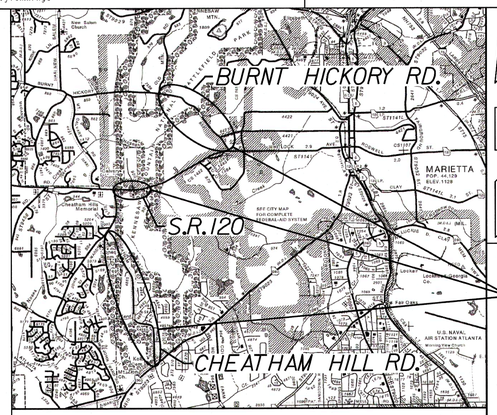
9/18/2020 USER:jlemmings	$PRF8$	J:\2017030\0015279\DGN\0015279_01-0001.dgn GRWCOV	COBB COUNTY DEPARTMENT OF TRANSPORTATION	Project No. X2404

DEPARTMENT OF TRANSPORTATION
COBB COUNTY

PLAN AND PROFILE OF PROPOSED
KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

FEDERAL AID PROJECT
P.I.NO.0015279

COBB COUNTY PROJECT NO: X2404
STATE ROUTE #120
COUNTY ROUTE #859 & #4394



VICINITY MAP - N.T.S.

DESIGN DATA:	
TRAFFIC A.D.T.: 11,900 (2018)	ON BURNT HICKORY ROAD
TRAFFIC A.D.T.: 23,200 (2018)	ON S.R.120/WHITLOCK AVE
TRAFFIC A.D.T.: 6,600 (2012)	ON CHEATHAM HILL ROAD
SPEED DESIGN: 18 MPH	ON TRAIL
SPEED DESIGN: 35 MPH	ON BURNT HICKORY ROAD
SPEED DESIGN: 45 MPH	ON S.R.120/WHITLOCK AVE
SPEED DESIGN: 45 MPH	ON CHEATHAM HILL ROAD
POSTED SPEED: 35 MPH	ON BURNT HICKORY ROAD
POSTED SPEED: 45 MPH	ON S.R.120/WHITLOCK AVE
POSTED SPEED: 45 MPH	ON CHEATHAM HILL ROAD

LOCATION & DESIGN
APPROVAL DATE: APRIL 4,2019

FUNCTIONAL CLASS:
TRAIL: SHARED-USE PATH
BURNT HICKORY ROAD: MAJOR COLLECTOR
S.R.120/WHITLOCK AVE: ARTERIAL
CHEATHAM HILL ROAD: MAJOR COLLECTOR

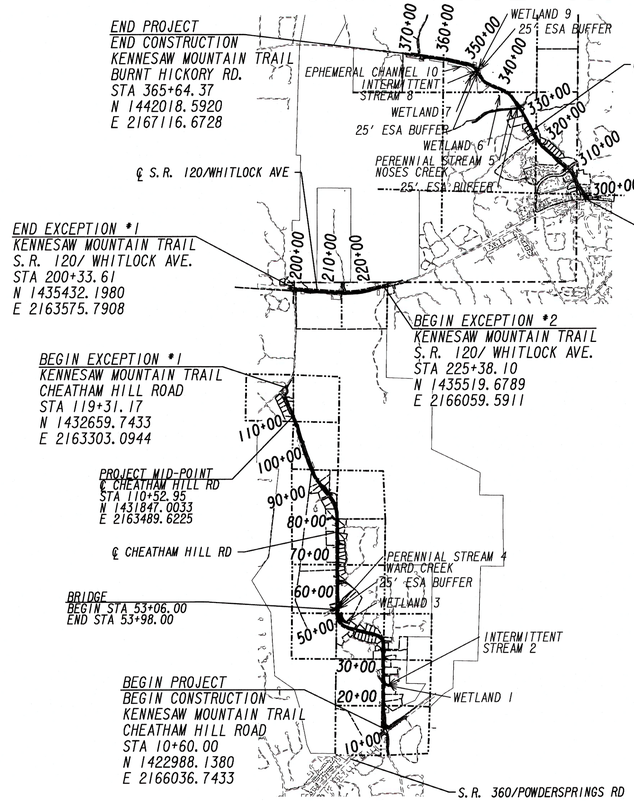
THIS PROJECT IS 100% IN COBB COUNTY AND IS 100% IN CONG.DIST.NO.011.

PROJECT DESIGNATION: EXEMPT

LAND LOTS: 32,33,105,106,117,180,181,190,191, 254,255,263,264,287,288,322, 323,329,330,337,& 1224

LAND DISTRICTS: 16,19,20

THIS PROJECT HAS BEEN PREPARED USING THE HORIZONTAL GEORGIA COORDINATE SYSTEM OF 1984 (NAD 1983)/94 WEST ZONE, AND THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.



LENGTH OF PROJECT	COBB COUNTY COUNTY No.067 Project No. X2404 P.I.# 0015279 MILES
NET LENGTH OF TRAIL	3.785
NET LENGTH OF BRIDGES	N/A
NET LENGTH OF PROJECT	3.775
NET LENGTH OF EXCEPTIONS	1.700
GROSS LENGTH OF PROJECT	5.475

SCALE IN FEET
0 2000 4000 8000

NOTE :
ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO "STATE HIGHWAY DEPARTMENT OF GEORGIA", "STATE HIGHWAY DEPARTMENT", GEORGIA STATE HIGHWAY DEPARTMENT", "HIGHWAY DEPARTMENT", OR "DEPARTMENT" WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION.

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

GEORGIA 811 Utilities Protection Center, Inc.
Know what's below. Call before you dig.

GEORGIA REGISTERED No. 040719 PROFESSIONAL ENGINEER PATRICK T PETERS
09/04/2020

PREPARED BY:
Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

DESIGN Michael Francis 2/2/21

PLANS COMPLETED 09/04/2020	
REVISIONS	

DRAWING No.
01-0001

DRAWING NO.	DESCRIPTION
01-0001	COVER
02-0001 TO 02-0002	INDEX
03-0001	REVISION SUMMARY
04-0001 TO 04-0003	GENERAL NOTES
05-0001 TO 05-0002	TYPICAL SECTIONS - CHEATHAM HILL
05-0003	TYPICAL SECTIONS - SR120
05-0004 TO 05-0005	TYPICAL SECTIONS - BURNT HICKORY
05-0006	TYPICAL SECTIONS
06-0001	SUMMARY QUANTITIES
06-0002 TO 06-0006	SUMMARY QUANTITIES - CHEATHAM HILL
06-0007 TO 06-0008	SUMMARY QUANTITIES - SR120
06-0009 TO 06-0011	SUMMARY QUANTITIES - BURNT HICKORY
07-0001	QUANTITIES (AMENDMENT)
08-0001	QUANTITIES (CONSTRUCTION)
09-0001 TO 09-0002	DETAILED ESTIMATE
13-0001 TO 13-0022	CONSTRUCTION PLANS - CHEATHAM HILL
13-0023 TO 13-0027	CONSTRUCTION PLANS - SR120
13-0028 TO 13-0040	CONSTRUCTION PLANS - BURNT HICKORY
15-0001 TO 15-0010	MAINLINE PROFILE - CHEATHAM HILL
15-0011 TO 15-0013	MAINLINE PROFILE - SR120
15-0014 TO 15-0020	MAINLINE PROFILE - BURNT HICKORY
16-0001	CROSSROAD PROFILE - CHEATHAM HILL
16-0002	CROSSROAD PROFILE - BURNT HICKORY
17-0001 TO 17-0003	DRIVEWAY PROFILES - CHEATHAM HILL
17-0004	DRIVEWAY PROFILES - SR120
17-0005	DRIVEWAY PROFILES - BURNT HICKORY
20-0001	DETOUR MAP
21-0001 TO 21-0005	DRAINAGE AREA MAP - CHEATHAM HILL
21-0006	DRAINAGE AREA MAP - SR120
21-0007 TO 21-0010	DRAINAGE AREA MAP - BURNT HICKORY
22-0001 TO 22-0008	DRAINAGE PROFILES - CHEATHAM HILL
22-0009	DRAINAGE PROFILES - SR 120
22-0010 TO 22-0014	DRAINAGE PROFILES - BURNT HICKORY
23-0001A TO 23-0032	CROSS SECTIONS - CHEATHAM HILL
23-0033 TO 23-0039	CROSS SECTIONS - SR120
23-0040 TO 23-0061	CROSS SECTIONS - BURNT HICKORY
24-0000	UTILITY PLAN LEGEND
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24-0023 TO 24-0027	UTILITY PLANS - SR120
24-00028 TO 24-0040	UTILITY PLANS - BURNT HICKORY
26-0000	SIGNING AND MARKING GENERAL NOTES
26-0001 TO 26-0022	SIGNING AND MARKING PLANS - CHEATHAM HILL
26-0023 TO 26-0027	SIGNING AND MARKING PLANS - SR120
26-0028 TO 26-0040	SIGNING AND MARKING PLANS - BURNT HICKORY
26-0041 TO 26-0042	MISC. SIGN DETAILS
27-0000 TO 27-0007	SIGNAL PLANS
31-0001 TO 31-0007	RETAINING WALL ENVELOPES
38-0001 TO 38-0008	SPECIAL CONSTRUCTION DETAILS
	CONSTRUCTION DETAILS
A-1	DRIVEWAYS WITH TAPERED ENTRANCES CONCRETE VALLEY GUTTERS 07-11
A-3	SPECIAL DETAIL - CONCRETE SIDEWALK DETAILS CURB CUT (WHEELCHAIR) RAMPS 09-16
A-4	DETECTABLE WARNING SURFACE TRUNCATED DOME SIZE, SPACING AND 06-09
	ALIGNMENT REQUIREMENTS
D-7	BERM DITCHES, SIDE DITCHES, SURFACE DITCHES 07-80
D-49	DITCH BACK OF RETAINING WALL SWALE DITCHES;RIP RAP DITCH 02-11

DRAWING NO.	DESCRIPTION	
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T-01	SIGN PLATES	01-00
T-03a	TYPE 7,8 AND 9 SQUARE TUBE POST INSTALLATION DETAIL	07-02
T-03b	DETAILS OF SQUARE TUBE POST (BREAKAWAY SUPPORT)	07-02
T-11a	DETAILS OF PAVEMENT MARKING PLACEMENT ON NON-LIMITED ACCESS ROADWAY	09-16
T-15a	DETAILS OF RAISED PAVEMENT MARKER LOCATION NON-LIMITED ACCESS ROADWAY	09-16
T-15c	DETAILS OF RAISED PAVEMENT MARKERS	09-11
TS-01	INDUCTIVE-LOOP DETECTOR INSTALLATION	04-10
TS-02	PULLBOX ASSEMBLY AND INSTALLATION	04-10
TS-03a	PEDESTRIAN FACILITIES INSTALLATION DETAILS	04-10
	GEORGIA STANDARDS	
1011A	BRICK MANHOLES	10-81
1011Ap	PRECAST REINFORCED CONCRETE MANHOLE	06-75
1019A	DROP INLETS	08-99
1019Ap	PRECAST DROP INLET	08-99
1030D1	CONCRETE AND METAL PIPE CULVERTS SHEET 1 OF 3	09-01
1030D2	CONCRETE AND METAL PIPE CULVERTS SHEET 2 OF 3	09-01
1030D3	CONCRETE AND METAL PIPE CULVERTS SHEET 3 OF 3	09-01
1033D	CATCH BASINS (FOR USE WITH 6" OR 8" HT. CURB AND GUTTER)	08-82
1033Dp	PRECAST CATCH BASINS (FOR USE WITH 6" OR 8" Ht. CURB AND GUTTER)	09-82
1034D	CATCH BASINS (FOR USE WITH 6" OR 8" CURB AND GUTTER IN SAGS OR LOW POINTS)	08-82
1034Dp	PRECAST CATCH BASINS (FOR USE WITH 6" OR 8" CURB AND PRECAST GUTTER IN SAGS OR LOW POINTS)	09-82
1120	FLARED END SECTIONS FOR PIPES	06-06
1122-1	SAFETY END SECTION (METAL) (FOR SIDE DRAIN PIPE OR STORM DRAIN PIPE PARALLEL TO MAINLINE) (SHEET 1 OF 3)	01-05
1122-2	SAFETY END SECTION (METAL) (FOR SIDE DRAIN PIPE OR STORM DRAIN PIPE PARALLEL TO MAINLINE) (SHEET 2 OF 3)	01-05
1122-3	SAFETY END SECTION (METAL) (FOR SIDE DRAIN PIPE OR STORM DRAIN PIPE PARALLEL TO MAINLINE) (SHEET 3 OF 3)	01-05
1401	PAVEMENT PATCHING DETAILS (STORM DREAIN OR UTILITY INSTALLATIONS BY OPEN CUT ACROSS EXISTING PAVEMENT)	08-99
3054	END POST AND END POST GUARDRAIL ATTACHMENT DETAIL	09-02
4000w	GUARDRAIL WARRENT GUIDES	01-16
4380	"W" BEAM GUARDRAIL 31 INCH GUARDRAIL HEIGHT	01-16
4381	POSTS AND OFFSET BLOCKS FOR "W"	01-16
4382	GUARDRAIL CONNECTION AT BRIDGE END OR AT CONCRETE BARIER END FOR 31 INCH HIGH GUARDRAIL	01-16
4383	GUARDRAIL ANCHORAGE TYPE 1 31 INCH GUARDRAIL HEIGHT	08-11
4384	GUARDRAIL TERMINALS, TYPE 12A, 12B, AND 12C 31 INCH GUARDRAIL HEIGHT	01-16
4385	"T" BEAM GUARDRAIL CONNECTION TO 31 INCH HEIGHT "W" BEAM	08-11
4388	GUARDRAIL LOCATION DETAILS FOR UNDIVIDED HIGHWAYS AND ROADS (WITH SHOULDERS ADJACENT TO THE ROADWAY) 31 INCH GUARDRAIL HEIGHT	01-16
4391	GUARDRAIL LOCATION (ON ROADS WITH CURB)	01-16
9003	FEDERAL AID AND STATE PROJECT MARKERS; RIGHT OF WAY MARKERS; COUNTY LINE MARKER	04-06
9013	CONCRETE SPILLWAYS (TYPICAL USE: ALONG ROADWAY AT END OF CURB)	02-81
9031L	GRAVITY WALL TYPICAL SECTIONS, RAISING HEADWALL, AND TYPICAL PIPE PLUG	09-16
9031R	PLACING ROOF DRAIN PIPE UNDER SIDEWALK - RAMP TYPE BARRICADE - PIPE HANDRAIL FOR RETAINING WALL PIPE HANDRAIL FOR CONCRETE STEPS	10-88
9031S	MEDIAN DROP INLET (PRECAST OR BUILT-IN-PLACE) AND CONCRETE APRON	04-96
9031T	ISOMETRIC VIEWS OF SIDE ROAD OR DRIVE FLARE DETAIL AT BRIDGE ENDS	08-95
9031U	JUNCTION BOXES (PRECAST OR BUILT-IN-PLACE) PIPE COLLARS, PIPE ELBOW AND PIPE CURVED ALIGNMENT	07-85
9032B	CONCRETE CURB AND GUTTER, CONCRETE CURBS, CONCRETE MEDIANS	02-20
9100	TRAFFIC CONTROL GENERAL NOTES, STANDARD LEGEND AND MISCELLANEOUS DETAILS	03-06

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5593
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

INDEX

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 02-0001

DRAWING NO.		DESCRIPTION	
		UTILITY RELOCATIONS BY CONTRACTOR	
44A-00 TO 44A-28		COBB COUNTY WATER SYSTEM PLANS	
44B-0001 TO 44B-0034		COBB COUNTY MARIETTA WATER AUTHORITY WATER SYSTEM PLANS	
		EROSION PLANS	
50-0001		EROSION CONTROL COVER SHEET	
51-0001 TO 51-0006		BMP GENERAL NOTES	
52-0001	EC-L1	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 1 OF 7)	03-17
52-0002	EC-L2	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 2 OF 7)	11-18
52-0003	EC-L3	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 3 OF 7)	03-17
52-0004	EC-L4	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 4 OF 7)	03-17
52-0005	EC-L5	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 5 OF 7)	03-17
52-0006	EC-L6	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 6 OF 7)	11-18
52-0007	EC-L7	EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 7 OF 7)	03-17
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53-0006		EROSION DRAINAGE AREA MAP - SR120	
53-0007 TO 53-0010		EROSION DRAINAGE AREA MAP - BURNT HICKORY	
54.1-0001 TO 54.1-0022		BMP LOCATION DETAILS - STAGE 1 - CHEATHAM HILL	
54.1-0023 TO 54.1-0027		BMP LOCATION DETAILS - STAGE 1 - SR120	
54.1-0028 TO 54.1-0040		BMP LOCATION DETAILS - STAGE 1 - BURNT HICKORY	
54.2-0001 TO 54.2-0022		BMP LOCATION DETAILS - STAGE 2 - CHEATHAM HILL	
54.2-0022 TO 54.2-0027		BMP LOCATION DETAILS - STAGE 2 - SR120	
54.2-0028 TO 54.2-0040		BMP LOCATION DETAILS - STAGE 2 - BURNT HICKORY	
54.3-0001 TO 54.3-0022		BMP LOCATION DETAILS - STAGE 3 - CHEATHAM HILL	
54.3-0022 TO 54.3-0027		BMP LOCATION DETAILS - STAGE 3 - SR120	
54.3-0028 TO 54.3-0040		BMP LOCATION DETAILS - STAGE 3 - BURNT HICKORY	
55-0001		WATERSHED MAP / SITE MONITORING PLAN	
		EROSION CONTROL DETAILS	
D-20		SILT CONTROL GATES FOR STRUCTURES TYPE - 1, 2, AND 3	04-16
D-24A		TEMPORARY SILT FENCE (SHEET 1 OF 4)	01-11
D-24B		TEMPORARY SILT FENCE BERM DITCH, INSTALLATION, BRUSH BARRIER (SHEET 2 OF 4)	01-11
D-24C		TEMPORARY SILT FENCE J-HOOKS, INLET SEDIMENT TRAPS (SHEET 3 OF 4)	01-11
D-24D		TEMPORARY SILT FENCE FABRIC CHECK DAM (SHEET 4 OF 4)	07-15
D-35		PERMANENT SOIL REINFORCING MAT (TURF REINFORCING MAT) INSTALLATION ON DITCHES	01-11
D-41		CONSTRUCTION EXIT	04-18
D-42		INLET SEDIMENT TRAPS	05-08
D-45		RETROFITTING STRUCTURE FOR TEMPORARY SEDIMENT FILTER- PERFORATED HALF-ROUND PIPE WITH STONE FILTER	07-18
D-46		STONE FILTER RING	07-18
D-52		BALED STRAW & COMPOST FILTER SOCK CHECK DAMS FOR EROSION CONTROL	04-16
D-54		SOD INSTALLATION	04-16
D-55A		RIPRAP OUTLET PROTECTION (SHEET 1 OF 2)	04-16
D-55B		RIPRAP OUTLET PROTECTION (SHEET 2 OF 2)	04-16
D-56		STONE RIPRAP AND SAND BAG TEMPORARY CHECK DAMS	11-18
60-0001 TO 60-0042C		RIGHT OF WAY PLANS	
		NOTE:	
		THE GDOT STANDARDS AND CONSTRUCTION DETAILS REQUIRED FOR THIS PROJECT ARE LISTED IN THE INDEX WITH THE LATEST KNOWN	
		REVISION DATE BUT ARE NOT INCLUDED AS PART OF THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND	
		MAINTAINING ON THE PROJECT SITE THE GDOT STANDARD DRAWINGS AND THE CONSTRUCTION DETAIL DRAWINGS LISTED ON THE INDEX	
		SHEET. FULL SIZED SHEETS MAY BE PURCHASED BY THE CONTRACTOR AT HIS EXPENSE FROM GDOT.	

DRAWING NO.	DESCRIPTION

DATE	DRAWING NO.	REVISION

DATE	DRAWING NO.	REVISION

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

REVISION SUMMARY

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		03-0001
VERIFIED:		DATE:		

PROJECT GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD AND SUPPLEMENTAL SPECIFICATIONS, CURRENT EDITION.

2. ALL KNOWN UTILITY FACILITIES ARE SHOWN SCHEMATICALLY ON PLANS, AND ARE NOT NECESSARILY ACCURATE IN LOCATION AS TO PLAN OR ELEVATION. UTILITY FACILITIES SUCH AS SERVICE LINES OR UNKNOWN FACILITIES NOT SHOWN ON PLANS WILL NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY UNDER THIS REQUIREMENT. "EXISTING UTILITY FACILITIES" MEANS ANY UTILITY THAT EXISTS ON THE PROJECT IN ITS ORIGINAL, RELOCATED OR NEWLY INSTALLED POSITION.

3. THE FOLLOWING UTILITIES HAVE FACILITIES IN THE PROJECT AREA:

   1. ATLANTA GAS LIGHT COMPANY
   2. AT&T(D)
   3. COBB EMC
   4. CITY OF MARIETTA BLW POWER
   5. CITY OF MARIETTA BLW WATER
   6. COBB COUNTY WATER SYSTEM
   7. COBB COUNTY MARIETTA WATER AUTHORITY
   8. COMCAST
   9. VERIZON-MCI/QUANTA
   10. ZAYO

4. INGRESS AND EGRESS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES. REFER TO SUB-SECTION 107.07 OF THE GEORGIA STANDARD SPECIFICATIONS.

5. RIGHT-OF-WAY MARKERS IN RESIDENTIAL LAWN AND DEVELOPED COMMERCIAL AREAS SHALL BE PLACED FLUSH WITH THE FINISHED SURFACE.

6. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT AND TO DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. CONCRETE AND ASPHALT MATERIALS REMOVED FROM THE PROJECT SITE MAY NOT BE PLACED IN FILL LOCATIONS THAT FALL WITHIN EASEMENT AREAS. WITH THE PRIOR APPROVAL OF THE ENGINEER, THESE MATERIALS MAY BE PLACED WITHIN THE R/W PROVIDED THERE IS THREE (3') FEET OF MINIMUM COVER AND THERE ARE NO PLANS FOR THE FUTURE WIDENING OF THE ROADWAY.

7. PERFORATED UNDERDRAIN SHALL BE PLACED IN AREAS WHERE WET CONDITIONS EXIST IN THE SUBGRADE AS DIRECTED BY THE ENGINEER.

8. STRUCTURES, TREES, SHRUBS AND OTHER PLANT MATERIAL THAT FALL WITHIN THE RIGHT-OF-WAY AND EASEMENT LIMITS, BUT OUTSIDE THE LIMITS OF CONSTRUCTION, SHALL NOT BE DISTURBED UNLESS DIRECTED BY THE ENGINEER.

9. THE CONTRACTOR SHALL OBSERVE ALL APPLICABLE LOCAL, STATE AND FEDERAL SAFETY REGULATIONS REGARDING PIPE INSTALLATION IN TRENCHES. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.

10. METAL PIPES UNDERNEATH THE TRAVEL WAY MUST BE REMOVED OR FILLED WITH FLOWABLE FILL. THE COST FOR REMOVAL OF PIPES SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE PER LUMP SUM OR IN THE PRICE BID FOR FLOWABLE FILL PER CUBIC YARD.

11. IN AREAS WHERE NEW PAVEMENT, CURB AND GUTTER, OR PAVEMENT WIDENING IS REQUIRED, SAW CUT OF EXISTING PAVEMENT WILL BE REQUIRED IN ACCORDANCE WITH SECTION 411 OF THE GEORGIA STANDARD SPECIFICATIONS AND WILL BE INCLUDED IN PRICE BID FOR "GRADING COMPLETE".

12. ALL RETAINING WALLS SHALL HAVE ASHLAR STONE FORM LINER OR OTHER FORM LINER AS DIRECTED. THIS APPLIES TO ALL RETAINING WALL FACES EXPOSED TO PUBLIC VIEW. ALL RETAINING WALL EXPOSED FACES SHALL HAVE ANTI-GRAFFITI COATING. THE ASHLAR FINISH AND ANTI-GRAFFITI COATING SHALL BE INCLUDED IN THE PRICE OF THE WALL.

13. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED WILL BE PAVED BACK TO THE TIE IN POINT OR REQUIRED RIGHT OF WAY, WHICHEVER IS GREATER. ALL DRIVEWAYS OVER 11% IN GRADE SHALL BE PAVED WITH CONCRETE. ALL OTHER DRIVEWAYS SHALL BE REPLACED AS FOLLOWS: ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE AND ASPHALT FOR EARTH/GRAVEL DRIVES. RESIDENTIAL DRIVES SHALLL BE 14 FEET WIDE AT THE THROAT UNLESSS NOTED OTHERWISE IN THE PLANS. EXISTING DRIVEWAY LOCATIONS ARE SHOWN FROM THE BEST AVAILABLE DATA: THE CONTRACTOR SHALL CONSTRUCT DRIVEWAYS TO MATCH THE LOCATION OF EXISTING DRIVEWAYS AT THE TIE IN POINT, IF APPLICABLE. THE CONTRACTOR SHALL OBTAIN THE APPROVAL FROM THE ENGINEER PRIOR TO MAKING ANY REVISIONS TO LOCATION, WIDTH, AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. DRIVES SHALL BE CONSTRUCTED USING:

    RESIDENTIAL:
    ASPHALT - RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, 165 LB/SY
    - GRADED AGGREGATE BASE, 6 IN
    CONCRETE - DRIVEWAY CONCRETE, 6 IN THICK
    - CONC VALLEY GUTTER, 6 IN

    COMMERCIAL:
    ASPHALT - RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, 165 LB/SY
    - RECYCLED ASPHALT CONC, 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME, 220 LB/SY
    - GRADED AGGREGATE BASE, 6 IN
    CONCRETE - DRIVEWAY CONCRETE, 8 IN THICK
    - CONC VALLEY GUTTER 8 IN

14. ALL CONCRETE SIDEWALKS AND WHEEL CHAIR RAMPS LOCATED IN THE RADIUS RETURN SHALL BE 8" THICKNESS.

15. LUMP-SUM TRAFFIC CONTROL: THE PRICE BID FOR LUMP-SUM TRAFFIC CONTROL SHALL INCLUDE THE COST OF STAGED CONSTRUCTION, MAINTENANCE OF TRAFFIC (INCLUDING AGGREGATE SURFACE COURSE), INSTALLATION AND REMOVAL OF ALL TEMPORARY SIGNAGE, INTERIM PAVEMENT MARKINGS, BARRICADES, AND OTHER INTERIM TRAFFIC CONTROL DEVICES NECESSARY FOR THE CONSTRUCTION AND MAINTENANCE OF THE PROJECT. DEVICES UTILIZED ON THE PROJECT SHALL BE IN COMPLIANCE THE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION AND SECTION 150. ALL DEVICES, SIGNS, POSTS, BARRICADES, ETC SHALL BE FROM THE GDOT QUALIFIED PRODUCTS LIST (QPL). ALL DEVICES SHALL BE CRASHWORTHY UNDER AASHTO AND NCHRP 350 REQUIREMENTS. THE ENGINEER MAY DIRECT THAT ADDITIONAL DEVICES AND MARKINGS BE ADDED TO THE TRAFFIC CONTROL PLAN. THE COST OF NOMINAL ITEMS ADDED BY THE ENGINEER SHALL BE INCLUDED IN LUMP-SUM TRAFFIC CONTROL EXCEPT FOR THE ADDTION OF A CHANGEABLE MESSAGE SIGN(S). THE CONTRACT UNIT PRICE WILL BE PAID FOR A CHANGEABLE MESSAGE SIGN(S) OR A UNIT PRICE WILL BE DETERMINED WHEN A CHANGEABLE MESSAGE SIGN(S) IS NOT INCLUDED IN THE CONTRACT.

PROJECT GENERAL NOTES CONT'D:

16. DETOURS IN THE PLANS: SUGGESTED DETOURS SHOWN IN THE PLANS ARE FOR INFORMATION ONLY. CONTRACTOR SHALL SUBMIT ON SITE AND OFF SITE DETOURS, AS PER SPECIAL PROVISION 150 TRAFFIC CONTROL, FOR REVIEW AND APPROVAL. THE COST OF MAINTENANCE, GRADING, TEMPORARY DRAINAGE, TEMPORARY SIGNAGE, TEMPORARY MARKINGS AND TEMPORARY DEVICES SHALL BE INCLUDED IN LUMP-SUM TRAFFIC CONTROL. THE COST OF STONE BASE(GAB) AND THE PLACEMENT OF THE TYPICAL PAVEMENT SECTION, TEMPORARY BARRIERS, ATTENUATORS, TEMPORARY GUARDRAIL, AND ANCHORS, IF NEEDED, WILL BE PAID AT CONTRACT UNIT PRICES. IF NO PAY ITEM IS SET UP FOR THE AFOREMENTIONED ITEMS FOR DETOURS THEN, IF REQUIRED, WILL BE INCLUDED IN LUMP SUM TRAFFIC CONTROL, AND IT WILL NOT BE MEASURED SEPARATELY FOR PAYMENT. ANY UNIT PRICES SET UP WILL INCLUDE INSTALLATION AND REMOVAL. PERMANENT DEVICES, TO BE INCORPORATED INTO THE FINAL WORK, MAY BE USED FOR INTERM/TEMPORARY DUTIES PROVIDED THE PERMANENT DEVICES ARE NOT DAMAGED DURING THE INTERIM USAGE. THE COST FOR REPLACEMENT OF DAMAGED COMPONENTS SHALL BE AT THE CONTRACTOR'S EXPENSE.

    DETOURS NOT SHOWN IN THE PLANS (DETOURS PROPOSED BY THE CONTRACTOR): THE COST TO INSTALL, MAINTAIN AND REMOVE ANY DETOUR SHALL BE INCLUDED IN THE PRICE BID FOR LUMP-SUM TRAFFIC CONTROL. THE COST OF GRADING, PAVEMENT, SIGNING, MARKINGS, TEMPORARY DEVICES, TEMPORARY CONCRETE BARRIERS, ATTENUATORS, TEMPORARY GUARDRAIL AND ANCHORS, ETC SHALL BE INCLUDED IN THE PRICE BID FOR LUMP-SUM TRAFFIC CONTROL. DETOURS NOT SHOWN IN THE PLANS WILL NOT BE ELIGIBLE TO BE PAID AT CONTRACT UNIT PRICES.

17. ALL CUT AND FILL SLOPES SHALL BE STABILIZED TO COMPLY WITH SECTION 161.3.05.B OF THE SPECIFICATIONS IN ORDER TO REDUCE THE POTENTIAL FOR EROSION. IF THE SEASON DOES NOT PERMIT PERMANENT GRASSING, TEMPORARY STRAW MULCH AND/OR TEMPORARY VEGETATION SHALL BE USED AS PER THE EROSION AND SEDIMENTATION POLLUTION CONTROL PLAN (ESPCP) OR AS DIRECTED BY THE ENGINEER.

18. EROSION CONTROL MEASURES SHALL BE INSTALLED TO BE IN COMPLIANCE WITH THE APPROVED EROSION AND SEDIMENTATION POLLUTION CONTROL PLAN (ESPCP). EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES THAT INVOLVE ENVIRONMENTAL SENTITIVE AREAS (ESA'S) AS DEFINED UNDER SECTION 107.23.F OF THE SPECIFICATIONS AND THE ESPCP. IN GENERAL, EROSION CONTROL ITEMS SHOULD BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBING ACTIVITIES.

19. SPRINKLER SYSTEMS TO BE HANDLED AS FOLLOWS:

    CASE 1 - SYSTEMS WITHIN THE CONSTRUCTION LIMITS OWNED BY INDIVIDUALS OR PRIVATE COMPANIES ARE TO BE REMOVED TO THE BACK OF THE CONSTRUCTION LIMITS AND PLUGGED.

    CASE 2 - SYSTEMS SHOWN BY THE PLANS TO BE REMOVED AND RELOCATED SHALL BE RELOCATED TO THE BACK OF THE SIDEWALK. COST SHALL BE INCLUDED IN PRICE BID FOR 'GRADING COMPLETE'.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, RELOCATING, AND MAINTAINING THE PROPERTY OWNER'S MAILBOX TO AN AREA OUTSIDE CONSTRUCTION LIMITS DURING THE LIFE OF THE CONTRACT. THE LOCATION OF THE BOX SHOULD BE CONVENIENT TO BOTH THE MAIL CARRIER AND THE PATRON, YET NOT INTERFERE WITH PROPOSED WORK. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONFER WITH THE POST OFFICE SERVING THE AREA. ALL COSTS INCURRED FOR COMPLIANCE WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS.

21. AN N.O.I. (NOTICE OF INTENT) IS/IS NOT REQUIRED FOR THIS PROJECT. THE DISTURBED AREA IS 13.25 ACRES.

22. ALL ROADWAY DRAINAGE PIPES SHALL BE REINFORCED CONCRETE. THE GDOT PIPE SELECTION CHART MAY ONLY BE USED FOR DRIVEWAY PIPES.

23. CONTRACTOR TO PROVIDE PRE-CONSTRUCTION PHOTOS OF ALL DRIVEWAYS TO PROJECT ENGINEER PRIOR TO CONSTRUCTION. PHOTOS MAY BE DIGITAL.

24. ALL EXISTING STORM DRAIN PIPES INLCUDING BOX CULVERTS WITHIN THE CONSTRUCTION LIMITS SHALL BE CLEANED PRIOR TO COMPLETION OF PROJECT. COST TO BE INCLUDED IN GRADING COMPLETE.

25. ALL GRASSED MEDIANS, LANDSCAPED AREAS BETWEEN THE BACK OF CURB AND SIDEWALK AND TO SHOULDER BREAK POINT SHALL BE SODDED WITH TIFTUF BERMUDA SOD, UNLESS THERE IS EXISTING GRASS, THEN THE SOD TYPE FROM BACK OF CURB TO EXISTING GRASS SHALL MATCH ADJACENT GRASS. ALL COST ASSOCIATED WITH THIS REQUIREMENT SHALL BE INCLUDED IN THE PRICE BID FOR 700-9000 SOD.

26. ALL EXISTING PEDESTRIAN FACILITIES, INCLUDING ACCESS TO TRANSIT STOPS, SHALL BE MAINTAINED. WHERE PEDESTRIAN ROUTES ARE CLOSED, ALTERNATE ROUTES SHALL BE PROVIDED. WHEN EXISTING PEDESTRIAN FACILITIES ARE DISRUPTED, CLOSED, OR RELOCATED WITHIN THE LIMITS OF THE PROJECT, THE TEMPORARY PEDESTRIAN FACILITIES SHALL BE DETECTABLE AND SHALL INCLUDE ACCESSIBILITY FEATURES CONSISTENT WITH THE FEATURES PRESENT IN THE EXISTING PEDESTRIAN FACILITY (PER LATEST MUTCD). COST FOR CONSTRUCTING AND MAINTAINING TEMPORARY PEDESTRIAN FACILITIES SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.

27. THE ROADWAY FINAL SURFACE COURSE JOINTS MUST MATCH THE PROPOSED LANE EDGES AS SHOWN IN THE PAVEMENT MARKING PLANS.

28. MAX CUT OR FILL SLOPES SHALL BE 2:1 (H:V), UNLESS SPECIFICALLY NOTED.

29. ALL EXISTING ELECTRICAL BOXES, WATER METER BOXES, AND VALVE BOXES, WHICH ARE TO REMAIN SHALL BE SET FLUSH WITH THE TOP OF THE PROPOSED GRADE.

30. ALL STRUCTURES NOT LABELED FOR DEMOLITION SHALL BE PROTECTED FROM DAMAGE DURING ALL PHASES OF CONSTRUCTION. ANY STRUCTURES THAT ARE TO REMAIN THAT ARE DAMAGED SHALL BE REPAIRED BY THE CONTRACTOR TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITION AT NO ADDITIONAL COST.

31. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL. SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO FOR ADDITIONAL INFORMATION.

32. THERE IS NO KNOWN SUITABLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE AS SHOWN IN GA. SPECIFICATION 201 TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE COUNTY.

33. NO SEPARATE PAYMENT WILL BE MADE FOR TEMPORARY DRAINAGE ITEMS. COST WILL BE INCLUDED IN OVERALL BID SUBMITTED.

34. NPS SPLIT-RAIL FENCE WILL NOT BE DISTURBED OR NPS SPLIT RAIL FENCE WILL BE REMOVED AND RESET AS NOTED ON PLANS.

35. WHERE PEDESTRIAN CROSSING SIGNAL SIGNS ARE BEING REMOVED, CONCRETE BASES ARE TO BE REMOVED TO AT LEAST 1 FT BELOW GRADE.

36. SPECIAL DESIGN LIDS SHALL BE PROVIDED FOR ALL DRAINAGE STRUCTURE - SEE DRAWING 38-0004 FOR DETAILS. COST TO BE INCLUDED IN COST OF STRUCUTRE (E.G. CATCH BASIN, MANHOLE, ETC.).

37. ALL COST TO COMPLETE THE REMOVAL OF EXISTING LIGHT POLES NOTED IN THE PLAN SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE PER LUMP SUM.

38. ALL COST ASSOCIATED WITH THE SPECIAL DESIGN RECESSED CATCH BASIN SHALL BE INCLUDED IN COST FOR BID FOR STANDARD GDOT 1033 AND 1034 CATCH BASINS. SEE SHEET 38-0004 FOR DETAILS.

39. ALONG BURNT HICKORY ROAD FROM APPROXIMATELY STA 330+00 TO STA 332+00 ALL OF THE TREES ON THE ROCK LEDGE FROM THE EXISTING FENCE TO THE BOTTOM FACE OF ROCK SHALL BE REMOVED. THE ROCK FACE OF THE ROCK LEDGE IN THIS AREA IS IRREGULAR WITH SECTIONS OF ROCK STICKING OUT CLOSER TO THE ROAD THAN A MAJORITY OF THE ROCK. THE CONTRACTOR WILL REMOVE THOSE SECTIONS OF ROCK STICKING OUT TO ACHIEVE AS SMOOTH OF A ROCK FACE AS PRACTICAL SO THAT NO ROCK CREATES A HAZZARD FOR TRAIL USERS. ALL COSTS ASSOCIATED WITH ROCK REMOVAL WILL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE PER LUMP SUM. NO BLASTING WILL BE ALLOWED.

40. RIP RAP SHOWN WITHIN STREAM BANKS OF IS2 AT STRUCUTRE A13 (APPROX. STA 23+75) SHALL BE EMBEDDED TO MAINTAIN THE EXISTING STREAM CHANNEL ELEVATION.

41. FOR ALL LOCATIONS WHERE CONCRETE SIDEWALKS ARE CONSTRUCTED AROUND GDOT STANDARD CATCH BASINS (1033 & 1034), 4' CONCRETE SIDEWALK WILL BE INCREASED TO 6' ON TOP OF COMPACTED GRADED AGGREGATE BASE FOR THE ENTIRE WIDTH OF THE SIDEWALK AND THE LENGTH WILL EXTEND 5' BEYOND THE LIMITS OF THE CATCH BASIN. FOR 6' CONCRETE SIDEWALKS, THE 6' OF COMPACTED GRADED AGGREGATE BASE WILL BE ADDED WITHIN THE SAME DIMENSIONS PREVIOUSLY REFERENCED. ALL COSTS FOR CATCH BASIN TOPS WILL STILL BE INCLUDED IN THE PRICE BID FOR CATCH BASINS AND THE COMPACTED GRADED AGGREGATE BASE WILL BE INCLUDED IN THE PRICE BID FOR SIDEWALKS.

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. ALL ITEMS NECESSARY FOR COMPLIANCE WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE PRICE BID FOR "TRAFFIC CONTROL".

2. ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.

3. ALL SIGNS SHALL HAVE TYPE 11 RETROREFLECTIVE SHEETING.

4. IN RESIDENTIAL AREAS, TEMPORARY AND PERMANENT SIGNS SHALL BE LOCATED ON OR AS CLOSE AS POSSIBLE TO PROPERTY LINES.

5. EXISTING TRAFFIC SIGNS SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION. MAINTENANCE INCLUDES REPLACING DAMAGED AND STOLEN SIGNS, AND PERIODIC CLEANING OF EXISTING SIGNS AND CONSTRUCTION RELATED TRAFFIC CONTROL DEVICES. DETOUR AND OTHER CLOSURE SIGNS/DEVICES SHALL BE INSTALLED SO AS TO NOT BLOCK SIGHT OF EXISTING TRAFFIC SIGNS.

6. THE WORKSITE TRAFFIC CONTROL SUPERVISOR (WTCS) SHALL BE RESPONSIBLE FOR THE ELIMINATION OF ANY CONFLICTING PAVEMENT MARKINGS. THE WTCS SHALL NOT USE "BLACK OUT PAINT" TO ERADICATE CONFLICTING MARKINGS. THE ENGINEER SHALL MAKE THE FINAL DETERMINATION WHETHER THE CONFLICTING MARKINGS HAVE BEEN ADEQUATELY ELIMINATED.

7. TEMPORARY TRAFFIC BARRIERS SHALL HAVE A TWO (2') FOOT MINIMUM OFFSET FROM THE EDGE OF ANY TRAVEL LANE. ONLY TRAFFIC DRUMS, MEETING THE MINIMUM REQUIREMENTS OF THE MUTCD AND SECTION 150, AND TEMPORARY BARRIERS THAT ARE CRASHWORTHY SHALL BE USED ADJACENT TO TRAVEL LANES. UNLESS PRIOR APPROVAL IS GRANTED BY COBB COUNTY DEPARTMENT OF TRANSPORTATION, THE TEMPORARY BARRIERS CAN NOT BE PLACED LESS THAN TWO (2') FEET FROM THE EDGE OF THE TRAVEL LANE. THE USE OF TYPE I AND II BARRICADES AND TRAFFIC CONES IS PROHIBITED.

8. TRAFFIC DRUMS MEETING THE MINIMUM REQUIREMENTS OF THE MUTCD AND SECTION 150 SHALL BE USED FOR CHANNELIZATION OF TRAFFIC IN ALL TRAFFIC SHIFTS. FOR ANY WORK ZONE, THE MAXIMUM DRUM SPACING, IN FEET, SHALL BE THE DESIGN OR POSTED SPEED LIMIT, WHICHEVER IS LESS. BASED ON FIELD CONDITIONS, THE MAXIMUM SPACING OF THE TRAFFIC DRUMS MAY NEED TO BE FURTHER REDUCED.

9. ALL TRAFFIC CONTROL DEVICES SHALL BE MAINTAINED BY THE CONTRACTOR SO AS NOT TO INTERFERE WITH SIGHT DISTANCES ALONG ANY ADJACENT SIDE ROAD OR DRIVEWAY.

10. THE DEPARTMENT OF TRANSPORTATION RESERVES THE RIGHT TO MODIFY THIS MAINTENANCE OF TRAFFIC PLAN AS FIELD CONDITIONS WARRANT. IF ADDITIONAL TRAFFIC CONTROL DEVICES ARE REQUIRED, THESE SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE DEPARTMENT.

11. THE CONTRACTOR MUST OBTAIN A ROAD CLOSURE PERMIT FROM COBB COUNTY DEPARTMENT OF TRANSPORTATION A MINIMUM OF 3 WEEKS PRIOR TO ROAD CLOSURE. FOR INFORMATION CALL (770) 528-1600.

12. REFLECTORIZED TYPE 3 BARRICADES SHALL BE USED AT THE ACTUAL LOCATION OF TOTAL STREET CLOSURE. EACH BARRICADE SHALL HAVE TWO TYPE 'A' LIGHTS AND ONE R11-2 (ROAD CLOSED) SIGN ATTACHED.

13. ALL M4-9 SIGNS SHALL HAVE ADVISORY BLADES (INSTALLED ABOVE THE "DETOUR" SIGN) IDENTIFYING THE CLOSED STREET THAT THE DETOUR ROUTE SERVES. THESE BLADES SHALL HAVE 4" SERIES "B" UPPER AND LOWER-CASE LETTERING AND SHALL BE "BLACK ON ORNAGE"

14. INFORMATION SIGNS, INFORMING MOTORISTS OF THE ROAD CLOSURE SHALL BE INSTALLED A MINIMUM OF 2 WEEKS PRIOR TO THE ROAD CLOSURE. THESE SIGNS SHALL BE INSTALLED AT OR AS NEAR AS POSSIBLE TO THE ROAD CLOSURE OR THE BEGINNING OF THE DETOUR ROUTE, OR AS SHOWN ON APPROVED PLANS (SEE SPECIFICATIONS BELOW):

    (ROAD NAME) WILL BE CLOSED TO THRU TRAFFIC
    FROM (SIDE ROAD) TO (SIDE ROAD)
    (DATE) THRU (DATE)
    (REASON FOR CLOSURE)
    FOR INFO CALL (770) 528-1653

    THESE SIGNS SHALL BE RETROREFLECTIVE SHEETING ON METAL, 4 INCH BLACK UPPER AND LOWER CASE LETTERING (SERIES 'B' OR WIDER) ON WHITE BACKGROUND.

15. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PREPARE A MAINTENANCE OF TRAFFIC PLAN FOR APPROVAL BY COBB COUNTY DEPARTMENT OF TRANSPORTATION BEFORE STARTING CONSTRUCTION. PAYMENT SHALL BE INCLUDED IN THE PRICE FOR "TRAFFIC CONTROL". THE CONTRACTOR WILL NOT BE ALLOWED TO CLOSE THE ROAD DURING THE CONSTRUCTION OF THE PROJECT WITHOUT APPROVAL BY THE ENGINEER.

16. NO LANE CLOSURES ARE ALLOWED BETWEEN 6-9AM AND 4-7PM WITHOUT PRIOR APPROVAL BY THE ENGINEER.

17. THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO ALL DRIVEWAYS AT ALL TIMES.

UTILITY NOTES

1. THE CONTRACTOR SHALL NOT EXPOSE MORE THAN TWO PIPE JOINTS, AT ANY GIVEN TIME, DURING CONSTRUCTION. THE DUCTILE IRON PIPE (DIP) JOINTS ARE APPROXIMATELY 18'-0" LONG. THE PRE-STRESSED CONCRETE CYLINDER PIPE JOINTS ARE APPROXIMATELY 16'-0" LONG. THE CONTRACTOR SHALL COORDINATE ALL EXCAVATION NEAR THE WATER MAIN WITH THE COBB COUNTY - MARIETTA WATER AUTHORITY AND SHALL PROVIDE A 72-HOUR PRIOR NOTIFICATION OF SUCH WORK. THE CONTRACTOR SHALL SCHEDULE TO HAVE SOMEONE FROM THE AUTHORITY ON SITE AT ALL TIMES WHEN ANY PORTION OF THE WATER MAIN IS EXPOSED. THE CONTRACTOR SHALL CONTACT RODNEY STEGALL AT (678) 300-7131 FOR COORDINATION AND 24-HOUR EMERGENCYSERVICE.
2. UTILITIES LOCATIONS WERE OBTAINED THROUGH OWNER MARK-UPS.

GEORGIA 811 Utilities Protection Center, Inc.
Know what's below. Call before you dig.

REVISED DATE 10/28/2019

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		04-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

CCT BUS SHELTER

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE RELOCATION OR REMOVAL OF THE EXISTING BUS SHELTER(S). TWO WEEKS PRIOR TO THE EXISTING SHELTER BEING IN THE WAY OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY CCT AND COPY THE PROJECT ENGINEER. CCT WILL REMOVE THE SHELTER TO ANOTHER LOCATION (ABOVE GROUND ONLY). NO ADDITIONAL PAYMENT WILL BE MADE TO THE CONTRACTOR FOR COORDINATING WITH CCT.

2. THE BUS STOP AREA SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION PROJECT BUT MAY BE ADJUSTED AS NEEDED DURING CONFLICTS WITH CONSTRUCTION. AGGREGATE SURFACE COURSE SHALL BE USED TO CREATE A 10' BY 10' GRAVEL PAD ADJACENT TO THE PAVEMENT AT EACH BUS STOP LOCATION. THE CONTRACTOR SHALL MAINTAIN THE TEMPORARY GRAVEL BUS STOP PAD DURING THE LIFE OF THE CONSTRUCTION PROJECT. ADDITIONAL AGGREGATE SURFACE COURSE MAY BE REQUIRED AS DIRECTED BY THE ENGINEER. ALL COSTS TO COMPLY WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE PER LUMP SUM.

3. ONCE THE CONTRACTOR HAS GRADED THE NEW BUS STOP LOCATION, PLACED THE CONCRETE PAD ACCORDING TO THE DETAILS IN THESE PLANS INCLUDING ADJACENT SIDEWALK CONNECTIONS TO THE BACK OF THE CURB AND GRASSED THE AREA AROUND THE SHELTER LOCATION, THE CONTRACTOR SHALL CONTACT CCT THAT THE SITE IS READY FOR A SHELTER. CCT WILL RELOCATE OR INSTALL A SHELTER ON THE NEW PAD. ALL COSTS ASSOCIATED WITH THIS REQUIREMENT SHALL BE INCLUDED IN THE COST BID FOR GRADING COMPLETE PER LUMP SUM FOR THE GRADING: CONCRETE SIDEWALK, 6 IN. FOR THE SHELTER PAD PER SQUARE YARD AND THE APPROPRIATE PAY ITEMS FOR EROSION CONTROL AND PERMANENT GRASSING.

Environmental Resources Impact Table

These resources and the restrictions listed are governed by state and federal law.

Resource Name (from Section A of the ECT)	Location: Beginning STA	Location: Ending STA	Location: Side	Permitted Construction Activity (from Section A of the ECT)	Special Provision? (from Section B of the	Comments (from Section C of the ECT, comments only)
Wetland 1	23+13	23+66	RT	0.001 acre of permanent/reoccuring clearing impacts due to construction access	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F.The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Intermittent Stream 2	23+26	27+33	RT/LT	33 ~~24~~ linear feet (lf) (0.001 acre) of permanent fill impacts to extend culvert	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F.
Intermittent Stream 2 Buffer	23+01	27+66	RT/LT	Exempted	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F.The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Wetland 3	46+55	53+56	RT	0.005 ~~0.001~~ acre of temporary clearing impacts and 0.001 ~~0.002~~ acre of permanent impacts for riprap outfall	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Perennial Stream 4 (Ward Creek)	53+23	54+73	RT/LT	No activity	SP 107.23H	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F.
Perennial Stream 4 Buffer	51+95	55+06	RT/LT	Exempted	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Perennial Stream 5 (Noses Creek)	332+02	333+75	RT/LT	No activity	SP 107.23H	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F.
Perennial Stream 5 Buffer	331+89	334+00	RT/LT	Exempted	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Wetland 6	339+39	339+81	LT	No activity	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F.
Wetland 7	348+02	348+55	LT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F.
Intermittent Stream 8	348+34	349+08	RT/LT	56 ~~48~~ lf (0.004 acre) of permanent fill impacts to extend existing culvert and placement of riprap	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F.
Intermittent Stream 8 Buffer	348+06	349+25	RT/LT	Exempted	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Wetland 9	348+61	349+00	RT	No activity	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F.
Ephemeral Channel 10	353+71	353+98	LT	"	NA	
Listed Species	Perennial Stream 4 (Ward Creek) & Perennial Stream 5 (Noses Creek)		RT/LT	Construction such that harm to listed species is avoided	SP 107.23.H	
~~ESA – Bat Habitat~~	~~Forested Habitat Throughout the Project~~		~~RT/LT~~	~~Multi-use trail construction~~	~~SP 107.23.H~~	~~Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. A plan note shall be added to all applicable plan sheets stating: "ESA – Clearing of trees will not take place between May 15 through July 31 and directional lighting used during any nighttime work." "~~
Kennesaw Mountain National Battlefiled Park	Throughout the Project		RT/LT	Multi-use trail construction within NPS boundary	NA	Designated as an Environmentally Sensitive Area. River rock, rather than standard granite rip rap, shall be placed at drainage outfall locations adjacent to the multi-use trails in the Park. NPS signs within the construction limits located on Whitlock Avenue (SR 120) will be removed prior to construction, stored, and reset after construction.
Resource 1	504+11	505+00	LT	No activity	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Resource 2	359+16	363+00	LT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Resources 3	343+05	357+72	LT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Resource 4	349+50	350+60	RT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.

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(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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DRAWING No. 04-0002

7/31/2015 GPLN

Environmental Resources Impact Table

These resources and the restrictions listed are governed by state and federal law.

Resource 5	201+90	202+90	RT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Resource 6	210+50	213+5	RT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Resource 7	212+55	213+35	LT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Resource 8	223+42	224+16	RT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Resource 9	94+80	96+72	RT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Resource 10	15+40	17+50	RT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Resource 11	223+10	223+95	LT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Resource 12	17+22	17+95	LT	"	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F. The contractor will ensure that no construction-related activities or access occur beyond the orange barrier fencing (OBF) protecting this resource.
Historic Marker “Kennesaw Spur”	360+57		RT	Remove, store, and reset	SP 610 and SP 611	NA
Historic Marker "Battle of Kolb's Farm"	57+07		RT	Remove, store, and reset	SP 610 and SP 611	NA
Anderson Property	321+08	332+41	RT	No Activity	NA	Designated as an Environmentally Sensitive Area; follow specifications 107.23.F.
404 Permits and Variances (from Section D of the ECT)			**Expiration dates (if applicable).** Contact GDOT OES 6 months prior to expiration, if work will extend beyond this date.			
Section 404 Nationwide ~~General~~ Permit 42(NWP 42)			October 5, 2023			
Notice of Intent (NOI) for National Pollution Elimination Discharge System (NPDES)						
NPS Special Use Permit						

ECT = Environmental Commitments Table, AKA "Green Sheet".

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COBB COUNTY - DEPARTMENT OF TRANSPORTATION

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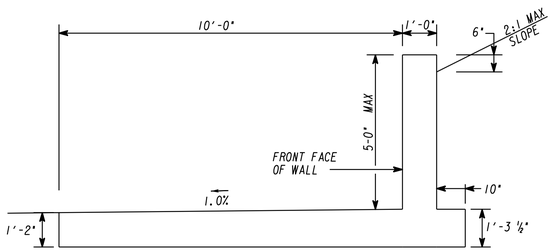
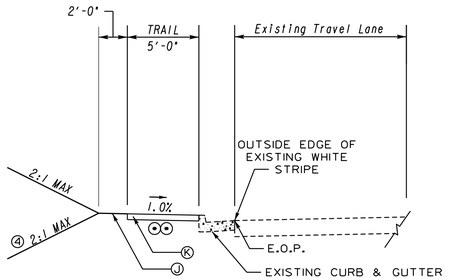
DRAWING No. 04-0003

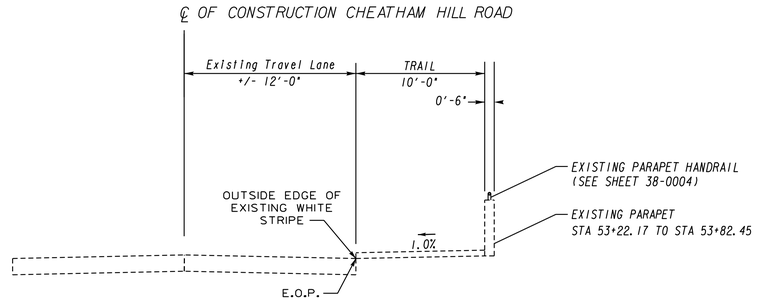
7/31/2015 GPLN



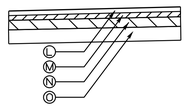
TYPICAL TURN UP DETAIL
SEE SHEET 38-0003
STA 16+54.00 TO STA 17+66.80
STA 65+09.00 TO STA 68+00.00



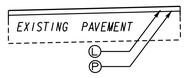
TYPICAL SECTION #1 CHEATHAM HILL ROAD
STA 10+60.67 TO STA 10+84.22



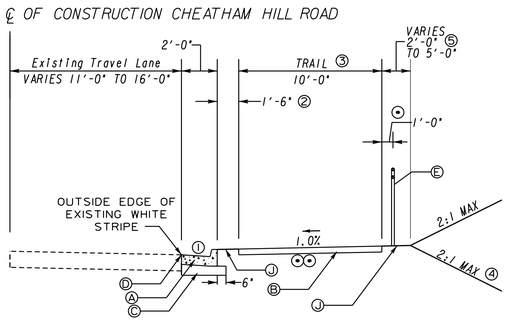
TYPICAL SECTION #3 CHEATHAM HILL ROAD
STA 53+06.59 TO STA 53+97.71



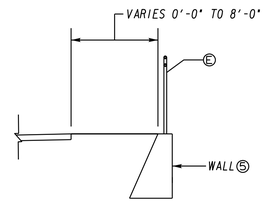
TYPICAL FULL DEPTH PAVEMENT SECTION
AS DIRECTED BY ENGINEER



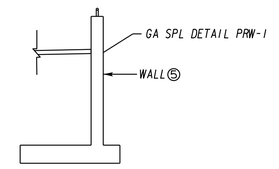
TYPICAL MILL & INLAY PAVEMENT SECTION
SEE PLANS FOR LOCATIONS



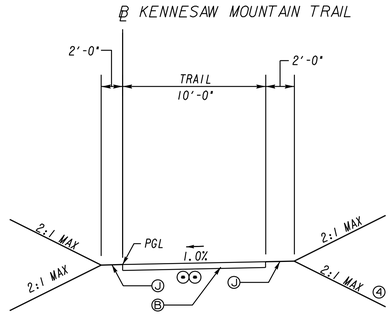
TYPICAL SECTION #2 CHEATHAM HILL ROAD
STA 11+26.30 TO STA 53+06.59
STA 53+97.71 TO STA 65+09.00
STA 68+00.00 TO STA 69+02.16
STA 76+00.00 TO STA 96+64.56
STA 107+41.45 TO STA 119+31.17



TYPICAL SECTION #4 CHEATHAM HILL ROAD
STA 62+61.71 TO STA 64+75.21
STA 87+30.90 TO STA 88+39.73



TYPICAL SECTION #5 CHEATHAM HILL ROAD
STA 69+02.16 TO STA 76+00.00



TYPICAL SECTION #6 CHEATHAM HILL ROAD
STA 96+64.56 TO STA 107+41.45

(A) CONC CURB & GUTTER, 8 IN X 24 IN, TP 2
(B) CONC. SIDEWALK, 6 IN
(C) GR AGGR BASE CRS, 6 INCH, INCL MATL
(D) SAW CUT
(E) ORNAMENTAL FENCE - SEE DWG. NO. 38-0002
(J) SOD, BERMUDA TIFWAY
(K) CONC. SIDEWALK, 8 IN
(L) RECYCLED ASPH CONC 12.5 MM (1½") SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (165 LBS/SY)
(M) RECYCLED ASPH CONC 19 MM (2") SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LBS/SY)
(N) RECYCLED ASPH CONC 25 MM (4") SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (440 LBS/SY)
(O) GR AGGR BASE CRS, 10 INCH, INCL MATL
(P) MILL ASPH CONC PVMT, VARIABLE DEPTH (AS DIRECTED)
(Q) 4" COLORED STAMPED CONCRETE - TILE RED, FEDERAL STANDARD 595B, COLOR #31310

NOTES:

(1) SEE PLANS FOR EXISTING AND PROPOSED CURB AND GUTTER LOCATION.
(2) TYPICAL GRASS STRIP WIDTH IS 1'-6". GRASS STRIP WIDTH VARIES 0'-0" TO 15'-0" TO AVOID UTILITY CONFLICTS AND RIGHT OF WAY CONSTRAINTS. SEE PLANS FOR LOCATIONS.
(3) TYPICAL TRAIL WIDTH IS 10'-0". REDUCED TRAIL WIDTH OF 8'-0" USED TO AVOID UTILITY CONFLICTS AND RIGHT OF WAY CONSTRAINTS. SEE PLANS FOR LOCATIONS.
(4) SEE DITCH DETAIL 1.
(5) SEE PLANS AND 31-SERIES FOR WALL TYPE, DETAILS AND LOCATIONS.
(*) SEE SHT 05-0002
(**) 6" GAB IN LIEU OF 95% COMPACTION AT CONTRACTOR'S COST

CHEATHAM HILL

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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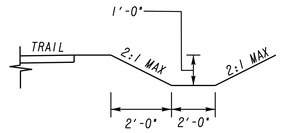
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

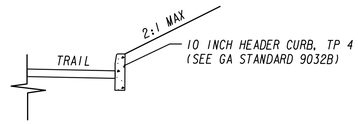
DRAWING No. 05-0001

7/31/2015 GPLN



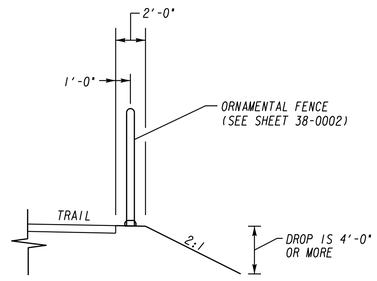
DITCH DETAIL 1

STA 22+46.90 TO STA 23+69.45
STA 23+83.18 TO STA 25+47.26
STA 26+29.40 TO STA 27+80.46
STA 32+59.91 TO STA 33+29.95
STA 69+50.00 TO STA 70+97.39
STA 106+50.00 TO STA 110+43.41



DETAIL AT HEADER CURB SECTION

STA 16+00.00 TO STA 16+34.44
STA 16+44.59 TO STA 16+54.00
STA 77+25.00 TO STA 77+96.00



⊙ SHOULDER DETAIL AT FENCE SECTION

STA 23+00.00 TO STA 24+81.00
STA 50+01.32 TO STA 50+38.67
STA 50+98.00 TO STA 51+50.00
STA 55+00.00 TO STA 56+70.00
STA 62+61.71 TO STA 64+75.21
STA 86+12.00 TO STA 86+92.00
STA 87+30.90 TO STA 88+39.73
STA 96+50.00 TO STA 96+98.44
STA 107+10.00 TO STA 108+00.00

(A) CONC CURB & GUTTER, 8 IN X 24 IN, TP 2
(B) CONC. SIDEWALK, 6 IN
(C) GR AGGR BASE CRS, 6 INCH, INCL MATL
(D) SAW CUT
(E) ORNAMENTAL FENCE - SEE DWG. NO. 38-0002
(J) SOD, BERMUDA TIFWAY
(K) CONC. SIDEWALK, 8 IN
(L) RECYCLED ASPH CONC 12.5 MM (1½") SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (165 LBS/SY)
(M) RECYCLED ASPH CONC 19 MM (2") SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LBS/SY)
(N) RECYCLED ASPH CONC 25 MM (4") SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (440 LBS/SY)
(O) GR AGGR BASE CRS, 10 INCH, INCL MATL
(P) MILL ASPH CONC PVMT, VARIABLE DEPTH (AS DIRECTED)
(Q) 4" COLORED STAMPED CONCRETE - TILE RED, FEDERAL STANDARD 595B, COLOR #31310

NOTES:

(1) SEE PLANS FOR EXISTING AND PROPOSED CURB AND GUTTER LOCATION.

(2) TYPICAL GRASS STRIP WIDTH IS 1'-6". GRASS STRIP WIDTH VARIES 0'-0" TO 15'-0" TO AVOID UTILITY CONFLICTS AND RIGHT OF WAY CONSTRAINTS. SEE PLANS FOR LOCATIONS.

(3) TYPICAL TRAIL WIDTH IS 10'-0". REDUCED TRAIL WIDTH OF 8'-0" USED TO AVOID UTILITY CONFLICTS AND RIGHT OF WAY CONSTRAINTS. SEE PLANS FOR LOCATIONS.

(4) SEE DITCH DETAIL 1.

(5) SEE PLANS AND 31-SERIES FOR WALL TYPE, DETAILS AND LOCATIONS.

(*)(*) 6" GAB IN LIEU OF 95% COMPACTION AT CONTRACTOR'S COST

CHEATHAM HILL

Heath & Lineback Engineers
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2390 CANTON ROAD, BUILDING 200
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(770)424-1668

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COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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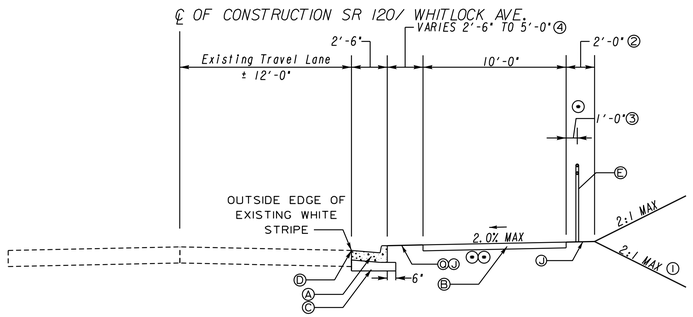
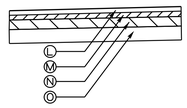
DRAWING No.
05-0002

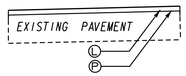
7/31/2015 GPLN



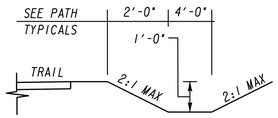
TYPICAL SECTION #1 SR 120/ WHITLOCK AVENUE
STA 200+55.82 TO STA 225+39.25



TYPICAL FULL DEPTH PAVEMENT SECTION
AS DIRECTED BY ENGINEER

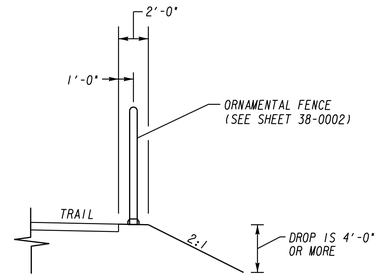


TYPICAL MILL & INLAY PAVEMENT SECTION
SEE PLANS FOR LOCATIONS



DITCH DETAIL 1

STA 200+85.00 TO STA 203+99.83
STA 203+99.83 TO STA 212+02.65
STA 213+45.42 TO STA 222+60.49

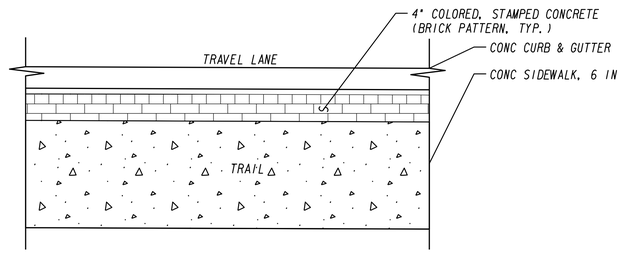


⊙ SHOULDER DETAIL AT FENCE SECTION

STA 200+89.47 TO STA 201+24.47
STA 202+07.30 TO STA 211+17.44
STA 213+75.00 TO STA 214+30.00
STA 217+34.00 TO STA 219+10.00
STA 220+35.00 TO STA 222+18.86

DETAIL AT HEADER CURB SECTION

STA 223+00.00 TO STA 224+50.00



PLAN VIEW DETAIL FOR PLACEMENT OF COLORED, STAMPED CONCRETE

NOTE: COLORED STAMPED CONCRETE SHALL BE MEASURED AND PAID FOR UNDER ITEM NUMBER 441-0104 CONC SIDEWALK, 4 IN. THE COLOR SHALL BE TILE RED, FEDERAL STANDARD 595B, COLOR #31310

(A) CONC CURB & GUTTER, 8 IN X 24 IN, TP 2
(B) CONC. SIDEWALK, 6 IN
(C) GR AGGR BASE CRS, 6 INCH, INCL MATL
(D) SAW CUT
(E) ORNAMENTAL FENCE - SEE DWG. NO. 38-0002
(J) SOD, BERMUDA TIFWAY
(K) CONC. SIDEWALK, 8 IN
(L) RECYCLED ASPH CONC 12.5 MM (1½") SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (165 LBS/SY)
(M) RECYCLED ASPH CONC 19 MM (2") SUPERPAVE, GP 1OR 2, INCL BITUM MATL & H LIME (220 LBS/SY)
(N) RECYCLED ASPH CONC 25 MM (4") SUPERPAVE, GP 1OR 2, INCL BITUM MATL & H LIME (440 LBS/SY)
(O) GR AGGR BASE CRS, 10 INCH, INCL MATL
(P) MILL ASPH CONC PVMT, VARIABLE DEPTH (AS DIRECTED)
(Q) 4" COLORED STAMPED CONCRETE - TILE RED, FEDERAL STANDARD 595B, COLOR #31310

NOTES:

(1) SEE DITCH DETAIL 1

(2) SHOULDER VARIES 2'-0" TO 5'-0" TO KEEP SHOULDER SLOPE OUTSIDE OF ROADWAY AND TRAIL CLEAR ZONE. SEE PLANS FOR LOCATIONS

(3) SEE STANDARD APPROACH AND DEPARTURE TAPER DETAIL FOR HANDRAIL

(4) TYPICAL STAMPED CONCRETE WIDTH IS 2'-6". STAMPED CONCRETE WIDTH VARIES 0'-0" TO 2'-6" TO AVOID UTILITY CONFLICTS AND RIGHT OF WAY CONSTRAINTS. SEE PLANS FOR LOCATIONS. RED STAMPED CONCRETE TO BE PAID FOR UNDER 4" CONCRETE SIDEWALK PAY ITEM PER GDOT DETAIL A3

(**) 6" IN LIEU OF 95% COMPACTION AT CONTRACTOR'S COST

SR 120

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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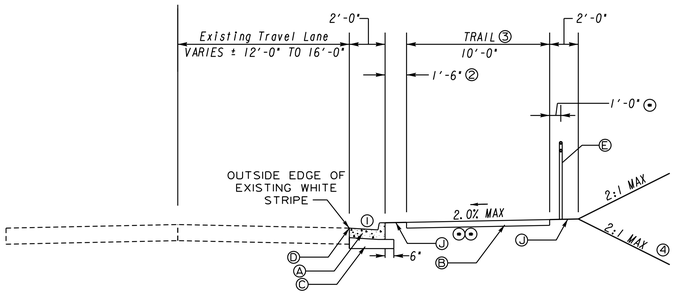
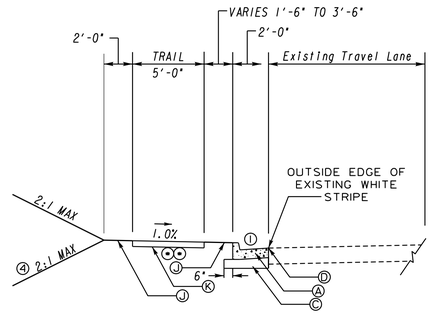
7/31/2015 GPLN

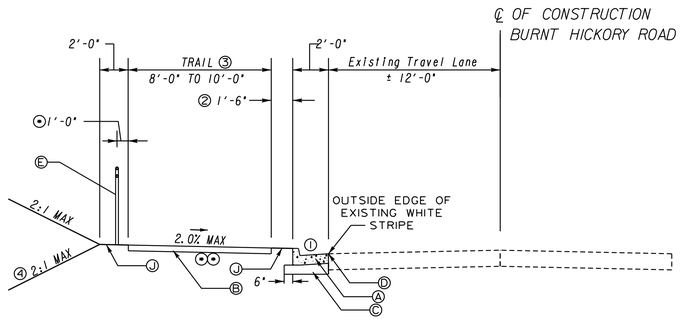


TYPICAL SECTION #1 BURNT HICKORY ROAD
STA 300+12.23 TO STA 304+04.63

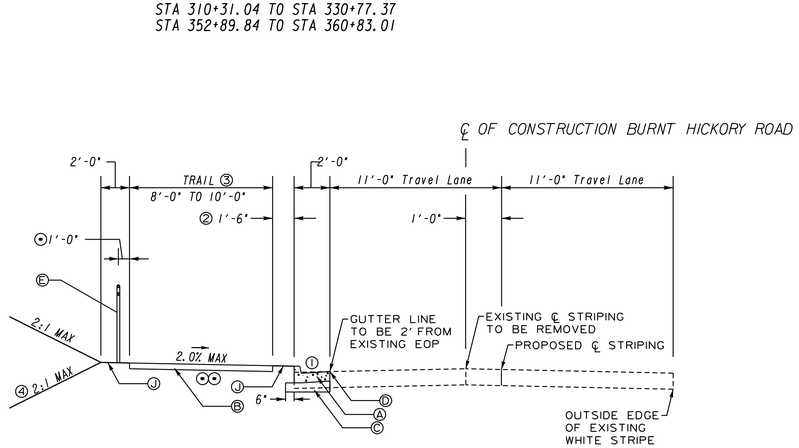
FROM STA 304+04.63 TO STA 310+27.89
NO CONSTRUCTION PROPOSED UTILIZE EXISTING 10' TRAIL



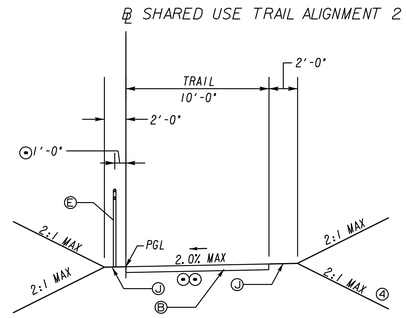
TYPICAL SECTION #2 BURNT HICKORY ROAD
STA 310+27.89 TO STA 310+31.04



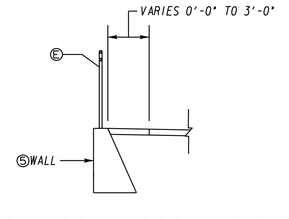
TYPICAL SECTION #3 BURNT HICKORY ROAD
STA 310+31.04 TO STA 330+77.37
STA 352+89.84 TO STA 360+83.01



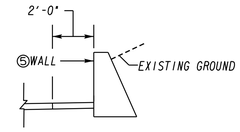
TYPICAL SECTION #4 BURNT HICKORY ROAD
STA 330+77.37 TO STA 352+89.84



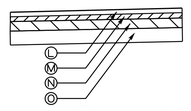
TYPICAL SECTION #5 BURNT HICKORY ROAD
STA 500+00.00 TO STA 504+92.28



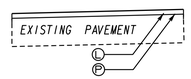
TYPICAL SECTION #6 BURNT HICKORY ROAD
STA 310+45.50 TO STA 310+97.52



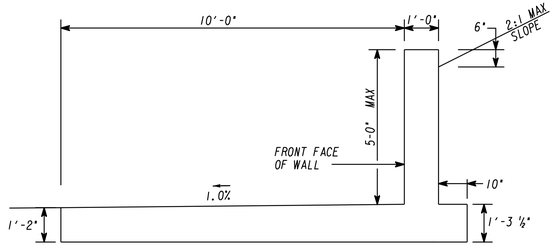
TYPICAL SECTION #7 BURNT HICKORY ROAD
STA 302+38.00 TO STA 303+80.00



TYPICAL FULL DEPTH PAVEMENT SECTION
AS DIRECTED BY ENGINEER



TYPICAL MILL & INLAY PAVEMENT SECTION
SEE PLANS FOR LOCATIONS



TYPICAL TURN UP DETAIL
SEE SHEET 38-0003
STA 326+50.00 TO STA 327+41.00

(A) CONC CURB & GUTTER, 8 IN X 24 IN, TP 2
(B) CONC. SIDEWALK, 6 IN
(C) GR AGGR BASE CRS, 6 INCH, INCL MATL
(D) SAW CUT
(E) ORNAMENTAL FENCE - SEE DWG. NO. 38-0002
(J) SOD, BERMUDA TIFWAY
(K) CONC. SIDEWALK, 8 IN
(L) RECYCLED ASPH CONC 12.5 MM (1½") SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (165 LBS/SY)
(M) RECYCLED ASPH CONC 19 MM (2") SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LBS/SY)
(N) RECYCLED ASPH CONC 25 MM (4") SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (440 LBS/SY)
(O) GR AGGR BASE CRS, 10 INCH, INCL MATL
(P) MILL ASPH CONC PVMT, VARIABLE DEPTH (AS DIRECTED)
(Q) 4" COLORED STAMPED CONCRETE - TILE RED, FEDERAL STANDARD 595B, COLOR #31310

NOTES:

(1) SEE PLANS FOR EXISTING AND PROPOSED CURB AND GUTTER LOCATION.

(2) TYPICAL GRASS STRIP WIDTH IS 1'-6". GRASS STRIP WIDTH VARIES 0'-0" TO 5'-0" TO AVOID UTILITY CONFLICTS AND RIGHT OF WAY CONSTRAINTS. SEE PLANS FOR LOCATIONS.

(3) TYPICAL TRAIL WIDTH IS 10'-0". REDUCED TRAIL WIDTH OF 8'-0" USED TO AVOID UTILITY CONFLICTS AND RIGHT OF WAY CONSTRAINTS. SEE PLANS FOR LOCATIONS.

(4) SEE DITCH DETAIL 1.

(5) SEE PLANS AND 31-SERIES FOR WALL TYPE, DETAILS AND LOCATIONS.

(*) SEE SHT 05-0005

(**) 6" GAB IN LIEU OF 95% COMPACTION AT CONTRTACTOR'S COST

BURNT HICKORY

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MARIETTA, GEORGIA 30066-5393
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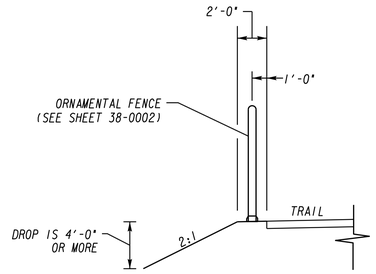
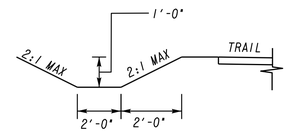
VERIFIED:		DATE:		

7/31/2015 GPLN



⊙ SHOULDER DETAIL AT FENCE SECTION

STA 310+45.22 TO STA 311+10.00
STA 333+50.00 TO STA 334+05.00
STA 341+42.00 TO STA 342+75.00
STA 346+83.00 TO STA 349+78.00
STA 352+55.00 TO STA 502+25.00



DITCH DETAIL 1

STA 311+05.00 TO STA 311+75.00
STA 329+95.00 TO STA 330+05.00

(A) CONC CURB & GUTTER, 8 IN X 24 IN, TP 2
(B) CONC. SIDEWALK, 6 IN
(C) GR AGGR BASE CRS, 6 INCH, INCL MATL
(D) SAW CUT
(E) ORNAMENTAL FENCE - SEE DWG. NO. 38-0002
(J) SOD, BERMUDA TIFWAY
(K) CONC. SIDEWALK, 8 IN
(L) RECYCLED ASPH CONC 12.5 MM (1½") SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME (165 LBS/SY)
(M) RECYCLED ASPH CONC 19 MM (2") SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LBS/SY)
(N) RECYCLED ASPH CONC 25 MM (4") SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (440 LBS/SY)
(O) GR AGGR BASE CRS, 10 INCH, INCL MATL
(P) MILL ASPH CONC PVMT, VARIABLE DEPTH (AS DIRECTED)
(Q) 4" COLORED STAMPED CONCRETE - TILE RED, FEDERAL STANDARD 595B, COLOR #31310

NOTES:

(1) SEE PLANS FOR EXISTING AND PROPOSED CURB AND GUTTER LOCATION.
(2) TYPICAL GRASS STRIP WIDTH IS 1'-6". GRASS STRIP WIDTH VARIES 0'-0" TO 5'-0" TO AVOID UTILITY CONFLICTS AND RIGHT OF WAY CONSTRAINTS. SEE PLANS FOR LOCATIONS.
(3) TYPICAL TRAIL WIDTH IS 10'-0", REDUCED TRAIL WIDTH OF 8'-0" USED TO AVOID UTILITY CONFLICTS AND RIGHT OF WAY CONSTRAINTS. SEE PLANS FOR LOCATIONS.
(4) SEE DITCH DETAIL 1.
(5) SEE PLANS AND 31-SERIES FOR WALL TYPE, DETAILS AND LOCATIONS.
(**) 6" GAB IN LIEU OF 95% COMPACTION AT CONTRTACTOR'S COST

BURNT HICKORY

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

N.T.S

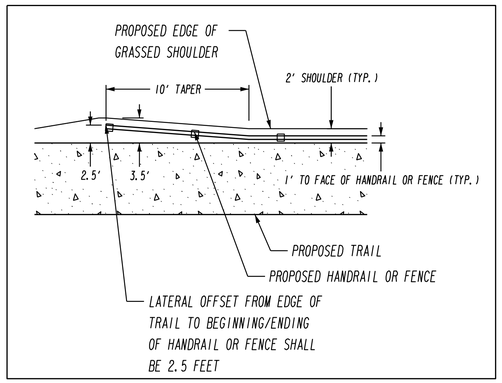
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

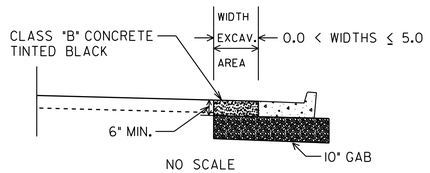
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 05-0005

7/31/2015 GPLN



STANDARD APPROACH AND DEPARTURE TAPER FOR HANDRAIL AND FENCE



NO SCALE

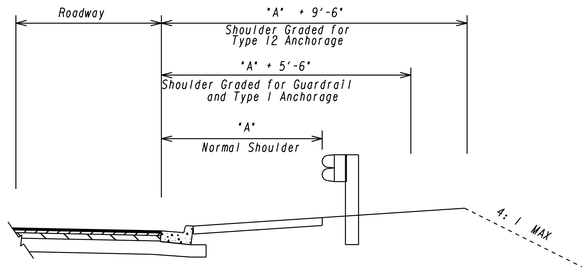
CLASS "B" CONCRETE BASE OR PAVEMENT WIDENING
ITEM CODE 500-9999 - CU. YDS.

IN EXCAVATED AREAS BETWEEN THE EXISTING PAVING AND NEW CURB AND GUTTER THAT ARE 5'-0" OR LESS IN WIDTH, CLASS "B" CONCRETE SHALL BE PLACED IN LIEU OF THE BASE AND PAVING SPECIFIED BY THE TYPICAL SECTION. PAYMENT WILL BE MADE UNDER "CLASS B CONCRETE BASE AND PAVEMENT WIDENING".

IN EXCAVATED AREAS GREATER THAN 5'-0" IN WIDTH, THE CONTRACTOR SHALL PLACE BASE AND PAVING AS SPECIFIED ON THE TYPICAL SECTION.

SEE PLANS FOR DETAILS OF CURB AND GUTTER CONSTRUCTION.

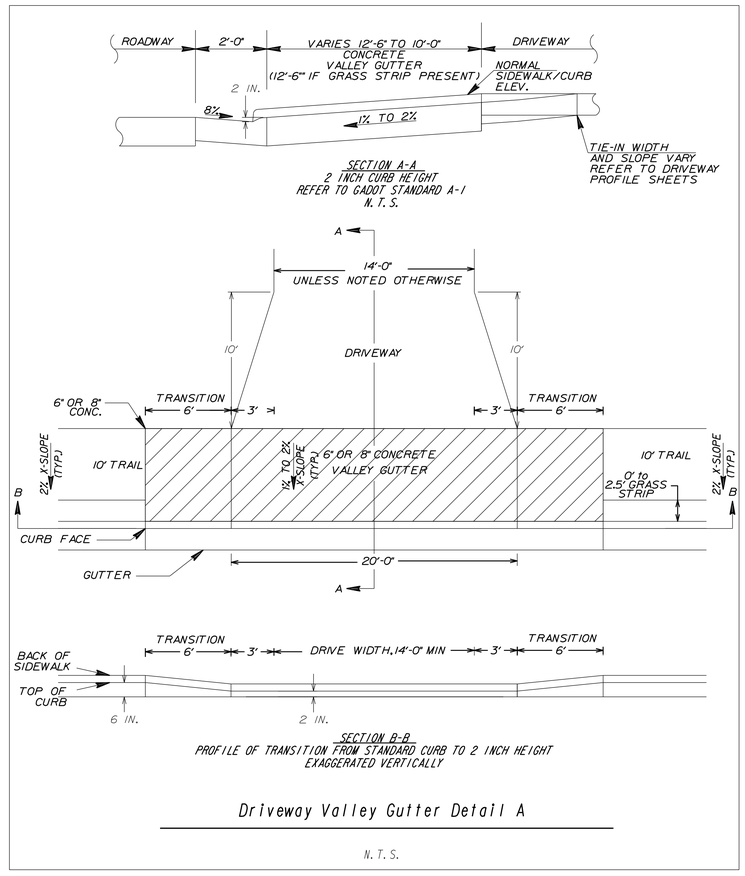
CLASS "B" CONCRETE BASE OR WIDENING DETAIL



URBAN SHOULDER DETAIL FOR GUARDRAIL

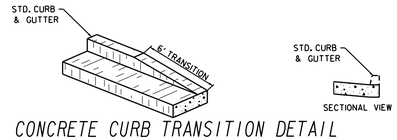
SEE PLAN FOR LOCATION

SEE GA STD 439I FOR DETAILS & CONSTRUCTION



Driveway Valley Gutter Detail A

N.T.S.



CONCRETE CURB TRANSITION DETAIL

AT ALL BEGIN AND END CURB & GUTTERS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

N. T. S

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		05-0006
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

SUMMARY OF QUANTITIES

ROADWAY

TRAFFIC CONTROL - 0015279	
TOTAL	1 LS
FIELD ENGINEERS OFFICE, TP 3	
TOTAL	1 EA
GRADING COMPLETE - 0015279	
TOTAL	1 LS
GPS DATA COLLECTION AND SUBMITTAL	
TOTAL	1 LS
TEMPORARY BARRIER, METHOD NO. 1 (AS DIRECTED BY ENGINEER)	
TOTAL	1000 LF
PORTABLE IMPACT ATTENUATOR	
TOTAL	6 EA
FOUND BKFILL MATL, TP 11	
TOTAL	200 CY

NON REIMBURSABLE ITEMS

CCWS

Item No.	Description	Unit	Bid Quantity
A-0140	Utility Allowance	ALL	1
A-0190	Exploratory Excavation Allowance	HR	40
G-0216	16-Inch Bore and Casing (for 8"-10" DIP)	LF	200
G-0308	Polyethylene Encasement on 8-Inch DIP	LF	250
G-0450	Adjust Existing Valve Box to Grade - In Pavement	EA	17
G-0450A	Adjust Valve Box to Grade - Out of Pavement	EA	2
W-0106	6-Inch Ductile Iron SJ CL 350 Water Main	LF	200
W-0108	8-Inch Ductile Iron SJ CL 350 Water Main	LF	8800
W-0108A	8-Inch Ductile Iron SJ CL 350 WM Extra Depth (0'-4')	LF	380
W-0306	6-Inch Gate Valve Assembly	EA	20
W-0308	8-Inch Gate Valve Assembly	EA	10
W-0406	6-Inch Valve Assembly Cut-In	EA	1
W-0508	8" x 6" Tapping Assembly	EA	1
W-0706	6-Inch Misc. MJ Fittings	TON	0.5
W-0706A	6-Inch Wedge Action Retainer Glands	EA	30
W-0708	8-Inch Misc. MJ Fittings	TON	5.5
W-0708A	8-Inch Wedge Action Retainer Glands	EA	160
W-0900	Remove Existing Fire Hydrant	EA	9
W-0900A	6 x 13 Anchor Couplings	EA	20
W-0900D	Horizontal Fire Hydrant Extension	LF	20
W-0904	Fire Hydrants - 4 Ft. Bury	EA	20
W-4006B	Connect to Existing 6-Inch Water Main - Cut-In	EA	5
W-4008	Connect to Existing 8-Inch Water Main - Wet Tap	EA	2
W-4008A	Connect to Existing 8-Inch Water Main-Wet No Tap	EA	6
W-4008B	Connect to Existing 8-Inch Water Main - Cut-In	EA	1
W-5000.75	3/4-Inch Service Line Replacement - Long Side	EA	1
W-5000.75A	3/4-Inch Service Line Replacement - Short Side	EA	13
W-8000A	Abandon Existing Valve Box in Pavement	EA	24
W-8006	Abandon Existing 6-Inch Water Main - In Place	EA	11
W-8008	Abandon Existing 8-Inch Water Main - In Place	EA	1

CCMWA

ITEM	DESCRIPTION	"EST. QTY"	UNIT
1	WATER MAINS 36" DIP, ZINC COATED, PRESSURE CLASS 200 (PAY ITEM 2.1)	1,510	LF
2	RESTRAINED JOINTS / MANUFACTURER'S PIPE RESTRAINT 36" (PAY ITEM 2.2)	23	EA
3	RESTRAINED JOINTS / MJ FITTING, RETAINER GLAND 36" (PAY ITEM 2.2)	20	EA
4	DUCTILE IRON FITTINGS, ZIINC COATED (PAY ITEM 2.3)	11,700	LB
5	VALVES 36" GATE VALVE, MJ X MJ, (PAY ITEM 2.4)	2	EA
6	AIR & VACCUM VALVE, 4" FLG COMBINATION AVV WITH 4" FLG GATE VALVE ON 36" LINE (PAY ITEM 2.5)	2	EA
7	CONCRETE MANHOLE ASSEMBLY, 8' DIAMTER, FOR GATE VALVES (PAY ITEM 2.6)	2	EA
8	CONCRETE MANHOLE ASSEMBLY, EXTRA PAYMENT FOR SECTIONS EXCEEDING TEN VF, 8' DIAMETER (PAY ITEM 2.6)	10	VF
9	CONCRETE MANHOLE ASSEMBLY, 6' DIAMETER, FOR AIR VALVES (PAY ITEM 2.6)	2	EA
10	CONCRETE MANHOLE ASSEMBLY, EXTRA PAYMENT FOR SECTIONS EXCEEDING TEN CF, 6' DIAMTER (PAY ITEM 2.6)	10	VF
11	POLYETHYLENE ENCASEMENT, 36" DOUBLE ENCASEMENT (PAY ITEM 2.7)	1,510	LF
12	SAMPLE TEST STATION OR PORT, EACH SIDE OF GATE VALVE (PAY ITEM 2.8)	4	EA
13	LOCATOR MARKER BALLS ON NEW PIPE AND FITTINGS (PAY ITEM 2.10)	40	EA
14	SUBGRADE STABILIZER STONE (PAY ITEM 2.11)	2,900	TON
15	MISCELLANEOUS CONCRETE (PAY ITEM 2.12)	30	CY
16	REINFORCING STEEL (PAY ITEM 2.13)	1,000	LB
17	REMOVE & REPLACE ASPHALT ROADWAYS, TRENCH WIDTH (PAY ITEM 2.14)	1,400	SY
18	BONDED JOINT (PAY ITEM 2.15)	90	EA
19	CATHODIC TEST STATION (PAY ITEM 2.16)	2	EA
20	REMOVE AND DISPOSE EXISTING 36" PCCP WATER MAIN (PAY ITEM 2.17)	1,510	LF
21	MJ PCCP ADAPTERS (PAY ITEM 2.18)	2	EA
22	CONNECTION TO EXISTING 36" PCCP MAIN NEAR STA: 62+15 (PAY ITEM 2.19)	1	LS
23	CONNECTION TO EXISTING 36" PCCP MAIN NEAR STA: 77+00 (PAY ITEM 2.19)	1	LS
24	MILLING OF 1.5 INCHES OF EXISTING ASPHALT (PAY ITEM 2.20)	4,425	SY
25	PAVING 1.5 INCHES OF GDOT 12.5 MM SUPERPAVE (PAY ITEM 2.21)	4,425	SY
26	THERMOPLASTIC PAVEMENT MARKING 6" SKIP (2:6) WHITE OR YELLOW (PAY ITEM 2.22)	1,810	LF
27	THERMOPLASTIC PAVEMENT MARKING 6" SOLID WHITE OR YELLOW (PAY ITEM 2.23)	1,810	LF
28	EXPLORATORY EXCAVATIONS FOR 36" PCCP OUTSIDE PAVEMENT (PAY ITEM 2.24)	10	EA
29	ADJUST VALVE BOX TO GRADE (PAY ITEM 2.25)	11	EA
30	ADJUST MANHOLE TO GRADE (PAY ITEM 2.26)	2	EA
31	ABANDON EXISTING 36" BFV (PAY ITEM 2.27)	1	EA
32	ABANDON EXISTING ARV AND MANHOLE (PAY ITEM 2.28)	1	EA
33	MOBILIZATION (PAY ITEM 2.29)	1	EA
34	**ALLOWANCE FOR FORCE ACCOUNT WORK**	**1**	**LS**
35	**ALLOWANCE FOR WATER MAIN DISINFECTION AND DECHLORINATION**	**1**	**LS**

ROADWAY

CONSTRUCTION ALLOWANCE	
TOTAL	1 LS
SPLOST SIGNS	
TOTAL	6 EA
PEACH ROAD SIGNS	
TOTAL	6 EA

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SUMMARY QUANTITIES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 06-0001

7/31/2015 GPLN

SUMMARY OF QUANTITIES

ROADWAY

DRIVEWAY CONCRETE, 6 IN THICKNESS	
TOTAL	1132 SY

CONC SIDEWALK, 6 IN	
TOTAL	10770 SY

CONCRETE SIDEWALK, 8 IN	
TOTAL	356 SY

CONC HEADER CURB, 10 IN, TP 4	
TOTAL	127 LF

CURB CUT WHEELCHAIR RAMP, TYPE D	
TOTAL	2 EA

CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	
TOTAL	6881 LF

CLASS A CONCRETE, INCL REINF STEEL	
LOCATION	VOLUME (CY)
16+54.00 TO 17+66.80	78.00
16+52.00 TO 17+03.00	202.00
TOTALS	280.00

REMOVE CONC MONUMENT	
TOTAL	1 EA

RESET CONC MONUMENT	
TOTAL	1 EA

RIGHT OF WAY MARKERS	
TOTAL	89 EA

RIGHT OF WAY, PROPERTY LINE IRON PIN	
TOTAL	8 EA

GUARDRAIL, TP T	
TOTAL	48 LF

GUARDRAIL, TP W (PAINTED, SEE SP)	
TOTAL	132 LF

GUARDRAIL ANCHORAGE, TP 1	
TOTAL	1 EA

GUARDRAIL TERMINAL TP 12A, 31 IN, TANGENT, ENERGY ABSORBING	
TOTAL	1 EA

WOOD FENCE - 4' SPLIT RAIL		
LOCATION	TYPE	LENGTH (LF)
16+30.67 TO 16+35.48	4' SPLIT	27
97+45.39 TO 98+93.23	4' SPLIT	149
	TOTALS	176

CONC VALLEY GUTTER, 6 IN	
TOTAL	967 SY

SURFACING QUANTITIES		
ITEMS	UNIT	TOTALS
REQUIRED PAVEMENT		
AGGR SURF CRS	TN	899
GR AGGR BASE CRS, 6 INCH, INCL MATL	SY	2496
2 IN RECYC ASP CON 19 MM SUPERPAVE GP1 OR GP2 INCL BIT & HL (AS DIRECTED)	SY	16
4 IN RECYC ASP CON 25 MM SUPERPAVE GP1 OR GP2 INCL BIT & HL (AS DIRECTED)	SY	16
1½IN RECYC ASP CON 12.5 MM SUPERPAVE GP2 ONLY INCL BM & HL	SY	303
TACK COAT	GL	8
MILL ASPH CONC PVMT, VARIABLE DEPTH	SY	100

DRIVEWAY QUANTITIES			⊛⊛⊛ 6" CONCRETE VALLEY GUTTER	⊛⊛⊛ 1½ IN RECYC ASP CON 12.5 MM SUPERPAVE	⊛⊛⊛ GAB CRS, 6 INCH	⊛⊛⊛ 6 INCH DRWY CONC	⊛⊛⊛ AGGR SURF CRS
ITEM	UNIT	QUANTITY	SY	SY	SY	SY	TN
CONCRETE	SF	6969.05	709.00	-	-	1132.00	14.00
ASPHALT	SF	1817.54	258.00	202.00	202.00	-	5.00
		TOTAL	967.00	202.00	202.00	1132.00	19.00

⊛⊛⊛ QUANTITIES INCLUDED IN PAVEMENT TOTALS ABOVE

CLASS B CONC, BASE OR PVMT WIDENING (BLACK TINT)	
TOTAL (AS DIRECTED)	4 CY

RESET FENCE	
LOCATION	LENGTH (LF)
61+36.50 TO 61+51.50	15
TOTALS	15

REMOVE FENCE - ALL TYPES & SIZES	
LOCATION	LENGTH (LF)
61+36.50 TO 61+51.50	15
TOTALS	15

MISCELLANEOUS CNST - TIMBER STAIRS	
TOTAL	1 LS

WOOD FENCE - 3' SPLIT RAIL		
LOCATION	TYPE	LENGTH (LF)
16+34.16 TO 16+95.60	3' SPLIT	61
	TOTALS	61

POLYKOTE BLACK STEEL PIPE HANDRAIL OR EQIV - EXISTING PARAPET HANDRAIL	
TOTAL	60 LF

REMOVE HISTORIC MARKER, CAST IRON	
TOTAL	2 EA

RESET HISTORIC MARKER, CAST IRON	
TOTAL	2 EA

⊛ SAWCUT - ASPHALT VARIABLE DEPTH	
TOTAL	6881 LF

⊛ TO BE PAID FOR UNDER GRADING COMPLETE

UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	
TOTAL (AS DIRECTED)	100 LF

FLOWABLE FILL	
TOTAL (AS DIRECTED)	10 CY

REMOVE GATE	
LOCATION	EA
54+80.00	1
110+63.00	1
TOTALS	2

RESET GATE	
LOCATION	EA
54+80.00	1
110+63.00	1
TOTALS	2

ORNAMENTAL FENCE	
LOCATION	LENGTH (LF)
23+00.00 TO 24+81.00	182.08
50+01.32 TO 50+38.67	30.68
50+98.00 TO 51+50.00	51.37
55+00.00 TO 56+70.00	170.18
62+61.67 TO 64+75.21	213.60
86+12.00 TO 86+92.00	80.22
87+30.90 TO 88+39.73	108.83
96+50.00 TO 96+98.44	49.59
TOTALS	887.00

EROSION

CONSTRUCTION EXIT	
TOTAL	2 EA

MAINTENANCE OF CONSTRUCTION EXIT	
TOTAL	2 EA

CONSTRUCT & REMOVE RIP RAP CHK DAMS, STONE PLAIN RIP RAP/ SAND BAGS	
TOTAL	3 EA

CONSTRUCT & REMOVE STONE FILTER RING	
TOTAL	21 EA

EROSION

CONSTRUCT & REMOVE COMPOST FILTER SOCK, 18 IN	
TOTAL	2426 LF

CONSTRUCT & REMOVE ROCK FILTER DAMS	
TOTAL	1 EA

CONSTRUCT & REMOVE INLET SEDIMENT TRAP	
TOTAL	56 EA

MAINTENANCE OF TEMP SILT FENCE, TP C	
TOTAL	11275 LF

MAINTENANCE CHK DAMS - ALL TYPES	
TOTAL	50 LF

MAINTENANCE OF STONE FILTER RING	
TOTAL	21 EA

MAINTENANCE OF COMPOST FILTER SOCK (ALL SIZES)	
TOTAL	2426 LF

MAINTENANCE OF INLET SEDIMENT TRAP	
TOTAL	56 EA

MIANTENANCE OF ROCK FILTER DAM	
TOTAL	1 EA

WATER QUALITY MONITORING AND SAMPLING	
TOTAL	4 EA

WATER QUALITY INSPECTION	
TOTAL	30 MO

TEMP SILT FENCE, TYP C	
TOTAL	22550 LF

TURF REINFORCING MATTING, TP 1	
TOTAL	340 SY

STN DUMPED RIP RAP, TP 3, 18 IN	
STANDARD	466 SY
RIVER ROCK	24 SY
TOTAL	490 SY

STN DUMPED RIP RAP, TP 1, 24 IN	
TOTAL	17 SY

PLASTIC FILTER FABRIC	
TOTAL	507 SY

BARRIER FENCE (ORANGE), 4 FT	
TOTAL	4150 LF

EROSION CONTROL MATS, SLOPES	
TOTAL	5867 SY

CHEATHAM HILL

Heath & Lineback Engineers
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2390 CANTON ROAD, BUILDING 200
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SUMMARY QUANTITIES
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DRAWING No. 06-0002

7/31/2015 GPLN

SUMMARY OF QUANTITIES

DRAINAGE

Structure No.	Location	Station	Offset	Side Drain Pipes(LF)	Storm Drain Pipes (LF)			Safety End Section 1122	FLARED END SECTION, 15" SIDE DRAIN	Flared End Section 1120			Manhole Standard 1011 A Adjust to Grade	Manhole Standard 1011 A			Catch Basin 1033D & 1034D		Drop Inlet			Catch Basin 1033D & 1034D	Catch Basin 1033D & 1034D	Drop Inlet 1019A
				15"	18"	24"	36"	18"	15"	18"	24"	36"	Each	Each	ADDTL DEPTH (LF)	ADDTL DEPTH (LF)	Each	ADDTL DEPTH (LF)	Each	TYPE	ADDTL DEPTH (LF)	Lid, Complete Replacement	Reconstruct	Reconstruct
				H 1-10	H 1-10	H 1-10	H 1-10	Each	Each	Each	Each	Each			CLASS 1	CLASS 2						Each	Each	Each
A1	Cheatham Hill Road	12+49.55	16.57' RT		EXIST																	1		
A2	Cheatham Hill Road	13+27.51	16.83' RT		EXIST																	1		
A3	Cheatham Hill Road	14+02.92	17.31' RT		EXIST																	1		
A4	Cheatham Hill Road	15+10.78	15.97' RT		EXIST																	1		
A5	Cheatham Hill Road	15+78.56	16.96' RT		EXIST																	1		
A5A	Cheatham Hill Road	17+71.00	21.97' RT		EXIST														1	1019A		1		
A6	Cheatham Hill Road	17+80.45	21.66' RT		EXIST																	1		
A6A	Cheatham Hill Road	18+38.96	21.28' RT		235									1										
A7	Cheatham Hill Road	20+78.01	23.47' RT		311												1	3.3						
A8A	Cheatham Hill Road	25+62.83	23.47' RT			165											1							
A8B	Cheatham Hill Road	25+97.27	35.13' RT		33														1	1019A				
A9	Cheatham Hill Road	23+93.68	23.69' RT			EXIST											1	4.45						
A13	Cheatham Hill Road	23+75.89	50.40' RT			24																		
B1	Cheatham Hill Road	31+25.25	23.83' RT		70												1							
B1A	Cheatham Hill Road	31+97.63	23.78' RT		79												1							
B1B	Cheatham Hill Road	32+79.46	24.32' RT		36												1							
B1C	Cheatham Hill Road	32+96.55	36.09' RT		27														1	9031S				
B2	Cheatham Hill Road	33+26.33	22.13' RT		13												1	0.92						
B3	Cheatham Hill Road	33+26.82	34.67' RT		9														1	9031S				
B3A	Cheatham Hill Road	33+70.75	30.44' RT		41									1	0.4									
B3B	Cheatham Hill Road	33+16.67	13.34' RT			26													1	1019A	0.63			
B4	Cheatham Hill Road	33+16.77	16.41' LT			EXIST																	1	
C7	Cheatham Hill Road	52+00.69	20.44' RT		89												1							
C8	Cheatham Hill Road	52+92.41	21.14' RT		9												1							
C9	Cheatham Hill Road	52+92.41	37.80' RT							1														
D5	Cheatham Hill Road	54+33.06	20.08' RT		10												1							
D6	Cheatham Hill Road	54+32.66	37.59' RT							1														
E1	Cheatham Hill Road	69+72.21	16.12' RT		101												1							
E2	Cheatham Hill Road	70+76.76	15.43' RT			9											1	4.83						
E3	Cheatham Hill Road	72+20.58	15.57' RT		140												1							
F1	Cheatham Hill Road	76+20.60	15.88' RT				23										1	0.83						
F2	Cheatham Hill Road	76+00.41	34.77' RT				46							1	1.49									
F3	Cheatham Hill Road	75+52.16	34.56' RT									1												
G1	Cheatham Hill Road	86+76.18	21.85' RT			11											1	0.31						
G1A	Cheatham Hill Road	88+00.00	22.29' RT			121											1	0.4						
G2	Cheatham Hill Road	89+27.00	20.99' RT			124											1	0.55						
G3	Cheatham Hill Road	91+00.00	17.00' RT		169												1							
G4	Cheatham Hill Road	92+50.00	16.39' RT		145												1							
G5	Cheatham Hill Road	86+70.04	34.86' RT			11					1													
H1	Cheatham Hill Road	107+66.91	27.51' RT		92	121											1	0.31						
H2	Cheatham Hill Road	108+89.06	23.97' RT		131	124											1							
H3	Cheatham Hill Road	111+00.00	23.80' RT		210												1							

NOTE: CONTRACTOR SHALL INCLUDE REINFORCEMENT AND JOINT FILLER IN THE COST FOR THE RECESSED CATCH BASINS. SEE 38-SERIES FOR DETAILS.

CHEATHAM HILL

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SUMMARY QUANTITIES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 06-0003

7/31/2015 GPLN

DRAINAGE

SUMMARY OF QUANTITIES

Structure No.	Location	Station	Offset	Side Drain Pipes(LF)	Storm Drain Pipes (LF)			Safety End Section 1122	FLARED END SECTION, SIDE DRAIN	Flared End Section 1120			Manhole Standard 1011 A Adjust to Grade	Manhole Standard 1011 A			Catch Basin 1033D & 1034D		Drop Inlet			Catch Basin 1033D & 1034D	Catch Basin 1033D & 1034D	Drop Inlet 1019A
				15"	18"	24"	36"	18"	15"	18"	24"	36"	Each	Each	ADDTL DEPTH (LF)	ADDTL DEPTH (LF)	Each	ADDTL DEPTH (LF)	Each	TYPE	ADDTL DEPTH (LF)	Lid, Complete Replacement	Reconstruct	Reconstruct
				H 1-10	H 1-10	H 1-10	H 1-10	Each	Each	Each	Each	Each			CLASS 1	CLASS 2						Each	Each	Each
H3A	Cheatham Hill Road	111+41.13	18.21' RT		37									1										
H4	Cheatham Hill Road	112+23.89	15.28' RT		EXIST																	1		
H5	Cheatham Hill Road	113+23.52	14.83' RT		EXIST																	1		
H6	Cheatham Hill Road	107+57.20	43.16' RT		7					1														
H7	Cheatham Hill Road	106+76.38	76.38' RT					1																
I1	Cheatham Hill Road	117+95.63	17.47' RT		EXIST														EXIST					
I1A	Cheatham Hill Road	118+14.72	23.29' RT		EXIST								1											
I2	Cheatham Hill Road	118+48.69	16.37' RT		EXIST														EXIST					
I3	Cheatham Hill Road	119+42.73	18.16' RT		EXIST												EXIST							
I4	Cheatham Hill Road	117+32.73	155.31' LT		EXIST												EXIST							
I5A	Cheatham Hill Road	119+12.95	86.46' LT		EXIST									EXIST										
I5	Cheatham Hill Road	119+04.34	67.32' LT		EXIST														EXIST					
I6	Cheatham Hill Road	119+45.71	24.65' LT		EXIST												EXIST							
J-1	Cheatham Hill Road	61+49.53	22.94' RT		25												1							
J-2	Cheatham Hill Road	61+26.93	77.35' RT		EXIST																			1
J-3	Cheatham Hill Road	61+37.41	49.75' RT		26									1	3.04									
N1	Cheatham Hill Road	26+19.44	36.12' RT		38														1	1019A				
N2	Cheatham Hill Road	26+59.20	24.72' RT		107												1							
N3	Cheatham Hill Road	27+68.93	23.65' RT		EXIST																		1	
N4	Cheatham Hill Road	28+25.24	26.76' RT		52									1										
N5	Cheatham Hill Road	28+49.30	27.89' RT		20												1							
N6	Cheatham Hill Road	27+69.19	33.16' RT		1					1														
N7	Cheatham Hill Road	27+69.19	32.73' RT		6					1														
Drwy Pipe	Cheatham Hill Road	22+87.00	41.39' RT		23					2														
HDPE Pipe	Cheatham Hill Road	98+60.00	-	11.37					2															
HDPE Pipe	Cheatham Hill Road	99+70.00	-	10.14					2															
HDPE Pipe	Cheatham Hill Road	102+54.00	-	7.50					2															
HDPE Pipe	Cheatham Hill Road	102+84.00	-	5.51					2															
			Total:	35.00	2292.00	480	69	1	8	7	1	1	1	6	5	0	25	16	6	0	1.00	9	2	1

NOTE: CONTRACTOR SHALL INCLUDE REINFORCEMENT AND JOINT FILLER IN THE COST FOR THE RECESSED CATCH BASINS. SEE 38-SERIES FOR DETAILS.

CONCRETE SPILLWAY, SPECIAL DESIGN	
LOCATION & SIDE	EACH
50+18.51, 17.96' RT	1
TOTALS	1

CLASS A CONC, INCL REINF STEEL		
INLET/OUTLET HEADWALL (GA STD 1125)		CY
LOCATION & SIDE	23+75.89, 50.40' RT	2
	TOTALS	2

GRASSING

GRASSING			MULCH	FERTILIZER MIXED GRADE	FERTILIZER NITROGEN CONTENT	AGRICULTURAL LIME
ITEM	UNIT	QUANTITY	TN	TN	LB	TN
PERMANENT GRASSING	AC	4	13	2.4	207	13
TEMPORARY GRASSING	AC	2	7	0.4	-	-
DISTURBED AREAS	AC	7	74	1.2	-	-
		TOTAL	94	4	207	13

SOD, BERMUDA TIFWAY	
TOTAL	6670 SY

CHEATHAM HILL

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SUMMARY QUANTITIES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
06-0004

SUMMARY OF QUANTITIES

SIGNS

Road Name	Station	Sign Code	Size (in) Width	Size (in) Height	TP1/TP11 (sf)	Type 7 Post Length (ft)	No. Post Each (ea)
Cheatham Hill Road	11+25.00	R1-2	36	36	9.00	13.00	1
Cheatham Hill Road	12+21.00	W11-2	30	30	14.50	36.14	2
		W11-7	30	30			
		W16-9P	24	12			
Cheatham Hill Road	13+85.00	R2-1	24	30	5.00	12.50	1
Cheatham Hill Road	19+20.00	W1-4R	18	18	4.00	13.87	1
		W13-1P	12	12			
		W16-8P	12	9			
Cheatham Hill Road	22+26.00	W1-4L	18	18	4.00	13.87	1
		W13-1P	12	12			
		W16-8P	12	9			
Cheatham Hill Road	24+25.00	W2-2R	30	30	7.38	14.29	1
		W16-8P	18	9			
Cheatham Hill Road	25+24.00	W1-4R	18	18	4.00	13.87	1
		W13-1P	12	12			
		W16-8P	12	9			
Cheatham Hill Road	25+93.00	D3-1	47	9	13.13	12.17	1
		D3-1	47	9			
		D3-1	26	9			
		D3-1	26	9			
		W14-2A	36	8			
		W14-2A	36	8			
Cheatham Hill Road	26+22.00	R1-1	30	30	6.25	12.50	1
Cheatham Hill Road	27+09.00	W1-4R	18	18	4.00	13.87	1
		W13-1P	12	12			
		W16-8P	12	9			
Cheatham Hill Road	27+70.00	W1-4L	18	18	4.00	13.87	1
		W13-1P	12	12			
		W16-8P	12	9			
Cheatham Hill Road	29+81.00	W1-4L	18	18	4.00	13.87	1
		W13-1P	12	12			
		W16-8P	12	9			
Cheatham Hill Road	31+13.00	W2-2R	30	30	8.00	14.29	1
		W16-8P	28	9			
Cheatham Hill Road	32+13.00	W1-1L	30	30	8.50	15.04	1
		W13-1P	18	18			
Cheatham Hill Road	35+13.00	D3-1	46	9	10.50	11.50	1
		D3-1	46	9			
		D3-1	38	9			
		D3-1	38	9			
Cheatham Hill Road	35+42.00	R1-1	30	30	6.25	12.50	1
Cheatham Hill Road	36+04.00	W1-8L	18	24	3.00	12.00	1
Cheatham Hill Road	37+02.00	W1-8L	18	24	3.00	12.00	1
Cheatham Hill Road	37+91.00	W1-8L	18	24	3.00	12.00	1
Cheatham Hill Road	39+30.00	W2-1	30	30	14.25	15.54	1
		W16-8P	48	24			
Cheatham Hill Road	40+55.00	W1-4L	18	18	4.00	13.87	1
		W13-1P	12	12			
		W16-8P	12	9			
Cheatham Hill Road	42+10.00	W1-1R	30	30	8.50	15.04	1
		W13-1P	18	18			
Cheatham Hill Road	43+10.00	W1-4R	18	18	4.00	13.87	1
		W13-1P	12	12			
		W16-8P	12	9			

REMOVE EXIST TRAFFIC STRIP, 24 IN THERMO (HYDRO OR SANDBLAST)	
TOTAL	82 LF

RAISED PVMT MARKERS TP 1	
TOTAL	2 EA

REMOVE EXIST TRAFFIC STRIP, 8 IN THERMO (HYDRO OR SANDBLAST)	
TOTAL	567 LF

SIGNS

Road Name	Station	Sign Code	Size (in) Width	Size (in) Height	TP1/TP11 (sf)	Type 7 Post Length (ft)	No. Post Each (ea)
Cheatham Hill Road	44+10.00	D3-1	47	9	10.63	11.50	1
		D3-1	47	9			
		D3-1	38	9			
		D3-1	38	9			
Cheatham Hill Road	44+50.00	R1-1	30	30	6.25	12.50	1
Cheatham Hill Road	48+21.00	OM3-R	12	36	3.00	13.00	1
Cheatham Hill Road	48+82.00	OM3-R	12	36	3.00	13.00	1
Cheatham Hill Road	49+47.00	OM3-R	12	36	3.00	13.00	1
Cheatham Hill Road	49+62.00	W1-4R	18	18	4.00	13.87	1
		W13-1P	12	12			
		W16-8P	12	9			
Cheatham Hill Road	50+05.00	OM3-R	12	36	3.00	13.00	1
Cheatham Hill Road	50+84.00	OM3-R	12	36	3.00	13.00	1
Cheatham Hill Road	51+35.00	OM3-R	12	36	3.00	13.00	1
Cheatham Hill Road	52+05.00	OM3-R	12	36	3.00	13.00	1
Cheatham Hill Road	52+79.00	W1-4L	18	18	4.00	13.87	1
		W13-1P	12	12			
		W16-8P	12	9			
Cheatham Hill Road	58+00.00	W2-2R	30	30	8.13	14.29	1
		W16-8P	30	9			
Cheatham Hill Road	60+38.00	D3-1	46	9	13.50	12.17	1
		D3-1	46	9			
		D3-1	30	9			
		D3-1	30	9			
		W14-2A	36	8			
		W14-2A	36	8			
Cheatham Hill Road	60+86.00	R1-1	30	30	6.25	12.50	1
Cheatham Hill Road	62+82.00	R2-1	24	30	5.00	12.50	1
Cheatham Hill Road	69+10.00	W11-3	30	30	6.25	13.54	1
Cheatham Hill Road	77+19.00	W1-4L	30	30	6.25	13.54	1
Cheatham Hill Road	90+44.00	W11-3	30	30	6.25	13.54	1
Cheatham Hill Road	93+56.00	HORSE/PED	30	30	6.25	13.54	1
Cheatham Hill Road	103+92.97	R2-1	24	30	5.00	12.50	1
Cheatham Hill Road	112+88.00	W2-6	30	30	10.38	15.79	1
		W16-8P	30	9			
		W13-1P	18	18			
Cheatham Hill Road	114+82.00	W3-2	30	30	6.25	13.54	1
Cheatham Hill Road	116+96.00	W11-2	30	30	8.25	14.54	1
		W16-7P	24	12			
Cheatham Hill Road	117+27.00	R1-2	36	36	9.00	13.00	1
Cheatham Hill Road	119+04.00	W11-2	30	30	8.25	14.54	1
		W16-7P	24	12			
				Total=	**279.63**	**614.54**	
				Rounded Total=	**280.00**	**615.00**	
				10% as directed=	**28.00**	**61.50**	
				Overall Rounded Total=	**308.00**	**677.00**	

CHEATHAM HILL

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SUMMARY QUANTITIES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 06-0005

7/31/2015 GPLN

SUMMARY OF QUANTITIES

MARKING

TRAFFIC STRIPE ITEMS	UNIT	STRIPING TOTALS
PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, YELLOW, TP PB	GLF	9795
THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	1444
THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	7386
THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	41
THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	81

WALL

SUMMARY OF WALL QUANTITIES

LOCATION	CLASS B CONCRETE, RETAINING WALL	CLASS A CONCRETE, TP P1, RETAINING WALL	CLASS A CONCRETE, TP P2, RETAINING WALL	CLASS A CONCRETE, TP P3, RETAINING WALL
	CY	LF	LF	LF
WALL NO. 1	93			
WALL NO. 2		48	600	50
WALL NO. 3	92			
TOTAL	185	48	600	50

SIGNAL

TRAFF SIGNAL INSTALLATION NO. 1 POWDER SPRINGS RD @ CHEATHAM HILL RD @ STA 10+60	
TOTAL	1 LS
TRAFF SIGNAL INSTALLATION NO. 2 REMOVE AND RESET RRFB @ STA 17+00	
TOTAL	1 LS
CONDUIT, NONMETL, TP 2, 1 IN	
TOTAL	35 LF
CONDUIT, NONMETL, TP 2, 2 IN	
TOTAL	70 LF
CONDUIT, NONMETL, TP 3, 2 IN	
TOTAL	100 LF
DIRECTIONAL BORE - 5"	
TOTAL	50 LF
HWY SIGNS, TP 1 MATL, REFL SHTING, TP 11	
TOTAL	9 LF
HWY SIGNS, TP 2 MATL, REFL SHTING, TP 11	
TOTAL	82 LF
GALV STEEL POST, TP 7	
TOTAL	25 LF

CHEATHAM HILL

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MARIETTA, GEORGIA 30066-5393
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SUMMARY QUANTITIES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 06-0006

7/31/2015 GPLN

SUMMARY OF QUANTITIES

ROADWAY

CONC VALLEY GUTTER, 8 IN	
TOTAL	53 SY

SURFACING QUANTITIES		
ITEMS	UNIT	TOTALS
REQUIRED PAVEMENT		
AGGR SURF CRS	TN	41
GR AGGR BASE CRS, 6 INCH, INCL MATL	SY	866
2 IN RECYC ASP CON 19 MM SUPERPAVE GP1 OR GP2 INCL BIT & HL (AS DIRECTED)	SY	4
4 IN RECYC ASP CON 25 MM SUPERPAVE GP1 OR GP2 INCL BIT & HL (AS DIRECTED)	SY	4
1½IN RECYC ASP CON 12.5 MM SUPERPAVE GP2 ONLY INCL BM & HL	SY	87
TACK COAT	GL	2

DRIVEWAY QUANTITIES			❀❀❀ 8" CONCRETE VALLEY GUTTER	❀❀❀ 1½ IN RECYC ASP CON 12.5 MM SUPERPAVE	❀❀❀ GAB CRS, 6 INCH	❀❀❀ 6 INCH DRWY CONC	❀❀❀ AGGR SURF CRS
ITEM	UNIT	QUANTITY	SY	SY	SY	SY	TN
ASPHALT	SF	232.88	53.33	26.00	26.00	-	1
		TOTAL	53.00	26.00	26.00	-	1

❀❀❀ QUANTITIES INCLUDED IN PAVEMENT TOTALS ABOVE

EROSION

CONSTRUCTION EXIT	
TOTAL	2 EA

MAINTENANCE OF CONSTRUCTION EXIT	
TOTAL	2 EA

CONSTRUCT & REMOVE STONE FILTER RING	
TOTAL	6 EA

CONSTRUCT & REMOVE RIP RAP CHK DAMS, STONE PLAIN RIP RAP/ SAND BAGS	
TOTAL	35 EA

CONSTRUCT & REMOVE COMPOST FILTER SOCK, 18 IN	
TOTAL	908 LF

CONSTRUCT & REMOVE INLET SEDIMENT TRAP	
TOTAL	18 EA

ROADWAY

CONC SIDEWALK, 6 IN	
TOTAL	2665 SY

CONCRETE SIDEWALK, 8 IN	
TOTAL	52 SY

CONCRETE HEADER CURB, 10 IN, TP 4	
TOTAL	151 LF

CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	
TOTAL	2520 LF

WOOD FENCE - STACKED		
LOCATION	TYPE	LENGTH (LF)
208+65.90 TO 212+04.84	STACKED	341
	TOTALS	341

❀ SAWCUT - ASPHALT VARIABLE DEPTH	
TOTAL	2520 LF

❀ TO BE PAID FOR UNDER GRADING COMPLETE

UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	
TOTAL (AS DIRECTED)	25 LF

FLOWABLE FILL	
TOTAL (AS DIRECTED)	3 CY

CLASS B CONC, BASE OR PVMT WIDENING (BLACK TINT)	
TOTAL (AS DIRECTED)	8 CY

❀❀❀ CONC SIDEWALK, 4 IN COLORED STAMPED CONCRETE - TILE RED, FEDERAL STANDARD 595B, COLOR #31310	
TOTAL	377 SY

❀❀❀ TO BE PAID FOR UNDER CONC SIDEWALK, 4 IN PER GA DETAIL A3

ORNAMENTAL FENCE	
LOCATION	LENGTH (LF)
200+89.47 TO 201+24.47	35.98
202+07.30 TO 211+17.44	910.42
213+75.00 TO 214+30.00	55.80
217+34.00 TO 219+10.00	178.21
220+35.00 TO 222+18.96	184.59
TOTAL	1365.00

EROSION

MAINTENANCE OF COMPOST FILTER SOCK (ALL SIZES)	
TOTAL	908 LF

MAINTENANCE OF TEMP SILT FENCE, TP C	
TOTAL	1484 LF

MAINTENANCE CHK DAMS - ALL TYPES	
TOTAL	528 LF

MAINTENANCE OF STONE FILTER RING	
TOTAL	6 EA

MAINTENANCE OF INLET SEDIMENT TRAP	
TOTAL	18 EA

WATER QUALITY MONITORING AND SAMPLING	
TOTAL	4 EA

WATER QUALITY INSPECTION	
TOTAL	30 MO

TEMP SILT FENCE, TYP C	
TOTAL	2967 LF

STN DUMPED RIP RAP, TP 3, 18 IN	
RIVER ROCK	135 SY
TOTAL	135 SY

PLASTIC FILTER FABRIC	
TOTAL	135 SY

BARRIER FENCE (ORANGE), 4 FT	
TOTAL	3103 LF

EROSION CONTROL MATS, SLOPES	
TOTAL	3124 SY

TURF REINFORCING MATTING, TP 1	
TOTAL	1491 SY

SR 120

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SUMMARY QUANTITIES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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DRAWING No. 06-0007

7/31/2015 GPLN

SUMMARY OF QUANTITIES

GRASSING

GRASSING			MULCH	FERTILIZER MIXED GRADE	FERTILIZER NITROGEN CONTENT	AGRICULTURAL LIME
ITEM	UNIT	QUANTITY	TN	TN	LB	TN
PERMANENT GRASSING	AC	2	6.6	1.12	110	7
TEMPORARY GRASSING	AC	1	3.3	0.20	-	-
DISTURBED AREAS	AC	3	25.3	0.60	-	-
		TOTAL	35	2	110	7

SOD, BERMUDA TIFWAY	
TOTAL	1079 SY

MARKING

TRAFFIC STRIPE		STRIPING TOTALS
ITEMS	UNIT	
PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, YELLOW, TP PB	GLF	2399
THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	2657

DRAINAGE

Structure No.	Location	Station	Offset	Storm Drain Pipe (LF)			Flared End Section 1120		MANHOLE STD 1011 A			Drop Inlet		
				18"		24"	18"	24"	Each	ADD'L DEPTH (LF)	ADD'L DEPTH (LF)			
				H 1-10	H 10-15	H 1-10	Each	Each		CLASS 1	CLASS 2	Each	TYPE	ADD'L DEPTH (LF)
J4	SR 120	200+86.85	36.45' RT	24								1	9031S	
J5	SR 120	200+62.36	30.67' RT						1			1	9031S	
L14	SR 120	203+97.46	66.19' RT		18		1							
L15	SR 120	203+90.95	40.99' RT		EXIST				1		11.14			
M5	SR 120	213+83.38	38.35' RT			20		1						
M6	SR 120	213+86.05	18.65' RT						1					
			Total:	24.00	18	20	1	1	3	0	12	1	0	0.00

NOTE: CONTRACTOR SHALL INCLUDE REINFORCEMENT AND JOINT FILLER IN THE COST FOR THE RECESSED CATCH BASINS. SEE 38-SERIES FOR DETAILS.

CONCRETE SPILLWAY, SPECIAL DESIGN	
LOCATION & SIDE	EACH
201+06.99, 17.81' RT	1
202+25.03, 17.46' RT	1
203+62.17, 17.97' RT	1
205+50.04, 17.76' RT	1
206+00.06, 17.76' RT	1
207+00.00, 17.77' RT	1
207+50.06, 17.65' RT	1
208+00.00, 18.04' RT	1
208+44.09, 17.68' RT	1
209+00.06, 18.07' RT	1
209+50.14, 17.85' RT	1
210+00.03, 18.01' RT	1
210+50.00, 18.42' RT	1
211+00.10, 18.38' RT	1
221+99.22, 18.31' RT	1
TOTALS	15

SIGNS

Signs						Type 7 Post	No. Post
Road Name	Station	Sign Code	Size (in) Width	Size (in) Height	TP1/TP11 (sf)	Length (ft)	Each (ea)
SR 120	200+44.41	R1-2	36	36	3.90	12.60	1
SR 120	201+50.00	W11-3	30	30	6.25	13.54	1
SR 120	204+30.00	R2-1	24	30	5.00	12.50	1
SR 120	208+54.00	W2-2L	30	30	8.13	14.29	1
		W16-8P	30	9			
SR 120	211+52.00	W1-2	30	30	6.25	13.54	1
SR 120	219+23.00	R2-1	24	30	5.00	12.50	1
SR 120	220+10.00	W2-8	30	30	14.25	31.07	2
		W16-8P	48	24			
SR 120	221+69.00	W11-2	30	30	8.25	14.54	1
		W16-9P	24	12			
				Total=	**57.02**	**124.56**	
				Rounded Total=	**58.00**	**125.00**	
				10% as directed=	**5.80**	**12.50**	
				Overall Rounded Total=	**64.00**	**138.00**	

SR 120

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SUMMARY QUANTITIES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
06-0008

7/31/2015 GPLN

SUMMARY OF QUANTITIES

ROADWAY

DRIVEWAY CONCRETE, 6 IN THICKNESS	
TOTAL	56 SY

CONC SIDEWALK, 6 IN	
TOTAL	5927 SY

CONCRETE SIDEWALK, 8 IN	
TOTAL	262 SY

CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	
TOTAL	4754 LF

REMOVE FENCE - ALL TYPES & SIZES	
LOCATION	LENGTH (LF)
361+44.89 TO 362+27.89	83.00
363+80.00 TO 364+10.00	30.00
TOTALS	113.00

RESET FENCE	
LOCATION	LENGTH (LF)
361+44.89 TO 362+27.89	83.00
363+80.00 TO 364+10.00	30.00
TOTALS	113.00

GUARDRAIL, TP W (PAINTED, SEE SP)	
TOTAL	100 LF

GUARDRAIL ANCHORAGE, TP 1	
TOTAL	1 EA

GUARDRAIL TERMINAL TP 12A, 31 IN, TANGENT, ENERGY ABSORBING	
TOTAL	1 EA

RIGHT OF WAY MARKERS	
TOTAL	20 EA

RIGHT OF WAY, PROPERTY LINE IRON PIN	
TOTAL	1 EA

REMOVE HISTORIC MARKER, CAST IRON	
TOTAL	1 EA

RESET HISTORIC MARKER, CAST IRON	
TOTAL	1 EA

MONUMENT SIGN	
TOTAL	1 LS

CH LK FENCE, ZC COAT, 6 FT, 9 GA	
TOTAL	53 LF

GALV STEEL PIPE HANDRAIL, 2 IN, ROUND	
TOTAL	61 LF

CONC VALLEY GUTTER, 6 IN	
TOTAL	94 SY

SURFACING QUANTITIES		
ITEMS	UNIT	TOTALS
REQUIRED PAVEMENT		
AGGR SURF CRS	TN	82
GR AGGR BASE CRS, 6 INCH, INCL MATL	SY	1668
2 IN RECYC ASP CON 19 MM SUPERPAVE GP1 OR GP2 INCL BIT & HL (AS DIRECTED)	SY	5
4 IN RECYC ASP CON 25 MM SUPERPAVE GP1 OR GP2 INCL BIT & HL (AS DIRECTED)	SY	5
1½IN RECYC ASP CON 12.5 MM SUPERPAVE GP2 ONLY INCL BM & HL	SY	110

DRIVEWAY QUANTITIES			❀❀❀ 6" CONCRETE VALLEY GUTTER	❀❀❀ 1½ IN RECYC ASP CON 12.5 MM SUPERPAVE	❀❀❀ GAB CRS, 6 INCH	❀❀❀ 6 INCH DRWY CONC	❀❀❀ AGGR SURF CRS
ITEM	UNIT	QUANTITY	SY	SY	SY	SY	TN
CONCRETE	SF	499.97	43.00	-	-	56.00	1.00
ASPHALT	SF	743.77	51.00	83.00	83.00	-	1.00
		TOTAL	94.00	83.00	86.00	56.00	2.00

❀❀❀ QUANTITIES INCLUDED IN PAVEMENT TOTALS ABOVE

ORNAMENTAL FENCE	
LOCATION	LENGTH (LF)
310+45.22 TO 311+10.00	73.85
333+50.00 TO 334+05.00	55.82
341+42.00 TO 342+75.00	133.24
346+83.00 TO 349+78.00	285.54
352+55.00 TO 502+25.00	1057.52
503+02.33 TO 503+29.94	28.95
503+09.07 TO 503+36.99	26.08
TOTALS	1661.00

CLASS A CONCRETE, INCL REINF STEEL	
LOCATION	VOLUME (CY)
326+50.00 TO 327+41.00	56.00
TOTALS	56.00

❀SAWCUT - ASPHALT VARIABLE DEPTH	
TOTAL	4754 LF

❀TO BE PAID FOR UNDER GRADING COMPLETE

UNDDR PIPE INCL DRAINAGE AGGR, 6 IN	
TOTAL (AS DIRECTED)	75 LF

FLOWABLE FILL	
TOTAL (AS DIRECTED)	8 CY

CLASS B CONC, BASE OR PVMT WIDENING (BLACK TINT)	
TOTAL (AS DIRECTED)	1 CY

EROSION

CONSTRUCTION EXIT	
TOTAL	2 EA

MAINTENANCE OF CONSTRUCTION EXIT	
TOTAL	2 EA

CONSTRUCT & REMOVE STONE FILTER RING	
TOTAL	2 EA

TURF REINFORCING MATTING, TP 1	
TOTAL	52 SY

CONSTRUCT & REMOVE COMPOST FILTER SOCK, 18 IN	
TOTAL	677 LF

CONSTRUCT & REMOVE ROCK FILTER DAMS	
TOTAL	1 EA

CONSTRUCT & REMOVE INLET SEDIMENT TRAP	
TOTAL	43 EA

MAINTENANCE OF TEMP SILT FENCE, TP C	
TOTAL	5323 LF

EROSION

MAINTENANCE OF COMPOST FILTER SOCK (ALL SIZES)	
TOTAL	677 LF

MAINTENANCE OF STONE FILTER RING	
TOTAL	2 EA

MAINTENANCE OF INLET SEDIMENT TRAP	
TOTAL	43 EA

MIANTENANCE OF ROCK FILTER DAM	
TOTAL	1 EA

WATER QUALITY MONITORING AND SAMPLING	
TOTAL	4 EA

WATER QUALITY INSPECTION	
TOTAL	30 MO

TEMP SILT FENCE, TYP C	
TOTAL	10645 LF

STN DUMPED RIP RAP, TP 3, 18 IN	
STANDARD	16 SY
RIVER ROCK	118 SY
TOTAL	134 SY

PLASTIC FILTER FABRIC	
TOTAL	134 SY

BARRIER FENCE (ORANGE), 4 FT	
TOTAL	4247 LF

EROSION CONTROL MATS, SLOPES	
TOTAL	4358 SY

GRASSING

GRASSING			MULCH	FERTILIZER MIXED GRADE	FERTILIZER NITROGEN CONTENT	AGRICULTURAL LIME
ITEM	UNIT	QUANTITY	TN	TN	LB	TN
PERMANENT GRASSING	AC	4	11	2.20	183	11
TEMPORARY GRASSING	AC	2	5.5	0.55	-	-
DISTURBED AREAS	AC	5	48.5	1.1	-	-
		TOTAL	65	4	183	11

SOD, BERMUDA TIFWAY	
TOTAL	3687 SY

BURNT HICKORY

Heath & Lineback Engineers
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2390 CANTON ROAD, BUILDING 200
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SUMMARY QUANTITIES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 06-0009

7/31/2015 GPLN

SUMMARY OF QUANTITIES

DRAINAGE

Structure No.	Location	Station	Offset	Storm Drain Pipe (LF)		Flared End Section 1120		Manhole Standard 1011 A			Catch Basin 1033D & 1034D		Drop Inlet			CATCH BASIN 1033D & 1034D	CATCH BASIN 1033D & 1034D	Drop Inlet
				18"	*36"*	18"	36"	Each	ADDTL DEPTH (LF)	ADDTL DEPTH (LF)	Each	ADDTL DEPTH (LF)	Each	TYPE	ADDTL DEPTH (LF)	Reconstruct	Lid, Complete Replacement	Reconstruct
				H 1-10	H 1-10	Each	Each		CLASS 1	CLASS 2						Each	Each	Each
CC1	Burnt Hickory Road	303+78.49	28.28' RT														1	
CC2	Burnt Hickory Road	302+18.99	28.82' RT														1	
AA1	Burnt Hickory Road	311+23.44	22.24' LT	69							1							
AA2	Burnt Hickory Road	310+52.61	37.69' LT	35									2	1019A				
AA3	Burnt Hickory Road	310+28.27	66.55' LT	43									1	1019A				
AA4	Burnt Hickory Road	310+30.96	112.58' LT	EXIST													1	
DD1A	Burnt Hickory Road	315+99.66	21.51' LT	148							1							
DD1	Burnt Hickory Road	317+50.14	22.93' LT	113							1							
DD2A	Burnt Hickory Road	318+67.46	22.94' LT	27				1										
DD2	Burnt Hickory Road	318+96.27	18.58' LT	EXIST												1		2
DD3	Burnt Hickory Road	322+53.16	25.89' LT	EXIST														
EE1	Burnt Hickory Road	326+60.92	22.89' LT	76							1							
EE2	Burnt Hickory Road	327+39.68	22.13' LT	6							1							
EE2A	Burnt Hickory Road	327+48.00	23.38' LT	46									1	1019A				
EE3	Burnt Hickory Road	328+57.68	19.62' LT	143							1							
EE4	Burnt Hickory Road	328+46.23	28.60' LT	11									1	1019A				
EE5	Burnt Hickory Road	330+04.25	15.07' LT	71							1	0.16						
EE6	Burnt Hickory Road	327+97.25	20.59' LT	57							1							
EE9	Burnt Hickory Road	330+00.25	23.48' LT	5				1										
EE10	Burnt Hickory Road	329+92.63	29.47' LT	5									1	9031S				
EE11	Burnt Hickory Road	330+29.06	9.92' LT	109									1	1019A				
EE12	Burnt Hickory Road	331+91.16	12.86' LT	35							1							
EE13	Burnt Hickory Road	332+29.13	8.63' LT	24									1	1019A				
EE14	Burnt Hickory Road	332+36.90	35.86' LT	14				1										
FF2	Burnt Hickory Road	332+95.12	12.71' LT	21							1							
FF2A	Burnt Hickory Road	332+66.50	12.27' LT	26							1							
FF3	Burnt Hickory Road	334+13.65	15.57' LT	116							1							
FF4	Burnt Hickory Road	335+50.77	16.19' LT	134							1							
FF5	Burnt Hickory Road	337+50.07	16.71' LT	191							1							
FF6	Burnt Hickory Road	339+00.51	16.35' LT	143							1							
GG1	Burnt Hickory Road	341+39.84	16.05' LT	16							1							
GG2	Burnt Hickory Road	341+40.59	35.49' LT			1												
HH1	Burnt Hickory Road	348+99.89	14.11' LT	17							1	0.5						
HH1A	Burnt Hickory Road	348+82.58	28.03' LT		25			1		9.04								
HH2	Burnt Hickory Road	349+54.85	14.14' LT	50							1							
HH3	Burnt Hickory Road	350+48.82	15.80' LT	88							1							
HH4	Burnt Hickory Road	348+56.82	54.57' LT				1											
JJ1	Burnt Hickory Road	356+00.11	15.89' LT	265							1							
JJ2	Burnt Hickory Road	353+31.47	15.92' LT		23						1	1.07						
JJ3	Burnt Hickory Road	353+31.05	41.00' LT				1											
			Total:	**2104**	**48**	**1**	**2**	**4**	**0**	**10**	**21**	**2**	**8**	**0**	**0.00**	**1**	**3**	**2**

NOTE: CONTRACTOR SHALL INCLUDE REINFORCEMENT AND JOINT FILLER IN THE COST FOR THE RECESSED CATCH BASINS. SEE 38-SERIES FOR DETAILS.

CONCRETE SPILLWAY, SPECIAL DESIGN	
LOCATION & SIDE	EACH
301+17.20, 25.92' RT	1
364+16.40, 36.18' LT	1
TOTALS	2

BURNT HICKORY

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SUMMARY QUANTITIES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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VERIFIED: DATE:

DRAWING No. 06-0010

7/31/2015 GPLN

SUMMARY OF QUANTITIES

SIGNAL

TRAFF SIGNAL INSTALLATION NO. 3 MIDBLOCK CROSSING @ STA 352+85 (2 RRFB)	
TOTAL	1 LS

MARKING

TRAFFIC STRIPE ITEMS	UNIT	STRIPING TOTALS
PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, YELLOW, TP PB	GLF	6058
THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	4856
THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	4576
THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	39
THERMOPLASTIC SOLID TRAF STRIPE, 8IN, WHITE	LF	1193

WALL

SUMMARY OF WALL QUANTITIES	
LOCATION	CLASS B CONCRETE, RETAINING WALL (CY)
WALL NO. 4	23
WALL NO. 5	38
TOTAL	61

SIGNS

Signs						Type 7 Post	No. Post
Road Name	Station	Sign Code	Size (in) Width	Size (in) Height	TP1/TP11 (sf)	Length (ft)	Each (ea)
Burnt Hickory Road	301+97.43	R1-1	30	30	6.25	12.50	1
Burnt Hickory Road	305+58.56	W3-3	30	30	8.00	14.29	1
		W16-8P	28	9			
Burnt Hickory Road	319+02.00	W3-3	30	30	7.75	14.29	1
		W16-8P	24	9			
Burnt Hickory Road	319+98.16	W14-2A	36	8	21.75	14.67	1
		W14-2A	36	8			
		D3-1	44	9			
		D3-1	44	9			
		D3-1	48	9			
		D3-1	48	9			
		R1-1	30	30			
Burnt Hickory Road	321+75.44	R1-1	30	30	6.25	12.50	1
Burnt Hickory Road	323+93.00	R1-1	30	30	6.25	12.50	1
Burnt Hickory Road	324+32.00	D3-1	42	9	11.25	11.50	1
		D3-1	42	9			
		D3-1	48	9			
		D3-1	48	9			
Burnt Hickory Road	326+45.00	W2-8	30	30	14.25	31.07	2
		W16-8P	48	24			
Burnt Hickory Road	327+50.00	W11-1	30	30	9.25	31.07	2
		W16-1P	18	24			
Burnt Hickory Road	330+06.00	I550-1	30	30	6.25	12.50	1
Burnt Hickory Road	350+90.00	W11-2	30	30	8.25	29.07	2
		W16-9P	24	12			
Burnt Hickory Road	352+72.00	W11-2	30	30	9.00	53.07	2
		W16-7P	24	12			
		R10-25	9	12			
Burnt Hickory Road	352+96.00	W11-2	30	30	9.00	53.07	2
		W16-7P	24	12			
		R10-25	9	12			
Burnt Hickory Road	350+90.00	W11-2	30	30	8.25	29.07	2
		W16-9P	24	12			
Burnt Hickory Road	361+40.00	W7-5	18	18	2.25	11.50	1
				Total=	134.00	342.66	
				Rounded Total=	134.00	343.00	
				10% as directed=	13.40	34.30	
				Overall Rounded Total=	148.00	378.00	

REMOVE EXIST TRAFFIC STRIPE, 8 IN THERMO (HYDRO OR SANDBLAST)	
TOTAL	142 LF

REMOVE EXIST TRAFFIC STRIPE, 24 IN THERMO (HYDRO OR SANDBLAST)	
TOTAL	54 LF

RAISED PAVMT MARKERS, TP 1	
TOTAL	115 EA

BURNT HICKORY

Heath & Lineback Engineers
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2390 CANTON ROAD, BUILDING 200
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SUMMARY QUANTITIES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
06-0011

7/31/2015 GPLN

QUANTITIES REQUIRED BY AMENDMENT

DATE	ITEM NO.	AMENDMENT DATE	AMENDMENT NUMBER	DESCRIPTION	UNIT	ORIGINAL QUANTITY	REQUIRED BY AMENDMENT QUANTITY
XX-XX-XX	XXX-XXXX	XX-XX-XX	X	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXX	XXX

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

QUANTITIES (AMENDMENT)

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
07-0001

7/31/2015 GPLN

QUANTITIES REQUIRED ON CONSTRUCTION

DATE	ITEM NO.	DESCRIPTION	UNIT	ORIGINAL QUANTITY	PREVIOUS QUANTITY	REQUIRED ON CONSTRUCTION QUANTITY
XX-XX-XX	XXX-XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XX	XXX	XXX	XXX

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

QUANTITIES (CONSTRUCTION)

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
08-0001

7/31/2015 GPLN

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
	ROADWAY		
001-4000	CONSTRUCTION ALLOWANCE	LS	1
150-1000	TRAFFIC CONTROL - 0015279	LS	1
150-5010	TRAFFIC CONTROL, PORTABLE IMPACT ATTENUATOR	EA	6
153-1300	FIELD ENGINEERS OFFICE TP 3	EA	1
156-0100	GPS DATA COLLECTION AND SUBMITTAL	LS	1
207-0203	FOUND BKFILL MATL, TP 11	CY	200
210-0100	GRADING COMPLETE - 0015279	LS	1
310-5060	GR AGGR BASE CRS, 6 INCH, INCL MATL	SY	5030
318-3000	AGGR SURF CRS	TN	1022
402-3910	1½ IN RECYC ASP CON 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BIT & HL	SY	500
402-4012	2 IN RECYC ASP CON 19 MM SUPERPAVE, GP 1 OR GP 2, INCL BIT & HL	SY	25
402-4310	4 IN RECYC ASP CON 25 MM SUPERPAVE, GP 1 OR GP 2 ONLY, INCL BIT & HL	SY	25
413-0750	TACK COAT	GL	10
432-5010	MILL ASPH CONC PVMT, VARIABLE DEPTH	SY	100
441-0016	DRIVEWAY CONCRETE, 6 IN THICKNESS	SY	1226
441-0110	COLOR STAMPED CONC SIDEWALK, 4 IN	SY	377
441-0106	CONC SIDEWALK, 6 IN	SY	19362
441-0108A	CONCRETE SIDEWALK, 8 IN	SY	674
441-4020	CONC VALLEY GUTTER, 6 IN	SY	1061
441-4030	CONC VALLEY GUTTER, 8 IN	SY	53
441-5004	CONCRETE HEADER CURB, 10 IN, TP 4	LF	278
441-6216	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2	LF	11635
441-6222	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	LF	2520
005-0023	ADA RAMP	EA	2
500-3904	CLASS A CONC FOR SDWK & RET. WALL INCL REINF STEEL	CY	338
500-9999	CLASS B CONC, BASE OR PMVT WIDENING (BLACK TINT)	CY	13
515-4000	POLYKOTE BLACK STL PIPE HNDRL OR EQUIV (GALV PIPE HNDRL PROHIBITED)	LF	61
515-4000	POLYKOTE BLACK STL PIPE HNDRL OR EQUIV (GALV PIPE HNDRL PROHIBITED)-EXIST PARAPET HNDRL	LF	60
610-0300	REMOVE FENCE - ALL TYPES & SIZES	LF	60
610-0301A	REMOVE GATE	EA	2
610-5885	REMOVE CONC MONUMENT	EA	1
611-4890	RESET FENCE	LF	128
611-4996	RESET GATE	EA	2
611-5100	RESET CONC MONUMENT	EA	1
620-0100	TEMPORARY BARRIER, METHOD NO. 1 (AS DIRECTED BY ENGINEER)	LF	1000
634-1200	RIGHT OF WAY MARKERS	EA	109
641-1100	GUARDRAIL, TYPE T	LF	48
641-1200	GUARDRAIL, TYPE W (PAINTED, SEE SP)	LF	232
641-5001	GUARDRAIL ANCHORAGE, TP 1	EA	2
641-5015	GUARDRAIL TERMINAL, TP 12A, 31 IN, TANGENT, ENERGY ABSORBING	EA	2
643-8210A	WOOD FENCE - 3' SPLIT RAIL	LF	61
643-8210A	WOOD FENCE - 4' SPLIT RAIL	LF	176
643-8210A	WOOD FENCE - STACKED	LF	341
643-1152	CH LK FENCE, ZC COAT, 6 FT, 9 GA	LF	53
643-8300	ORNAMENTAL FENCE	LF	3913
009-3000	MISCELLANEOUS CONSTRUCTION - TIMBER STAIRS	LS	1
634-1201	RIGHT OF WAY, PROPERTY LINE IRON PIN	EA	9
999-3015	SPLOST SIGN INSTALLATION, HARDWARE, POSTS	EA	6
999-3025	PEACH ROAD SIGN INSTALLATION, HARDWARE, POSTS	EA	6
	DRAINAGE		
441-0300	CONC SPILLWAY SPCL. DES.	EA	18
550-1150A	STORM DRAIN PIPE, 15 IN HDPE	LF	35
550-1180	STORM DRAIN PIPE, 18 IN, H 1-10	LF	4420
550-1181	STORM DRAIN PIPE, 18 IN, H 10-15	LF	18
550-1240	STORM DRAIN PIPE, 24 IN, H 1-10	LF	500

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
	DRAINAGE CONTINUED		
550-1360	STORM DRAIN PIPE, 36 IN, H 1-10	LF	117
550-3318	SAFETY END SECTION, 18 IN, STORM DRAIN, 4:1 SLOPE	EA	1
550-4215A	FLARED END SECTION 15 IN, STORM DRAIN HDPE	EA	8
550-4218	FLARED END SECTION, 18 IN, STORM DRAIN	EA	9
550-4224	FLARED END SECTION, 24 IN, STORM DRAIN	EA	2
550-4236	FLARED END SECTION, 36 IN, STORM DRAIN	EA	3
573-2006	UNDERDRAIN PIPE INCL DRAINAGE AGGR, 6 IN	LF	200
600-0001	FLOWABLE FILL	CY	21
611-3010	RECONSTR DROP INLET, GP 1	EA	3
611-4003	RECONSTR MISC DRAINAGE STRUCTURE	EA	3
611-8000	ADJUST CATCH BASIN TO GRADE	EA	3
611-8050	ADJUST MANHOLE TO GRADE	EA	1
668-1100	CATCH BASIN, GP 1	EA	46
668-1110	CATCH BASIN, GP 1, ADDL DEPTH	LF	18
668-2100	DROP INLET, GP 1	EA	15
668-2110	DROP INLET, GP 1, ADDL DEPTH	EA	1
668-4300	STORM SEWER MANHOLE, TP 1	EA	13
668-4311	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 1	LF	5
668-4312	STORM SEWER MANHOLE, TP 1, ADDL DEPTH, CL 2	LF	22
611-3006	CATCH BASIN LID, COMPLETE REPLACEMENT	EA	9
	EROSION CONTROL		
163-0232	TEMPORARY GRASSING	AC	5
163-0240	MULCH	TN	194
163-0301	CONSTRUCT AND REMOVE CONSTRUCTION EXIT	EA	6
163-0527	CONSTRUCT AND REMOVE RIP RAP CHECK DAMS, STONE PLAIN RIP RAP/SAND BAGS	EA	38
163-0541	CONSTRUCT AND REMOVE ROCK FILTER DAMS	EA	2
163-0542A	CONSTRUCT AND REMOVE STONE FILTER RING	EA	29
163-0550	CONSTRUCT AND REMOVE INLET SEDIMENT TRAP	EA	117
163-0532	CONSTRUCT AND REMOVE COMPOST FILTER SOCK, 18 IN	LF	4011
165-0030	MAINTENANCE OF TEMPORARY SILT FENCE, TP C	LF	18082
165-0041	MAINTENANCE OF CHECK DAMS - ALL TYPES	LF	578
165-0101A	MAINTENANCE OF CONSTRUCTION EXIT	EA	6
165-0105	MAINTENANCE OF INLET SEDIMENT TRAP	EA	117
165-0110	MAINTENANCE OF ROCK FILTER DAM	EA	2
165-0111	MAINTENANCE OF STONE FILTER RING	EA	29
165-0072	MAINTENANCE OF COMPOST FILTER SOCK (ALL SIZES)	LF	4011
167-1000	WATER QUALITY MONITORING AND SAMPLING	EA	12
167-1500	WATER QUALITY INSPECTION	MO	30
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	36162
603-2024	STN DUMPED RIP RAP, TP 1, 24 IN	SY	17
603-2181	STN DUMPED RIP RAP, TP 3, 18 IN	SY	482
603-2181	STN DUMPED RIP RAP, TP 3, 18 IN - RIVER ROCK	SY	277
603-7000	PLASTIC FILTER FABRIC	SY	776
643-8200	BARRIER FENCE (ORANGE), 4 FT	LF	11500
700-6910	PERMANENT GRASSING	AC	10
700-7000	AGRICULTURAL LIME	TN	31
700-8000	FERTILIZER MIXED GRADE	TN	10
700-8100	FERTILIZER NITROGEN CONTENT	LB	500
700-9300	SOD	SY	11436
711-0100	TURF REINFORCING MATTING, TP 1	SY	1883
716-2000	EROSION CONTROL MATS, SLOPES	SY	13349
	SIGNING AND MARKING		
611-5380	REMOVE & RESET HISTORIC MARKER, CAST IRON	EA	3

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DETAILED ESTIMATE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

		DATE:		DRAWING No.
CHECKED:		DATE:		09-0001
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
	SIGNING AND MARKING CONTINUED		
636-1046	HWY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	472
636-2070	GALV STEEL POSTS, TP 7	LF	1083
638-1009	MONUMENT SIGN	LS	1
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	14899
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	4617
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	120
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	2637
654-1001	RAISED PVMT MARKERS TP 1	EA	117
656-0080	REMOVE EXIST TRAFFIC STRIPE, 8 IN THERMOPLASTIC (HYDRO OR SANDBLAST)	LF	709
656-0240	REMOVE EXIST TRAFFIC STRIPE, 24 IN THERMOPLASTIC (HYDRO OR SANDBLAST)	LF	136
657-8045	PREFORMED PLASTIC SKIP PVMT MKG, 5 IN, YELLOW, TP PB	LF	18252
	SIGNAL		
636-1036	HWY SIGNS, TP 1 MATL, REFL SHEETING, TP 11	SF	9
636-1046	HWY SIGNS, TP 2 MATL, REFL SHEETING, TP 11	SF	82
636-2070	GALV STEEL POSTS, TP 7	LF	25
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 1 - POWDER SPRINGS RD @ CHEATHAM HILL RD @ STA 10+60	LS	1
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 2 - REMOVE AND RESET RRFB @ STA 17+00	LS	1
647-1000	TRAFFIC SIGNAL INSTALLATION NO. 3 - MID BLOCK CROSSING @ STA 352+85 (2 RRFB)	LS	1
682-6219	CONDUIT, NONMETL, TP 2, 1 IN	LF	35
682-6222	CONDUIT, NONMETL, TP 2, 2 IN	LF	70
682-6233	CONDUIT, NONMETL, TP 3, 2 IN	LF	100
615-1200	DIRECTIONAL BORE - 5"	LF	50
	WALL		
500-3110A	CLASS A CONCRETE, TYPE P1, RETAINING WALL	LF	48
500-3115	CLASS A CONCRETE, TYPE P2, RETAINING WALL	LF	600
500-3120	CLASS A CONCRETE, TYPE P3, RETAINING WALL	LF	50
500-3201	CLASS B CONCRETE, RETAINING WALL	CY	246
	COBB COUNTY-MARIETTA WATER AUTHORITY		
CCMWA-01	WATER MAINS 36" DIP, ZINC COATED, PRESSURE CL 200 (PI 2.1)	LF	1510
CCMWA-02	RESTRAINED JOINTS/MANUFACTURER'S PIPE RESTRAINT 36" (PI 2.2)	EA	23
CCMWA-03	RESTRAINED JOINTS/MJ FITTING, RETAINER GLAND 36" (PI 2.2)	EA	20
CCMWA-04	DUCTILE IRON FITTINGS, ZINC COATED (PI 2.3)	LB	11700
CCMWA-05	VALVES 36" GATE VALVE, MJ X MJ (PI 2.4)	EA	2
CCMWA-06	AIR & VAC VALV, 4" FLG COMBINATION AVV WITH 4" FLG GATE VALVE ON 36" LINE (PI 2.5)	EA	2
CCMWA-07	CONCRETE MANHOLE ASSEMBLY, 8' DIAMETER, FOR GATE VALVES (PI 2.6)	EA	2
CCMWA-08	CONCRETE MANHOLE ASSEMBLY, EXTRA PAYMENT FOR SECTIONS EXCEEDING TEN VF, 8' DIA (PI 2.6)	VF	10
CCMWA-09	CONCRETE MANHOLE ASSEMBLY, 6' DIAMTER, FOR AIR VALVES (PI 2.6)	EA	2
CCMWA-10	CONCRETE MANHOLE ASSEMBLY, EXTRA PAYMENT FOR SECTIONS EXCEEDING TEN VF, 6' DIA (PI 2.6)	VF	10
CCMWA-11	POLYETHYLENE ENCASEMENT, 36" DOUBLE ENCASEMENT (PI 2.7)	LF	1510
CCMWA-12	SAMPLE TEST STATION OR PORT, EACH SIDE OF GATE VALVE (PI 2.8)	EA	4
CCMWA-13	LOCATOR MARKER BALLS ON NEW PIPE AND FITTINGS (PI 2.10)	EA	40
CCMWA-14	SUBGRADE STABILIZER STONE (PI 2.11)	TN	2900
CCMWA-15	MISCELLANEOUS CONCRETE (PI 2.12)	CY	30
CCMWA-16	REINFORCING STEEL (PI 2.13)	LB	1000
CCMWA-17	REMOVE & REPLACE ASPHALT ROADWAYS, TRENCH WIDTH (PI 2.14)	SY	1400
CCMWA-18	BONDED JOINT (PI 2.15)	EA	90
CCMWA-19	CATHODIC TEST STATION (PI 2.16)	EA	2
CCMWA-20	REMOVE AND DISPOSE EXISTING 36" PCCP WATER MAIN (PI 2.17)	LF	1510
CCMWA-21	MJ PCCP ADAPTERS (PI 2.18)	EA	2
CCMWA-22	CONNECTION TO EXISTING 36" PCCP MAIN NEAR STA 62+15 (PI 2.19)	LS	1
CCMWA-23	CONNECTION TO EXISTING 36" PCCP MAIN NEAR STA 77+00 (PI 2.19)	LS	1
CCMWA-24	MILLING OF 1.5 INCHES OF EXISTING ASPHALT (PI 2.20)	SY	4425
CCMWA-25	PAVING 1.5 INCHES OF GDOT 12.5 MM SUPERPAVE (PI 2.21)	SY	4425

ITEM NO.	DESCRIPTION	UNITS	QUANTITY
	COBB COUNTY-MARIETTA WATER AUTHORITY CONTINUED		
CCMWA-26	THERMOPLASTIC PAVEMENT MARKING 6" SKIP (2:6) WHITE OR YELLOW (PI 2.22)	LF	1810
CCMWA-27	THERMOPLASTIC PAVEMENT MARKING 6" SOLID WHITE OR YELLOW (PI 2.23)	LF	1810
CCMWA-28	EXPLORATORY EXCAVATIONS FOR 36" PCCP OUTSIDE PAVEMENT (PI 2.24)	EA	10
CCMWA-29	ADJUST VALVE BOX TO GRADE (PI 2.25)	EA	11
CCMWA-30	ADJUST MANHOLE TO GRADE (PI 2.26)	EA	2
CCMWA-31	ABANDON EXISTING 36" BFV (PI 2.27)	EA	1
CCMWA-32	ABANDON EXISITNG ARV AND MANHOLE (PI 2.28)	EA	1
CCMWA-33	MOBILIZATION (PI 2.29)	EA	1
CCMWA-A1	ALLOWANCE FOR FORCE ACCOUNT WORK	LS	1
CCMWA-A2	ALLOWANCE FOR WATER MAIN DISINFECTION AND DECHLORINATION	LS	1
	COBB COUNTY WATER SYSTEM		
	UTILITY ALLOWANCE	LS	1
	EXPLORATORY EXCAVATION ALLOWANCE	HR	40
	16-INCH BORE AND CASING (FOR 8"-10" DIP)	LF	200
	POLYETHYLENE ENCASEMENT ON 8-INCH DIP	LF	250
	ADJUST EXISTING VALVE BOX TO GRADE - IN PAVEMENT	EA	17
	ADJUST VALVE BOX TO GRADE - OUT OF PAVEMENT	EA	2
	6-INCH DUCTILE IRON SJ CL 350 WATER MAIN	LF	200
	8-INCH DUCTILE IRON SJ CL 350 WATER MAIN	LF	8800
	8-INCH DUCTILE IRON SJ CL 350 WM EXTRA DEPTH (0'-4')	LF	380
	6-INCH GATE VALVE ASSEMBLY	EA	20
	8-INCH GATE VALVE ASSEMBLY	EA	10
	6-INCH VALVE ASSEMBLY CUT-IN	EA	1
	8"X6" TAPPING ASSEMBLY	EA	1
	6-INCH MISC. MJ FITTINGS	TON	0.5
	6-INCH WEDGE ACTION RETAINER GLANDS	EA	30
	8-INCH MISC. MJ FITTINGS	TON	5.5
	8-INCH WEDGE ACTION RETAINER GLANDS	EA	160
	REMOVE EXISTING FIRE HYDRANT	EA	9
	6X13 ANCHOR COUPLINGS	EA	20
	HORIZONTAL FIRE HYDRANT EXTENSION	LF	20
	FIRE-HYDRANTS - 4 FT BURY	EA	20
	CONNECT TO EXISTING 6-INCH WATER MAIN - CUT-IN	EA	5
	CONNECT TO EXISTING 8-INCH WATER MAIN - WET TAP	EA	2
	CONNECT TO EXISTING 8-INCH WATER MAIN - WET NO TAP	EA	6
	CONNECT TO EXISTING 8-INCH WATER MAIN - CUT-IN	EA	1
	3/4-INCH SERVICE LINE REPLACEMENT - LONG SIDE	EA	1
	3/4-INCH SERVICE LINE REPLACEMENT - SHORT SIDE	EA	13
	ABANDON EXISTING VALVE BOX IN PAVEMENT	EA	24
	ABANDON EXISTING 6-INCH WATER MAIN - IN PLACE	EA	11
	ABANDON EXISTING 8-INCH WATER MAIN - IN PLACE	EA	1

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KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
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CORRECTED:		DATE:		
VERIFIED:		DATE:		

8/6/2020 4:50:46 PM | $PRF8$ | J:\2017030\0015279\DGN\0015279_13-0001_(CH).dgn | COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

USER:jkelly

N/F
U. S. GOVERNMENT
PID: 19033800010

SR 360/POWDER SPRINGS RD SW

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

L.L.L. 338 (APPROXIMATE)
L.L.L. 337 (APPROXIMATE)

SLCD18 (REBAR)
STA. 12+23.49
53.64' LT
N 1423155.094
E 2166004.187
EL 1058.41

BEGIN SIDEWALK
STA. 10+60.67
74.95' LT
TIE TO EXIST.

END SIDEWALK
STA. 10+84.22
59.09' LT

5' SIDEWALK

EXIST. R/W

BEGIN PROJECT
BEGIN CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
CHEATHAM HILL ROAD
STA 10+60.00
N 1422988.1380
E 2166036.7443

TYPE B

E.O.P.

P.I. 11+50.57

P.C. 11+94.46

P.T. 13+21.66

P.C. 14+10.55

Curve° 1

Curve° 2

N2°36'27.1"W ℄ CONSTRUCTION CHEATHAM HILL ROAD

N17°10'57.9"W

N19°42'09.3"W

POB 10+00.00

10+00

11+00

12+00

13+00

14+00

MATCH LINE STA. 14+50

DRAWING No. 13-0002

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

CALLAWAY RD SW

STA 10+98.82
15.67' RT
EXIST. CONC MEDIAN

TYPE D

TYPE D

STA 11+10.22
37.73' RT

BEGIN SHARED USE TRAIL
STA. 11+26.30
54.23' RT

18'ROP

RMW

10' TRAIL

EXIST. R/W

ORANGE BARRIER FENCE

A1

A2

A3

ADJUST CATCH BASIN TO GRADE (SEE DRAWING 38-0004 FOR REQUIRED LID)

SPECIAL USE PERMIT AREA

ADJUST CATCH BASIN TO GRADE (SEE DRAWING 38-0004 FOR REQUIRED LID)

ADJUST CATCH BASIN TO GRADE (SEE DRAWING 38-0004 FOR REQUIRED LID)

TYPE B MOD.

E.O.P.

EXIST. R/W

RMW

1

N/F
U. S. GOVERNMENT
PID: 19033700010
D.B. -, PG. -

SR 360/POWDER SPRINGS RD SW

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

CHEATHAM HILL RD

Curve° 1
PI Sta= 12+58.40
N= 1423201.0622
E= 2166045.1395
DELTA= 14°34'30.8" (RT)
D= 11°27'32.96"
T= 63.94
L= 127.19
R= 500.00
E= 4.07

Curve° 2
PI Sta= 14+48.44
N= 1423391.5861
E= 2166036.4628
DELTA= 1°05'07.5" (LT)
D= 1°25'56.62"
T= 37.89
L= 75.78
R= 4000.00
E= 0.18

PI Sta= 11+50.57
N= 1423098.0377
E= 2166076.9969
DELTA= 2°31'11.4" (RT)

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0001

7/31/2015 GPLN

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

Curve* 2
PI Sta* 14+48.44
N* 1423391.5861
E* 2166036.4628
DELTA* 1°05'07.5" (LT)
D* 1°25'56.62"
T* 37.89
L* 75.78
R* 4000.00
E* 0.18

N/F
U.S. GOVERNMENT
PID: 19033800010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK.

L.L.L. 338 (APPROXIMATE)
L.L.L. 329 (APPROXIMATE)

N/F
U.S. GOVERNMENT
PID: 19032900010

Curve* 3
PI Sta* 16+61.17
N* 1423603.8818
E* 2166022.7606
DELTA* 2°54'09.9" (RT)
D* 1°25'56.62"
T* 101.35
L* 202.65
R* 4000.00
E* 1.28

PI Sta* 21+47.62
N* 1424090.3267
E* 2166016.0513
DELTA* 0°32'14.9" (RT)

MATCH LINE STA. 14+50

DRAWING No. 13-0001

ADJUST CATCH BASIN TO GRADE (SEE DRAWING 38-0004 FOR REQUIRED LID)

BEGIN 3' SPLIT RAIL
STA. 16+34.16
17.44' RT
SEE SHT 38-0002

ADJUST CATCH BASIN TO GRADE (SEE DRAWING 38-0004 FOR REQUIRED LID)

REMOVE & REPLACE SPLIT RAIL FENCE

END 10' HEADER CURB, TP A
BEGIN TURN UP *1
STA. 16+54.00
31.61' RT

STA. 16+50.00
21.82' RT

BEGIN 10' R=15' HEADER CURB, TP A
STA. 16+44.59
42.46' RT

EXISTING CROSSWALK

STA. 17+01.85
11.64' RT

END 3' SPLIT RAIL
STA. 16+95.60
16.57' RT
SEE SHT 38-0002

STA. 17+11.87
11.12' RT

END TAPER
STA. 17+14.10
11.00' RT

ESA - RESOURCE 12

SLCD17 (REBAR)
STA. 17+86.56
19.40' RT
N 1423729.571
E 2166040.433
EL 1045.63

S.W.C.B.
RIM:1046.05
IE:1042.79
OE:1042.62

STA. 17+82.48
11.00' RT

RELOCATE PEDESTAL

END CURB AND GUTTER
END TAPER
8"X24", TP 2
STA. 18+45.21
12.04' RT
TIE TO EXISTING

BEGIN TAPER
STA. 18+21.46
13.67' RT

REMOVE EXIST. CATCH BASIN

REMOVE & RESEAT EXIST. FLASHING BEACON

S.W.C.B.
RIM:1052.88
IE:1049.59
OE:1049.41

STA. 16+03.66
16.64' RT

S.W.C.B.
RIM:1051.74
IE:1048.31
OE:1048.28

Curve* 2
℄ CONSTRUCTION CHEATHAM HILL ROAD
N3°41'34.6"W

Curve* 3

HORSE TRAIL

10' TRAIL

8' TRAIL

+04.00 14' WIDE CONC

+41.00 14' WIDE

N0°47'24.7"W 12"CMP (BURIED)
F/L:1038.25

18"RCP
F/L:1040.97

REQ'D R/W

RELOCATE FIRE HYDRANT

REMOVE EXIST. PIPE

BEGIN 10' HEADER CURB, TP A
STA. 16+00.00
26.57' RT

STA. 16+21.05
28.71' RT

BEGIN 4' SPLIT RAIL
STA. 16+30.67
36.57' RT
SEE SHT 38-0002

END 10' HEADER CURB, TP A
STA. 16+34.44
42.39' RT

END 4' SPLIT RAIL
STA. 16+35.48
63.30' RT
SEE SHT 38-0002

SPECIAL USE PERMIT AREA

STA. 16+36.88
71.00' RT
TIE TO EXISTING

ESA - RESOURCE 10

STA. 16+47.10
71.00' RT

STA. 17+01.99
18.54' RT

ESA-RESOURCE 10

BEGIN TAPER
STA. 17+50.00
13.00' RT

END TURN UP *1

END TAPER
STA. 17+66.80
21.00' RT

STA. 17+12.02
17.43' RT

BEGIN CURB AND GUTTER
BEGIN TAPER
8"X24", TP 2
STA. 16+63.96
13.38' RT
TIE TO EXISTING
DO NOT DISTURB SPLIT RAIL FENCE

END TAPER
STA. 18+41.42
15.57' RT

1
N/F
U.S. GOVERNMENT
PID: 19033700010
D.B. -, PG. -

2
N/F
FRANKLIN FERGUSON
1625 CHEATHAM HILL RD
PID: 19033000040
D.B. 10543, PG. 191

3
N/F
FRANK & NANCY HADDEN REVOCABLE LIVING TRUST
1615 CHEATHAM HILL RD
PID: 19033000070
D.B. 14889, PG. 3162

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

L.L.L. 337 (APPROXIMATE)
L.L.L. 330 (APPROXIMATE)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

MATCH LINE STA. 19+50

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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VERIFIED: DATE:

DRAWING No. 13-0002

7/31/2015 GPLN

NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)

N/F
U.S. GOVERNMENT
CHEATHAM HILL RD
PID: 19032900010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 2

DRAWING No. 13-0002

DRAWING No. 13-0004

MATCH LINE STA. 19+50

MATCH LINE STA. 24+50

20+00 21+00 P.I. 21+47.62 22+00 23+00 24+00

EXIST. R/W

L.L.L. 329 (APPROXIMATE)
L.L.L. 330 (APPROXIMATE)
E.O.P.

STA. 21+25.28
15.39' RT

STA. 21+17.08
15.90' RT
R=50'

SLCD16 (REBAR)
STA. 23+19.38
14.87' LT
N 1424262.021
E 2166000.426
EL 1005.89

STA. 23+46.32
19.82' RT

STA. 23+55.71
21.11' RT

STA. 23+69.16
21.11' RT

STA. 23+78.52
19.82' RT

BEGIN TAPER
STA. 22+45.99
11.56' RT

END TAPER
STA. 22+72.76
12.55' RT

STA. 23+02.73
16.29' RT

+87.00 15' WIDE CONC. DRIVE

℄ CONSTRUCTION CHEATHAM HILL ROAD

NO°47'24.7"W

NO°15'09.8"W

BEGIN DITCH
STA 22+46.90

REMOVE EXIST. PIPE

18" 10' TRAIL

EXIST. R/W

REQ'D R/W

R=35' R=25'

18" DIP

24" RCP

24"

STA. 20+39.60
15.47' RT

STA. 20+55.76
19.41' RT

RELOCATE PEDESTALS

A7

STA. 20+70.54
22.02' RT

BEGIN CURB AND GUTTER
8"X24", TP 2
BEGIN TAPER
STA. 22+30.48
11.54' RT
TIE TO EXISTING

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

BEGIN RIP RAP, TP 3
STA 22+46.90
18"
45 SY

BEGIN ORN FENCE
STA. 23+00.00
28.01' RT
STA. 23+12.70
19.80' RT

A13

A9

END RIP RAP, TP 3
STA 24+39.36
REMOVE FENCE

END RIP RAP, TP 3
END DITCH
STA 23+69.45

BEGIN RIP RAP, TP 3
BEGIN DITCH
STA 23+83.18,
18", 29 SY

3
N/F
FRANK & NANCY HADDEN
REVOCABLE LIVING
TRUST
1615 CHEATHAM HILL RD
PID: 19033000070
D.B. 14889, PG. 3162

4
N/F
DAVID SKILLING
1605 CHEATHAM HILL RD
PID: 19033000050
D.B. 15309, PG. 5371

5
N/F
GRUBER DAVID
1495 KOLB LN
PID: 19033000180
D.B. 14926, PG. 2530

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

WETLAND 1

INTERMITTENT STREAM 2

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0003

7/31/2015 GPLN

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

MATCH LINE STA. 24+50 DRAWING No. 13-0003

MATCH LINE STA. 29+00 DRAWING No. 13-0005

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 2

N/F
U.S. GOVERNMENT
PID: 19032900010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

PI Sta= 26+34.53
N= 1424577.2291
E= 2166013.9037
DELTA= 0°34'25.6" (RT)

Curve* 4
PI Sta= 29+16.35
N= 1424859.0483
E= 2166015.4828
DELTA= 1°05'58.3" (RT)
D= 2°51'53.24"
T= 19.19
L= 38.38
R= 2000.00
E= 0.09

25+00 26+00 P.I. 26+34.53 27+00 28+00 29+00

EXIST. R/W

STA. 24+70.00
16.54' RT

E.O.P.

END DITCH
STA 25+47.26

L.L.L. 329 (APPROXIMATE)
L.L.L. 330 (APPROXIMATE)

A8A N0°15'09.8"W

TYPE D R=20' R=35'

12"RCP

10' TRAIL

EXIST. R/W

24'

ASPHALT DRIVE

WOOD FENCE

REQ'D R/W

STA. 25+77.52
13.37' RT

A8B

END ORN FENCE
STA. 24+81.00
29.15' RT
REMOVE EXIST. PIPE

REMOVE FENCE

STA. 25+97.43
33.91' RT

END CURB AND GUTTER
8"X24", TP 2
STA. 25+97.35
36.81' RT
TIE TO EXISTING

5
N/F
GRUBER DAVID
1495 KOLB LN
PID: 19033000180
D.B. 14926, PG. 2530

BEGIN DITCH
STA 26+29.40

STA. 26+47.02
21.18' RT

STA. 26+64.14
16.40' RT

TYPE D R=25'

18"

KOLB LANE

EXIST. R/W

N1 N2

STA. 26+52.04
13.09' RT

RELOCATE PEDESTAL

STA. 26+36.77
24.51' RT

CLASS B CONCRETE WIDENING TINTED BLACK
STA. 26+17.11
47.05' RT

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 26+17.08
48.06' RT
TIE TO EXISTING

REMOVE EXIST. PIPE

END DITCH
STA 27+80.46

REMOVE WALLS AND COLUMNS WITHIN RIGHT OF WAY

STA. 27+68.56
15.43' RT

N3

N0°19'15.8"E
℄ CONSTRUCTION CHEATHAM HILL ROAD

N6

10' TRAIL

REQ'D R/W

REMOVE EXIST. PIPE

STA. 27+78.21
12.00' RT

STA. 28+57.15
22.85' RT
REMOVE EXIST. PIPE

P.C. 28+97.16

EXIST. R/W
Curve* 4

*97.00' 14' WIDE

STA. 28+26.78
22.65' RT

N4

STA. 28+78.30
15.79' RT

R=25' R=35'

12"PVC

CONCRETE DRIVE

EXIST. R/W

REQ'D R/W

N7 N5

STA. 28+13.72
16.34' RT

STA. 28+21.92
12.16' RT

6
N/F
ELLIS EDWARD J &
CATHERINE WOODALL
1541 CHEATHAM HILL RD
PID: 19033000080
D.B. 14721, PG. 1805

7
N/F
THOMAS RUSSELL L
& LENA LOU
1521 CHEATHAM HILL RD
PID: 19033000090
D.B. 9485, PG. 278

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	— C — F —
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
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VERIFIED:		DATE:	

DRAWING No. 13-0004

7/31/2015 GPLN

8/6/2020 4:51:04 PM $PRF8$ J:\2017030\0015279\DGN\0015279_13-0005_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

Curve* 4
PI Sta* 29+16.35
N* 1424859.0483
E* 2166015.4828
DELTA* 1°05'58.3" (RT)
D* 2°51'53.24"
T* 19.19
L* 38.38
R* 2000.00
E* 0.09

L.L.L. 329 (APPROXIMATE)
L.L.L. 284 (APPROXIMATE)

PI Sta* 31+20.89
N* 1425063.5287
E* 2166020.5537
DELTA* 0°21'14.6" (RT)

Curve* 5
PI Sta* 34+15.11
N* 1425357.6111
E* 2166029.6653
DELTA* 3°46'11.2" (LT)
D* 5°43'46.48"
T* 32.91
L* 65.80
R* 1000.00
E* 0.54

N/F
U.S. GOVERNMENT
PID: 19032900010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
J.G. ANDERSON
1484 CHEATHAM HILL RD
PID: 19026400030
D.B. 14511, PG. 2582

N/F
MERITAGE HOMES OF GEORGIA INC.
1613 BUNTING FOREST CT
PID: 19026400460
D.B. 15212, PG. 2547

N/F
DANIEL MAHONY
1600 BUNTING FOREST CT
PID: 19026400470
D.B. 15434, PG. 3854

DRAWING No. 13-0004

MATCH LINE STA. 29+00

29+00 30+00 31+00 32+00 33+00 34+00

P.T. 29+35.54

P.I. 31+20.89

P.T. 34+48.00

MATCH LINE STA. 34+50

DRAWING No. 13-0006

SLCD15 (REBAR)
STA. 30+27.71
18.24' RT
N 1424969.923
E 2166036.474
EL 1006.14

REMOVE EXIST. PIPE

REMOVE EXIST. DROP INLET & PIPE

RECONSTRUCT CB

END MILL & INLAY
STA 33+26.71

REMOVE EXIST. PIPE
BEGIN MILL & INLAY
STA 33+06.71

STA. 32+95.93
16.17' RT

END CURB AND GUTTER
8"X24", TP 2
STA. 33+46.13 P.C. 33+82.20
12.80' RT
TIE TO EXIST.

STA. 33+54.34
16.32' RT

STA. 33+44.35
14.80' RT

EXIST. R/W

ASPHALT DRIVE

E.O.P.

Curve* 4 N1°25'14.1"E

N1°46'28.7"E Curve* 5

+78.00 14' WIDE CONC

+45.00 14' WIDE

+11.00 18' WIDE

24" RCP

15" CMP

18"

10' TRAIL

EXIST. R/W

REQ'D R/W

WOOD FENCE

BRICK WALL

RELOCATE FIRE HYDRANT

RELOCATE PEDESTAL

℄ CONSTRUCTION CHEATHAM HILL ROAD

B1 B1A B1B B1C B2 B3 B3A B3B B4

BEGIN DITCH
STA 32+59.91

END DITCH
STA 33+29.95

REMOVE EXIST. PIPE

CONTRACTOR SHALL ENSURE LOW POINT IS NOT PLACED IN DRIVEWAY. GRADE TO DRAIN.

END TAPER
STA. 33+53.57
26.32' RT

BEGIN TAPER
STA. 33+36.90
23.78' RT

DO NOT DISTURB EXISTING WALL

DO NOT DISTURB WOOD FENCE

RELOCATE PEDESTAL

REMOVE CONC WALL TO STA 32+37, 41.00' RT. END OF WALL TO BE FINISHED WITH REMOVED MATERIAL TO MATCH EXISTING FINISH. COST TO BE INCLUDED IN GRADING COMPLETE

7
N/F
THOMAS RUSSELL L & LENA LOU
1521 CHEATHAM HILL RD
PID: 19033000090
D.B. 9485, PG. 278

8
N/F
WIGLEY SHANNON L & APRIL
1511 CHEATHAM HILL RD
PID: 19026300280
D.B. 12158, PG. 257

L.L.L. 330 (APPROXIMATE)
L.L.L. 263 (APPROXIMATE)

9
N/F
CHARLES KERSEY
1505 CHEATHAM HILL RD
PID: 19026300260
D.B. 14194, PG. 5337

10
N/F
KRISTOPHER FREEMAN
1495 CHEATHAM HILL RD
PID: 19026300290
D.B. 14542, PG. 1883

11
N/F
SUTTON ZACHERY A & DUNLAP LAJUINESE T
1480 LIVINGSTON DR
PID: 19026300250
D.B. 15245, PG. 4186

NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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DRAWING No. 13-0005

7/31/2015 GPLN

8/6/2020 4:51:09 PM $PRF8$
USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

N/F
DANIEL MAHONY
1600 BUNTING FOREST CT
PID: 19026400470
D.B. 15434, PG. 3854

N/F
LINDA MCMURRAY
1610 BUNTING FOREST CT
PID: 19026400480
D.B. 15414, PG. 1511

N/F
ZHEN LI
1616 BUNTING FOREST CT
PID: 19026400490
D.B. 15372, PG. 487

DRAWING No. 13-0005

DRAWING No. 13-0007

MATCH LINE STA. 34+50

MATCH LINE STA. 39+00

EXIST. R/W

E.O.P.

W11°59'42.5"W

℄ CONSTRUCTION CHEATHAM HILL ROAD

10' TRAIL

P.C. 34+75.54

35+00

36+00

37+00

38+00

P.C.C. 35+86.69

P.C.C. 36+78.18

P.C. 38+37.21

P.T. 38+25.03

N24°50'49.2"W

N46°35'46.3"W

N71°43'54.2"W

Curve° 6

Curve° 7

Curve° 8

Curve° 9

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 35+37.05
36.69' RT
TIE TO EXISTING

STA. 35+58.57
19.35' RT

STA. 35+65.67
16.59' RT

STA. 35+67.51
12.39' RT

SLCD14 (REBAR)
STA. 36+36.29
25.64' RT
N 1425583.280
E 2165997.199
EL 1008.29

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 35+02.49
13.20' RT
TIE TO EXISTING

TYPE D

R=27'

R=35'

R=25'

11
N/F
SUTTON ZACHERY A & DUNLAP LAJUINESE T
1480 LIVINGSTON DR
PID: 19026300250
D.B. 15245, PG. 4186

DO NOT DISTURB EXISTING BRICK WALL

END CURB AND GUTTER
8"X24", TP 2
STA. 35+18.92
33.29' RT
TIE TO EXISTING

LIVINGSTON DRIVE

STA. 35+76.77
14.83' RT

STA. 35+85.22
15.18' RT

STA. 35+90.36
15.86' RT

STA. 35+92.84
16.44' RT

STA. 35+97.76
17.12' RT

CLASS B CONCRETE WIDENING TINTED BLACK

WOOD FENCE

DO NOT DISTURB WOOD FENCE

14

13
N/F
DORIS SANTORO
1503 LARSON WAY
PID: 19026400190
D.B. 7288, PG. 92

L.L.L. 264 (APPROXIMATE)
L.L.L. 263 (APPROXIMATE)

12
N/F
MCCAULEY JOHN F & REBECCA T
1479 LIVINGSTON DR
PID: 19026300080
D.B. 10930, PG. 224

Curve° 6
PI Sta= 35+31.87
N= 1425474.3155
E= 2166025.5998
DELTA= 22°51'06.6" (LT)
D= 20°33'32.27"
T= 56.32
L= 111.15
R= 278.69
E= 5.63

Curve° 7
PI Sta= 36+32.99
N= 1425567.4406
E= 2165982.4772
DELTA= 21°44'57.2" (LT)
D= 23°46'27.06"
T= 46.30
L= 91.48
R= 241.00
E= 4.41

Curve° 8
PI Sta= 37+52.80
N= 1425650.5326
E= 2165894.6215
DELTA= 25°08'07.9" (LT)
D= 17°06'59.41"
T= 74.63
L= 146.85
R= 334.74
E= 8.22

Curve° 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
13-0006

7/31/2015 GPLN

8/6/2020 4:51:14 PM
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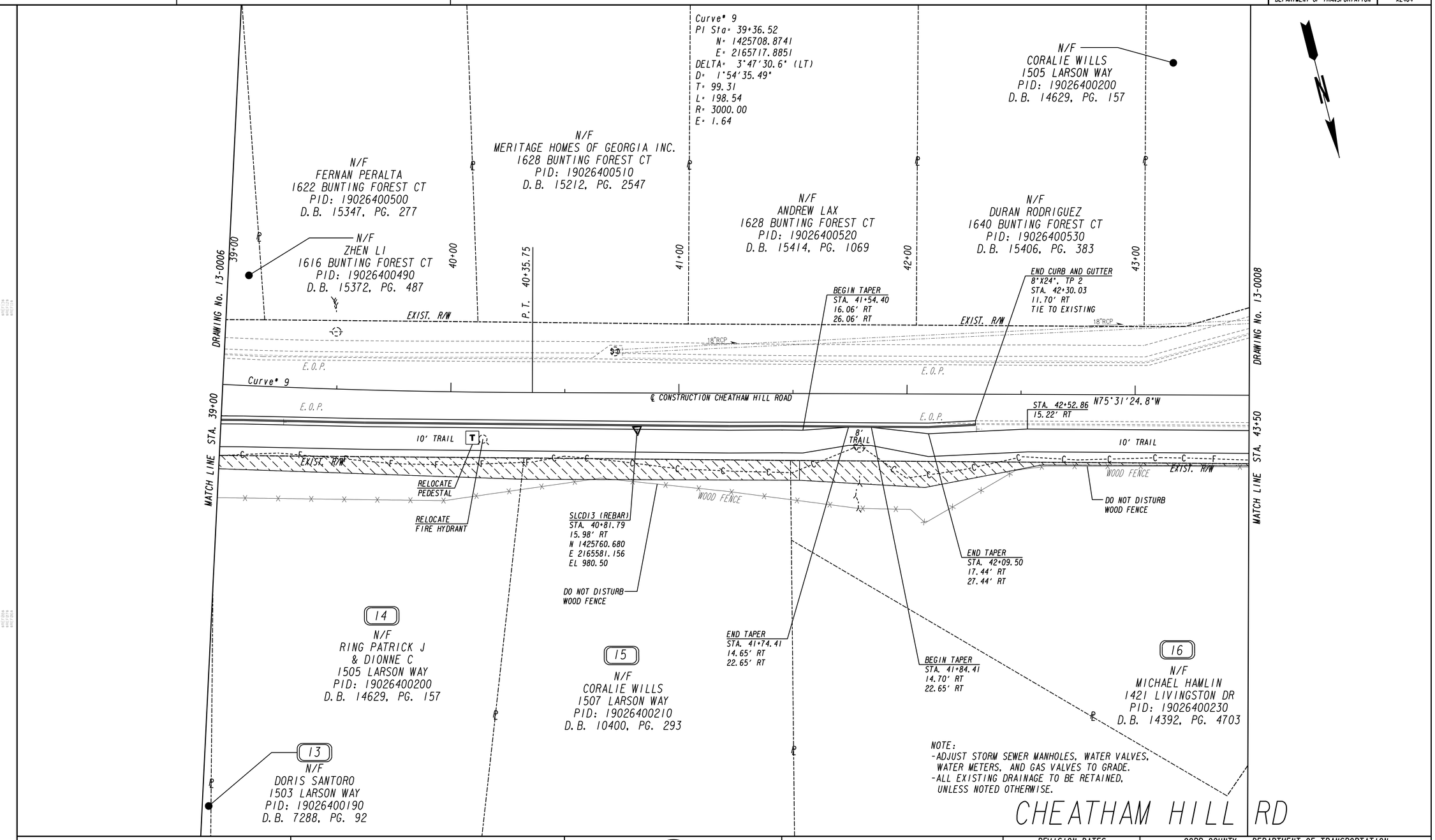
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 13-0007

7/31/2015 GPLN

8/6/2020 4:51:19 PM $PRF8$ J:\2017030\0015279\DGN\0015279_13-0008_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

N/F
CORALIE WILLS
1505 LARSON WAY
PID: 19026400200
D.B. 14629, PG. 157

N/F
MERITAGE HOMES OF GEORGIA INC.
1348 TANAGER BRIDGE CT
PID: 19026400250
D.B. 15212, PG. 2547

N/F
SF AEW ACQUISITION
TANAGER BRIDGE CT
PID: 19026400560
D.B. 14621, PG. 1881

Curve# 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15'
T= 78.28
L= 155.70
R= 605.91
E= 5.04

TANAGER BRIDGE COURT

EXIST. R/W

SLCD12 (REBAR)
STA. 44+11.46
53.05' LT
N 1425776.257
E 2165244.689
EL 963.90

15"CMP

44+00

45+00

46+00

46+19.90
P.C.

47+00

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 46+59.15
13.18' RT
TIE TO EXISTING

DRAWING No. 13-0007

DRAWING No. 13-0009

E.O.P.

CLASS B CONCRETE WIDENING TINTED BLACK

TYPE D

R = 30'

R = 35'

℄ CONSTRUCTION CHEATHAM HILL ROAD N75°31'24.8"W

DO NOT DISTURB CREPE MYRTLE

DO NOT DISTURB WOOD FENCE

10' TRAIL

WOOD FENCE

WYCKFORD

MATCH LINE STA. 43+50

MATCH LINE STA. 47+50

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 43+88.83
12.10' RT
TIE TO EXISTING

DO NOT DISTURB WOOD FENCE

LIVINGSTON DRIVE

END CURB AND GUTTER
8"X24", TP 2
STA. 44+74.24
12.01' RT
TIE TO EXISTING

DO NOT DISTURB PINE TREES

DO NOT DISTURB EXISTING WALL

DO NOT DISTURB EXISTING WALL

END CURB AND GUTTER
8"X24", TP 2
STA. 44+17.23
38.22' RT
TIE TO EXISTING

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 44+39.74
42.90' RT
TIE TO EXISTING

WETLAND 3

16
N/F
MICHAEL HAMLIN
1421 LIVINGSTON DR
PID: 19026400230
D.B. 14392, PG. 4703

17
N/F
ERIC MITCHELL
1404 LIVINGSTON DR
PID: 19026400040
D.B. 14858, PG. 4733

18
N/F
RIDENOUR REC & HOA INC
1195 WARD CREEK DR
PID: 19026400240
P.B. 134, PG. 83

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 13-0008

7/31/2015 GPLN

Curve* 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15"
T= 78.28
L= 155.70
R= 605.91
E= 5.04

Curve* 11
PI Sta= 48+19.55
N= 1425958.9266
E= 2164873.6330
DELTA= 13°48'07.8" (RT)
D= 16°57'01.48"
T= 40.91
L= 81.43
R= 338.02
E= 2.47

Curve* 12
PI Sta= 49+50.52
N= 1426048.5158
E= 2164777.5669
DELTA= 28°43'54.9" (RT)
D= 17°31'31.43"
T= 83.73
L= 163.94
R= 326.93
E= 10.55

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve* 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW
PID: 19025400010
D.B. 3921, PG. 118

N/F
SF AEW ACQUISITION
TANAGER BRIDGE CT
PID: 19026400560
D.B. 14621, PG. 1881

P.C. 50+37.17
P.T. 50+30.73
P.T. 48+60.07
P.C. 48+66.78
P.T. 47+75.60
P.C. 47+78.64
48+00
49+00
50+00
51+00
SLCD11 (REBAR)
STA. 49+14.90
18.78' LT
N 1426014.980
E 2164791.466
EL 952.37
CURB AND GUTTER
8"X24", TP 2
RELOCATE FIRE HYDRANT OUT OF TRAIL
L.L.L. 265 (APPROXIMATE)
L.L.L. 264 (APPROXIMATE)
EXIST. R/W
MATCH LINE STA. 47+50
Curve* 10
Curve* 11
Curve* 12
Curve* 13
N60°48'00.8"W
N46°59'53.0"W
N18°15'58.0"W
℄ CONSTRUCTION CHEATHAM HILL ROAD
SPI
10' TRAIL
E.O.P.
STA. 50+95.33
23.54' RT
BEGIN TAPER
STA. 51+24.11
22.86' RT
END TAPER
STA. 51+38.36
16.25' RT
STA. 51+38.35
15.25' RT
BEGIN TAPER
STA. 51+48.56
23.92' RT
END ORN FENCE
STA. 51+50.00
26.38' RT
DRAWING No. 13-0008
DRAWING No. 13-0010
BEGIN ORN FENCE
STA 50+01.32
31.77' RT
REQ'D R/W
SPECIAL DESIGN SPILLWAY
STA. 50+18.51
17.96' RT
SEE DRAWING 38-0001
FOR DETAILS
RIP RAP
TP. 3, 18"
8 SY
END ORN FENCE
STA 50+38.67
30.20' RT
WETLAND 3
RELOCATE
GUY ANCHOR
BEGIN ORN FENCE
STA. 50+98.00
38.44' RT
R=35'
R=25'
R=33'
MATCH LINE STA. 51+50
STA. 50+73.67
17.29' RT
STA. 51+31.68
29.96' RT

18
N/F
RIDENOUR REC & HOA INC
1195 WARD CREEK DR
PID: 19026400240
P.B. 134, PG. 83

NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0009

7/31/2015 GPLN

Curve* 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

PI Sta= 53+26.41
N= 1426420.7589
E= 2164722.1755
DELTA= 1°21'02.1" (RT)

N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW
PID: 19025400010
D.B. 3921, PG. 118

L.L.L. 265 (APPROXIMATE)
L.L.L. 254 (APPROXIMATE)

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PERENNIAL STREAM 4 WARD CREEK

20' SANITARY SEWER ESM'T

END 'T' BEAM GUARDRAIL
GA STD. 4382
STA 53+24.79 RT
TIE TO BRIDGE

BEGIN BRIDGE BARRICADE HANDRAIL
STA. 53+22.17 (SEE SHT 38-0006)

END 'W' BEAM GUARDRAIL
BEGIN 'T' BEAM GUARDRAIL
GA STD. 4384
STA 53+04.14 RT

BEGIN 'W' BEAM GUARDRAIL
GA STD. 4380
GA STD. 4384
TYPE 12A ANCHOR
STA 52+04.14 RT

END ORN FENCE
STA. 51+50.00
26.38' RT

P.T. 51+81.85

52+00 53+00 54+00 55+00 56+00

P.I. 53+26.41

SLCD10 (REBAR)
STA. 53+79.72
15.99' LT
N 1426474.132
E 2164706.389
EL 950.27

BEGIN 'T' BEAM GUARDRAIL
GA STD. 4382
STA 53+79.82 RT
TIE TO BRIDGE

END BRIDGE BARRICADE HANDRAIL
STA. 53+82.45 (SEE SHT 38-0006)

BEGIN TAPER
STA. 53+98.03
22.13' RT

END 'T' BEAM GUARDRAIL
BEGIN 'W' BEAM GUARDRAIL
GA STD. 4380
GA STD. 4385
STA 54+00.47 RT

BEGIN TAPER
STA. 54+58.15
22.20' RT

STA. 54+63.08
22.71' RT

END TAPER
STA. 54+70.38
25.64' RT

MATCH LINE STA. 51+50

DRAWING No. 13-0009

C8 C9 C7 D5 D6

EXIST. R/W

REMOVE & RESET GATE

L.L.L. 264 (APPROXIMATE)

BEGIN TAPER
STA. 52+85.61
23.66' RT

E.O.P.

Curve* 13

N1°07'42.5"W

BRIDGE
N0°13'19.6"E

L.L.L. 254 (APPROXIMATE)

L.L.L. 255 (APPROXIMATE)

+80.00 14' WIDE CONC

@ CONSTRUCTION CHEATHAM HILL ROAD
STA. 55+07.26
19.20' RT

18' 8' TRAIL

CONCRETE SIDEWALK

8' TRAIL

10' TRAIL

REQ'D R/W

NO ACCESS BUFFER & LANDSCAPE ESM'T

DRAWING No. 13-0011

MATCH LINE STA. 56+50

END TAPER
STA. 51+67.70
22.98' RT

RELOCATE FIRE HYDRANT

RIP RAP
TP. 3, 18"
8 SY

BEGIN SHARED USE TRAIL
BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 53+97.71
11.74' RT
TIE TO EXISTING

END SHARED USE TRAIL
END CURB AND GUTTER
8"X24", TP 2
STA. 53+06.59
13.58' RT
TIE TO EXISTING

END TAPER
STA. 53+06.72
24.16' RT

BEGIN ORN FENCE
STA. 55+00.00
29.28' RT

18
N/F
RIDENOUR REC & HOA INC
1195 WARD CREEK DR
PID: 19026400240
P.B. 134, PG. 83

WETLAND 3

19
N/F
SENTINEL WEST HOA
1195 WARD CREEK DR
PID: 19025500160
P.B. 126, PG. 95

RIP RAP
TP. 1, 24"
17 SY

END TAPER
STA. 54+17.41
21.84' RT

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PERENNIAL STREAM 4 WARD CREEK

RIP RAP
TP. 3, 18"
8 SY

END W-BEAM GUARDRAIL
TYPE I ANCHOR
GA STD. 4383
STA 54+52.91 RT

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

20' SANITARY SEWER ESM'T

CHEATHAM HILL RD

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0010

7/31/2015 GPLN

8/6/2020 4:51:33 PM | $PRF8$ | J:\2017030\0015279\DGN\0015279_13-0011_(CH).dgn | COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

USER:jkelly

NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

PI Sta= 60+97.14
N= 1427191.4877
E= 2164725.1633
DELTA= 0°30'22.2" (LT)

N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW
PID: 19025400010
D.B. 3921, PG. 118

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19025400030
D.B. 2358, PG. 165

DRAWING No. 13-0010

MATCH LINE STA. 56+50

MATCH LINE STA. 62+00

DRAWING No. 13-0012

57+00 58+00 59+00 60+00 61+00 62+00

STA. 56+50.00
19.76' RT

STA. 60+80.55
40.69' RT

STA. 61+14.80
12.07' RT

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 60+78.58
51.65' RT

P.I. 60+97.14

EXIST. R/W

L.L.L. 254 (APPROXIMATE)

L.L.L. 255 (APPROXIMATE)

E.O.P.

℄ CONSTRUCTION CHEATHAM HILL ROAD

NO°13'19.6"E

NO°17'02.6"W

STA. 56+70.00
16.45' RT

RELOCATE HISTORIC SIGN TO STA. 57+07.00

10' TRAIL

WOOD FENCE 8' TRAIL

REQ'D R/W

REMOVE & RESET WOOD FENCE TO INSTALL PIPE

J1

TYPE B

R=35'

DO NOT DISTURB WOOD FENCE

R=28'

STA. 57+05.00
26.75' RT
30.75' RT

STA. 57+05.00
26.75' RT
30.75' RT

NO ACCESS BUFFER & LANDSCAPE ESM'T

END ORN FENCE
STA. 56+70.00
28.99' RT

BEGIN TAPER
STA. 58+49.51
13.61' RT

REMOVE WOOD FENCE

TYPE B

RELOCATE FIRE HYDRANT

DO NOT DISTURB EXISTING WALL

NO ACCESS BUFFER & LANDSCAPE ESM'T

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 60+36.20
25.78' RT

STA. 58+74.04
34.36' RT

STA. 58+83.44
26.43' RT

END TAPER
END CURB AND GUTTER
8"X24", TP 2
STA. 58+94.73
24.73' RT
TIE TO EXISTING

END CURB AND GUTTER
8"X24", TP 2
STA. 60+58.05
54.21' RT

WARD CREEK DRIVE

J3

J2

DO NOT DISTURB EXISTING WALL

30"CMP

20' DRAINAGE ESM'T

19
N/F
SENTINEL WEST HOA
1195 WARD CREEK DR
PID: 19025500160
P.B. 126, PG. 95

20
N/F
JOHN EDISON
1188 WARD CREEK DR
PID: 19025500020
D.B. 13490, PG. 328

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0011

7/31/2015 GPLN

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

PI Sta= 64+61.93
N= 1427556.2710
E= 2164723.3548
DELTA= 0°25'58.8" (RT)

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19025400030
D.B. 2358, PG. 165

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19019100040
D.B. 2358, PG. 165

N/F
JOHN SCHULZ
1130 CHEATHAM HILL RD
PID: 19019100030
D.B. 14527, PG. 4252

L.L.L. 254 (APPROXIMATE)
L.L.L. 191 (APPROXIMATE)

BEGIN MILL & INLAY
STA 62+25.00

BEGIN WALL 1
GA STD 9031L
STA 62+61.71
33.93' RT

BEGIN ORN FENCE
STA. 62+61.71
33.43' RT

SLCD9 (REBAR)
STA. 66+21.99
13.85' RT
N 1427716.294
E 2164737.616
EL 981.49

62+00 63+00 64+00 P.I. 64+61.93 65+00 66+00 67+00

MATCH LINE STA. 62+00

DRAWING No. 13-0013

EXIST. R/W

E.O.P.

NO°17'02.6"W

NO°08'56.1"E
℄ CONSTRUCTION CHEATHAM HILL ROAD

10' TRAIL

L.L.L. 255 (APPROXIMATE)

L.L.L. 254 (APPROXIMATE)

L.L.L. 191 (APPROXIMATE)

L.L.L. 190 (APPROXIMATE)

WOOD FENCE

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

20' DRAINAGE ESM'T

DO NOT DISTURB WOOD FENCE

DRAWING No. 13-0011

MATCH LINE STA. 67+50

STA. 62+50.00
29.16' RT
DE10139 &
37.00' RT
DE10140
40.00' RT
DE12071

STA. 63+01.20
32.20' RT

STA. 63+14.00
31.00' RT

STA. 63+50.00
29.62' RT
DE10142 &
31.00' RT
DE10143

END ORN FENCE
STA. 64+75.21
26.28' RT

END WALL 1
GA STD 9031L
STA 64+75.21
26.78' RT

BEGIN TURN UP *2
STA 65+09.00
25.66' RT

DO NOT DISTURB WOOD FENCE

DO NOT DISTURB WOOD FENCE

20
N/F
JOHN EDISON
1188 WARD CREEK DR
PID: 19025500020
D.B. 13490, PG. 328

21
N/F
VICKIE THOMAS
1202 LARSON LN
PID: 19025500040
D.B. 15427, PG. 1281

N/F
CHARLES REY
1200 LARSON LN
PID: 19025500050
D.B. 10767, PG. 63

23
N/F
JOSE COLON
1198 LARSON LN
PID: 19019000040
D.B. 14223, PG. 4525

24
N/F
ALVIN MITCHELL
1196 LARSON LN
PID: 19019000050
D.B. 12456, PG. 521

25
N/F
WAYNE WAGLEY
1194 LARSON LN
PID: 19019000060
D.B. 14624, PG. 2660

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0012

7/31/2015 GPLN

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

N/F
JOHN SCHULZ
1130 CHEATHAM HILL RD
PID: 19019100030
D.B. 14527, PG. 4252

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

N/F
CLINTON CARLILE
1120 CHEATHAM HILL RD
PID: 19019100060
D.B. 14811, PG. 5550

N

MATCH LINE STA. 67+50 DRAWING No. 13-0012

68+00 69+00 70+00 71+00 72+00 P.I. 72+12.33 73+00

MATCH LINE STA. 73+00 DRAWING No. 13-0014

EXIST. R/W
E.O.P.
N0°08'56.1"E
N0°03'56.6"W
L.L.L. 191 (APPROXIMATE)
L.L.L. 190 (APPROXIMATE)
E1 E2 E3
℄ CONSTRUCTION CHEATHAM HILL ROAD
24' RCP
RELOCATE FIRE HYDRANT
10' TRAIL
18"
24"
END RIP RAP STA 71+24.70
EXIST. R/W
WOOD FENCE
REQ'D R/W
10' NO ACCESS BUFFER & LANDSCAPE ESM'T
20' DRAINAGE ESM'T
BEGIN DITCH STA 69+50.00 STA. 69+43.98 26.37' RT
END DITCH GRADE TO DRAIN STA 70+97.39
DO NOT DISTURB WOOD FENCE
RIP RAP TP. 3, 18" 180 SY
END TURN UP #2 STA 68+00.00 25.19' RT
BEGIN WALL 2 GDOT STD PRW-1 HANDRAIL OPTION 2 STA 69+02.16 30.02' RT
BEGIN RIP RAP STA 69+02.16
RELOCATE GUY ANCHOR
DRAINAGE ESM'T
DO NOT DISTURB FENCE

24

25
N/F
WAYNE WAGLEY
1194 LARSON LN
PID: 19019000060
D.B. 14624, PG. 2660

26
N/F
GREGORY HIPP
1192 LARSON LN
PID: 19019000070
D.B. 14963, PG. 1173

27
N/F
DOUGLAS FLYNN
1190 LARSON LN
PID: 19019000080
D.B. 12483, PG. 318

28
N/F
RITCHIE LUDY
1188 LARSON LN
PID: 19019000090
D.B. 12604, PG. 252

29
N/F
RYAN HERSEY
1186 LARSON LN
PID: 19019000100
D.B. 14178, PG. 641

N/F
DONNA STRAUSS
1184 LARSON LN
PID: 19019000110
D.B. 9788, PG. 267

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

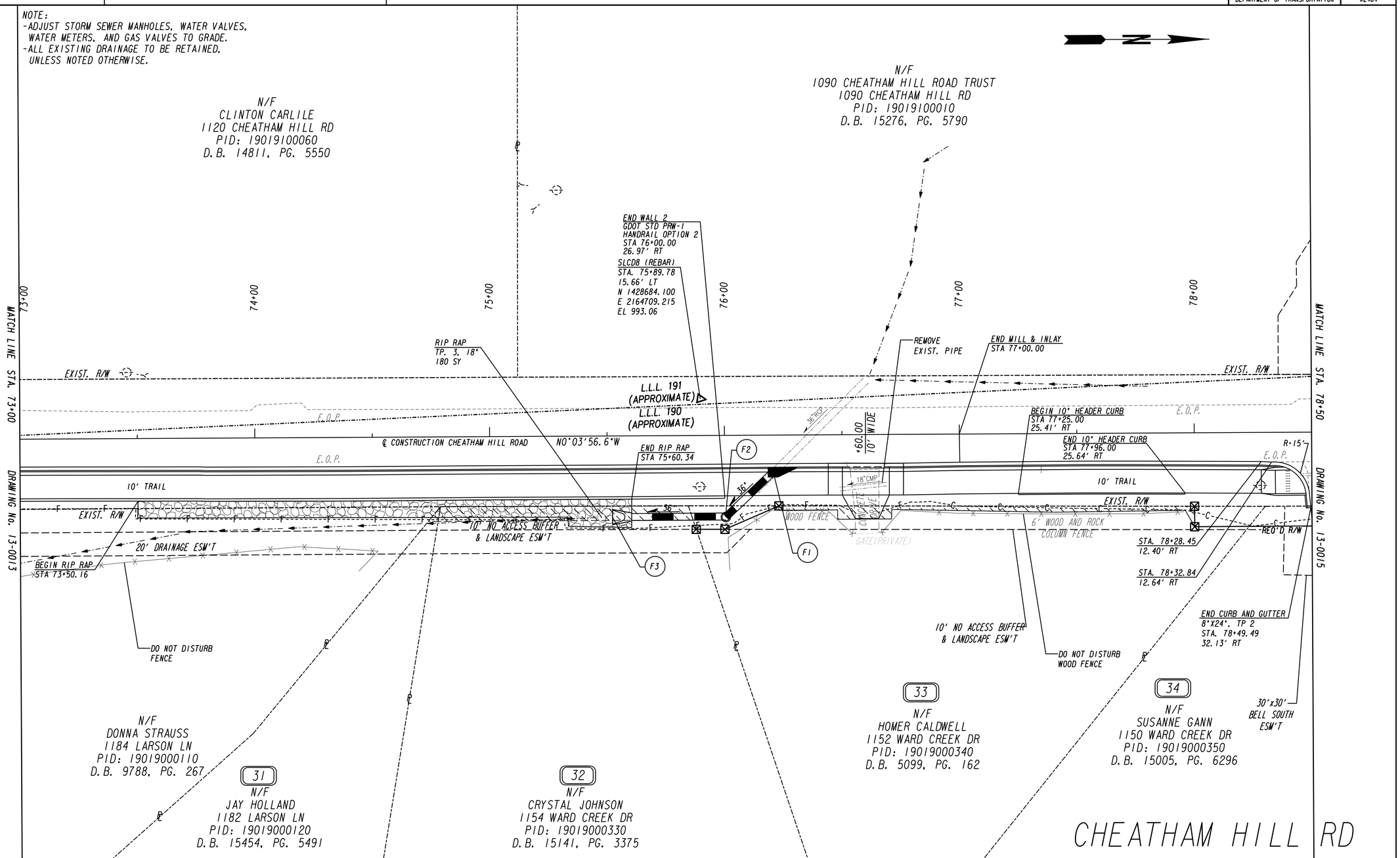
CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0013

7/31/2015 GPLN

8/20/2020 8:07:21 AM $PRF8$ J:\2017030\0015279\DGN\0015279_13-0014_(CH).dgn
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 13-0014

7/31/2015 GPLN

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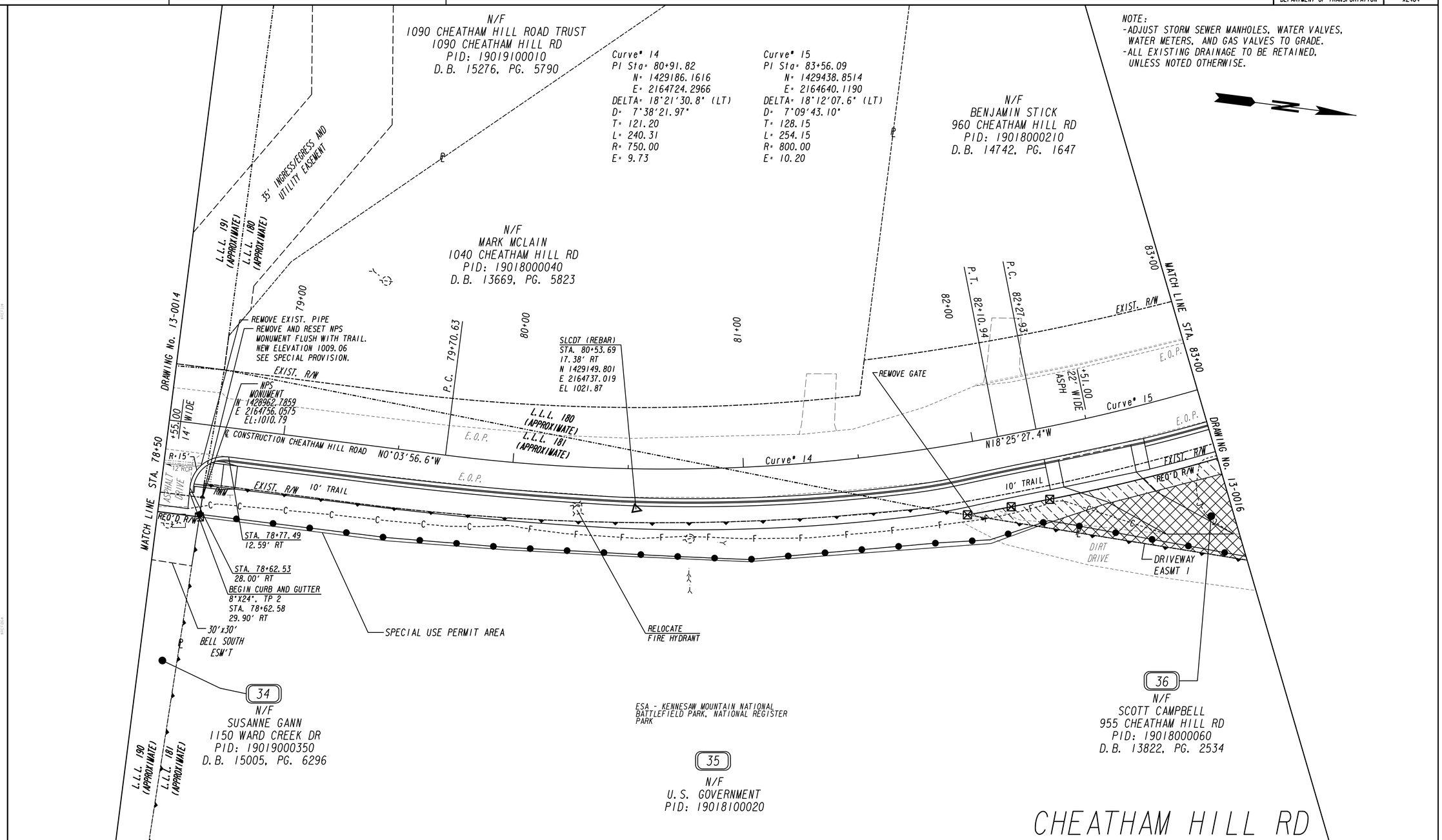
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 13-0015

7/31/2015 GPLN

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

Curve* 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

PI Sta= 85+71.90
N= 1429613.7869
E= 2164510.0754
DELTA= 2°11'22.1" (LT)

N/F
SAMUEL BRASINGTON
1655 CAVAN DR
PID: 19018000200
D.B. 15123, PG. 327

N/F
WAYNE RIDLEN
1658 CAVAN DR
PID: 19018000110
D.B. 14291, PG. 4205

N/F
BENJAMIN STICK
960 CHEATHAM HILL RD
PID: 19018000210
D.B. 14742, PG. 1647

DRAWING No. 13-0015
MATCH LINE STA. 83+00
MATCH LINE STA. 88+00
DRAWING No. 13-0017
CAVAN DRIVE
EXIST. R/W
P.T. 84+82.08
P.I. 85+71.90
83+00
84+00
85+00
86+00
87+00
88+00
Curve* 15
N36°37'35.0"W
N38°48'57.1"W
+97.00 19' WIDE
+03.00 14' WIDE CONC
℄ CONSTRUCTION CHEATHAM HILL ROAD
REMOVE EXIST. PIPE
E.O.P.
10' TRAIL
REQ'D R/W
EXIST. R/W
24"
12"CPP
ASPHALT DRIVE
CONCRETE DRIVE
BEGIN WALL 3B
STA. 87+30.90
GA STD 9031L
34.91' RT
BEGIN ORN FENCE
STA. 87+30.90
34.41' RT
BEGIN ORN FENCE
STA. 86+12.00
29.06' RT
END ORN FENCE
STA. 86+92.00
29.95' RT
G5
G1A
G1
STA. 83+92.21
15.90' RT
STA. 84+01.99
17.33' RT
STA. 83+62.84
17.70' RT
STA. 83+72.66
15.97' RT
SLCD6 (REBAR)
STA. 84+05.11
17.48' RT
N 1429486.850
E 2164621.512
EL 1044.00
DRIVEWAY EASMT 2
RIP RAP
TP. 3, 18"
8 SY
DO NOT DISTURB EXISTING NPS MONUMENT
L.L.L. 180 (APPROXIMATE)
L.L.L. 181 (APPROXIMATE)

35
N/F
U.S. GOVERNMENT
PID: 19018100020

36
N/F
SCOTT CAMPBELL
955 CHEATHAM HILL RD
PID: 19018000060
D.B. 13822, PG. 2534

37
N/F
PAMELA JONES
933 CHEATHAM HILL RD
PID: 19018000230
D.B. 4079, PG. 184

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0016

7/31/2015 GPLN

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

N/F
TOWNLEY KING REVOCABLE TRUST
930 CHEATHAM HILL RD
PID: 19018000100
D.B. 15344, PG. 5566

N/F
SHIRLEY COLE
930 CHEATHAM HILL RD
PID: 19018000090
D.B. 11605, PG. 155

N/F
WAYNE COLE
940 CHEATHAM HILL RD
PID: 19018000080
D.B. 7300, PG. 489

N/F
WAYNE RIDLEN
1658 CAVAN DR
PID: 19018000110
D.B. 14291, PG. 4205

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N/F
U.S. GOVERNMENT
PID: 19018000030

Curve# 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

STA. 88+86.07
25.38' RT

STA. 88+70.67
25.88' RT

EXIST. R/W

+55.00 14' WIDE CONC

+02.00 14' WIDE

E.O.P.

℄ CONSTRUCTION CHEATHAM HILL ROAD N38°48'57.1"W

STA. 90+31.20
16.45' RT

REMOVE EXIST. PIPE

24'

12"CMP

18"

10' TRAIL

REQ'D R/W

RELOCATE FIRE HYDRANT

EXIST. R/W

ASP. PATH

CONCRETE WINGWALL

END WALL 3B
STA. 88+39.73
GA STD 9031L
34.96' RT

END ORN FENCE
STA. 88+39.73
34.46' RT

G1A

G2

STA. 90+41.39
14.99' RT

P.C. 90+29.72

STA. 90+61.77
15.24' RT

STA. 90+71.73
16.87' RT

+37.00 14' WIDE

Curve# 16

REMOVE EXIST. PIPE

SLCD5 (REBAR)
STA. 92+62.87
16.66' LT
N 1430156.307
E 2164079.358
EL 1079.56

G3

G4

3' WOOD FENCE

MATCH LINE STA. 88+00
DRAWING No. 13-0016

MATCH LINE STA. 93+00
DRAWING No. 13-0018

88+00 89+00 90+00 91+00 92+00 93+00

37
N/F
PAMELA JONES
933 CHEATHAM HILL RD
PID: 19018000230
D.B. 4079, PG. 184

38
N/F
MARVIN KERLEY
925 CHEATHAM HILL RD
PID: 19018000220
D.B. 6982, PG. 476

39
N/F
JACK BROWN
911 CHEATHAM HILL RD
PID: 19018000070
D.B. 7537, PG. 463

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0017

7/31/2015 GPLN

Curve# 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

Curve# 17
PI Sta= 98+69.64
N= 1430722.4602
E= 2163856.7257
DELTA= 4°03'59.3" (RT)
D= 1°38'13.28"
T= 124.26
L= 248.41
R= 3500.00
E= 2.20

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

PI Sta= 95+59.41
N= 1430434.9467
E= 2163973.2436
DELTA= 0°42'17.9" (RT)

N/F
U.S. GOVERNMENT
PID: 19018000030

L.L.L. 100 (APPROX.MATE)
L.L.L. 117 (APPROX.MATE)

Curve# 35
PI Sta= 485+97.43
N= 1430544.17
E= 2163945.48
DELTA= 12°23'40.8" (RT)
D= 95°29'34.68"
T= 6.52
L= 12.98
R= 60.00
E= 0.35

Curve# 36
PI Sta= 486+38.97
N= 1430585.13
E= 2163938.24
DELTA= 9°33'57.1" (RT)
D=143°14'22.02"
T= 3.35
L= 6.68
R= 40.00
E= 0.14

Curve# 37
PI Sta= 486+65.53
N= 1430611.70
E= 2163938.02
DELTA= 20°38'33.8" (LT)
D= 76°23'39.74"
T= 13.66
L= 27.02
R= 75.00
E= 1.23

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N/F
U.S. GOVERNMENT
PID: 19011700010

MATCH LINE STA. 93+00
DRAWING No. 13-0017
MATCH LINE STA. 98+50
DRAWING No. 13-0019

P.T. 93+93.89
P.I. 95+59.41
P.C. 97+45.39
93+00
94+00
95+00
96+00
97+00
98+00
486+00
487+00

REMOVE & RESET SIGN
REMOVE EXIST. TREE
BEGIN TRAIL ALIGNMENT
STA 485+90.91 =
STA 96+64.56 CHEATHAM HILL RD
15.33' RT
N 1430538.1521
E 2163947.9628
BEGIN 4' SPLIT RAIL
STA 97+45.39
18.92' LT
SEE SHT 38-0002
REMOVE STRIPING, SIGNS AND SIGN BASES 1' BELOW EXISTING GRADE (NO GROUND DISTURBANCE)
COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
EXIST. R/W
SPLIT RAIL FENCE
Curve# 17
DO NOT DISTURB SPLIT RAIL FENCE
WOOD FENCE
NATIONAL PARK
E.O.P.
ASPHALT DRIVE
N22°03'38.8"W
℄ CONSTRUCTION CHEATHAM HILL ROAD
N22°45'56.8"W
N22°25'21.4"W
N 10°01'40.5" W
N 21°06'17.2" W
Curve# 16
10' TRAIL
℄ KENNESAW MOUNTAIN TRAIL
REQ'D R/W
BEGIN ORN FENCE
STA. 96+50.00
27.95' RT
END ORN FENCE
STA. 96+98.44
33.91' RT
Curve# 35
REMOVE FENCE
TIE TO EXISTING GRAVEL TRAIL
STA 96+92.24
48.43' RT
SPECIAL USE PERMIT AREA
ESA - RESOURCE 9
END CURB AND GUTTER
8"X24", TP 2
STA. 97+45.39
11.80' RT
Curve# 37
Curve# 36
N 0°27'43.4" W
DO NOT DISTURB HARDWOOD TREES (TYP.)
REMOVE FENCE
TIMBER STEPS
SEE SHEET 38-0008
STA 97+06.39
33.05' RT

39
N/F
JACK BROWN
911 CHEATHAM HILL RD
PID: 19018000070
D.B. 7537, PG. 463

40
N/F
U.S. GOVERNMENT
PID: 19011700010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0018

7/31/2015 GPLN

Curve° 17
PI Sta: 98+69.64
N: 1430722.4602
E: 2163856.7257
DELTA: 4°03'59.3" (RT)
D: 1°38'13.28"
T: 124.26
L: 248.41
R: 3500.00
E: 2.20

Curve° 38
PI Sta: 487+93.47
N: 1430731.34
E: 2163891.85
DELTA: 3°19'21.9" (RT)
D: 28°38'52.40"
T: 5.80
L: 11.60
R: 200.00
E: 0.08

Curve° 39
PI Sta: 491+99.22
N: 1431117.71
E: 2163767.93
DELTA: 2°48'09.9" (LT)
D: 28°38'52.40"
T: 4.89
L: 9.78
R: 200.00
E: 0.06

Curve° 40
PI Sta: 493+02.57
N: 1431214.46
E: 2163731.59
DELTA: 3°15'08.4" (RT)
D: 28°38'52.40"
T: 5.68
L: 11.35
R: 200.00
E: 0.08

NOTE 1 :
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N/F
U.S. GOVERNMENT
PID: 19011700010

"PARKING LOT"

SLCD4 (REBAR)
STA. 100+72.33
26.43' LT
N 1430907.168
E 2163768.939
EL 1091.68

99+00 | 100+00 | 101+00 | 102+00 | 103+00 | 104+00

MATCH LINE STA. 98+50

END 4' SPLIT RAIL
STA 98+93.23
19.13' LT
SEE SHT 38-0002

SPLIT RAIL FENCE

EXIST. R/W

ASPHALT DRIVE

P.T. 99+93.79

P.T. 101+98.18

E.O.P.

SEE NOTE 2 FOR HDPE CROSS SECTION

Curve° 17

SEE NOTE 3 FOR HDPE CROSS SECTION

℄ CONSTRUCTION CHEATHAM HILL ROAD

N17°59'39.5"W

N17°19'11.5"W

STA. 102+79.28
36.43' RT

FES-3

SEE NOTE 5 FOR TRAIL CROSSWALK DETAIL

STA. 102+88.50
11.80' RT

STA. 102+78.50
11.80' RT

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

EXIST. R/W

488+00 | 489+00 | 490+00 | 491+00 | 492+00 | 493+00

FES-1

15" HDPE

FES-6 STA. 102+89.27
35.86' RT

V5"
10"

WOOD FENCE

℄ KENNESAW MOUNTAIN TRAIL

N 17°46'55.3" W

N 20°35'05.2" W

10' TRAIL

1%
+50

15'

FES-5

FES-2

FES-4

Curve° 39

DO NOT DISTURB SPLIT RAIL FENCE

Curve° 40

REMOVE ONE SECTION OF EXIST FENCE ON EITHER SIDE OF PROPOSED TRAIL

Curve° 38

FES-8

N 21°06'17.2" W

RIVER ROCK RIP RAP
TP. 3, 18"
9 SY

RIVER ROCK RIP RAP
TP. 3, 18"
9 SY

SPECIAL USE PERMIT AREA

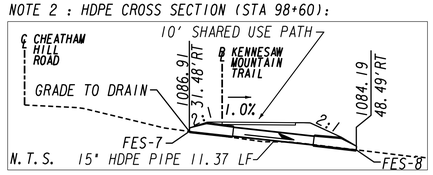
SEE NOTE 4 FOR HDPE CROSS SECTION

DRAWING No. 13-0018

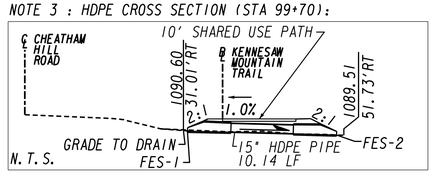
DRAWING No. 13-0020

MATCH LINE STA. 104+00

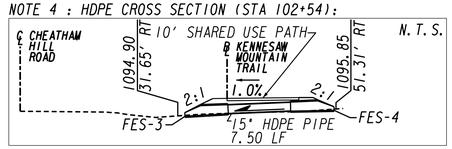
NOTE 2 : HDPE CROSS SECTION (STA 98+60):



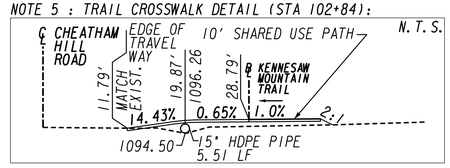
NOTE 3 : HDPE CROSS SECTION (STA 99+70):



NOTE 4 : HDPE CROSS SECTION (STA 102+54):



NOTE 5 : TRAIL CROSSWALK DETAIL (STA 102+84):



40
N/F
U.S. GOVERNMENT
PID: 19011700010

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0019

7/31/2015 GPLN

PI Sta= 495+83.83
N= 1431483.4289
E= 2163653.3428
DELTA= 15°59'30.3" (LT)
D=114°35'29.61"
T= 7.02
L= 13.96
R= 50.00
E= 0.49

Curve# 18
PI Sta= 108+91.87
N= 1431698.4549
E= 2163552.5730
DELTA= 6°00'12.2" (LT)
D= 2°05'00.54"
T= 144.20
L= 288.14
R= 2750.00
E= 3.78

PI Sta= 104+75.03
N= 1431299.3259
E= 2163672.7806
DELTA= 0°53'26.5" (RT)

PI Sta= 493+99.01
N= 1431306.52
E= 2163702.86
DELTA= 1°04'03.9" (LT)

Curve# 41
PI Sta= 494+42.68
N= 1431347.96
E= 2163689.08
DELTA= 3°48'16.4" (RT)
D= 28°38'52.40"
T= 6.64
L= 13.28
R= 200.00
E= 0.11

L.L.L. 118 (APPROXIMATE)
L.L.L. 117 (APPROXIMATE)

Curve# 42
PI Sta= 495+81.16
N= 1431481.98
E= 2163654.18
DELTA= 15°20'34.3" (LT)
D=114°35'29.61"
T= 6.73
L= 13.39
R= 50.00
E= 0.45

N/F
U.S. GOVERNMENT
PID: 19011700010

SLCD3 (REBAR)
STA. 106+29.35
23.36' RT
N 1431453.951
E 2163651.545
EL 1096.61

Curve# 43
PI Sta= 496+64.49
N= 1431554.26
E= 2163612.55
DELTA= 13°08'10.4" (RT)
D=114°35'29.61"
T= 5.76
L= 11.46
R= 50.00
E= 0.33

PI Sta= 106+32.50
N= 1431450.3622
E= 2163628.2446
DELTA= 0°31'59.7" (LT)

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

END TRAIL ALIGNMENT
STA 496+70.42 *
STA 107+41.45 CHEATHAM HILL RD
15.38' RT
N 1431559.0652
E 2163611.1607

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
GARVIN ROUNTREE
752 CHEATHAM HILL RD
PID: 19010500440
D.B. 15428, PG. 1411

L.L.L. 118 (APPROXIMATE)
L.L.L. 105 (APPROXIMATE)

MATCH LINE STA. 109+50

DRAWING No. 13-0019

MATCH LINE STA. 104+00

DRAWING No. 13-0021

104+00 105+00 106+00 107+00 108+00 109+00

P.I. 104+75.03

EXIST. R/W

ASPHALT DRIVE

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

P.I. 106+32.50

SAFETY END SECTION

BEGIN CURB AND GUTTER
8"X24". TP 2
STA. 107+29.52
11.96' RT

P.C. 107+47.67

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

EXIST. R/W

RWW

E.O.P.

N17°19'11.5"W

℄ CONSTRUCTION CHEATHAM HILL ROAD N16°25'45.0"W

N16°57'44.7"W

Curve# 18

494+00 495+00 496+00

H7

RECREATION

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

EXIST. R/W

10' TRAIL

N 17°19'56.7" W

N 18°24'00.6" W

℄ KENNESAW MOUNTAIN TRAIL

N 14°35'44.2" W

N 29°56'18.5" W

N 16°48'08.1" W

18"

EXIST. R/W

10' TRAIL

18"

EXIST. R/W

H1

H6

H2

P.I. 493+99.01

Curve# 41

DO NOT DISTURB
SPLIT RAIL FENCE

BEGIN DITCH
STA 106+50.00

Curve# 42

RIVER ROCK
RIP RAP
TP. 3, 18"
6 SY

SPECIAL USE PERMIT AREA

40
N/F
U.S. GOVERNMENT
PID: 19011700010

41
N/F
U.S. GOVERNMENT
PID: 19010600010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

L.L.L. 117 (APPROXIMATE)
L.L.L. 106 (APPROXIMATE)

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

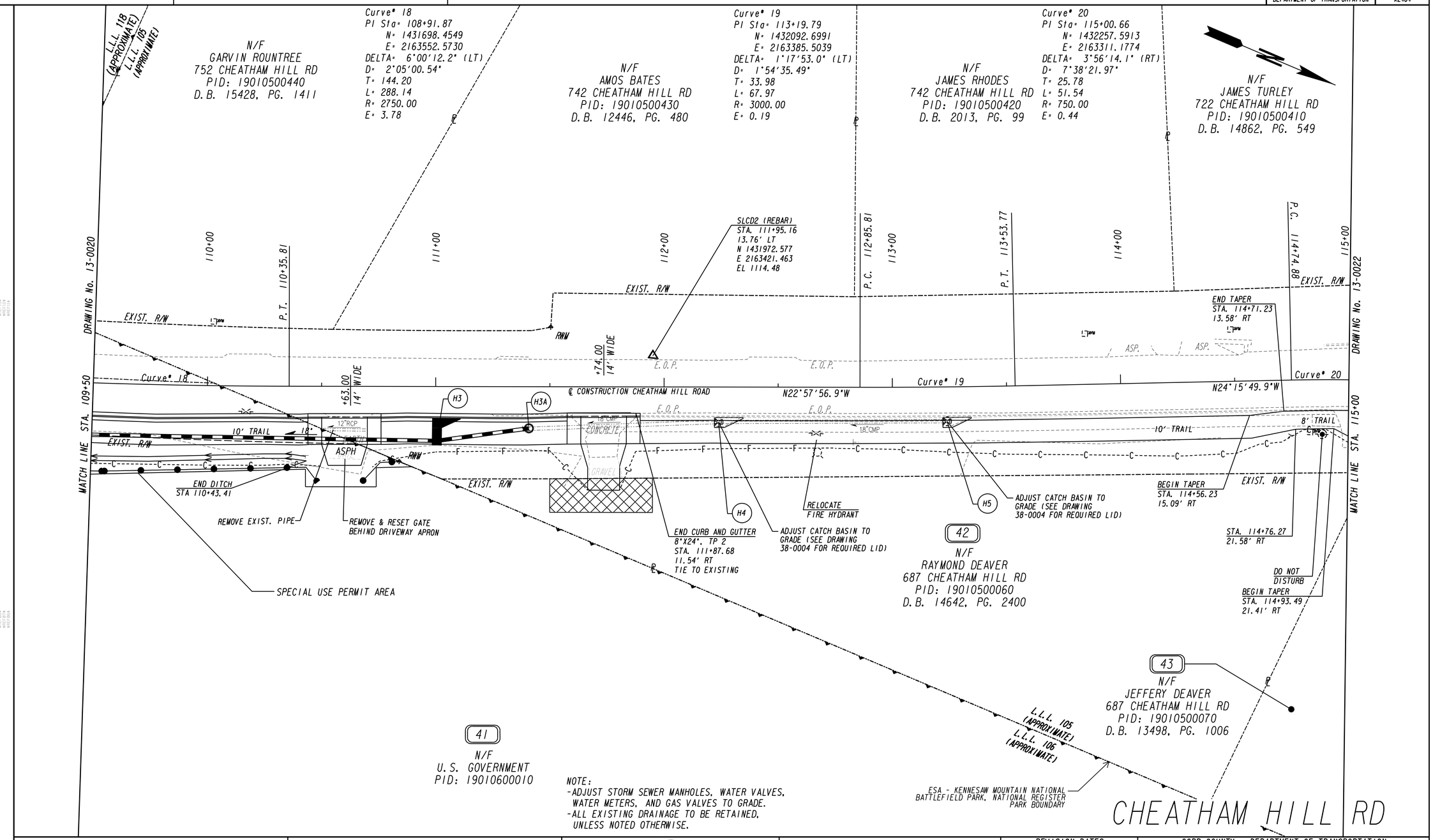
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		13-0020
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

8/6/2020 4:52:21 PM | $PRF8$ | J:\2017030\0015279\DGN\0015279_13-0021_(CH).dgn | COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

USER:jkelly



NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	————
CONSTRUCTION LIMITS	— C — F —
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
LIMIT OF ACCESS	ooo—ooo
REQ'D R/W & LIMIT OF ACCESS	||| |||
ORANGE BARRIER FENCE	●—●
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	▼—▼

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

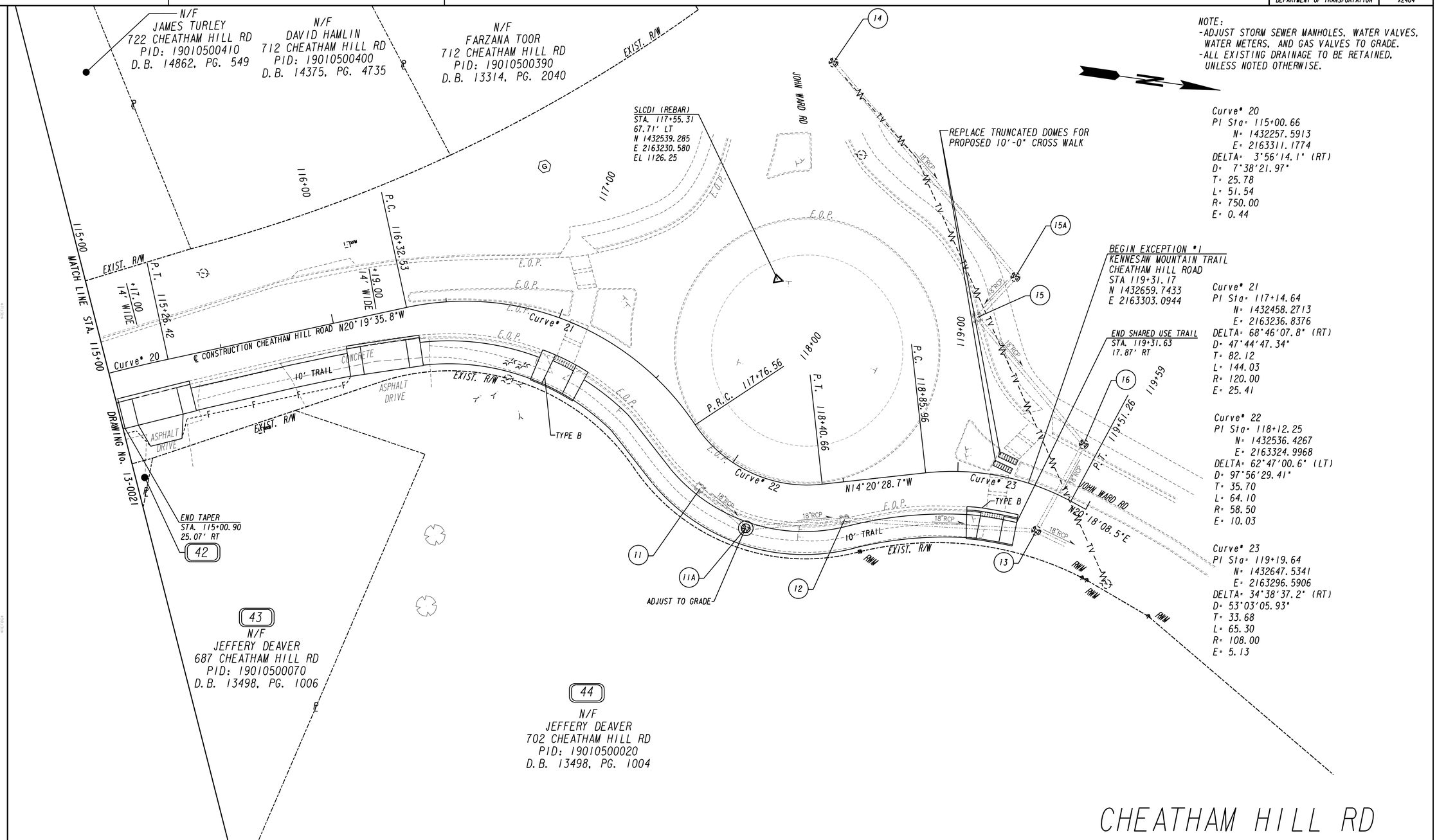
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 13-0021

7/31/2015 GPLN

8/6/2020 4:52:26 PM $PRF8$ J:\2017030\0015279\DGN\0015279_13-0022_(CH).dgn
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

Curve# 20
PI Sta= 115+00.66
N= 1432257.5913
E= 2163311.1774
DELTA= 3°56'14.1" (RT)
D= 7°38'21.97"
T= 25.78
L= 51.54
R= 750.00
E= 0.44

Curve# 21
PI Sta= 117+14.64
N= 1432458.2713
E= 2163236.8376
DELTA= 68°46'07.8" (RT)
D= 47°44'47.34"
T= 82.12
L= 144.03
R= 120.00
E= 25.41

Curve# 22
PI Sta= 118+12.25
N= 1432536.4267
E= 2163324.9968
DELTA= 62°47'00.6" (LT)
D= 97°56'29.41"
T= 35.70
L= 64.10
R= 58.50
E= 10.03

Curve# 23
PI Sta= 119+19.64
N= 1432647.5341
E= 2163296.5906
DELTA= 34°38'37.2" (RT)
D= 53°03'05.93"
T= 33.68
L= 65.30
R= 108.00
E= 5.13

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 13-0022

7/31/2015 GPLN

N/F
KEVIN E. &
PATRICIA A. REA
234 MEADOW PATH DR
PID: 20031700720
D.B. 14747, PG. 1831
P.B. 271, PG. 169

PI Sta= 203+85.71
N= 1435409.4885
E= 2163927.1514
DELTA= 0°24'54.1" (RT)

N/F
AARON M. & ALICEN M. SIBLY
235 MEADOW PATH DR
PID: 20032701010
D.B. 14178, PG. 5325
P.B. 236, PG. 43

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

END EXCEPTION #1
KENNESAW MOUNTAIN TRAIL
S.R. 120/ WHITLOCK AVE.
STA 200+33.61
N 1435432.1980
E 2163575.7908

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010

SLCD2 (REBAR)
STA. 202+92.12
27.16' LT
N 1435442.629
E 2163835.502
EL 1089.26

PROPOSED MAST ARM BY OTHERS
(PI# 0013229)

SPECIAL DESIGN SPILLWAY, TYP.
STA. 202+25.03
17.46' RT
SEE DRAWING 38-0001
FOR DETAILS

END STAMPED CONCRETE
STA. 202+77.81
15.95' RT
STA. 202+77.82
18.45' RT

SP5
STA. 203+62.17
17.97' RT

R=35'
STA. 202+82.16
18.71' RT
STA. 202+96.91
20.50' RT

R=50'
STA. 203+03.11
20.87' RT

BEGIN ORN FENCE
STA. 202+07.30
30.95' RT

P.I. 203+85.71

200+00 201+00 202+00 203+00 204+00

EXIST R/W
E.O.P.
BATTLEFIELD PARK
GUARDRAIL
CONCRETE
S86°18'07.0"E
S85°53'12.9"E
10' TRAIL
SIDEWALK
CONC.
18" RCP
CEMETERY
JOHN WARD RD SW
EXIST R/W

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.
TYPE D
BEGIN DITCH
STA 200+85.00
SP3
STA. 201+06.99
17.81' RT
SP4
R=62'
J1 J2 J3 J4 J5
SP3 SP4 SP5
L13 L14 L15
18"

BEGIN ORN FENCE
STA. 200+89.47
31.31' RT
BEGIN STAMPED CONCRETE
STA. 200+80.88
18.16' RT
STA. 200+94.76
13.81' RT
BEGIN SHARED USE TRAIL
STA. 200+55.82
30.89' RT
CLASS B CONCRETE
WIDENING TINTED
BLACK
BEGIN CURB AND GUTTER
8"X30", TP 2
STA. 200+33.61
76.93' RT

RIVER ROCK
RIP RAP
TP. 3, 18"
9 SY

END ORN FENCE
STA. 201+24.47
31.31' RT

DO NOT DISTURB
EXISTING KENNESAW
MTN BATTLEFIELD SIGN

ESA - RESOURCE 5

45
N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010

SPECIAL USE PERMIT AREA 1

END DITCH
STA 203+99.83
BEGIN DITCH
STA 203+99.83

SLCD1 (PK NAIL)
STA. (STATION)
(OFFSET)
N 1435411.557
E 2163486.164
EL 1077.41

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

PROPOSED INTERSECTION IMPROVEMENT
PROJECT BY OTHERS (PI# 0013229)

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

MATCH LINE STA. 204+50

DRAWING No. 13-0024

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

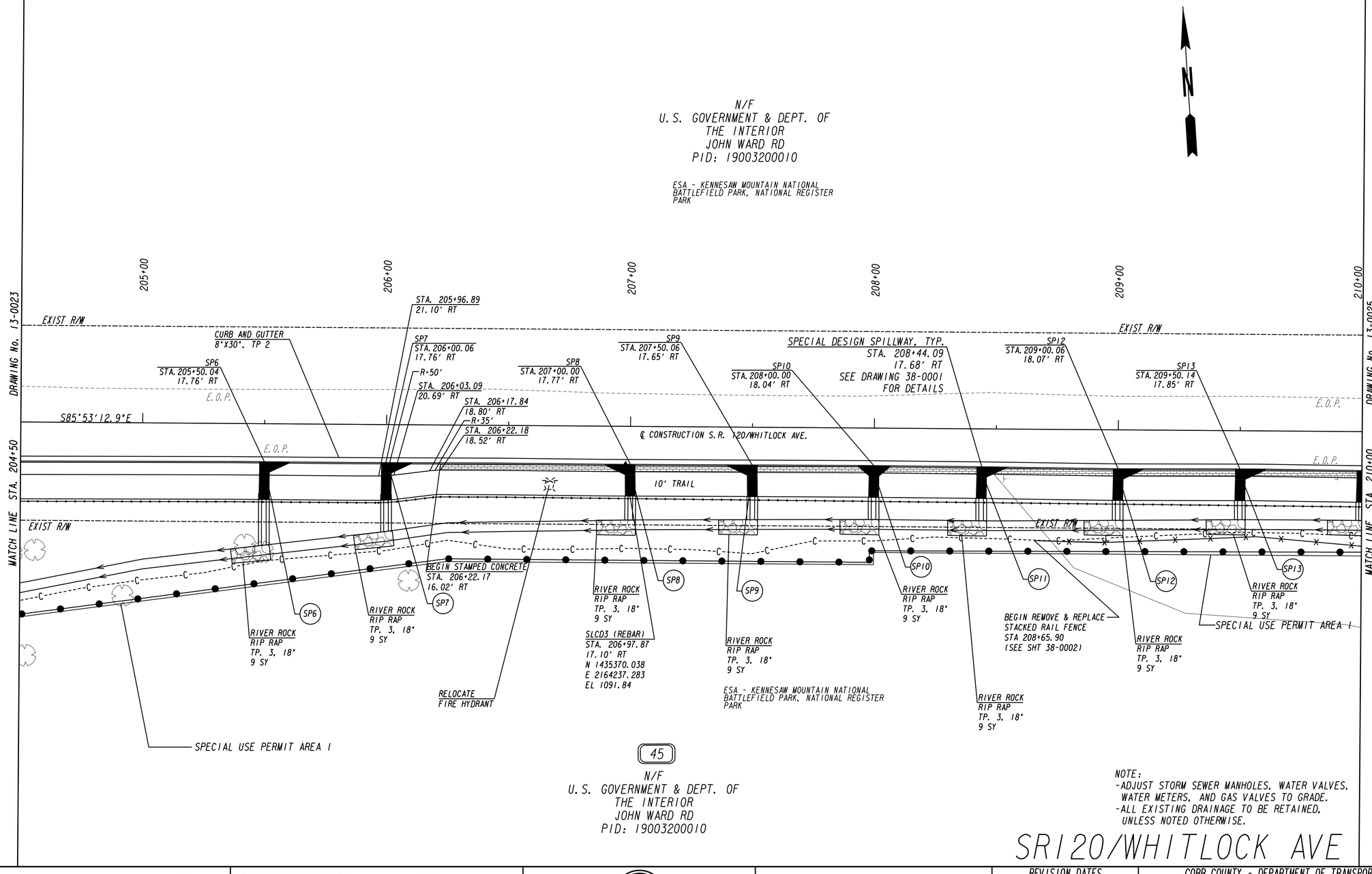
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0023

7/31/2015 GPLN



45

N/F
U.S. GOVERNMENT & DEPT. OF THE INTERIOR
JOHN WARD RD
PID: 19003200010

NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 13-0024

7/31/2015 GPLN

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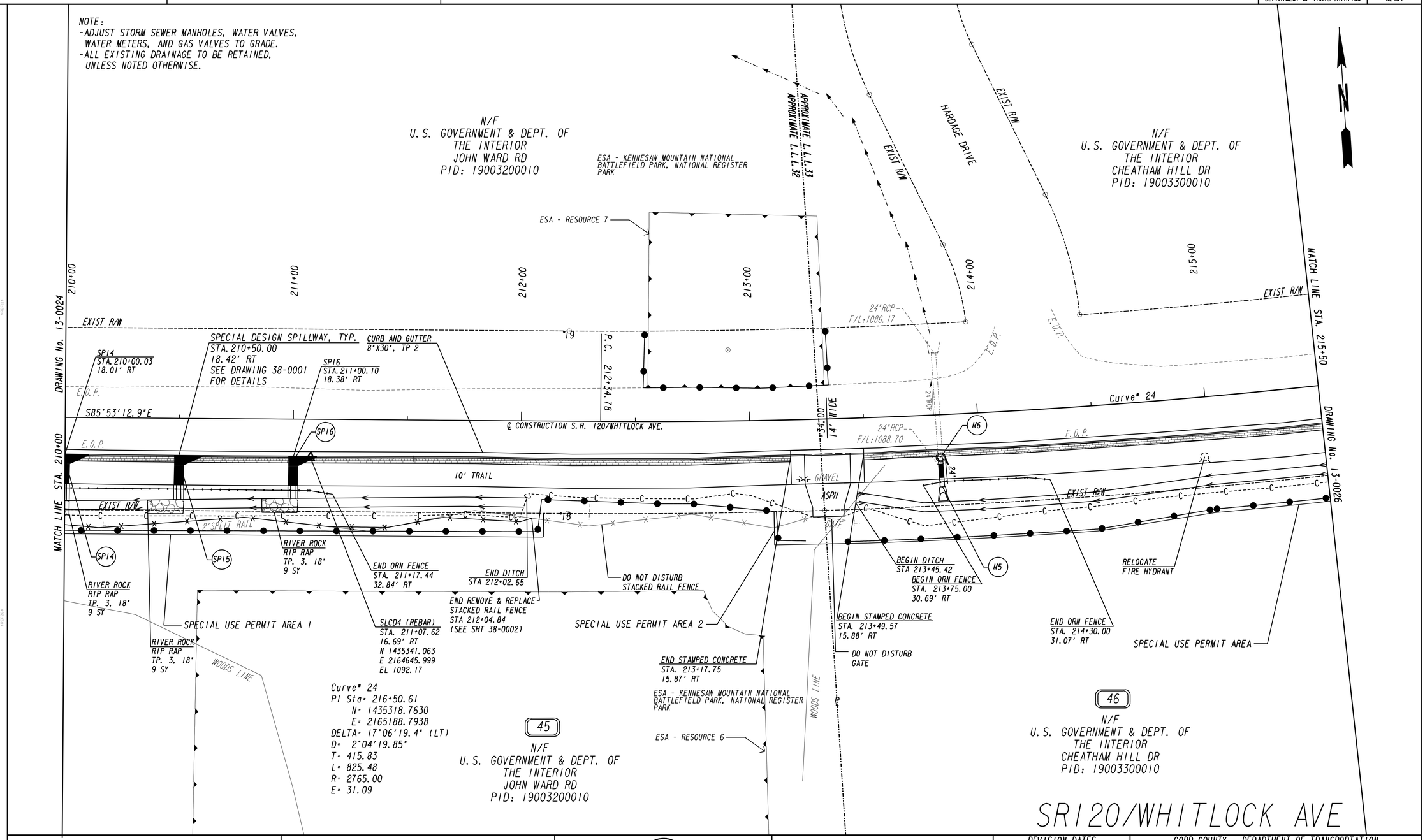
USER:jlemmings

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 13-0025

7/31/2015 GPLN

N/F
U.S. GOVERNMENT & DEPT. OF THE INTERIOR
CHEATHAM HILL DR
PID: 19003300010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N

DRAWING No. 13-0025

MATCH LINE STA. 215+50

216+00

217+00

218+00

219+00

220+00

MATCH LINE STA. 221+00

00+122

EXIST R/W

E.O.P.

SLCD5 (REBAR)
STA. 215+90.45
16.99' LT
N 1435362.897
E 2165128.485
EL 1095.13

END STAMPED CONCRETE
STA. 217+27.90
16.10' RT

STA. 217+27.91
18.60' RT

R=35'
STA. 217+32.21
18.85' RT

STA. 217+46.95
20.70' RT

R=50'
STA. 217+53.08
21.11' RT

CURB AND GUTTER
8"X30", TP 2

P.T. 220+60.26

20

N77°00'27.8"E

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

Curve# 24

10' TRAIL

CHEATHAM HILL

BEGIN ORN FENCE
STA. 217+34.00
31.67' RT

END ORN FENCE
STA. 219+10.00
33.56' RT

BEGIN ORN FENCE
STA. 220+35.00
33.76' RT

SLCD6 (REBAR)
STA. 220+55.22
17.52' RT
N 1435394.040
E 2165592.981
EL 1113.06

SPECIAL USE PERMIT AREA

46
N/F
U.S. GOVERNMENT & DEPT. OF THE INTERIOR
CHEATHAM HILL DR
PID: 19003300010

DRAWING No. 13-0027

Curve# 24
PI Sta= 216+50.61
N= 1435318.7630
E= 2165188.7938
DELTA= 17°06'19.4" (LT)
D= 2°04'19.85"
T= 415.83
L= 825.48
R= 2765.00
E= 31.09

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0026

7/31/2015 GPLN

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

N

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N/F
U.S. GOVERNMENT & DEPT. OF THE INTERIOR
CHEATHAM HILL DR
PID: 19003300010

ESA - RESOURCE 11

20TH DISTRICT
19TH DISTRICT

BEGIN EXCEPTION #2
KENNESAW MOUNTAIN TRAIL
S.R. 120/ WHITLOCK AVE.
STA 225+38.10
N 1435519.6789
E 2166059.5911

END SHARED USE TRAIL
STA. 225+39.25
28.96' RT

SLCD7 (REBAR)
STA. 224+06.83
16.31' LT
N 1435506.062
E 2165928.009
EL 1120.55

SPECIAL DESIGN SPILLWAY
STA 221+99.22
18.31' RT
SEE DRAWING 38-0001 FOR DETAILS

END STAMPED CONCRETE
STA. 222+72.15
16.98' RT

STA. 222+46.08
19.26' RT

END ORN FENCE
STA. 222+18.86
32.57' RT

BEGIN 10" HEADER CURB
STA 223+00.00
27.23' RT

END 10" HEADER CURB
STA 224+50.00
27.19' RT

BEGIN STAMPED CONCRETE
STA. 221+72.17
16.75' RT

STA. 221+72.18
19.25' RT

STA. 221+53.09
21.44' RT

STA. 221+67.84
19.54' RT

STA. 221+46.89
21.85' RT

STA. 221+50.72
32.72' RT

STA. 221+71.00
30.12' RT

RIVER ROCK RIP RAP
TP. 3, 18"
9 SY

STA. 222+51.96
18.93' RT

STA. 222+65.95
17.31' RT

END DITCH
STA 222+60.49

SPECIAL USE PERMIT AREA

SP17

MATCH LINE STA. 221+00

DRAWING No. 13-0026

EXIST R/W

N77°00'27.8"E

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

R-50'

R-35'

R-50'

CROSSWALK

ILLINOIS MON

VISITOR CENTER

10' TRAIL

CLASS B CONCRETE WIDENING TINTED BLACK

R-30' TYPE D

E.O.P.

CONC.

NO PARK MARKER

COVE

2'SPLIT-RAIL

DO NOT DISTURB EXISTING LIGHT

STA. 225+16.52
14.72' RT

END CURB AND GUTTER
8"x30", TP 2
STA. 225+39.25
28.96' RT

DO NOT DISTURB HISTORICAL MARKER

DO NOT DISTURB STACKED RAIL FENCE

GATE

CHEATHAM HILL DR

STOP

YIELD

SIDEWALK

CROSSWALK

EXIST R/W

CITY OF MARIETTA

APPROXIMATE L.L.L.J5

APPROXIMATE L.L.L.J4

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

ESA - RESOURCE 8

46
N/F
U.S. GOVERNMENT & DEPT. OF THE INTERIOR
CHEATHAM HILL DR
PID: 19003300010

N/F
KAREN B. & P. PHILL SHEARER III
1485 DALLAS CIR.
PID: 19003400180
D.B. 13562, PG. 2692
P.B. 17, PG. 166

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0027

7/31/2015 GPLN

NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

Curve* 25
PI Sta= 300+43.75
N= 1437994.6673
E= 2171763.9385
DELTA= 29°14'43.5" (LT)
D= 22°55'05.92"
T= 65.23
L= 127.61
R= 250.00
E= 8.37

END EXCEPTION *2
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 300+12.23
N 1437962.9784
E 2171763.0912

N/F
BMR REALTY LLC
940 WHITLOCK AVE NW
PID: 16122400520
D.B. 15128, PG. 6427

N/F
HAYLEY REDD LP
1000 WHITLOCK AVE
PID: 20032300030
D.B. 9817, PG. 411

EXIST R/W
20TH DISTRICT
16TH DISTRICT
APPROXIMATE L.L.L.323
APPROXIMATE L.L.L.1224
APPROXIMATE L.L.L.1225
APPROXIMATE L.L.L.1224
299+51
299+51.08
POB
299+78.52
P.C.
300+00
301+00
301+06.75
P.I.
302+00
303+00
304+00
N02°34'23.7"W
N31°49'07.2"W
Curve* 25
SIDEWALK
BRICK PAVERS
24"RCP
48"RCP
36"RCP
18"RCP
15"RCP
54"CMP

STA. 301+10.00
40.89' RT
DE10146 &
46.00' RT
DE10147

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 301+27.55
24.00' RT
TIE TO EXISTING

CC2
ADJUST CATCH BASIN
TOP TO GRADE
TOP ELEV. = 1065.06

STA. 302+33.00
40.00' RT
DE10008 &
43.00' RT
DE10151

SLCD19 (REBAR)
STA. 303+89.10
27.27' RT
N 1438304.921
E 2171603.528
EL 1071.10

CC1
ADJUST CATCH BASIN
TOP TO GRADE
TOP ELEV. = 1070.63

STA. 303+85.00
40.00' RT
DE10149 &
43.00' RT
DE10150

℄ CONSTRUCTION BURNT HICKORY RD.

BEGIN SHARED USE TRAIL
STA 300+12.23
40.06' RT
TIE TO EXISTING

BEGIN FENCE
REPLACE IN KIND
STA. 303+07.91
44.76' RT

TYPE B
R = 34'
TYPE D
R = 25'
8' TRAIL
10' TRAIL
WHITLOCK AVE / SR 120
RETAINING WALL
WALL
EXIST R/W

REMOVE FENCE
RELOCATE
FIRE HYDRANT
STA. 302+57.21
38.73' RT
STA. 303+06.17
38.81' RT
RELOCATE
PEDESTAL
STA. 303+59.42
38.21' RT
END FENCE
REPLACE IN KIND
STA. 303+60.78
44.74' RT
END WALL 5
STA. 303+80.00
GA STD 9031L
38.36' RT
STA. 303+89.58
26.47' RT

BEGIN WALL 5
STA. 302+38.00
GA STD 9031L
38.91' RT

END CURB AND GUTTER
8"X24", TP 2
STA. 301+52.12
37.22' RT
TIE TO EXISTING

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 301+91.06
38.75' RT
TIE TO EXISTING

END CURB AND GUTTER
8"X24", TP 2
STA. 302+08.28
23.97' RT
TIE TO EXISTING

"EXISTING DETENTION POND"

47
N/F
RACETRAC PETROLEUM INC & C/O SILVER OAKS ADVISORS
900 WHITLOCK AVE
PID: 16122400200
D.B. 15414, PG. 859

RACETRAC MARKET
(BY OTHERS)

BEGIN TAPER
STA. 300+57.25
39.67' RT

END TAPER
STA. 300+74.08
38.32' RT

PROPOSED USTs
+/- 160'

RECONSTRUCT SPECIAL DESIGN SPILLWAY
STA 301+17.20
25.92' RT
SEE DRAWING 38-0001
FOR DETAILS

SP18

48
N/F
RACETRAC PETROLEUM INC & C/O SILVER OAKS ADVISORS
900 WHITLOCK AVE
PID: 16122400560
D.B. 15414, PG. 859

N/F
ASPIRE OF MARIETTA LLC
920 BURNT HICKORY RD
PID: 16122400190
D.B. 15134, PG. 1424
P.B. 3, PG. 46

BURNT HICKORY RD

MATCH LINE STA. 304+00 SEE SHEET 26-0029

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0028

7/31/2015 GPLN

8/6/2020 4:53:00 PM
USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

N/F
HAYLEY REDD LP
1000 WHITLOCK AVE
PID: 20032300030
D.B. 9817, PG. 411

N/F
THE CAR WASH DEPOT II LLC
1000 WHITLOCK AVE
PID: 20032300480
D.B. 13821, PG. 3990

N/F
HAYLEY REDD LP
1000 WHITLOCK AVE
PID: 20032300030
D.B. 9817, PG. 411

N/F
UCB METRO PROPERTIES INC
1001 POLK ST
PID: 20032300470
D.B. 14544, PG. 618

EXIST R/W

304+00

WATCH LINE STA. 304+00 SEE SHEET 13-0028

EXIST R/W

36"RCP

305+00

36"RCP

306+00

36"RCP

36"RCP

307+00

SLCD18 (REBAR)
STA. 307+78.56
28.24' RT
N 1438655.565
E 2171439.293
EL 1086.99

308+00

309+00

EXIST R/W

WATCH LINE STA. 309+50 SEE SHEET 13-0030

N31°49'07.2"W

Curve# 26

P.C. 304+02.33

℄ CONSTRUCTION BURNT HICKORY RD.

N23°39'14.1"W

P.T. 305+09.21

36"RCP

P.C. 307+38.41

Curve# 27

EXIST R/W
END SHARED USE TRAIL
STA. 304+04.63
29.15' RT
TIE TO EXIST.

10' EXIST TRAIL

24"RCP

24"RCP

24"RCP

HT

10' EXIST TRAIL

18"RCP

SIGNAL CABINET

24"RCP

24"RCP

18"DIP

EXIST R/W

APPROXIMATE L.L.L. 323
APPROXIMATE L.L.L. 1224

20TH DISTRICT
16TH DISTRICT

48

N/F
RACETRAC PETROLEUM INC &
C/O SILVER OAKS ADVISORS
900 WHITLOCK AVE
PID: 16122400560
D.B. 15414, PG. 859

Curve# 26
PI Sta: 304+55.86
N: 1438347.2652
E: 2171545.1594
DELTA: 8°09'53.1" (RT)
D: 7°38'21.97"
T: 53.53
L: 106.88
R: 750.00
E: 1.91

N/F
ASPIRE OF MARIETTA LLC
920 BURNT HICKORY RD
PID: 16122400190
D.B. 15134, PG. 1424
P.B. 3, PG. 46

Curve# 27
PI Sta: 308+63.27
N: 1438720.6161
E: 2171381.6278
DELTA: 25°13'34.4" (LT)
D: 10°16'05.02"
T: 124.86
L: 245.68
R: 558.00
E: 13.80

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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VERIFIED: DATE:

DRAWING No.
13-0029

7/31/2015 GPLN

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

50
N/F
THE THOMAS GROUP-CROSSING, INC
BURNT HICKORY CIRCLE
D.B. 13475, PG. 3640

51
N/F
CASA GROUP LLC
1001 BURNT HICKORY RD
PID: 20032300430
D.B. 13313, PG. 4848

TIE TO EXIST. 5' SIDEWALK, STA 310+27.89
BEGIN SHARED USE TRAIL
STA. 310+31.04
61.22' LT
TIE TO EXIST.

POLK STREET EXT
18"CMP
18"RCP
EXIST R/W
AA4
BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 310+24.40
91.04' LT
TIE TO EXISTING
STA. 310+34.47
73.42' LT
BEGIN ORN FENCE
STA. 310+45.22
39.32' LT
BEGIN WALL 4
GA STD 9031L
STA 310+45.50
69.72' LT
STA. 310+66.60
31.24' LT
END WALL 4
GA STD 9031L
STA 310+97.52
38.93' LT
R=10'
R=55'
TYP. 5' SIDEWALK
TYPE B
EXISTING POND
ROD R/W
BEGIN DITCH
TIE TO EXISTING
STA 311+05.00
END ORN FENCE
STA. 311+10.00
37.59' LT
AA3
AA2
AA1
310+00
311+00
312+00
313+00
314+00
315+00
P.T. 309+84.09
Curve# 27
MAST POLE
TRAFFIC CONTROL BOX TO BE SET FLUSH WITH TRAIL
R=30'
STA. 310+66.96
40.38' LT
STA. 310+66.23
41.20' LT
STA. 310+56.14
48.60' LT
STA. 310+87.37
40.27' LT
STA. 310+82.56
31.12' LT
18"
10' TRAIL
END DITCH
STA 311+75.00
SLCD16 (REBAR)
STA. 314+23.54
17.92' LT
N 1439078.740
E 2170944.831
EL 1119.15
END TAPER
STA. 314+91.00
13.21' LT
EXIST R/W
STA. 311+62.70
10.43' LT
STA. 311+70.45
12.42' LT
STA. 311+71.48
22.42' LT
℄ CONSTRUCTION BURNT HICKORY RD.
N48°52'48.5"W
N48°02'40.2"W
BEGIN TAPER
STA. 314+49.99
17.44' LT
P.I. 313+92.35
MATCH LINE STA. 309+50 SEE SHEET 13-0029
MATCH LINE STA. 315+00 SEE SHEET 13-0031
18"RCP
SLCD17 (REBAR)
STA. 311+02.17
29.13' RT
N 1438902.330
E 2171217.760
EL 1104.92
N/F
CITY OF MARIETTA
970 BURNT HICKORY RD NW
PID: 20032300020
D.B. 15213, PG. 6205
POLK STREET
Curve# 27
PI Sta= 308+63.27
N= 1438720.6161
E= 2171381.6278
DELTA= 25°13'34.4" (LT)
D= 10°16'05.02"
T= 124.86
L= 245.68
R= 558.00
E= 13.80
PI Sta= 313+92.35
N= 1439071.2215
E= 2170980.0023
DELTA= 0°50'08.3" (RT)
N/F
HAROLD C. & MARILYN M. MAULDING
950 MOUNTAIN BROOK LN
PID: 20032300360
D.B. 14085, PG. 2479
P.B. 99, PG. 26
N/F
ROGER EDWARD WILK
940 MOUNTAIN BROOK LN
PID: 20032300370
D.B. 15219, PG. 1559
P.B. 77, PG. 32
BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0030

7/31/2015 GPLN

Curve* 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

APPROXIMATE L.L.L. 322
APPROXIMATE L.L.L. 323

51
N/F
CASA GROUP LLC
1001 BURNT HICKORY RD
PID: 20032300430
D.B. 13313, PG. 4848

END CURB AND GUTTER
8"X24", TP 2
STA. 319+03.51
15.66' LT
TIE TO EXIST.

STA. 318+44.08
12.27' LT

RELOCATE FIRE HYDRANT OUTSIDE TRAIL

315+00 316+00 317+00 318+00 319+00 320+00 321+00

DD1A DD1 DD2A DD2

EXIST R/W
EXIST R/W
18" 18"
10' TRAIL
10' TRAIL
18" RCP
ADJUST TO GRADE

MATCH LINE STA. 315+00 SEE SHEET 13-0030

N48°02'40.2"W
Curve* 28
℄ CONSTRUCTION BURNT HICKORY RD.

P.C. 318+39.45

SLCD15 (REBAR)
STA. 317+14.32
16.07' RT
N 1439298.427
E 2170751.308
EL 1096.82

SLCD14 (REBAR)
STA. 320+91.30
27.65' LT
N 1439537.339
E 2170454.367
EL 1062.71

MOUNTAIN BROOK CT

MATCH LINE STA. 321+00 SEE SHEET 13-0032

N/F
MICHAEL & EVA D. HARP
930 MOUNTAIN BROOK LN
PID: 20032300380
D.B. 14855, PG. 1548
P.B. 77, PG. 32

N/F
ROGER EDWARD WILK
940 MOUNTAIN BROOK LN
PID: 20032300370
D.B. 15219, PG. 1559
P.B. 77, PG. 32

N/F
GEORGE J. & IRENE Y. BUSHEY
930 MOUNTAIN BROOK LN
PID: 20032300390
P.B. 77, PG. 32

N/F
TONY GENE & CARRA LEE HARRIS
910 MOUNTAIN BROOK LN
PID: 20032300400
D.B. 12293, PG. 119
P.B. 77, PG. 32

N/F
JAMES K. & ANNETTE H. PIERCE
176 MOUNTAIN BROOK CT
PID: 20032300410
D.B. 12293, PG. 119
P.B. 77, PG. 32

N/F
DALE R. & KATRINA M. BOWLES
175 MOUNTAIN BROOK CT
PID: 20032300060
D.B. 15358, PG. 3410
P.B. 77, PG. 32

EXIST R/W
EXIST R/W
EXIST R/W

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 13-0031

7/31/2015 GPLN

8/6/2020 4:53:15 PM $PRF8$ J:\2017030\0015279\DGN\0015279_13-0032_(BH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404

51
N/F
CASA GROUP LLC
1001 BURNT HICKORY RD
PID: 20032200430
D.B. 13313, PG. 4848

52
N/F
TIMOTHY B. & REBECCA P. STRINGER
811 DEVONWOOD TRL
PID: 20032201440
P.B. 145, PG. 54

N/F
STEVEN & KATHY SHERMAN
204 MAYFAIR PL
PID: 20032201430
D.B. 8864, PG. 349
P.B. 145, PG. 54

N/F
MYRON & TONYA COBB
214 MAYFAIR PL
PID: 20032201420
D.B. 14171, PG. 2659
P.B. 145, PG. 54

WESTBOROUGH DR

DEVONWOOD TRAIL

EXIST R/W

BEGIN CURB AND GUTTER
8'X24', TP 2
STA. 324+24.77
49.88' LT
TIE TO EXIST.

END CURB AND GUTTER
8'X24', TP 2
STA. 324+02.80
47.48' LT
TIE TO EXISTING

BEGIN CURB AND GUTTER
8'X24', TP 2
STA. 323+71.44
24.38' LT
TIE TO EXISTING

END CURB AND GUTTER
STA. 322+67.61
22.50' LT
TIE TO EXIST.

STA. 322+48.20
24.10' LT

DO NOT DISTURB
WALL AND FENCE

DO NOT DISTURB
WOOD FENCE

STA. 324+26.29
45.25' LT

STA. 325+89.74
14.05' LT

END CURB AND GUTTER
8'X24', TP 2
STA. 321+77.87
38.29' LT
TIE TO EXISTING

END TAPER
STA. 322+79.34
25.97' LT

DD3

WOOD POINT

321+00

322+00

323+00

324+00

325+00

326+00

4' WROUGHT-IRON FENCE
BRICK WALL

6' WOOD FENCE

CARRIAGE OAKS

STOP

TYPE D

EXIST R/W

10' TRAIL

8' TRAIL

R = 28'

R = 35'

R=25'

R=35'

18"RCP

24"CMP

36"CMP

REMOVE LIGHT POLE
(ALL COST TO BE INCLUDED IN BID PRICE FOR GRADING COMPLETE PER LUMP SUM)

STA. 321+55.07
23.28' LT

Curve# 28

STA. 322+38.08
22.30' LT

BEGIN CURB AND GUTTER
STA. 322+16.24
36.51' LT
TIE TO EXIST.

℄ CONSTRUCTION BURNT HICKORY RD.

N28°39'17.6"W

RELOCATE FIRE HYDRANT

DO NOT DISTURB
NEIGHBORHOOD PILLAR

CITY OF MARIETTA

SHARE

EXIST R/W

BEGIN TAPER
STA. 324+57.87
21.21' LT

ADJUST TO GRADE
CB TO DI

BEGIN TAPER
STA. 322+54.80
24.73' LT

BEGIN CURB AND GUTTER
8'X24', TP 2
STA. 321+47.38
22.87' LT
TIE TO EXISTING

ESA - ANDERSON PROPERTY

P.T. 323+16.61

SLCDI3 (REBAR)
STA. 324+63.55
32.29' LT
N 1439856.008
E 2170254.068
EL 1035.57

MATCH LINE STA. 321+00 SEE SHEET 13-0031

MATCH LINE STA. 326+00 SEE SHEET 13-0033

N/F
DALE R. & KATRINA M. BOWLES
175 MOUNTAIN BROOK CT
PID: 20032300060
D.B. 15358, PG. 3410
P.B. 77, PG. 32

N/F
JAMES T. III & WILLIAM T. &
KENT LESLIE VIRGINIA ANDERSON
1100 BURNT HICKORY RD
PID: 20032200030
D.B. 14693, PG. 2103

Curve# 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

CITY OF MARIETTA

APPROXIMATE L.L.L. 322

APPROXIMATE L.L.L. 323

NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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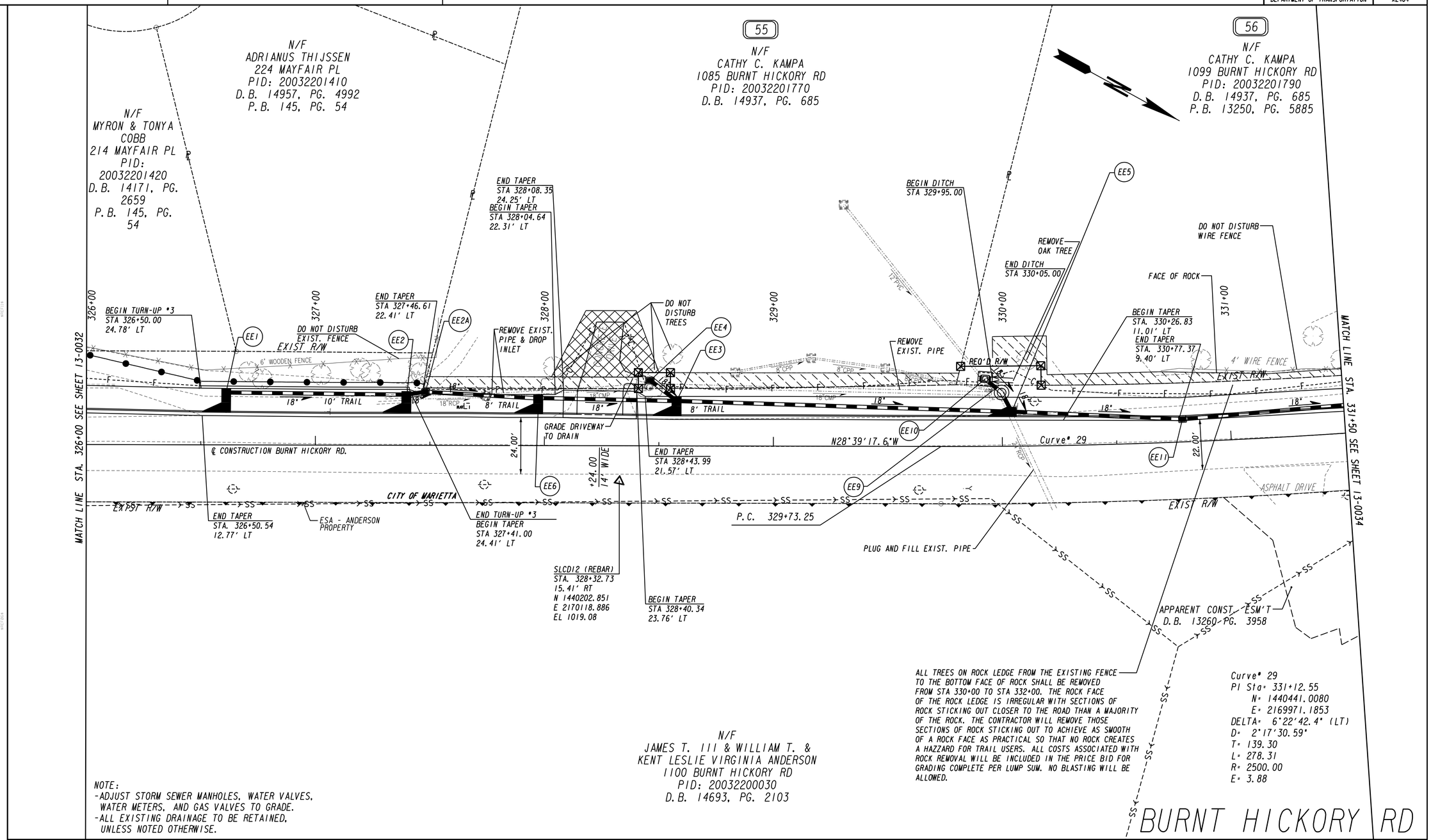
DRAWING No. 13-0032

7/31/2015 GPLN

8/6/2020 4:53:20 PM $PRF8$ J:\2017030\0015279\DGN\0015279_13-0033_(BH).dgn
USER:jkelly
COBB COUNTY DEPARTMENT OF TRANSPORTATION
Project No. X2404



NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	
BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
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CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 13-0033

7/31/2015 GPLN

56
N/F
CATHY C. KAMPA
1099 BURNT HICKORY RD
PID: 20032201790
D.B. 14937, PG. 685
P.B. 13250, PG. 5885

PERENNIAL STREAM 5
NOSES CREEK

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

APPARENT CONST. ESM'T
D.B. 13260 PG. 3960

BEGIN "W" BEAM GUARDRAIL
GA STD. 4380
GA STD. 4383
TYPE I ANCHOR
STA 332+37.63

DO NOT DISTURB
CHAIN LINK FENCE

BEGIN TAPER
STA. 332+24.41
22.18' LT

END TAPER
STA. 332+02.22
22.81' LT

RIVER ROCK
RIP RAP
TP. 3, 18"
12 SY

TOP OF BANK NOSES CREEK

TOP OF BANK

CITY OF MARIETTA

END "W" BEAM GUARDRAIL
GA STD. 4380
GA STD. 4384
TYPE 12A ANCHOR
STA 332+95.78

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

57
N/F
U.S. GOVERNMENT
BURNT HICKORY
ROAD
PID: 20032200090

SPECIAL USE PERMIT AREA

BEGIN ORN FENCE
STA. 333+50.00
23.35' LT

END ORN FENCE
STA. 334+05.00
24.28' LT

SPECIAL USE PERMIT AREA

BEGIN TAPER
STA. 331+93.01
18.94' LT

BEGIN TRAIL TAPER
STA. 334+50.61
14.41' LT

END TRAIL TAPER
STA. 335+00.55
16.12' LT

332+00 333+00 334+00 335+00 336+00 337+00

EE14 EE13 EE12 FF4 FF2 FF2A FF3

EXIST R/W

8' TRAIL

10' TRAIL

KENNESAW MT.

18"

MATCH LINE STA. 331+50 SEE SHEET 13-0033

MATCH LINE STA. 337+00 SEE SHEET 13-0035

Curve# 29

Curve# 30

N35°02'00.0"W

22.00'

20' WIDE +10.00

℄ CONSTRUCTION BURNT HICKORY RD.

CURB AND GUTTER
8"X24", TP 2

P.C. 336+18.12

P.T. 332+51.56

RETAIN FIRE HYDRANT

REMOVE EXISTING WEATHERING STEEL GUARDRAIL AND REPLACE WITH STANDARD GUARDRAIL, PAINTED

APPARENT CONST. ESM'T
D.B. 13260 PG. 3958

END TAPER
STA. 332+33.31
17.85' LT

SLCD11 (REBAR)
STA. 333+07.97
20.96' LT
N 1440589.224
E 2169841.674
EL 1009.40

N/F
JAMES T. III & WILLIAM T. & KENT LESLIE VIRGINIA ANDERSON
1100 BURNT HICKORY RD
PID: 20032200030
D.B. 14693, PG. 2103

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

NOSES CREEK

ESA - ANDERSON PROPERTY

PERENNIAL STREAM 5
NOSES CREEK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

Curve# 29
PI Sta: 331+12.55
N: 1440441.0080
E: 2169971.1853
DELTA: 6°22'42.4" (LT)
D: 2°17'30.59"
T: 139.30
L: 278.31
R: 2500.00
E: 3.88

Curve# 30
PI Sta: 337+50.91
N: 1440963.9427
E: 2169604.5687
DELTA: 31°14'16.0" (LT)
D: 12°03'44.17"
T: 132.79
L: 258.97
R: 475.00
E: 18.21

APPROXIMATE L.L.L.132
APPROXIMATE L.L.L.287

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0034

7/31/2015 GPLN

NOTE:
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
- ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

WETLAND 6

57
N/F
U.S. GOVERNMENT
BURNT HICKORY ROAD
PID: 20032200090

58
N/F
KENNESAW NATIONAL PARK
BURNT HICKORY ROAD
PID: 20028700010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

APPROXIMATE L.L.L. 322
APPROXIMATE L.L.L. 287

SPECIAL USE PERMIT AREA

RIVER ROCK RIP RAP
TP. 3, 18"
8 SY

BEGIN ORN FENCE
STA. 341+42.00
28.38' LT

MATCH LINE STA. 337+00 SEE SHEET 13-0034

337+00
338+00
339+00
340+00
341+00
342+00

FF5
FF6
GG1
GG2

18"
10' TRAIL
EXIST R/W
22.00'

Curve# 30
N66°16'16.0"W
Curve# 31
N67°25'48.6"W
℄ CONSTRUCTION BURNT HICKORY RD.

MATCH LINE STA. 342+00 SEE SHEET 13-0036

KENNESAW MT.

SLCD10 (REBAR)
STA. 337+00.08
17.69' RT
N 1440930.432
E 2169640.732
EL 1018.09

N/F
KENNESAW NATIONAL PARK
BURNT HICKORY ROAD
PID: 20028700010

P.T. 338+77.09

CURB AND GUTTER
8"X24", TP 2

P.C. 339+73.20

SLCD9 (REBAR)
STA. 340+62.15
16.21' RT
N 1441106.156
E 2169319.604
EL 1043.38

P.T. 340+89.10

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve# 30
PI Sta= 337+50.91
N= 1440963.9427
E= 2169604.5687
DELTA= 31°14'16.0" (LT)
D= 12°03'44.17"
T= 132.79
L= 258.97
R= 475.00
E= 18.21

Curve# 31
PI Sta= 340+31.15
N= 1441079.3764
E= 2169341.9631
DELTA= 1°09'32.6" (LT)
D= 1°00'00.00"
T= 57.95
L= 115.90
R= 5729.58
E= 0.29

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0035

7/31/2015 GPLN

APPROXIMATE L.L.L. 322
APPROXIMATE L.L.L. 287

58
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ESA - RESOURCE 3

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

SPECIAL USE PERMIT AREA

342+00

343+00

344+00

345+00

346+00

BEGIN TAPER
STA. 343+00.00
16.30' LT
26.30' LT

END ORN FENCE
STA. 342+75.00
28.63' LT

STA. 346+39.74
22.69' LT

BEGIN TRAIL TAPER
STA. 346+39.74
14.69' LT

MATCH LINE STA. 342+00 SEE SHEET 13-0035

EXIST R/W

10' TRAIL

8' TRAIL

EXIST R/W

8' TRAIL

EXIST R/W

℄ CONSTRUCTION BURNT HICKORY RD.

N67°25'48.6"W

Curve° 32

22.00'

N27°42'32.0"W

346+50 SEE SHEET 13-0037

END TAPER
STA. 343+18.57
14.58' LT

END TAPER
STA. 343+26.04
22.50' LT

P.C. 343+74.19

CURB AND GUTTER
8"X24", TP 2

SLCDB (REBAR)
STA. 344+69.96
16.99' LT
N 1441246.017
E 2168932.337
EL 1075.83

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

P.T. 346+16.83

EXIST R/W

STA. 346+49.24
24.18' LT

END TRAIL TAPER
STA. 346+49.23
14.18' LT

MATCH LINE STA. 346+50 SEE SHEET 13-0037

Curve° 32
PI Sta° 345+00.62
N° 1441259.5623
E° 2168908.4513
DELTA° 39°43'16.5" (RT)
D° 16°22'12.80"
T° 126.43
L° 242.64
R° 350.00
E° 22.13

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0036

7/31/2015 GPLN

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

58
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

58
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

WETLAND 7

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 8

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 3

SPECIAL USE PERMIT AREA

STA. 362+00.00
40.91' LT
STA. 346+62.00
10.00' LT
14.00' LT
STA. 346+66.00
10.00' LT
14.00' LT
STA. 346+54.26
35.10' LT
R=10'
BEGIN ORN FENCE
STA. 346+83.00
27.15' LT

SPECIAL USE PERMIT AREA
END SHARED USE TRAIL
STA. 347+56.00
46.97' LT
STA. 346+95.92
39.62' LT
STA. 347+02.76
39.93' LT

RIVER ROCK
RIP RAP
TP. 3, 18"
36 SY

END ORN FENCE
STA. 349+78
26.58' LT

347+00
348+00
349+00
350+00
351+00

HH1
HH1A
HH2
HH3
HH4

MATCH LINE STA. 351+00 SEE SHEET 13-0038

EXIST R/W
8' TRAIL
10' TRAIL
R=40'
18"
22.00'
Curve 33

REMOVE STAIRS AND CROSSWALK

N27°42'32.0"W

℄ CONSTRUCTION BURNT HICKORY RD.

CURB AND GUTTER
8"X24", TP 2

P.C. 347+86.35

24"RCP
36"RCP

WETLAND 9

25' SERVICE ROAD

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 8

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SLCDT (REBAR)
STA. 349+18.91
19.83' RT
N 1441642.931
E 2168708.980
EL 1067.89

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PROPOSED NPS TRAIL (BY OTHERS)

ESA - RESOURCE 4

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

Curve 33
PI Sta: 350+03.78
N: 1441714.0596
E: 2168669.7448
DELTA: 47°00'17.0" (LT)
D: 11°27'32.96"
T: 217.43
L: 410.19
R: 500.00
E: 45.23

MATCH LINE STA. 346+50 SEE SHEET 13-0036

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
13-0037

7/31/2015 GPLN

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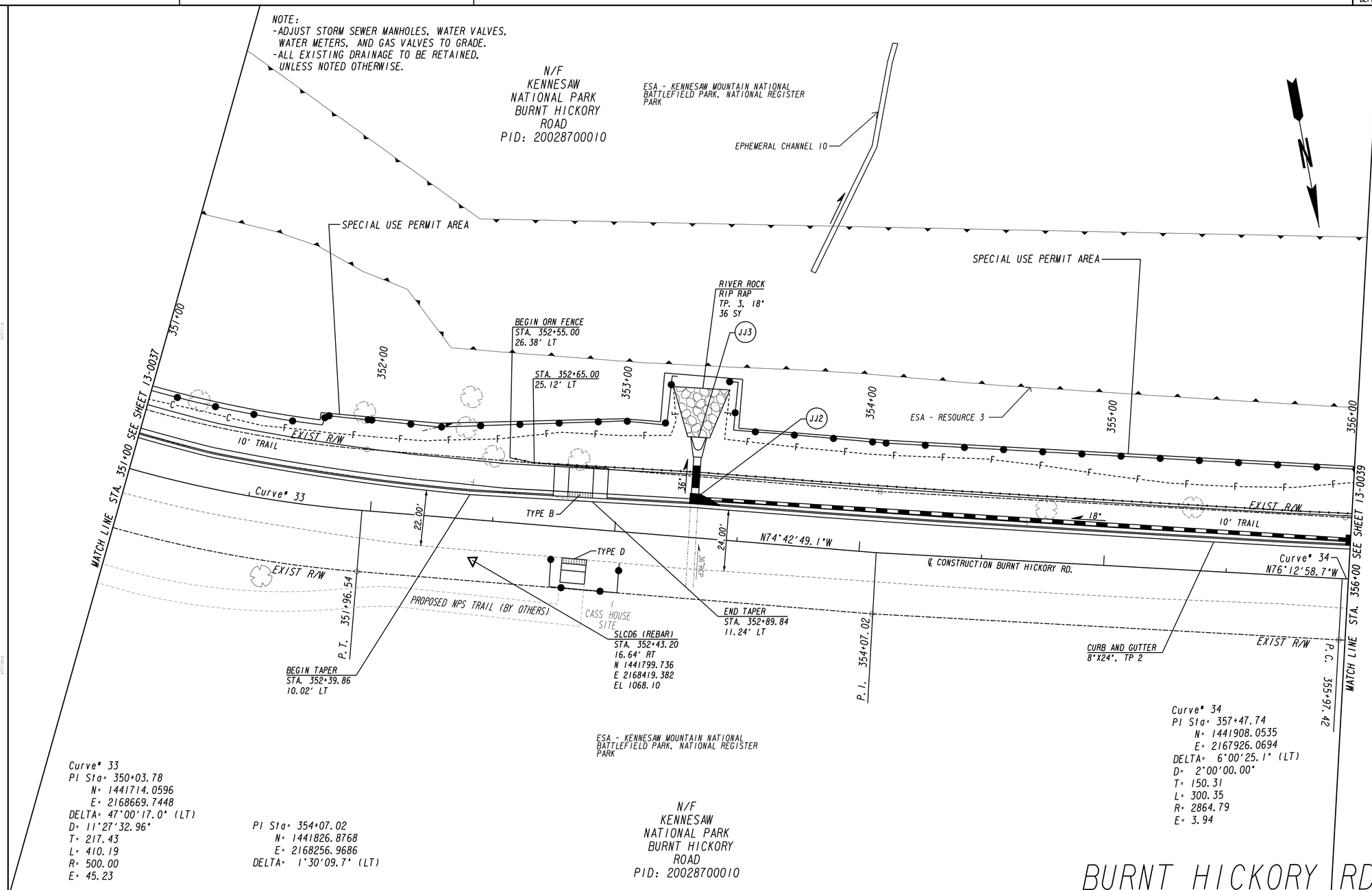
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 13-0038

7/31/2015 GPLN

58

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

59

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028800010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 2

SPECIAL USE PERMIT AREA

SPECIAL USE PERMIT AREA

ESA - RESOURCE 3

RELOCATE HISTORIC SIGN TO STA 360+57.00

P.T. 500+13.09

P.C. 500+09.63

STA. 360+60.00
31.00' LT

STA 360+59.00
25.98' LT
29.98' LT

STA. 360+54.00
31.00' LT

STA 360+55.00
25.97' LT
29.97' LT

356+00 | 357+00 | 358+00 | 359+00 | 360+00 | 361+00 | 500+00

JJI

MATCH LINE STA. 356+00 SEE SHEET 13-0038

MATCH LINE STA. 361+50 SEE SHEET 13-0040

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

10' TRAIL

10' TRAIL

@ TRAIL ALIGNMENT 2

N82°53'18.8"W

N82°13'23.8"W

Curve° 34

℄ CONSTRUCTION BURNT HICKORY RD.

BEGIN REMOVE FENCE

BEGIN TRAIL ALIGNMENT
STA 500+00.00
STA 360+83.01 CHEATHAM HILL RD
16.16' LT
N 1441937.4465
E 2167591.4177

END REMOVE FENCE
BEGIN REMOVE & RESET
4' SPLIT RAIL FENCE
STA 361+44.89
(SEE SHT 38-0002)

END CURB AND GUTTER
8'X24', TP 2
STA. 360+96.72
12.63' LT
TIE TO EXIST.

SLCD4 (REBAR)
STA. 361+16.64
16.47' RT
N 1441974.332
E 2167562.512
EL 1067.76

SLCD5 (REBAR)
STA. 357+20.50
15.04' LT
N 1441884.238
E 2167948.978
EL 1069.30

P.T. 358+97.77

Curve° 34
PI Sta° 357+47.74
N° 1441908.0535
E° 2167926.0694
DELTA° 6°00'25.1" (LT)
D° 2°00'00.00"
T° 150.31
L° 300.35
R° 2864.79
E° 3.94

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

APPROXIMATE L.L.L. 288
APPROXIMATE L.L.L. 287

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CONSTRUCTION PLAN
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 13-0039

7/31/2015 GPLN

8/6/2020 4:50:41 PM USER:jkelly	$PRF8$	J:\2017030\0015279\DGN\0015279_13-0040_(BH).dgn	COBB COUNTY DEPARTMENT OF TRANSPORTATION	Project No. X2404

NOTE:
-ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.
-ALL EXISTING DRAINAGE TO BE RETAINED, UNLESS NOTED OTHERWISE.

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028800010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

REMOVE EXISTING
RIP RAP & SPILLWAY

STA. 363+97.28
36.69' LT

ESA - RESOURCE 2

RIVER ROCK
RIP RAP
TP. 3, 18"
13 SY

STA. 504+24.37
31.58' LT
TIE TO EXISTING
GRAVEL TRAIL

6" AGGR SURFACE

SPECIAL USE PERMIT AREA

ESA - RESOURCE 1

END TRAIL ALIGNMENT
STA 504+92.28
STA 365+60.85 CHEATHAM HILL RD
62.64' LT
N 1441956.0562
E 2167111.6877

DO NOT DISTURB
SPLIT RAIL FENCE

END SHARED USE TRAIL
STA. 504+92.28
0.00' LT
TIE TO EXISTING

4' WOOD SPLIT RAIL

EXIST. DOG STATION
P.C. 504+11.16

RECONSTRUCT CONCRETE FLUME
STA. 364+03.84
SEE DRAWING 38-0007
FOR DETAILS

FENCE

362+00
363+00
364+00
365+00
366+00
367+00
501+00
502+00
503+00
504+00

P.C. 503+08.48

P.T. 503+57.75

P.T. 504+56.10

STA. 504+38.43
20.24' RT

STA. 504+44.93
17.29' RT
TIE TO EXISTING
GRAVEL TRAIL

STA. 504+35.78
0.00' LT
EXIST. WATER FOUNTAIN

R=50'
R=100'

N61°36'00.4"W
S66°53'55.3"W
N84°52'16.7"W
N82°13'23.8"W

10' TRAIL
4' SPLIT RAIL
TRAIL
GRAVEL
GATE
ASPH. PARKING
NAT'L PARK
24"RCP
12"HDP

EXIST R/W

℄ TRAIL ALIGNMENT 2

DO NOT DISTURB
SPLIT RAIL FENCE

MATCH LINE STA. 361+50 SEE SHEET 13-0039

℄ CONSTRUCTION BURNT HICKORY RD.

END ORN FENCE
STA. 502+25.00
12.50' LT

EXIST. CROSSWALK

SLCD3 (REBAR)
STA. 365+66.37
23.06' LT
N 1441996.014
E 2167111.569
EL 1040.68

END REMOVE & RESET
4' SPLIT RAIL FENCE
STA 362+27.89
(SEE SHT 38-0002)

DO NOT DISTURB
SPLIT RAIL FENCE

REMOVE AND RESET
4' SPLIT RAIL FENCE FROM
STA 363+80 TO STA 364+10
FOR CONSTRUCTION OF SPILLWAY

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 362+67.67
12.09' LT
TIE TO EXISTING

END CURB AND GUTTER
8"X24", TP 2
STA. 362+74.17
12.11' LT
TIE TO EXISTING

END PROJECT
END CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 365+64.37
N 1442018.5920
E 2167116.6728

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

OLD MOUNTAIN ROAD

N/F
JOHN BARRY &
JUDITH R.
MCKERNAN
1520 BURNT
HICKORY RD
PID: 20028800140
D.B. 14700, PG.
4648
P.B. 250, PG. 91

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CONSTRUCTION PLAN

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 13-0040

7/31/2015 GPLN

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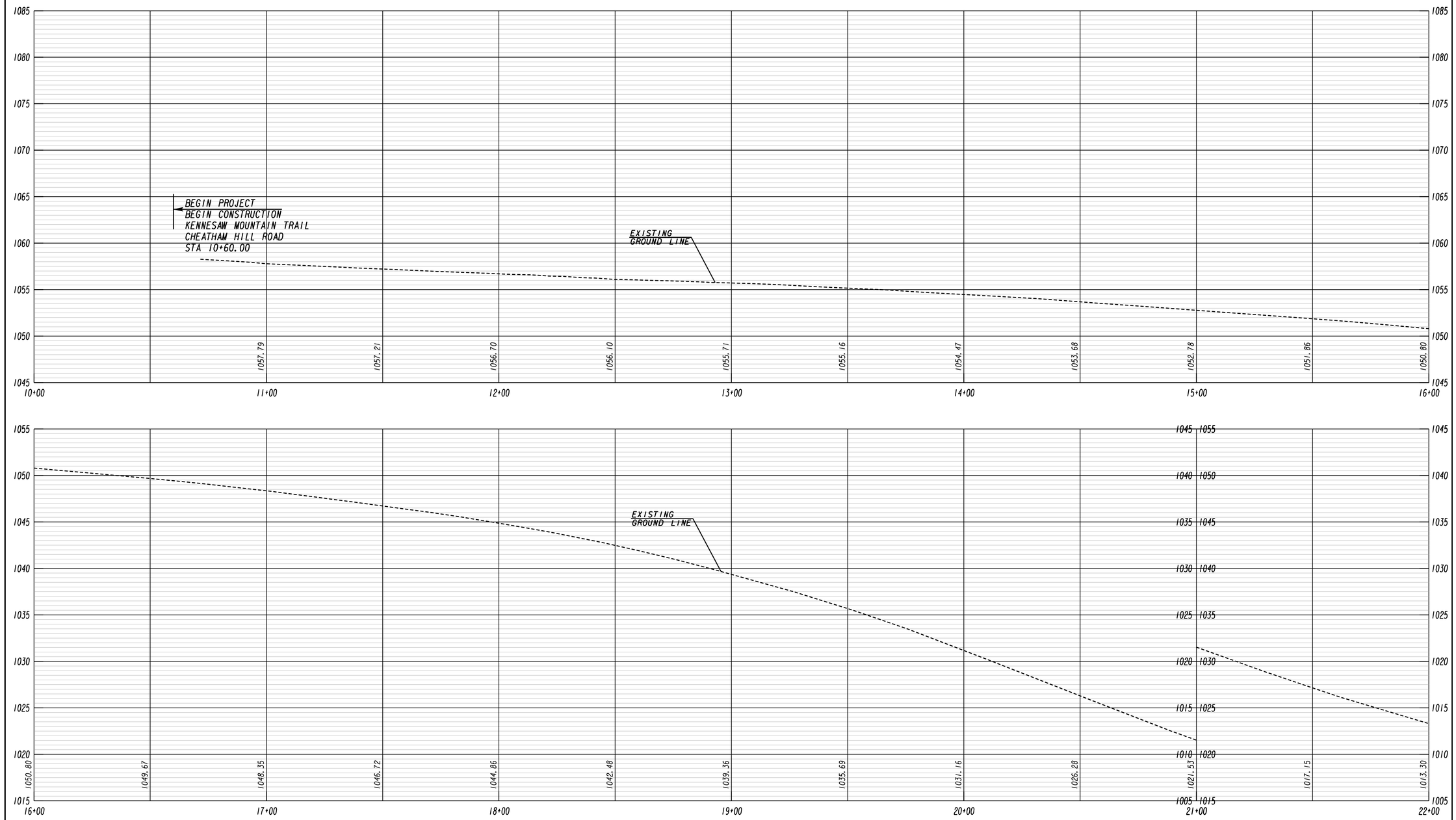
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X240-4



CHEATHAM HILL ROAD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 5 FEET VERT.
1 INCH = 20 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
15-0001

7/31/2015 GR220E

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USER:jkelly

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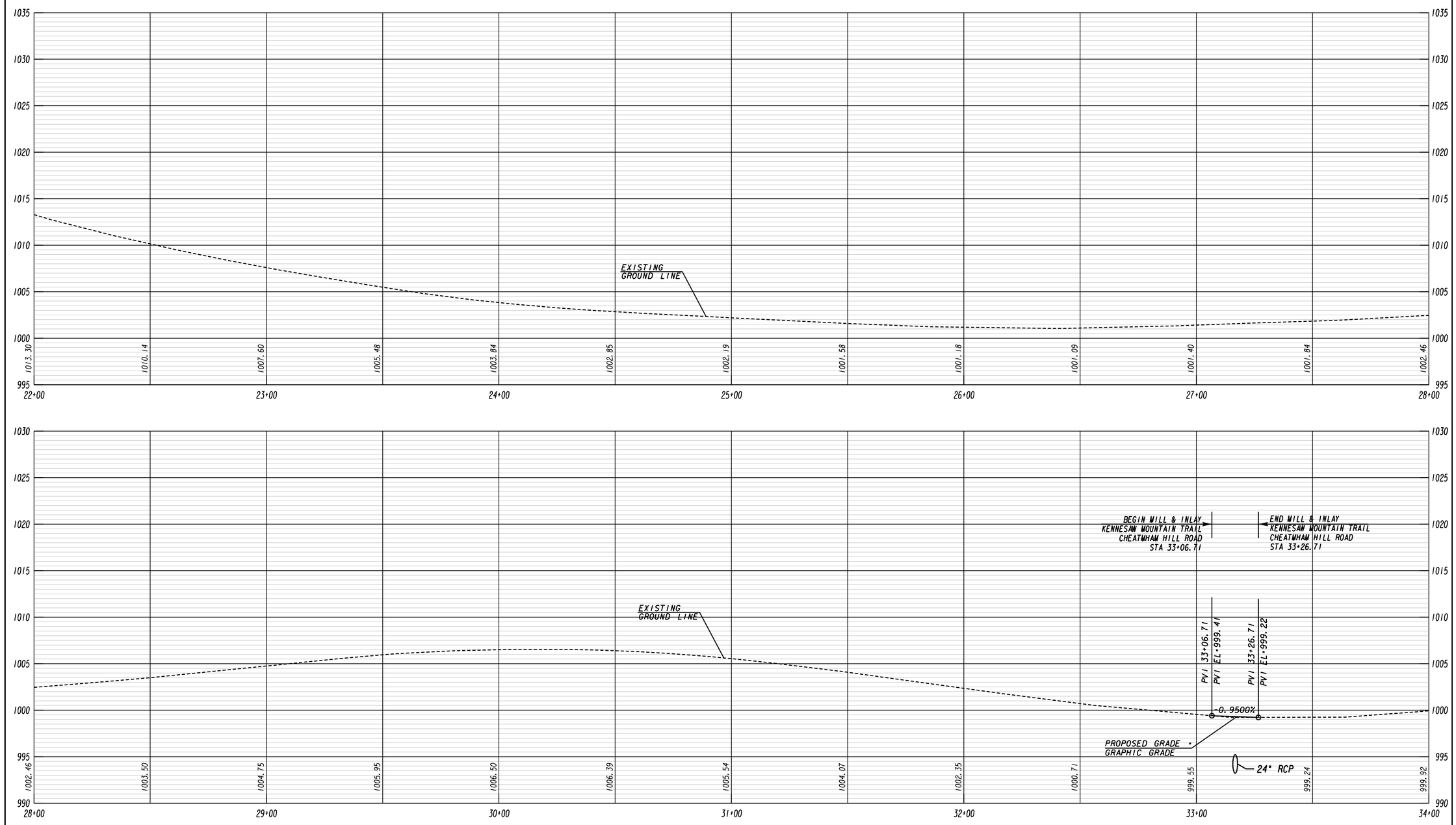
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



CHEATHAM HILL ROAD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 5 FEET VERT.
1 INCH = 20 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
15-0002

7/31/2015 GR220E

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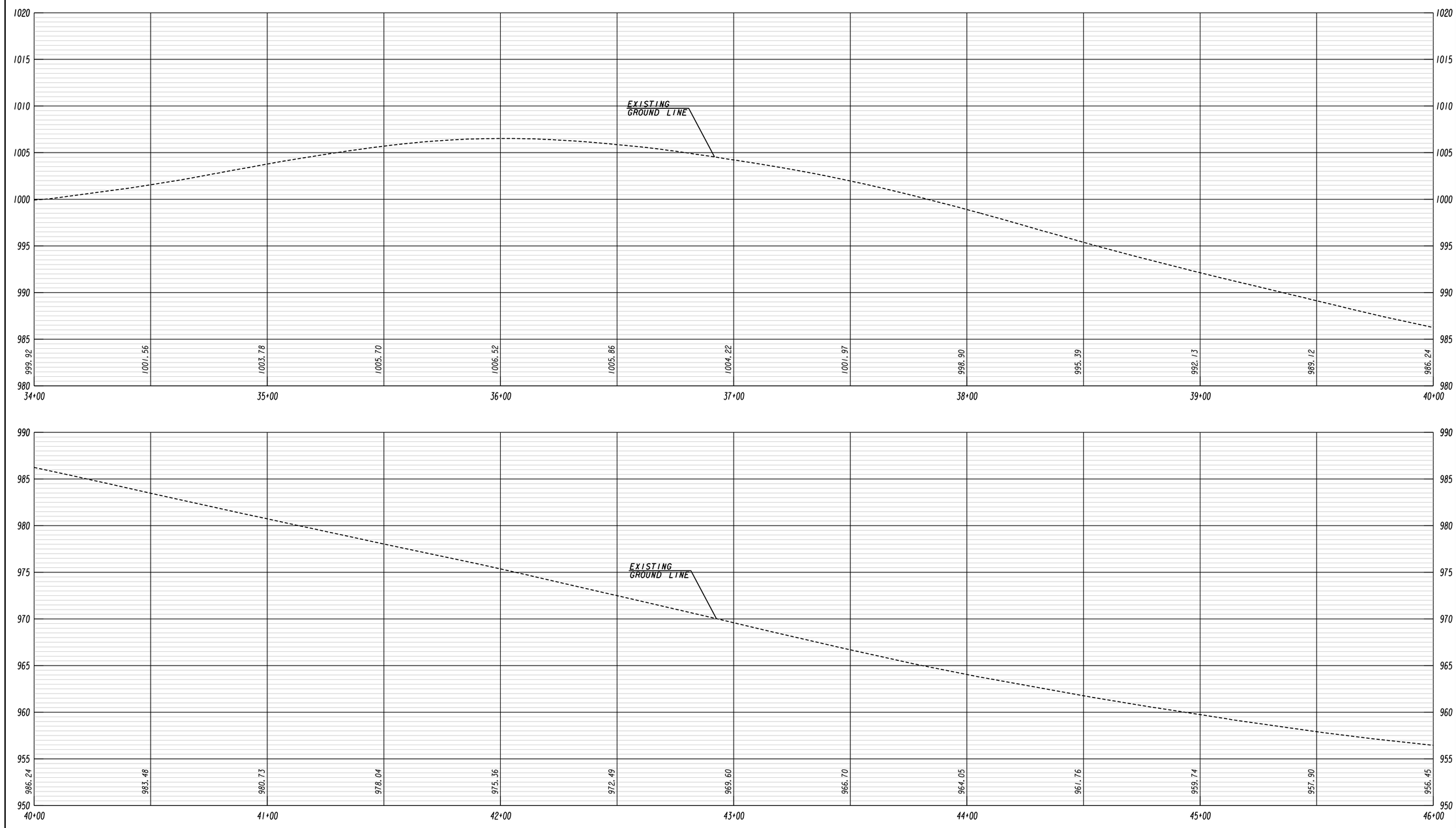
USER:jkelly				



CHEATHAM HILL ROAD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 5 FEET VERT.
1 INCH = 20 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 GR220E

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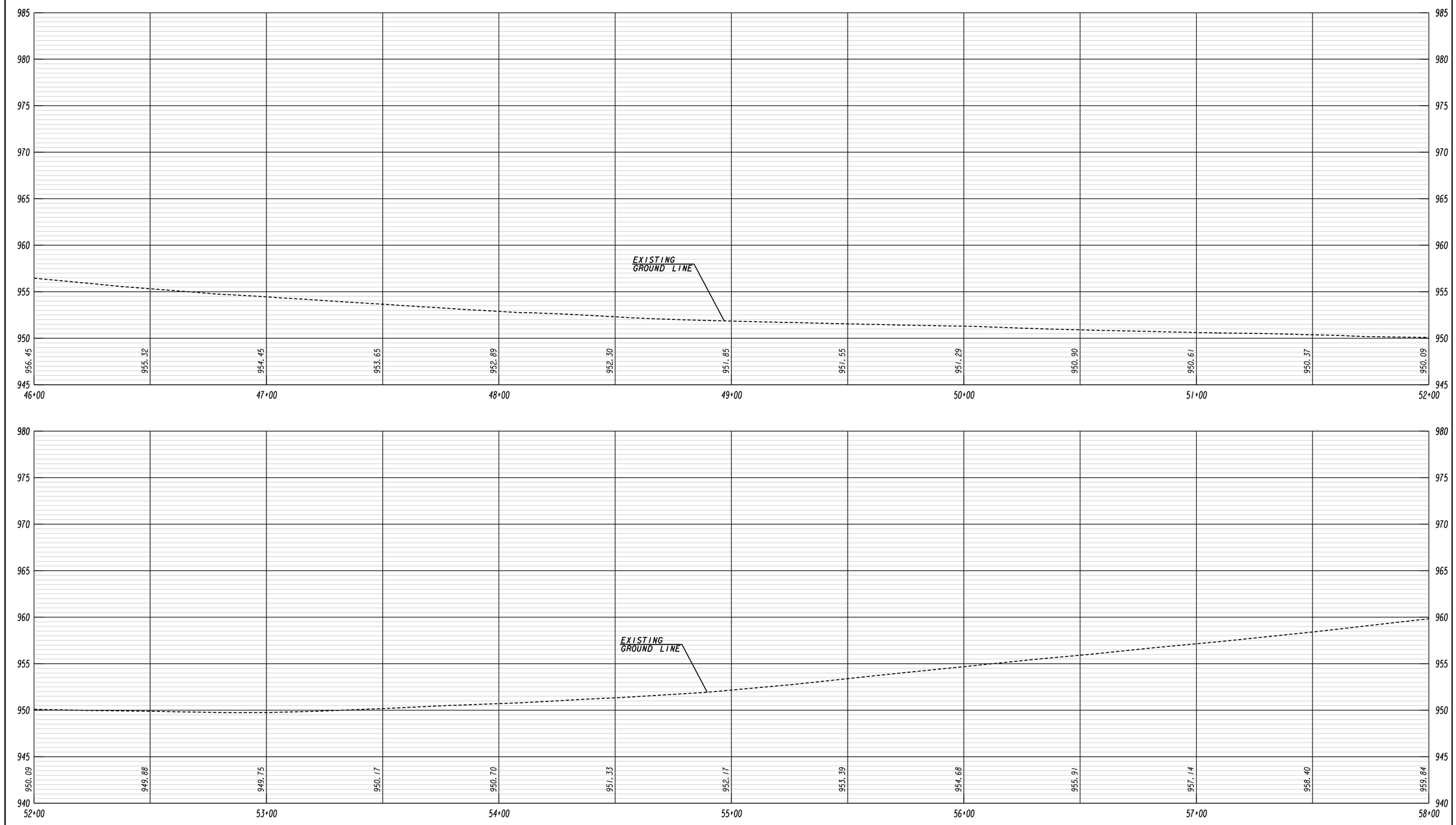
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



CHEATHAM HILL ROAD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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15-0004

7/31/2015 GR220E

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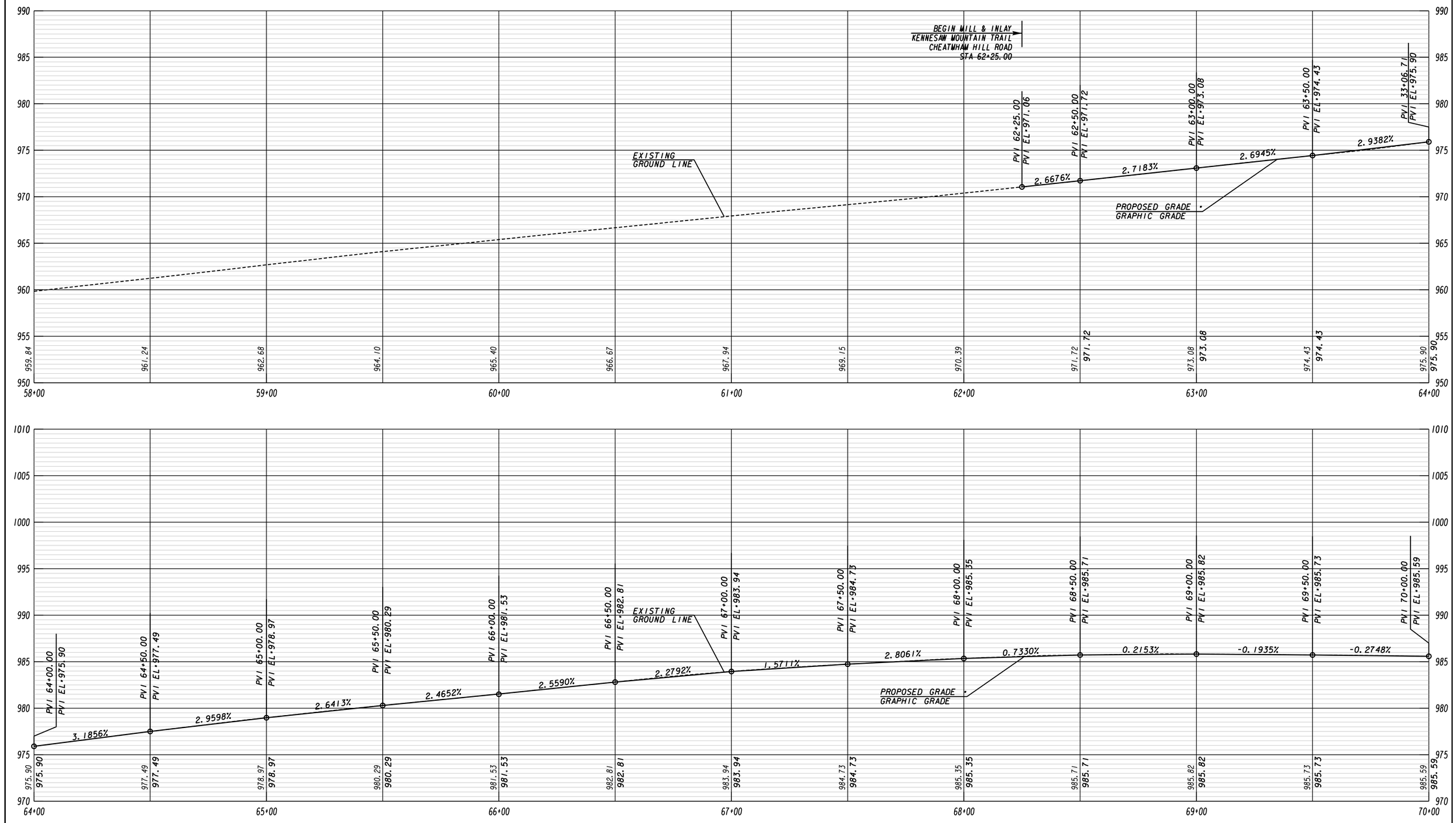

CHEATHAM HILL ROAD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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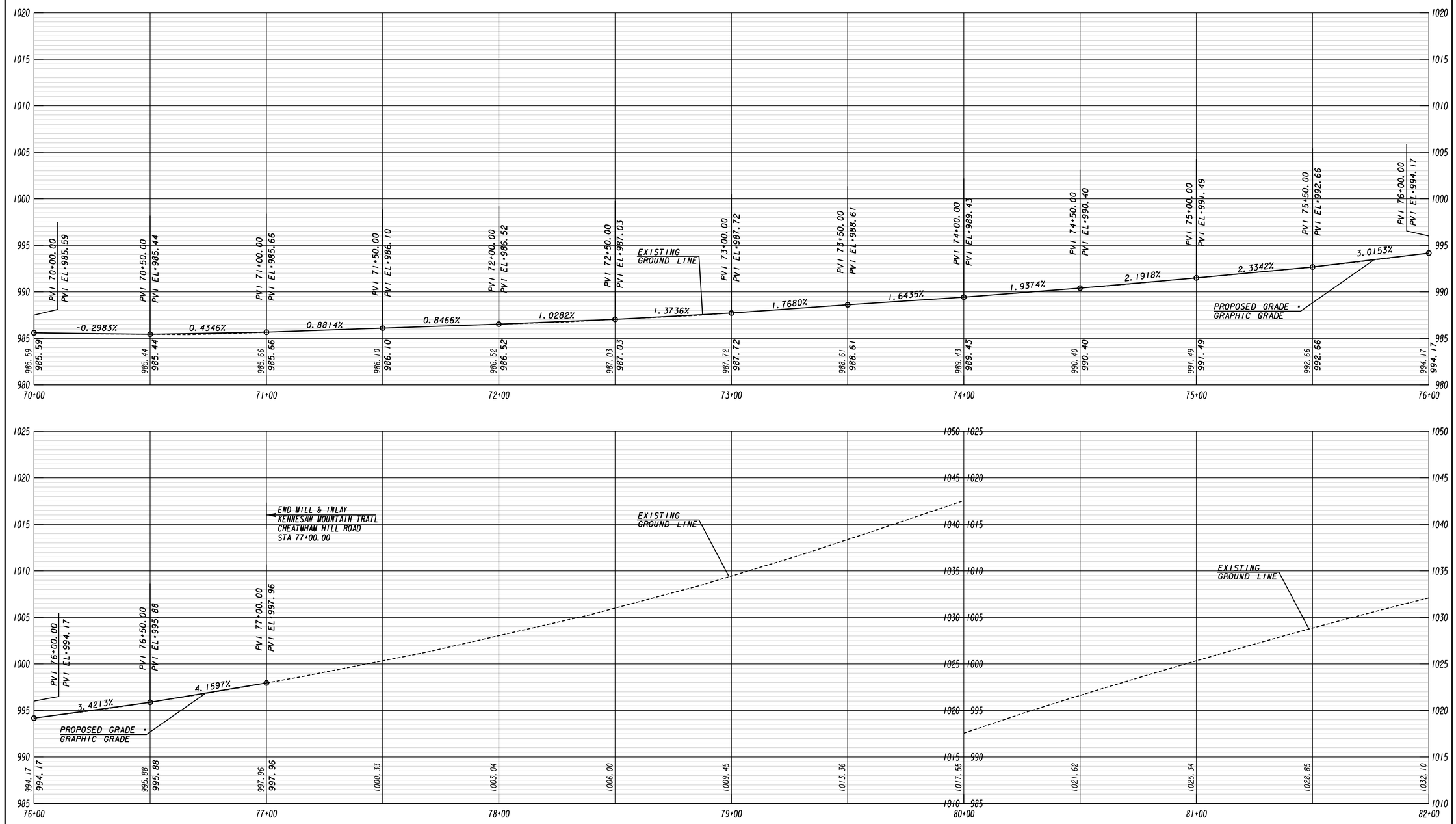

CHEATHAM HILL ROAD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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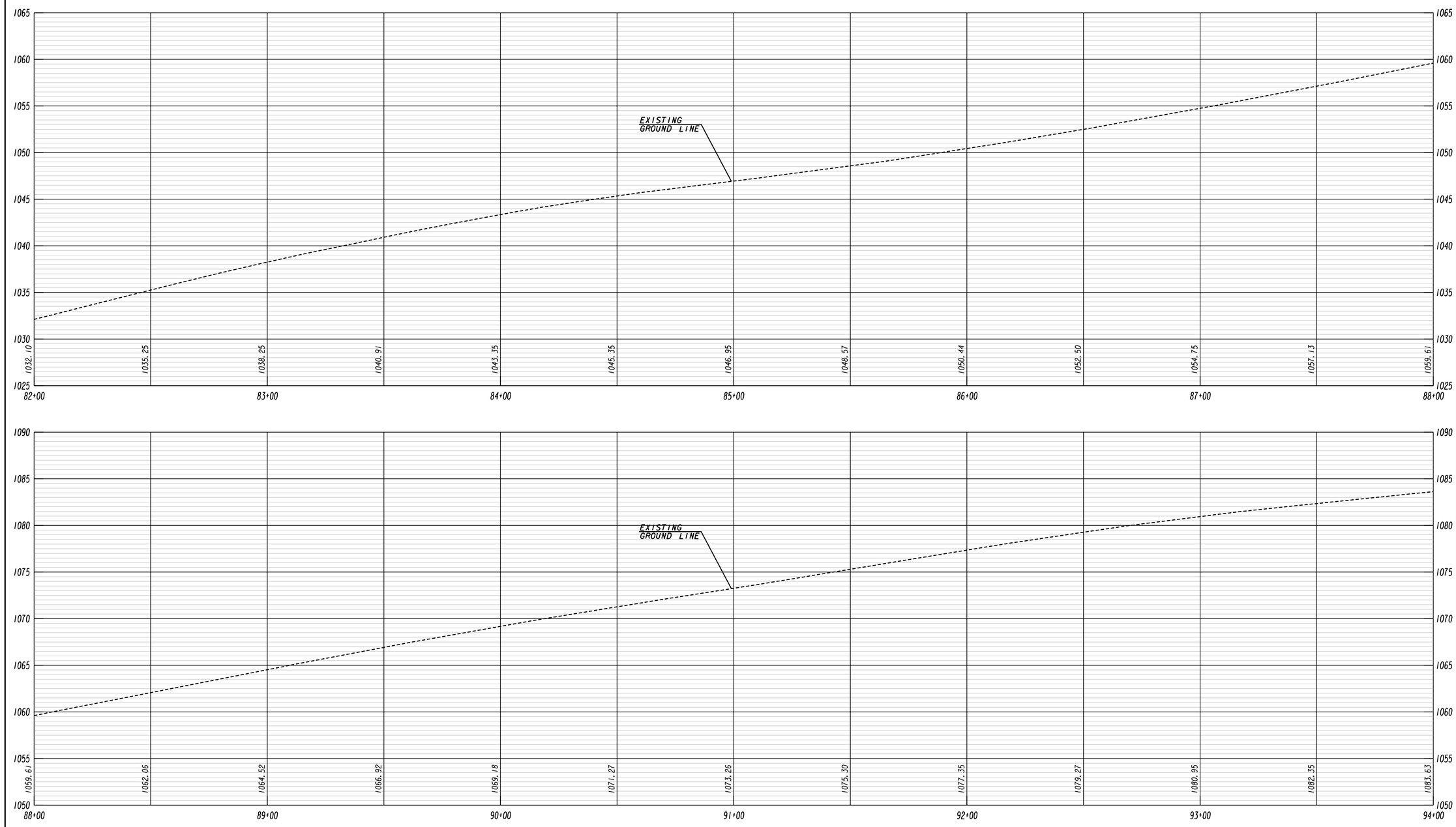
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



CHEATHAM HILL ROAD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

SCALE:
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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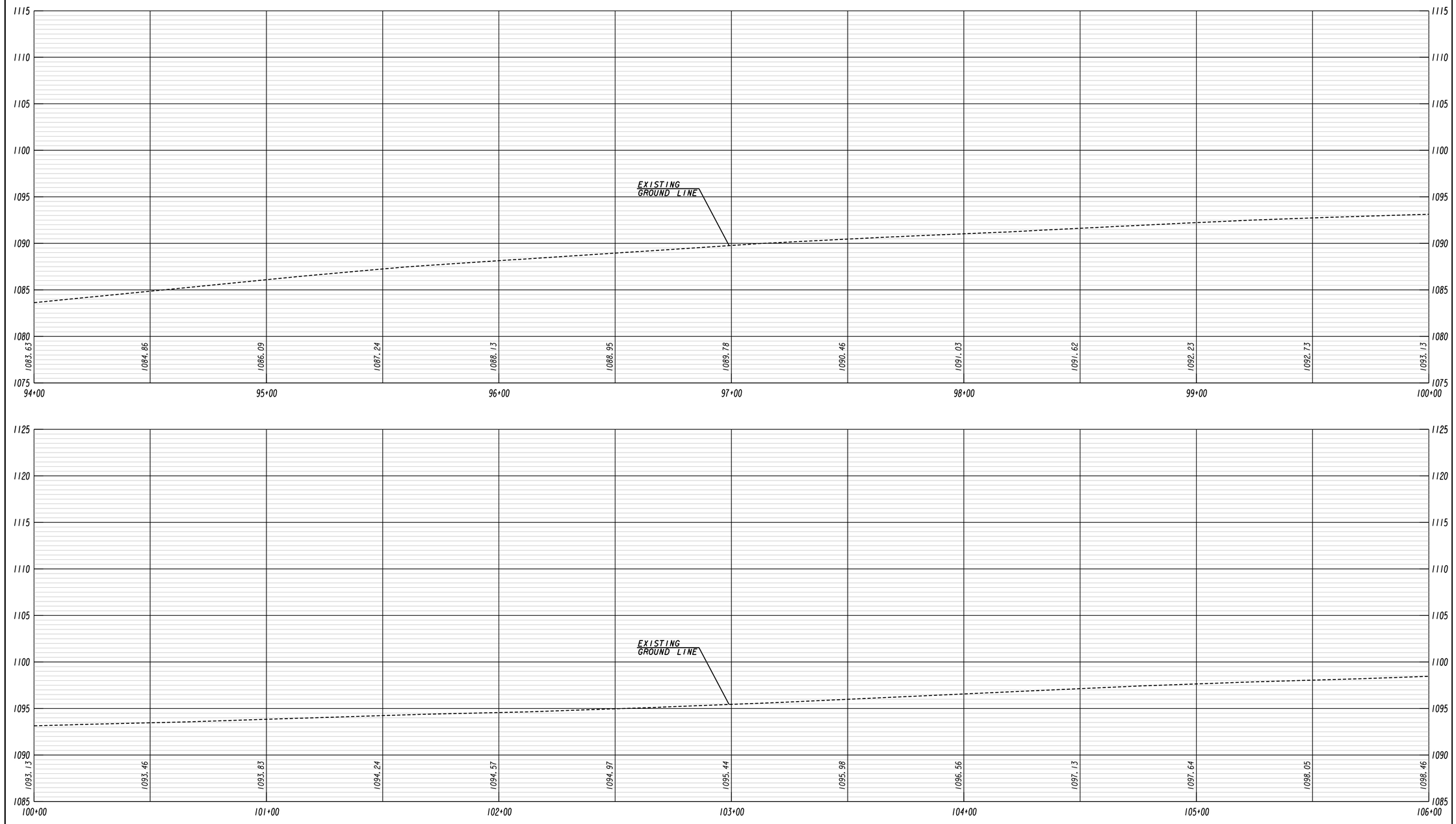
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



CHEATHAM HILL ROAD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 GR220E

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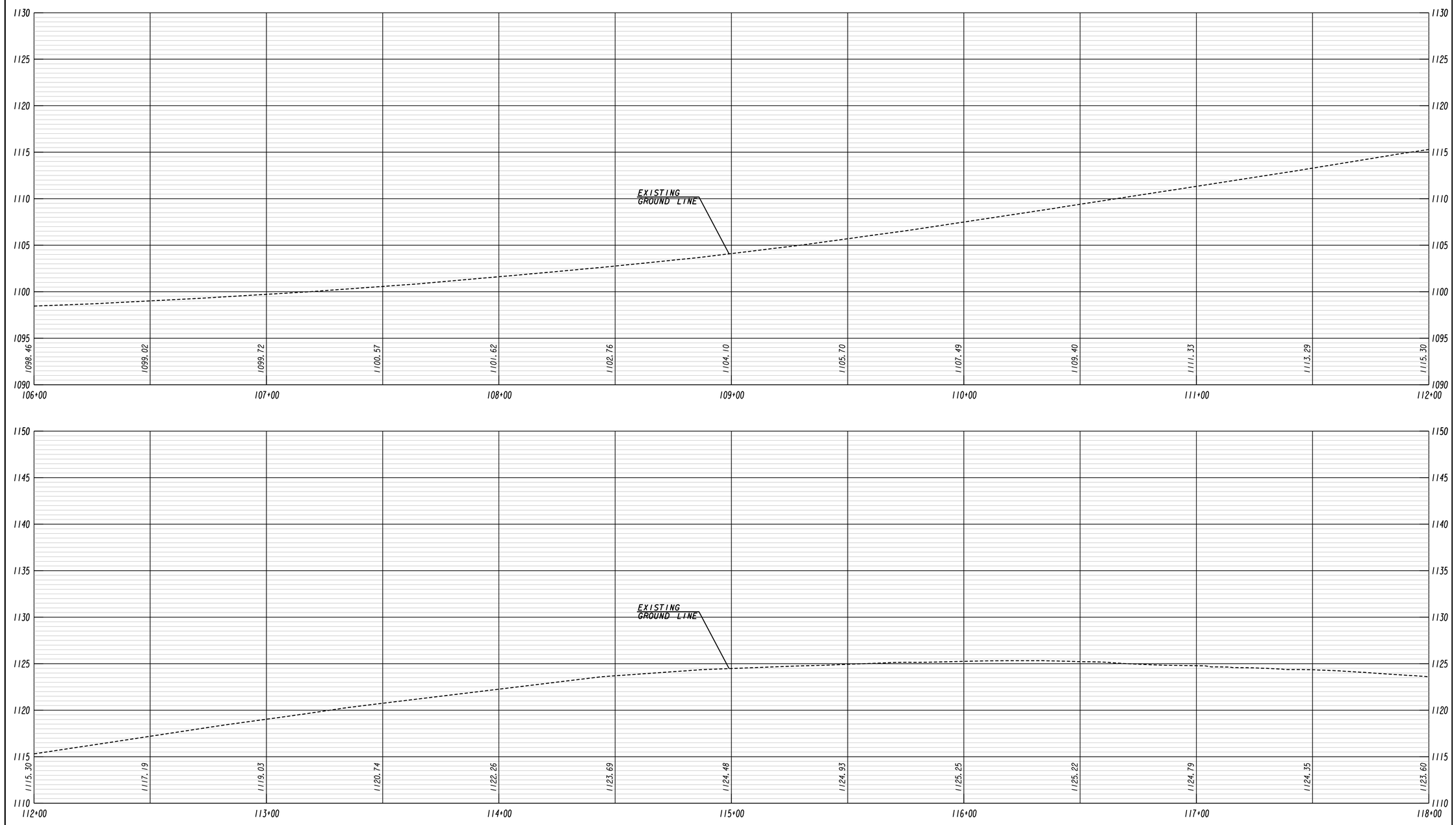
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



CHEATHAM HILL ROAD

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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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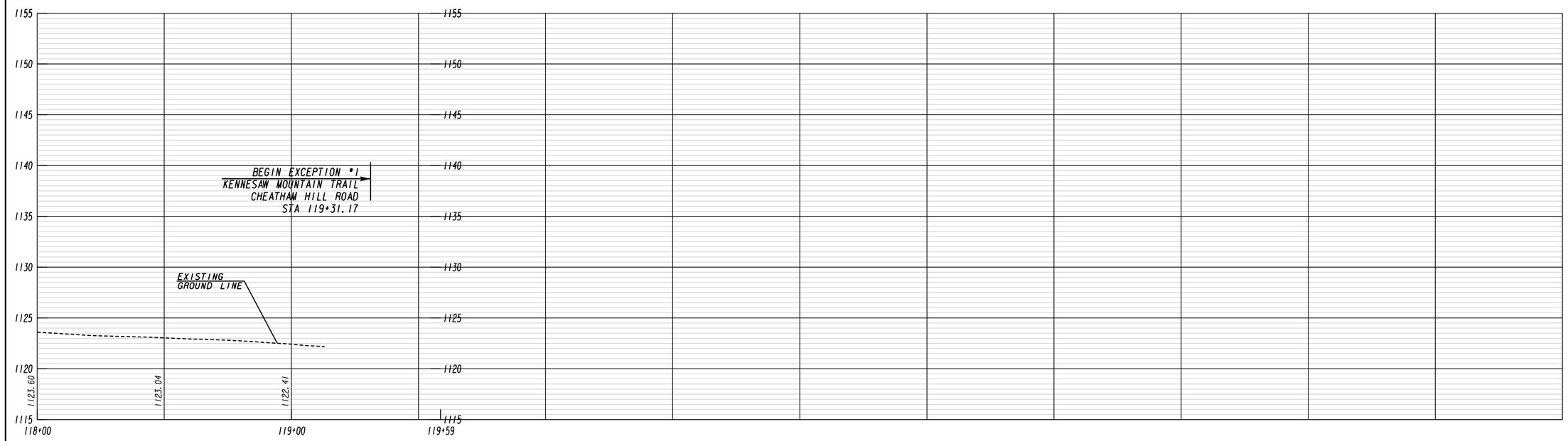

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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 GR220E

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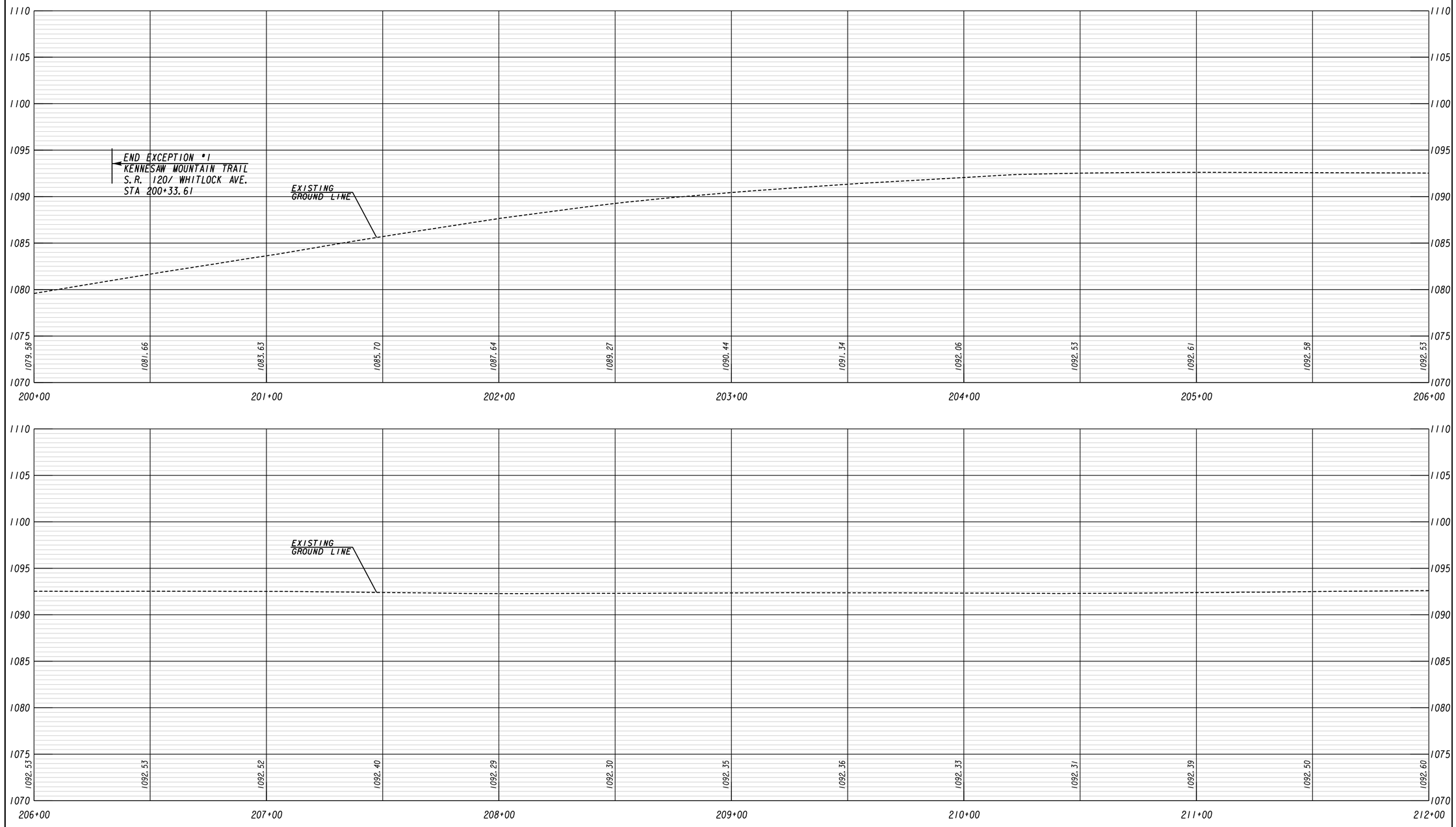
COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404



SR 120/ WHITLOCK AVE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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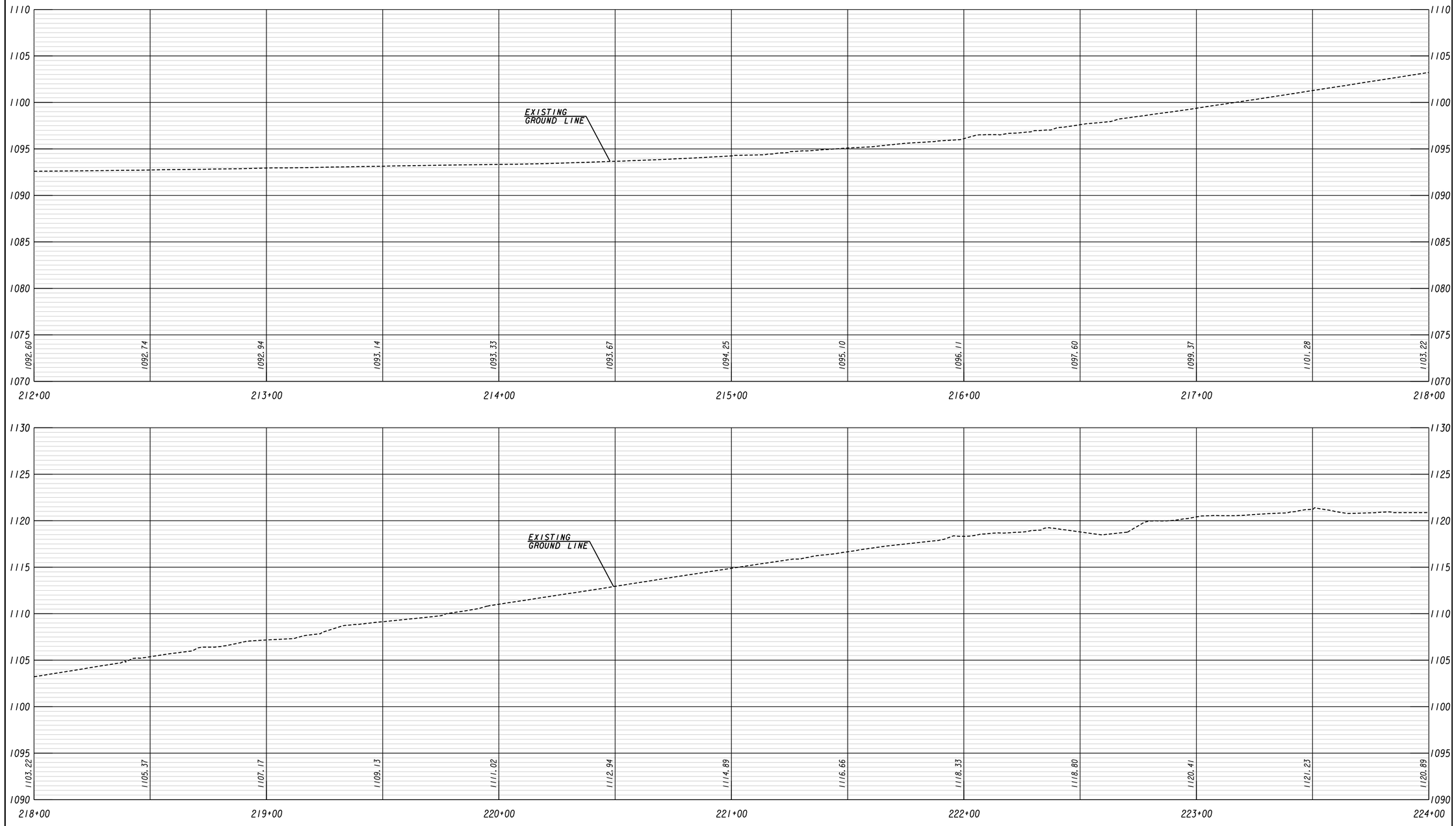
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



SR 120/ WHITLOCK AVE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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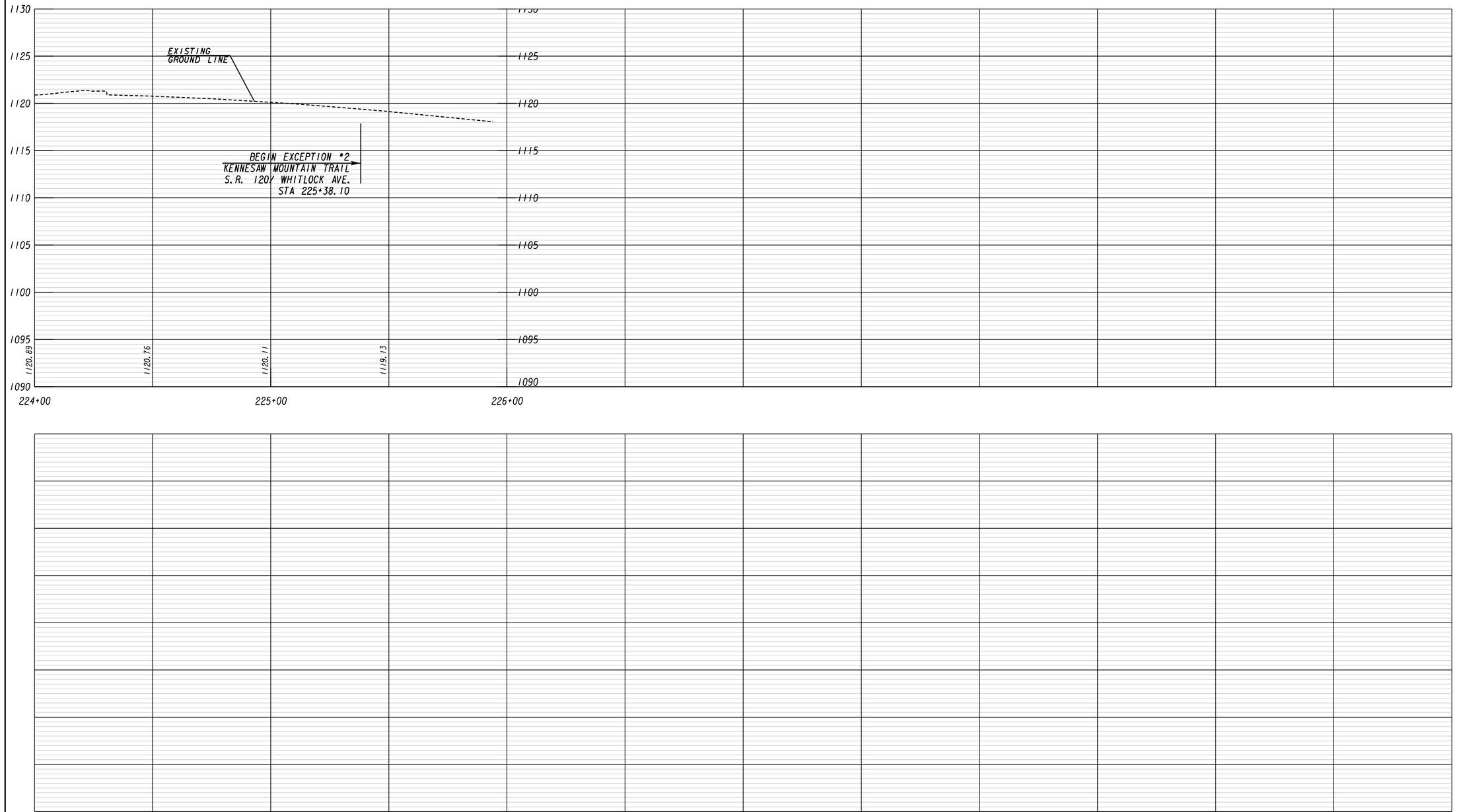
7/31/2015 GR220E



SR 120/ WHITLOCK AVE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 GR220E

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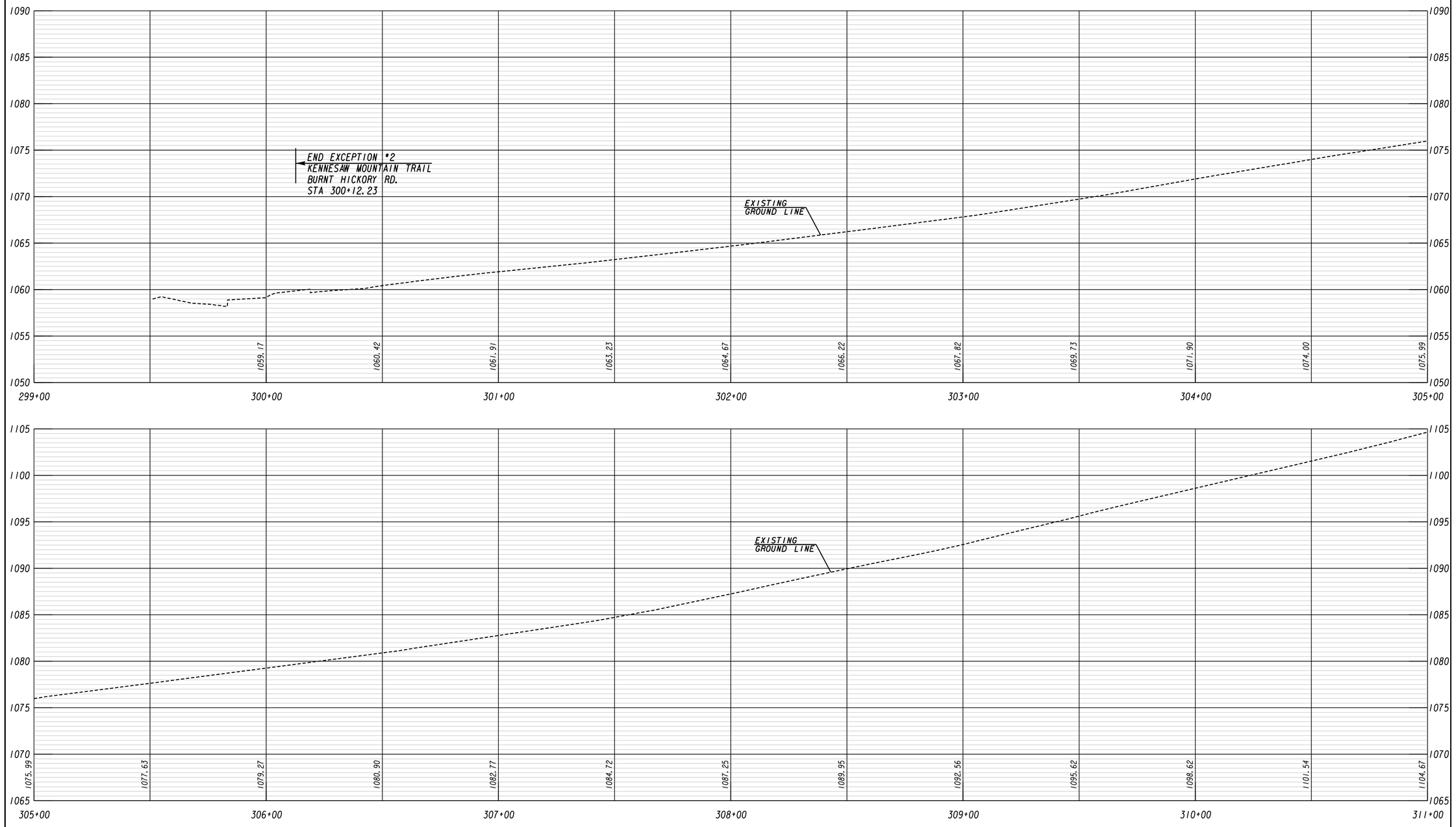
COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404



BURNT HICKORY ROAD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 GR220E

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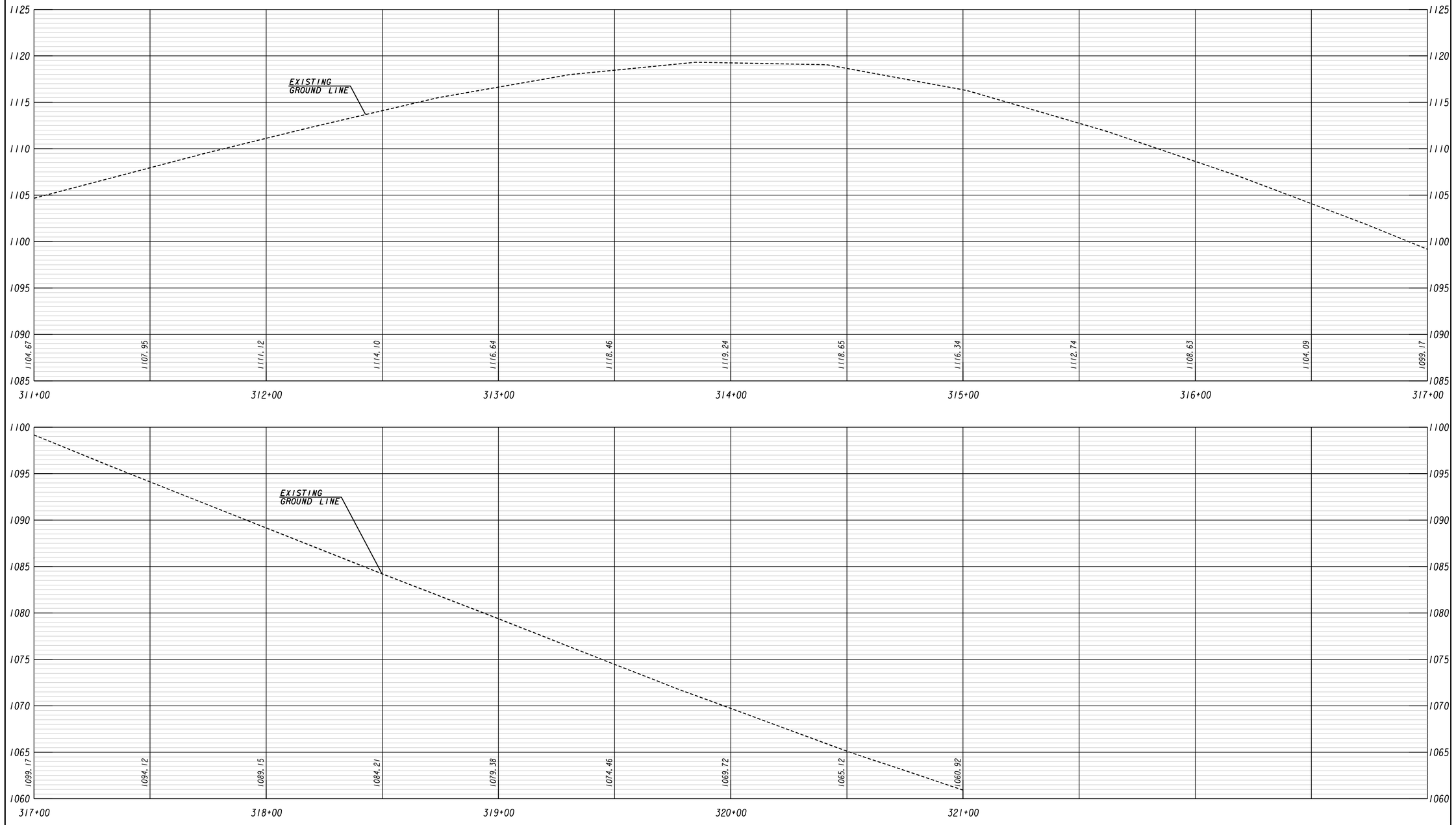
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



BURNT HICKORY ROAD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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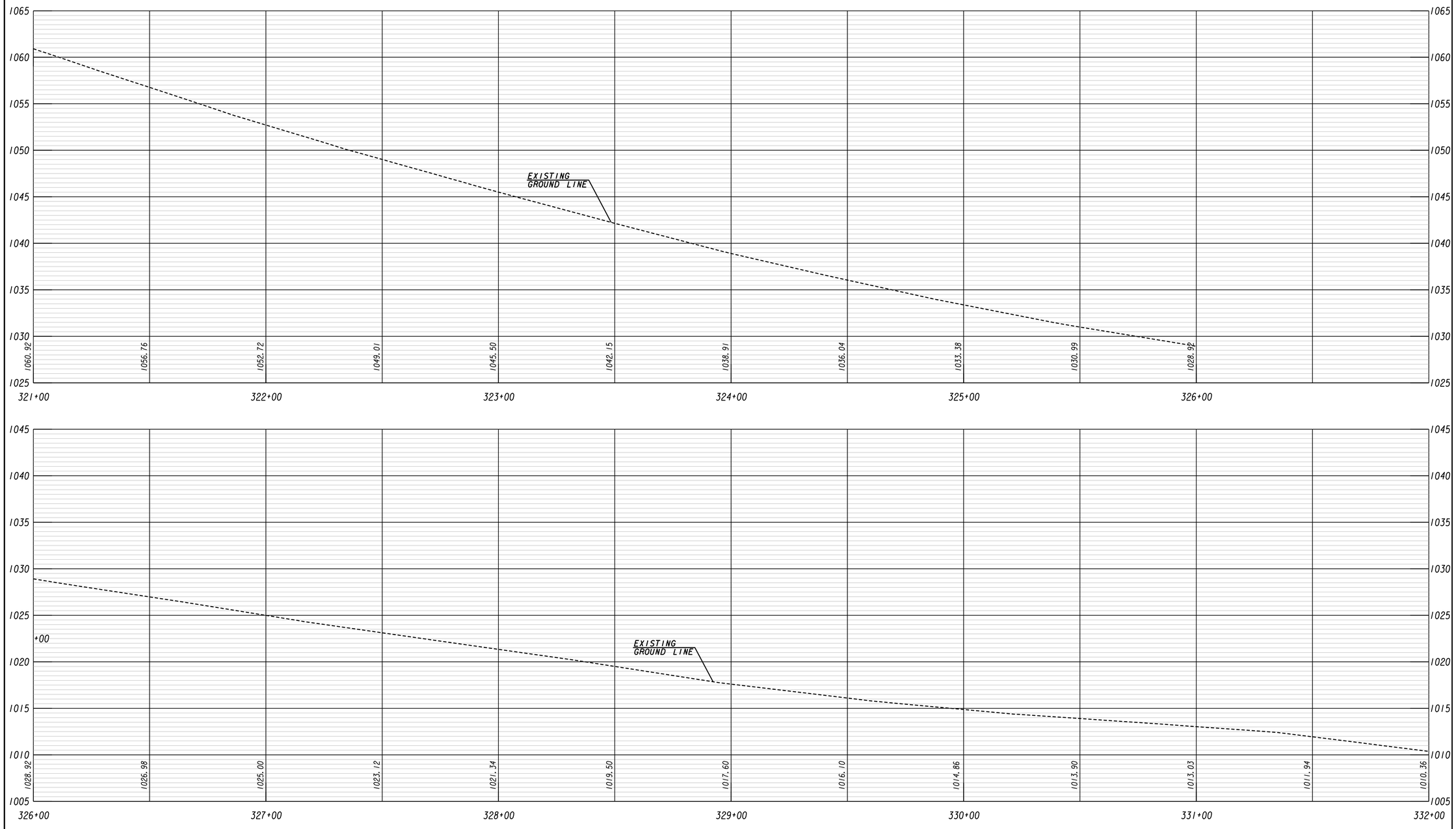

BURNT HICKORY ROAD

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MARIETTA, GEORGIA 30066-5393
(770)424-1668

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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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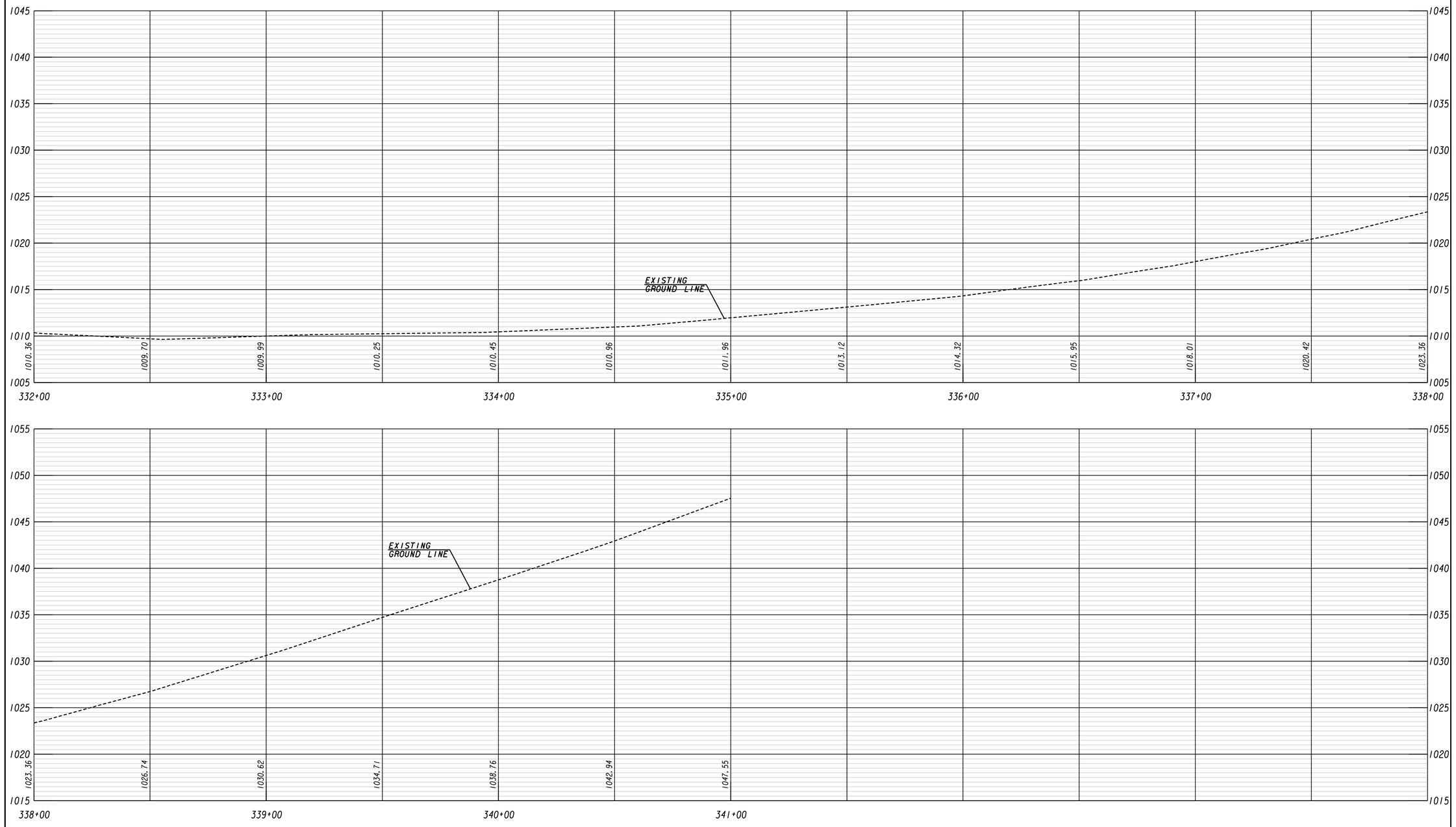
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



BURNT HICKORY ROAD

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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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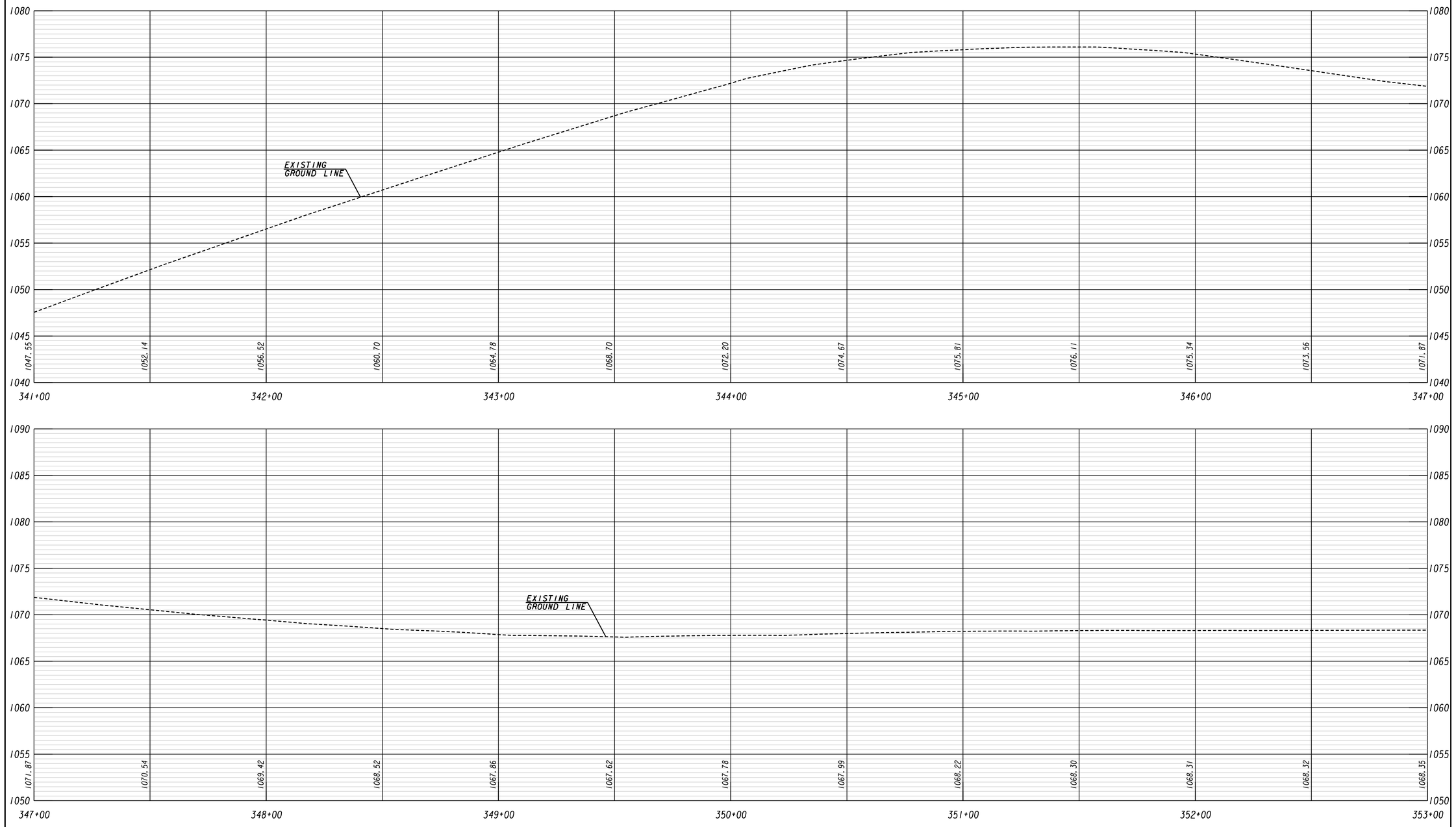
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



BURNT HICKORY ROAD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 GR220E

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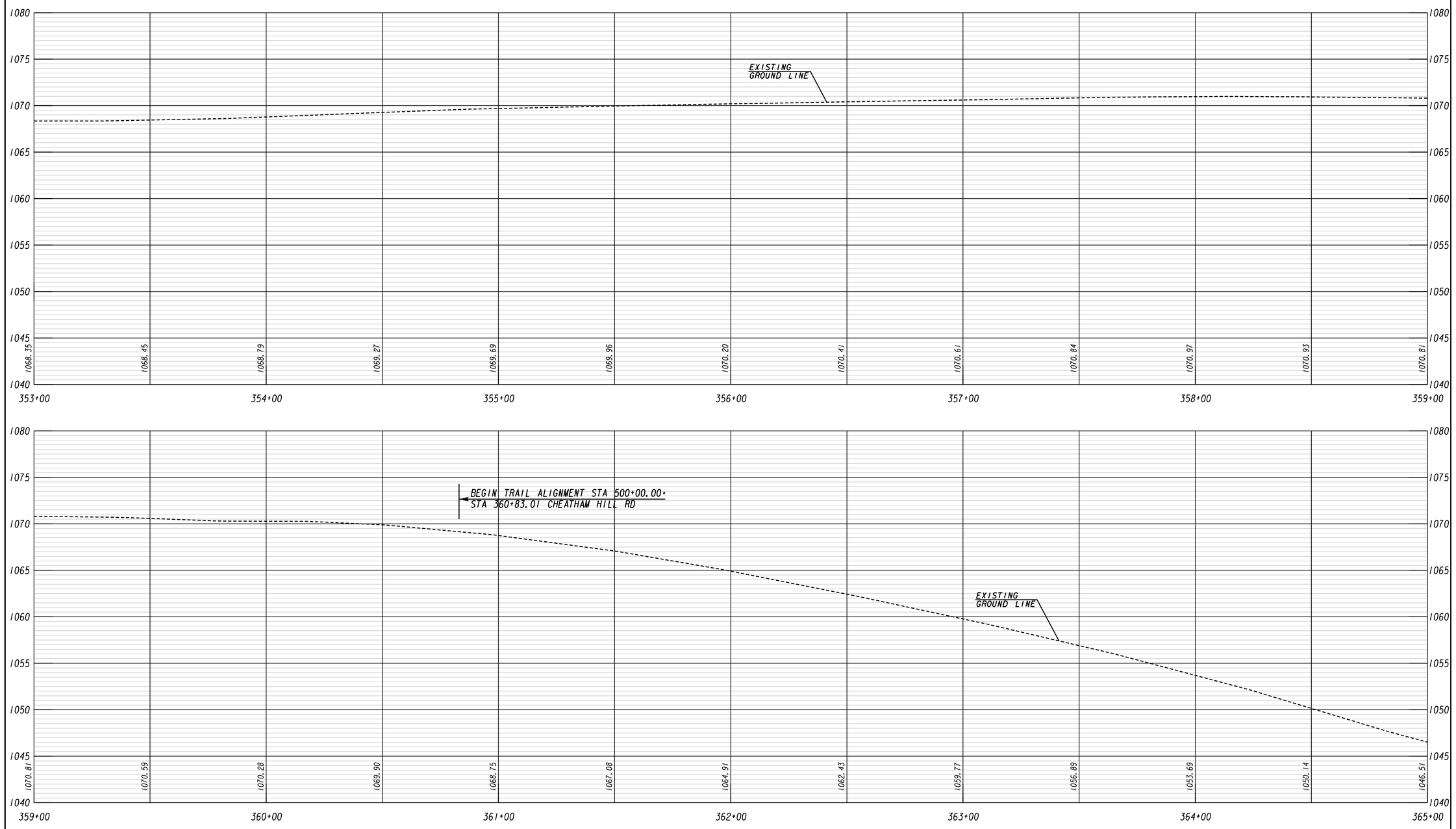
COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



BURNT HICKORY ROAD

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(770)424-1668

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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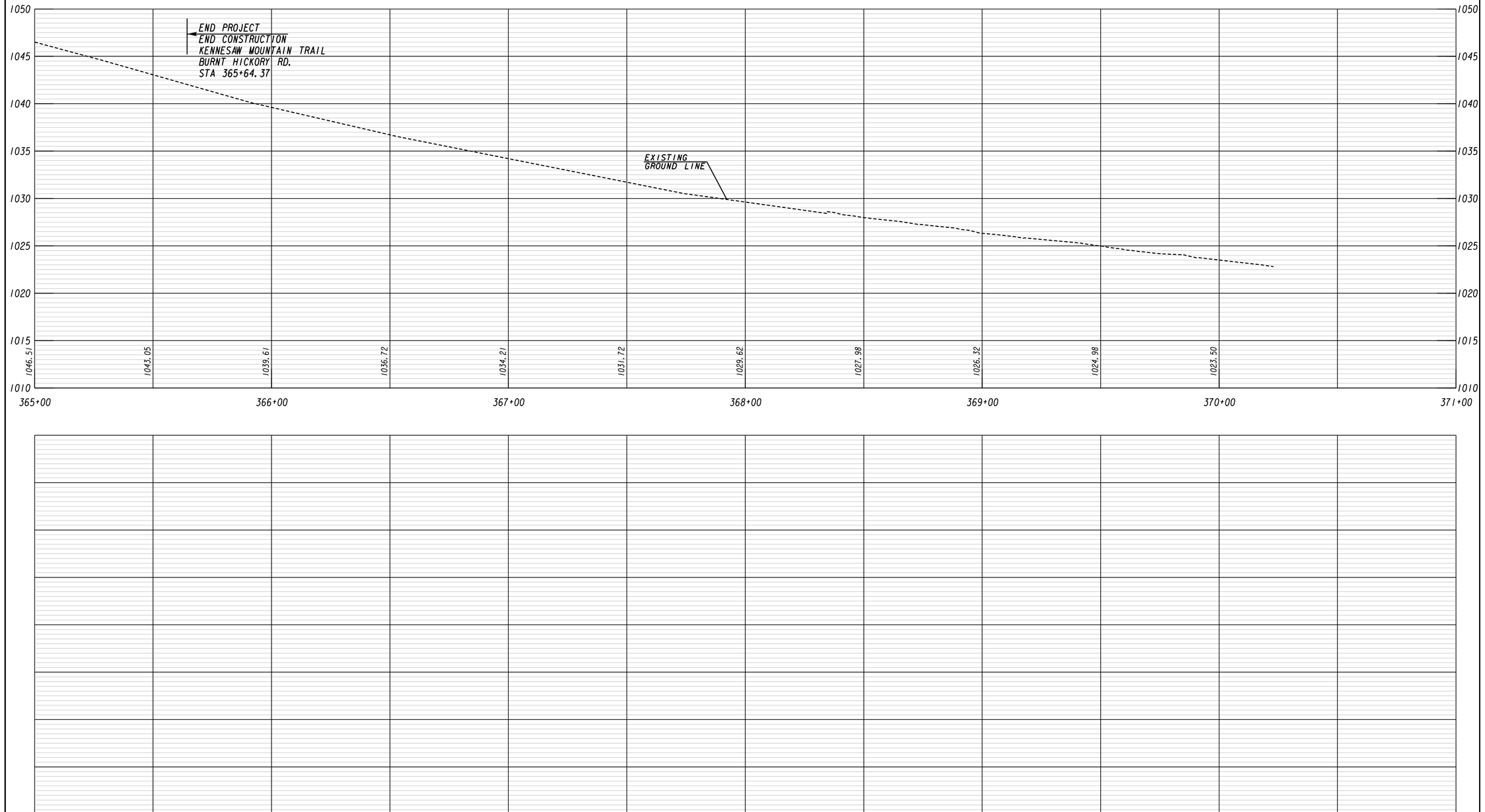
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



BURNT HICKORY ROAD

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2390 CANTON ROAD, BUILDING 200
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(770)424-1668

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MAINLINE PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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15-0020

7/31/2015 GR220E

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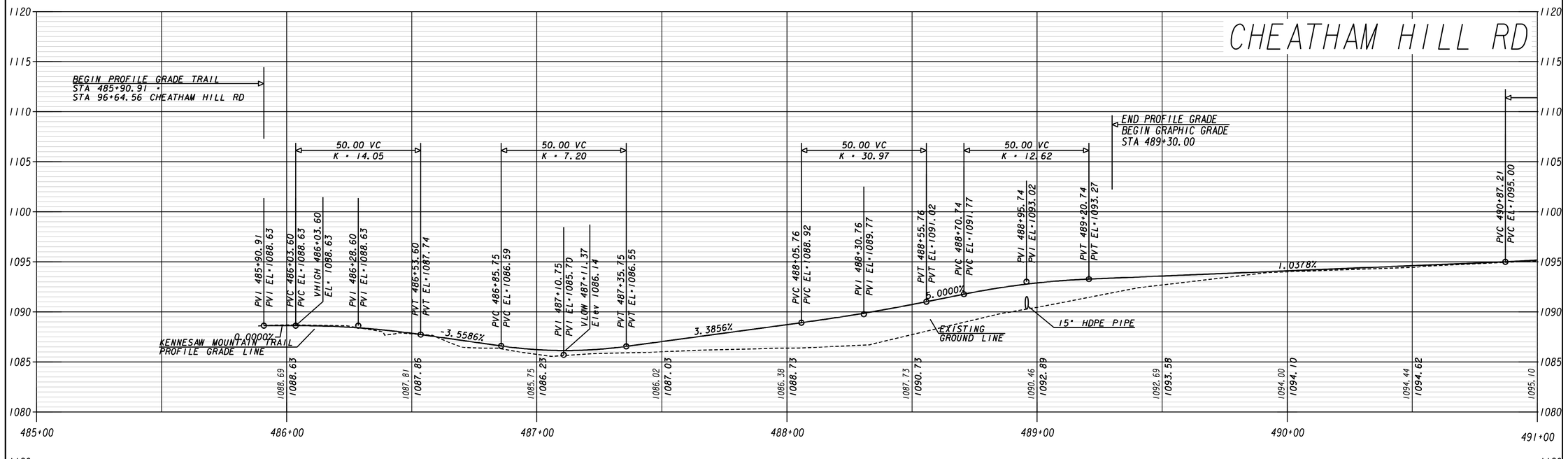
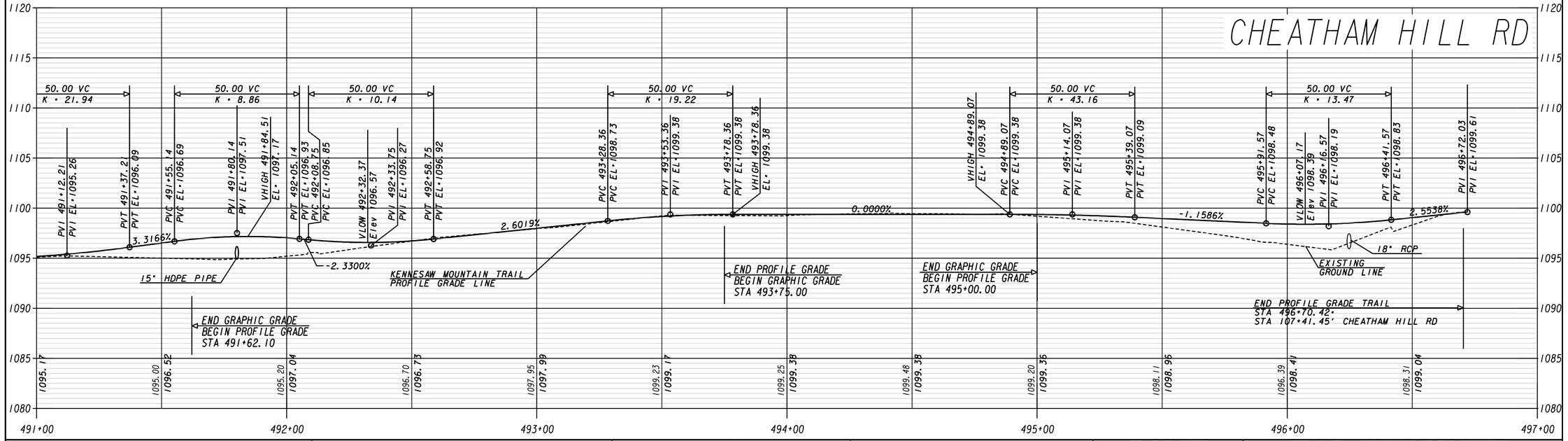
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404





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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

INDEPENDENT TRAIL PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 GR220E

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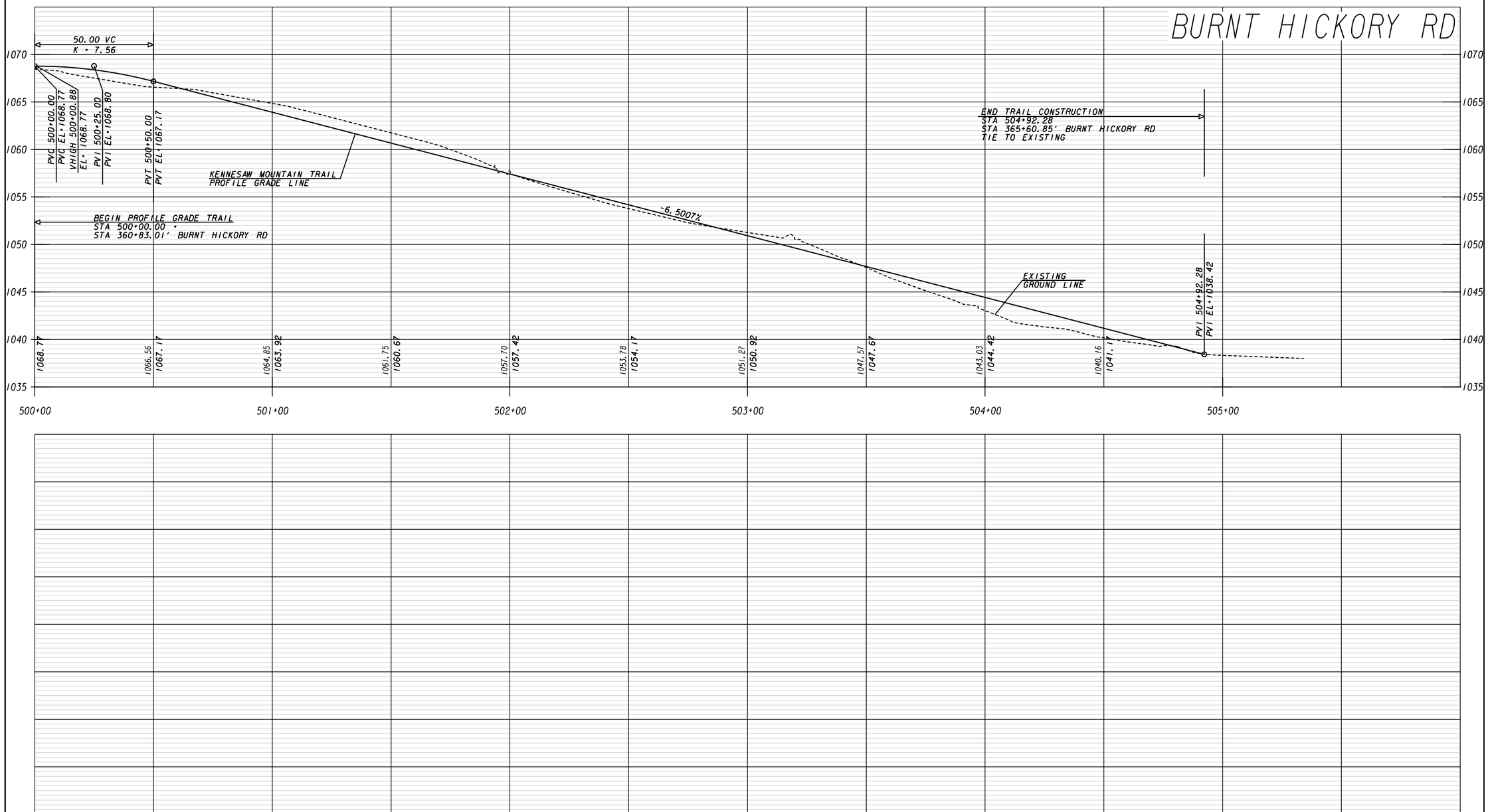
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 5 FEET VERT.
1 INCH = 20 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

INDEPENDENT TRAIL PROFILE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
16-0002

7/31/2015 GR220E

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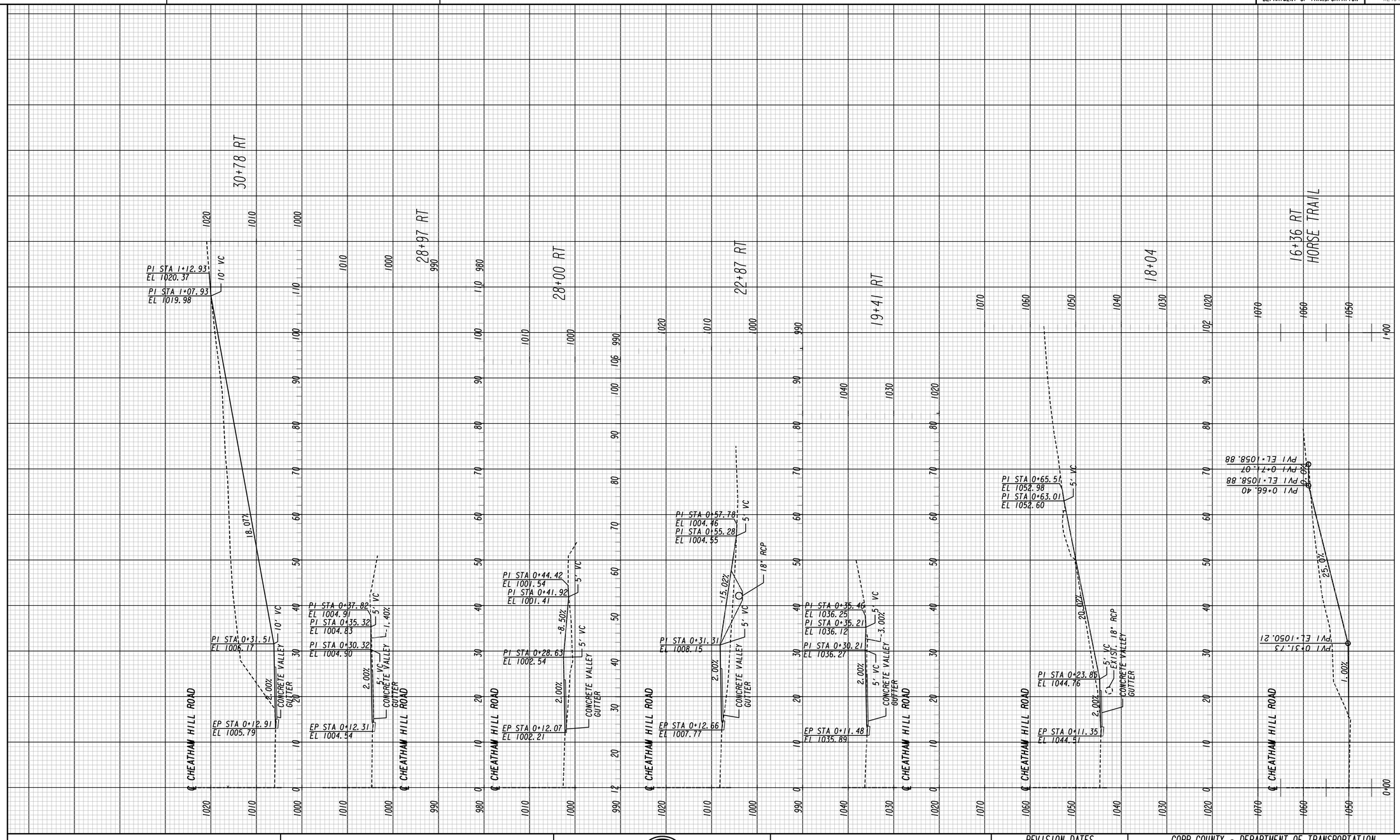
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRIVEWAY PROFILES

CHEATHAM HILL ROAD

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	17-0001
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 SUXEN

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

87+03 RT

PI STA 0+69.48
EL 1048.62
PI STA 0+66.98
EL 1048.79
5' VC
-19.12%
10' VC
PI STA 0+32.67
EL 1055.35
2.00%
CONCRETE VALLEY GUTTER
EP STA 0+13.88
EL 1054.97
℄ CHEATHAM HILL ROAD

85+97 RT

PI STA 0+73.65
EL 1046.49
PI STA 0+71.15
EL 1046.51
5' VC
10.71%
PI STA 0+31.65
EL 1050.74
4.00%
5' VC
CONCRETE VALLEY GUTTER
EP STA 0+12.95
EL 1050.53
℄ CHEATHAM HILL ROAD

82+51 RT

PI STA 0+78.95
EL 1034.07
PI STA 0+76.45
EL 1034.03
5' VC
5.00%
PI STA 0+31.09
EL 1036.30
5' VC
2.00%
CONCRETE VALLEY GUTTER
EP STA 0+14.07
EL 1037.30
℄ CHEATHAM HILL ROAD

78+55 RT

PI STA 0+37.00
EL 1006.88
3.84%
5' VC
PI STA 0+26.07
EL 1006.46
2.00%
EP STA 0+12.57
EL 1005.80
℄ CHEATHAM HILL ROAD

76+60 RT

PI STA 0+33.13
EL 996.65
PI STA 0+30.63
EL 996.38
10.80%
5' VC
2.00%
CONCRETE VALLEY GUTTER
EP STA 0+12.21
EL 996.01
℄ CHEATHAM HILL ROAD

54+80 RT

PI STA 0+70.19
EL 945.10
PI STA 0+67.69
EL 945.05
5' VC
-16.72%
PI STA 0+28.22
EL 951.65
2.00%
CONCRETE VALLEY GUTTER
EP STA 0+12.19
EL 951.33
℄ CHEATHAM HILL ROAD

33+11 RT

PI STA 0+48.40
EL 999.06
PI STA 0+45.90
EL 999.02
5' VC
6.32%
5' VC
18" RCP
PI STA 0+36.25
EL 999.63
0.92%
PI STA 0+28.68
EL 999.70
5' VC
2.00%
CONCRETE VALLEY GUTTER
EP STA 0+12.68
EL 999.48
℄ CHEATHAM HILL ROAD

32+45 RT

PI STA 0+42.91
EL 1002.32
PI STA 0+40.41
EL 1002.20
5' VC
9.50%
PI STA 0+30.41
EL 1001.25
5' VC
2.00%
CONCRETE VALLEY GUTTER
EP STA 0+12.41
EL 1000.89
℄ CHEATHAM HILL ROAD

7/31/2015 SUKEN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRIVEWAY PROFILES

CHEATHAM HILL ROAD

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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17-0002

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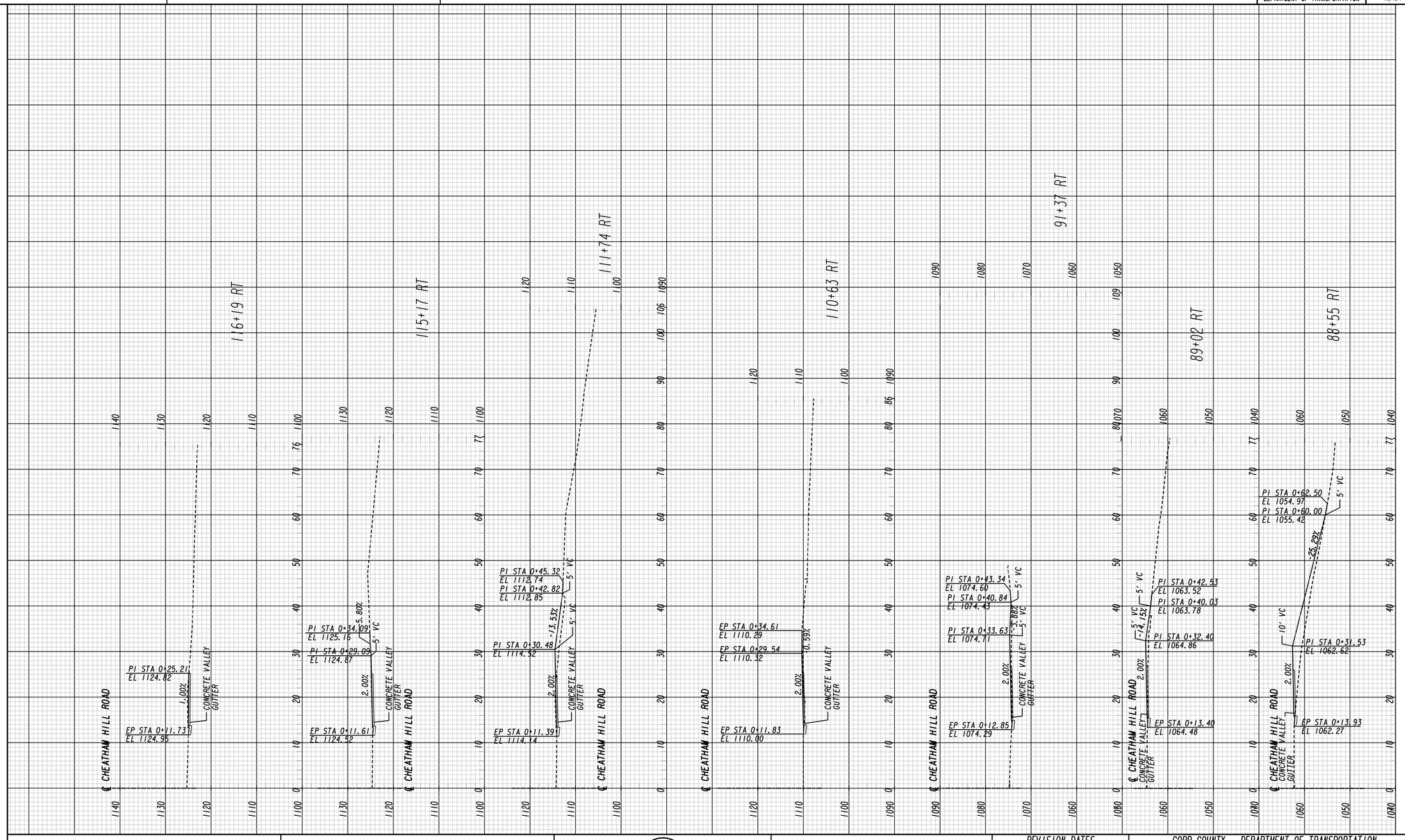
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRIVEWAY PROFILES

CHEATHAM HILL ROAD

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
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VERIFIED:		DATE:	

7/31/2015 SUXEN

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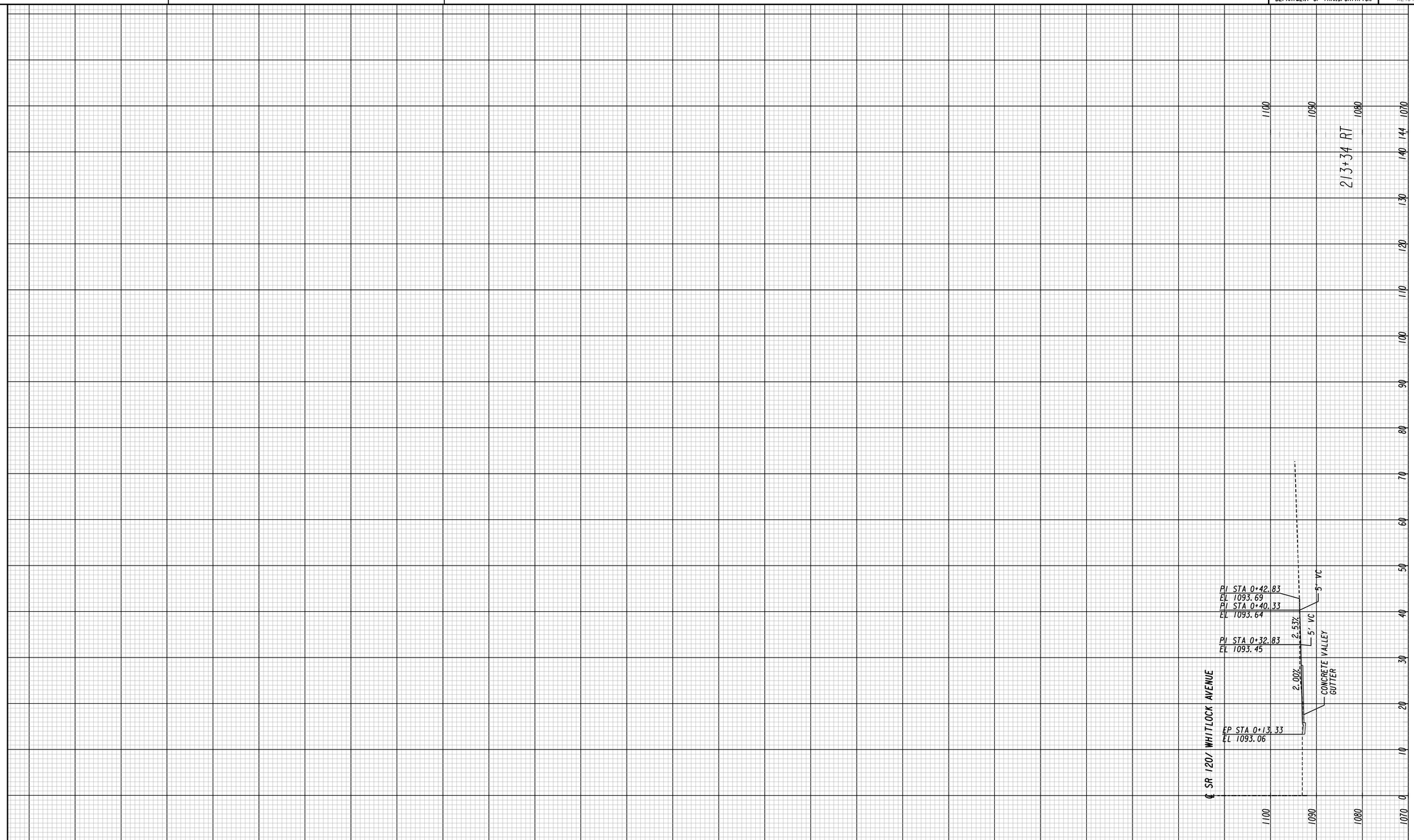
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



7/31/2015 SUXEN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRIVEWAY PROFILES
SR 120
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
17-0004

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USER:jkelly

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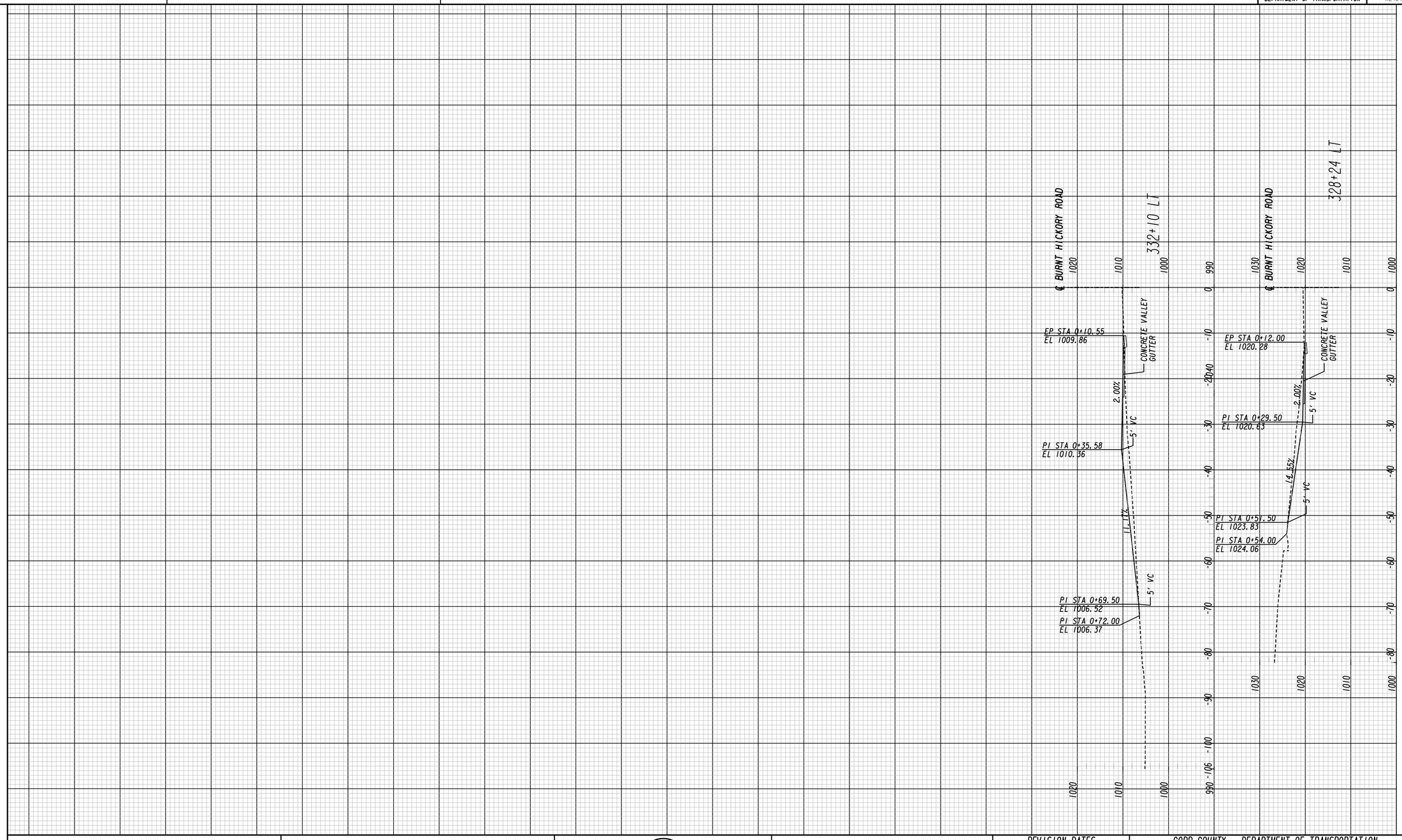
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

BURNT HICKORY ROAD
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
17-0005

7/31/2015 SUXEN

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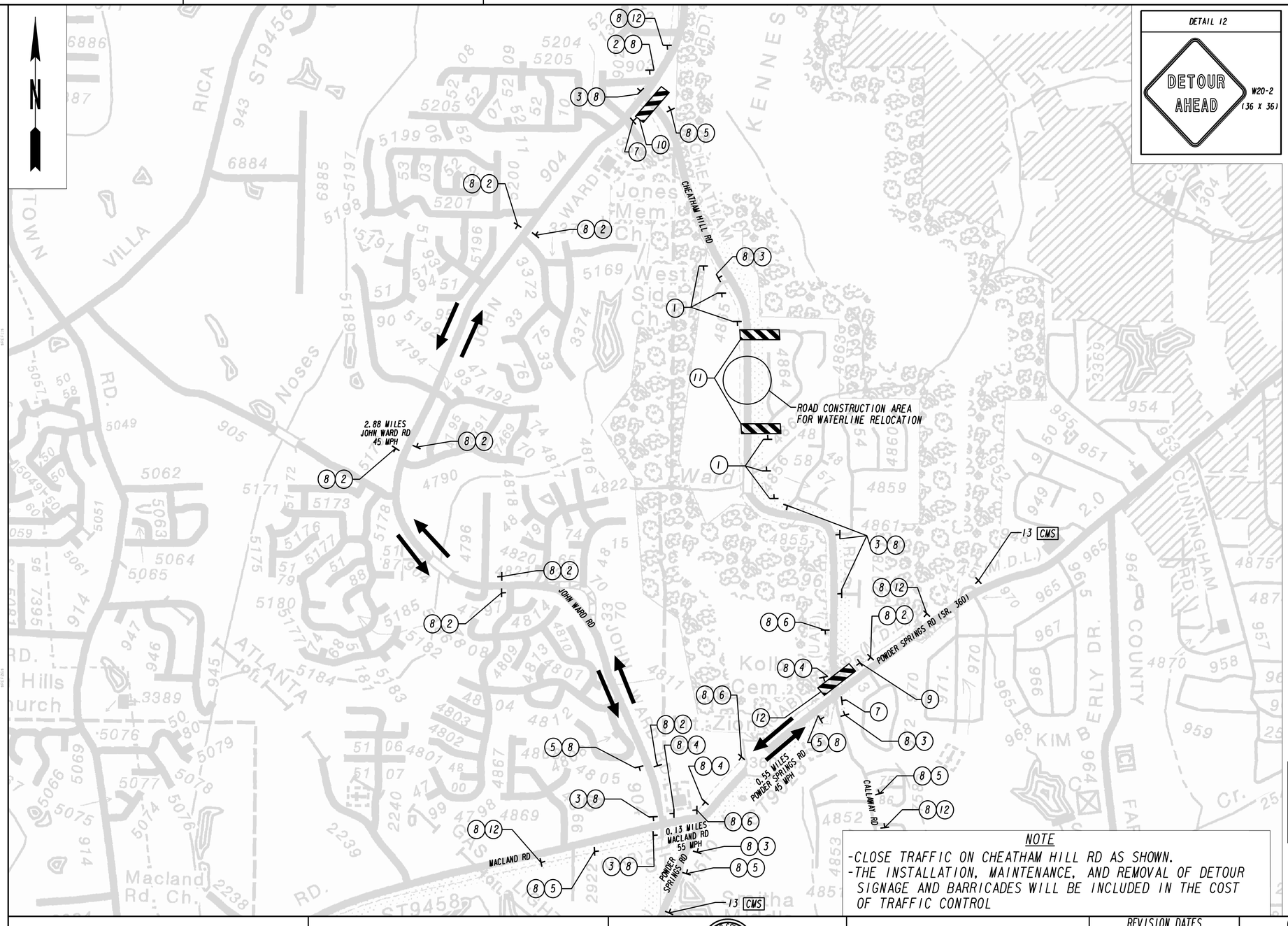
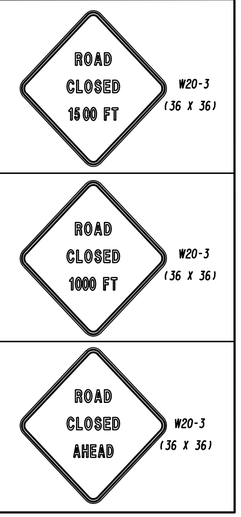


NOTE

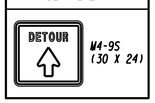
-CLOSE TRAFFIC ON CHEATHAM HILL RD AS SHOWN.
-THE INSTALLATION, MAINTENANCE, AND REMOVAL OF DETOUR SIGNAGE AND BARRICADES WILL BE INCLUDED IN THE COST OF TRAFFIC CONTROL

DETAIL 12

DETAIL 1



DETAIL 2



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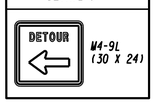

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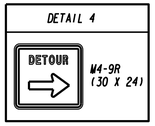

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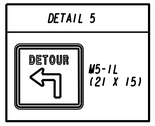

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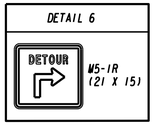
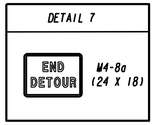
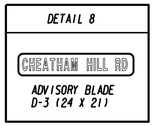


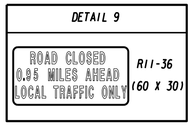
DETAIL 7



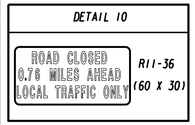
DETAIL 8



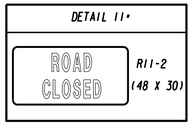
DETAIL 9



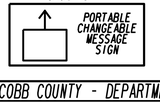
DETAIL 10



DETAIL 11*



SIGN 13



* TYPE 3 BARRICADE REQ'D ACROSS ROAD WITH LIGHTS

7/31/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 800 1600 3200

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

STAGING DETAILS - DETOUR MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 20-0001

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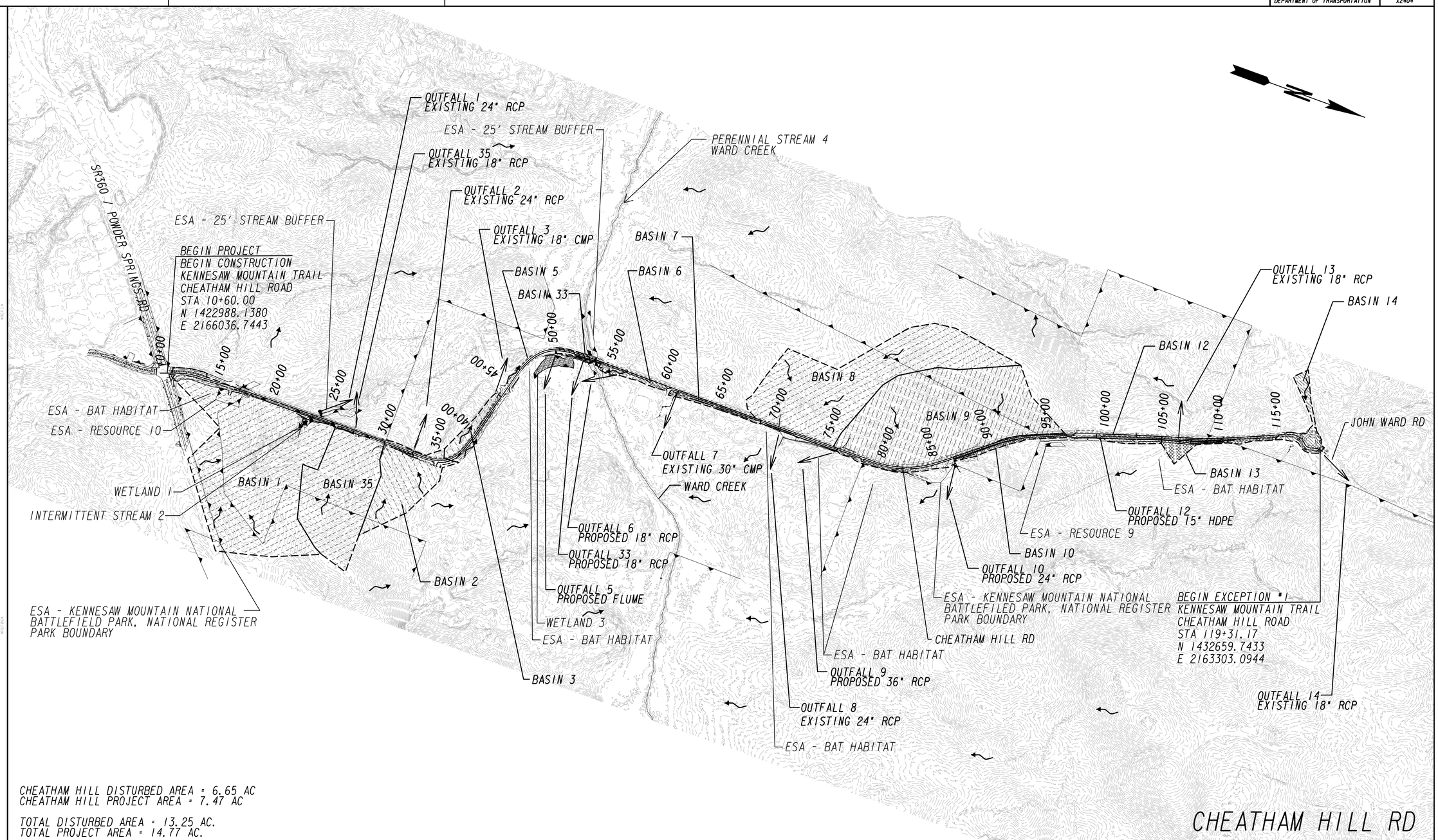
COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



CHEATHAM HILL DISTURBED AREA = 6.65 AC
CHEATHAM HILL PROJECT AREA = 7.47 AC

TOTAL DISTURBED AREA = 13.25 AC.
TOTAL PROJECT AREA = 14.77 AC.

CHEATHAM HILL RD

10/23/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 400 800 1600

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 21-0001

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COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

BEGIN PROJECT
BEGIN CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
CHEATHAM HILL ROAD
STA 10+60.00
N 1422988.1380
E 2166036.7443

10+00
15+00
20+00
25+00
30+00
35+00
40+00
45+00
50+00
55+00

SR360 / POWDER SPRINGS RD

ESA - RESOURCE 12
ESA - 25' STREAM BUFFER
INTERMITTENT STREAM 2
OUTFALL 1
EXISTING 24" RCP
OUTFALL 35
EXISTING 18" RCP
CHEATHAM HILL RD
ESA - BAT HABITAT
ESA - RESOURCE 10
WETLAND 1
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY
BASIN 1
BASIN 35
BASIN 2
OUTFALL 2
PROPOSED 24" RCP
BASIN 3
OUTFALL 3
EXISTING 18" CMP
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY
PERENNIAL STREAM 4
WARD CREEK
ESA - 25' STREAM BUFFER
BASIN 33
WARD CREEK
OUTFALL 33
PROPOSED 18" RCP
OUTFALL 6
PROPOSED 18" RCP
BASIN 6
WETLAND 3
ESA - BAT HABITAT
MATCHLINE STA. 56+00.00
SEE SHEET 21-0003

CHEATHAM HILL RD

10/23/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 150 300 600

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
DRAINAGE AREA MAP
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 21-0002

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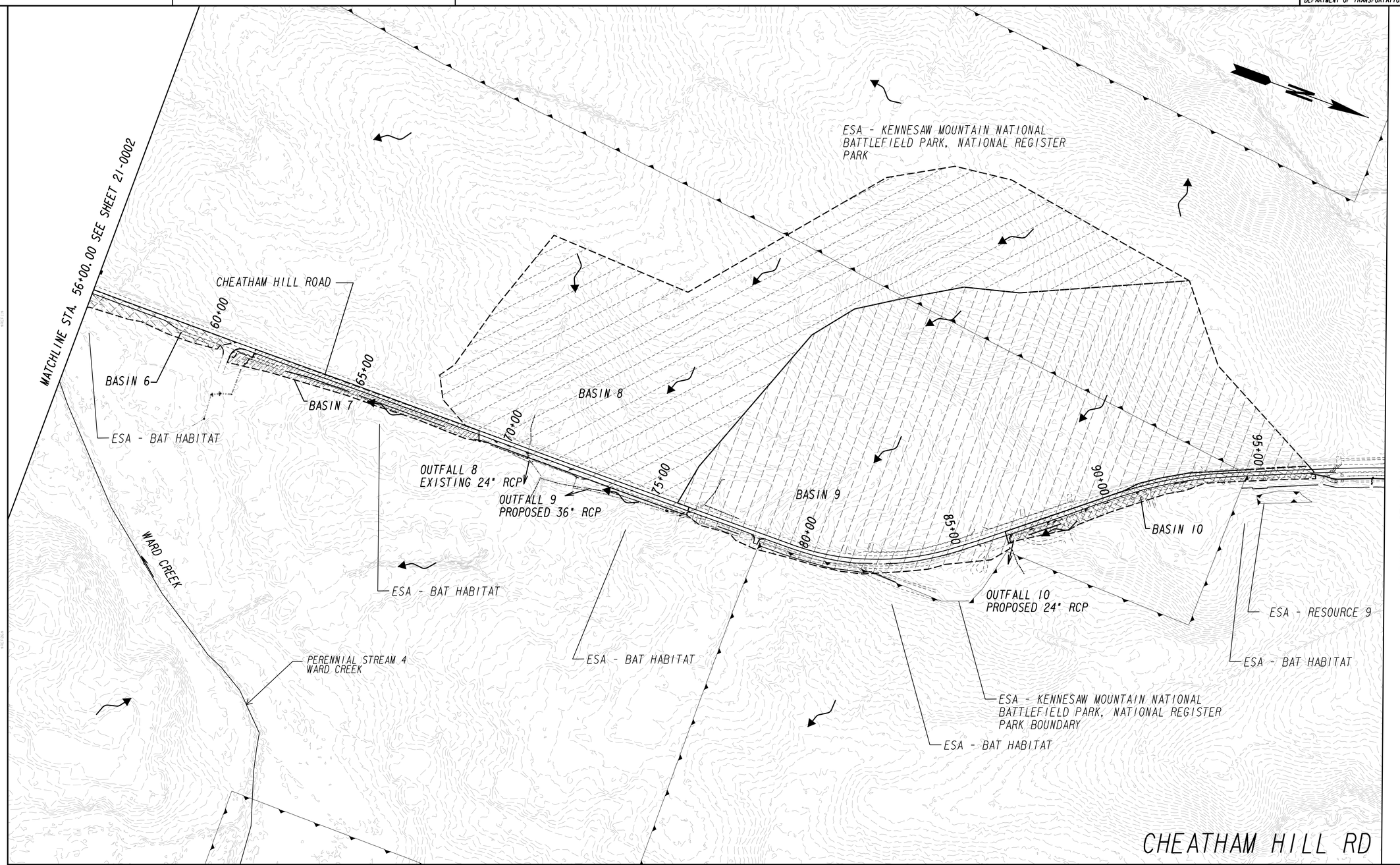
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



10/23/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 150 300 600

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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VERIFIED:		DATE:	

DRAWING No.
21-0003

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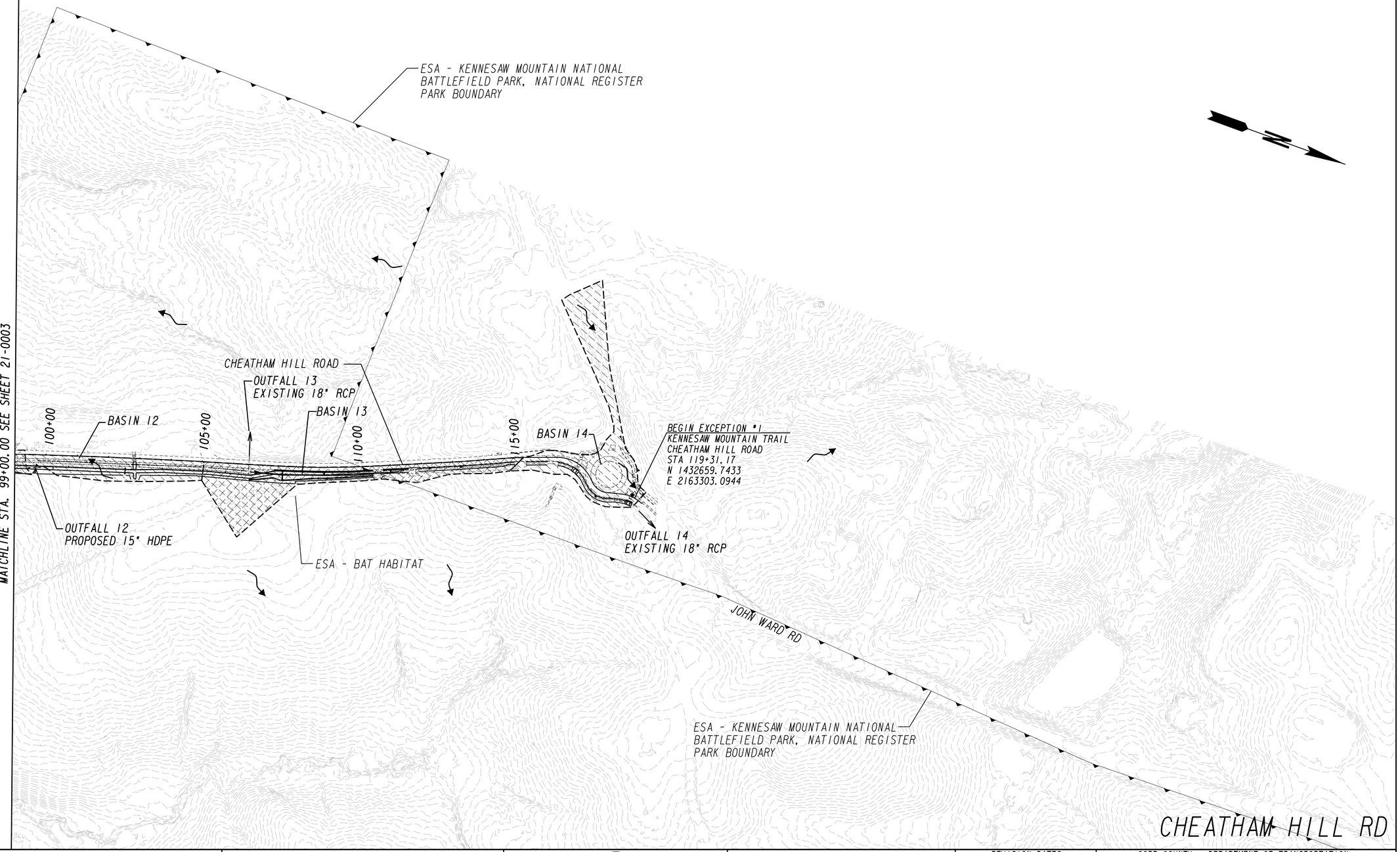
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



10/23/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 150 300 600

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 21-0004

BASIN NO.	PIPE OUTLET LOCATION AND DESCRIPTION				DISTURBED AREA	CONTRIBUTING AREA (ac)	EXISTING RUNOFF COEFFICIENT			EXISTING RUNOFF (CFS)			PROPOSED RUNOFF COEFFICIENT			PROPOSED RUNOFF (CFS)			PRE HEADWATER ELEV.		PRE VELOCITY (FPS)		POST HEADWATER ELEV.		POST VELOCITY (FPS)	
	ROAD	STATION	OFFSET	STRUCTURE TYPE			C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}
1	CHEATHAM HILL RD	24+37.90	29.56' LT	EXISTING 24" RCP	1.12	31.34	0.27	0.30	0.31	23.62	29.32	35.21	0.28	0.31	0.32	24.62	30.56	36.70	999.27	1000.83	11.34	11.66	1001.60	1003.32	13.77	14.50
35	CHEATHAM HILL RD	27+68.91	31.02' LT	EXISTING 18" RCP	0.34	13.67	0.31	0.34	0.35	15.27	19.00	22.76	0.32	0.35	0.36	15.81	19.63	23.51	N/ A	N/ A	11.99	12.61	N/ A	N/ A	12.63	12.70
2	CHEATHAM HILL RD	33+16.70	29.81' LT	EXISTING 24" RCP	0.44	7.15	0.41	0.45	0.47	12.81	15.88	18.90	0.44	0.48	0.50	13.67	16.94	20.17	999.60	999.61	13.97	13.97	N/ A	N/ A	9.01	9.43
3	CHEATHAM HILL RD	43+84.37	55.04' LT	EXISTING 18" CMP	0.02	1.62	0.42	0.46	0.48	4.33	5.38	6.37	0.42	0.46	0.48	4.43	5.50	6.52	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
5	CHEATHAM HILL RD	50+18.87	37.67' RT	SPILLWAY	0.34	0.71	0.77	0.84	0.88	5.23	6.47	7.62	0.91	0.99	1.04	6.19	7.66	9.01	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
33	CHEATHAM HILL RD	52+92.41	39.40' RT	18" RCP	0.2	0.36	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	0.92	1.00	1.05	3.19	3.94	4.63	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	6.27	6.53
6	CHEATHAM HILL RD	54+32.66	37.59' RT	18" RCP	0.45	0.80	0.46	0.50	0.52	3.51	4.34	5.10	0.65	0.71	0.74	4.96	6.14	7.22	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	7.10	7.39
7	CHEATHAM HILL RD	61+26.93	77.35' RT	EXISTING 30" CMP	0.5	0.78	0.41	0.45	0.47	2.89	3.57	4.20	0.65	0.71	0.74	4.82	5.96	7.01	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
8	CHEATHAM HILL RD	70+97.11	37.55' RT	EXISTING 24" RCP	0.19	22.82	0.21	0.22	0.23	16.59	20.61	24.61	0.21	0.23	0.24	16.81	20.88	24.94	978.92	979.64	9.48	7.83	978.97	979.71	9.36	7.94
9	CHEATHAM HILL RD	75+52.16	34.56' RT	36" RCP	0.86	27.19	0.38	0.41	0.43	32.63	40.52	48.62	0.39	0.42	0.44	33.59	41.68	49.97	992.98	993.54	10.24	10.74	992.05	992.64	17.28	17.91
10	CHEATHAM HILL RD	86+70.04	34.86' RT	24" RCP	0.43	1.07	0.60	0.66	0.68	6.14	7.59	8.94	0.78	0.85	0.88	7.93	9.80	11.54	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	6.52	6.81
12	CHEATHAM HILL RD	99+58.40	40.55' RT	15" HDPE	0.51	0.85	0.44	0.48	0.50	3.56	4.40	5.18	0.55	0.60	0.62	4.44	5.50	6.47	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
13	CHEATHAM HILL RD	106+48.20	25.64' LT	EXISTING 18" RCP	0.76	1.77	0.40	0.44	0.46	6.77	8.37	9.84	0.49	0.54	0.56	8.34	10.31	12.13	1096.77	1097.10	10.97	11.45	1097.21	1097.73	11.60	11.97
14	CHEATHAM HILL RD	119+58.08	17.87' RT	EXISTING 18" RCP	0.24	1.82	0.76	0.83	0.87	8.05	9.99	11.85	0.85	0.93	0.95	9.01	11.19	13.04	N/ A	N/ A	7.04	7.31	N/ A	N/ A	7.25	7.51

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

		DATE:	
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
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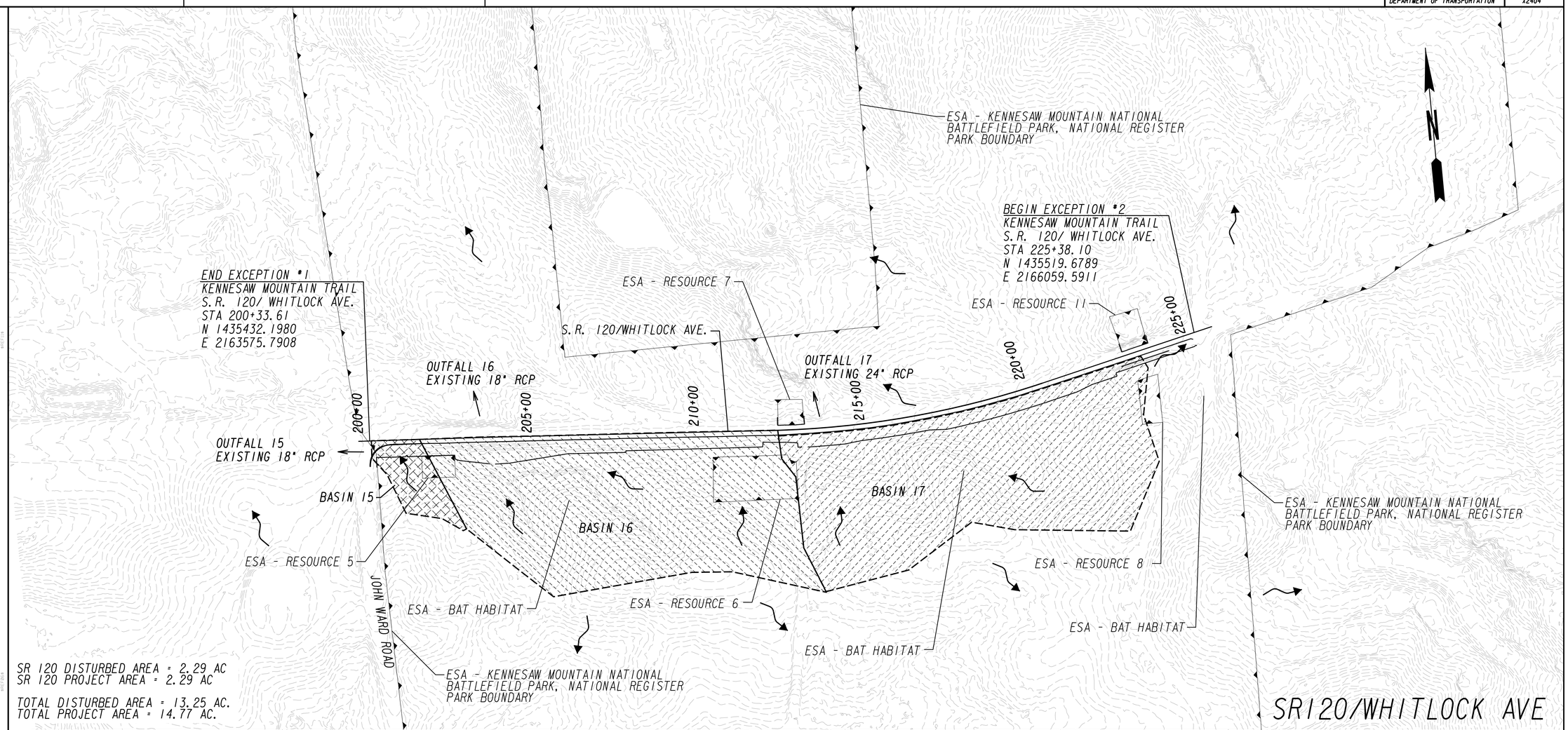
VERIFIED:		DATE:	

DRAWING No. 21-0005

10/23/2015 GPLN



SR 120 DISTURBED AREA = 2.29 AC
SR 120 PROJECT AREA = 2.29 AC

TOTAL DISTURBED AREA = 13.25 AC.
TOTAL PROJECT AREA = 14.77 AC.

BASIN NO.	PIPE OUTLET LOCATION AND DESCRIPTION				DISTURBED AREA	CONTRIBUTING AREA (ac)	EXISTING RUNOFF COEFFICIENT			EXISTING RUNOFF (CFS)			PROPOSED RUNOFF COEFFICIENT			PROPOSED RUNOFF (CFS)			PRE HEADWATER ELEV.		PRE VELOCITY (FPS)		POST HEADWATER ELEV.		POST VELOCITY (FPS)	
	ROAD	STATION	OFFSET	STRUCTURE TYPE			C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}
15	WHITLOCK AVENUE	200+50.00	30.00' RT	EXISTING 18" RCP	0.12	0.86	0.24	0.26	0.27	1.13	1.40	1.63	0.27	0.29	0.30	1.23	1.52	1.78	1078.79	1078.84	6.77	7.34	1078.82	1078.87	7.17	7.25
16	WHITLOCK AVENUE	203+65.97	56.97' LT	EXISTING 18" RCP	1.08	10.16	0.23	0.26	0.27	10.05	12.50	14.62	0.27	0.30	0.31	11.58	14.38	16.88	1077.50	1078.24	8.41	8.54	1079.66	1080.67	9.64	9.85
17	WHITLOCK AVENUE	213+81.92	27.38' LT	EXISTING 24" RCP	0.97	10.38	0.24	0.26	0.27	9.13	11.38	13.36	0.26	0.28	0.30	9.92	12.36	14.51	1090.50	1090.71	12.12	12.41	1091.96	1092.20	13.64	14.11

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 150 300 600

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
DRAINAGE AREA MAP
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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DRAWING No. 21-0006

10/23/2015 GPLN

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

END EXCEPTION *2
KENNESAW MOUNTAIN TRATL
BURNT HICKORY RD.
STA 300+12.23
N 1437962.9784
E 2171763.0912

OUTFALL 19
EXISTING 36" RCP

OUTFALL 20
EXISTING 36" RCP

S.R. 120 / WHITLOCK AVE

OUTFALL 21
EXISTING 36" RCP

OUTFALL 22
EXISTING 18" RCP

BASIN 22

ESA - BAT HABITAT

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL RESISTER PARK BOUNDARY

NOSES CREEK

ESA - BAT HABITAT

BASIN 25

OUTFALL 25
18" RCP

OUTFALL 32
EXIST. 2-10'X10' BOX CULVERT

OUTFALL 34
18" RCP

ESA - RESOURCE 2

ESA - BAT HABITAT

ESA - RESOURCE 3

EPHEMERAL CHANNEL 10

OUTFALL 28
PROPOSED 36" RCP

OUTFALL 27
PROPOSED 36" RCP

OUTFALL 26
PROPOSED 18" RCP

INTERMITTENT STREAM 8

ESA - RESOURCE 1

END PROJECT
END CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 365+64.37
N 1442018.5920
E 2167116.6728

OUTFALL 30
PROPOSED SPILLWAY

ESA - BAT HABITAT

BASIN 30

OLD MOUNTAIN RD.

BASIN 19

BASIN 32A

BASIN 34

BASIN 20

BASIN 21

OUTFALL 32A
EXISTING 36" RCP

BASIN 28

BASIN 27

BASIN 26

ESA - 25' STREAM BUFFER

PERENNIAL STREAM 5
NOSES CREEK

BURNT HICKORY RD.

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL RESISTER PARK BOUNDARY

BASIN 32

BURNT HICKORY RD

BURNT HICKORY DISTURBED AREA = 4.31 AC
BURNT HICKORY PROJECT AREA = 5.01 AC

TOTAL DISTURBED AREA = 13.25 AC.
TOTAL PROJECT AREA = 14.77 AC.

10/23/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 250 500 1000

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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21-0007

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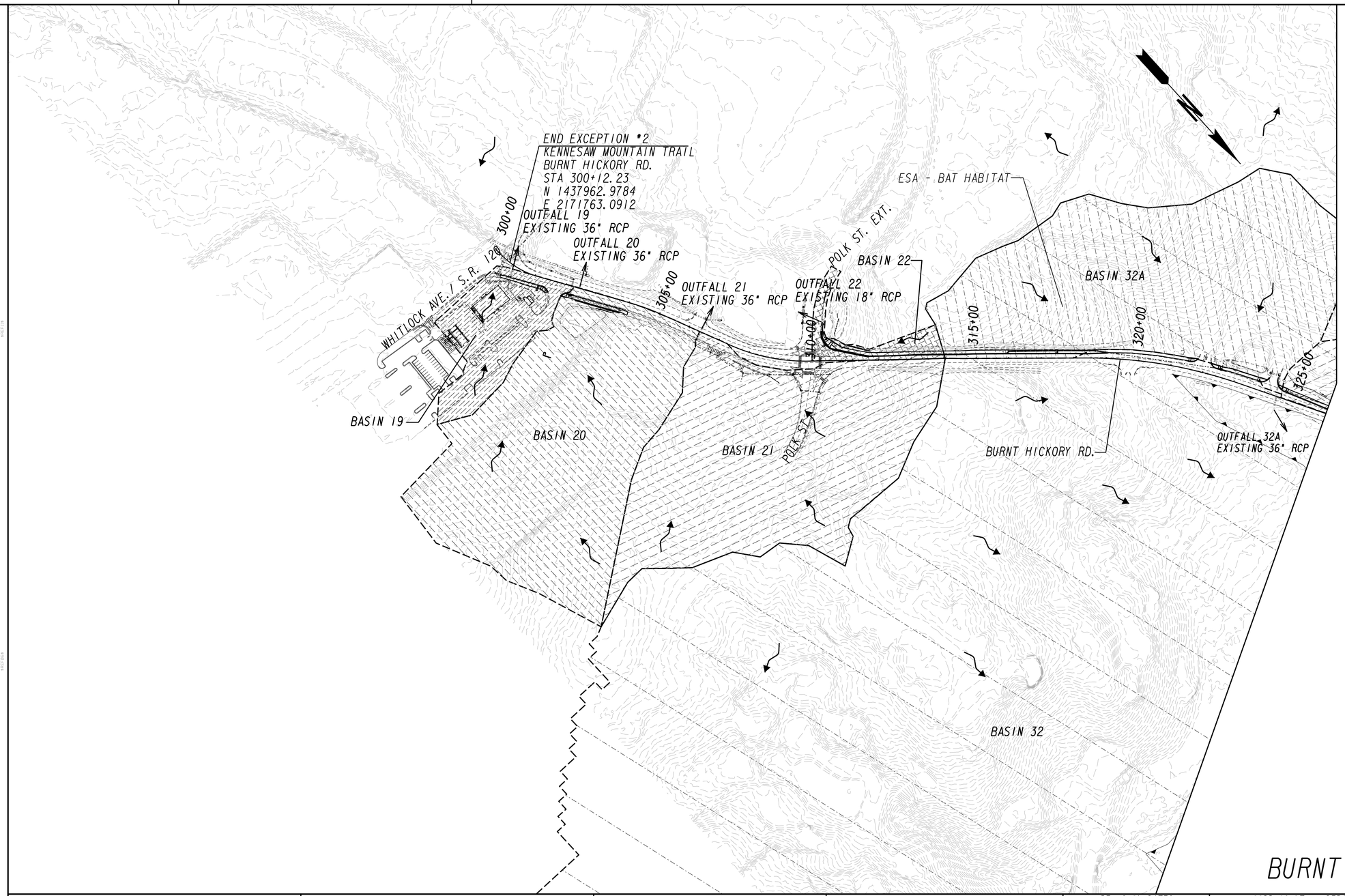
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 150 300 600

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
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DRAWING No.
21-0008

10/23/2015 GPLN

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COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404

END PROJECT
END CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 365+64.37
N 1442018.5920
E 2167116.6728

ESA - RESOURCE 1
ESA - RESOURCE 2
ESA - BAT HABITAT
365+00
OUTDALL 28
PROPOSED SPILLWAY
OLD MOUNTAIN RD.
360+00
BASIN 30
355+00
OUTFALL 28
PROPOSED 36" RCP
OUTFALL 27
PROPOSED 36" RCP
350+00
345+00
ESA - BAT HABITAT
ESA - RESOURCE 3
NOSES CREEK
OUTFALL 34
PROPOSED 18" RCP
OUTFALL 32
EXISTING 20'x10'
BOX CULVERT
OUTFALL 25
PROPOSED 18" RCP
BASIN 34
330+00
335+00
BASIN 25
340+00
OUTFALL 26
PROPOSED 18" RCP
BASIN 26
BASIN 28
ESA - BAT HABITAT
BURNT HICKORY RD.
INTERMITTENT STREAM 8
ESA - 25' STREAM BUFFER
ESA - RESOURCE 4
BASIN 27
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY
MATCHLINE STA. 326+00.00 SEE SHEET 21-0008
ESA - 25' STREAM BUFFER
PERENNIAL STREAM 5
NOSES CREEK
BASIN 32
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

BURNT HICKORY RD

10/23/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 150 300 600

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 21-0009

BASIN NO.	PIPE OUTLET LOCATION AND DESCRIPTION				DISTURBED AREA	CONTRIBUTING AREA (ac)	EXISTING RUNOFF COEFFICIENT			EXISTING RUNOFF (CFS)			PROPOSED RUNOFF COEFFICIENT			PROPOSED RUNOFF (CFS)			PRE HEADWATER ELEV.		PRE VELOCITY (FPS)		POST HEADWATER ELEV.		POST VELOCITY (FPS)	
	ROAD	STATION	OFFSET	STRUCTURE TYPE			C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}
19	BURNT HICKORY RD	300+30.00	25.00' LT	EXISTING 36" RCP	0.14	2.31	0.87	0.95	0.95	13.36	16.56	19.40	0.88	0.95	0.95	13.50	16.48	19.40	1053.52	1053.71	14.40	14.81	1053.51	1053.71	14.40	14.81
20	BURNT HICKORY RD	302+25.00	25.00' LT	EXISTING 36" RCP	0.14	11.45	0.50	0.55	0.57	24.79	30.74	36.58	0.50	0.55	0.57	24.88	30.85	36.72	1058.07	1058.41	10.22	10.62	1058.07	1058.42	7.82	8.17
21	BURNT HICKORY RD	306+50.00	25.00' LT	EXISTING 36" RCP	0.01	11.12	0.36	0.39	0.40	16.45	20.44	24.39	0.36	0.39	0.41	16.59	20.63	24.61	1075.21	1075.45	17.74	18.39	1075.22	1075.46	17.76	18.45
22	BURNT HICKORY RD	309+99.74	114.93' LT	EXISTING 18" RCP	0.29	0.77	0.64	0.70	0.73	4.70	5.81	6.83	0.65	0.71	0.74	4.79	5.92	6.97	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	6.12	6.36
32A	BURNT HICKORY RD	324+43.59	34.85' RT	EXISTING 36" RCP	0.64	12.98	0.37	0.40	0.42	17.02	21.12	25.26	0.38	0.41	0.43	17.42	21.62	25.86	N/ A	N/ A	8.09	8.46	N/ A	N/ A	8.14	8.51
34	BURNT HICKORY RD	332+49.69	36.26' LT	18" RCP	0.47	3.46	0.66	0.72	0.75	0.82	1.01	1.19	0.57	0.62	0.64	12.95	16.05	19.69	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	9.24	11.14
25	BURNT HICKORY RD	332+83.07	31.43' LT	18" RCP	0.53	0.85	0.71	0.78	0.81	5.78	7.15	8.41	0.89	0.97	1.01	7.17	8.86	10.43	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	7.12	7.50
26	BURNT HICKORY RD	341+40.59	35.49' LT	18" RCP	0.24	0.20	0.58	0.63	0.66	1.11	1.37	1.61	0.95	0.95	0.95	1.81	2.05	2.32	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	4.51	4.65
27	BURNT HICKORY RD	348+56.82	54.57' LT	36" RCP	0.52	27.07	0.18	0.20	0.20	17.17	21.31	25.48	0.19	0.21	0.22	18.25	22.65	27.09	1062.42	1062.68	12.40	12.81	1062.44	1062.70	7.00	7.42
28	BURNT HICKORY RD	353+31.05	41.00' LT	36" RCP	0.34	15.34	0.19	0.21	0.22	12.63	15.70	18.74	0.19	0.21	0.22	12.35	15.35	18.32	1066.06	1066.27	11.69	12.02	1066.03	1066.24	11.61	11.95
32	BURNT HICKORY RD	332+61.40	30.72' LT	EXISTING 2-10'X10' BOX CULVERT	-	1594.96	N/ A	N/ A	N/ A	933.00	1140.00	1330.00	N/ A	N/ A	N/ A	933.00	1140.00	1330.00	1004.90	1005.74	18.30	18.94	1004.90	1005.74	18.30	18.94

BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
DRAINAGE AREA MAP
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No.
21-0010

10/23/2015 GPLN

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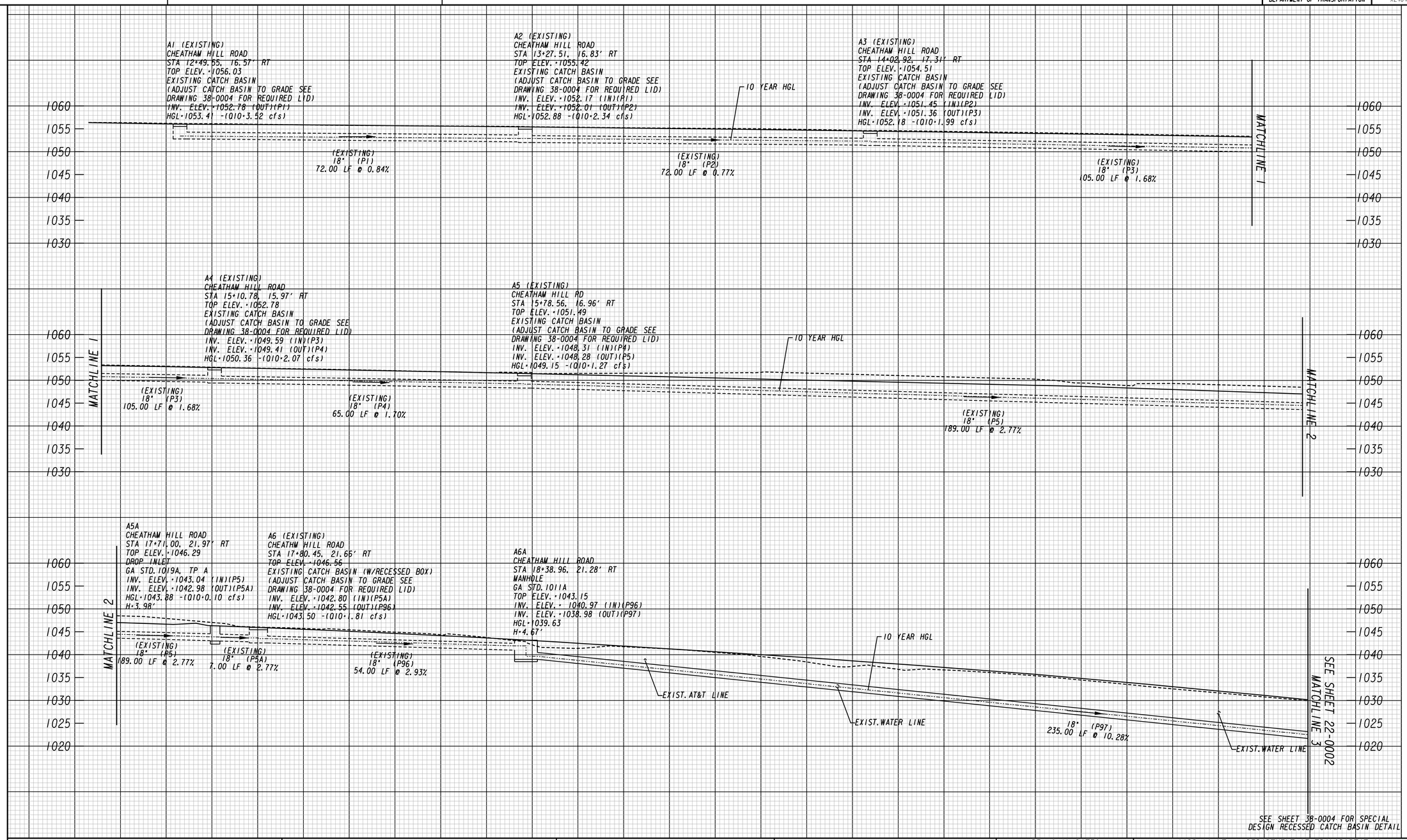
COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404



SEE SHEET 38-0004 FOR SPECIAL DESIGN RECESSED CATCH BASIN DETAIL

7/31/2015 SUXEN

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES

SYSTEM A

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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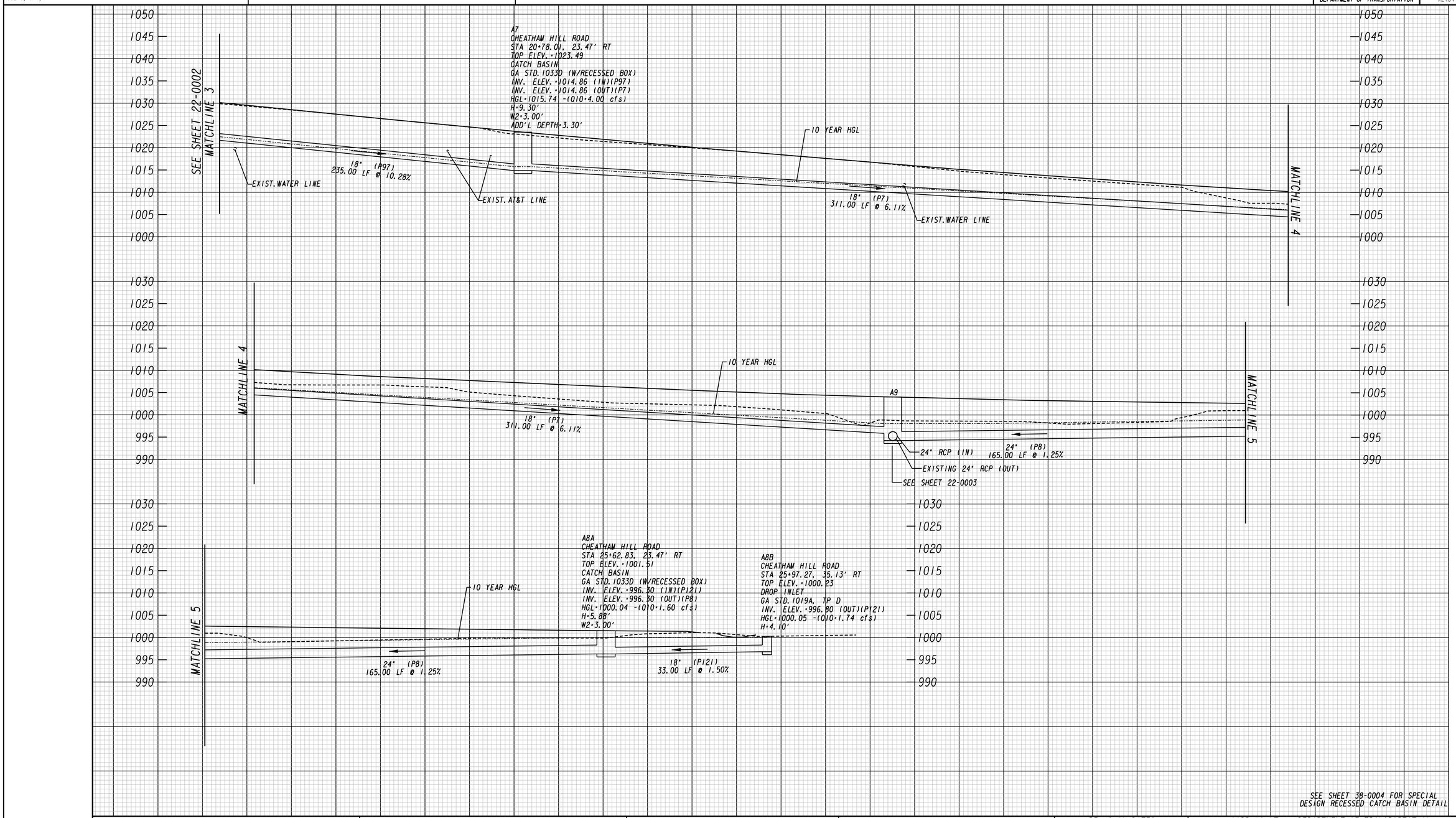
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 22-0001



SEE SHEET 38-0004 FOR SPECIAL DESIGN RECESSED CATCH BASIN DETAIL

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES
SYSTEM A
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 22-0002

7/31/2015 SUXEN

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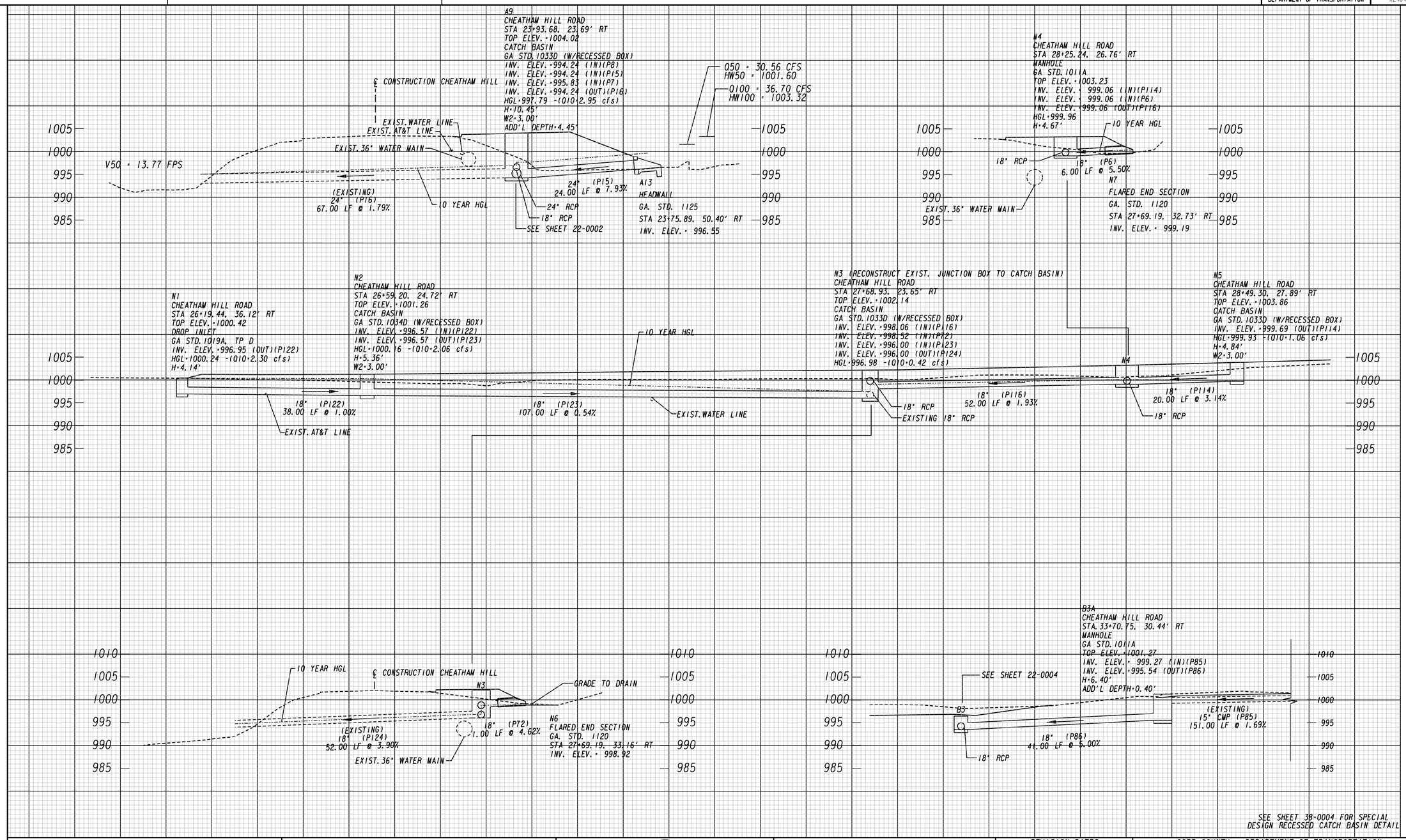

SEE SHEET 38-0004 FOR SPECIAL DESIGN RECESSED CATCH BASIN DETAIL

7/31/2015 SUXEN

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES
SYSTEM A, N, & B
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404

B4 (RECONSTRUCT EXISTING)
CHEATHAM HILL ROAD
STA. 33+16.77, 16.41' LT
EXISTING CATCH BASIN
GA STD. 1034D
TOP ELEV.=998.61
INV. ELEV.= 993.15 (IN)(PI05)
INV. ELEV.=993.06 (OUT)(PI1)
HGL=993.76

(EXISTING)
24" (PI1)
11.00 LF @ 2.67%

℄ CONSTRUCTION
CHEATHAM HILL

24" (PI05)
26.00 LF @ 0.53%

10 YEAR HGL

B3B
18" RCP

18" (P22)
13.00 LF @ 0.50%

EXIST. AT&T LINE

EXIST. 36" WATER MAIN

B2
CHEATHAM HILL ROAD
STA. 33+26.33, 22.13' RT
TOP ELEV.=999.61
CATCH BASIN
GA STD. 1033D (W/RECESSED BOX)
INV. ELEV.=993.37 (IN)(P21)
INV. ELEV.=993.36 (OUT)(P22)
HGL=994.88 -(Q10=0.85 cfs)
H=6.92' ADD'L DEPTH=0.92'
W2=3.00'

18" (P21)
9.00 LF @ 1.56%

B3
CHEATHAM HILL ROAD
STA. 33+26.82, 34.67' RT
TOP ELEV.=996.47
MEDIAN INLET
GA STD. 9031S
INV. ELEV.=993.51 (IN)(PB6)
INV. ELEV.=993.51 (IN)(P12)
INV. ELEV.=993.51 (OUT)(P21)
HGL=994.12 -(Q10=5.60 cfs)
H=3.63'

18" (CLASS V PIPE) (P12)
27.00 LF @ 1.00%

18" RCP
SEE SHEET 22-0003

BIC
CHEATHAM HILL ROAD
STA. 32+96.55, 36.09' RT
TOP ELEV.=996.85
MEDIAN INLET
GA STD. 9031S
INV. ELEV.=993.79 (OUT)(P12)
HGL=995.29 -(Q10=0.30 cfs)
H=3.73'

D5
CHEATHAM HILL ROAD
STA 54+33.06, 20.08' RT
TOP ELEV.=951.21
CATCH BASIN
GA STD. 1033D (W/RECESSED BOX)
INV. ELEV.=946.53 (OUT)(P35)
HGL=947.00 -(Q10=3.12 cfs)
H=5.35'
W2=3.00'

10 YEAR HGL

8 SY STONE
DUMPED RIP RAP
TP3, 18" THK

18" (P35)
10.00 LF @ 1.95%

D6
FLARED END SECTION
GA. STD. 1120
STA 54+32.66, 37.59' RT
INV. ELEV.= 946.24

EXIST. 36" WATER MAIN

B1
CHEATHAM HILL ROAD
STA. 31+25.25, 23.83' RT
TOP ELEV.=1005.27
CATCH BASIN
GA STD. 1033D (W/ RECESSED BOX)
INV. ELEV.=1000.36 (OUT)(P19)
HGL=1000.59 -(Q10=0.97 cfs)
H=5.58'
W2=3.00'

18" (P19)
70.00 LF @ 3.31%

EXIST. WATER LINE

BIA
CHEATHAM HILL ROAD
STA 31+97.63, 23.78' RT
TOP ELEV.=1002.96
CATCH BASIN
GA STD. 1033D (W/ RECESSED BOX)
INV. ELEV.=998.05 (IN)(P19)
INV. ELEV.=998.05 (OUT)(P18)
HGL=998.37 -(Q10=0.94 cfs)
H=5.58'
W2=3.00'

10 YEAR HGL

18" (P18)
79.00 LF @ 3.14%

EXIST. WATER LINE

BIB
CHEATHAM HILL ROAD
STA. 32+79.46, 24.32' RT
TOP ELEV.=1000.48
CATCH BASIN
GA STD. 1033D (W/ RECESSED BOX)
INV. ELEV.=995.57 (IN)(P18)
INV. ELEV.=995.57 (OUT)(P17)
HGL=996.10 -(Q10=0.89 cfs)
H=5.58'
W2=3.00'

18" (P17)
36.00 LF @ 1.00%

EXIST. 36" WATER MAIN

B3B
CHEATHAM HILL ROAD
STA. 33+16.67, 13.34' RT
TOP ELEV.=999.25
DROP INLET
GA STD. 1019A, TP A
INV. ELEV.=993.29 (IN)(P22)
INV. ELEV.=995.21 (IN)(P17)
INV. ELEV.=993.29 (OUT)(P105)
HGL=994.40 -(Q10=0.24 cfs)
H=6.63'
ADD'L DEPTH=0.63'

24" RCP

18" RCP

EXIST. TELECOM LINE

C7
CHEATHAM HILL ROAD
STA 52+00.69, 20.44' RT
TOP ELEV.=949.76
CATCH BASIN
GA STD. 1033D (W/ RECESSED BOX)
INV. ELEV.=945.59(OUT)(P29)
HGL=946.00 -(Q10=1.21 cfs)
H=4.84'
W2=3.00'

10 YEAR HGL

18" (P29)
89.00 LF @ 0.50%

EXIST. WATER LINE

C8
CHEATHAM HILL ROAD
STA 52+92.41, 21.14' RT
TOP ELEV.=949.74
CATCH BASIN
GA STD. 1034D (W/ RECESSED BOX)
INV. ELEV.=945.15 (IN)(P29)
INV. ELEV.=945.15 (OUT)(P30)
HGL=946.33 -(Q10=1.15 cfs)
H=5.26'
W2=3.00'

18" (P30)
9.00 LF @ 0.50%

EXIST. 36" WATER MAIN

8 SY STONE
DUMPED RIP RAP
TP3, 18" THK

C9
FLARED END SECTION
GA. STD. 1120
STA 52+92.41, 37.80' RT
INV. ELEV.= 944.52

Q50 = 20.88 CFS
HW50 = 978.97

Q100 = 24.94 CFS
HW100 = 979.71

℄ CONSTRUCTION
CHEATHAM HILL

E2

18" RCP

V50 = 9.36 FPS

EL. 975.22
GRADE TO DRAIN

(EXISTING)
24" (P36)
38.00 LF @ 1.40%

50 YEAR HGL

24" (P37)
9.00 LF @ 1.38%

EXIST. WATER LINE

SEE SHEET 31-0002
FOR DETAILS

E2
CHEATHAM HILL ROAD
STA 70+76.76, 15.43' RT
TOP ELEV.=985.51
CATCH BASIN
GA STD. 1034D
INV. ELEV.=980.20 (IN)(P95)
INV. ELEV.=980.20 (IN)(P38)
INV. ELEV.=975.37 (IN)(P36)
INV. ELEV.=975.35 (OUT)(P37)
HGL=976.48 -(Q10=0.65 cfs)
H=10.83'
ADD'L DEPTH=4.83'

EXISTING 24" RCP &
PROPOSED 24" RCP

10 YEAR HGL

18" (P95)
140.00 LF @ 1.54%

E1
CHEATHAM HILL ROAD
STA 69+72.21, 16.12' RT
TOP ELEV.=985.36
CATCH BASIN
GA STD. 1033D
INV. ELEV.=981.21 (OUT)(P38)
HGL=981.50 -(Q10=0.85 cfs)
H=4.82'

18" (P38)
101.00 LF @ 1.00%

E3
CHEATHAM HILL ROAD
STA 72+20.58, 15.57' RT
TOP ELEV.=986.51
CATCH BASIN
GA STD. 1033D
INV. ELEV.=982.36 (OUT)(P95)
HGL=982.75 -(Q10=1.87 cfs)
H=4.82'

SEE SHEET 38-0004 FOR SPECIAL
DESIGN RECESSED CATCH BASIN DETAIL

7/31/2015 SUXEN

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES
SYSTEM B, C, D & E
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

F2
CHEATHAM HILL ROAD
STA 76+00.41, 34.77' RT
MANHOLE
GA STD. 1011A
TOP ELEV.=992.51
INV. ELEV.= 988.07 (IN)(P40)
INV. ELEV.=985.68 (OUT)(P23)
HGL=986.62
H=7.49'
ADD'L DEPTH=1.49

F3
CHEATHAM HILL ROAD
STA 75+52.16, 34.56' RT
FLARED END SECTION
GA. STD. 1120
INV. ELEV.= 983.85

F1
CHEATHAM HILL ROAD
STA 76+20.60, 15.88' RT
TOP ELEV.=994.91
CATCH BASIN
GA STD.1033D
INV. ELEV.=988.89 (IN)(P39)
INV. ELEV.=988.75 (OUT)(P40)
HGL=989.76 -(Q10=2.83 cfs)
H=6.83'
ADD'L DEPTH=0.83'

℄ CONSTRUCTION CHEATHAM HILL
Q100 = 49.97 CFS
HW100 = 992.64
Q50 = 41.68 CFS
HW50 = 992.05

50 YEAR HGL

V50 = 17.28 FPS

180 SY STONE
DUMPED RIP RAP
TP3, 18" THK

36" (P23)
46.00 LF @ 4.00%

36" (P40)
23.00 LF @ 3.00%

EXIST. WATER LINE

(EXISTING)
36" (P39)
53.00 LF @ 1.47%

1000
995
990
985
980
975

G1
CHEATHAM HILL ROAD
STA. 86+76.18, 21.85' RT
TOP ELEV.=1054.21
CATCH BASIN
GA STD.1033D (W/ RECESSED BOX)
INV. ELEV.=1048.57 (IN)(P115)
INV. ELEV.=1048.57 (OUT)(P45)
HGL=1049.29 -(Q10=0.18 cfs)
H=6.31'
ADD'L DEPTH=0.31'
W2=3.00'

G1A
CHEATHAM HILL ROAD
STA. 88+00.00, 22.29' RT
TOP ELEV.=1059.99
CATCH BASIN
GA STD.1033D (W/RECESSED BOX)
INV. ELEV.=1054.26 (IN)(P44)
INV. ELEV.=1054.26 (OUT)(P115)
HGL=1054.74 -(Q10=0.65 cfs)
H=6.40'
ADD'L DEPTH=0.40'
W2=3.00'

8 SY STONE
DUMPED RIP RAP
TP3, 18" THK

24" (P45)
11.00 LF @ 1.23%

24" (P115)
121.00 LF @ 4.72%

24" (P44)
124.00 LF @ 4.77%

EXIST. AT&T LINE

EXIST. 36" WATER MAIN

10 YEAR HGL

1080
1075
1070
1065
1060
1055
1050
1045
1040

MATCHLINE 6

G5
CHEATHAM HILL ROAD
STA 86+70.04, 34.86' RT
FLARED END SECTION
GA. STD. 1120
INV. ELEV.= 1048.36

G2
CHEATHAM HILL ROAD
STA. 89+27.00, 20.99' RT
TOP ELEV.=1066.06
CATCH BASIN
GA STD.1033D (W/RECESSED BOX)
INV. ELEV.=1060.18 (IN)(P43)
INV. ELEV.=1060.18 (OUT)(P44)
HGL=1060.64 -(Q10=1.23 cfs)
H=6.55'
ADD'L DEPTH=0.55'
W2=3.00'

G3
CHEATHAM HILL ROAD
STA. 91+00.00, 17.00' RT
TOP ELEV.=1073.30
CATCH BASIN
GA STD.1033D
INV. ELEV.=1068.46 (IN)(P42)
INV. ELEV.=1068.46 (OUT)(P43)
HGL=1068.93 -(Q10=2.12 cfs)
H=5.51'

18" (P43)
169.00 LF @ 4.89%

18" (P42)
145.00 LF @ 3.99%

EXIST. AT&T LINE

EXIST. WATER LINE

1085
1080
1075
1070
1065
1060
1055
1050
1045
1040

MATCHLINE 7

SEE SHEET 22-0006

SEE SHEET 38-0004 FOR SPECIAL DESIGN RECESSED CATCH BASIN DETAIL

7/31/2015 SUXEN

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES
SYSTEM F & G
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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22-0005

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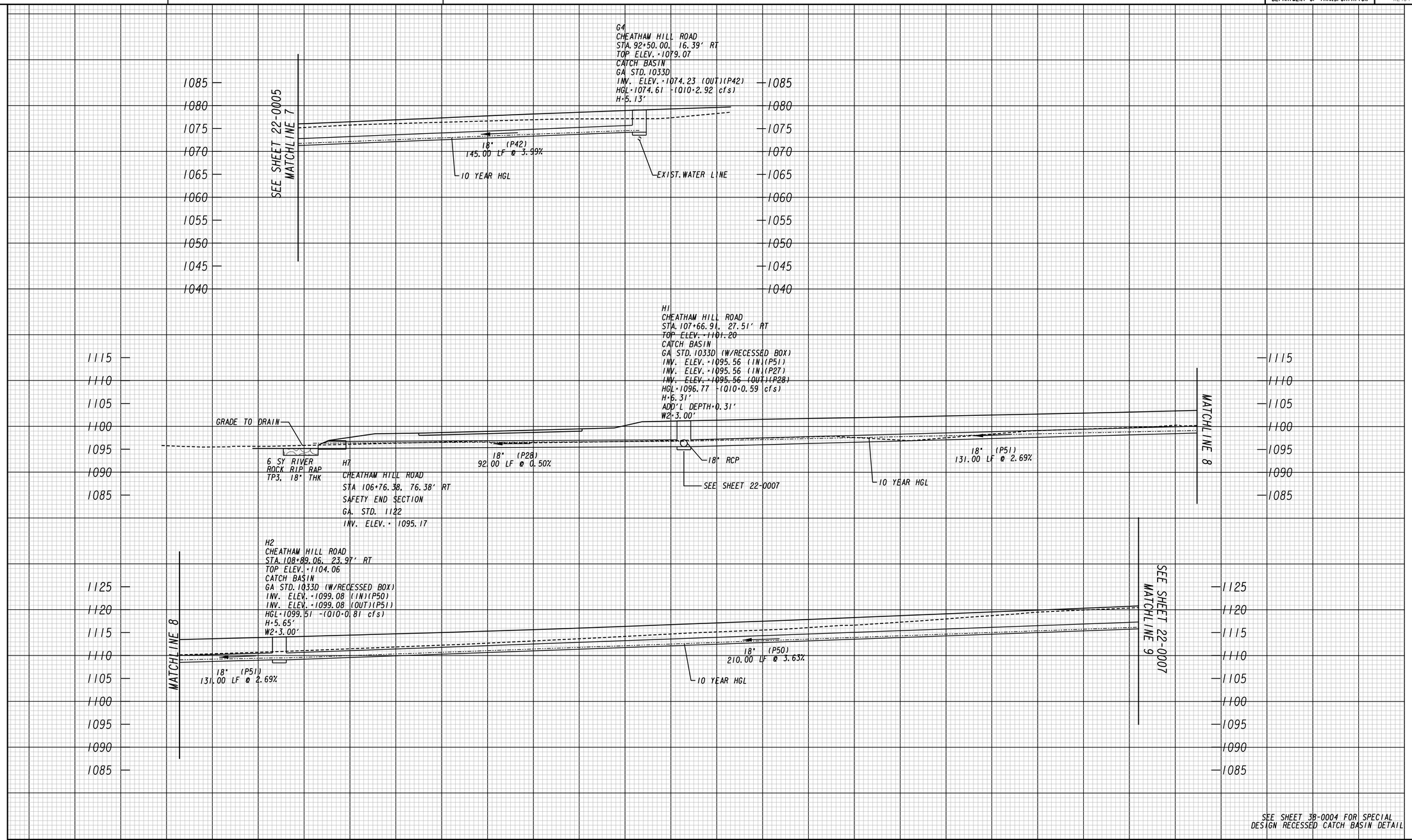

SEE SHEET 38-0004 FOR SPECIAL DESIGN RECESSED CATCH BASIN DETAIL

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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1 INCH = 10 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES
SYSTEM G & H
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
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VERIFIED:		DATE:		

7/31/2015 SUXEN

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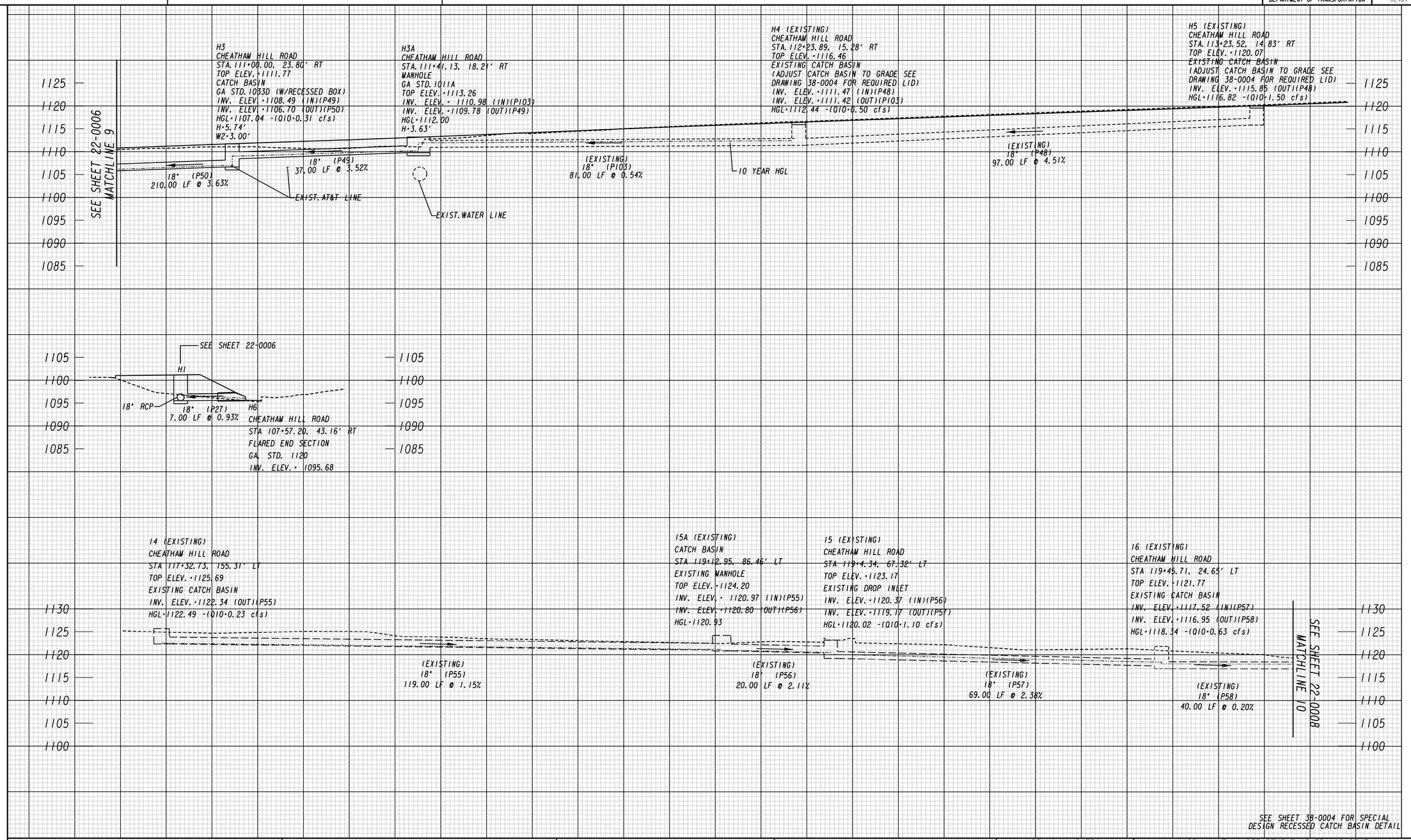

SEE SHEET 38-0004 FOR SPECIAL DESIGN RECESSED CATCH BASIN DETAIL

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES
SYSTEM H & I
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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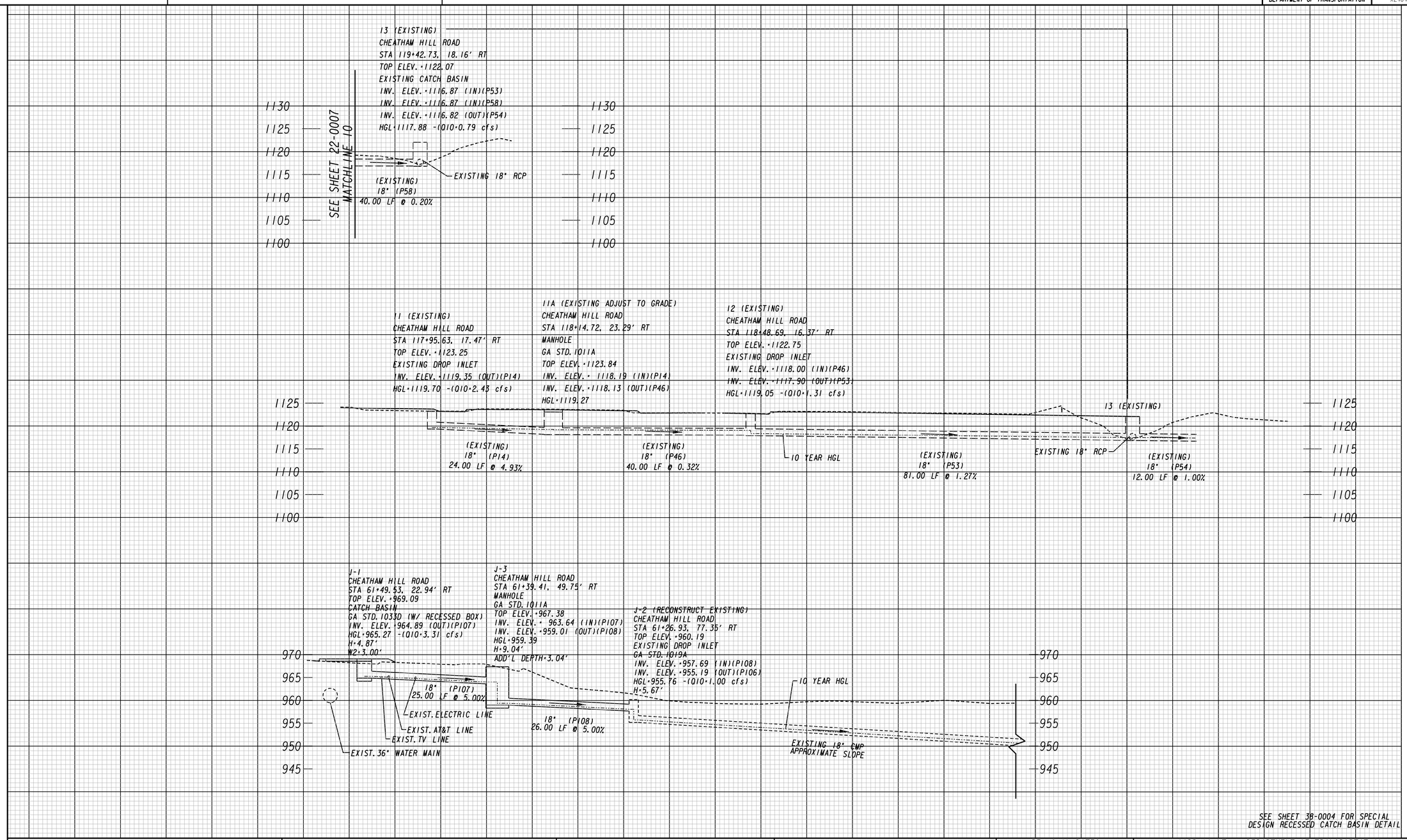
7/31/2015 SUXEN



SEE SHEET 38-0004 FOR SPECIAL
DESIGN RECESSED CATCH BASIN DETAIL

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES
SYSTEM I & J
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No.
22-0008

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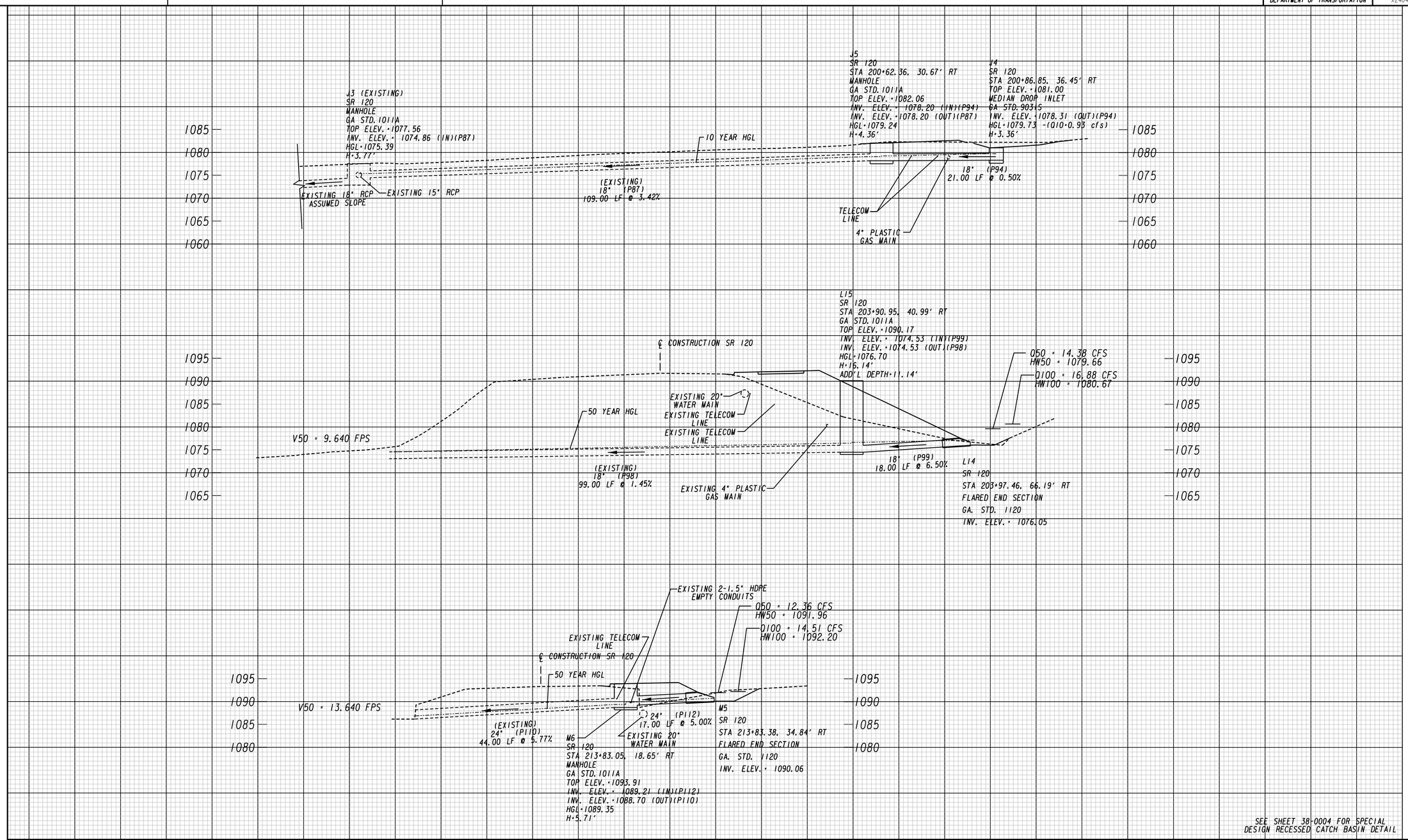

SEE SHEET 38-0004 FOR SPECIAL DESIGN RECESSED CATCH BASIN DETAIL

SR 120/WHITLOCK AVE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES
SYSTEM J, L & M
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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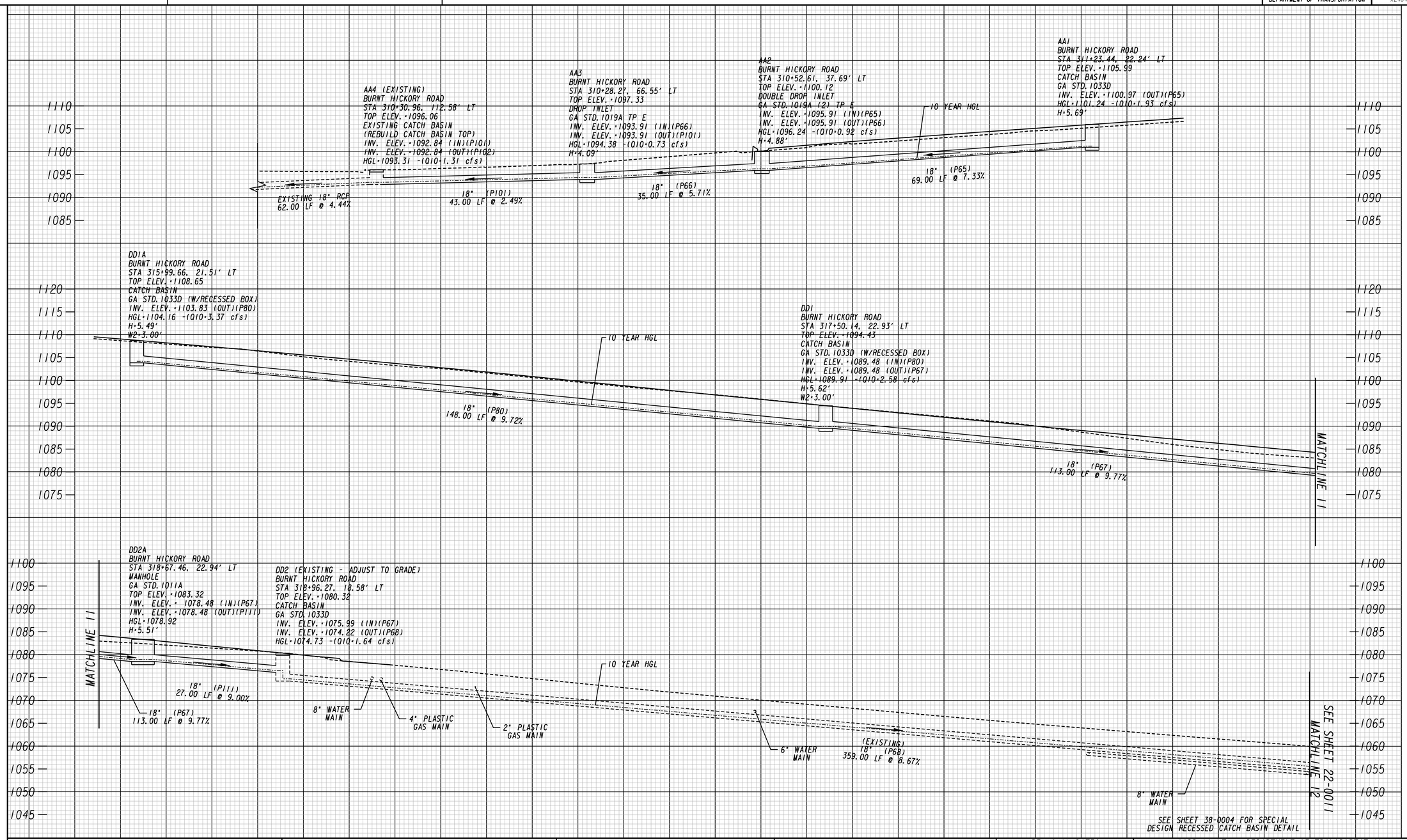
COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404



BURNT HICKORY RD

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES
SYSTEM AA & DD
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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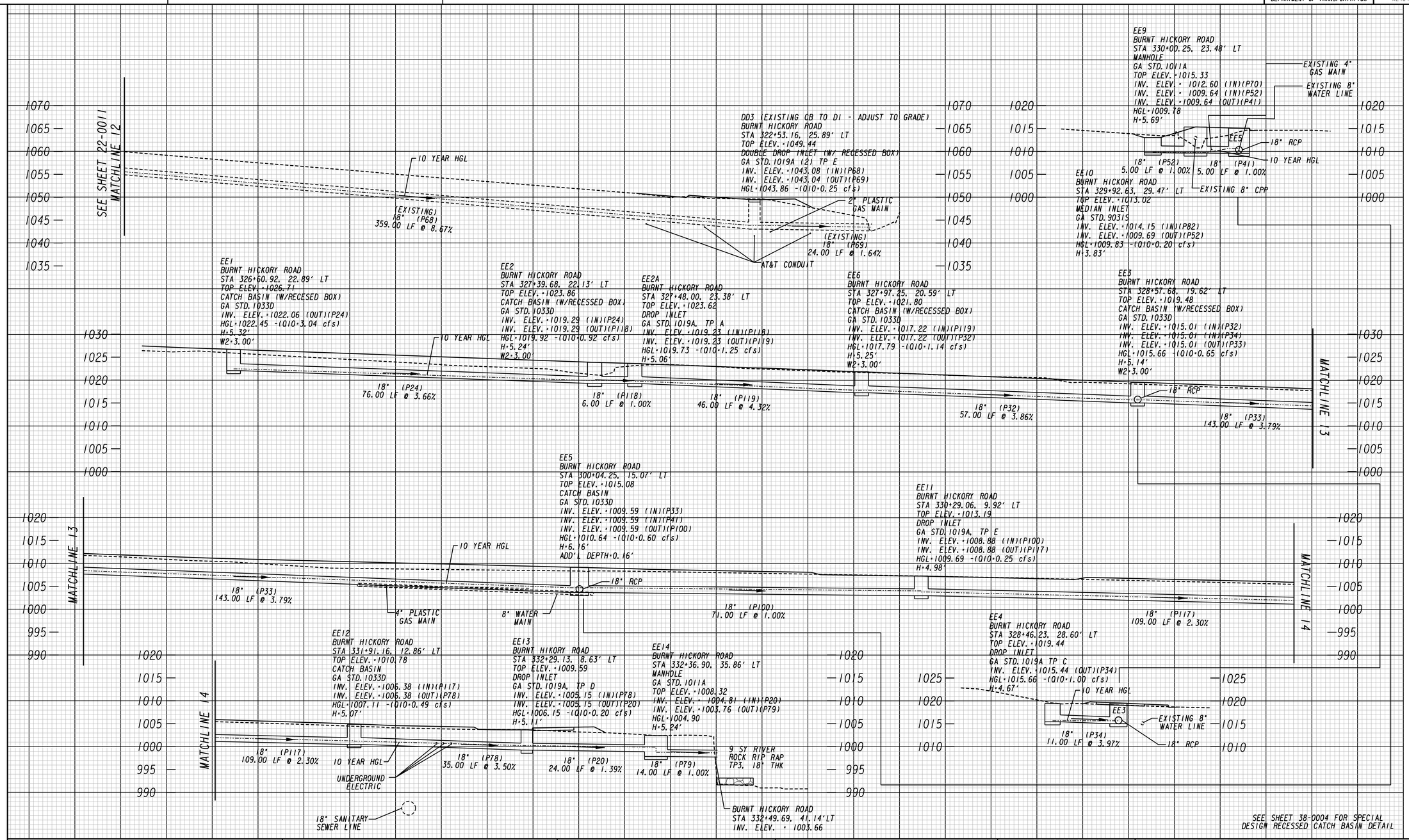

BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES

SYSTEM DD & EE

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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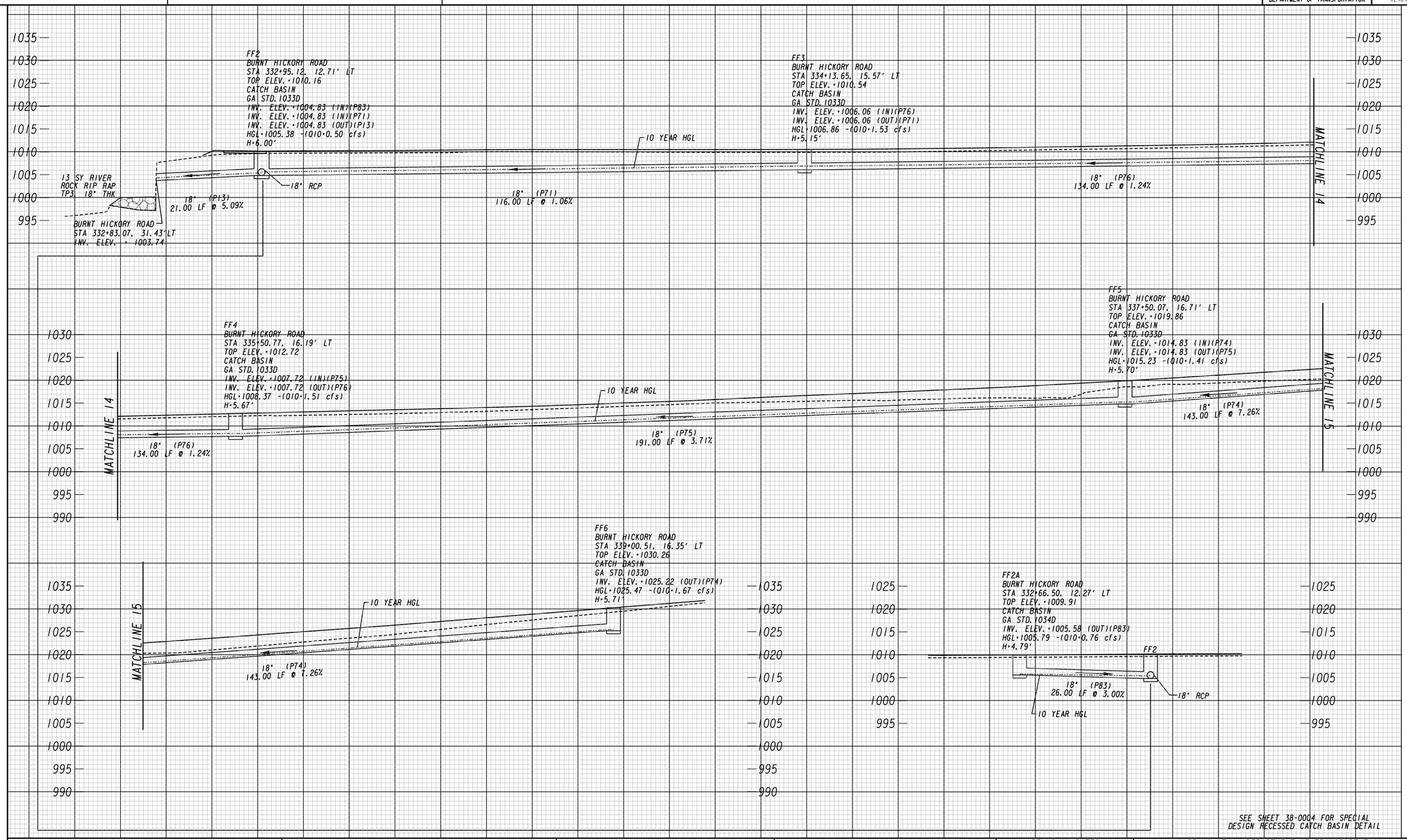

BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES
SYSTEM FF
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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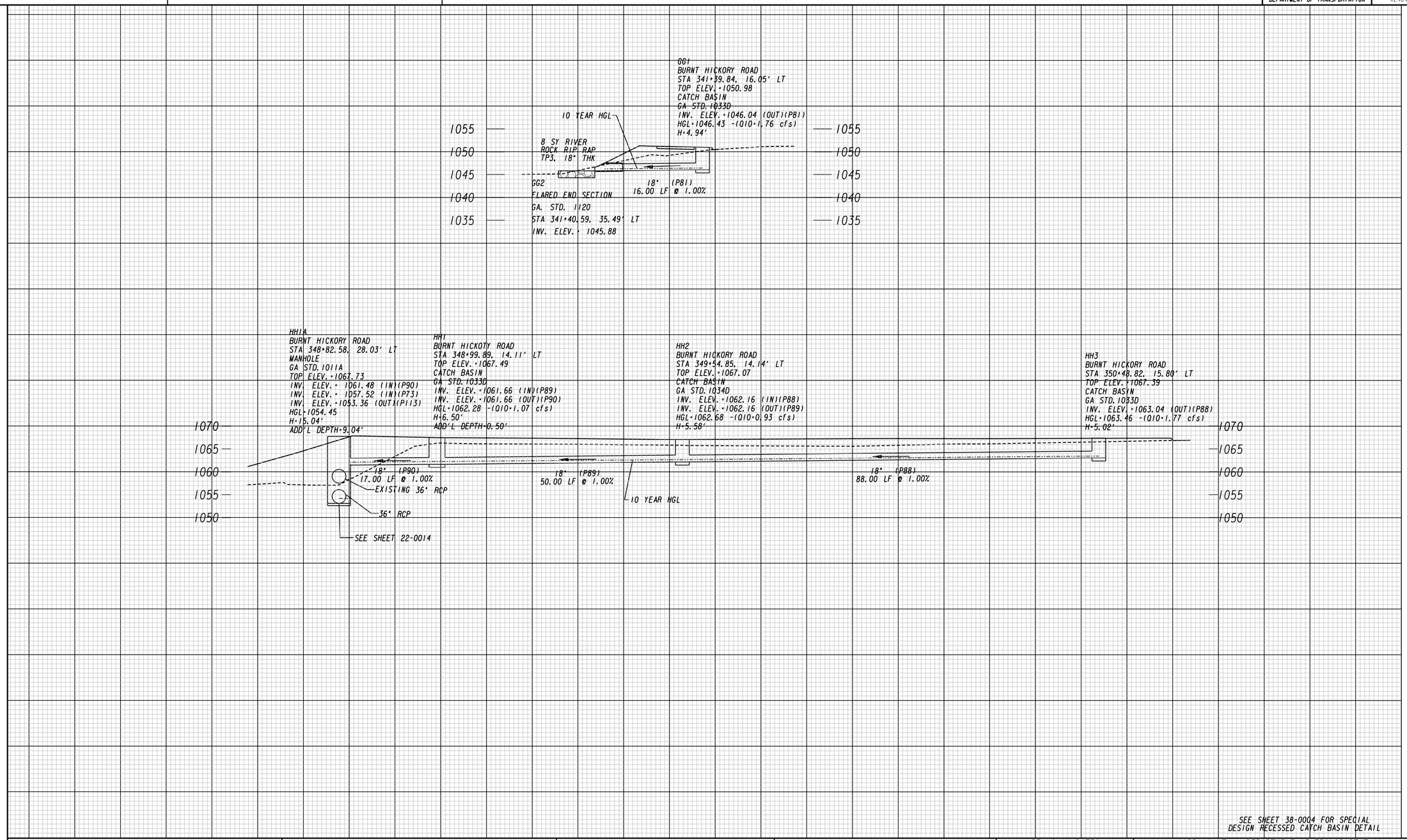
7/31/2015 SUXEN



SEE SHEET 38-0004 FOR SPECIAL DESIGN RECESSED CATCH BASIN DETAIL

7/31/2015 SUXEN

BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES

SYSTEM GG & HH

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No.
22-0013

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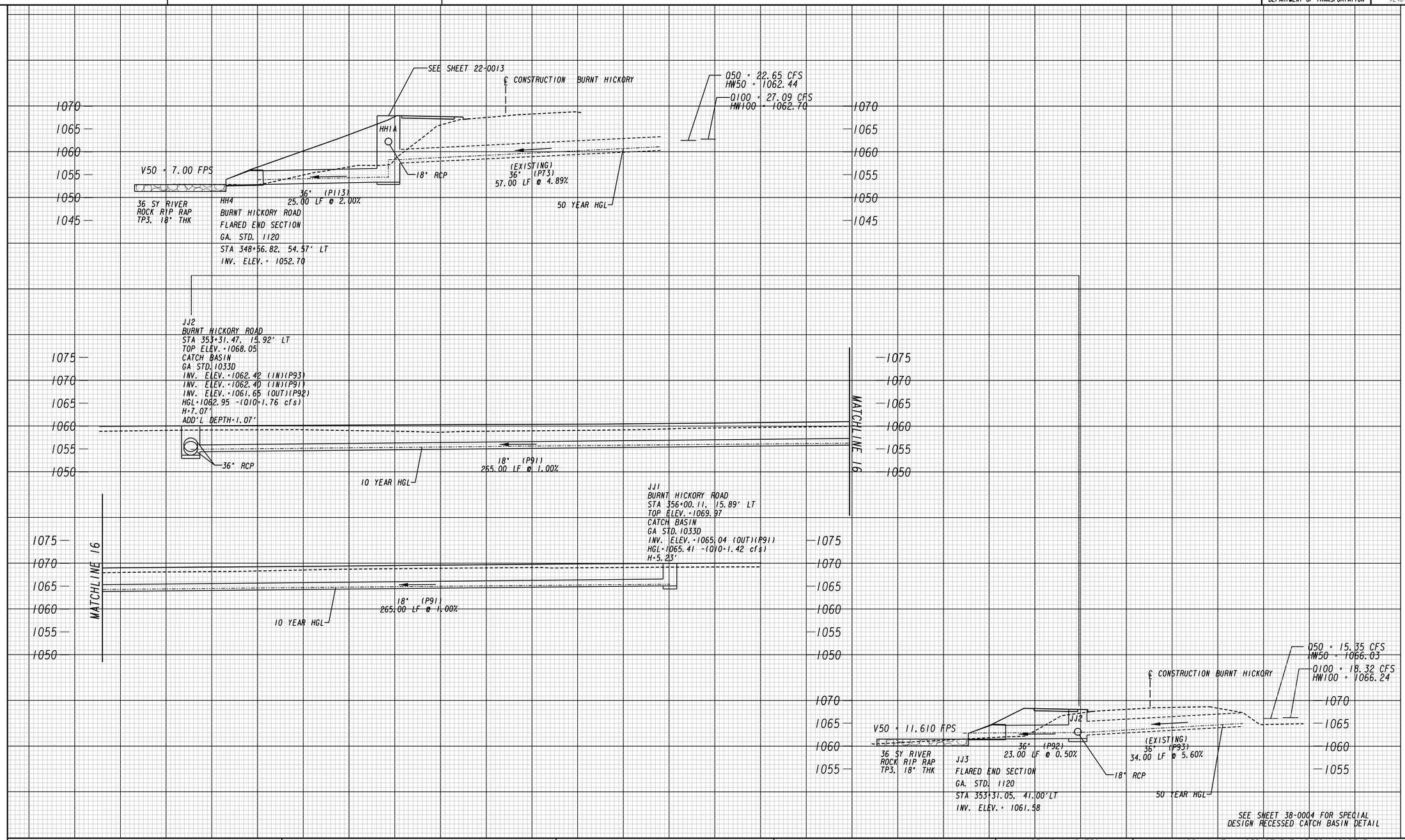

7/31/2015 SUXEN

BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

DRAINAGE PROFILES

SYSTEM HH & JJ

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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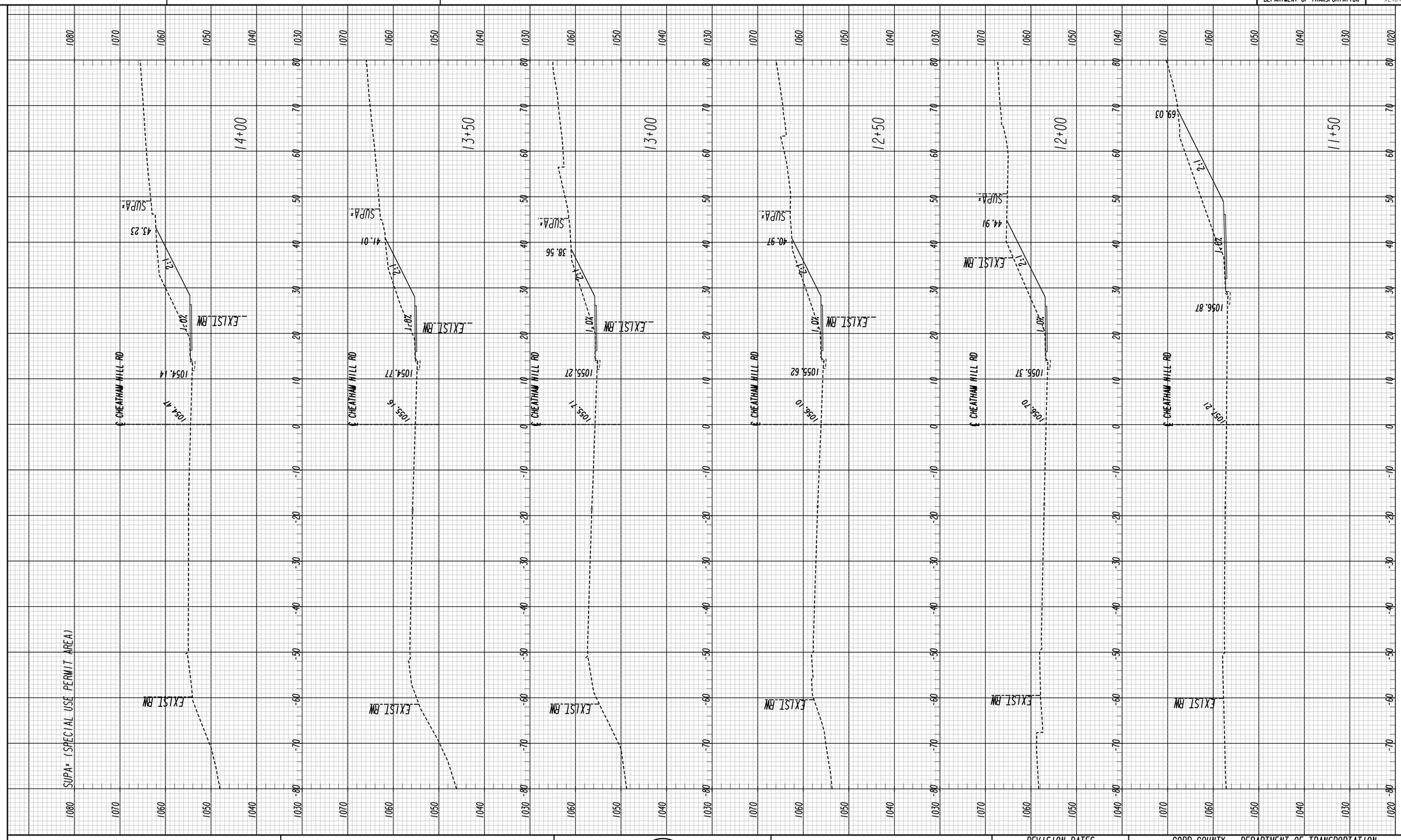
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P. I. No. X2404



CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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VERIFIED:		DATE:		

7/31/2015 SUXEN

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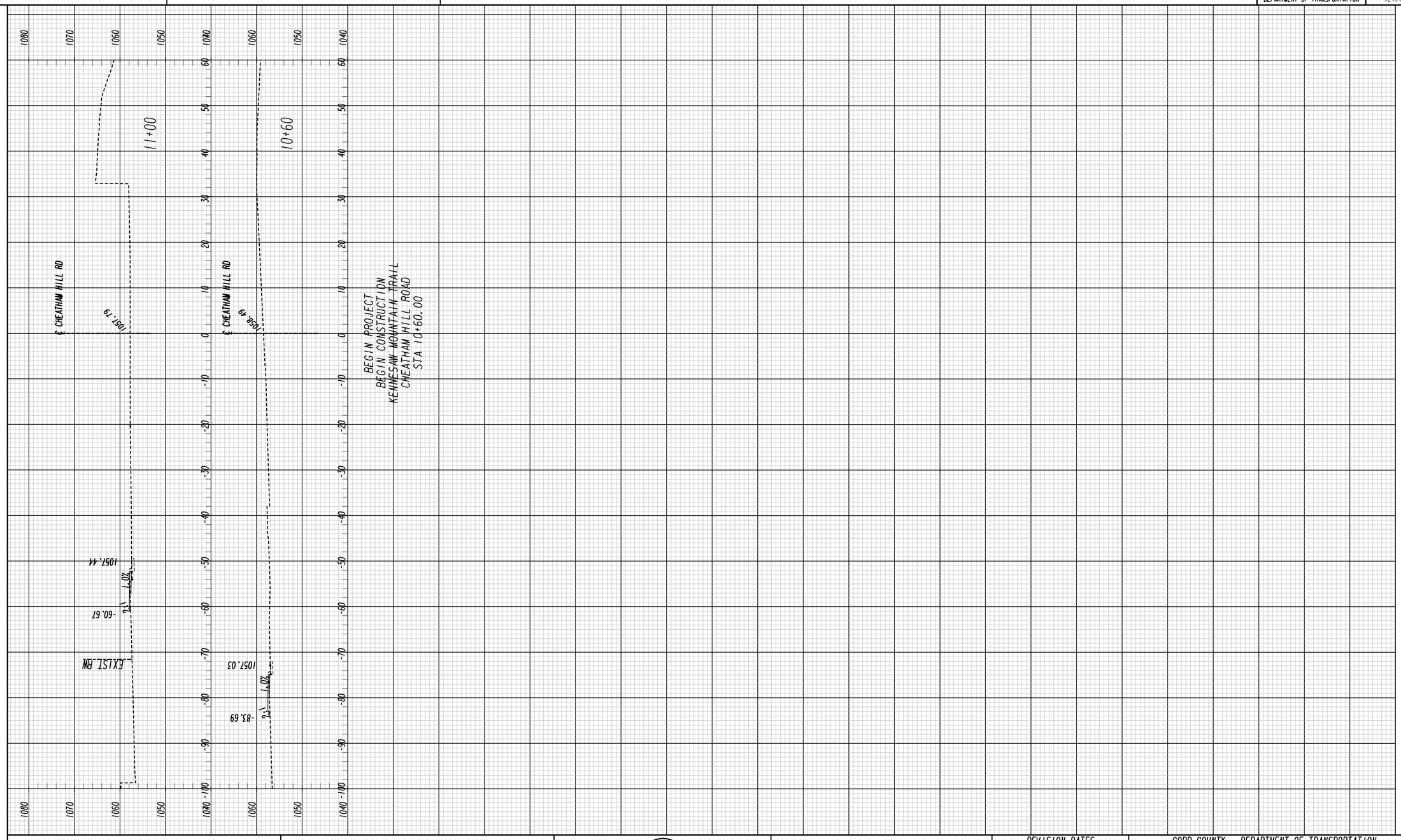
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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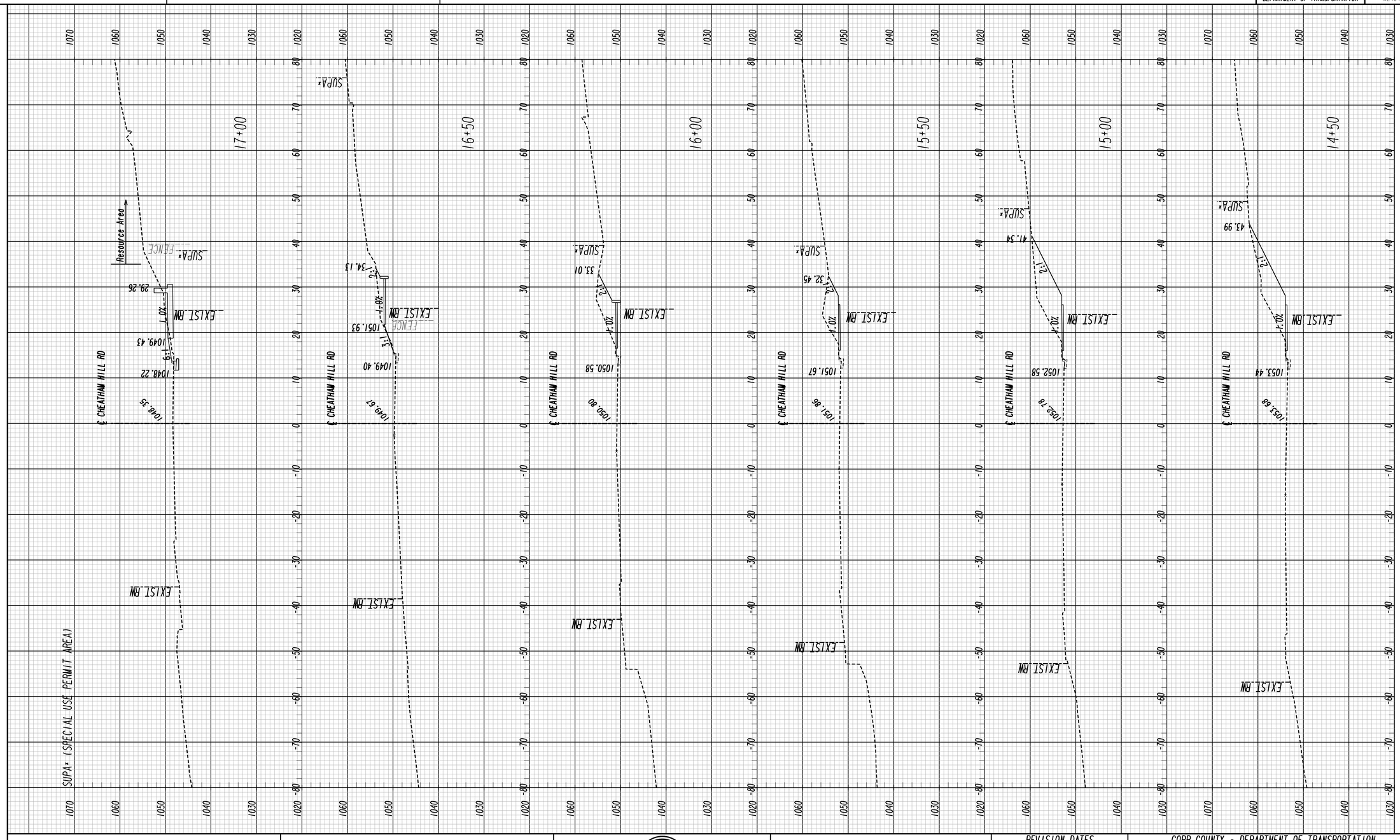
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

P.I. No. X2404



CHEATHAM HILL RD

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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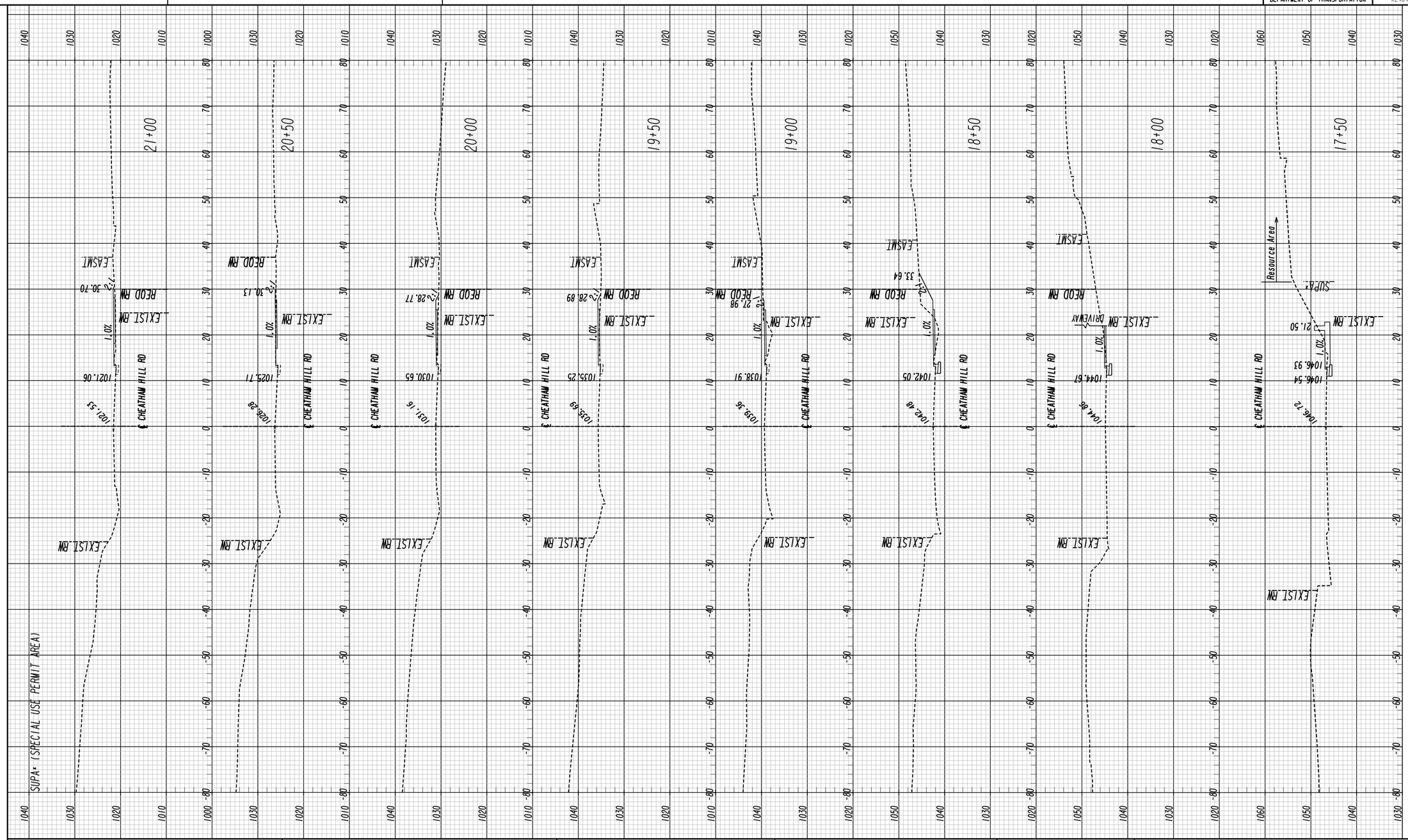
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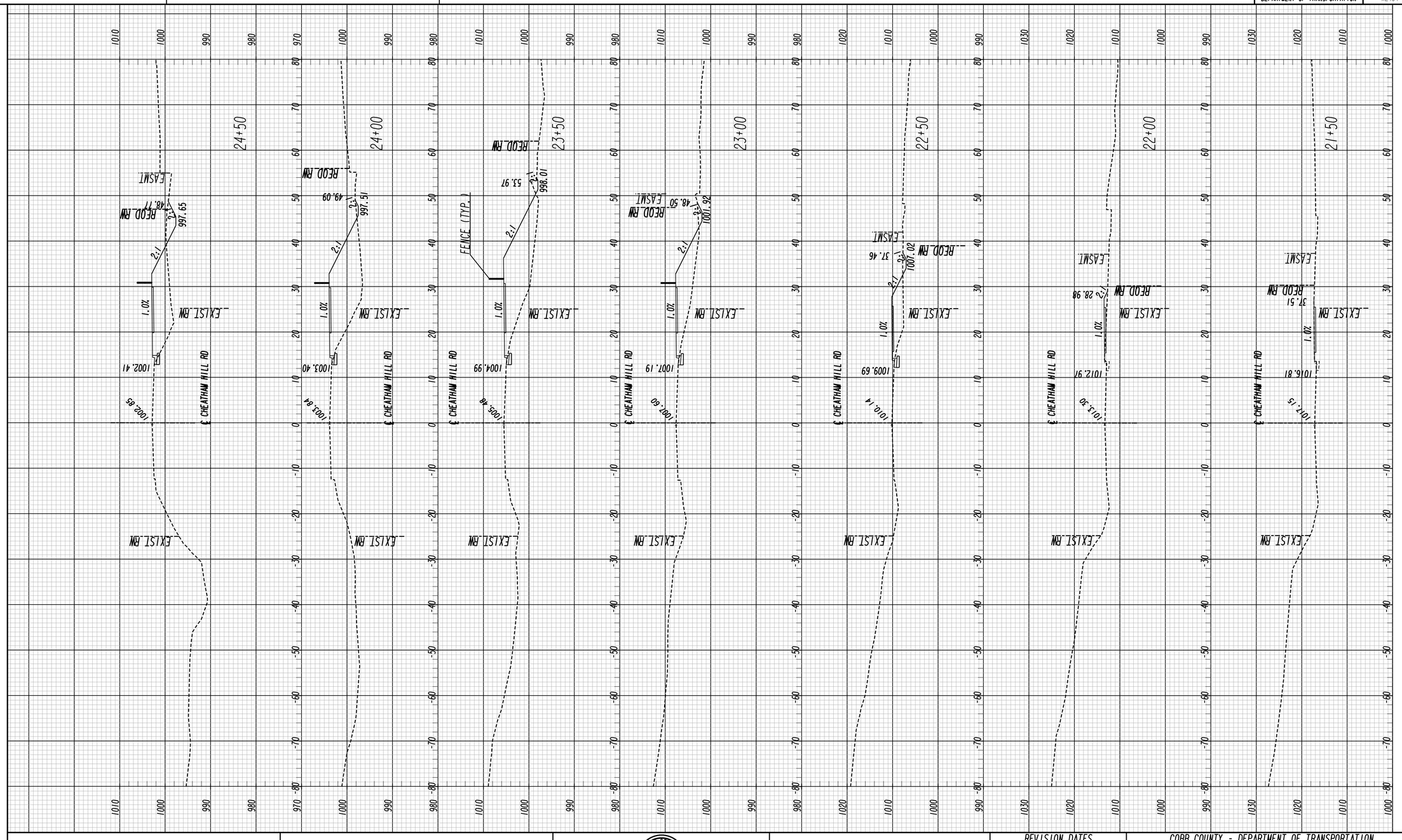
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



CHEATHAM HILL RD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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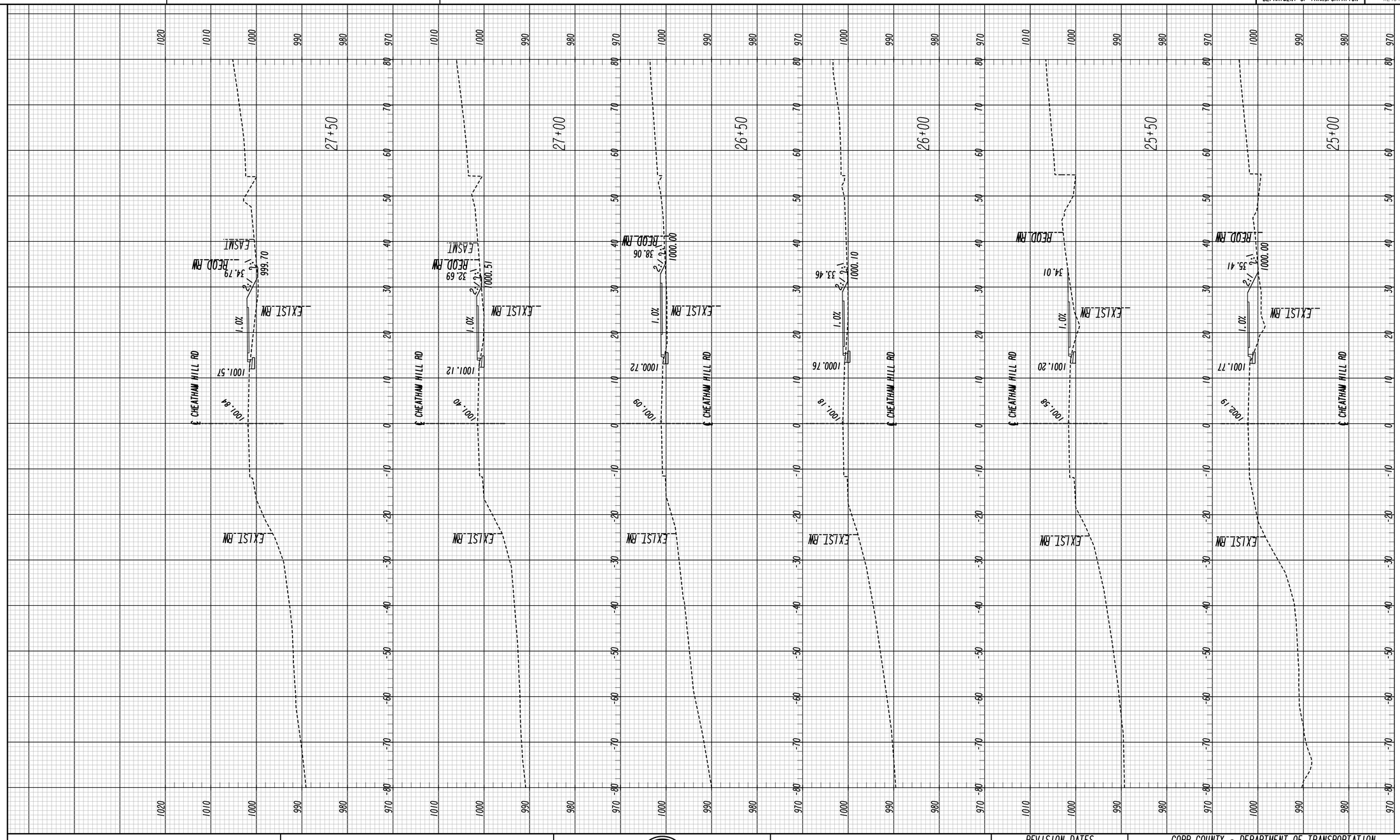

CHEATHAM HILL RD

SCALE:
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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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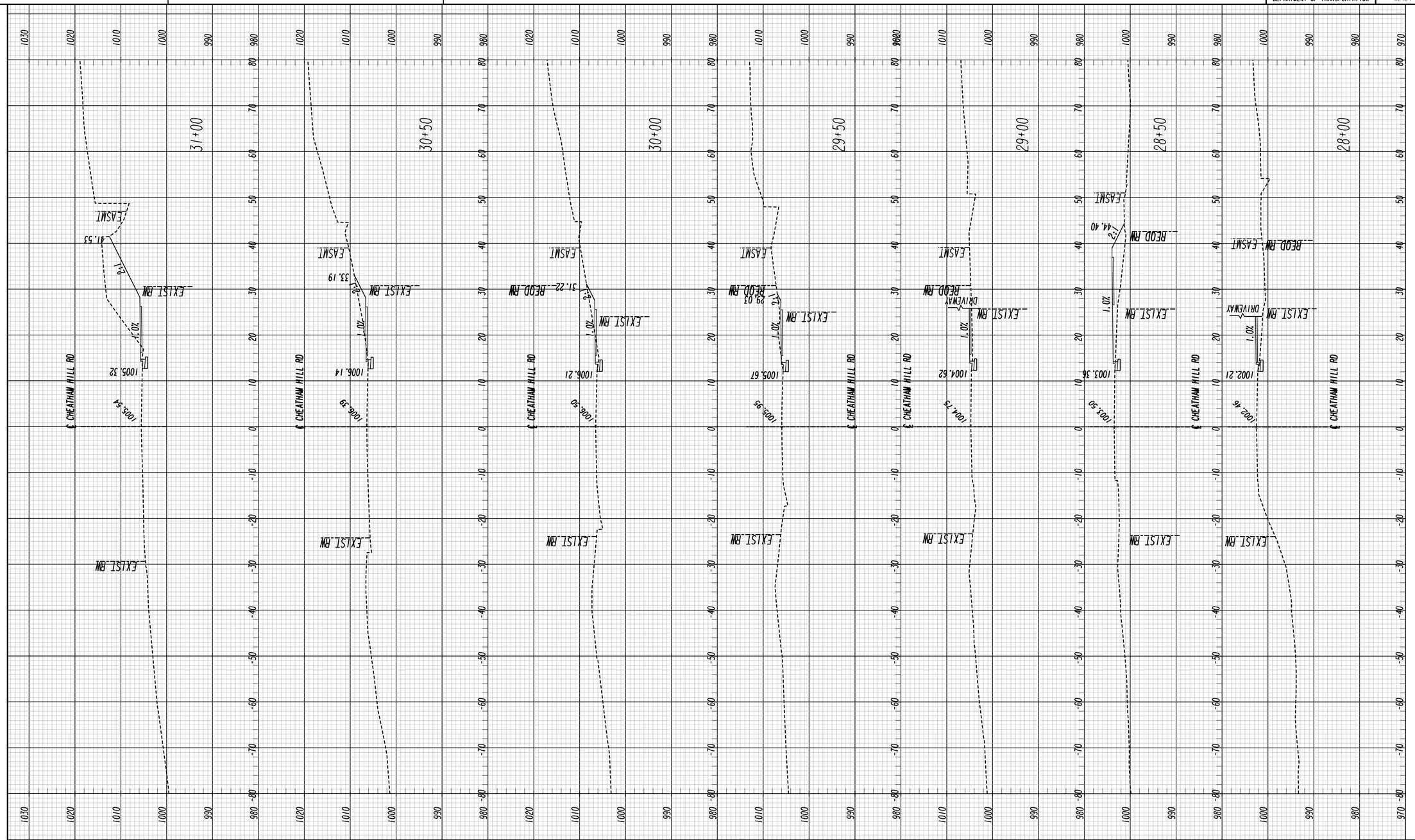

CHEATHAM HILL RD

SCALE:
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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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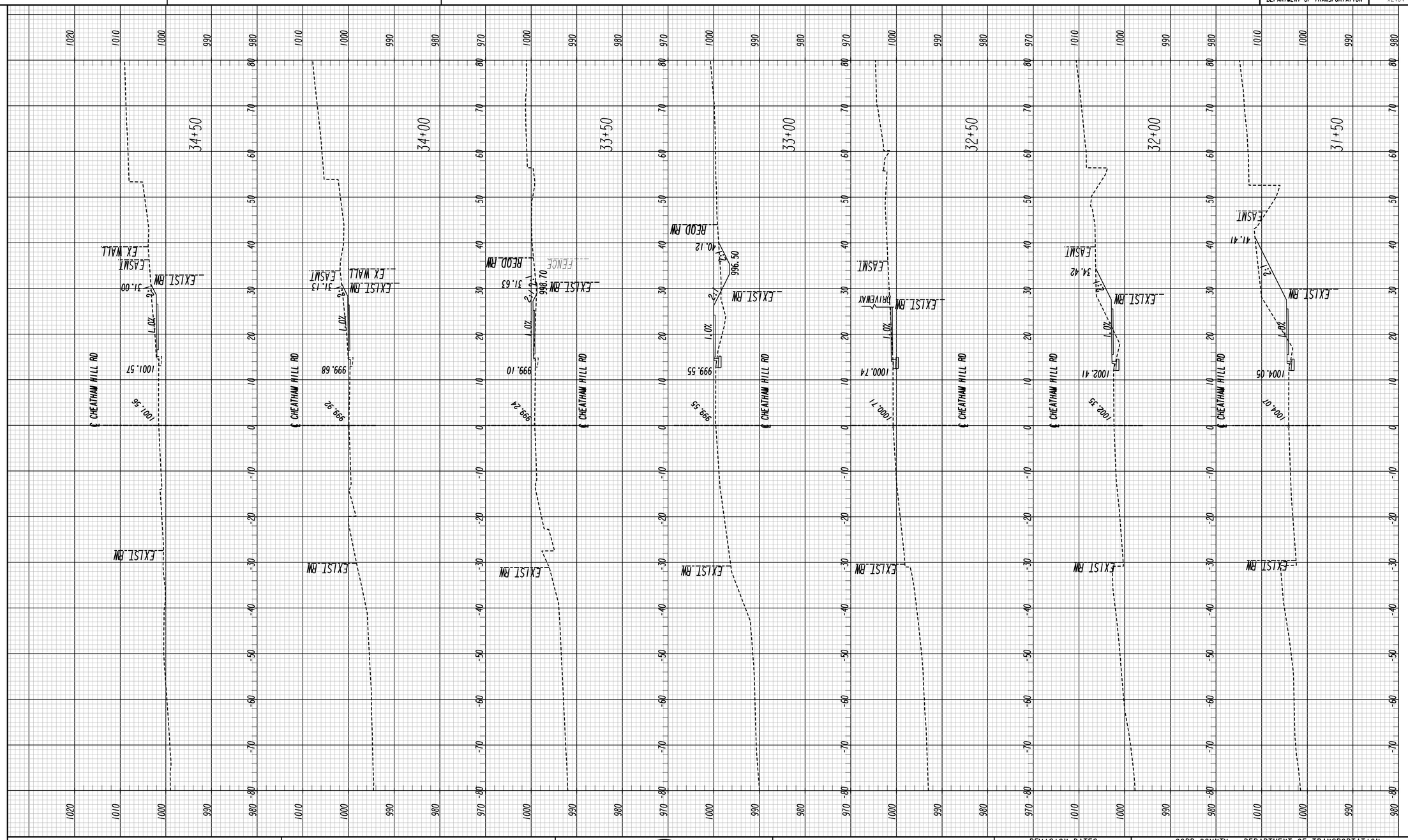
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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

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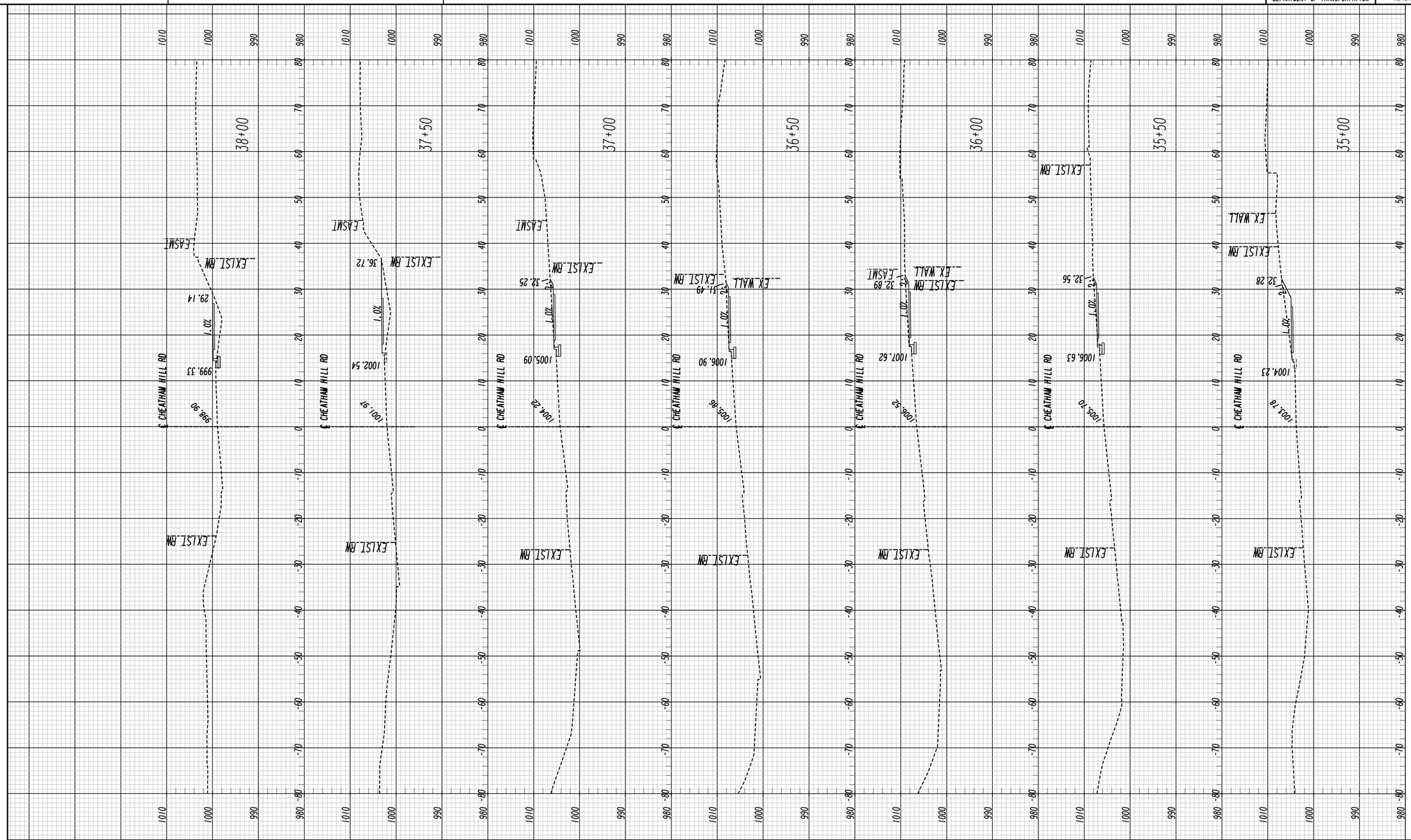

CHEATHAM HILL RD

SCALE:
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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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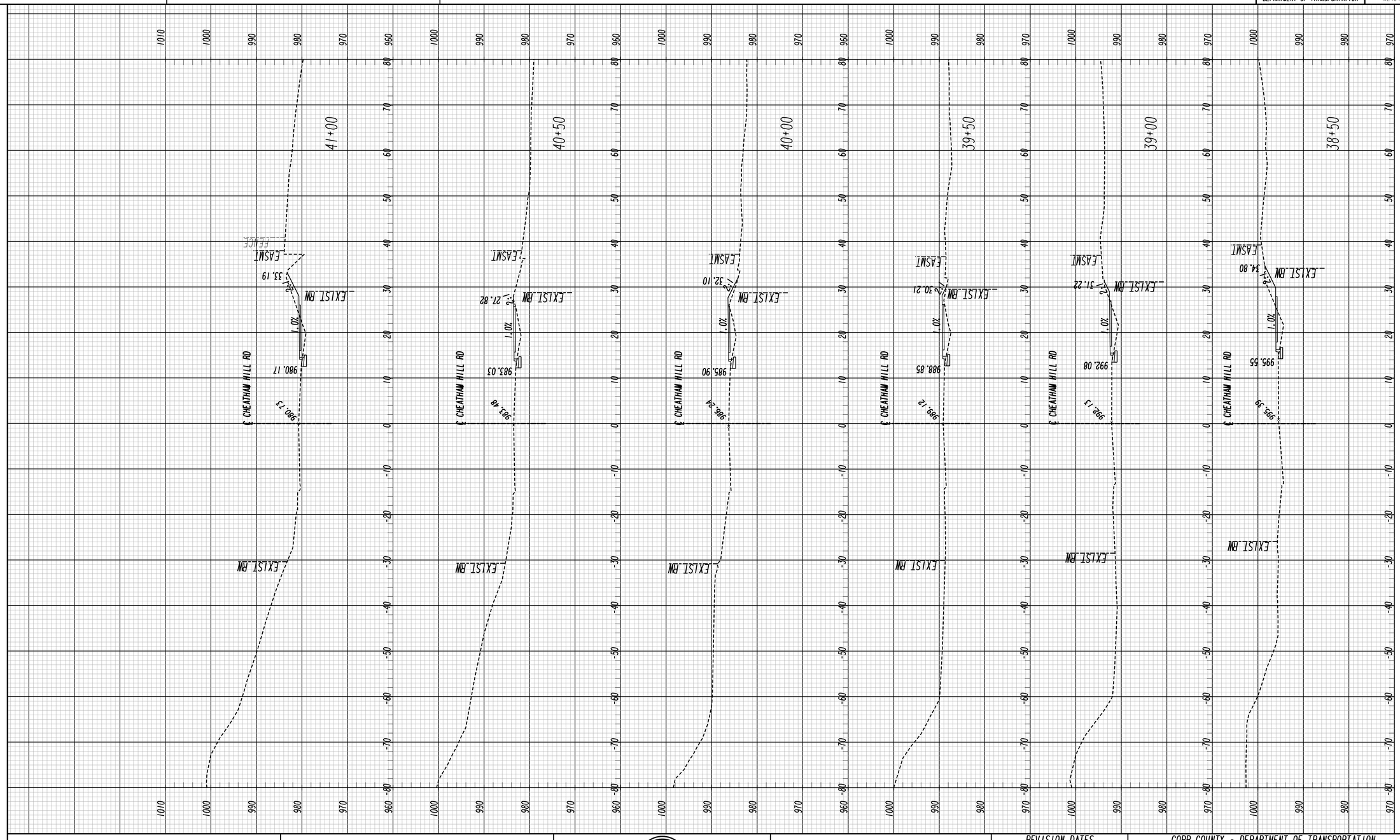

CHEATHAM HILL RD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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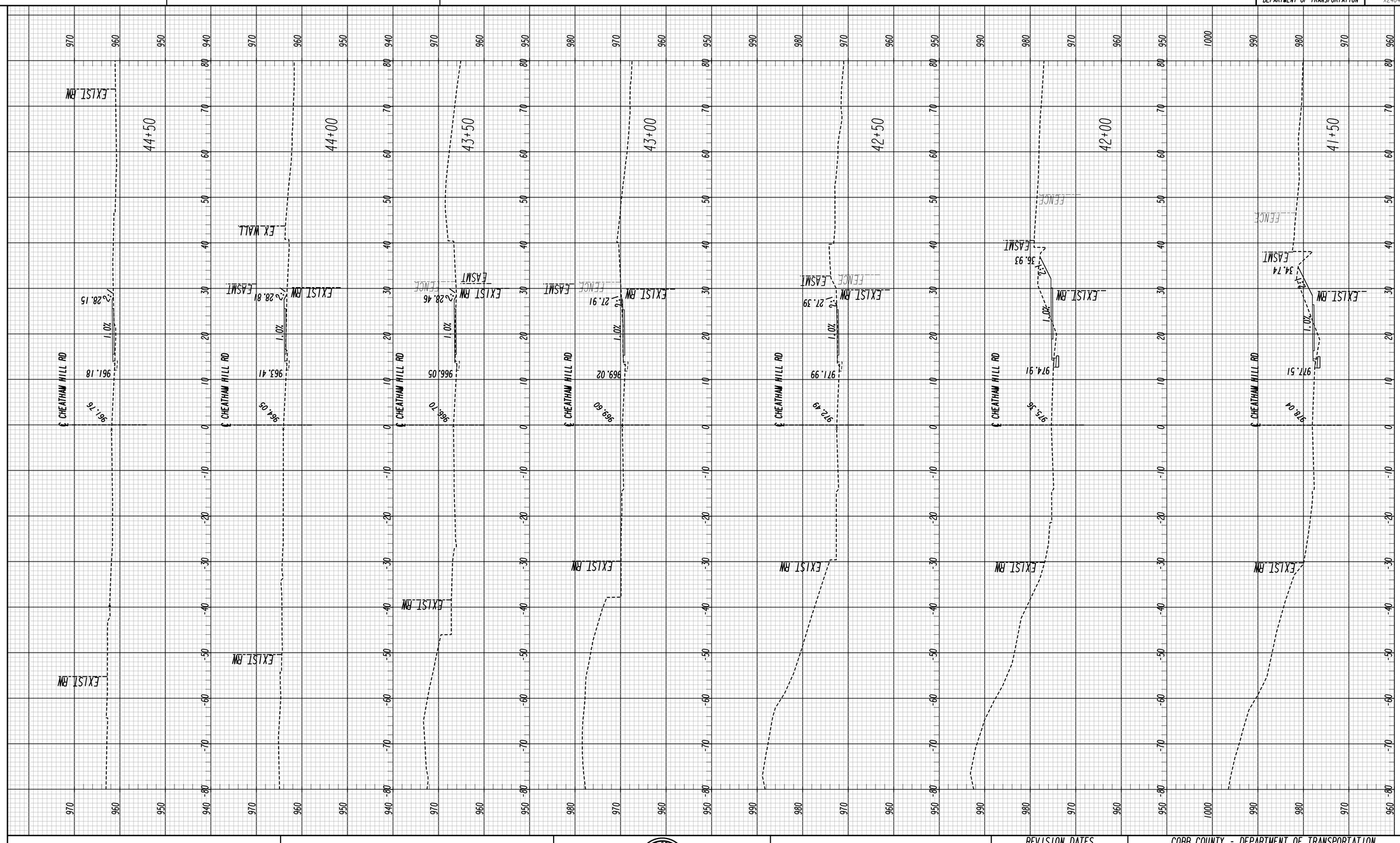

	CHEATHAM HILL RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.	REVISION DATES	COBB COUNTY - DEPARTMENT OF TRANSPORTATION CROSS SECTIONS KENNESAW MTN PEDESTRIAN IMPROVEMENTS CHECKED: DATE: BACKCHECKED: DATE: CORRECTED: DATE: VERIFIED: DATE: DRAWING No. 23-0010

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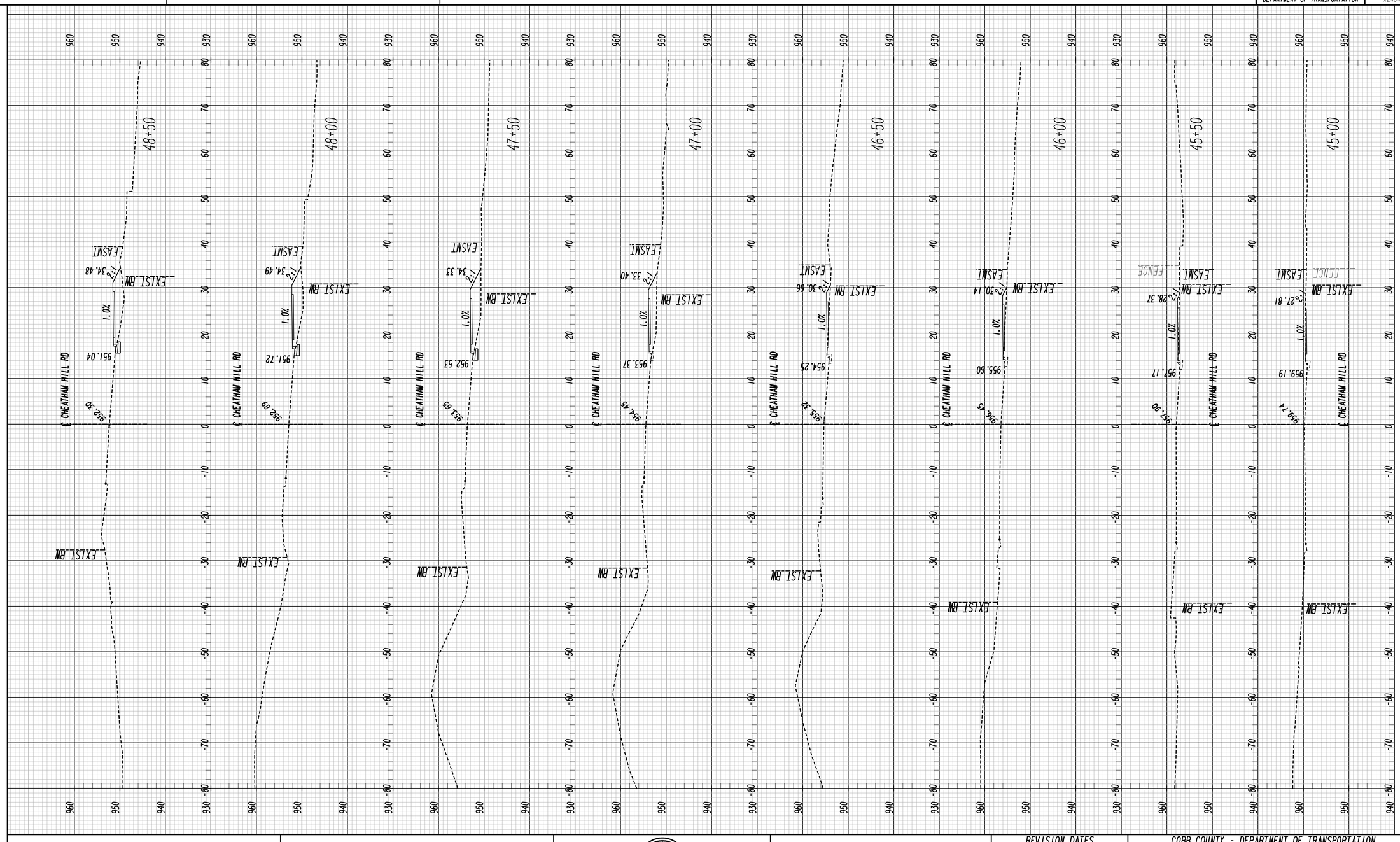
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



	CHEATHAM HILL RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.	REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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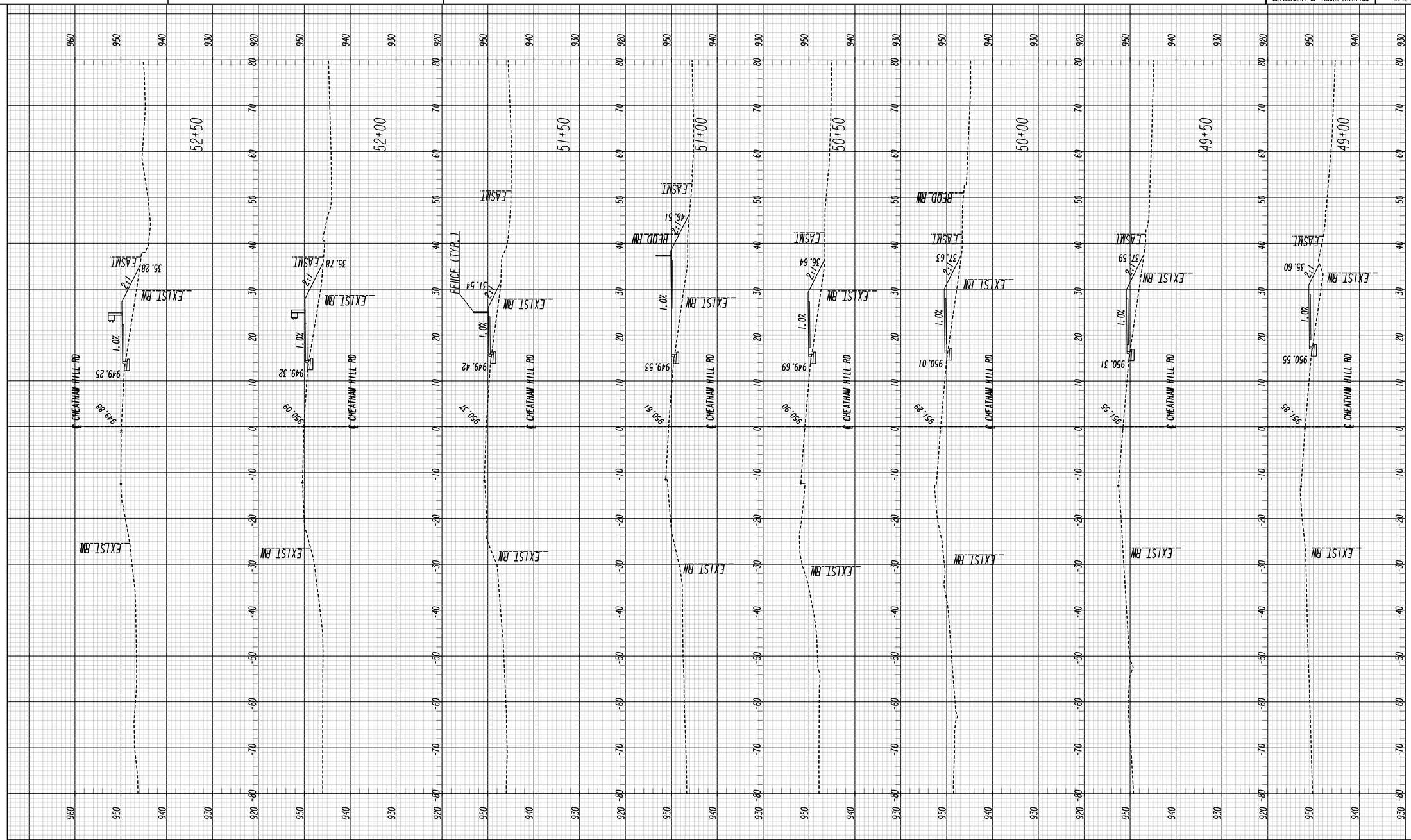

	CHEATHAM HILL RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.	REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

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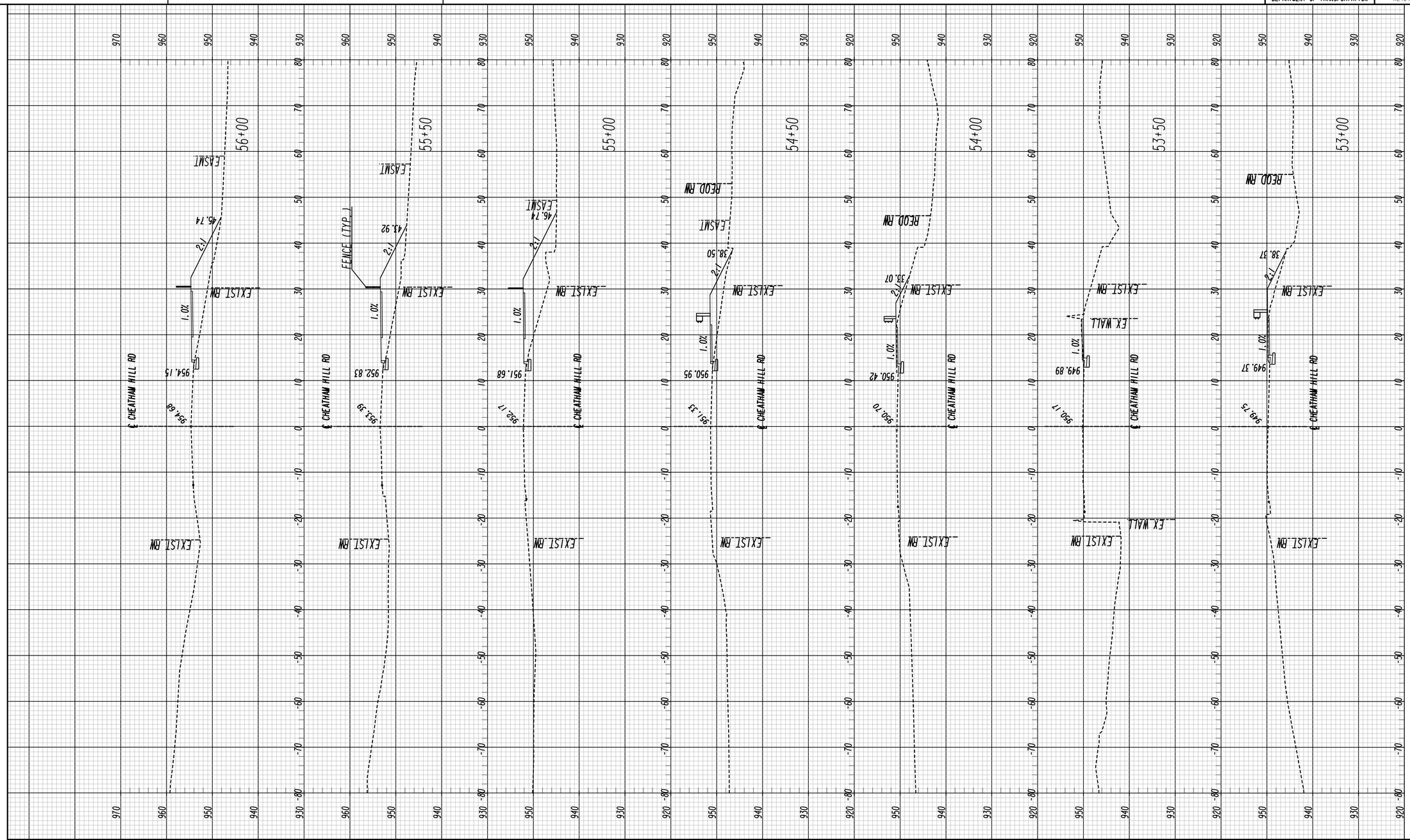
X2404



	CHEATHAM HILL RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.	REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

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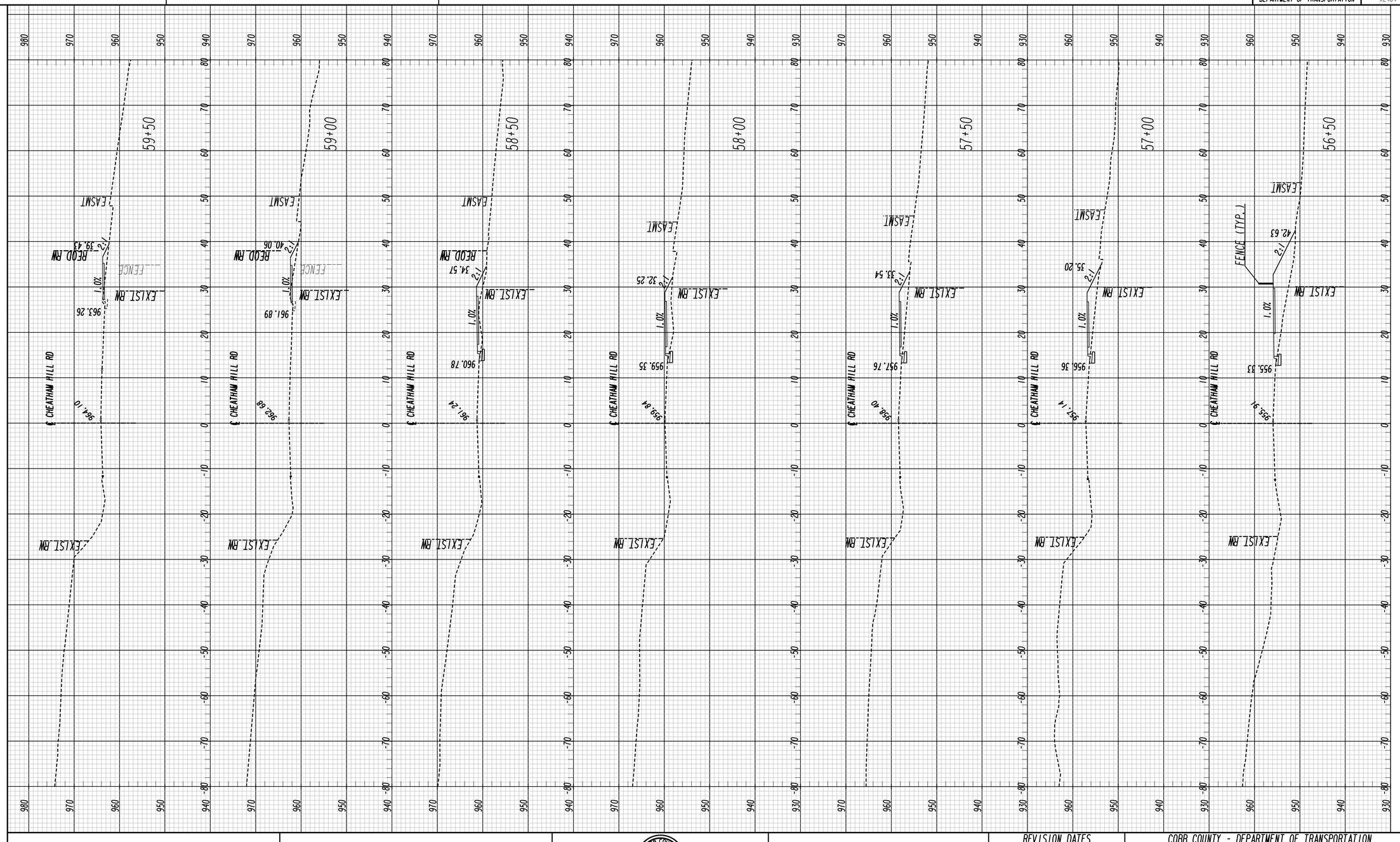

	CHEATHAM HILL RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.	REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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COBB COUNTY DEPARTMENT OF TRANSPORTATION

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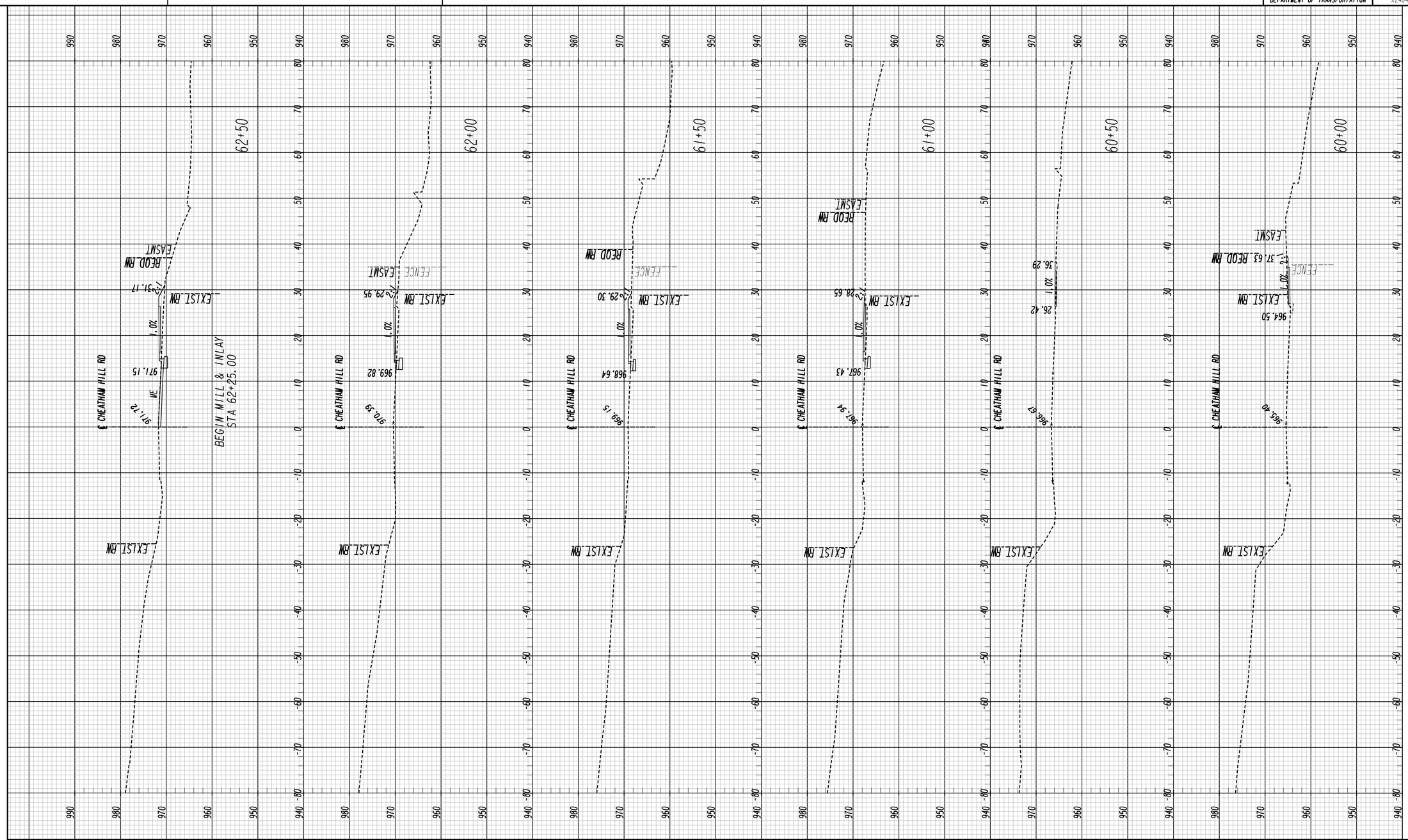

CHEATHAM HILL RD

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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COBB COUNTY DEPARTMENT OF TRANSPORTATION

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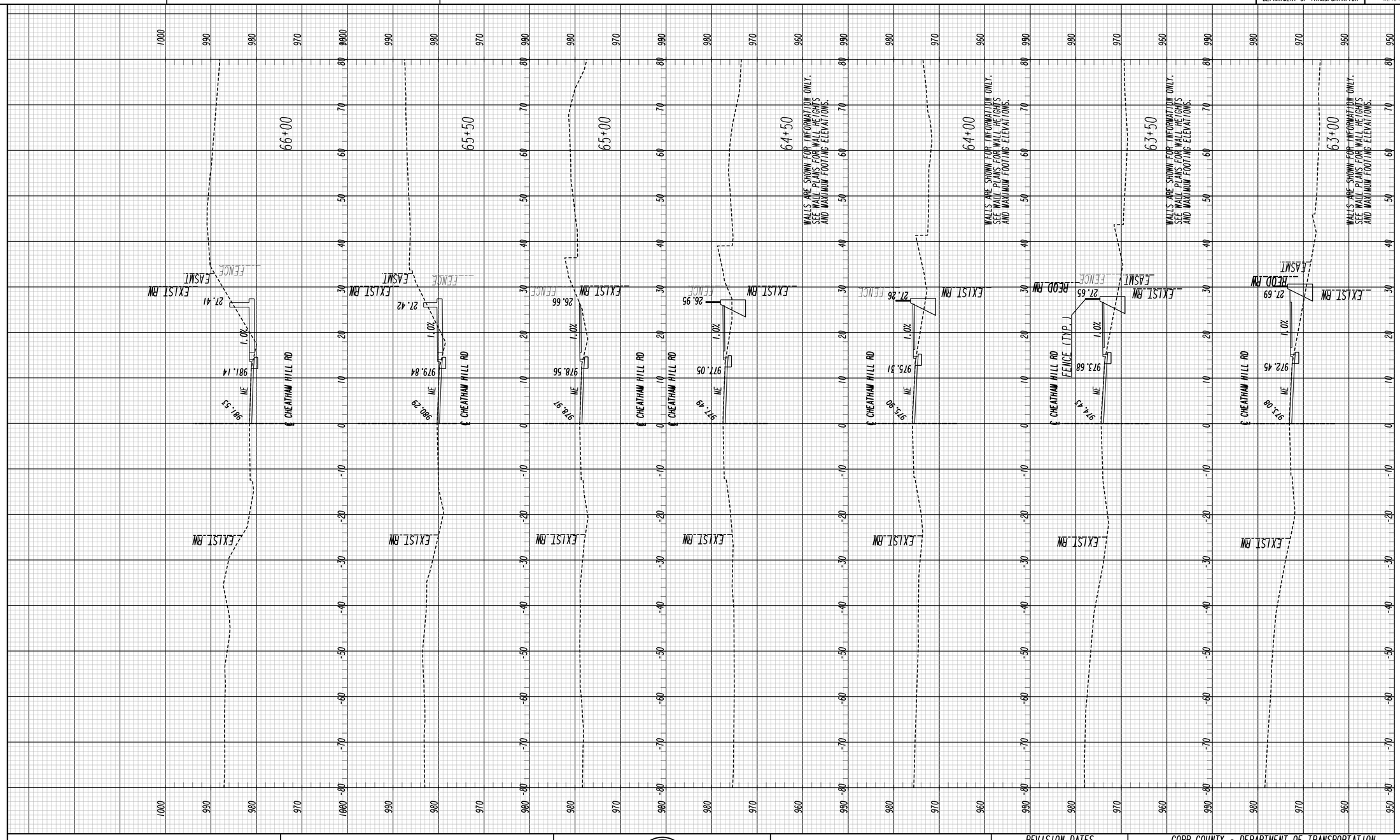

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 SUXEN

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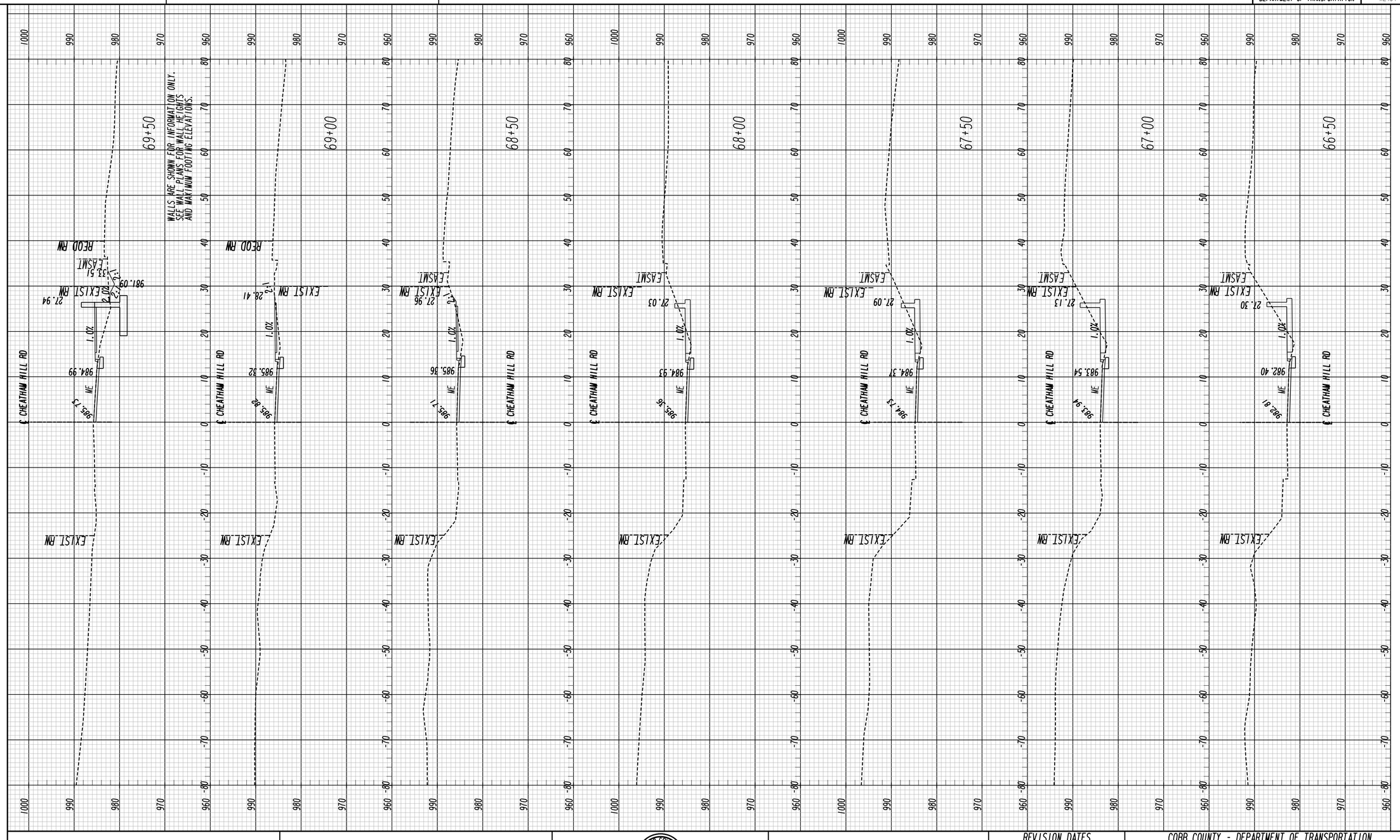
COBB COUNTY DEPARTMENT OF TRANSPORTATION

P.I. No. X2404

WALLS ARE SHOWN FOR INFORMATION ONLY.
SEE WALL PLANS FOR WALL HEIGHTS
AND MAXIMUM FOOTING ELEVATIONS.



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(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 SUXEN

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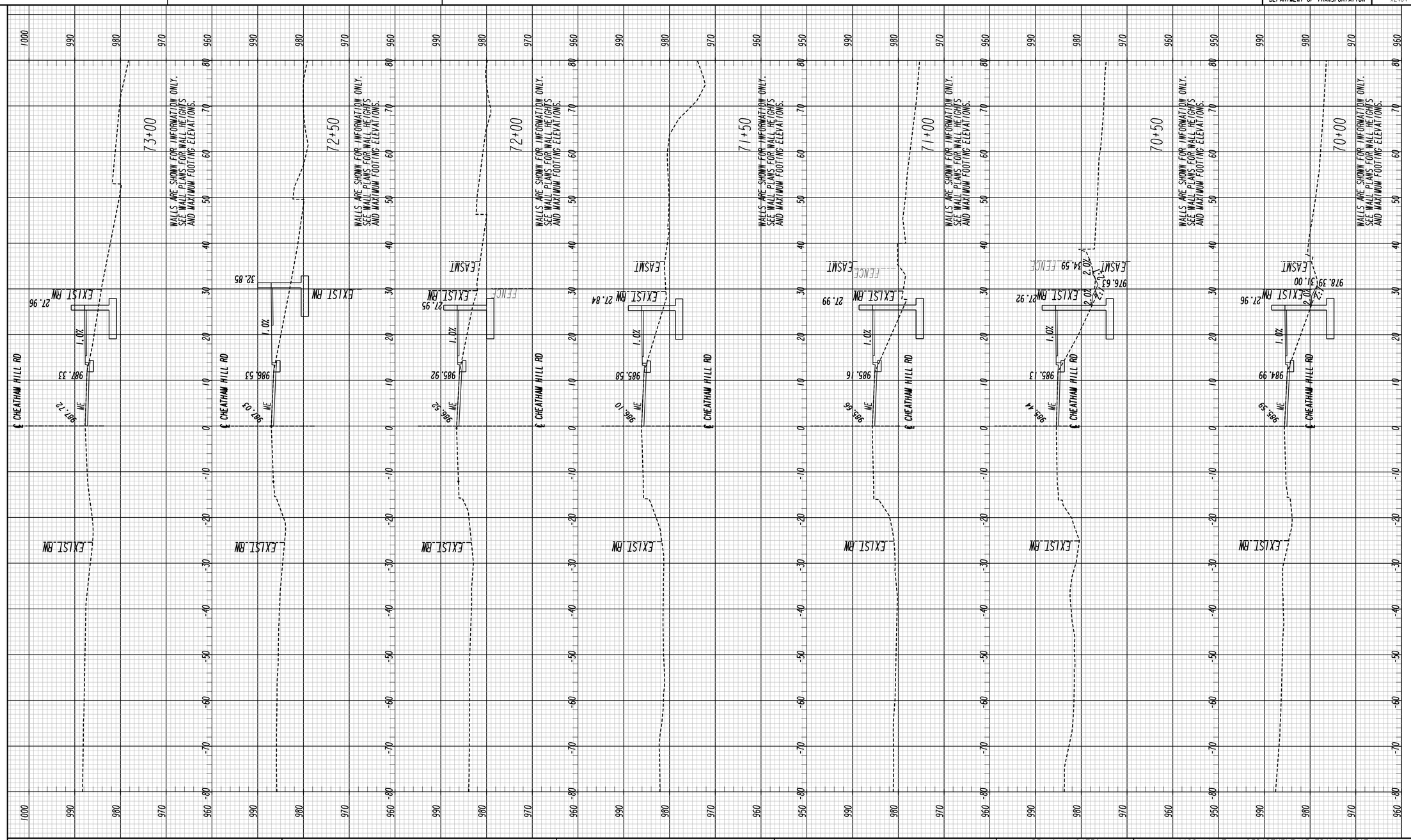

7/31/2015 SUXEN	CHEATHAM HILL RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.	REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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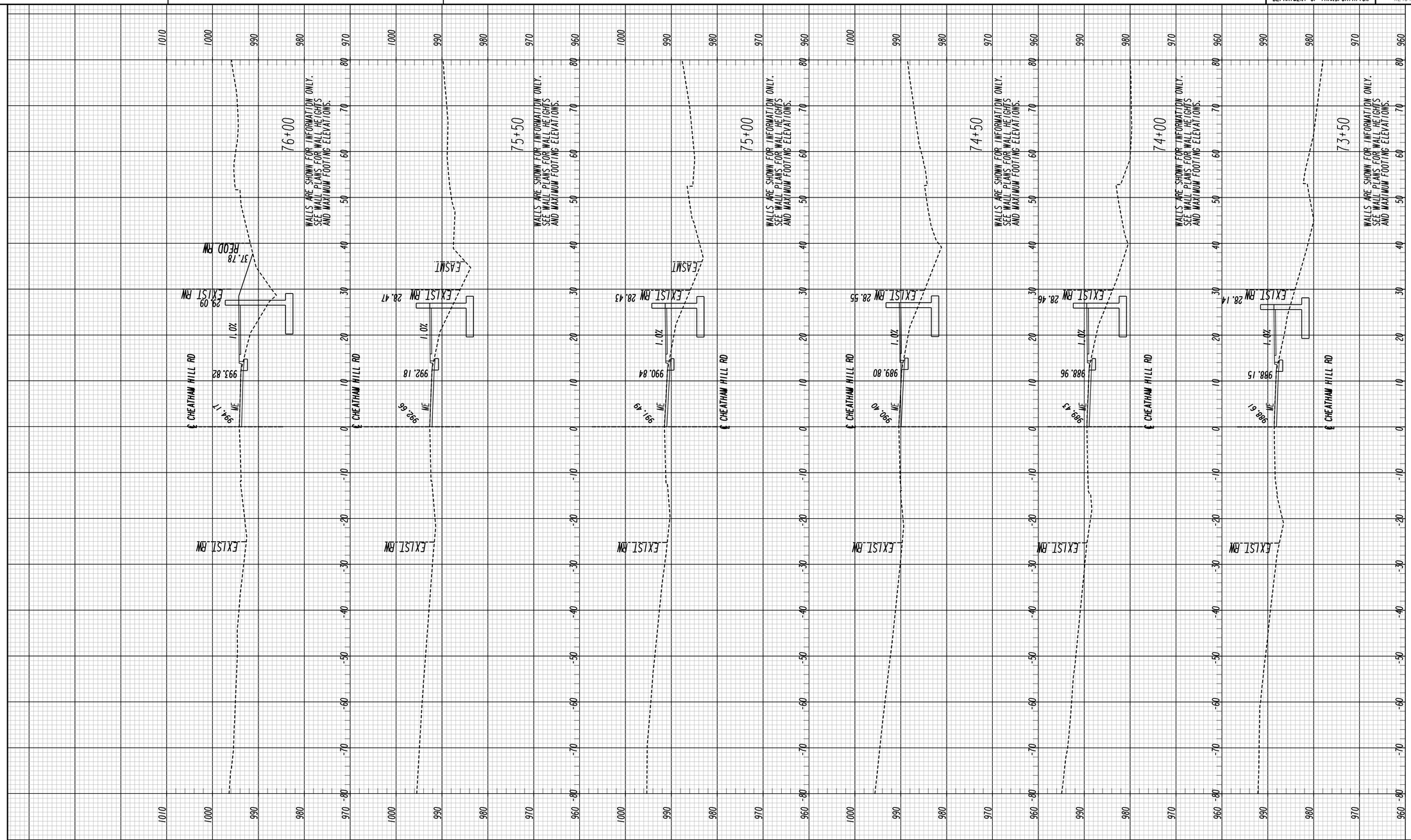
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P. I. No. X2404



	CHEATHAM HILL RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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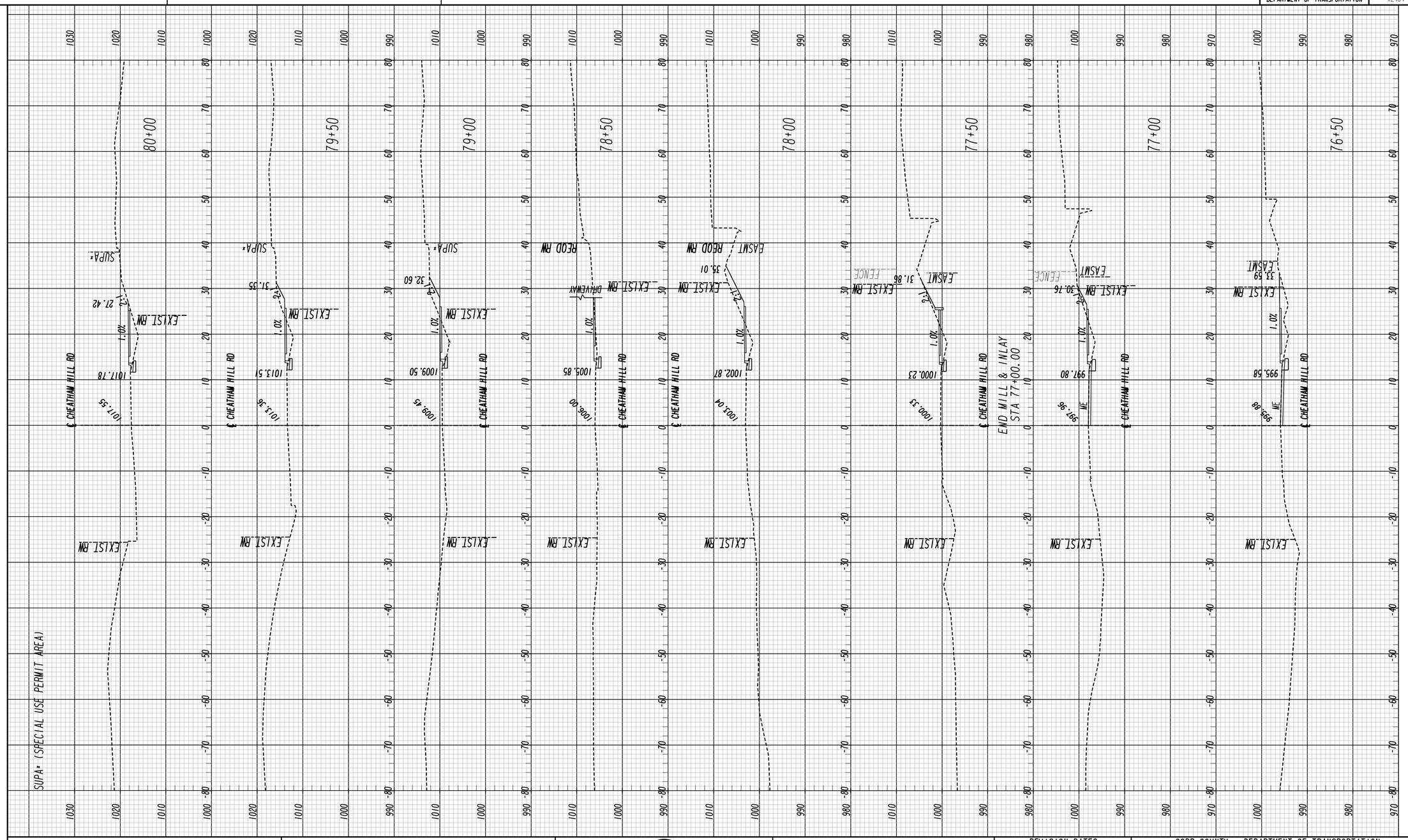

CHEATHAM HILL RD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 SUXEN

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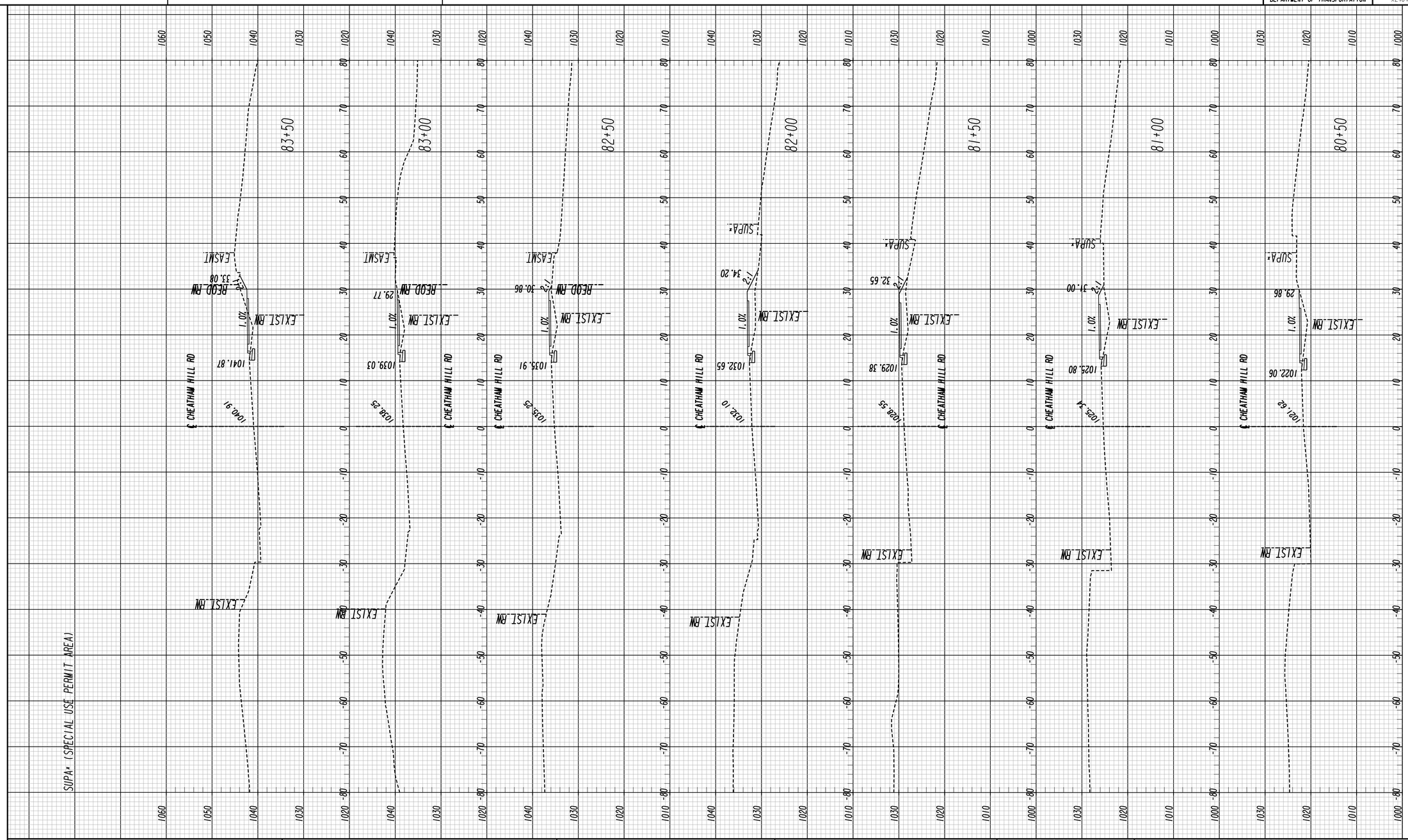

CHEATHAM HILL RD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

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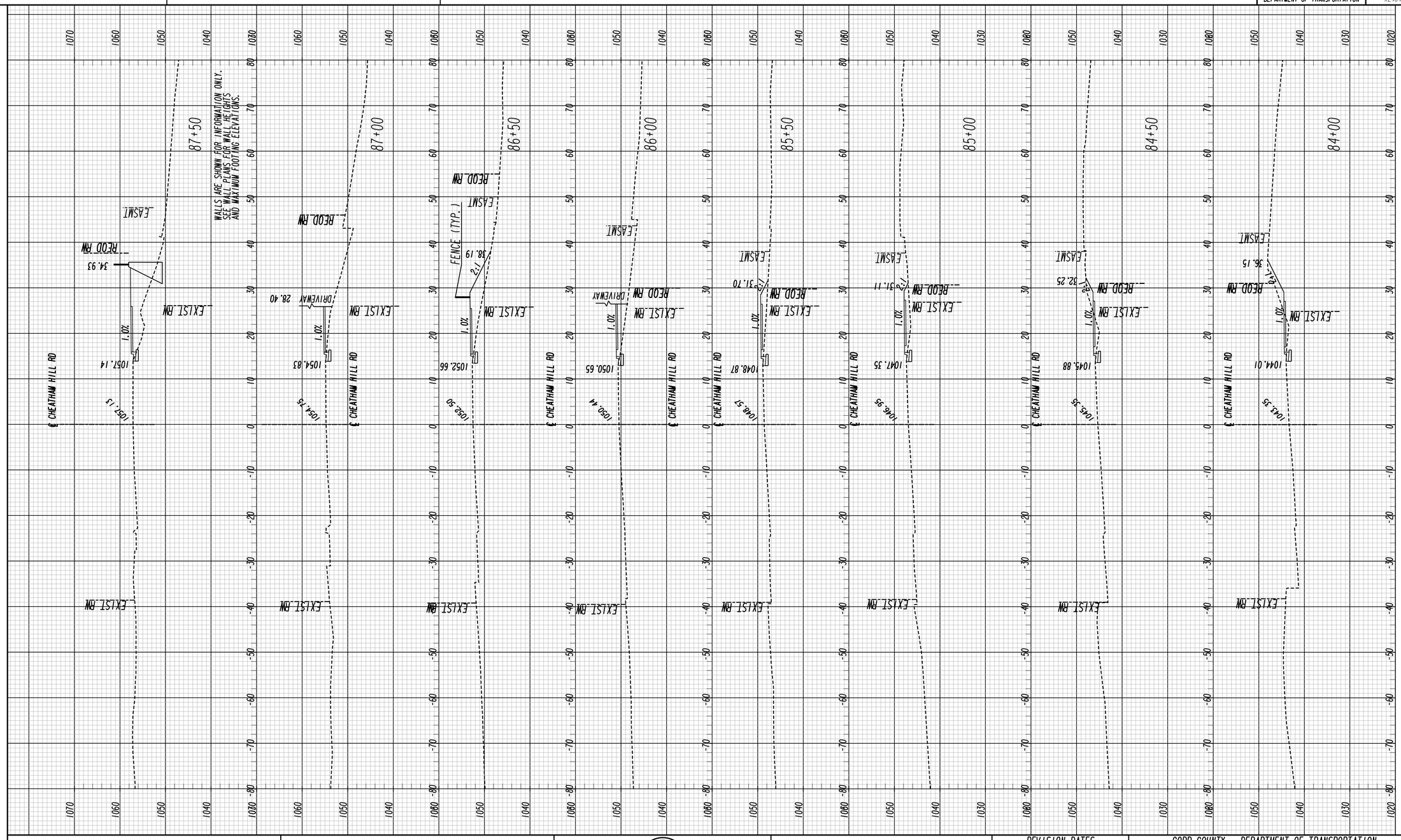
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



	CHEATHAM HILL RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0022
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VERIFIED:		DATE:		

7/31/2015 SUXEN

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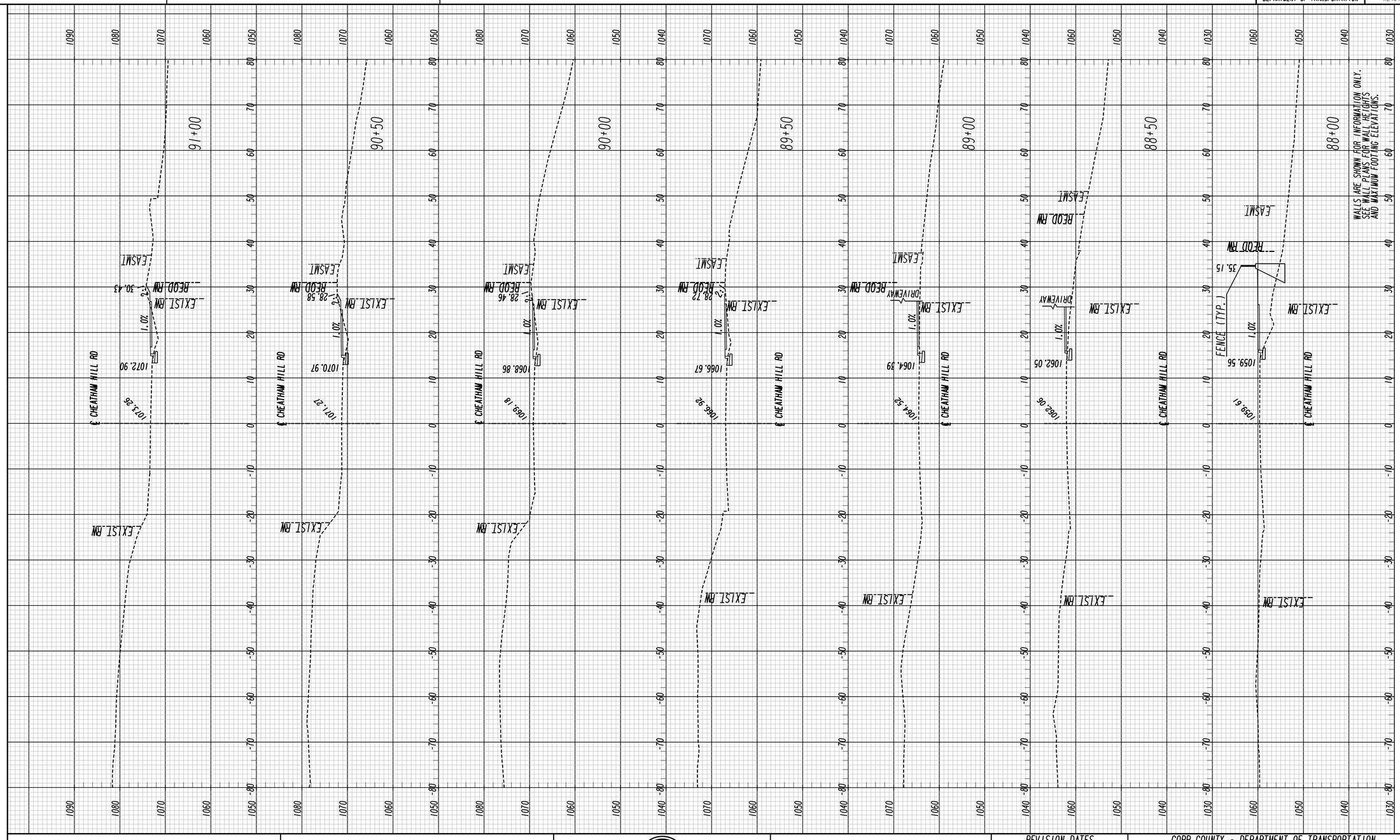
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

P. I. No. X2404



7/31/2015 SUXEN

CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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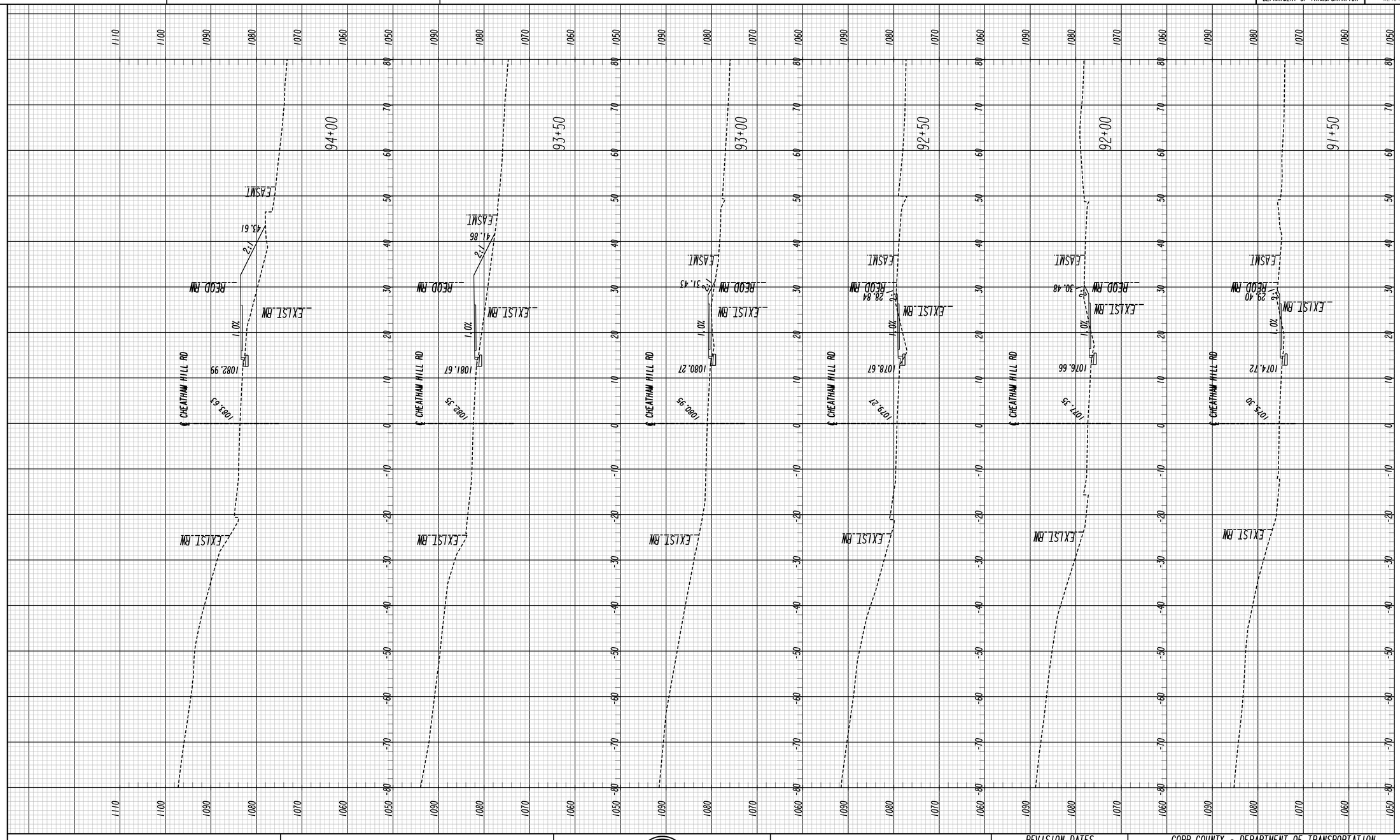
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



CHEATHAM HILL RD

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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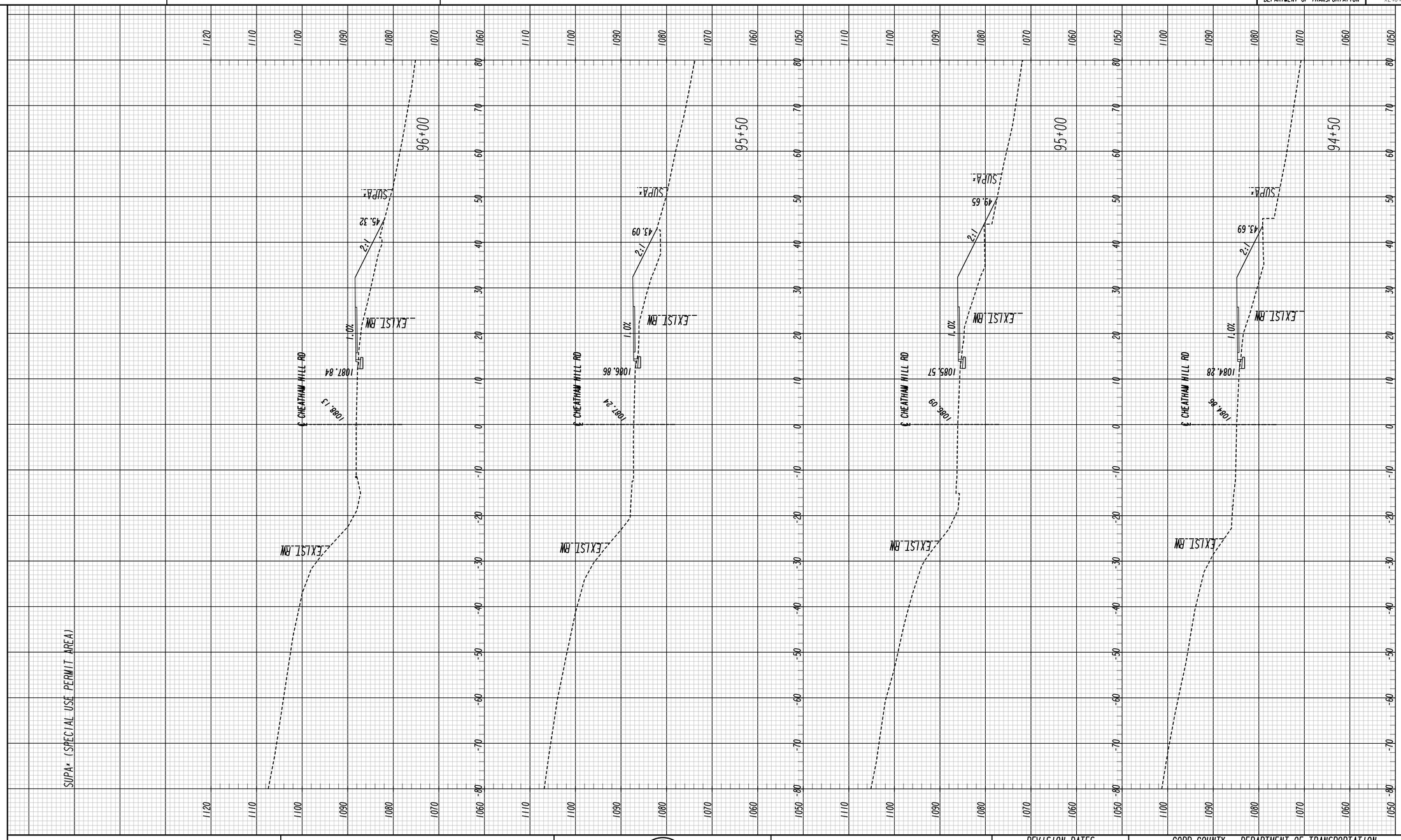
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



CHEATHAM HILL RD

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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23-0025

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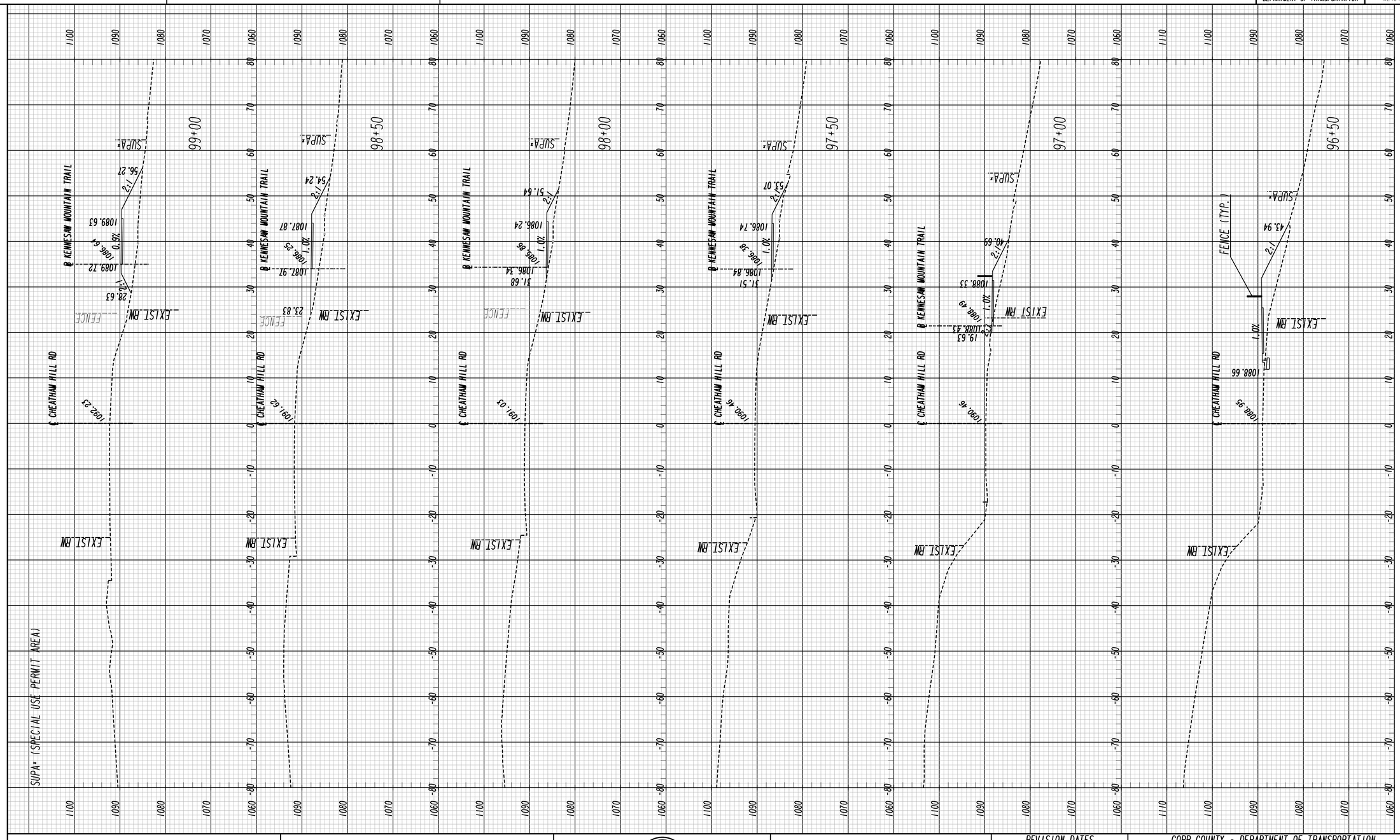

CHEATHAM HILL RD	Heath & Lineback Engineers INCORPORATED, 2390 CANTON ROAD, BUILDING 200, MARIETTA, GEORGIA 30066-5393, (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.	REVISION DATES	COBB COUNTY - DEPARTMENT OF TRANSPORTATION CROSS SECTIONS KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 23-0026

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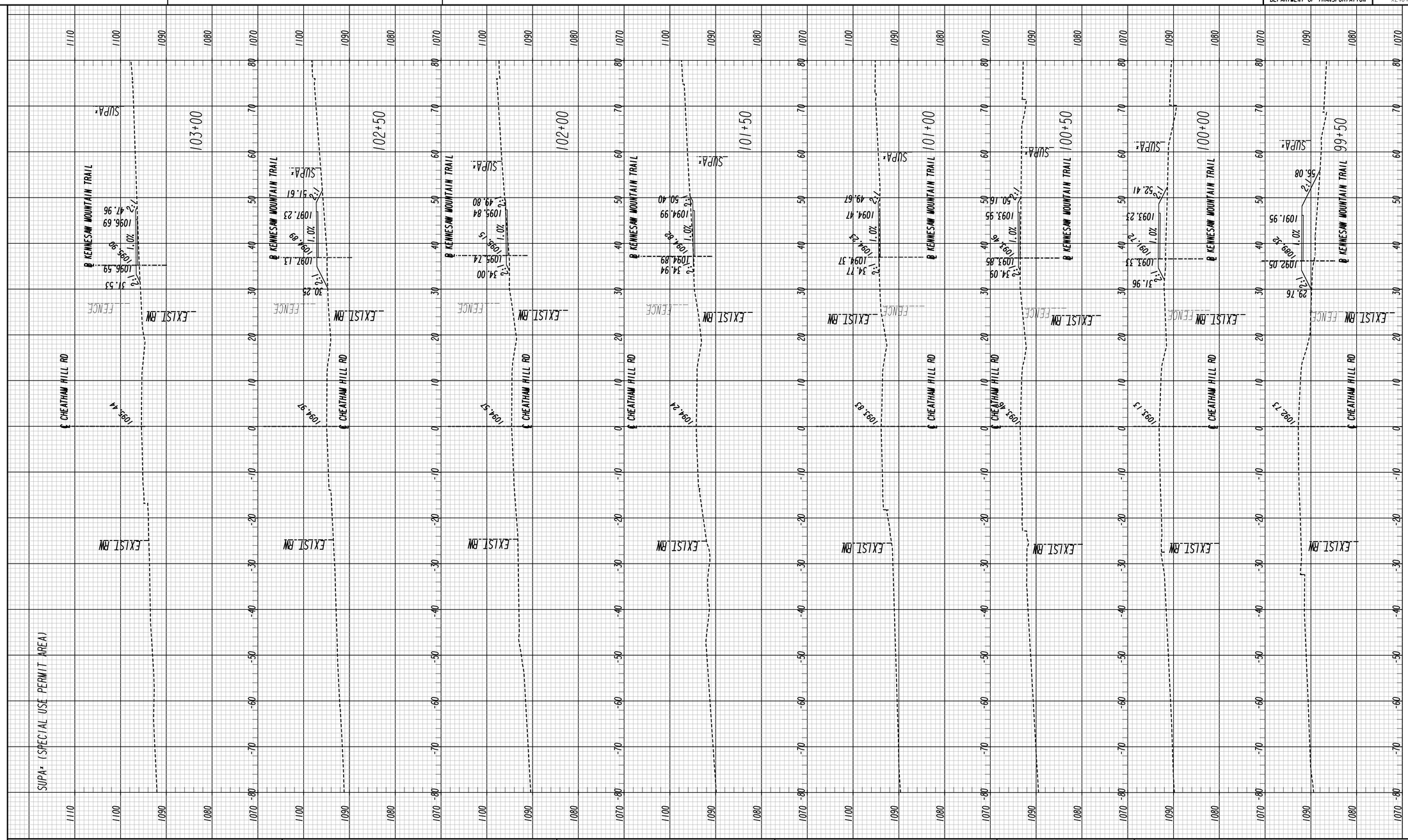
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P. I. No. X2404



	CHEATHAM HILL RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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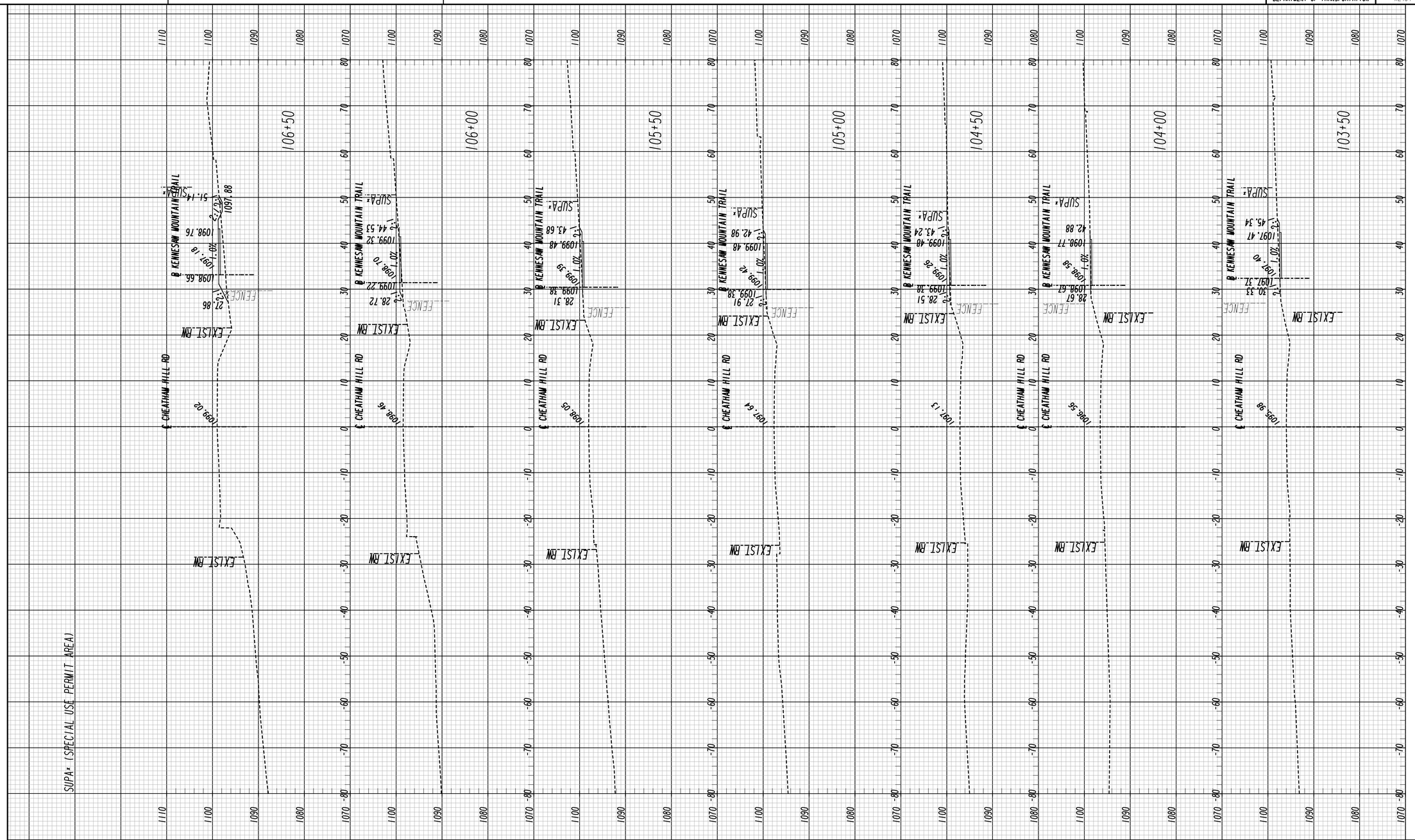
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



CHEATHAM HILL RD

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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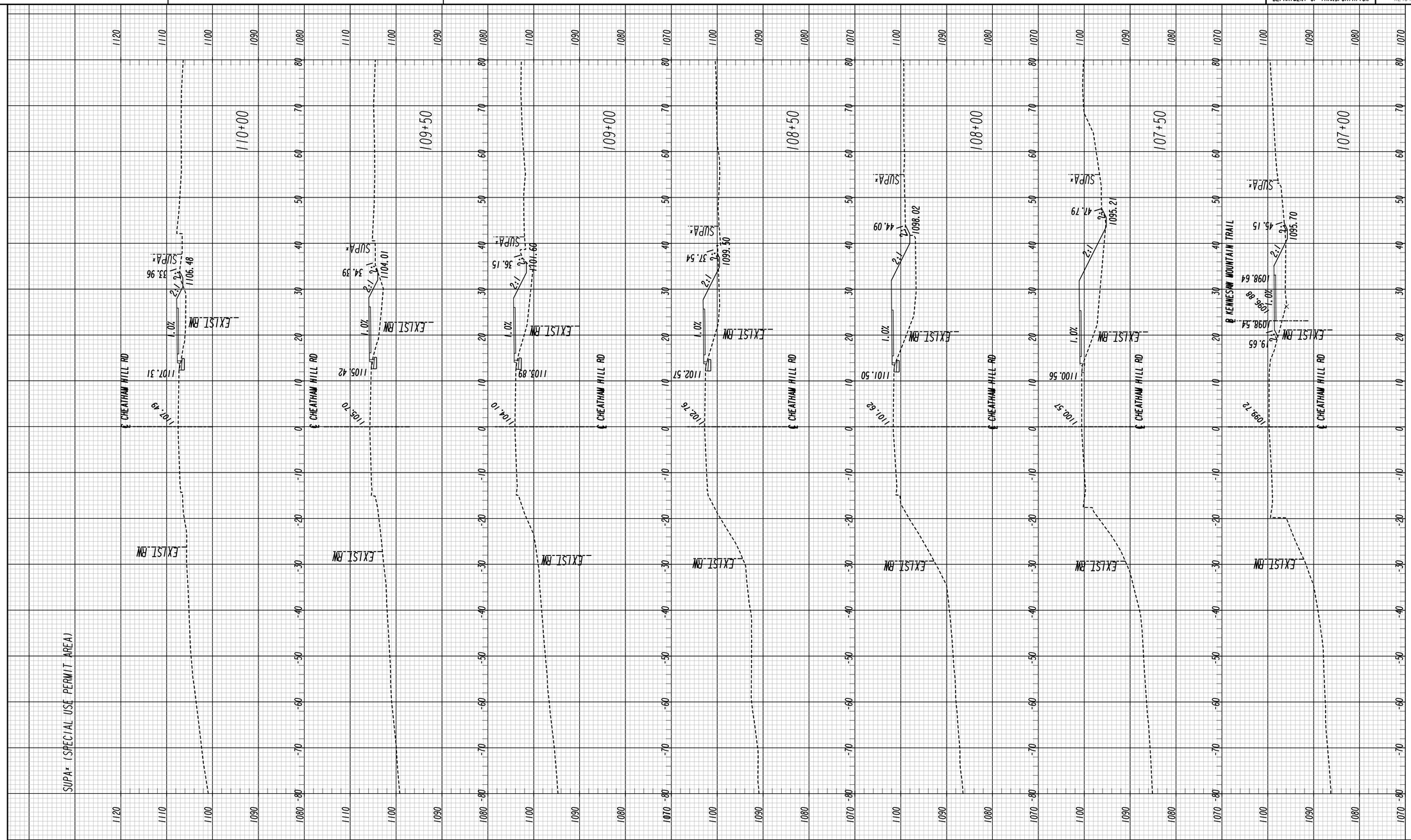
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



	CHEATHAM HILL RD	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.	REVISION DATES

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
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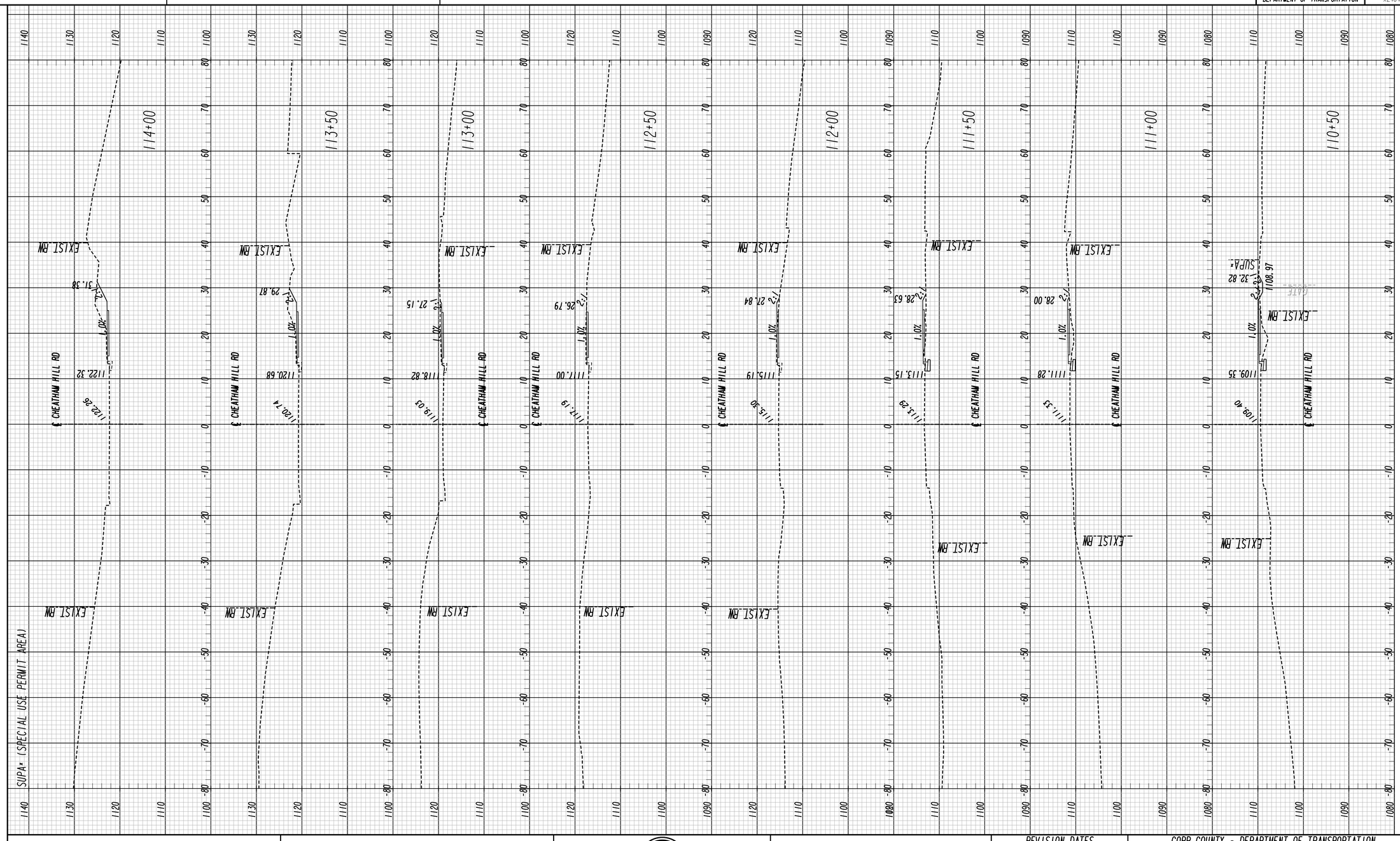
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



CHEATHAM HILL RD

SCALE:
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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
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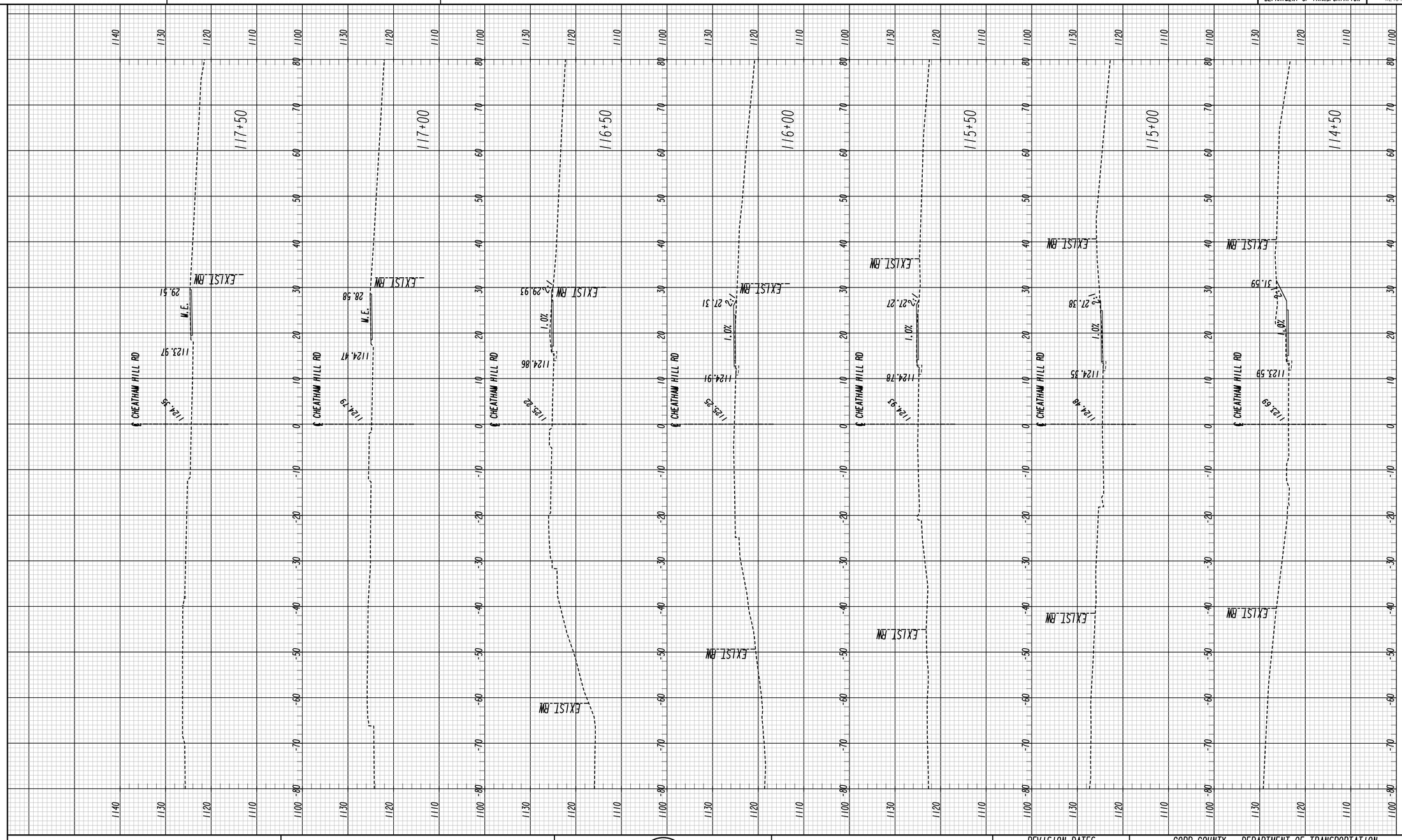
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



CHEATHAM HILL RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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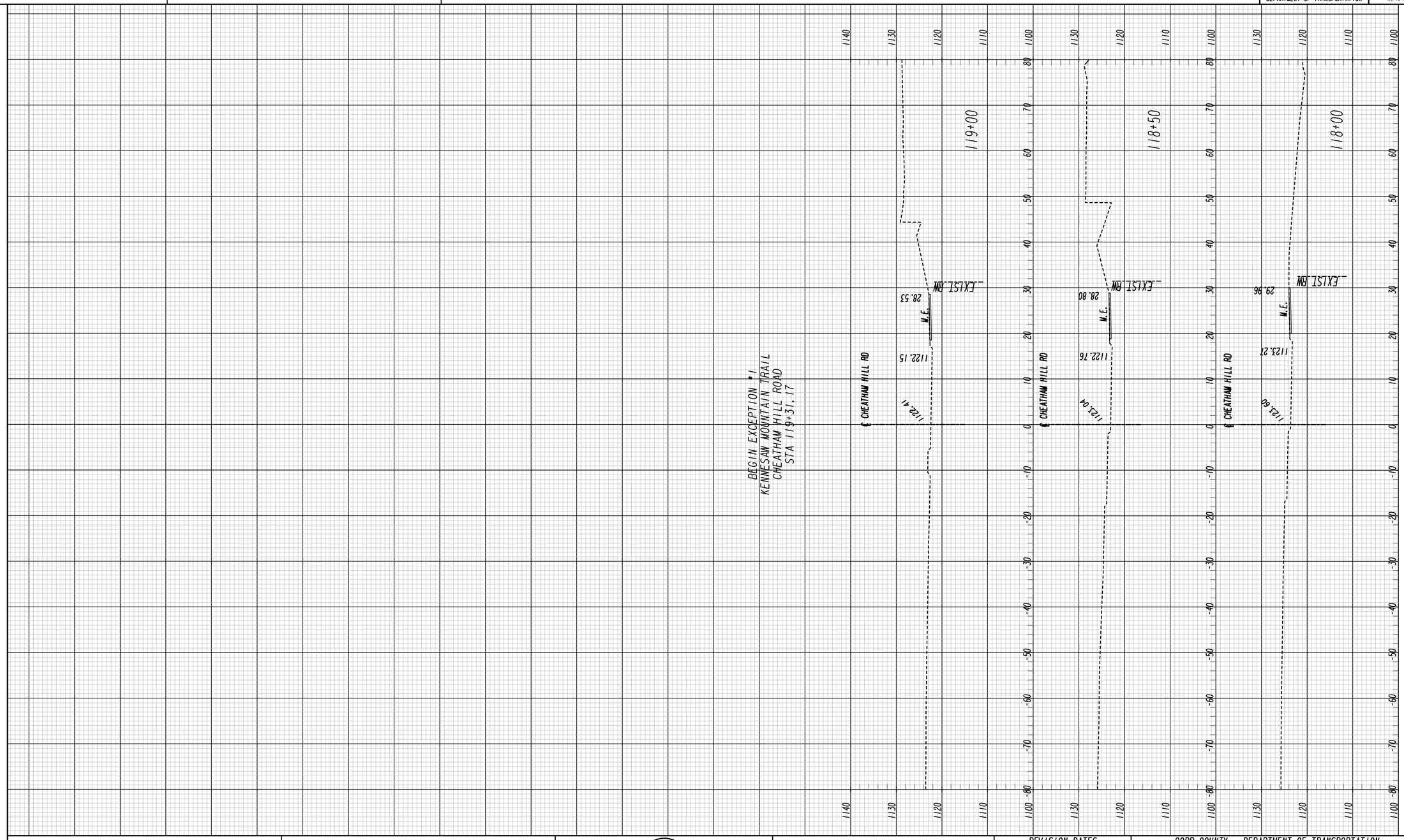
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



CHEATHAM HILL RD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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23-0032

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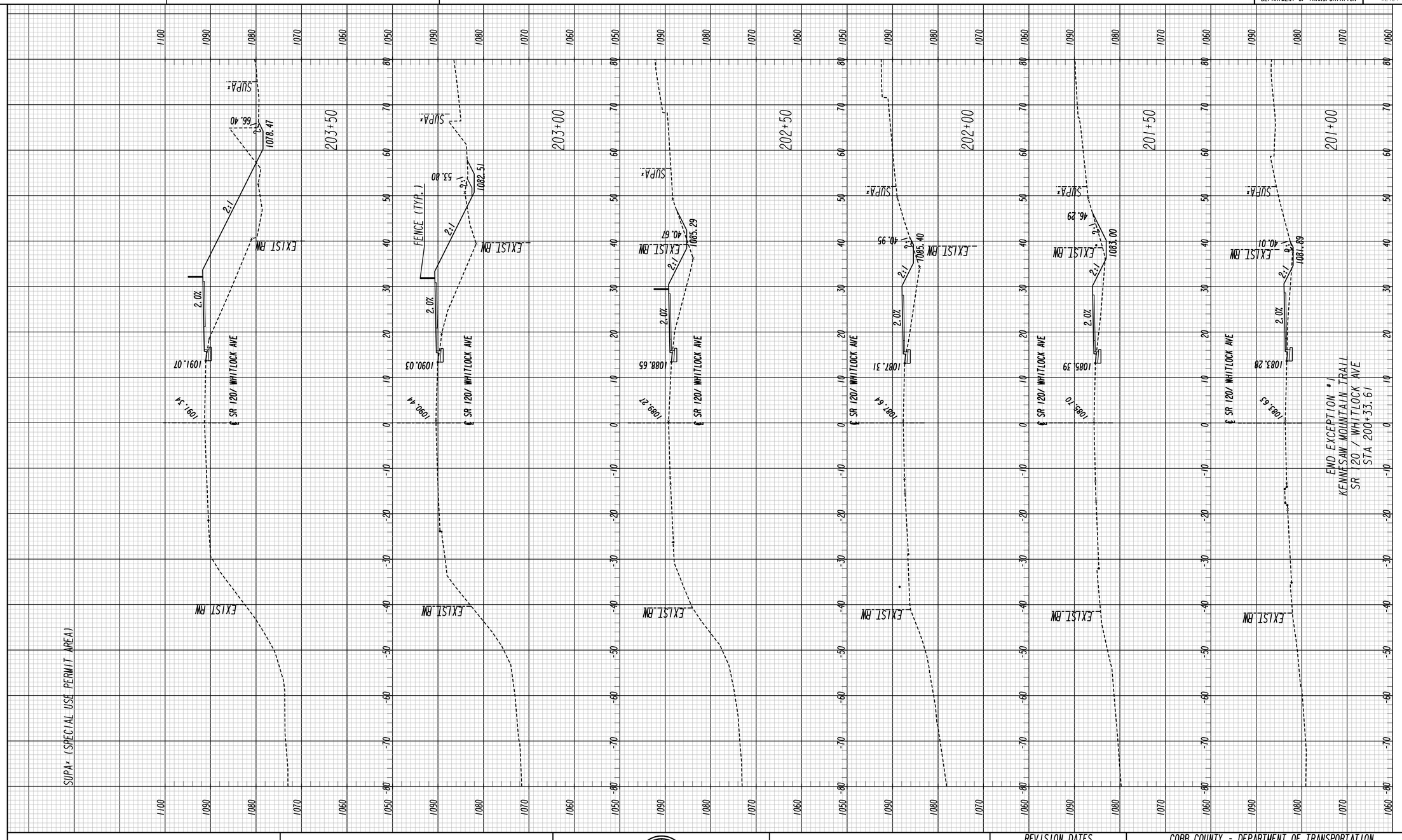
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



SR120/WHITLOCK AVE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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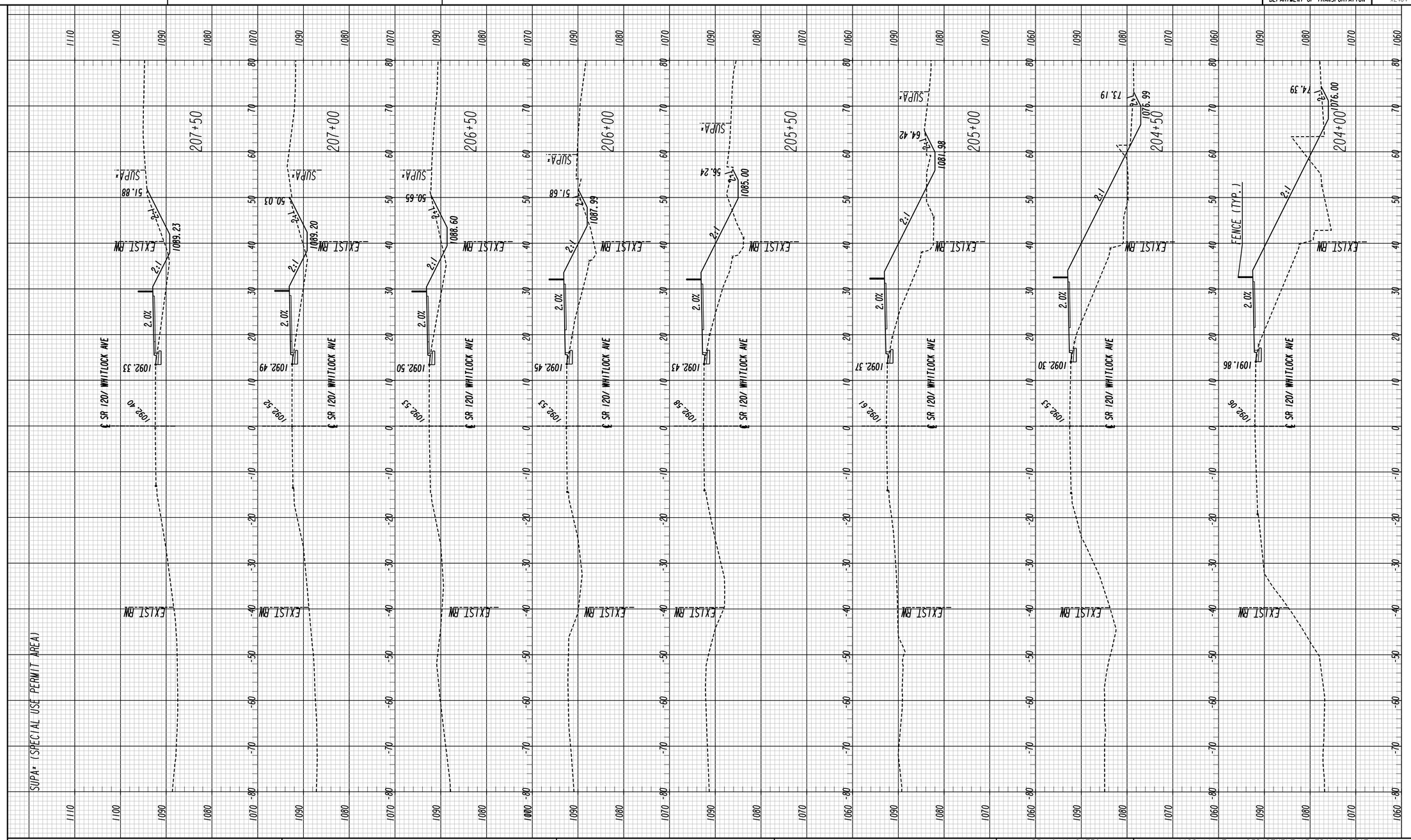
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P. I. No. X2404



7/31/2015 SUXEN

SR120/WHITLOCK AVE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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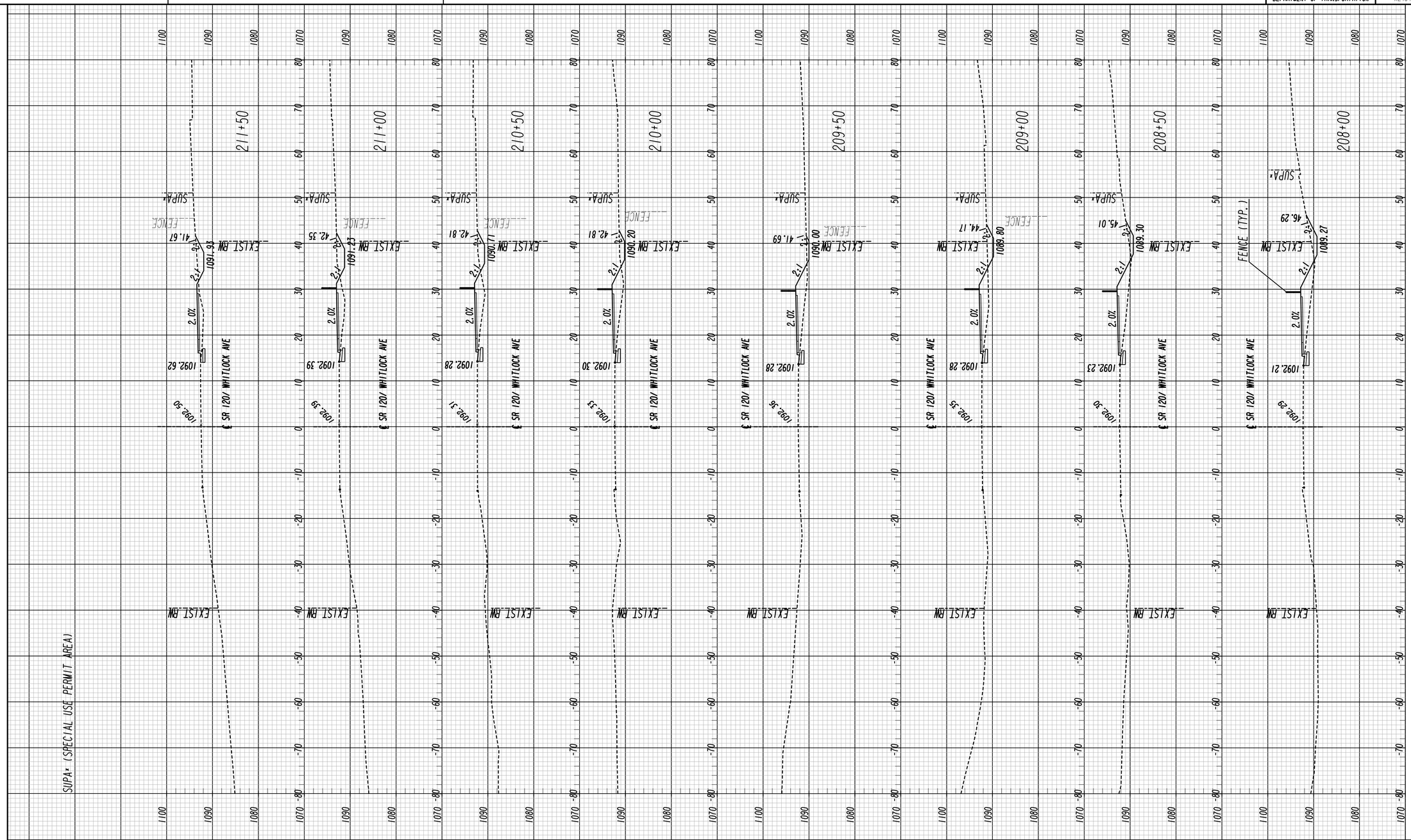

SR120/WHITLOCK AVE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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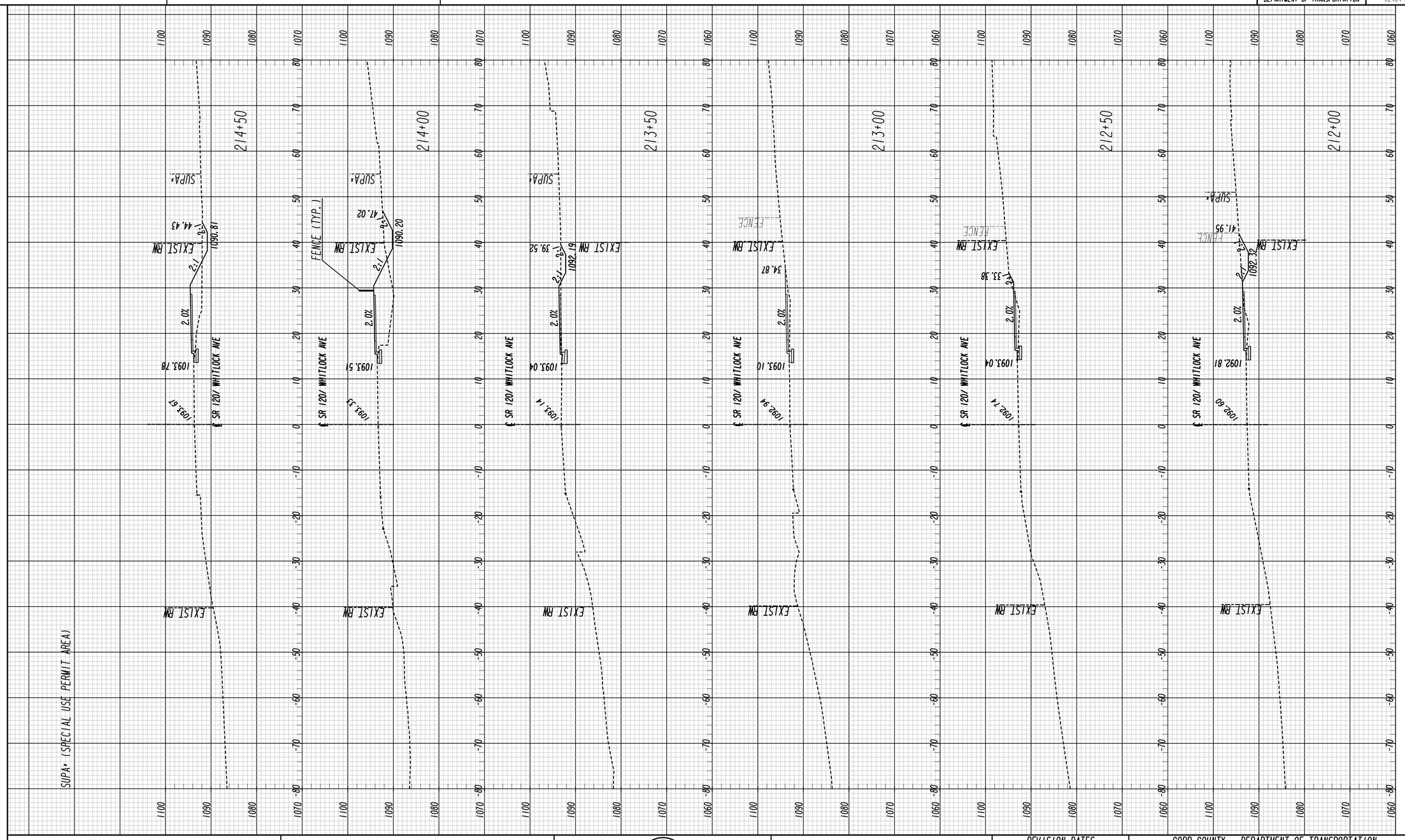
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



SR120/WHITLOCK AVE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
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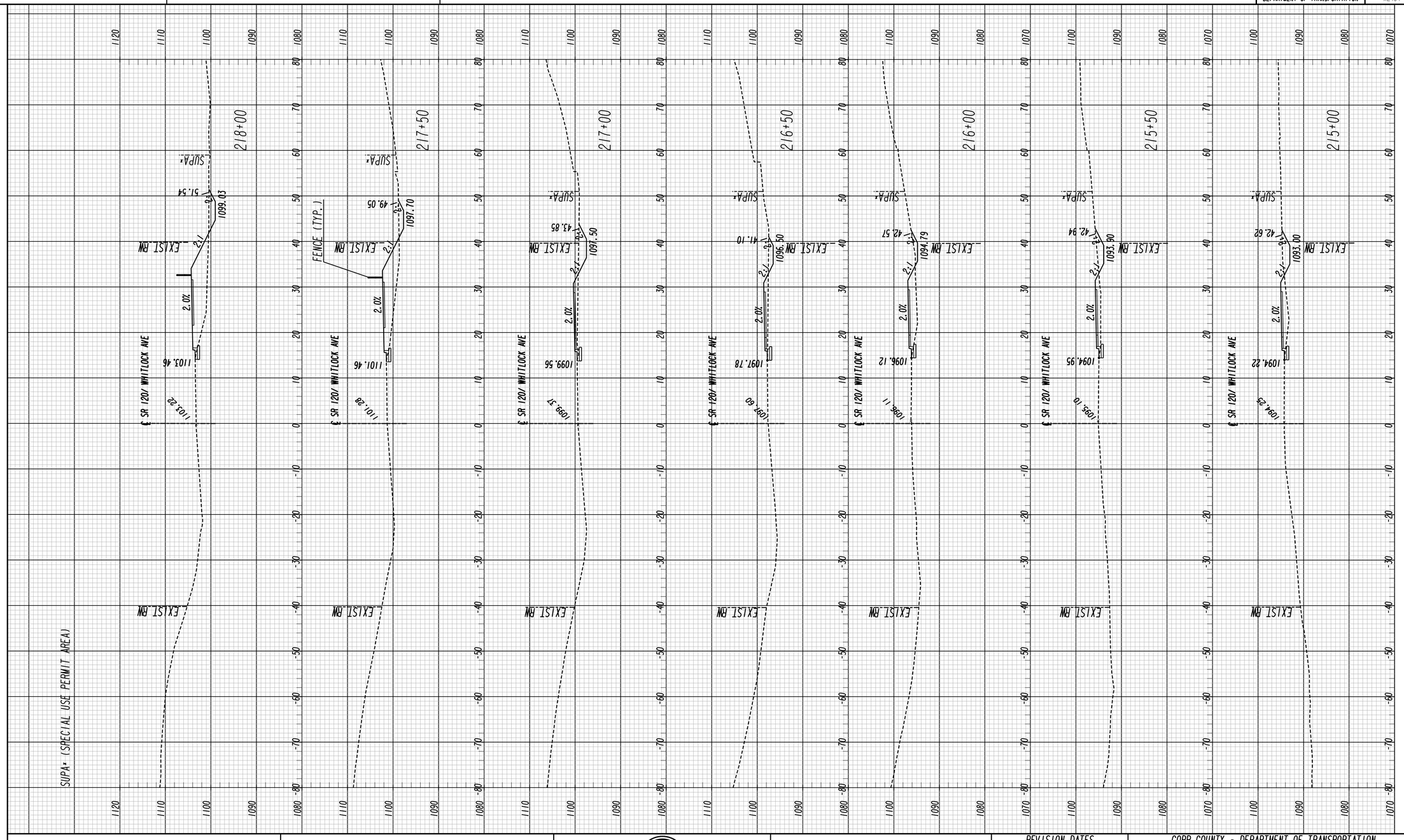

SR120/WHITLOCK AVE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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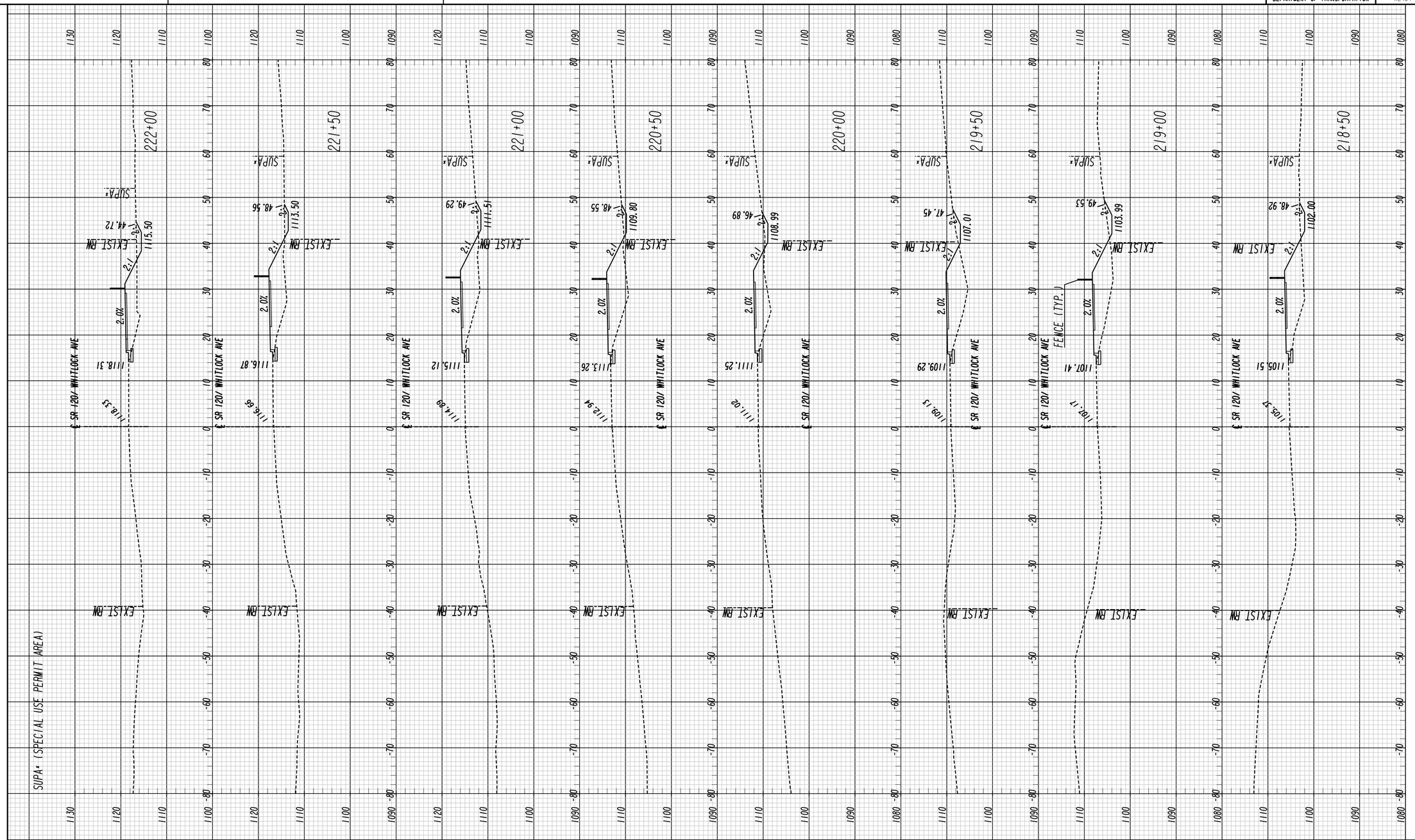

SR120/WHITLOCK AVE

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

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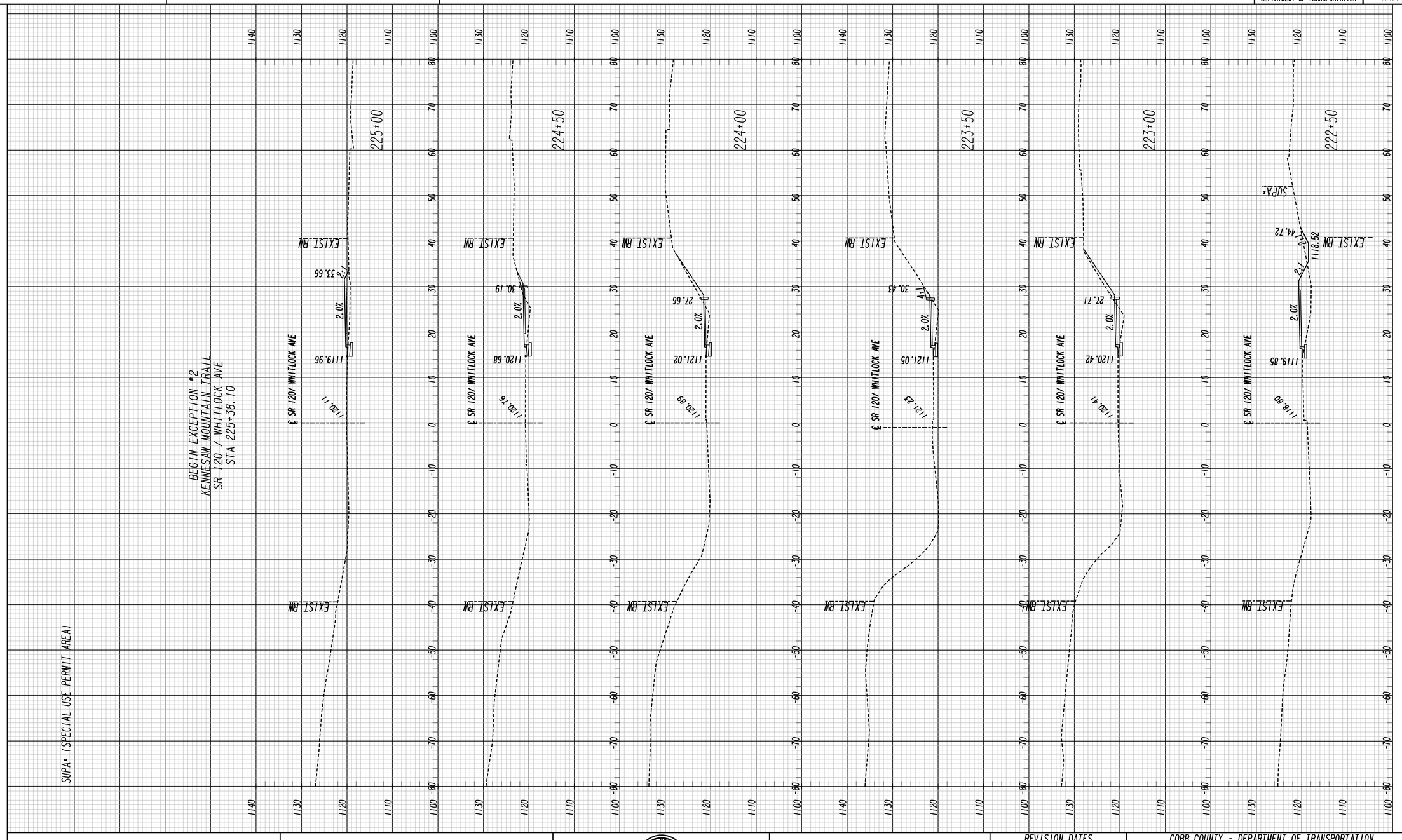
X2404



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SR120/WHITLOCK AVE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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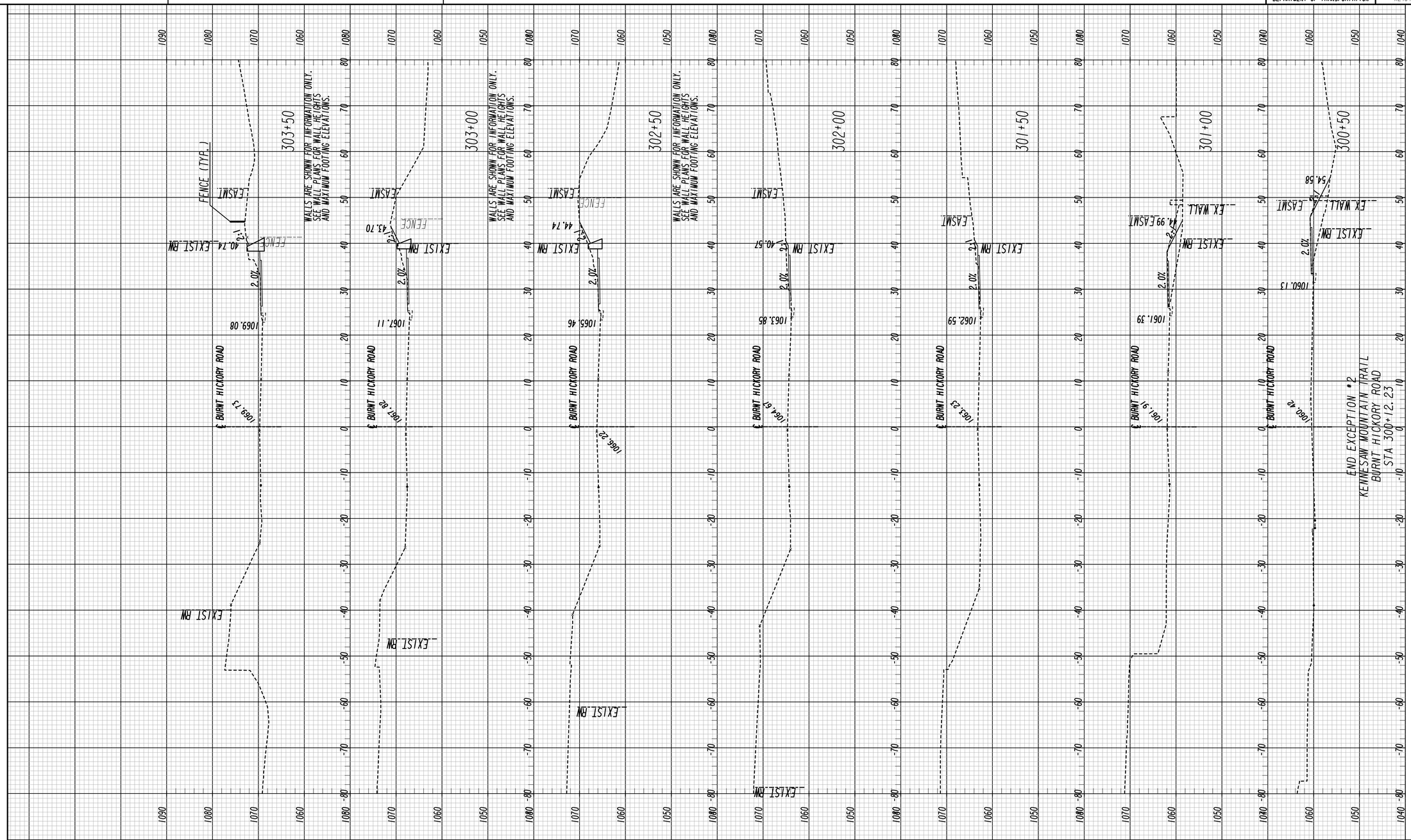
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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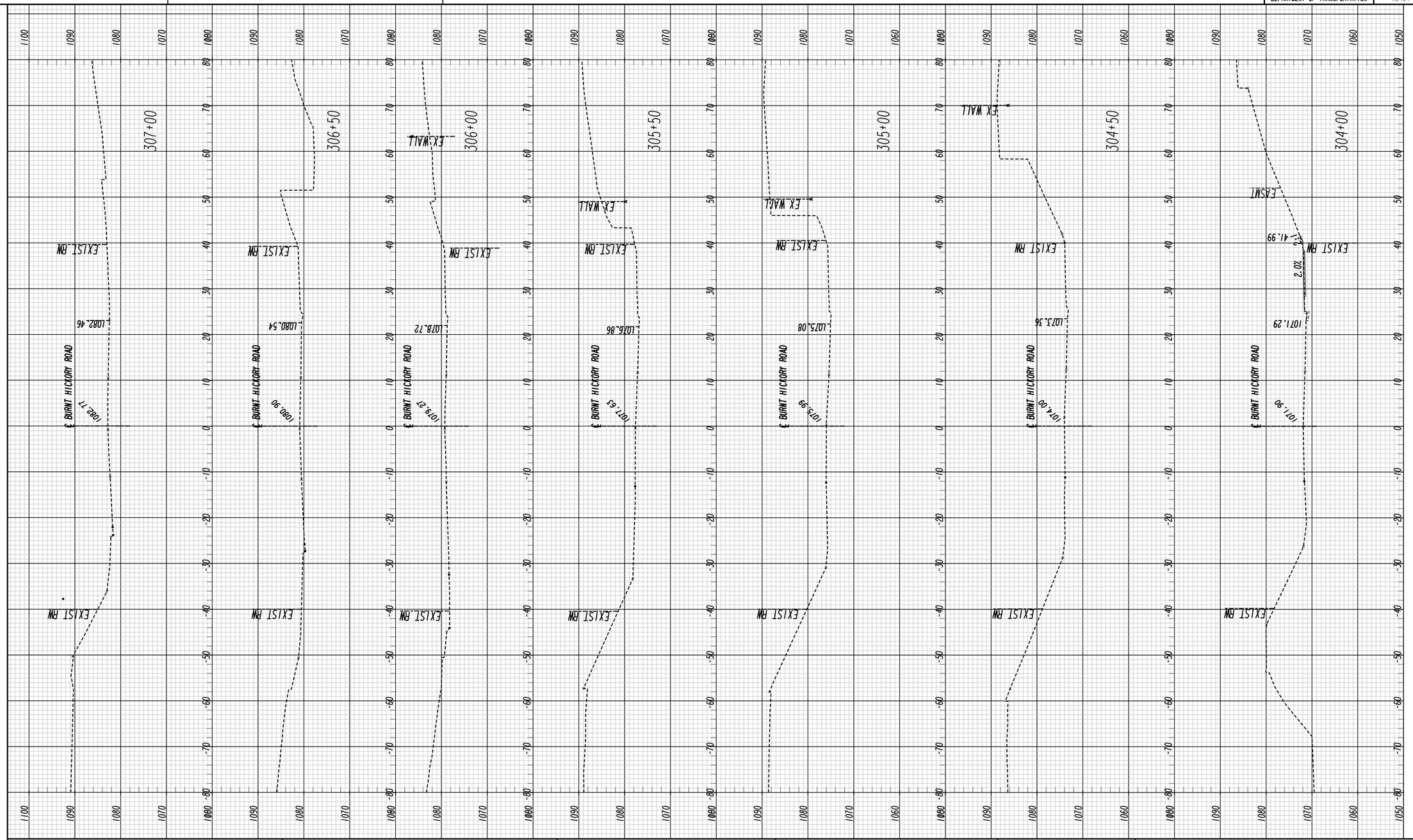

BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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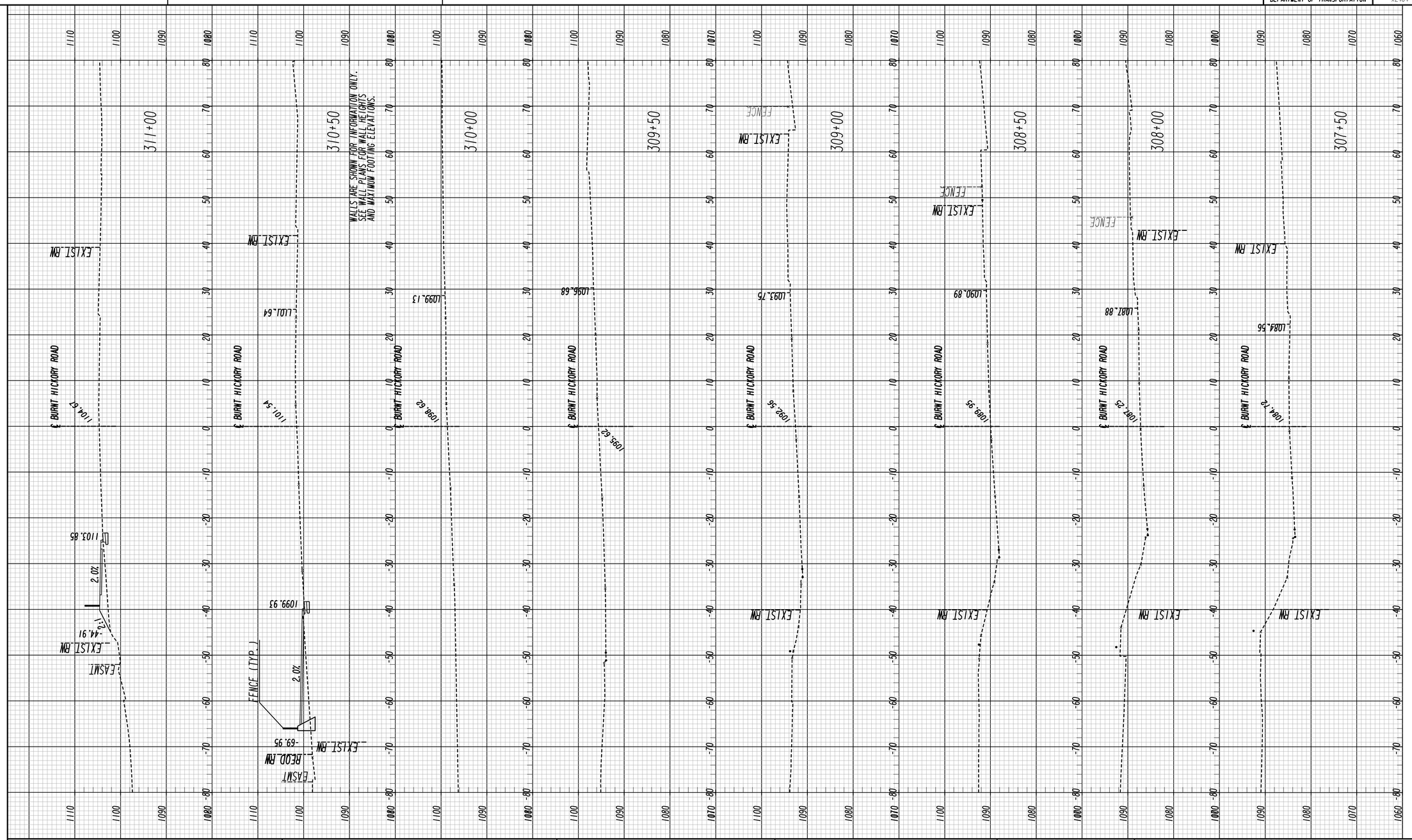
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0042
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

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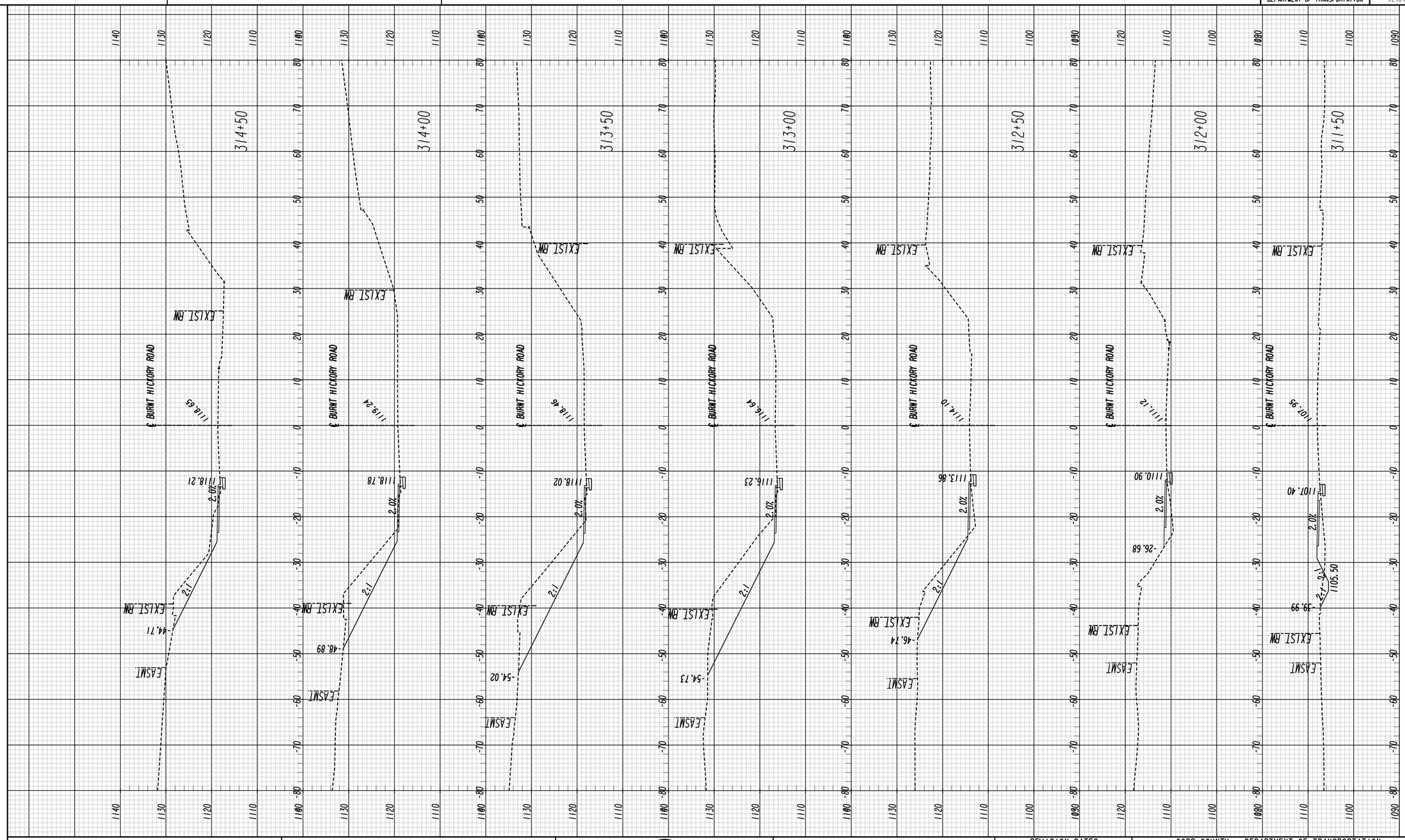
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
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DRAWING No.
23-0043

7/31/2015 SUXEN

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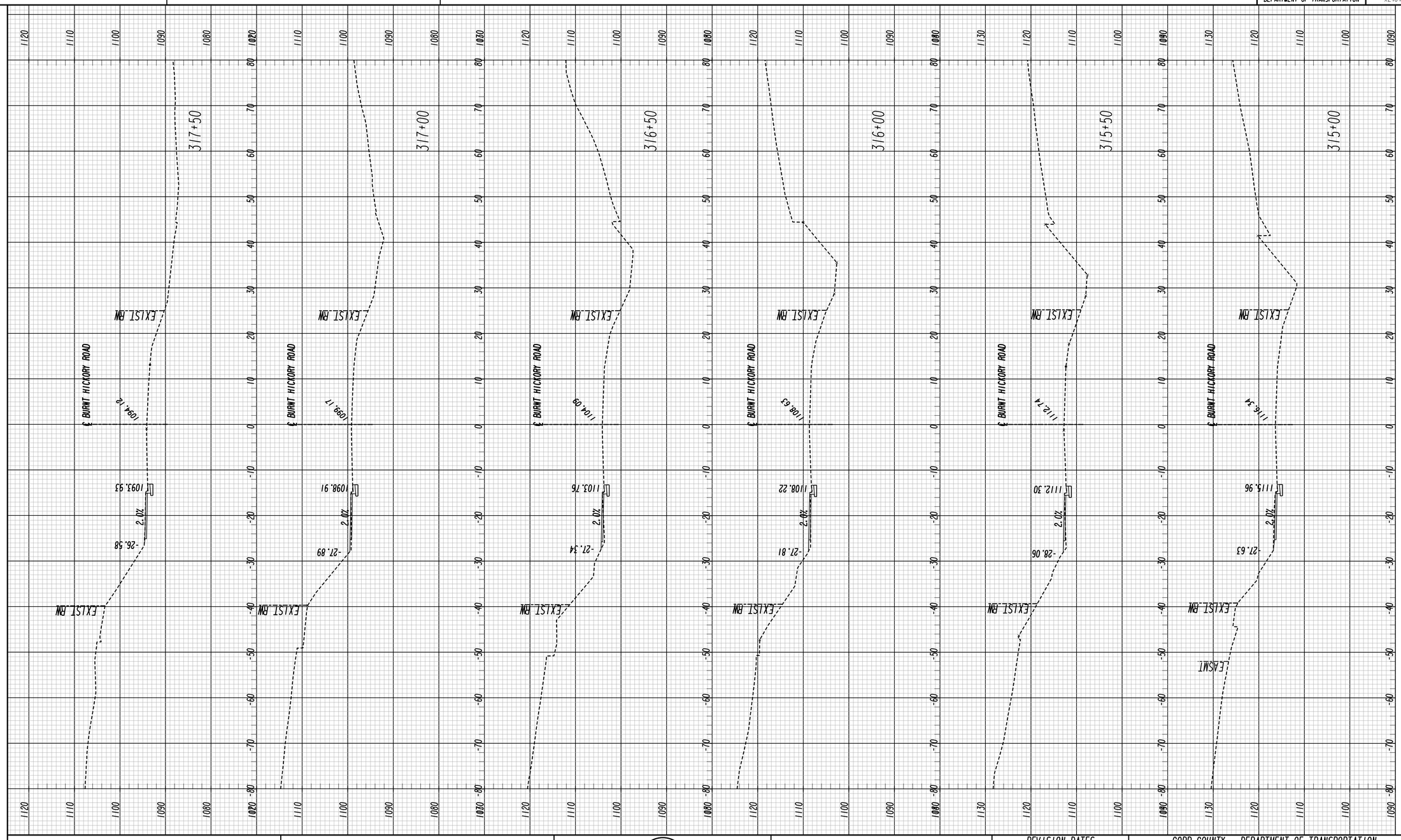
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0044
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

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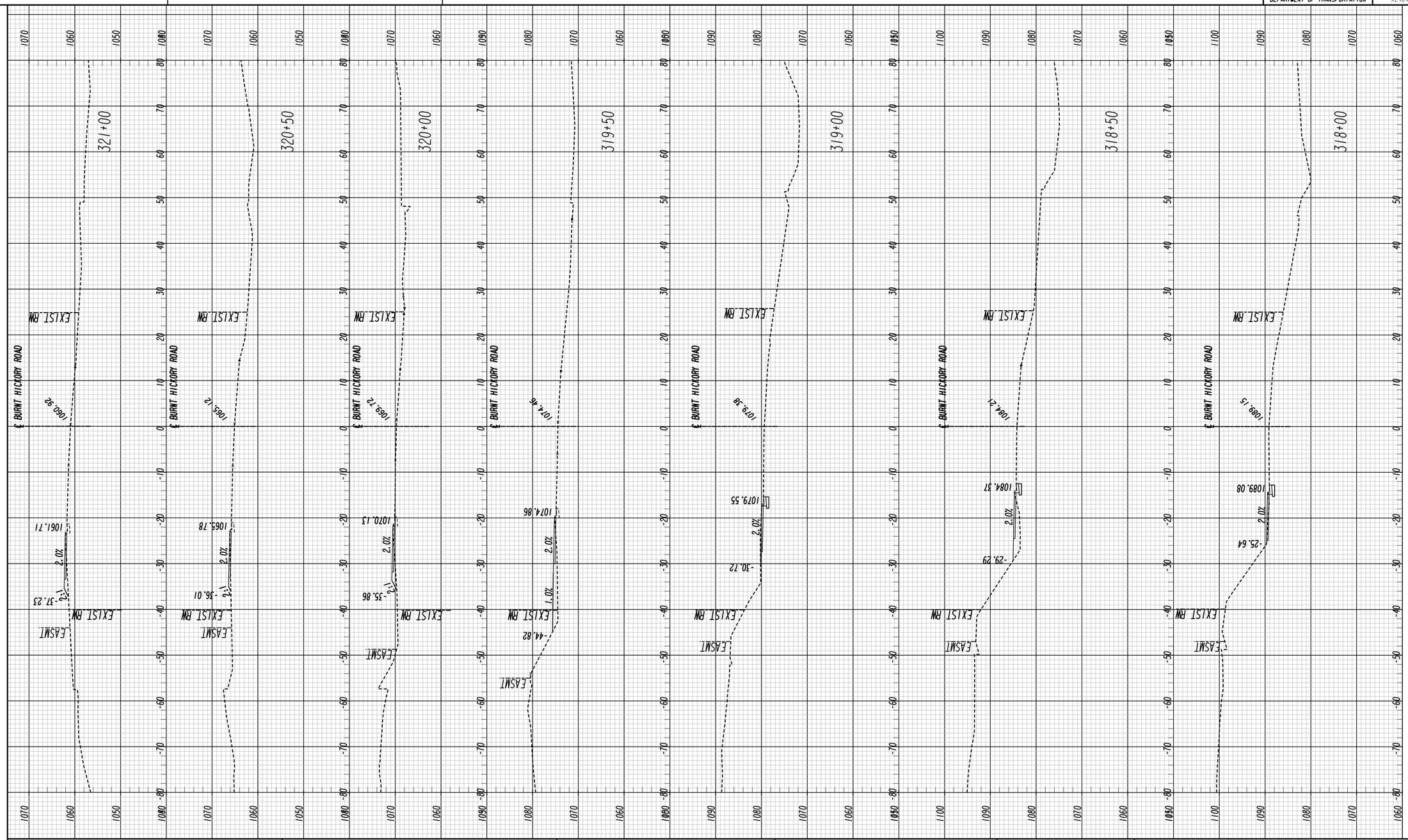
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0045
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7/31/2015 SUXEN

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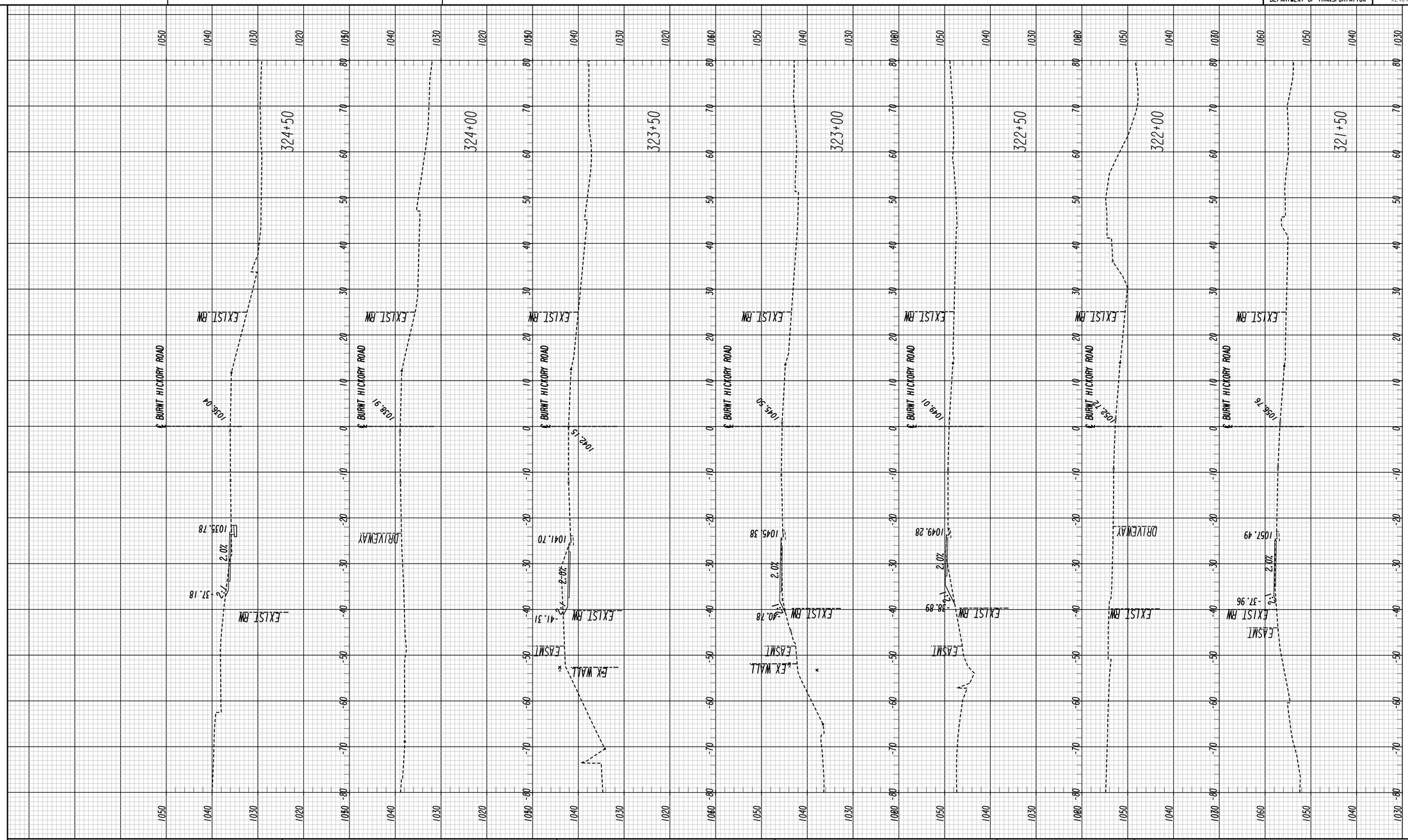
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



	BURNT HICKORY RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0046
CORRECTED:		DATE:		
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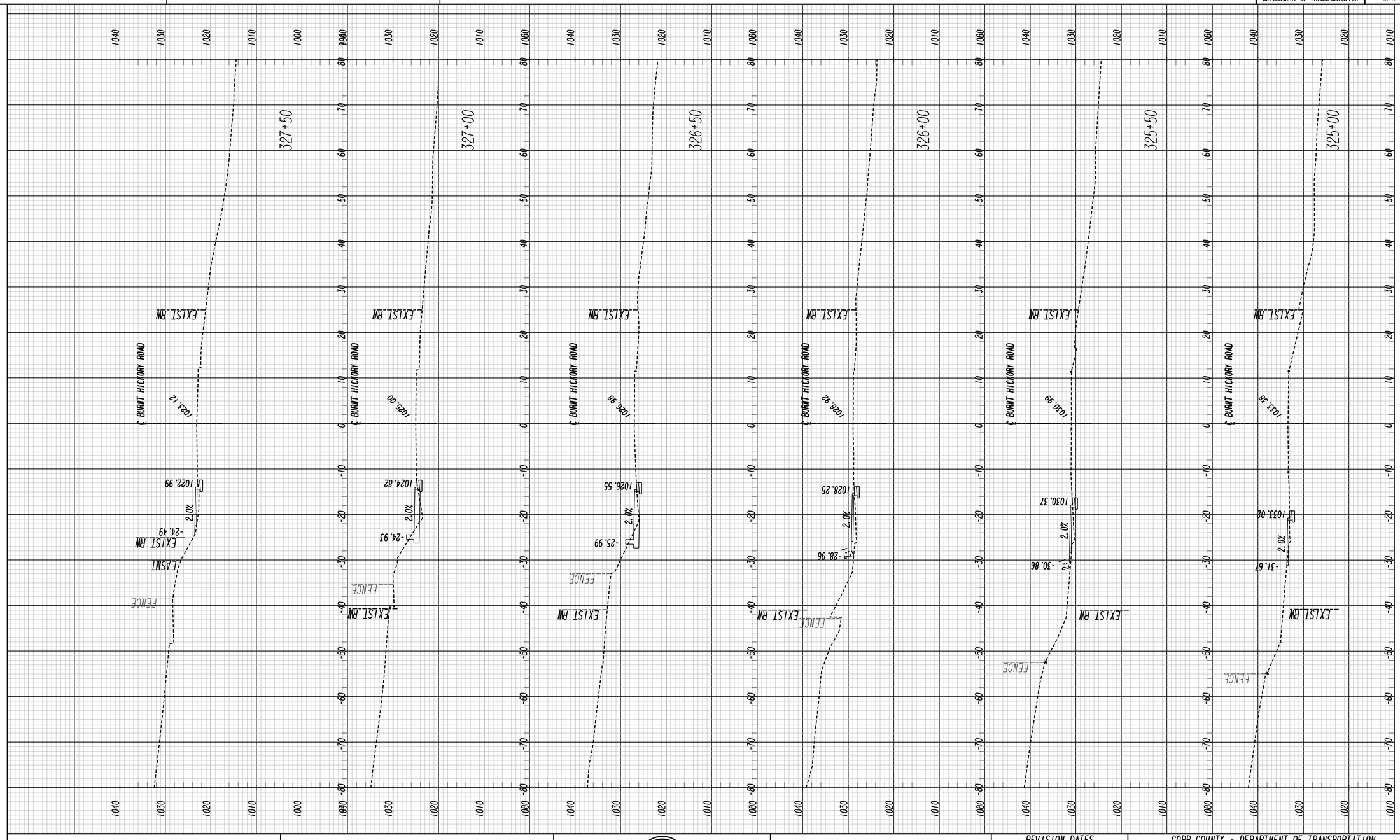
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0047
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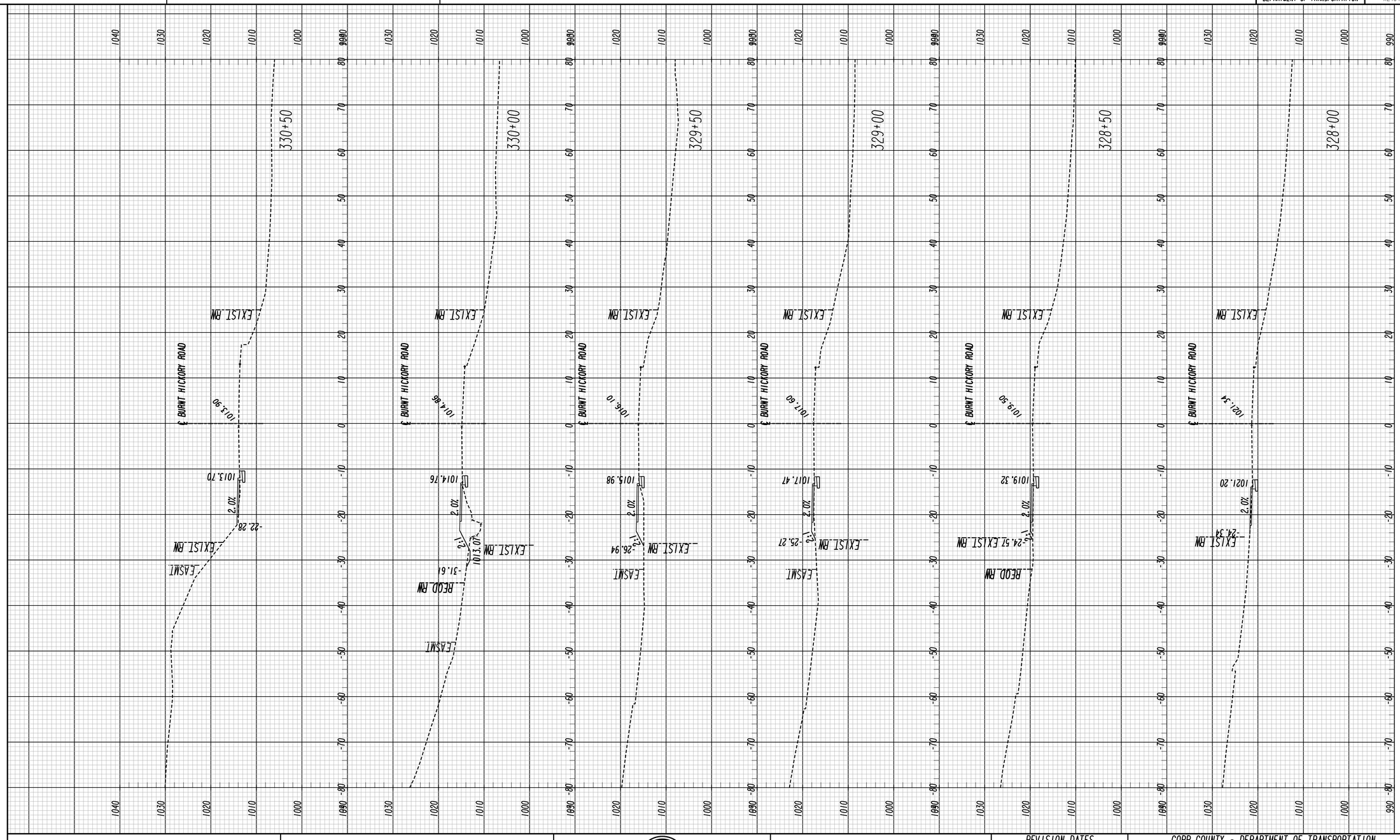
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



	BURNT HICKORY RD	Heath & Lineback Engineers INCORPORATED 2390 CANTON ROAD, BUILDING 200 MARIETTA, GEORGIA 30066-5393 (770)424-1668	SCALE: 1 INCH = 10 FEET VERT. 1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0048
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7/31/2015 SUXEN

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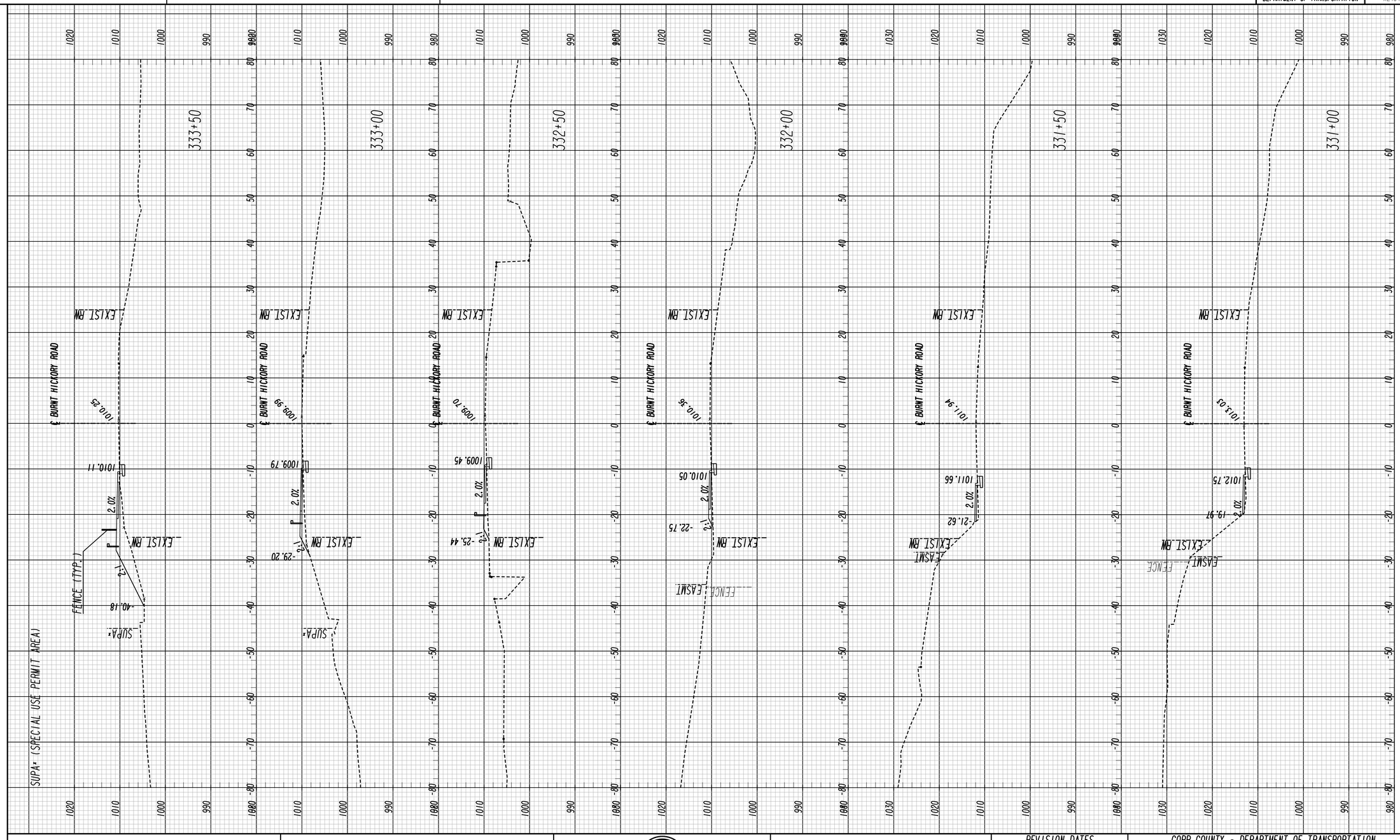
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0049
CORRECTED:		DATE:		
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7/31/2015 SUXEN

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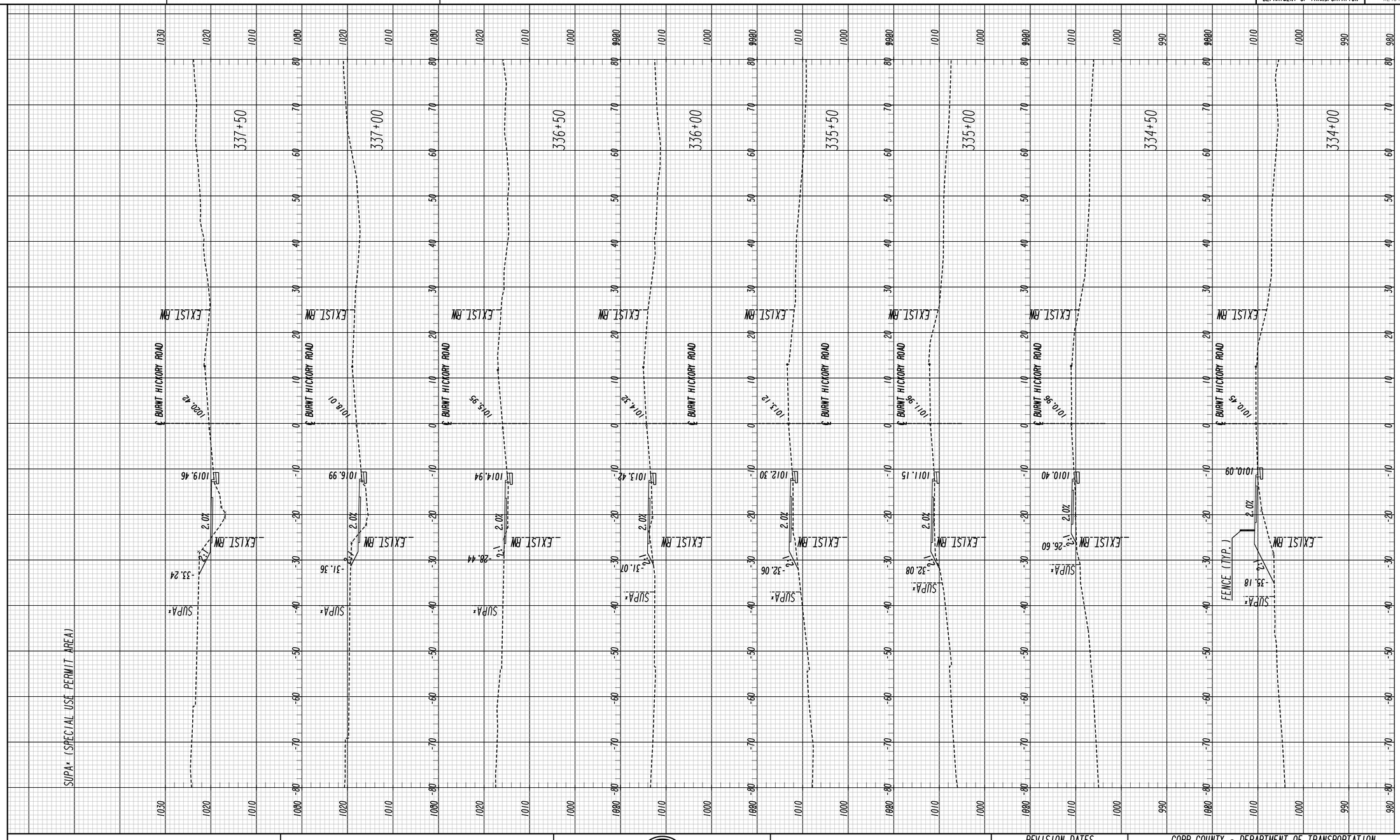
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



BURNT HICKORY RD

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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BACKCHECKED:		DATE:		23-0050
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

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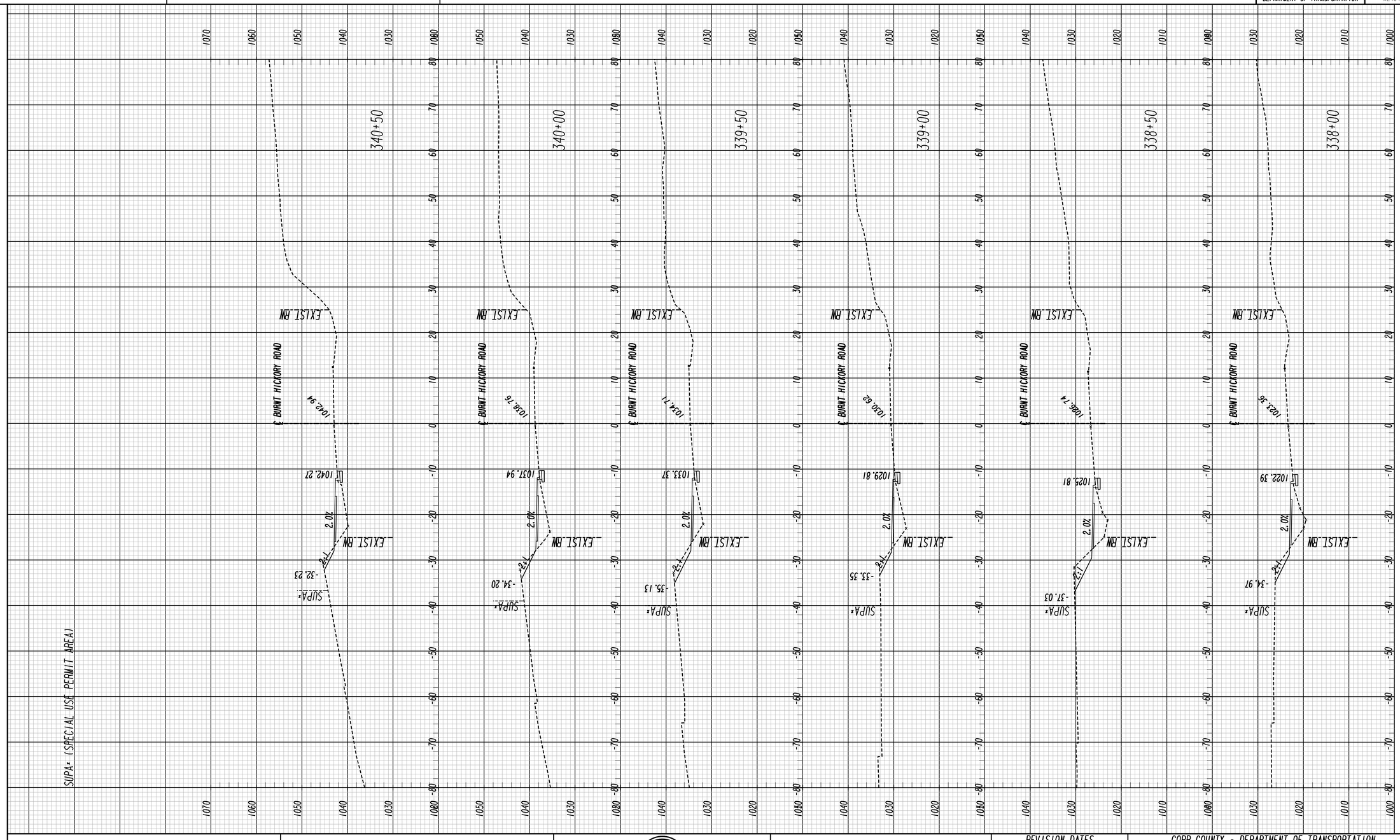
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0051
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

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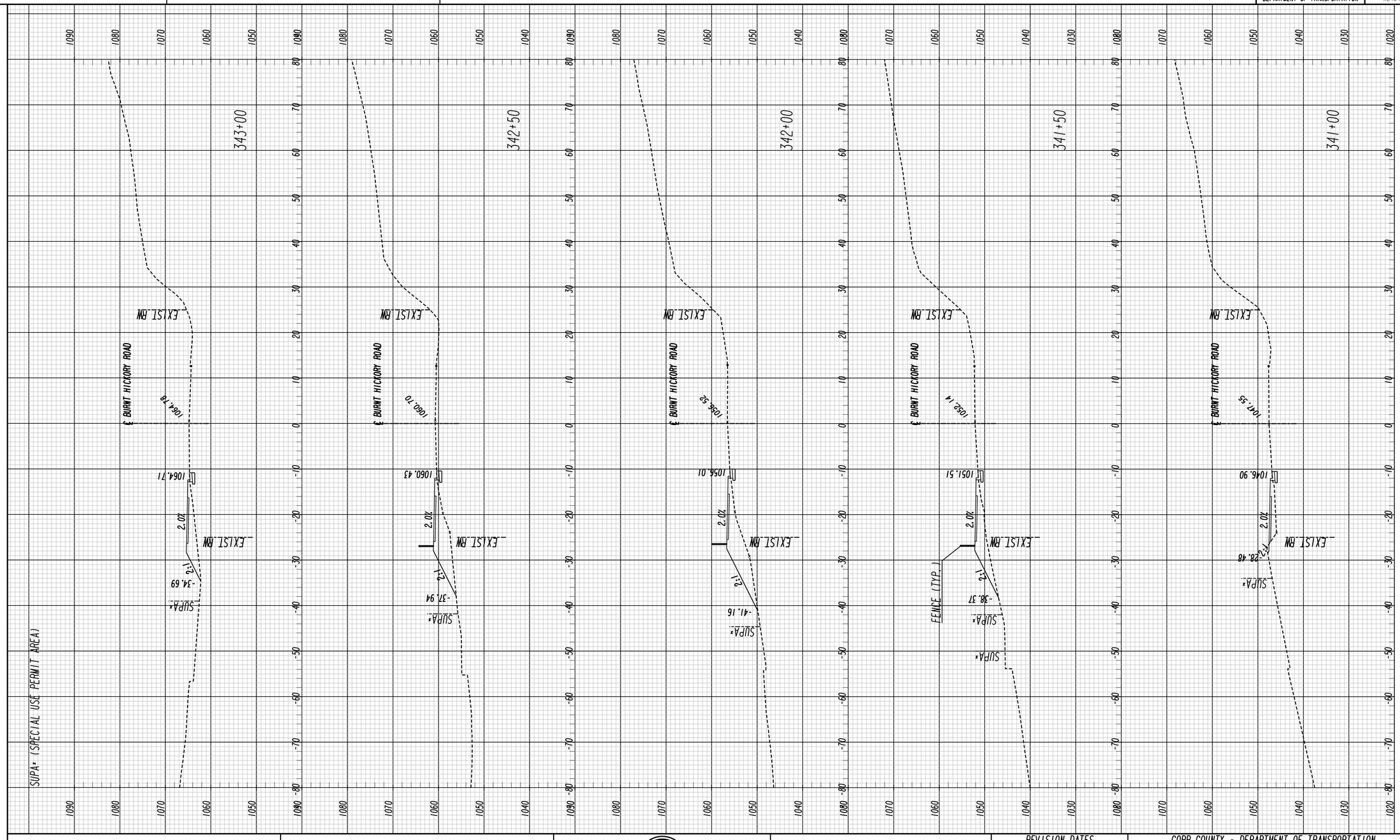

BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0052
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

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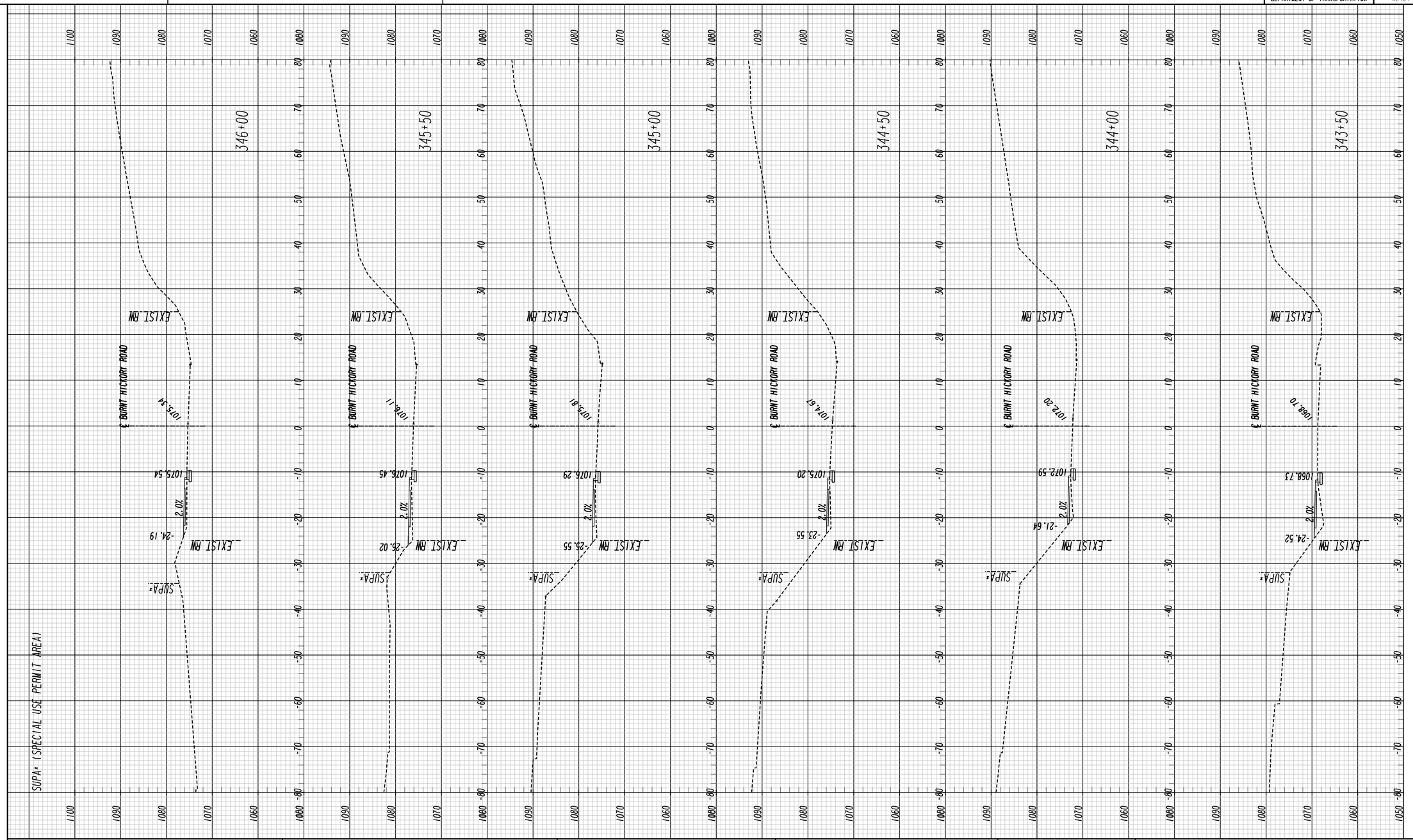
COBB COUNTY DEPARTMENT OF TRANSPORTATION

P.I. No. X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
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DRAWING No. 23-0053

7/31/2015 SUXEN

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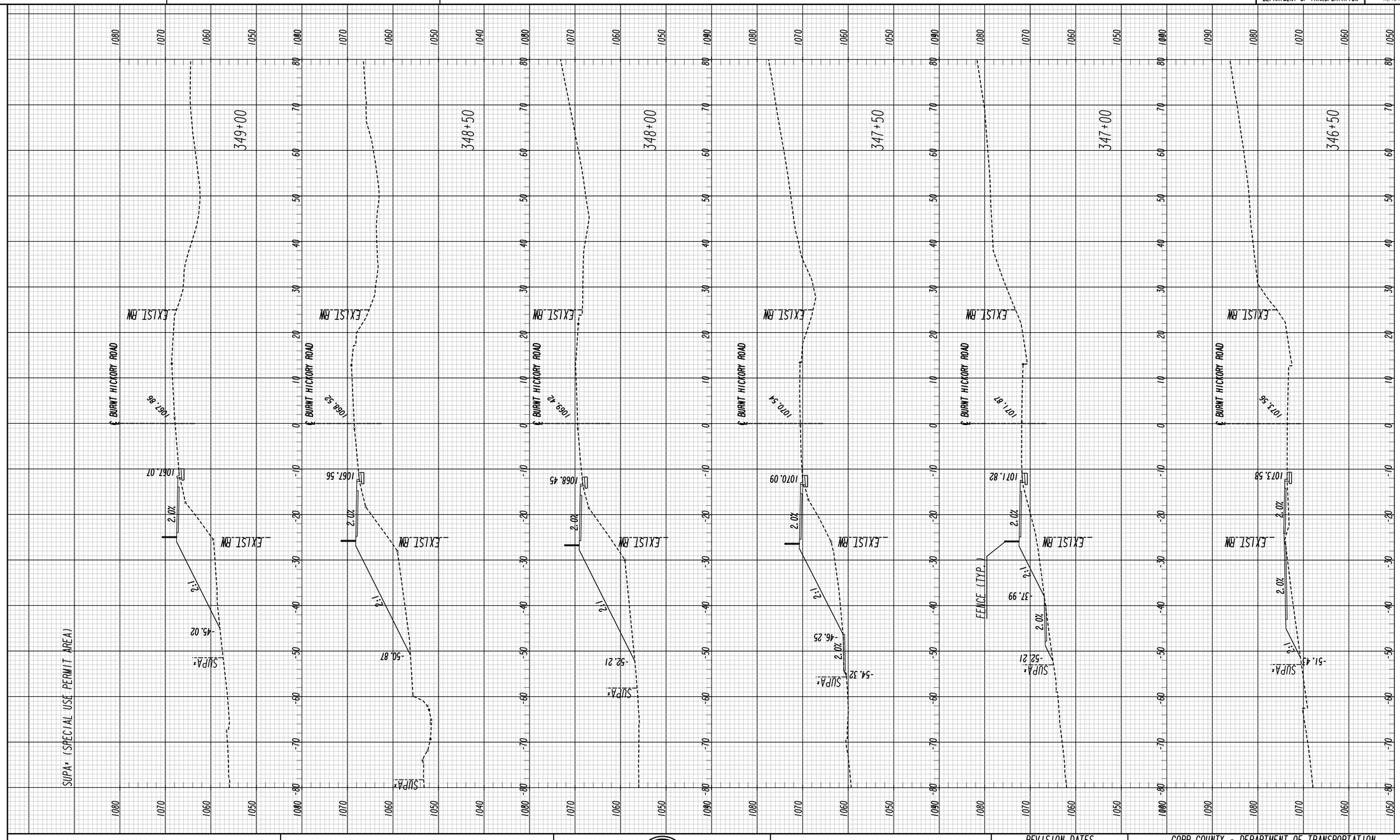
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0054
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

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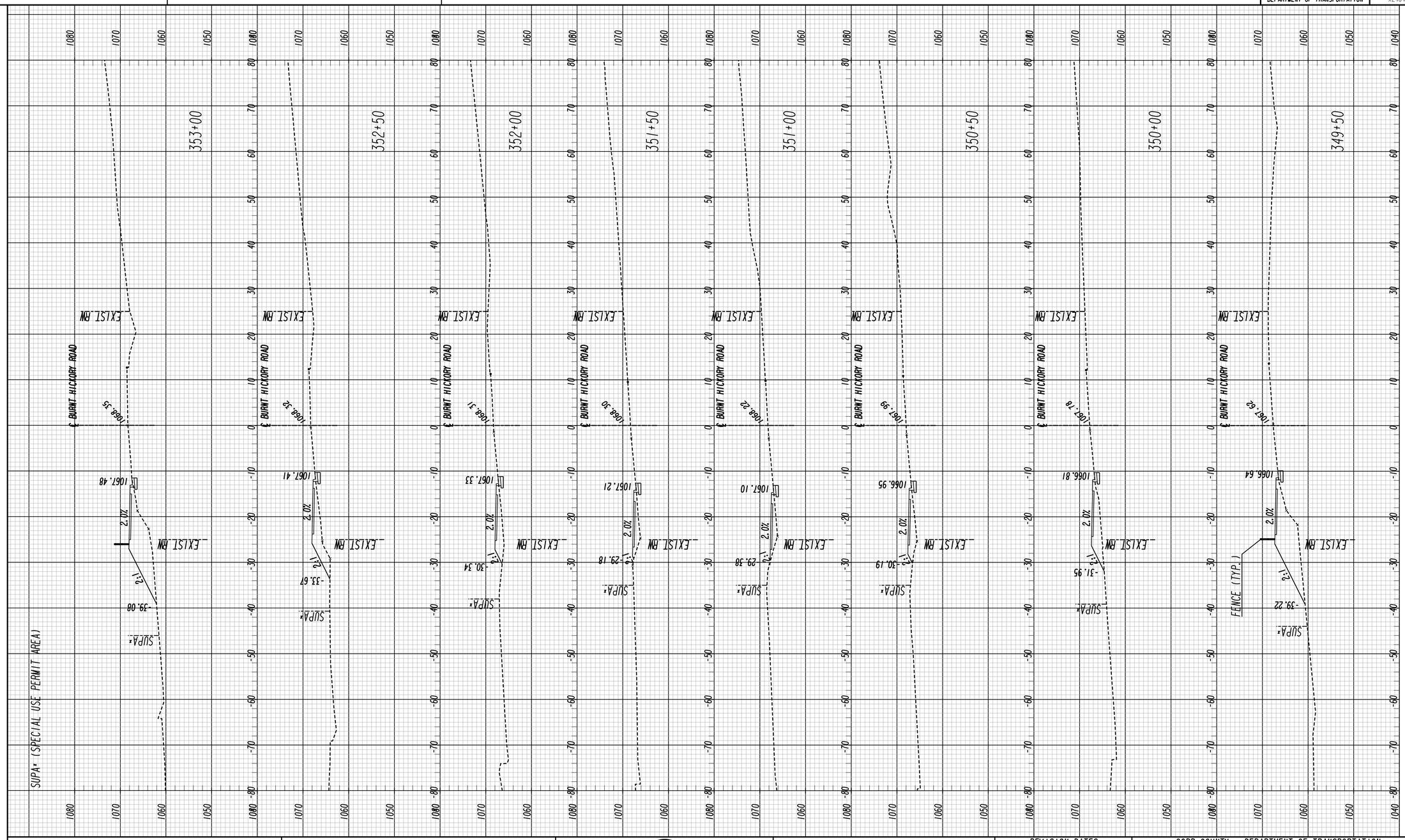
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
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DRAWING No.
23-0055

7/31/2015 SUXEN

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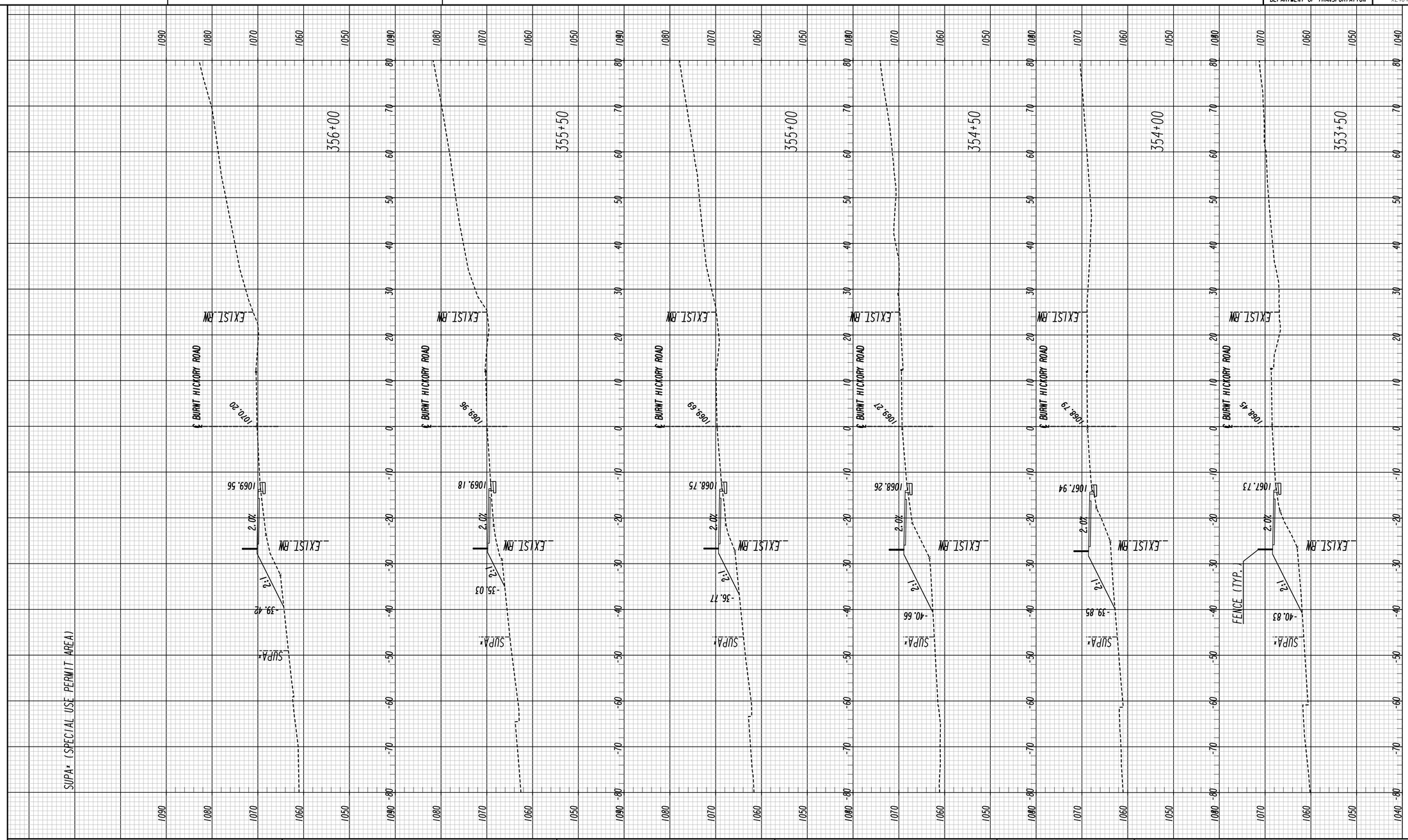
COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0056
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

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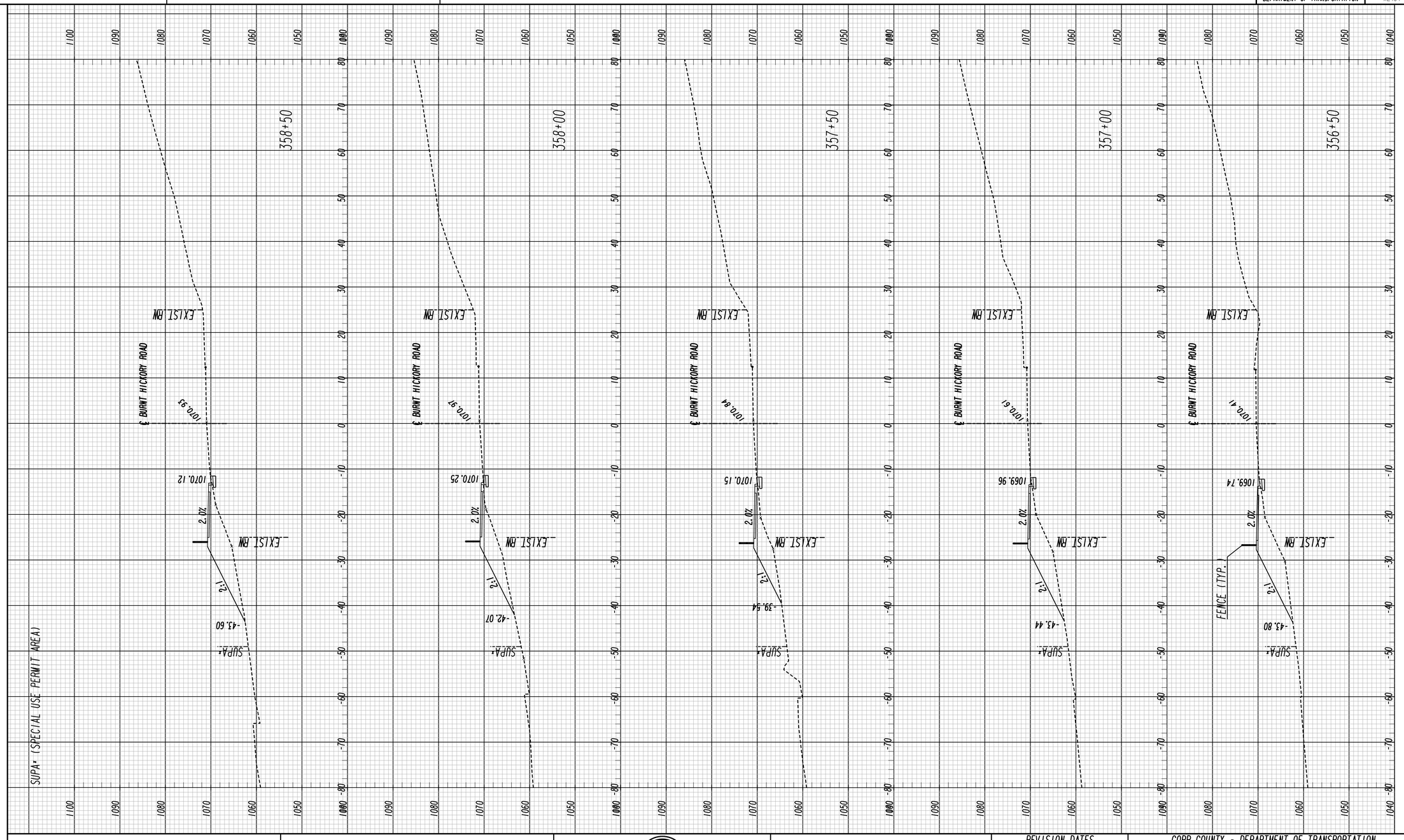

BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
1 INCH = 10 FEET HORIZ.

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0057
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

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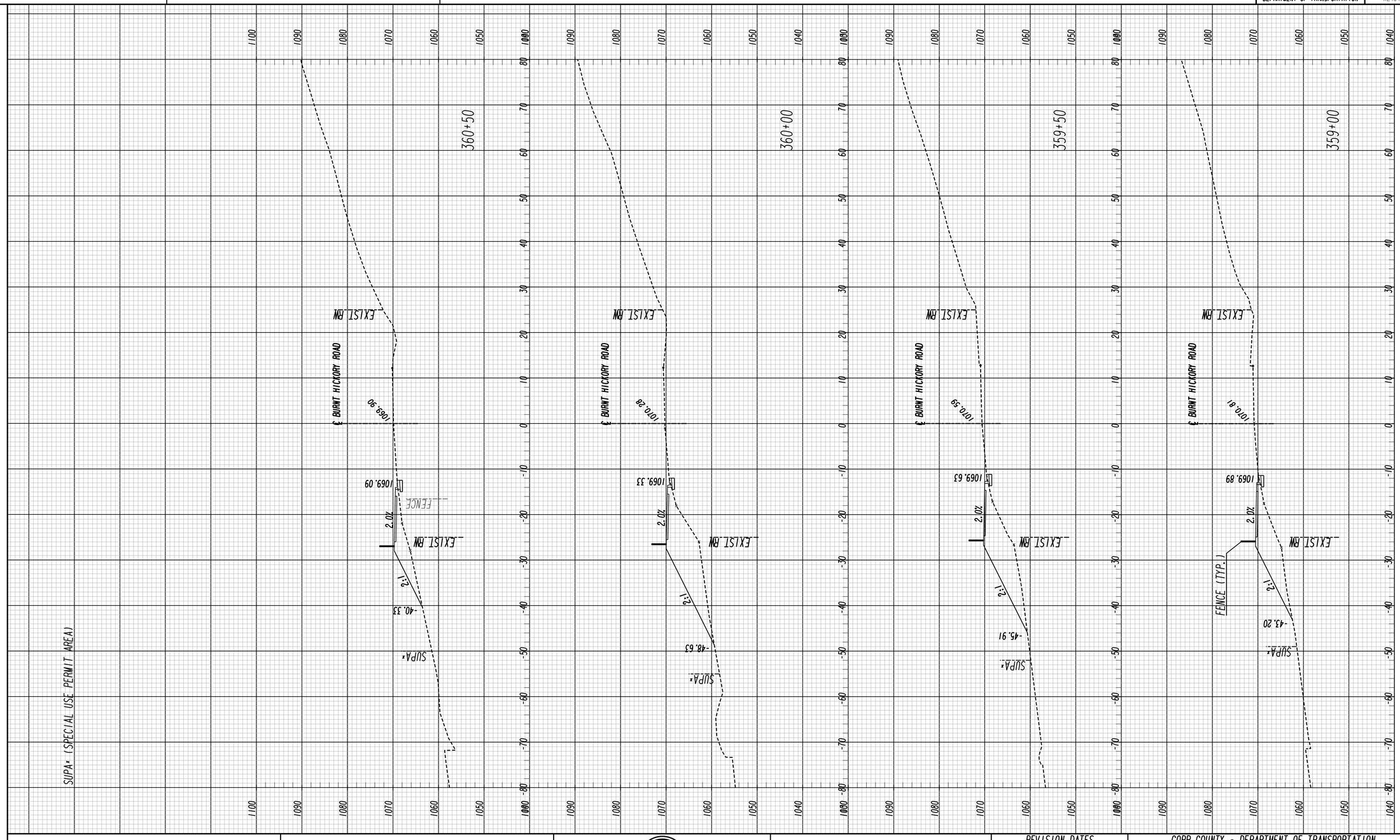
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



BURNT HICKORY RD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0058
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 SUXEN

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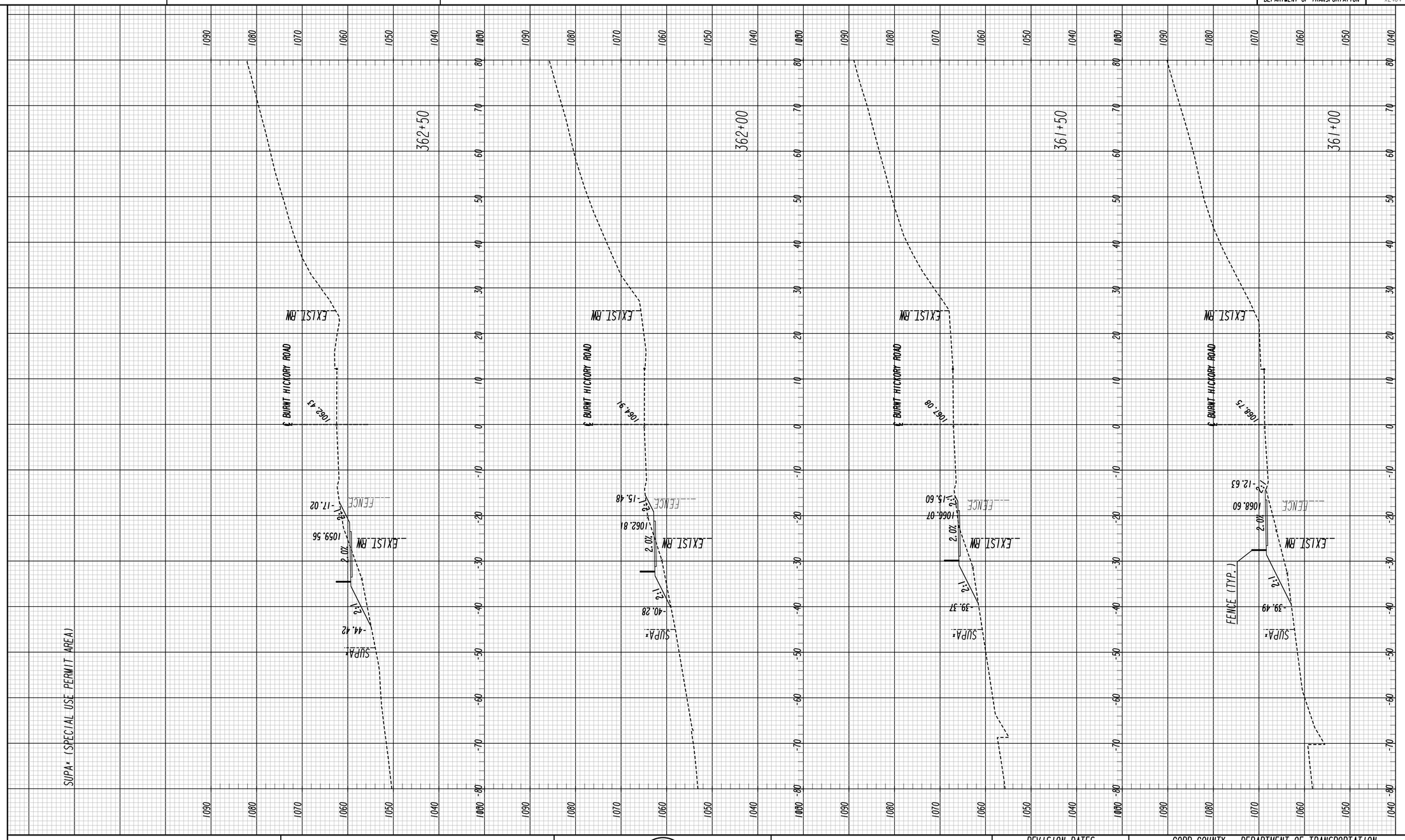
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



BURNT HICKORY RD

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
1 INCH = 10 FEET VERT.
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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23-0059

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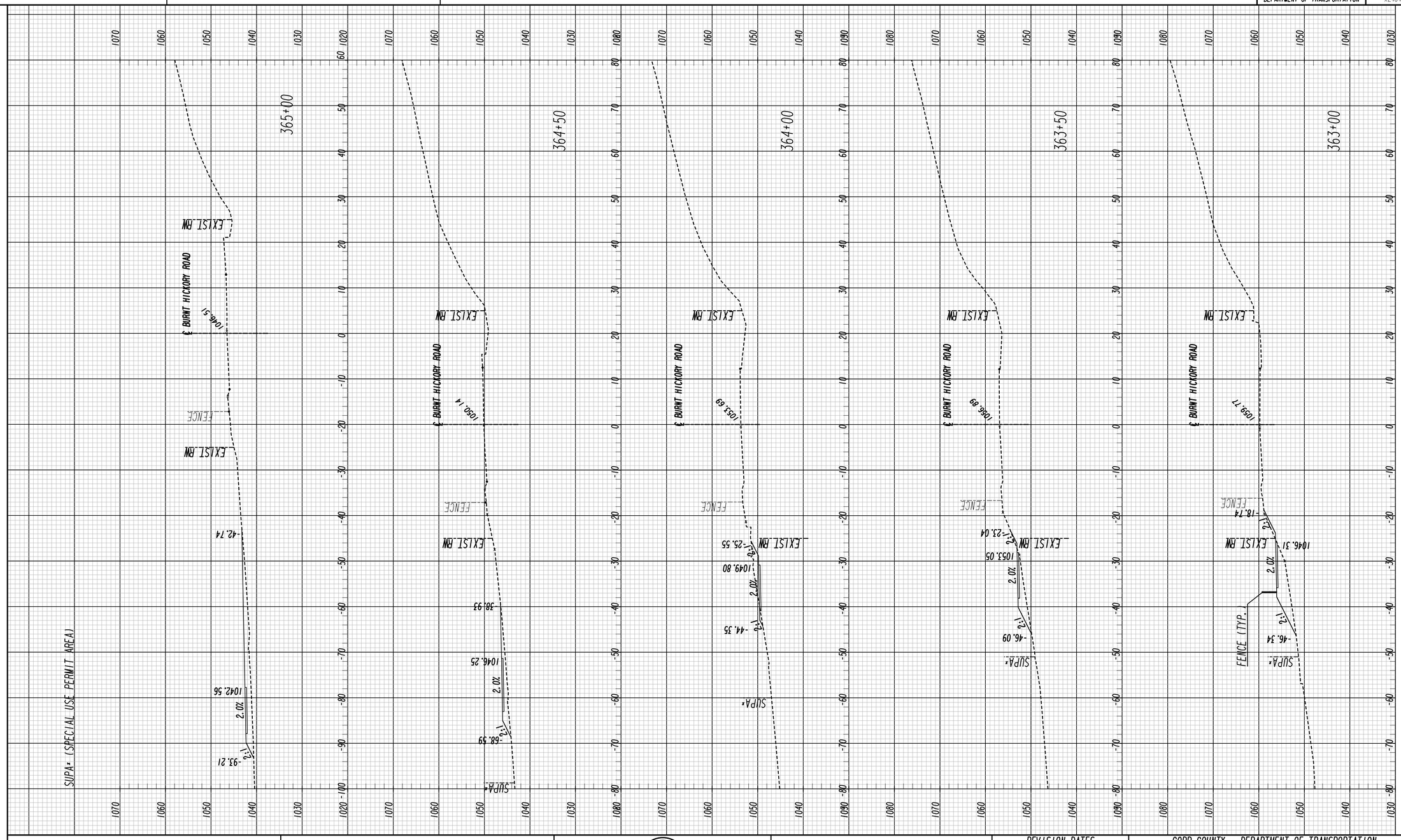

BURNT HICKORY RD

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE:
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		23-0060
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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

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SCALE:
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REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
23-0061

7/31/2015 SUXEN

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

UTILITY LINECODES

	EXISTING	TO BE REMOVED	PROPOSED	TYPE OF UTILITY
OVERHEAD	E	E	E	ELECTRIC
	E-T	E-T	E-T	ELECTRIC/TELECOMMUNICATIONS
	E-TV	E-TV	E-TV	ELECTRIC/CABLE TV
	E-TC	E-TC	E-TC	ELECTRIC/TRAFFIC CONTROL
	E-T-TV	E-T-TV	E-T-TV	ELECTRIC/TELECOMMUNICATIONS/CABLE TV
	E-T-TV-TC	E-T-TV-TC	E-T-TV-TC	ELECTRIC/TELECOMMUNICATIONS/CABLE TV/TRAFFIC CONTROL
	E-TV-TC	E-TV-TC	E-TV-TC	ELECTRIC/CABLE TV/TRAFFIC CONTROL
	E-T-TC-V	E-T-TC-V	E-T-TC	ELECTRIC/TELECOMMUNICATIONS/TRAFFIC CONTROL
	GW	GW	GW	GUY WIRE
	T	T	T	TELECOMMUNICATIONS
	T-TC	T-TC	T-TC	TELECOMMUNICATIONS/TRAFFIC CONTROL
	T-TV-TC	T-TV-TC	T-TV-TC	TELECOMMUNICATIONS/CABLE TV/TRAFFIC CONTROL
	T-TV	T-TV	T-TV	TELECOMMUNICATIONS/CABLE TV
	TV	TV	TV	CABLE TV
	TV-TC	TV-TC	TV-TC	CABLE TV/TRAFFIC CONTROL
	TC	TC	TC	TRAFFIC CONTROL
UNDERGROUND	E	E	E	ELECTRIC (QL-D)
	E(C)	E(C)		ELECTRIC (QL-C)
	E(B)	E(B)		ELECTRIC (QL-B)
	T	T	T	TELECOMMUNICATIONS (QL-D)
	T(C)	T(C)		TELECOMMUNICATIONS (QL-C)
	T(B)	T(B)		TELECOMMUNICATIONS (QL-B)
	TV	TV	TV	CABLE TV (QL-D)
	TV(C)	TV(C)		CABLE TV (QL-C)
	TV(B)	TV(B)		CABLE TV (QL-B)
	W	W	W	WATER (QL-D)
	W(C)	W(C)		WATER (QL-C)
	W(B)	W(B)		WATER (QL-B)
	**W	**W	**W	WATER FOR LABELED PIPE SIZES (QL-D)
	**W(C)	**W(C)		WATER FOR LABELED PIPE SIZES (QL-C)
	**W(B)	**W(B)		WATER FOR LABELED PIPE SIZES (QL-B)
	NW	NW	NW	NON-POTABLE WATER (QL-D)
	NW(C)	NW(C)		NON-POTABLE WATER (QL-C)
	NW(B)	NW(B)		NON-POTABLE WATER (QL-B)
	**NW	**NW	**NW	NON-POTABLE WATER FOR LABELED PIPE SIZES (QL-D)
	**NW(C)	**NW(C)		NON-POTABLE WATER FOR LABELED PIPE SIZES (QL-C)
	**NW(B)	**NW(B)		NON-POTABLE WATER FOR LABELED PIPE SIZES (QL-B)
	STM	STM	STM	STEAM (QL-D)
	STM(C)	STM(C)		STEAM (QL-C)
	STM(B)	STM(B)		STEAM (QL-B)
	**STM	**STM	**STM	STEAM FOR LABELED PIPE SIZES (QL-D)
	**STM(C)	**STM(C)		STEAM FOR LABELED PIPE SIZES (QL-C)
	**STM(B)	**STM(B)		STEAM FOR LABELED PIPE SIZES (QL-B)
	SS	SS	SS	SANITARY SEWER WITH FLOW DIRECTION (QL-D)
	SS(C)	SS(C)		SANITARY SEWER WITH FLOW DIRECTION (QL-C)
	SS(B)	SS(B)		SANITARY SEWER WITH FLOW DIRECTION (QL-B)
	Σ**SS	Σ**SS	Σ**SS	SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-D)
	Σ**SS(C)	Σ**SS(C)		SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-C)
	Σ**SS(B)	Σ**SS(B)		SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES (QL-B)
	SFM	SFM	SFM	SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION (QL-D)
	SFM(C)	SFM(C)		SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION (QL-C)
	SFM(B)	SFM(B)		SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION (QL-B)
	G	G	G	GAS (QL-D)
	G(C)	G(C)		GAS (QL-C)
	G(B)	G(B)		GAS (QL-B)
	**G	**G	**G	GAS FOR LABELED PIPE SIZES (QL-D)
	**G(C)	**G(C)		GAS FOR LABELED PIPE SIZES (QL-C)
	**G(B)	**G(B)		GAS FOR LABELED PIPE SIZES (QL-B)
	P	P	P	PETROLEUM (QL-D)
	P(C)	P(C)		PETROLEUM (QL-C)
	P(B)	P(B)		PETROLEUM (QL-B)
	**P	**P	**P	PETROLEUM FOR LABELED PIPE SIZES (QL-D)
	**P(C)	**P(C)		PETROLEUM FOR LABELED PIPE SIZES (QL-C)
	**P(B)	**P(B)		PETROLEUM FOR LABELED PIPE SIZES (QL-B)
	TC	FOR PROPOSED/TEMPORARY TRAFFIC CONTROL INFORMATION REFER TO TRAFFIC SIGNAL PLANS		TRAFFIC CONTROL (QL-D)
	TC(C)			TRAFFIC CONTROL (QL-C)
	TC(B)			TRAFFIC CONTROL (QL-B)
	UNK(B)	UNK(B)		UNKNOWN UTILITY FOUND IN SUE INVESTIGATION (QL-B)

UTILITY SYMBOLS

EXISTING	PROPOSED	TEMPORARY	
			UTILITY POLE/GUY POLE
			LIGHT POLE
			GUY ANCHOR
M	M	M	MARKER
X	X	X	SPLICE BOX
			CABINET
			VENT
E	E	E	ELECTRIC MANHOLE
H	H	H	HAND HOLE
E	E	E	TRANSFORMER
EM	EM	EM	ELECTRIC METER
E	E	E	ELECTRIC BOX
			TRANSMISSION TOWER
T	T	T	TELECOMMUNICATIONS MANHOLE
T	T	T	TELECOMMUNICATIONS PEDESTAL
SLC	SLC	SLC	SUBCRIBER LOOP CARRIER (aKa "SLICK")
			PHONE BOOTH
			CABLE TV PEDESTAL
TV	TV	TV	CABLE TV MANHOLE
W	W	W	WATER VALVE
WM	WM	WM	WATER METER
W	W	W	WATER MANHOLE
			FIRE HYDRANT ASSEMBLY (INCLUDES ASSOCIATED VALVE)
BFP	BFP	BFP	BACKFLOW PREVENTER
PIV	PIV	PIV	PRESSURE INDICATOR VALVE
ARV	ARV	ARV	AIR RELEASE VALVE
W	W	W	WELL
W	W	W	WATER VAULT
W	W	W	WATER VALVE MARKER
			STAND PIPE

EXISTING	PROPOSED	TEMPORARY	
			CLEANOUT
SS	SS	SS	SANITARY SEWER MANHOLE
ARV	ARV	ARV	AIR RELEASE VALVE
GT	GT	GT	GREASE TRAP
S	S	S	SANITARY SEWER FORCE MAIN VALVE
G	G	G	GAS VALVE
G	G	GM	GAS METER
G	G	G	GAS MANHOLE
GPR	GPR	GPR	GAS PRESSURE REGULATOR
G	G	G	GAS VAULT
GTS	GTS	GTS	GAS TEST STATION
P	P	P	PETROLEUM VALVE
TC	FOR PROPOSED/TEMPORARY TRAFFIC CONTROL INFORMATION REFER TO TRAFFIC SIGNAL PLANS		TRAFFIC CONTROL MANHOLE/ ELECTRIC COMMUNICATIONS BOX
			TRAFFIC CONTROL PEDESTRIAN SIGNAL/BUTTON POST

MISCELLANEOUS

LOS	LIMITS OF OVERHEAD AND SUBSURFACE UTILITY INVESTIGATION
TH	TEST HOLE (QL-A ONLY)
EOI	END OF INFORMATION
	QUALITY LEVEL (QL) DELINEATION
123	POLE ID
A01	SANITARY SEWER MANHOLE (SSMH) ID
C123	CONFLICT LOCATION (UTILITY IMPACT ANALYSIS (UIA) ONLY)

QUALITY LEVELS AND DEFINITIONS

QL-D DEPICTED ACCORDING TO UTILITY RECORD INFORMATION AND IN-FIELD VISUAL INSPECTION. NO ELECTRONIC DESIGNATING INFORMATION WAS OBTAINED.

QL-C EXISTING UTILITY STRUCTURES HAVE BEEN FIELD LOCATED AND SURVEYED TO ASSIST IN DEPICTING THE UTILITIES SHOWN ON RECORDS. NO ELECTRONIC DESIGNATING INFORMATION WAS OBTAINED.

QL-B INFORMATION WAS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROPRIATE HORIZONTAL POSITION OF THE SUBSURFACE UTILITIES. QL-B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED ONTO PLAN DOCUMENTS.

QL-A OBTAIN PRECISE HORIZONTAL AND VERTICAL POSITION OF THE UTILITY LINE BY EXCAVATING A TEST HOLE. THE TEST HOLE SHALL BE DONE USING VACUUM EXCAVATION OR COMPARABLE NONDESTRUCTIVE EQUIPMENT IN A MANNER AS TO CAUSE NO DAMAGE TO THE UTILITY LINE. AFTER EXCAVATING A TEST HOLE, A FIELD SURVEY SHALL BE PERFORMED TO DETERMINE THE EXACT LOCATION AND POSITION OF THE UTILITY LINE.

TELEPHONE PAIR SIZE TABLE

TELEPHONE PAIR SIZE	TELEPHONE CABLE DIAMETER
5 - 100	0.50 TO 2.00 IN
101 - 2400	UP TO 3.50 IN

GEORGIA 811
Utilities Protection Center, Inc.
Know what's **below.**
Call before you dig.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

UTILITY LEGEND

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
24-0000

7/31/2015 GPLN

N/F
U.S. GOVERNMENT
PID: 19033800010

SR 360/POWDER SPRINGS RD SW

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

ALL DEPTHS HAVE BEEN OBTAINED ELECTRONICALLY AND ARE FOR DESIGN PURPOSES ONLY. PHYSICAL VERIFICATION OF DEPTHS REQUIRED FOR CONSTRUCTION

L.L.L. 338 (APPROXIMATE)
L.L.L. 337 (APPROXIMATE)

EXISTING:
2" PLASTIC GAS MAIN
NOP: 45 PSIG

RETIRED:
2" STEEL GAS MAIN
(ESTIMATED LOCATION)

SR-5B92WT-072
BHAA-400
(2) 10W

EXIST. R/W

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

5' SIDEWALK

BEGIN PROJECT
BEGIN CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
CHEATHAM HILL ROAD
STA 10+60.00
N 1422988.1380
E 2166036.7443

EXISTING 8" DI WATER MAIN TO REMAIN IN SERVICE
EXISTING 6" DI WATER MAIN ABANDONED IN PLACE

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY LINE VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)

SR-5B92WT-072
BHAA-400
(2) 10W

Curve# 1
Curve# 2

N2°36'27.1"W

℄ CONSTRUCTION CHEATHAM HILL ROAD

N17°10'57.9"W

N19°42'09.3"W

10' TRAIL

RAW

EXIST. R/W

A1
A2
A3

ADJUST CATCH BASIN TO GRADE (SEE DRAWING 38-0004 FOR REQUIRED LID)

SPECIAL USE PERMIT AREA

1-RELOCATE EXISTING FIRE HYDRANT
1-6" HORIZONTAL EXTENSION
1-ADJUST VALVE BOX TO GRADE IN PAVEMENT

CALLAWAY RD SW

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
U.S. GOVERNMENT
PID: 19033700010
D.B. -, PG. -

Curve# 1
PI Sta= 12+58.40
N= 1423201.0622
E= 2166045.1395
DELTA= 14°34'30.8" (RT)
D= 11°27'32.96"
T= 63.94
L= 127.19
R= 500.00
E= 4.07

Curve# 2
PI Sta= 14+48.44
N= 1423391.5861
E= 2166036.4628
DELTA= 1°05'07.5" (LT)
D= 1°25'56.62"
T= 37.89
L= 75.78
R= 4000.00
E= 0.18

PI Sta= 11+50.57
N= 1423098.0377
E= 2166076.9969
DELTA= 2°31'11.4" (RT)

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

MATCH LINE STA. 14+50

DRAWING No. 24-0002

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0001

7/31/2015 GPLN

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

MATCH LINE STA. 14+50 DRAWING No. 24-0001

DRAWING No. 24-0003 MATCH LINE STA. 19+50

N/F U.S. GOVERNMENT PID: 19033800010

Curve* 2
PI Sta= 14+48.44
N= 1423391.5861
E= 2166036.4628
DELTA= 1°05'07.5" (LT)
D= 1°25'56.62"
T= 37.89
L= 75.78
R= 4000.00
E= 0.18

N/F U.S. GOVERNMENT PID: 19032900010

Curve* 3
PI Sta= 16+61.17
N= 1423603.8818
E= 2166022.7606
DELTA= 2°54'09.9" (RT)
D= 1°25'56.62"
T= 101.35
L= 202.65
R= 4000.00
E= 1.28

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK.

ESA - RESOURCE 12

ADJUST CATCH BASIN TO GRADE (SEE DRAWING 38-0004 FOR REQUIRED LID)

REMOVE & REPLACE SPLIT RAIL FENCE

END 10' HEADER CURB, TP A
BEGIN TURN UP *1
STA. 16+54.00
31.61' RT

EXISTING CROSSWALK

ADJUST CATCH BASIN TO GRADE (SEE DRAWING 38-0004 FOR REQUIRED LID)

SR-5B92MT-072 BHAA-400 (2) 10W

EXISTING: 2" PLASTIC GAS MAIN NOP: 45 PSIG

RETIRED: 2" STEEL GAS MAIN (ESTIMATED LOCATION)

PROPOSED 8" DIP WATER MAIN
1-CONNECT TO EXIST. 8" DI WATER (WET NO TAP)
1-8" M.J. SOLID SLEEVE

1-3/4" SERVICE LINE REPLACEMENT SHORT SIDE SERVICE

REMOVE EXIST. CATCH BASIN

RELOCATE PEDESTAL

ABANDONED 6" GV IN PAVEMENT
ABANDONED 6" AC WATER MAIN IN PLACE
EXISTING: 2" GAS VALVE

REMOVE & RESET EXIST. FLASHING BEACON

EXISTING 6" DI WATER MAIN ABANDONED IN PLACE

L.L.L. 338 (APPROXIMATE)
L.L.L. 329 (APPROXIMATE)
L.L.L. 338 (APPROXIMATE)
L.L.L. 337 (APPROXIMATE)
L.L.L. 330 (APPROXIMATE)

EXIST. R/W

15+00 16+00 17+00 18+00 19+00

Curve* 2 Curve* 3

℄ CONSTRUCTION CHEATHAM HILL ROAD N3°41'34.6"W

N0°47'24.7"W

10' TRAIL

EXIST. R/W REQ'D R/W

WOOD FENCE

ESA-RESOURCE 10

A4 A5 A5A A6 A6A

EXISTING 8" D.I.P. WATER MAIN TO REMAIN IN SERVICE

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

1-CONNECT TO 8" WATER MAIN (WET TAP)
1-8"X6" HYDRANT TEE
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT

END TURN UP *1
END TAPER
STA. 17+66.80
21.00' RT

SR-5B92MT-072 BHAA-400 (2) 10W

AT&T PED *1625

RELOCATE FIRE HYDRANT

REMOVE EXIST. PIPE

1-RELOCATE FIRE HYDRANT (HORIZ. EXTENSION) 6" D.I.P.

RESET GUY WIRE AS NEEDED

EXPOSE EXISTING 50 PR CABLE & RELOCATE PEDESTAL TO ALLOW STORM DRAIN & SIDEWALK TO BE BUILT

SPECIAL USE PERMIT AREA

DO NOT DISTURB SPLIT RAIL FENCE

TIE TO EXISTING

ESA - RESOURCE 10

COMCAST TO ADJUST COAX AS REQUIRED TO AVOID POTENTIAL CONFLICT WITH SYSTEM A & B

1
N/F
U.S. GOVERNMENT
PID: 19033700010
D.B. -, PG. -

2
N/F
FRANKLIN FERGUSON
1625 CHEATHAM HILL RD
PID: 19033000040
D.B. 10543, PG. 191

3
N/F
FRANK & NANCY HADDEN REVOCABLE LIVING TRUST
1615 CHEATHAM HILL RD
PID: 19033000070
D.B. 14889, PG. 3162

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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VERIFIED: DATE:

DRAWING No. 24-0002

7/31/2015 GPLN

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)

N

MATCH LINE STA. 19+50

DRAWING No. 24-0002

DRAWING No. 24-0004

MATCH LINE STA. 24+50

N/F
U.S. GOVERNMENT
CHEATHAM HILL RD
PID: 19032900010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

20+00 21+00 22+00 23+00 24+00

1-REMOVE EXIST. WATER METER & BOX
1-INSTALL NEW 3/4" WATER METER BOX
1-(3/4") SERVICE LINE REPLACEMENT SHORT SIDE

EXISTING:
2" PLASTIC GAS MAIN
NOP: 45 PSIG

8" MISC. BENDS AS REQUIRED

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

1-8"X6" HYDRANT TEE
1-6" GV ASSEMBLY
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT ASSEMBLY

1-REMOVE EXIST. WATER METER & BOX
1-INSTALL NEW 3/4" WATER METER BOX
1-(3/4") SERVICE LIINE REPLACEMENT SHORT SIDE

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 2

EXIST. R/W

L.L.L. 329 (APPROXIMATE)
E.L.L. 330 (APPROXIMATE)

N0°47'24.7"W

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°15'09.8"W

REMOVE EXIST. PIPE

AFAW-50
AFAW-600

SR-5B92WT-072
BHAA-400
(2) 10M

REQ'D R/W

10' TRAIL

24"RCP

18"

PROPOSED 8" DIP WATER MAIN TO CROSS BELOW PROPOSED STORM MISC. BENDS AS REQD. MAINTAIN 12" MIN. CLEARANCE

EXISTING 6" AC WATER MAIN TO REMAIN IN SERVICE

AT&T PED #1605

RELOCATE PEDESTALS

EXPOSE EXISTING 50 PR CABLE & RELOCATE PEDESTAL TO ALLOW STORM DRAIN & SIDEWALK TO BE BUILT

A7 A9 A13

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

PROPOSED 8" DIP WATER MAIN

PROPOSED 8" DIP WATER MAIN TO CROSS BELOW PROPOSED STORM MISC. BENDS AS REQD. MAINTAIN 12" MIN. CLEARANCE

REMOVE FENCE

3
N/F
FRANK & NANCY HADDEN REVOCABLE LIVING TRUST
1615 CHEATHAM HILL RD
PID: 19033000070
D.B. 14889, PG. 3162

4
N/F
DAVID SKILLING
1605 CHEATHAM HILL RD
PID: 19033000050
D.B. 15309, PG. 5371

5
N/F
GRUBER DAVID
1495 KOLB LN
PID: 19033000180
D.B. 14926, PG. 2530

COMCAST TO ADJUST COAX AS REQUIRED TO AVOID POTENTIAL CONFLICT WITH SYSTEM A & B

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

WETLAND 1

INTERMITTENT STREAM 2

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
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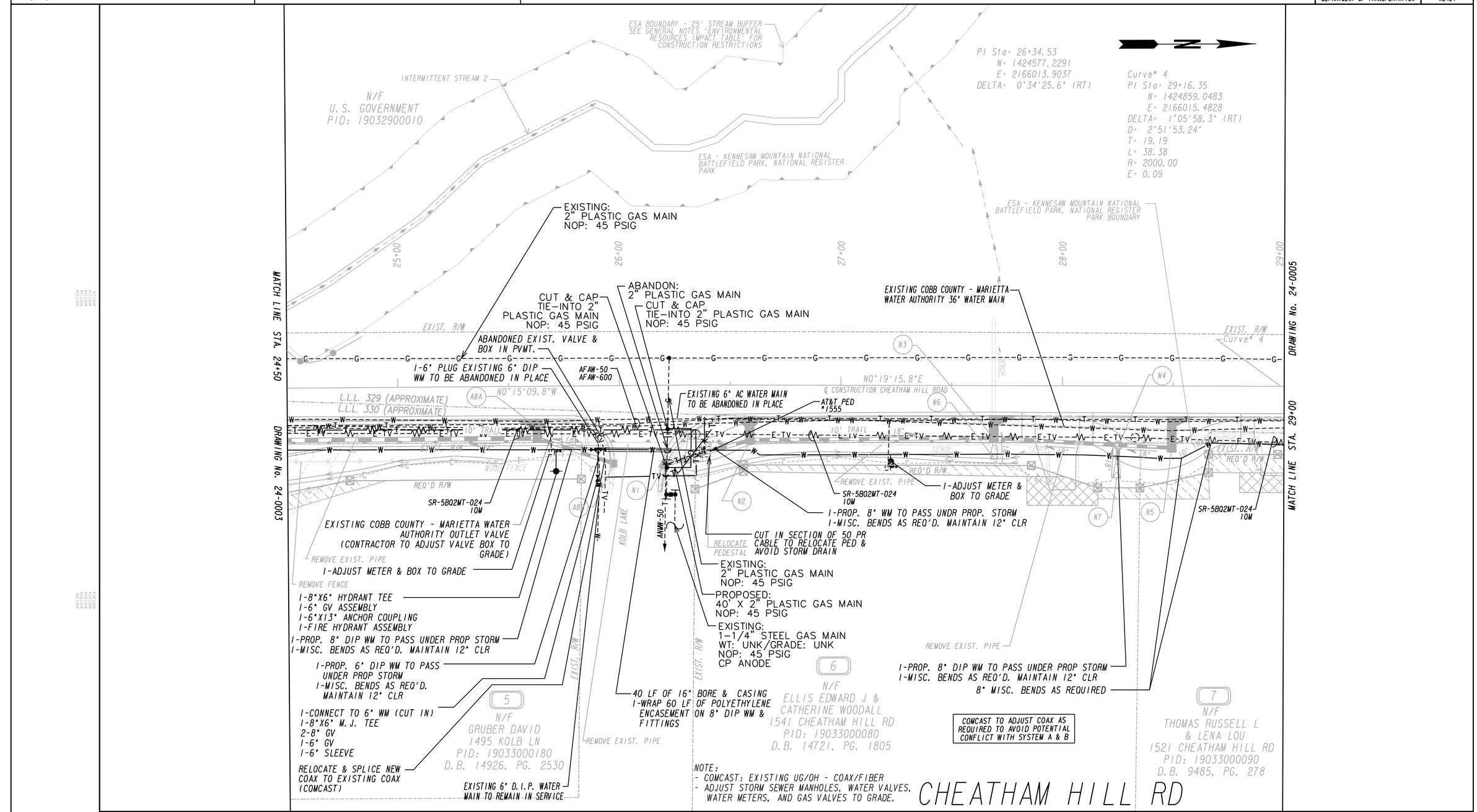
7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0004

7/31/2015 GPLN

MATCH LINE STA. 29+00 — DRAWING No. 24-0004

MATCH LINE STA. 34+50 — DRAWING No. 24-0006

Curve# 4
PI Sta= 29+16.35
N= 1424859.0483
E= 2166015.4828
DELTA= 1°05'58.3" (RT)
D= 2°51'53.24"
T= 19.19
L= 38.38
R= 2000.00
E= 0.09

PI Sta= 31+20.89
N= 1425063.5287
E= 2166020.5537
DELTA= 0°21'14.6" (RT)

Curve# 5
PI Sta= 34+15.11
N= 1425357.6111
E= 2166029.6653
DELTA= 3°46'11.2" (LT)
D= 5°43'46.48"
T= 32.91
L= 65.80
R= 1000.00
E= 0.54

L.L.L. 329 (APPROXIMATE)
L.L.L. 264 (APPROXIMATE)

N/F
U.S. GOVERNMENT
PID: 19032900010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
J.G. ANDERSON
1484 CHEATHAM HILL RD
PID: 19026400030
D.B. 14511, PG. 2582

N/F
MERITAGE HOMES OF GEORGIA INC.
1613 BUNTING FOREST CT
PID: 19026400460
D.B. 15212, PG. 2547

N/F
DANIEL MAHONY
1600 BUNTING FOREST CT
PID: 19026400470
D.B. 15434, PG. 3854

29+00 30+00 31+00 32+00 33+00 34+00

EXISTING:
2" PLASTIC GAS MAIN
NOP: 45 PSIG

1-REMOVE EXIST. FIRE HYDRANT
2-ABANDON EXIST. VALVE BOX IN PVMT.

ABANDON:
2" PLASTIC GAS MAIN

PROPOSED:
40' X 2" PLASTIC GAS MAIN
NOP: 45 PSIG

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

RECONSTRUCT CB

END MILL & INLAY STA 33+26.71

REMOVE EXIST. PIPE BEGIN MILL & INLAY STA 33+06.71

REMOVE EXIST. PIPE

EXIST. R/W

Curve# 4 N1°25'14.1"E

N1°46'28.7"E

℄ CONSTRUCTION CHEATHAM HILL ROAD

Curve# 5

REMOVE EXIST. DROP INLET & PIPE

AFAW-50
AFAW-600

AT&T PED #1485

10' TRAIL

18" CMP

15" CMP

REQ'D R/W

SR-5B02WT-024 10W

RELOCATE FIRE HYDRANT

RELOCATE PEDESTAL

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

1-8"X6" HYDRANT TEE
1-6" GV ASSEMBLY
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT ASSEMBLY

CUT IN SECTION OF 50 PR CABLE TO RELOCATE PED & AVOID STORM DRAIN

1-REMOVE EXIST WATER METER & BOX
1-INSTALL NEW 3/4" METER & BOX TO GRADE
1-3/4" SERVICE LINE REPLACEMENT SHORT SIDE

1-REMOVE EXIST. WATER METER & BOX
1-INSTALL NEW 3/4" METER & BOX TO GRADE
1-3/4" SERVICE LINE REPLACEMENT SHORT SIDE

CUT & CAP
TIE-INTO 2" PLASTIC GAS MAIN
NOP: 45 PSIG

1-MISC. BENDS AS REQ'D

1-REMOVE EXIST. WATER METER & BOX
1-INSTALL NEW 3/4" METER & BOX TO GRADE
1-3/4" SERVICE LINE REPLACEMENT SHORT SIDE

COMCAST TO ADJUST COAX AS REQUIRED TO AVOID POTENTIAL CONFLICT WITH SYSTEM A & B

REMOVE CONC WALL TO STA 32+37, 41.00' RT. END OF WALL TO BE FINISHED WITH REMOVED MATERIAL TO MATCH EXISTING FINISH. COST TO BE INCLUDED IN GRADING COMPLETE

1-REMOVE EXIST WATER METER & BOX
1-1" SERVICE LINE REPLACEMENT SHORT SIDE

REMOVE EXIST. PIPE
CONTRACTOR SHALL ENSURE LOW POINT IS NOT PLACED IN DRIVEWAY. GRADE TO DRAIN.

SR-5B02WT-048 10W

DO NOT DISTURB EXISTING WALL

DO NOT DISTURB WOOD FENCE

CUT & CAP
TIE-INTO 2" PLASTIC GAS MAIN
NOP: 45 PSIG

AT&T PED #1454

CUT IN SECTION OF 50 PR CABLE TO RELOCATE PED & AVOID STORM DRAIN

PROP. 8" DIP WM TO CROSS BELOW PROP. STRM MISC. BENDS AS REQ'D. MAINTAIN 12" CLR

7 N/F
THOMAS RUSSELL L & LENA LOU
1521 CHEATHAM HILL RD
PID: 19033000090
D.B. 9485, PG. 278

8 N/F
WIGLEY SHANNON L & APRIL
1511 CHEATHAM HILL RD
PID: 19026300280
D.B. 12158, PG. 257

9 N/F
CHARLES KERSEY
1505 CHEATHAM HILL RD
PID: 19026300260
D.B. 14194, PG. 5337

10 N/F
KRISTOPHER FREEMAN
1495 CHEATHAM HILL RD
PID: 19026300290
D.B. 14542, PG. 1883

11 N/F
SUTTON ZACHERY A & DUNLAP LAJUINESE T
1480 LIVINGSTON DR
PID: 19026300250
D.B. 15245, PG. 4186

L.L.L. 330 (APPROXIMATE)
L.L.L. 263 (APPROXIMATE)

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- COMCAST TO TRANSFER/RELOCATE/REBUILD EXISTING AERIAL COAX/FOC PLANT TO NEW POLE LINE INCLUDING RISERS/UG ADJUSTMENTS AS REQUIRED
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

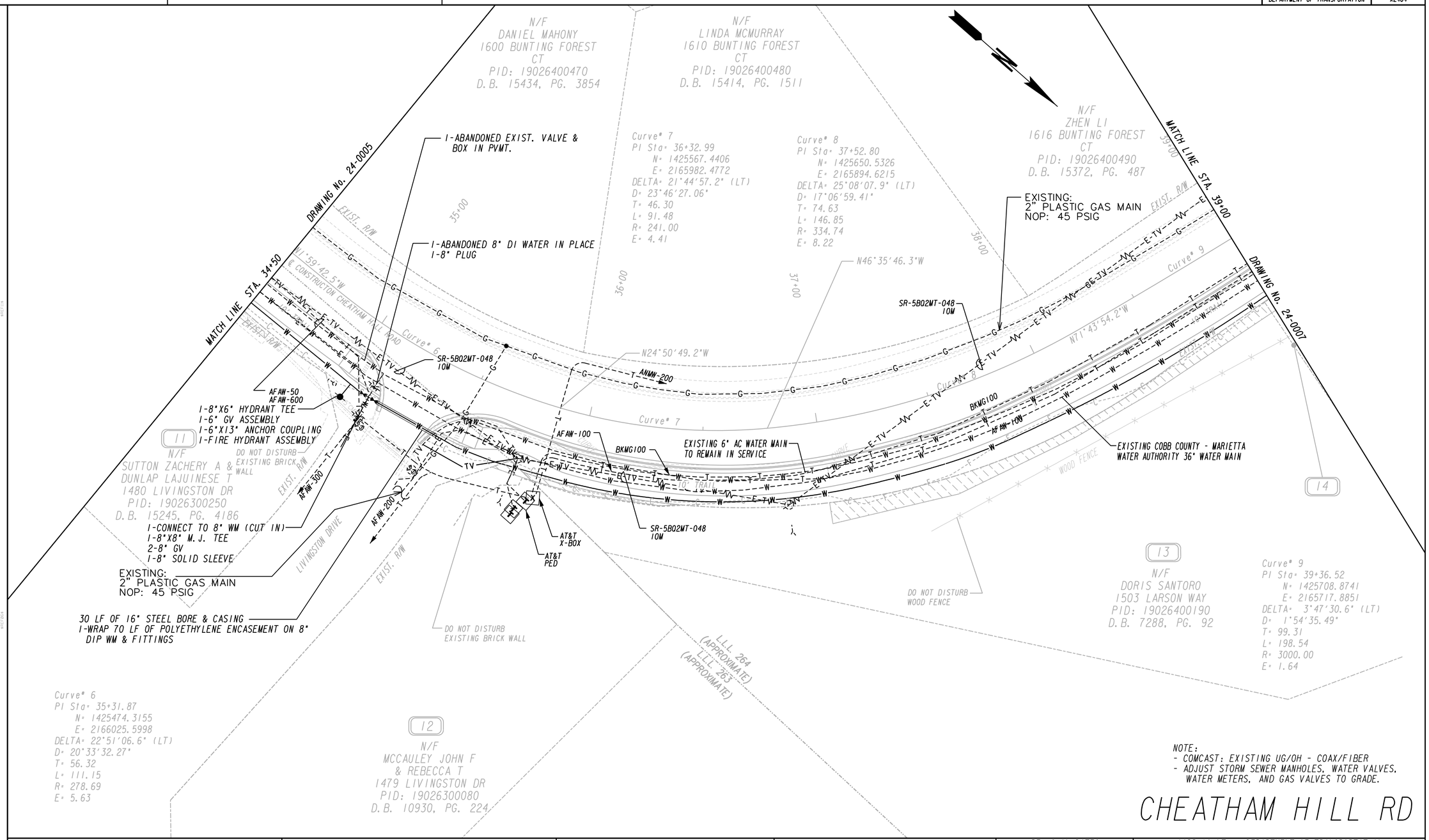
CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0005

7/31/2015 GPLN

8/6/2020 4:54:31 PM | $PRF8$ | J:\2017030\0015279\DGN\0015279_24-0006_(CH).dgn | COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

USER:jkelly



NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0006

7/31/2015 GPLN

8/6/2020 4:54:36 PM | $PRF8$ | J:\2017030\0015279\DGN\0015279_24-0007_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

Curve° 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

N/F
FERNAN PERALTA
1622 BUNTING FOREST CT
PID: 19026400500
D.B. 15347, PG. 277

N/F
ZHEN LI
1616 BUNTING FOREST CT
PID: 19026400490
D.B. 15372, PG. 487

N/F
MERITAGE HOMES OF GEORGIA INC.
1628 BUNTING FOREST CT
PID: 19026400510
D.B. 15212, PG. 2547

N/F
ANDREW LAX
1628 BUNTING FOREST CT
PID: 19026400520
D.B. 15414, PG. 1069

N/F
CORALIE WILLS
1505 LARSON WAY
PID: 19026400200
D.B. 14629, PG. 157

N/F
DURAN RODRIGUEZ
1640 BUNTING FOREST CT
PID: 19026400530
D.B. 15406, PG. 383

DRAWING No. 24-0006 STA. 39+00 MATCH LINE

DRAWING No. 24-0008 STA. 43+50 MATCH LINE

39+00 40+00 41+00 42+00 43+00

SR-5B02WT-048 10W

SR-5B02WT-048 10W

CUT IN SECTION OF 50 PR CABLE TO RELOCATE PED & AVOID SIDEWALK

SR-5B02WT-048 10W

EXIST. R/W

18"RCP

ANMW-300

1-REMOVE EXIST. FIRE HYDRANT

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

Curve° 9

℄ CONSTRUCTION CHEATHAM HILL ROAD

N75°31'24.8"W

BKWG100

BKWG100

WAFAW-100

AFAW-100

10' TRAIL

EXIST. R/W

AT&T PED

RELOCATE PEDESTAL

RELOCATE FIRE HYDRANT

WOOD FENCE

DO NOT DISTURB WOOD FENCE

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

1-INSTALL FIRE HYDRANT
1-HORIZONTAL EXTENSION

EXISTING:
2" PLASTIC GAS MAIN
NOP: 45 PSIG

DO NOT DISTURB WOOD FENCE

1-CONNECT TO EXIST. 6" WM (CUT IN)
1-8"X6" MJ TEE

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY OUTLET VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)

14
N/F
RING PATRICK J
& DIONNE C
1505 LARSON WAY
PID: 19026400200
D.B. 14629, PG. 157

15
N/F
CORALIE WILLS
1507 LARSON WAY
PID: 19026400210
D.B. 10400, PG. 293

16
N/F
MICHAEL HAMLIN
1421 LIVINGSTON DR
PID: 19026400230
D.B. 14392, PG. 4703

13
N/F
DORIS SANTORO
1503 LARSON WAY
PID: 19026400190
D.B. 7288, PG. 92

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		24-0007
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

8/6/2020 4:54:41 PM | $PRF8$ | J:\2017030\0015279\DGN\0015279_24-0008_(CH).dgn | COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

USER:jkelly

N/F
CORALIE WILLS
1505 LARSON WAY
PID: 19026400200
D.B. 14629, PG. 157

N/F
MERITAGE HOMES OF GEORGIA INC.
1348 TANAGER BRIDGE CT
PID: 19026400250
D.B. 15212, PG. 2547

N/F
SF AEW ACQUISITION
TANAGER BRIDGE CT
PID: 19026400560
D.B. 14621, PG. 1881

Curve° 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15"
T= 78.28
L= 155.70
R= 605.91
E= 5.04

TANAGER BRIDGE COURT

EXIST. R/W

DRAWING No. 24-0007

DRAWING No. 24-0009

MATCH LINE STA. 43+50

MATCH LINE STA. 47+50

44+00 45+00 46+00 47+00

SR-5B02MT-048
10M

EXISTING:
2" PLASTIC GAS MAIN
NOP: 45 PSIG

2-ABANDON EXIST. VALVE BOX IN PVMT.

(1) ASW-1

1-CONNECT TO 6" WM (CUT IN)
1-8"X6" M.J. TEE
1-6" M.J. SLEEVE
1-6" M.J. PLUG

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

© CONSTRUCTION CHEATHAM HILL ROAD N75°31'24.8"W

BKWG100

DO NOT DISTURB CREPE MYRTLE

DO NOT DISTURB WOOD FENCE

AFAW-100

8" MISC. BENDS AS REQ'D.

1-CONNECT TO 6" WM (CUT IN)
1-8"X6" M.J. TEE
2-8" GV
1-6" M.J. SLEEVE
1-MISC. BENDS AS REQ'D.

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

DO NOT DISTURB PINE TREES

1-8"X6" HYDRANT TEE
1-6" GV ASSEMBLY
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT ASSEMBLY

WYCKFORD

LIVINGSTON DRIVE

DO NOT DISTURB WOOD FENCE

DO NOT DISTURB EXISTING WALL

1-6" M.J. PLUG

40 LF OF 16" STEEL BORE & CASING
1-WRAP 60 LF OF POLYETHYLENE ENCASEMENT ON 8" DIP WM & FITTINGS

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

WETLAND 3

16
N/F
MICHAEL HAMLIN
1421 LIVINGSTON DR
PID: 19026400230
D.B. 14392, PG. 4703

17
N/F
ERIC MITCHELL
1404 LIVINGSTON DR
PID: 19026400040
D.B. 14858, PG. 4733

18
N/F
RIDENOUR REC & HOA INC
1195 WARD CREEK DR
PID: 19026400240
P.B. 134, PG. 83

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		24-0008
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

Curve# 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15"
T= 78.28
L= 155.70
R= 605.91
E= 5.04

Curve# 11
PI Sta= 48+19.55
N= 1425958.9266
E= 2164873.6330
DELTA= 13°48'07.8" (RT)
D= 16°57'01.48"
T= 40.91
L= 81.43
R= 338.02
E= 2.47

Curve# 12
PI Sta= 49+50.52
N= 1426048.5158
E= 2164777.5669
DELTA= 28°43'54.9" (RT)
D= 17°31'31.43"
T= 83.73
L= 163.94
R= 326.93
E= 10.55

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve# 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW
PID: 19025400010
D.B. 3921, PG. 118

N/F
SF AEW ACQUISITION
TANAGER BRIDGE CT
PID: 19026400560
D.B. 14621, PG. 1881

48+00
49+00
50+00
51+00

MATCH LINE STA. 47+50

DRAWING No. 24-0008

DRAWING No. 24-0010

MATCH LINE STA. 51+50

EXIST. R/W

Curve# 10 N60°48'00.8"W

Curve# 11

Curve# 12

Curve# 13

N18°15'58.0"W

CONSTRUCTION CHEATHAM HILL ROAD

SPI

BKMG100

BKMS-50

L.L.L. 265 (APPROXIMATE)

L.L.L. 264 (APPROXIMATE)

1-REMOVE EXISTING FIRE HYDRANT
1-ABANDON EXISTING VALVE BOX IN PVMT.

RELOCATE FIRE HYDRANT OUT OF TRAIL

PROPOSED 8" DIP WATER MAIN

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

PROPOSED 8" DIP WM TO CROSS BELOW PROP STORM MISC. BENDS AS REQ'D. MAINTAIN 12" MIN. CLR

SPECIAL DESIGN SPILLWAY
STA. 50+18.51
17.96' RT
SEE DRAWING 38-0001 FOR DETAILS

1-8"X6" HYDRANT TEE
1-6" GV ASSEMBLY
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT ASSEMBLY

WETLAND 3

REQ'D R/W

RELOCATE GUY ANCHOR

18
N/F
RIDENOUR REC & HOA INC
1195 WARD CREEK DR
PID: 19026400240
P.B. 134, PG. 83

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		24-0009
VERIFIED:		DATE:		

7/31/2015 GPLN

Curve# 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

PI Sta= 53+26.41
N= 1426420.7589
E= 2164722.1755
DELTA= 1°21'02.1" (RT)

L.L.L. 265 (APPROXIMATE)
L.L.L. 254 (APPROXIMATE)

N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW
PID: 19025400010
D.B. 3921, PG. 118

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PERENNIAL STREAM 4 WARD CREEK

20' SANITARY SEWER ESM'T

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

1-CONNECT TO EXIST. 8" DIP WM (WET NO TAP)
1-ABANDON EXISTING VALVE BOX IN PVMT
1-8" SOLID SLEEVE
1-6" PLUG

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY OUTLET VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)

52+00 53+00 54+00 55+00 56+00

8" MISC. BENDS AS REQ'D.

1-ABANDON EXIST. VALVE BOX IN PVMT. 1-6" PLUG

BKWS-50
EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

BKWS-50
EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

MATCH LINE STA. 51+50

DRAWING No. 24-0009

DRAWING No. 24-0011

MATCH LINE STA. 56+50

C8 C9 C7 D5 D6

EXIST. R/W

REMOVE & RESET GATE

L.L.L. 264 (APPROXIMATE)

L.L.L. 254 (APPROXIMATE)

L.L.L. 255 (APPROXIMATE)

Curve# 13

N0°13'19.6"E

@ CONSTRUCTION CHEATHAM HILL ROAD

4E-TV-42.5'W

CAUTION WARD CREEK 18' 8' TRAIL

8' TRAIL

EXIST. R/W

REQ'D R/W

RELOCATE FIRE HYDRANT

EXISTING FIRE HYDRANT TO REMAIN IN SERVICE

TRACT 3

EXISTING 8" DI WATER MAIN TO REMAIN IN SERVICE

TRACT 1

1-CONNECT TO EXISTING 8" DIP WM (WET NO TAP)
1-8" SOLID SLEEVE

S.S.M.H.
RIM: 948.94
INACCESSIBLE

NO ACCESS BUFFER & LANDSCAPE ESM'T

1-8"X6" HYDRANT TEE
1-6" GV ASSEMBLY
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT ASSEMBLY

18
N/F
RIDENOUR REC & HOA INC
1195 WARD CREEK DR
PID: 19026400240
P.B. 134, PG. 83

19
N/F
SENTINEL WEST HOA
1195 WARD CREEK DR
PID: 19025500160
P.B. 126, PG. 95

WETLAND 3

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PERENNIAL STREAM 4 WARD CREEK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0010

7/31/2015 GPLN

8/6/2020 4:54:56 PM | $PRF8$ | J:\2017030\0015279\DGN\0015279_24-0011_(CH).dgn | COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

USER:jkelly

PI Sta= 60+97.14
N= 1427191.4877
E= 2164725.1633
DELTA= 0°30'22.2" (LT)

N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW
PID: 19025400010
D.B. 3921, PG. 118

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19025400030
D.B. 2358, PG. 165

MATCH LINE STA. 56+50

DRAWING No. 24-0010

57+00 58+00 59+00 60+00 61+00 62+00

MATCH LINE STA. 62+00

DRAWING No. 24-0012

1-REMOVE EXIST. FIRE HYDRANT
1-ABANDON EXIST. VALVE BOX IN PVMT.

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY OUTLET VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)

1-ABANDON EXIST. VALVE BOX IN PVMT.

BKWS-50

8" MISC. BENDS AS REQ'D.

BKWS-50
BKWA-600

REMOVE & RESET WOOD FENCE TO INSTALL PIPE

EXIST. R/W

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

TRACT 2

L.L.L. 254 (APPROXIMATE)
L.L.L. 255 (APPROXIMATE)

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°17'02.6"W

N0°13'19.6"E

RELOCATE HISTORIC SIGN TO STA. 57+07.00

DO NOT DISTURB WOOD FENCE

10' TRAIL

AFAW-600

EXIST. R/W

WOOD FENCE

REQ'D R/W

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

PROP. 8" DIP WM TO CROSS BELOW PROP. STORM MISC. BENDS AS REQ'D. MAINTAIN 12" MIN. CLR

J3

1-8"X6" M.J. TEE
1-6"X6" M.J. TEE
1-CONNECT TO 6" WATER MAIN (CUT IN)
2-8" GV
1-6" GV
1-6" SOLID SLEEVE

TRACT 2
REMOVE WOOD FENCE

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

NO ACCESS BUFFER & LANDSCAPE ESM'T

8" MISC. BENDS AS REQ'D.

RELOCATE FIRE HYDRANT

DO NOT DISTURB EXISTING WALL

NO ACCESS BUFFER & LANDSCAPE ESM'T

STA 59+55 TO 78+30 RT
RELOCATE EXISTING AERIAL 50 PR & 600 PR BURIED CABLE TO NEW COBB EMC POLES ON WEST SIDE OF ROAD

1-8"X6" HYDRANT TEE
1-6" GV ASSEMBLY
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT ASSEMBLY

EXISTING:
2" PLASTIC GAS MAIN
NOP: 60 PSIG

50 LF OF 16" STEEL BORE & CASING
1-WRAP 60 LF OF POLYEHYLENE ENCASEMENT ON 8" DIP WATER MAIN & FITTINGS

1-6" PLUG EXISTING 6" DIP WATER MAIN TO BE ABANDONED IN PLACE

EXIST. R/W

WARD CREEK DRIVE

EXIST. R/W

J2

DO NOT DISTURB EXISTING WALL

TRACT 1

20

N/F
JOHN EDISON
1188 WARD CREEK DR
PID: 19025500020
D.B. 13490, PG. 328

20' DRAINAGE ESM'T

19

N/F
SENTINEL WEST HOA
1195 WARD CREEK DR
PID: 19025500160
P.B. 126, PG. 95

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		24-0011
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

PI Sta= 64+61.93
N= 1427556.2710
E= 2164723.3548
DELTA= 0°25'58.8" (RT)

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19019100040
D.B. 2358, PG. 165

L.L.L. 254 (APPROXIMATE)
L.L.L. 191 (APPROXIMATE)

N/F
JOHN SCHULZ
1130 CHEATHAM HILL RD
PID: 19019100030
D.B. 14527, PG. 4252

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19025400030
D.B. 2358, PG. 165

EXISTING:
2" PLASTIC GAS MAIN
NOP: 60 PSIG

BEGIN MILL & INLAY
STA 62+25.00

BEGIN WALL 1
GA STD 9031L
STA 62+61.71
33.93' RT

MATCH LINE STA. 62+00

62+00 63+00 64+00 65+00 66+00 67+00

STA (WM): 0+46±
STA (RD): 62+52±
1-45° MJ BEND W/ MEGALUGS

BKWS-50
BKMA-600

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN (TO BE REMOVED)

EXIST. R/W

BKWS-50

MATCH LINE STA. 67+50

NO°08'56.1"E
NO°17'02.6"W
℄ CONSTRUCTION CHEATHAM HILL ROAD

TRACT 1

AFAW-600

L.L.L. 255 (APPROXIMATE)
L.L.L. 254 (APPROXIMATE)
L.L.L. 191 (APPROXIMATE)
L.L.L. 190 (APPROXIMATE)

10' TRAIL

WOOD FENCE
10' NO ACCESS BUFFER & LANDSCAPE ESM'T
20' DRAINAGE ESM'T

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

STA (WM): 0+31±
STA (RD): 62+41±
1-45° MJ BEND W/ MEGALUGS

STA (WM): 0+23±
STA (RD): 62+33± PROPOSED
36" MJ GATE VALVE W/
MEGALUGS IN 8'DIA. MH
1-CTS

BEGIN TURN UP #2
STA 65+09.00
25.66' RT

END WALL 1
GA STD 9031L
STA 64+75.21
26.78' RT

1-8"X6" HYDRANT TEE
1-6" GV ASSEMBLY
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT ASSEMBLY

COBB COUNTY - MARIETTA WATER AUTHORITY
PROPOSED 36" DIP PC 200

STA (WM): 0+11±
STA (RD): 62+21±
PROPOSED 6" A/V VALVE ASSEMBLY
IN 6' DIA. MH

STA (WM): 0+00±
STA (RD): 62+10±
BEGIN COBB COUNTY - MARIETTA WATER AUTHORITY 36" DIP PC 200
CONNECT TO EXISTING 36" PCCP
(SEE DETAIL CD-1)

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

STA 59+55 TO 78+30 RT
RELOCATE EXISTING AERIAL 50 PR & 600 PR BURIED CABLE TO NEW COBB EMC POLES ON WEST SIDE OF ROAD

20 N/F JOHN EDISON 1188 WARD CREEK DR PID: 19025500020 D.B. 13490, PG. 328

21 N/F VICKIE THOMAS 1202 LARSON LN PID: 19025500040 D.B. 15427, PG. 1281

N/F CHARLES REY 1200 LARSON LN PID: 19025500050 D.B. 10767, PG. 63

23 N/F JOSE COLON 1198 LARSON LN PID: 19019000040 D.B. 14223, PG. 4525

24 N/F ALVIN MITCHELL 1196 LARSON LN PID: 19019000050 D.B. 12456, PG. 521

25 N/F WAYNE WAGLEY 1194 LARSON LN PID: 19019000060 D.B. 14624, PG. 2660

CHEATHAM HILL RD

DRAWING No. 24-0011

DRAWING No. 24-0013

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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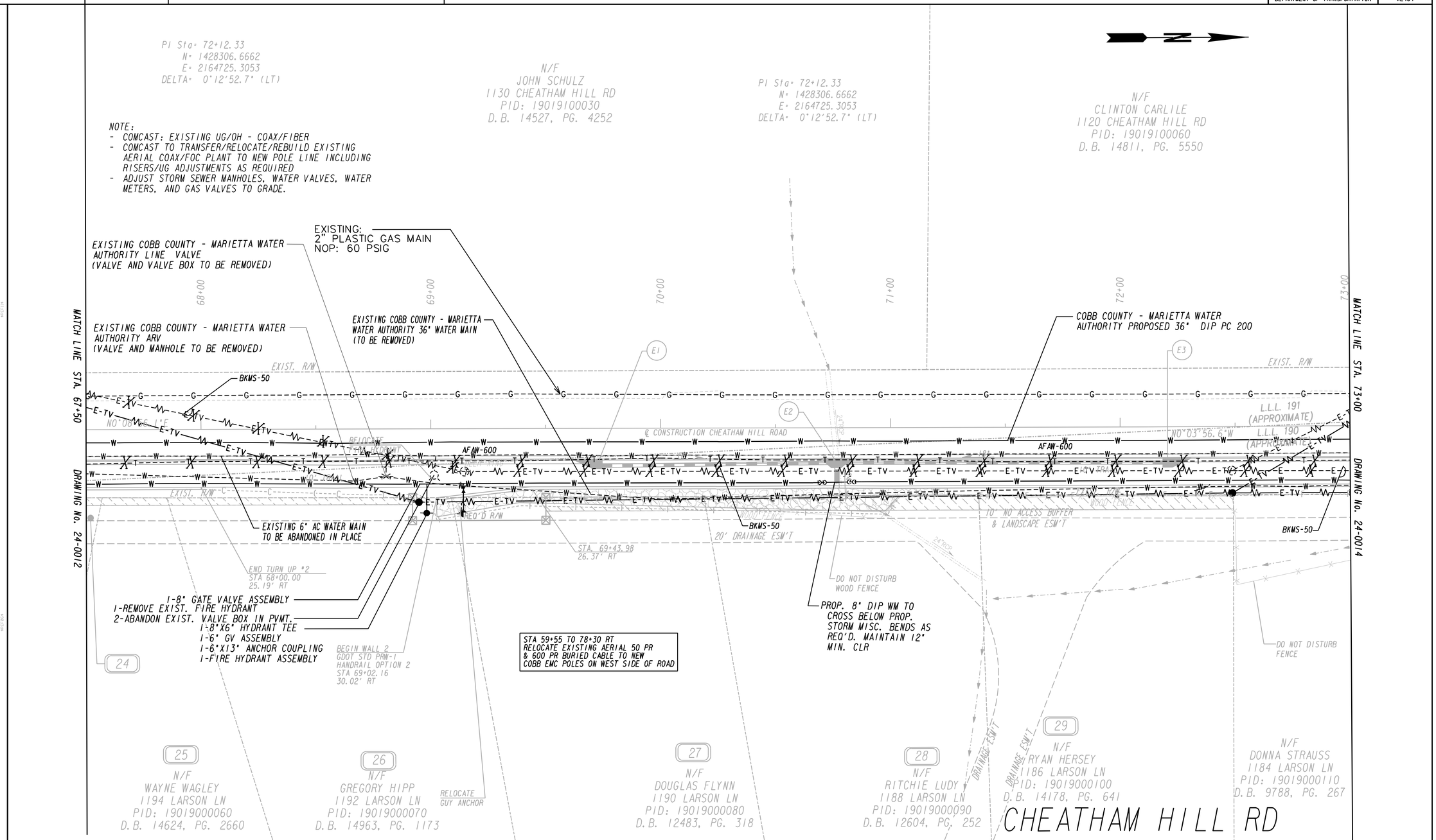
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0012

7/31/2015 GPLN

8/20/2020 8:07:32 AM $PRF8$ J:\2017030\0015279\DGN\0015279_24-0013_(CH).dgn
USER:jkelly
COBB COUNTY DEPARTMENT OF TRANSPORTATION
P.I. No. X2404



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0013

7/31/2015 GPLN

8/20/2020 8:07:29 AM $PRF8$ J:\2017030\0015279\DGN\0015279_24-0014_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P. I. No. X2404

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- COMCAST TO TRANSFER/RELOCATE/REBUILD EXISTING AERIAL COAX/FOC PLANT TO NEW POLE LINE INCLUDING RISERS/UG ADJUSTMENTS AS REQUIRED
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

N/F
CLINTON CARLILE
1120 CHEATHAM HILL RD
PID: 19019100060
D.B. 14811, PG. 5550

N/F
1090 CHEATHAM HILL ROAD TRUST
1090 CHEATHAM HILL RD
PID: 19019100010
D.B. 15276, PG. 5790

MATCH LINE STA. 73+00

DRAWING No. 24-0013

73+00 74+00 75+00 76+00 77+00 78+00

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN (TO BE REMOVED)

(1) ASW-1

L.O.L. 191 (APPROXIMATE)

L.O.L. 190 (APPROXIMATE)

℄ CONSTRUCTION CHEATHAM HILL ROAD NO°03'56.6"W

AFAW-600

BKMS-50 (1) ASW-1

EXISTING 6" AC WATER MAIN TO BE ABAANDONED IN PLACE

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

20' DRAINAGE ESM'T

DO NOT DISTURB FENCE

COBB COUNTY - MARIETTA WATER AUTHORITY PROPOSED 36" DIP PC 200

PROP. 8" DIP WM TO CROSS BELOW PROP. STORM MISC. BENDS AS REQ'D. MAINTAIN 12" MIN. CLR

END WALL 2
GDOT STD PRW-1
HANDRAIL OPTION 2
STA 76+00.00
26.97' RT

STA (WM): 14+57±
STA (RD): 76+62±
1-45° MJ BEND W/ MEGALUGS

STA (WM):14+75±
STA (RD): 76+75±
1-45° MJ BEND W/ MEGALUGS

REMOVE EXIST. PIPE

END MILL & INLAY
STA 77+00.00

EXISTING:
2" PLASTIC GAS MAIN
NOP: 60 PSIG

BEGIN 10' HEADER CURB
STA 77+25.00
25.41' RT

END 10' HEADER CURB
STA 77+96.00
25.64' RT

WOOD FENCE

GATE PRIVATE

6' WOOD AND ROCK COLUMN FENCE

REQ'D R/W

TRACT 2

AFMW-600
ANMW-100

STA (WM): 14+82±
STA (RD): 76+82±
PROPOSED 6" A/V VALVE ASSEMBLY IN 6' DIA. MH

STA (WM): 14+94±
STA (RD): 76+94
PROPOSED 36" MJ GATE VALVE W/ MEGALUGS IN 8'DIA. MH
1-8"X6" HYDRANT TEE 1-CTS
1-6" GV ASSEMBLY
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT ASSEMBLY

STA (WM): 15+05±
STA (RD): 77+06±
END COBB COUNTY - MARIETTA WATER AUTHORITY 36" DIP PC 200
CONNECT TO EXISTING 36" PCCP
(SEE DETAIL CD-2)

STA 59+55 TO 78+30 RT
RELOCATE EXISTING AERIAL 50 PR & 600 PR BURIED CABLE TO NEW COBB EMC POLES ON WEST SIDE OF ROAD

TRACT 1 REQ'D R/W

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

DO NOT DISTURB WOOD FENCE

30'x30' BELL SOUTH ESM'T

N/F
DONNA STRAUSS
1184 LARSON LN
PID: 19019000110
D.B. 9788, PG. 267

31
N/F
JAY HOLLAND
1182 LARSON LN
PID: 19019000120
D.B. 15454, PG. 5491

32
N/F
CRYSTAL JOHNSON
1154 WARD CREEK DR
PID: 19019000330
D.B. 15141, PG. 3375

33
N/F
HOMER CALDWELL
1152 WARD CREEK DR
PID: 19019000340
D.B. 5099, PG. 162

34
N/F
SUSANNE GANN
1150 WARD CREEK DR
PID: 19019000350
D.B. 15005, PG. 6296

MATCH LINE STA. 78+50

DRAWING No. 24-0015

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0014

7/31/2015 GPLN

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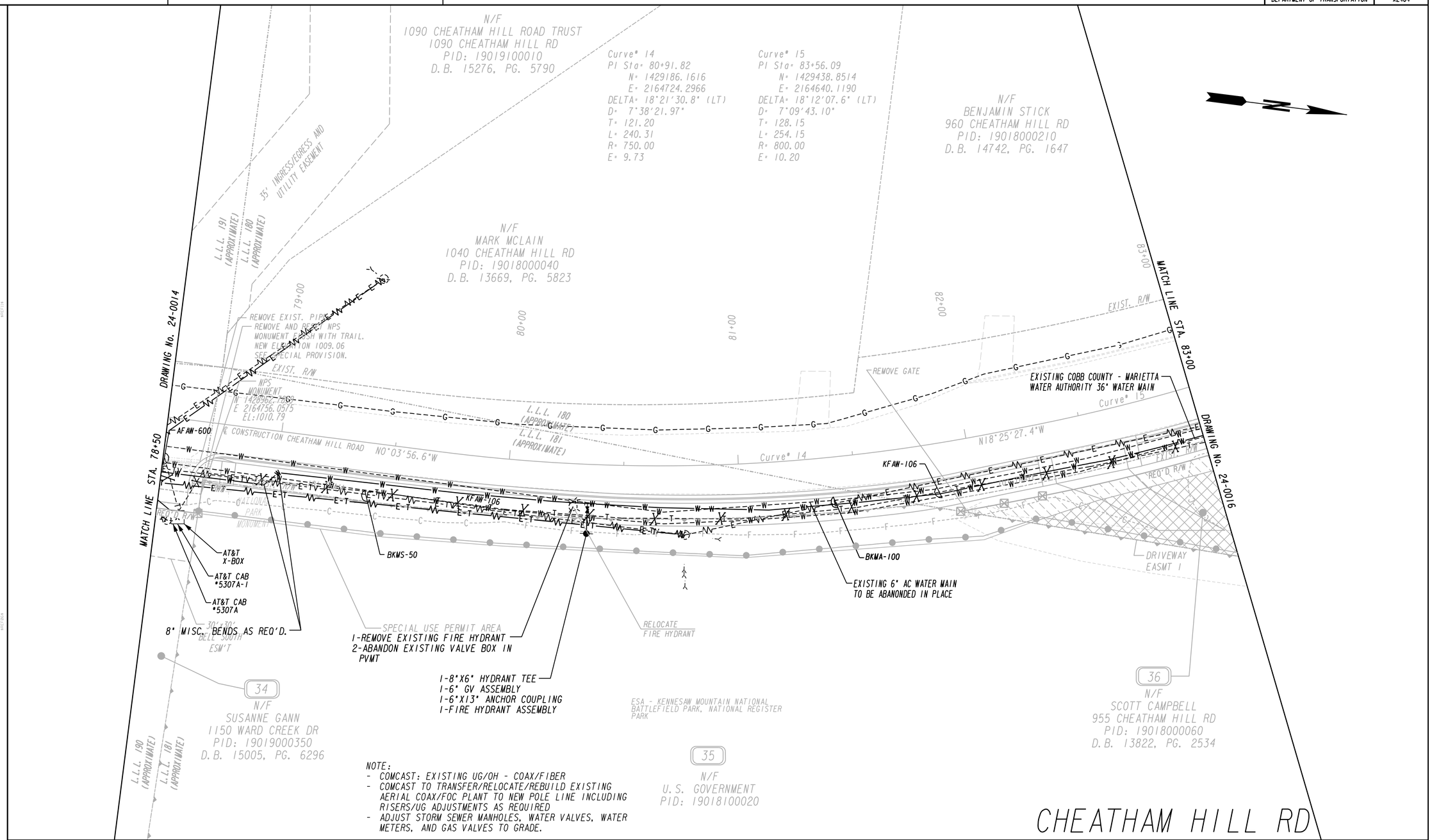
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P. I. No.
X2404



NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- COMCAST TO TRANSFER/RELOCATE/REBUILD EXISTING AERIAL COAX/FOC PLANT TO NEW POLE LINE INCLUDING RISERS/UG ADJUSTMENTS AS REQUIRED
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
24-0015

7/31/2015 GPLN

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

Curve# 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

PI Sta= 85+71.90
N= 1429613.7869
E= 2164510.0754
DELTA= 2°11'22.1" (LT)

N/F
SAMUEL BRASINGTON
1655 CAVAN DR
PID: 19018000200
D.B. 15123, PG. 327

N/F
WAYNE RIDLEN
1658 CAVAN DR
PID: 19018000110
D.B. 14291, PG. 4205

N/F
BENJAMIN STICK
960 CHEATHAM HILL RD
PID: 19018000210
D.B. 14742, PG. 1647

EXISTING:
2" PLASTIC GAS MAIN
NOP: 60 PSIG

EXISTING:
2" PLASTIC GAS MAIN
NOP: 60 PSIG

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE
BEGIN WALL 38
STA. 87+30.90
GA STD 9031L
34.91' RT

MATCH LINE STA. 83+00
DRAWING No. 24-0015
MATCH LINE STA. 88+00
DRAWING No. 24-0017

83+00 84+00 85+00 86+00 87+00 88+00

EXIST. R/W
CAVAN DRIVE
Curve# 15
BKMA-100
ALAW-50
KFAW-106
ALAW-200
KFAW-108
N36°37'35.0"W
℄ CONSTRUCTION CHEATHAM HILL ROAD
N38°48'57.1"W
REMOVE EXIST. PIPE
REQ'D R/W
G5
G1A
G1
AT&T PED #655
EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN
EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY OUTLET VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)
DRIVEWAY EASMT 2
DO NOT DISTURB EXISTING NPS MONUMENT

L.L.L. 180 (APPROX WATE.)
L.L.L. 181 (APPROX WATE.)

35
N/F
U.S. GOVERNMENT
PID: 19018100020

36
N/F
SCOTT CAMPBELL
955 CHEATHAM HILL RD
PID: 19018000060
D.B. 13822, PG. 2534

37
N/F
PAMELA JONES
933 CHEATHAM HILL RD
PID: 19018000230
D.B. 4079, PG. 184

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 24-0016

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

Curve* 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

N/F
TOWNLEY KING REVOCABLE TRUST
930 CHEATHAM HILL RD
PID: 19018000100
D.B. 15344, PG. 5566

N/F
SHIRLEY COLE
930 CHEATHAM HILL RD
PID: 19018000090
D.B. 11605, PG. 155

N/F
WAYNE COLE
940 CHEATHAM HILL RD
PID: 19018000080
D.B. 7300, PG. 489

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N/F
WAYNE RIDLEN
1658 CAVAN DR
PID: 19018000110
D.B. 14291, PG. 4205

N/F
U.S. GOVERNMENT
PID: 19018000030

EXISTING:
2" PLASTIC GAS MAIN
NOP: 60 PSIG

1-ADJUST METER & BOX TO GRADE
1-(3/4") SERVICE LINE REPLACEMENT SHORT SIDE

1-REMOVE EXIST. WATER METER & BOX
1-INSTALL NEW 3/4" WATER METER & BOX
1-(3/4") SERVICE LINE REPLACEMENT SHORT SIDE

MATCH LINE STA. 88+00

DRAWING No. 24-0018

88+00 89+00 90+00 91+00 92+00 93+00

EXIST. R/W

BKWA-100

ANWW-100

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

ALAW-50

8" MISC. BENDS AS REQ'D.

(1) ASW-3

℄ CONSTRUCTION CHEATHAM HILL ROAD

N38°48'57.1"W

Curve* 16

REMOVE EXIST. PIPE

ALAW-200

REQ'D R/W

RELOCATE FIRE HYDRANT

KFAW-106

(1) ASW-4

1-REMOVE EXISTING FIRE HYDRANT
2-ABANDON EXISTING VALVE BOX IN PVMT.

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

1-8"X6" HYDRANT TEE
1-6" GV ASSEMBLY
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT ASSEMBLY

G1A G2 G3 G4

END WALL 3B
STA. 88+39.73
GA STA 9031L
34.96' RT

WOOD FENCE

37
N/F
PAMELA JONES
933 CHEATHAM HILL RD
PID: 19018000230
D.B. 4079, PG. 184

38
N/F
MARVIN KERLEY
925 CHEATHAM HILL RD
PID: 19018000220
D.B. 6982, PG. 476

39
N/F
JACK BROWN
911 CHEATHAM HILL RD
PID: 19018000070
D.B. 7537, PG. 463

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

MATCH LINE STA. 93+00

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

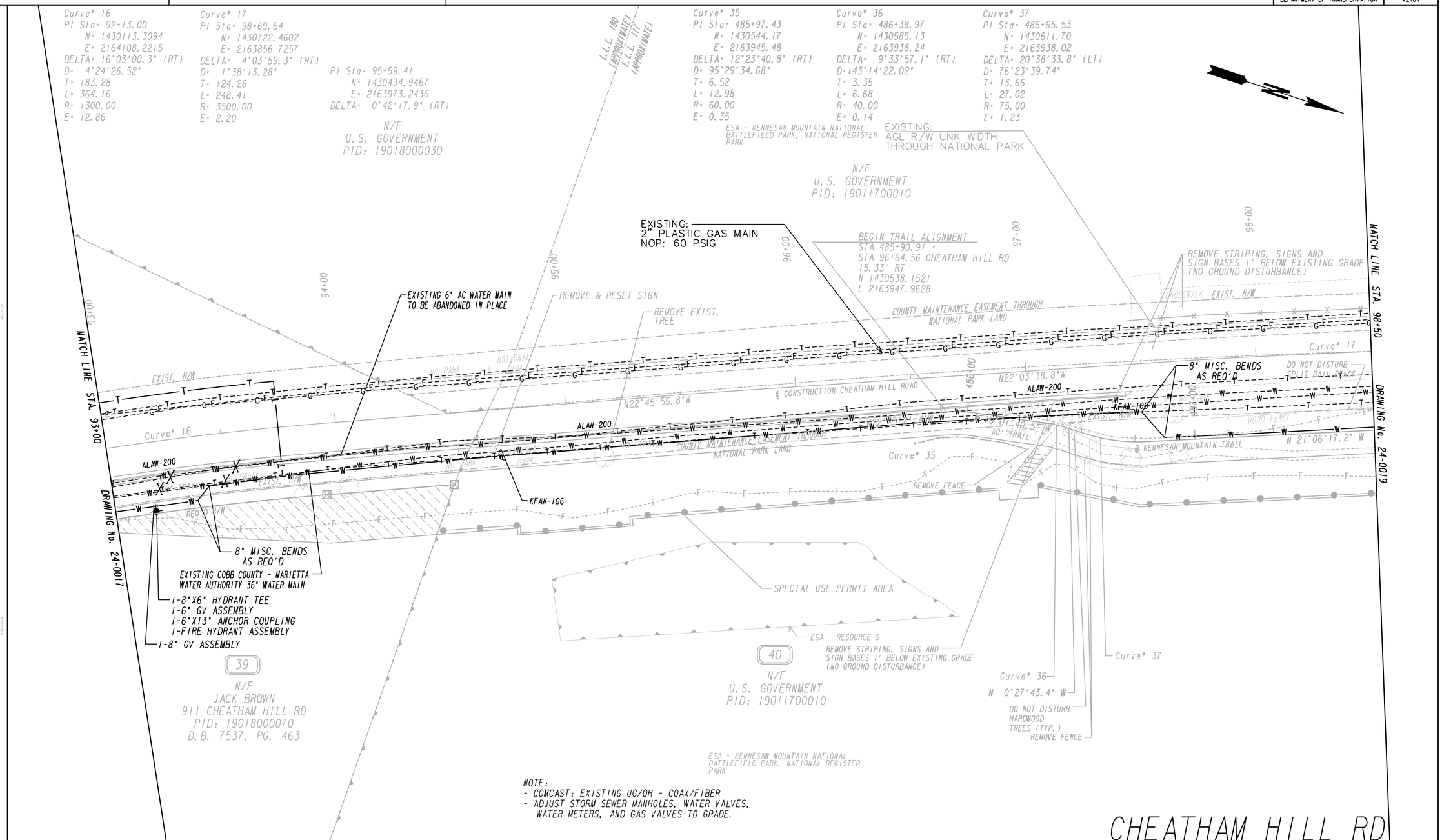
DRAWING No. 24-0017

7/31/2015 GPLN

8/6/2020 4:55:31 PM $PRF8$ J:\2017030\0015279\DGN\0015279_24-0018_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0018

7/31/2015 GPLN

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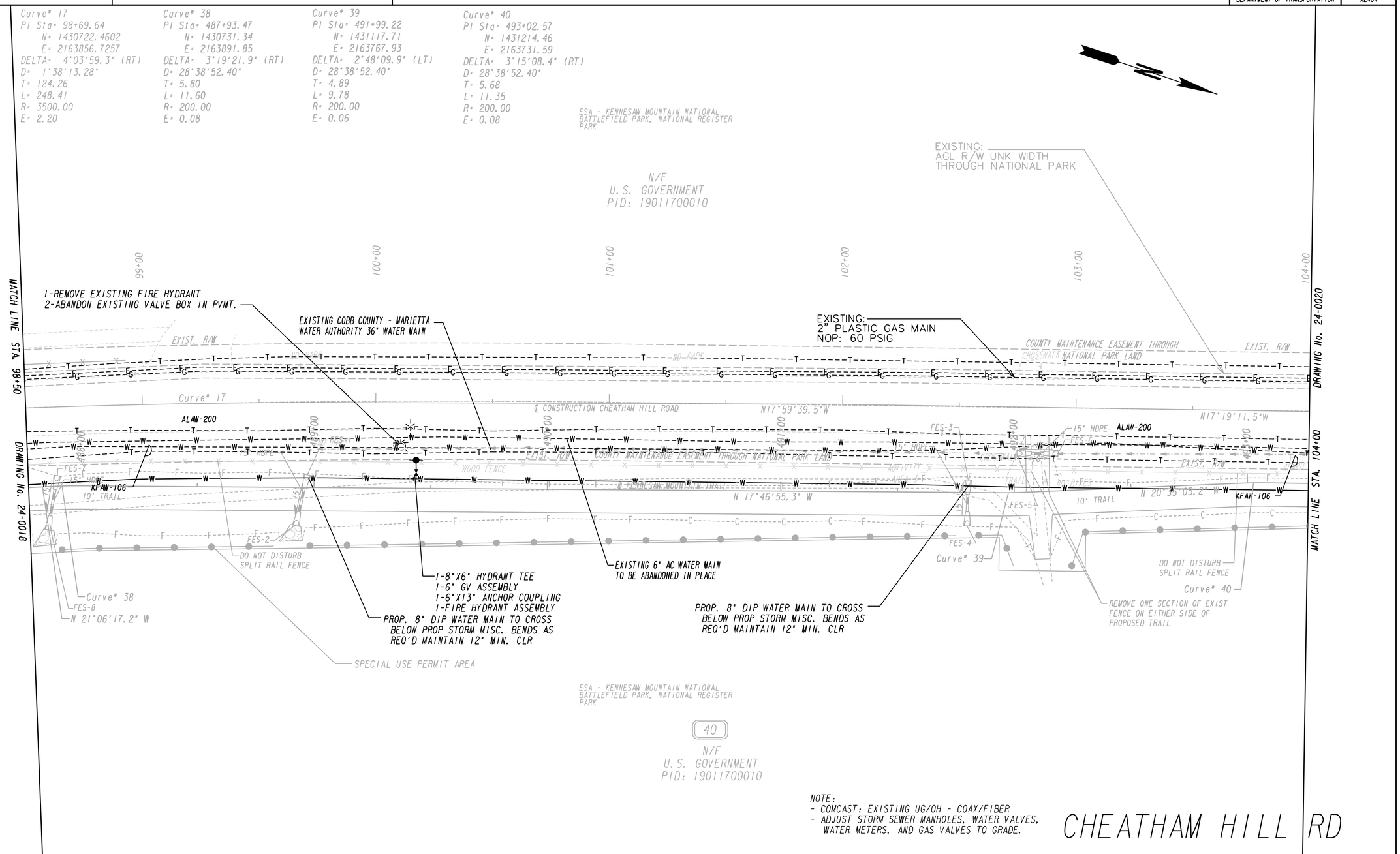
USER:jkelly
COBB COUNTY DEPARTMENT OF TRANSPORTATION
P.I. No. X2404



NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0019

7/31/2015 GPLN

PI Sta= 495+83.83
N= 1431483.4289
E= 2163653.3428
DELTA= 15°59'30.3" (LT)
D=114°35'29.61"
T= 7.02
L= 13.96
R= 50.00
E= 0.49

Curve# 18
PI Sta= 108+91.87
N= 1431698.4549
E= 2163552.5730
DELTA= 6°00'12.2" (LT)
D= 2°05'00.54"
T= 144.20
L= 288.14
R= 2750.00
E= 3.78

PI Sta= 104+75.03
N= 1431299.3259
E= 2163672.7806
DELTA= 0°53'26.5" (RT)

PI Sta= 493+99.01
N= 1431306.52
E= 2163702.86
DELTA= 1°04'03.9" (LT)

Curve# 41
PI Sta= 494+42.68
N= 1431347.96
E= 2163689.08
DELTA= 3°48'16.4" (RT)
D= 28°38'52.40"
T= 6.64
L= 13.28
R= 200.00
E= 0.11

L.L.L. 118 (APPROXIMATE)
L.L.L. 117 (APPROXIMATE)

Curve# 42
PI Sta= 495+81.16
N= 1431481.98
E= 2163654.18
DELTA= 15°20'34.3" (LT)
D=114°35'29.61"
T= 6.73
L= 13.39
R= 50.00
E= 0.45

N/F
U.S. GOVERNMENT
PID: 19011700010

Curve# 43
PI Sta= 496+64.49
N= 1431554.26
E= 2163612.55
DELTA= 13°08'10.4" (RT)
D=114°35'29.61"
T= 5.76
L= 11.46
R= 50.00
E= 0.33

PI Sta= 106+32.50
N= 1431450.3622
E= 2163628.2446
DELTA= 0°31'59.7" (LT)

END TRAIL ALIGNMENT
STA 496+70.42 *
STA 107+41.45 CHEATHAM HILL RD
15.38' RT
N 1431559.0652
E 2163611.1607

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
GARVIN ROUNTREE
752 CHEATHAM HILL RD
PID: 19010500440
D.B. 15428, PG. 1411

L.L.L. 118 (APPROXIMATE)
L.L.L. 105 (APPROXIMATE)

EXISTING:
AGL R/W UNK WIDTH
THROUGH NATIONAL PARK

DRAWING No. 24-0019
MATCH LINE STA. 104+00
MATCH LINE STA. 109+50
DRAWING No. 24-0021

104+00 105+00 106+00 107+00 108+00 109+00

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN
EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE
ANWW-100
EXISTING:
2" PLASTIC GAS MAIN
NOP: 60 PSIG

EXIST. R/W
COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
SAFETY END SECTION
EXIST. R/W
HWW

N17°19'11.5"W
℄ CONSTRUCTION CHEATHAM HILL ROAD N16°25'45.0"W
N16°57'44.7"W
Curve# 18

ALAW-200
ALAW-200
KFAW-106
KFAW-106

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
EXIST. R/W
KENNESAW MOUNTAIN TRAIL
N 17°19'54.7" W
N 18°24'00.6" W
N 14°35'44.2" W
N 29°56'18.5" W
N 16°48'08.1" W
EXIST. R/W
EXIST. R/W

Curve# 41
Curve# 42

DO NOT DISTURB SPLIT RAIL FENCE

1-8"X6" HYDRANT TEE
1-6" GV ASSEMBLY
1-6"X13" ANCHOR COUPLING
1-FIRE HYDRANT ASSEMBLY

PROP. 8" DIP WATER MAIN TO CROSS BELOW PROP STORM MISC. BENDS AS REQ'D MAINTAIN 12" MIN. CLR

SPECIAL USE PERMIT AREA

EXISTING:
2" GAS VALVE

40
N/F
U.S. GOVERNMENT
PID: 19011700010

41
N/F
U.S. GOVERNMENT
PID: 19010600010

L.L.L. 117 (APPROXIMATE)
L.L.L. 106 (APPROXIMATE)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	24-0020
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN

8/6/2020 4:55:46 PM $PRF8$ J:\2017030\0015279\DGN\0015279_24-0021_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

N/F
GARVIN ROUNTREE
752 CHEATHAM HILL RD
PID: 19010500440
D.B. 15428, PG. 1411

Curve# 18
PI Sta: 108+91.87
N: 1431698.4549
E: 2163552.5730
DELTA: 6°00'12.2" (LT)
D: 2°05'00.54"
T: 144.20
L: 288.14
R: 2750.00
E: 3.78

N/F
AMOS BATES
742 CHEATHAM HILL RD
PID: 19010500430
D.B. 12446, PG. 480

Curve# 19
PI Sta: 113+19.79
N: 1432092.6991
E: 2163385.5039
DELTA: 1°17'53.0" (LT)
D: 1°54'35.49"
T: 33.98
L: 67.97
R: 3000.00
E: 0.19

N/F
JAMES RHODES
742 CHEATHAM HILL RD
PID: 19010500420
D.B. 2013, PG. 99

Curve# 20
PI Sta: 115+00.66
N: 1432257.5913
E: 2163311.1774
DELTA: 3°56'14.1" (RT)
D: 7°38'21.97"
T: 25.78
L: 51.54
R: 750.00
E: 0.44

N/F
JAMES TURLEY
722 CHEATHAM HILL RD
PID: 19010500410
D.B. 14862, PG. 549

L.L.L. 118 (APPROXIMATE)
L.L.L. 105 (APPROXIMATE)

110+00 | 111+00 | 112+00 | 113+00 | 114+00 | 115+00

DRAWING No. 24-0020 | DRAWING No. 24-0022

MATCH LINE STA. 109+50 | MATCH LINE STA. 115+00

EXISTING:
4" PLASTIC GAS MAIN
NOP: 60 PSIG

RETIRED:
2" PLASTIC GAS MAIN
(ESTIMATED LOCATION)

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

ANWW-100 | ALAW-200 | KFAW-106 | KFAW-106

EXIST. R/W

Curve# 18 | Curve# 19 | Curve# 20

℄ CONSTRUCTION CHEATHAM HILL ROAD

N22°57'56.9"W | N24°15'49.9"W

H3 | H3A | H4 | H5

RELOCATE FIRE HYDRANT

ADJUST CATCH BASIN TO GRADE (SEE DRAWING 38-0004 FOR REQUIRED LID)

ADJUST CATCH BASIN TO GRADE (SEE DRAWING 38-0004 FOR REQUIRED LID)

EXISTING 8" D.I.P. WATER MAIN TO REMAIN IN SERVICE

REMOVE EXIST. PIPE

REMOVE & RESET GATE BEHIND DRIVEWAY APRON

EXISTING 6" AC WATER MAIN TO ABANDON IN PLACE

SPECIAL USE PERMIT AREA

EXISTING 6" D.I.P. WATER MAIN TO BE ABANDONED IN PLACE

DO NOT DISTURB

42
N/F
RAYMOND DEAVER
687 CHEATHAM HILL RD
PID: 19010500060
D.B. 14642, PG. 2400

43
N/F
JEFFERY DEAVER
687 CHEATHAM HILL RD
PID: 19010500070
D.B. 13498, PG. 1006

41
N/F
U.S. GOVERNMENT
PID: 19010600010

L.L.L. 105 (APPROXIMATE)
L.L.L. 106 (APPROXIMATE)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- COMCAST TO TRANSFER/RELOCATE/REBUILD EXISTING AERIAL COAX/FOC PLANT TO NEW POLE LINE INCLUDING RISERS/UG ADJUSTMENTS AS REQUIRED
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		24-0021
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

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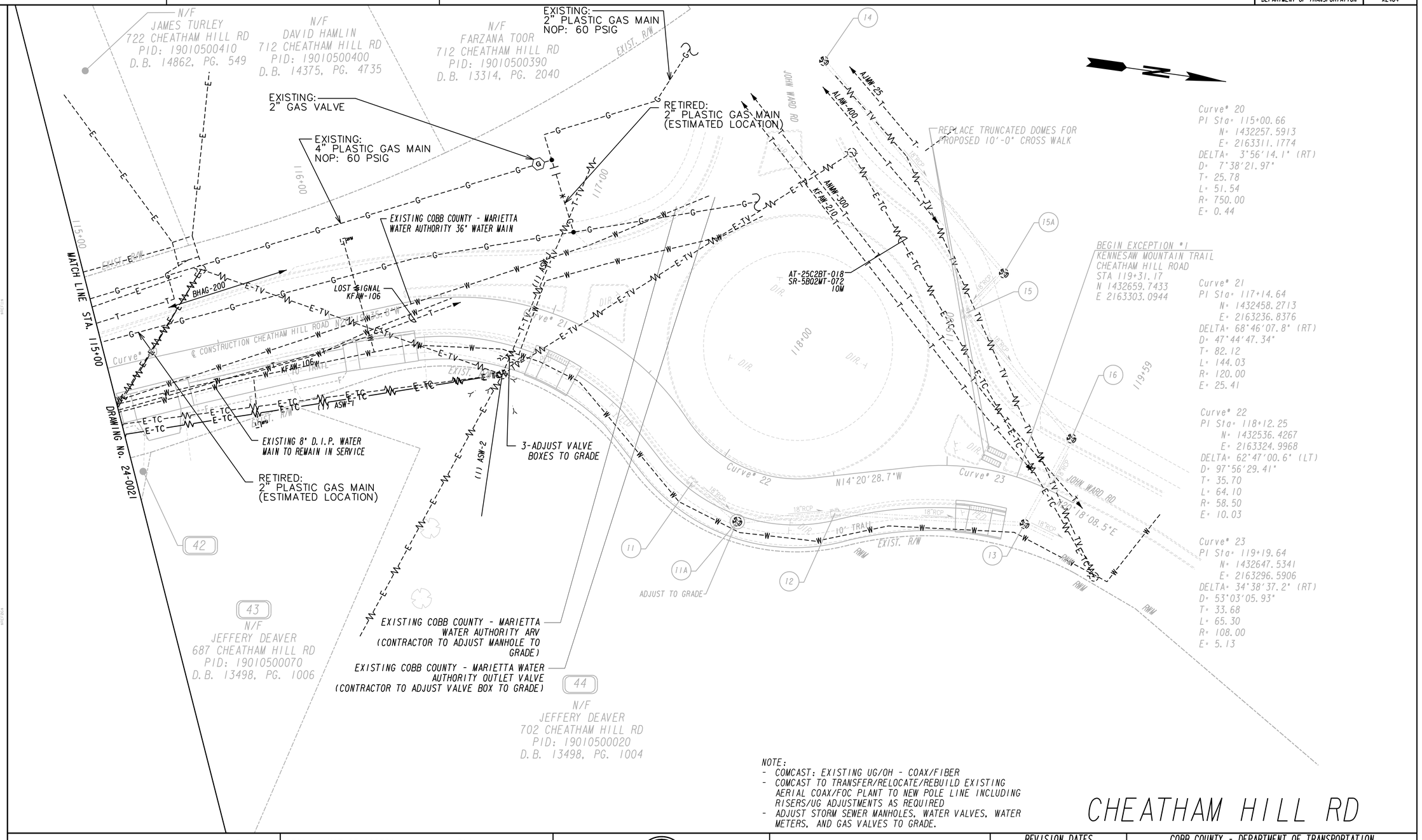
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P. I. No. X2404



NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- COMCAST TO TRANSFER/RELOCATE/REBUILD EXISTING AERIAL COAX/FOC PLANT TO NEW POLE LINE INCLUDING RISERS/UG ADJUSTMENTS AS REQUIRED
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	
BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0022

7/31/2015 GPLN

N/F
KEVIN E. &
PATRICIA A. REA
234 MEADOW PATH DR
PID: 20031700720
D.B. 14747, PG. 1831
P.B. 271, PG. 169

N/F
AARON M. & ALICEN M. SIBLY
235 MEADOW PATH DR
PID: 20032701010
D.B. 14178, PG. 5325
P.B. 236, PG. 43

PI Sta= 203+85.71
N= 1435409.4885
E= 2163927.1514
DELTA= 0°24'54.1" (RT)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

END EXCEPTION #1
KENNESAW MOUNTAIN TRAIL
S.R. 120/ WHITLOCK AVE.
STA 200+33.61
N 1435432.1980
E 2163575.7908

EXISTING:
4" STEEL GAS MAIN
WT: UNK/GRADE: UNK
NOP: 300 PSIG
CP RECTIFIER

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

SPECIAL DESIGN SPILLWAY, TYP.
STA. 202+25.03
17.46' RT
SEE DRAWING 38-0001
FOR DETAILS

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 20" PC WATER MAIN

AT&T CONDUIT SYSTEM

SP5
STA. 203+62.17
17.97' RT

S86°18'07.0"E

S85°53'12.9"E

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE. SP3
STA. 201+06.99
17.81' RT

LOWER IN PLACE TO 5.5' BELOW EXISTING GRADE (ZAYO)

2-1.5" HDPE EMPTY CONDUITS

CUT & CAP TIE-INTO 4" PLASTIC GAS MAIN NOP: 60 PSIG

2-1.5" HDPE EMPTY CONDUITS

PROPOSED:
150' X 4" PLASTIC GAS MAIN
NOP: 60 PSIG

CUT & CAP TIE-INTO 4" PLASTIC GAS MAIN NOP: 60 PSIG

EXISTING:
4" PLASTIC GAS MAIN
NOP: 60 PSIG

ABANDON:
4" PLASTIC GAS MAIN

PLACE 2-2" HDPE SDR11 VIA DIRECTIONAL DRILL & PULL 864F THROUGH CONDUIT (VERIZON)

DO NOT DISTURB EXISTING KENNESAW MTN BATTLEFIELD SIGN

ESA - RESOURCE 5

SPECIAL USE PERMIT AREA I

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

MATCH LINE STA. 204+50

DRAWING No. 24-0024

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0023

7/31/2015 GPLN

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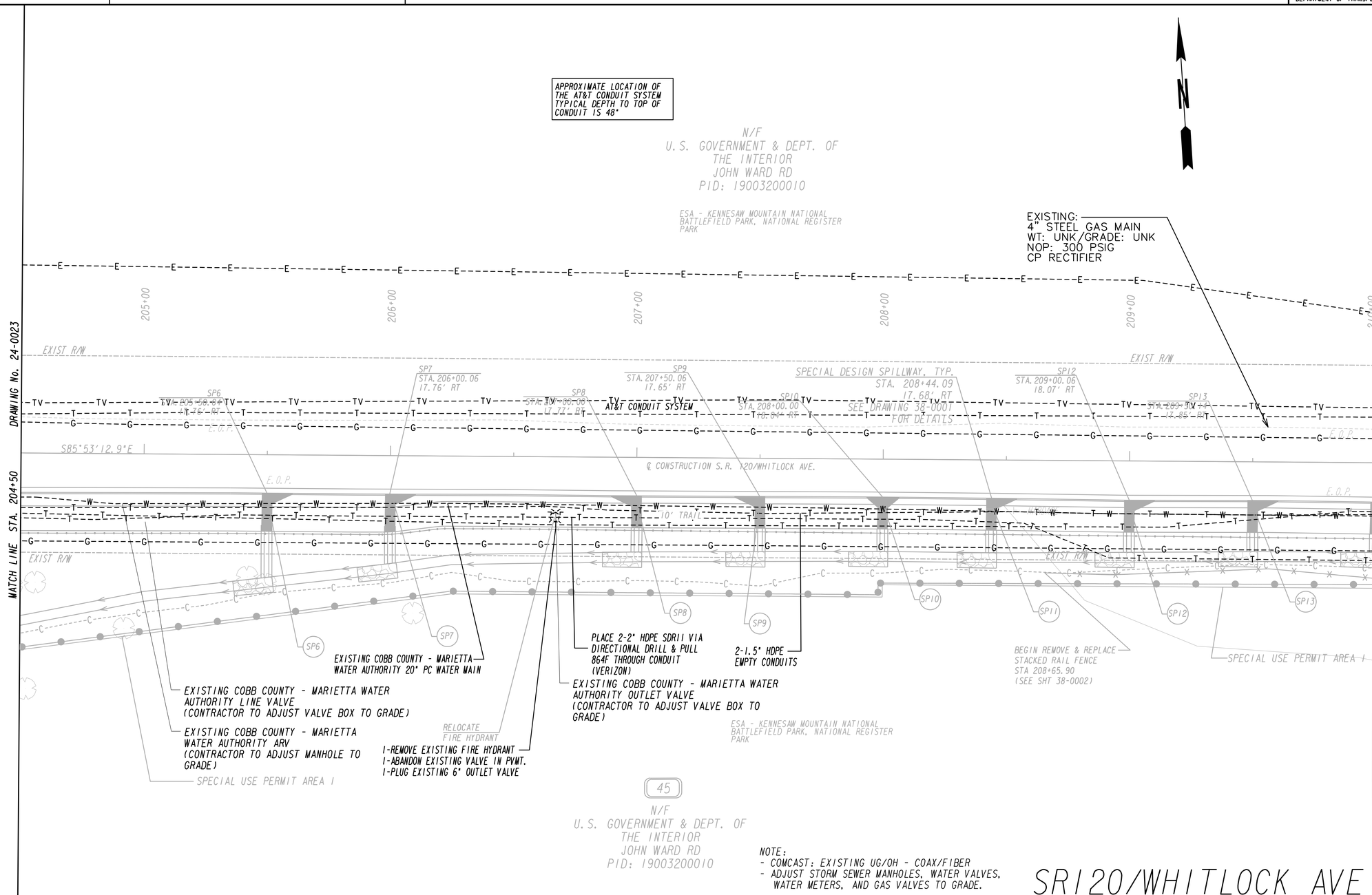
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No. X2404



NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0024

7/31/2015 GPLN

N

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

APPROXIMATE L.L.L.33
APPROXIMATE L.L.L.32

EXIST R/W

HARDAGE DRIVE

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
CHEATHAM HILL DR
PID: 19003300010

1-REMOVE EXISTING FIRE HYDRANT
1-ABANDON EXISTING VALVE IN PVMT.
1-PLUG EXISTING 6" OUTLET VALVE

ESA - RESOURCE 7

ABANDON:
4" PLASTIC GAS MAIN

MATCH LINE STA. 210+00
DRAWING No. 24-0024

MATCH LINE STA. 215+50
DRAWING No. 24-0026

210+00 211+00 212+00 213+00 214+00 215+00

EXIST R/W

SPECIAL DESIGN SPILLWAY, TYP.
STA. 210+50.00
18.42' RT
SEE DRAWING 38-0001 FOR DETAILS

SP14
STA. 210+00.03
16.0' RT

SP16
STA. 211+00.10
16.38' RT

AT&T CONDUIT SYSTEM

E.O.P.

S85°53'12.9"E

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

Curve* 24

10' TRAIL

2 SPLIT RAIL

SP14 SP15 SP16 M5 M6

DO NOT DISTURB STACKED RAIL FENCE

RELOCATE FIRE HYDRANT

2-1.5" HDPE EMPTY CONDUITS

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY LINE VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)

SPECIAL USE PERMIT AREA

PLACE 2-2" HDPE SDRII VIA DIRECTIONAL DRILL & PULL 864F THROUGH CONDUIT (VERIZON)

END REMOVE & REPLACE STACKED RAIL FENCE STA 212+04.84 (SEE SHT 38-0002)

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 20" PC WATER MAIN

CUT & CAP TIE-INTO 4" PLASTIC GAS MAIN NOP: 60 PSIG

1-ADJUST VALVE BOX TO GRADE IN PVMT.

SPECIAL USE PERMIT AREA 1

SPECIAL USE PERMIT AREA 2

WOODS LINE

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 6

DO NOT DISTURB GATE

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

Curve* 24
PI Sta= 216+50.61
N= 1435318.7630
E= 2165188.7938
DELTA= 17°06'19.4" (LT)
D= 2°04'19.85"
T= 415.83
L= 825.48
R= 2765.00
E= 31.09

PROPOSED:
230' X 4" PLASTIC GAS MAIN
NOP: 60 PSIG

CUT & CAP TIE-INTO 4" PLASTIC GAS MAIN
NOP: 60 PSIG

45
N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010

46
N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
CHEATHAM HILL DR
PID: 19003300010

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

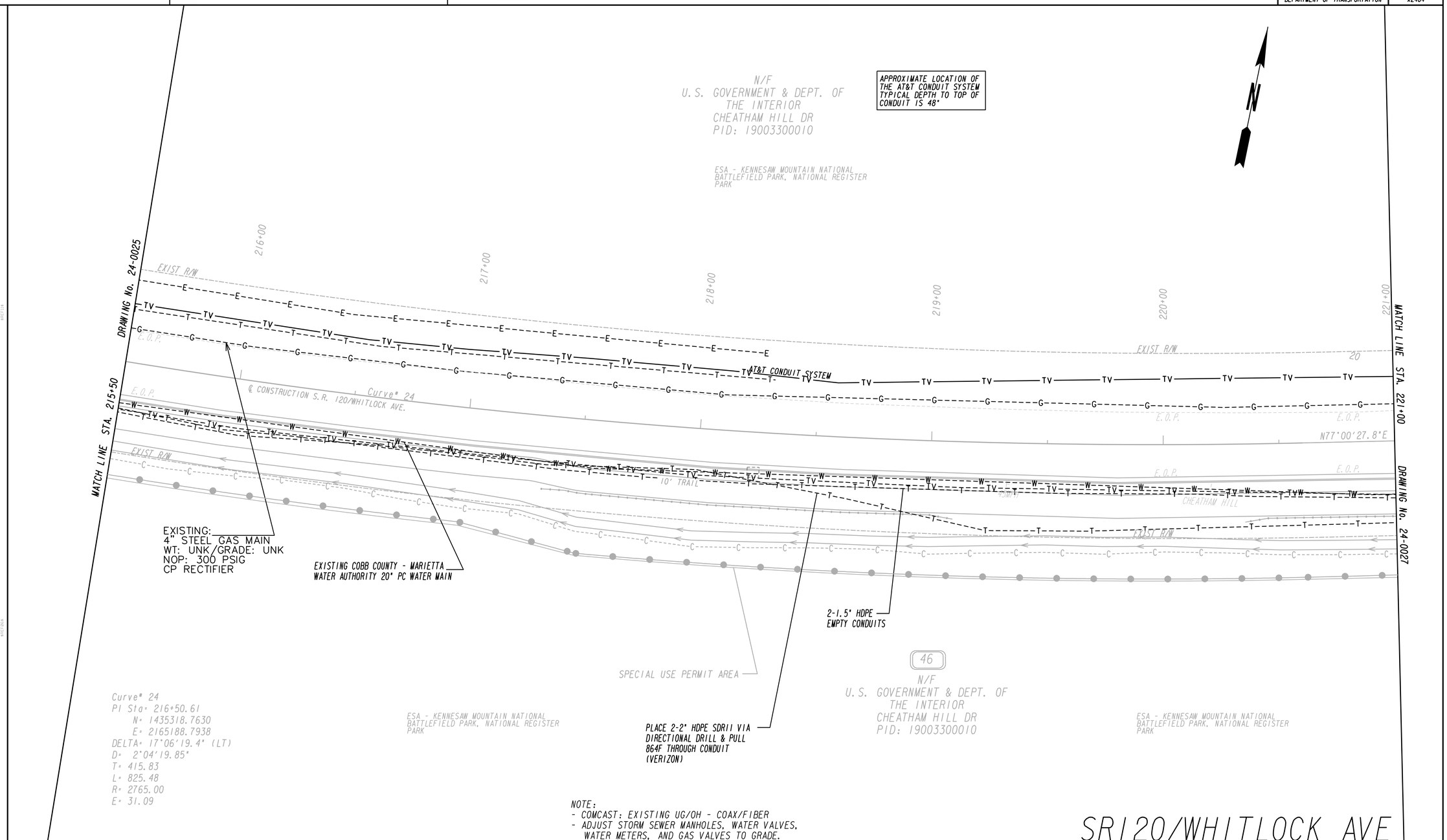
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		24-0025
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

8/6/2020 4:56:11 PM $PRF8$ J:\2017030\0015279\DGN\0015279_24-0026_(SR120).dgn
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P. I. No.
X2404



NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

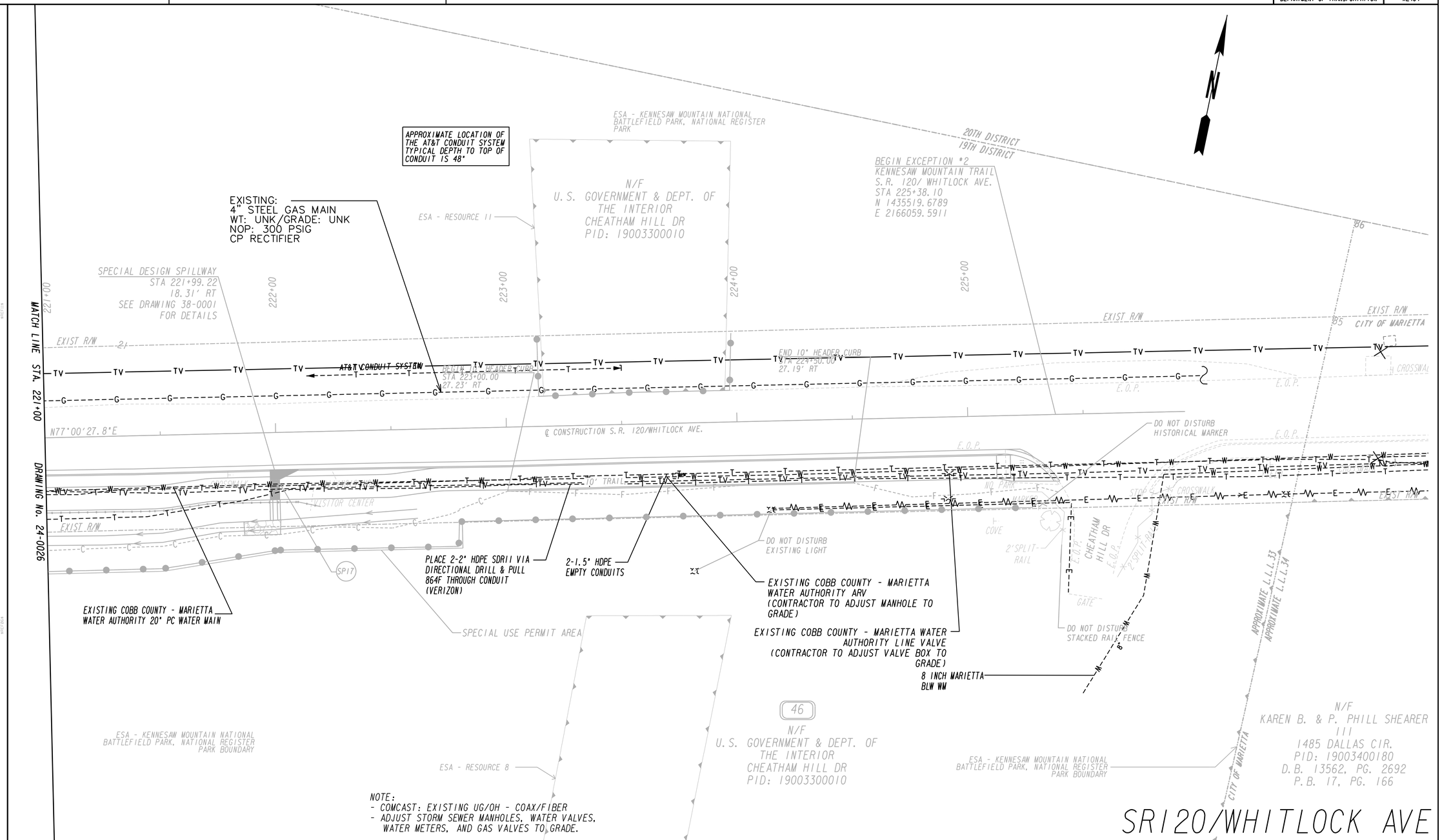
DRAWING No.
24-0026

7/31/2015 GPLN

8/6/2020 4:56:16 PM $PRF8$ J:\2017030\0015279\DGN\0015279_24-0027_(SR120).dgn
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P. I. No.
X2404



NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
24-0027

7/31/2015 GPLN

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

Curve* 25
PI Sta= 300+43.75
N= 1437994.6673
E= 2171763.9385
DELTA= 29°14'43.5" (LT)
D= 22°55'05.92"
T= 65.23
L= 127.61
R= 250.00
E= 8.37

END EXCEPTION *2
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 300+12.23
N 1437962.9784
E 2171763.0912

S.S.M.H.
RIM: 1058.09
IE: 1045.49

S.S.M.H.
RIM: 1058.61
OE: 1048.57(A)
IE: 1049.11(B)
IE: 1048.61(C)

S.S.M.H.
RIM: 1063.83
OE: 1059.43
IE: 1059.63

8-INCH MARIETTA BLW SS

S.S.M.H.
RIM: 1067.55
OE: 1062.05
IE: 1062.15

EXISTING:
4" STEEL GAS MAIN
WT: UNK/GRADE: UNK
NOP: 45 PSIG
CP ANODE

EXISTING:
4" GAS VALVE

EXISTING:
4" STEEL GAS MAIN
WT: UNK/GRADE: UNK
NOP: 45 PSIG
CP ANODE

S.S.M.H.
RIM: 1055.78

EXISTING:
4" GAS VALVE
CLOSED

CC2
ADJUST CATCH BASIN
TOP TO GRADE
TOP ELEV.= 1065.06

ADJUST CATCH BASIN
TOP TO GRADE
TOP ELEV.= 1070.63

2-REPLACE VALVE BOXES
2-ADJUST VALVE BOX TO GRADE

℄ CONSTRUCTION BURNT HICKORY RD.

AT&T/COMCAST TO RELOCATE BURIED TO AERIAL TO AVOID WALL 5

AT&T CONDUIT

AT&T PED

PED BURIED

ANWW-400
AFTW-600
ADAH-1100

EXPOSE EXISTING CABLES FOR NEW SPILLWAY

AT&T MH

S.S.M.H.
RIM: 1062.74

47
N/F
RACETRAC PETROLEUM INC & C/O SILVER OAKS ADVISORS
900 WHITLOCK AVE
PID: 16122400200
D.B. 15414, PG. 859

N/F
BMR REALTY LLC
940 WHITLOCK AVE NW
PID: 16122400520
D.B. 15128, PG. 6427

N/F
HAYLEY REDD LP
1000 WHITLOCK AVE
PID: 20032300030
D.B. 9817, PG. 411

20TH DISTRICT
16TH DISTRICT

APPROXIMATE L.L.L. 323
APPROXIMATE L.L.L. 1224
APPROXIMATE L.L.L. 1225

STA. 302+57.21
38.73' RT
STA. 303+06.17
38.81' RT

REMOVE FENCE
RELOCATE FIRE HYDRANT
RELOCATE PEDESTAL

STA. 303+59.47
38.21' RT

ANWW-400
AFTW-600
ADAH-1100

ANTW-200

AFTW-600
ADAH-1100

END WALL 5
STA. 303+80.00
GA STD 9031L
38.36' RT

RELOCATE PED BEHIND PROPOSED SIDEWALK

BEGIN WALL 5
STA. 302+38.00
GA STD 9031L
38.91' RT

12-INCH MARIETTA BLW WW

APPROXIMATE LOCATION OF THE AT&T CABLES AFTW-600 & ADAH-1100 TYPICAL DEPTH TO TOP OF CABLES IS 36"

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

1-RELOCATE & RECONNECT EXIST. 8" DCDA ASSEMBLY & 10'X5' PRECAST CONC. VAULT. PLACE EDGE OF VAULT 3' OUTSIDE PROPOSED SIDEWALK ADA RAMP. 1-RELOCATE 8" PIV ASSEMBLY, 1-RELOCATE & RECONNECT 2" WATER METER & 2" BFP & BOXES TO OUTSIDE PROPOSED SIDEWALK, 1-8" SOLID SLEEVE 8" DIP AS REQ'D

RECONSTRUCT SPECIAL DESIGN SPILLWAY
STA 301+17.20
25.92' RT
SEE DRAWING 38-0001
FOR DETAILS

EXISTING:
2" PLASTIC GAS MAIN
NOP: 45 PSIG

"EXISTING DETENTION POND"

48
N/F
RACETRAC PETROLEUM INC & C/O SILVER OAKS ADVISORS
900 WHITLOCK AVE
PID: 16122400560
D.B. 15414, PG. 859

N/F
ASPIRE OF MARIETTA LLC
920 BURNT HICKORY RD
PID: 16122400190
D.B. 15134, PG. 1424
P.B. 3, PG. 46

BURNT HICKORY RD

MATCH LINE STA. 304+00
SEE SHEET 24-0029

PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS.....BLA
REQUIRED R/W LINE	END LIMIT OF ACCESS.....ELA
CONSTRUCTION LIMITS	LIMIT OF ACCESS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	REQ'D R/W & LIMIT OF ACCESS
EASEMENT FOR CONSTR OF SLOPES	ORANGE BARRIER FENCE
EASEMENT FOR CONSTR OF DRIVES	ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0028

7/31/2015 GPLN

8/6/2020 4:56:26 PM
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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X240-4

N/F
HAYLEY REDD LP
1000 WHITLOCK AVE
PID: 20032300030
D.B. 9817, PG. 411

N/F
THE CAR WASH DEPOT II LLC
1000 WHITLOCK AVE
PID: 20032300480
D.B. 13821, PG. 3990

N/F
HAYLEY REDD LP
1000 WHITLOCK AVE
PID: 20032300030
D.B. 9817, PG. 411

N/F
UCB METRO PROPERTIES INC
1001 POLK ST
PID: 20032300470
D.B. 14544, PG. 618

S.S.M.H.
RIM: 1073.82
IE: 1067.52
OE: 1067.47

S.S.M.H.
RIM: 1075.02
OE: 1068.52
IE: 1068.72

304+00
305+00
306+00
307+00
308+00
309+00

EXIST R/W

36"RCP

MATCH LINE STA. 304+00 SEE SHEET 24-0028

MATCH LINE STA. 309+50 SEE SHEET 24-0030

Curve# 26

@ CONSTRUCTION BURNT HICKORY RD.

N23°39'14.1"W

Curve# 27

AT&T CONDUIT

(1) ASW-2

SR-5B02WT-216

12-INCH MARIETTA BLW WM

BKTS-50 (SLACK SPAN)

10' EXIST TRAIL

4' WROUGHT IRON FENCE

AT&T WIRELESS SIGNAL CABINET

AFTW-600 ADAH-1100

8-INCH MARIETTA BLW SS

ICV BOX (PRIVATE)

ANWW-400 ADAH-1100

ANWW-100 SR5B92WT-024

S.S.M.H.
RIM: 1074.97
OE: 1070.47(A)
IE: 1070.57(B)
IE: 1070.57(C)

S.S.M.H.
RIM: 1082.81
IE: 1072.01
OE: 1071.91

S.S.M.H.
RIM: 1089.07
IE: 1080.47
OE: 1079.32

48

N/F
RACETRAC PETROLEUM INC &
C/O SILVER OAKS ADVISORS
900 WHITLOCK AVE
PID: 16122400560
D.B. 15414, PG. 859

Curve# 26
PI Sta= 304+55.86
N= 1438347.2652
E= 2171545.1594
DELTA= 8°09'53.1" (RT)
D= 7°38'21.97"
T= 53.53
L= 106.88
R= 750.00
E= 1.91

N/F
ASPIRE OF MARIETTA LLC
920 BURNT HICKORY RD
PID: 16122400190
D.B. 15134, PG. 1424
P.B. 3, PG.46

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

Curve# 27
PI Sta= 308+63.27
N= 1438720.6161
E= 2171381.6278
DELTA= 25°13'34.4" (LT)
D= 10°16'05.02"
T= 124.86
L= 245.68
R= 558.00
E= 13.80

APPROXIMATE L.L.L. 323
APPROXIMATE L.L.L. 1224

20TH DISTRICT
16TH DISTRICT

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

APPROXIMATE LOCATION OF THE AT&T CABLES AFTW-600 & ADAH-1100 TYPICAL DEPTH TO TOP OF CABLES IS 36"

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	24-0029
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- COMCAST TO TRANSFER/RELOCATE/REBUILD EXISTING AERIAL COAX/FOC PLANT TO NEW POLE LINE INCLUDING RISERS/UG ADJUSTMENTS AS REQUIRED
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

50
N/F
THE THOMAS GROUP-CROSSING, INC
BURNT HICKORY CIRCLE
D.B. 13475, PG. 3640

51
N/F
CASA GROUP LLC
1001 BURNT HICKORY RD
PID: 20032300430
D.B. 13313, PG. 4848

MARIETTA POWER POLES SHALL BE RELOCATED ATLEAST 14' FROM WHITE LINE

COMCAST WILL ATTACH TO RELOCATED POLES.

STA 309+50 TO 321+40 RELOCATE BKTA-200 & BKTS-50 TO NEW MARIETTA POWER POLES

MATCH LINE STA. 309+50 SEE SHEET 24-0029

POLK STREET EXT

EXIST R/W

CUT & CAP TIE-INTO 2" PLASTIC GAS MAIN NOP: 45 PSIG

EXISTING: 2" PLASTIC GAS MAIN NOP: 45 PSIG

ANTW-300

AT&T PED

BEGIN WALL 4 GA STD 9031L STA 310+45.50 69.72' LT

END WALL 4 GA STD 9031L STA 310+97.52 38.93' LT

ABANDON: 2" PLASTIC GAS MAIN

1-REPLACE VALVE BOXES
1-ADJUST VALVE BOX TO GRADE

PROPOSED: 195' X 2" PLASTIC GAS MAIN NOP: 45 PSIG *CITY OF MARIETTA PROJECT

310+00 311+00 312+00 313+00 314+00 315+00

ABANDON: 4" PLASTIC GAS MAIN

BKTS-50 SSC BKTA-200 10M

STA 314+13± EX. 1" A&V RELIEF VALVE IN METER BOX-RELOCATE A&V VALVE ASSEMBLY TO 3' BEHIND PROP. S/W & ADJUST METER BOX TO FINAL GRADE

MAST POLE

Curve* 27

S.S.M.H. RIM: 1098.31 INACCESSIBLE

TRAFFIC CONTROL BOX TO BE SET FLUSH WITH TRAIL

AT&T CONDUIT

EXISTING: 2" PLASTIC GAS MAIN NOP: 45 PSIG

℄ CONSTRUCTION BURNT HICKORY RD.

N48°52'48.5"W

N48°02'40.2"W

ANNW-400 ADAH-1100

ABANDON: 2" PLASTIC GAS MAIN

PROPOSED: 10' X 4" PLASTIC GAS MAIN NOP: 45 PSIG

1-REPLACE VALVE BOXES
1-ADJUST VALVE BOX TO GRADE

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

EXISTING: 2" PLASTIC GAS MAIN NOP: 45 PSIG

PROPOSED: 870' X 4" PLASTIC GAS MAIN NOP: 45 PSIG

CUT & CAP TIE-INTO 2" PLASTIC GAS MAIN NOP: 45 PSIG

1-REPLACE VALVE BOXES
1-ADJUST VALVE BOX TO GRADE

Curve* 27
PI Sta= 308+63.27
N= 1438720.6161
E= 2171381.6278
DELTA= 25°13'34.4" (LT)
D= 10°16'05.02"
T= 124.86
L= 245.68
R= 558.00
E= 13.80

PI Sta= 313+92.35
N= 1439071.2215
E= 2170980.0023
DELTA= 0°50'08.3" (RT)

N/F
CITY OF MARIETTA
970 BURNT HICKORY RD NW
PID: 20032300020
D.B. 15213, PG. 6205

N/F
HAROLD C.& MARILYN M. MAULDING
950 MOUNTAIN BROOK LN
PID: 20032300360
D.B. 14085, PG. 2479
P.B. 99, PG. 26

N/F
ROGER EDWARD WILK
940 MOUNTAIN BROOK LN
PID: 20032300370
D.B. 15219, PG. 1559
P.B. 77, PG. 32

MATCH LINE STA. 315+00 SEE SHEET 24-0031

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0030

7/31/2015 GPLN

Curve* 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- COMCAST TO TRANSFER/RELOCATE/REBUILD EXISTING AERIAL COAX/FOC PLANT TO NEW POLE LINE INCLUDING RISERS/UG ADJUSTMENTS AS REQUIRED
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

MARIETTA POWER POLES SHALL BE RELOCATED ATLEAST 14' FROM WHITE LINE

STA 309+50 TO 321+40
RELOCATE BKTA-200 & BKTS-50 TO NEW MARIETTA POWER POLES

COMCAST WILL ATTACH TO RELOCATED POLES.

APPROXIMATE L.L.L. 322
APPROXIMATE L.L.L. 323

51
N/F
CASA GROUP LLC
1001 BURNT HICKORY RD
PID: 20032300430
D.B. 13313, PG. 4848

MATCH LINE STA. 315+00 SEE SHEET 24-0030

315+00 | 316+00 | 317+00 | 318+00 | 319+00 | 320+00 | 321+00

DD1A | DD1 | DD2A | DD2

EXIST R/W

BKTS-50 SSC
BKTA-200
10M

ABANDON:
4" PLASTIC GAS MAIN

RELOCATE FIRE HYDRANT OUTSIDE TRAIL

1-RELOCATE EX. FIRE HYDRANT (1980 MUELLER/4-1/2" V.O.) TO 4' BEHIND PROPOSED SIDEWALK.
1-ADJUST VALVE BOX TO GRADE

BKTS-50 SSC
BKTA-200
10M

EXISTING:
4" PLASTIC GAS MAIN
NOP: 45 PSIG

10' TRAIL

ADJUST TO GRADE

8"

N48°02'40.2"W

Curve* 28

℄ CONSTRUCTION BURNT HICKORY RD.

AT&T CONDUIT

AFTW-600
ADAH-1100

1-REPLACE VALVE BOX
1-ADJUST VALVE BOX TO GRADE

ALTW-100

NO OUTLET

6"

PROPOSED:
4" PLASTIC GAS MAIN
NOP: 45 PSIG

ABANDON:
2" PLASTIC GAS MAIN

EXISTING:
2" PLASTIC GAS MAIN
NOP: 45 PSIG

PROPOSED:
30' X 2" PLASTIC GAS MAIN
NOP: 45 PSIG

CUT & CAP
TIE-INTO 2" PLASTIC GAS MAIN
NOP: 45 PSIG

PROPOSED:
460' X 4" PLASTIC GAS MAIN
NOP: 45 PSIG

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

MOUNTAIN BROOK CT

N/F
MICHAEL & EVA D. HARP
930 MOUNTAIN BROOK LN
PID: 20032300380
D.B. 14855, PG. 1548
P.B. 77, PG. 32

N/F
ROGER EDWARD WILK
940 MOUNTAIN BROOK LN
PID: 20032300370
D.B. 15219, PG. 1559
P.B. 77, PG. 32

N/F
GEORGE J. & IRENE Y. BUSHEY
930 MOUNTAIN BROOK LN
PID: 20032300390
P.B. 77, PG. 32

N/F
TONY GENE & CARRA LEE HARRIS
910 MOUNTAIN BROOK LN
PID: 20032300400
D.B. 12293, PG. 119
P.B. 77, PG. 32

N/F
JAMES K. & ANNETTE H. PIERCE
176 MOUNTAIN BROOK CT
PID: 20032300410
D.B. 12293, PG. 119
P.B. 77, PG. 32

N/F
DALE R. & KATRINA M. BOWLES
175 MOUNTAIN BROOK CT
PID: 20032300060
D.B. 15358, PG. 3410
P.B. 77, PG. 32

MATCH LINE STA. 321+00 SEE SHEET 24-0032

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0031

7/31/2015 GPLN

STA 309+50 TO 321+40
RELOCATE BKTA-200 & BKTS-50 TO NEW MARIETTA POWER POLES

COMCAST WILL ATTACH TO RELOCATED POLES.

MARIETTA POWER POLES SHALL BE RELOCATED ATLEAST 14' FROM WHITE LINE

EXISTING:
1-1/4" PLASTIC GAS (S)MAIN, NOP: 45 PSIG

51
N/F
CASA GROUP LLC
1001 BURNT HICKORY RD
PID: 20032200430
D.B. 13313, PG. 4848

WESTBOROUGH DR

52
N/F
TIMOTHY B. & REBECCA P. STRINGER
811 DEVONWOOD TRL
PID: 20032201440
P.B. 145, PG. 54

S.S.M.H.
RIM: 1049.21
IE: 1038.49
OE: 1036.99

EXISTING:
2" PLASTIC
GAS MAIN
NOP: 45 PSIG

CUT & CAP
TIE-INTO 2" PLASTIC GAS MAIN
NOP: 45 PSIG

PROPOSED:
80' X 2" PLASTIC GAS MAIN
NOP: 45 PSIG

DO NOT DISTURB
WALL AND FENCE

ABANDON:
2" PLASTIC GAS MAIN

ABANDON:
1-1/4" PLASTIC
GAS (S)MAIN

ABANDON:
4" PLASTIC
GAS (S)MAIN

CUT & CAP
TIE-INTO 1-1/4"
PLASTIC GAS
(S)MAIN
NOP: 45 PSIG

S.S.M.H.
RIM: 1046.79
OE: 1036.40(A)
IE: 1039.00(B)

PROPOSED:
75' X 2" PLASTIC
GAS (S)MAIN
NOP: 45 PSIG

DD3

(LINE ONLY)

WOOD
POINT

4' WROUGHT-IRON FENCE

EXIST R/W

10' TRAIL

8' TRAIL

AFTW-200

REMOVE LIGHT POLE
(ALL COST TO BE INCLUDED
IN BID ITEM FOR GRADING
COMPLETE PER LUMP SUM)

Curve# 28

℄ CONSTRUCTION BURNT HICKORY RD.

N/F
STEVEN & KATHY SHERMAN
204 MAYFAIR PL
PID: 20032201430
D.B. 8864, PG. 349
P.B. 145, PG. 54

N/F
MYRON & TONYA COBB
214 MAYFAIR PL
PID: 20032201420
D.B. 14171, PG. 2659
P.B. 145, PG. 54

DEVONWOOD TRAIL

DO NOT DISTURB
WOOD FENCE

S.S.M.H.
RIM: 1037.42
INACCESSIBLE

EXISTING:
4" PLASTIC
GAS MAIN
NOP: 45 PSIG

CARRIAGE
OAKS

6' WOOD FENCE

BKTS-50

RELOCATE FIRE
HYDRANT

N28°39'17.6"W

MATCH LINE STA. 321+00 SEE SHEET 24-0031

MATCH LINE STA. 326+00 SEE SHEET 24-0033

AT&T CONDUIT

PROPOSED:
4" PLASTIC GAS MAIN
NOP: 45 PSIG

ADJUST TO GRADE
CB TO DI

AFTW-600
ADAH-1100

ANTW-600
SP-5402BT-24

ALTW-100

N/A - ANDERSON
PROPERTY

1-REPLACE VALVE BOX
1-ADJUST VALVE BOX TO GRADE

1-RELOCATE 1-1/2" WATER METER & BFP & BOXES
1-2" SERVICE TAP ON 8" WATER MAIN
1-8"X2" DOUBLE-STRAPPED SERVICE SADDLE
1-RECONNECT TO EXIST. 2" IRRIGATION SERVICE
2" COPPER AS REQ'D.
1-CUT & PLUG 1 1/2" WATER SERVICE AT MAIN.

STA 322+75
1-ADJUST SANITARY SEWER
MANHOLE TO FINAL GRADE

S.S.M.H.
RIM: 1035.49
IE: 1026.29
OE: 1025.55

2-REPLACE VALVE BOX
2-ADJUST VALVE BOX TO GRADE
1-RELOCATE EX. FIRE HYDRANT TO 4' BEHIND PROP
SIDEWALK 6" DIP AS REQ'D

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

PROPOSED:
795' X 4" PLASTIC GAS MAIN
NOP: 45 PSIG

ABANDON:
4" PLASTIC GAS MAIN

N/F
DALE R. & KATRINA M. BOWLES
175 MOUNTAIN BROOK CT
PID: 20032300060
D.B. 15358, PG. 3410
P.B. 77, PG. 32

N/F
JAMES T. III & WILLIAM T. &
KENT LESLIE VIRGINIA ANDERSON
1100 BURNT HICKORY RD
PID: 20032200030
D.B. 14693, PG. 2103

Curve# 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- COMCAST TO TRANSFER/RELOCATE/REBUILD EXISTING AERIAL COAX/FOC PLANT TO NEW POLE LINE INCLUDING RISERS/UG ADJUSTMENTS AS REQUIRED
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

CITY OF MARIETTA

APPROXIMATE L.L.L.322
APPROXIMATE L.L.L.323

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

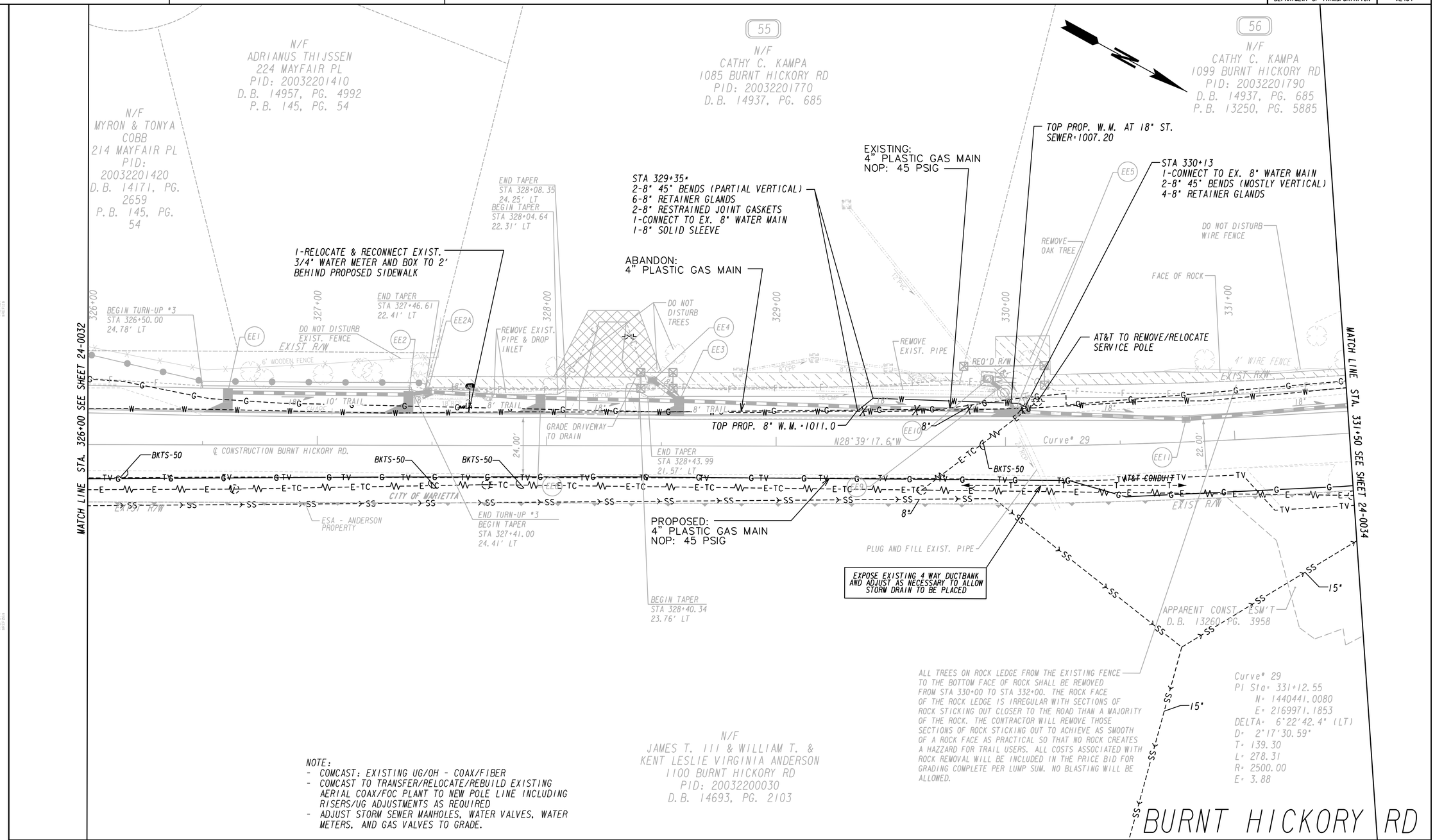
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0032

7/31/2015 GPLN



NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- COMCAST TO TRANSFER/RELOCATE/REBUILD EXISTING AERIAL COAX/FOC PLANT TO NEW POLE LINE INCLUDING RISERS/UG ADJUSTMENTS AS REQUIRED
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	--C--F--
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0033

7/31/2015 GPLN

56
N/F
CATHY C. KAMPA
1099 BURNT HICKORY RD
PID: 20032201790
D.B. 14937, PG. 685
P.B. 13250, PG. 5885

ABANDON: 4" GAS VALVE
ABANDON: 4" PLASTIC GAS MAIN
DO NOT DISTURB CHAIN LINK FENCE
I-ADJUST SANITARY SEWER MANHOLE TO FINAL GRADE
S.S.M.H. RIM: 1009.61 IE: 993.82 OE: 993.64
PERENNIAL STREAM 5 NOSES CREEK
ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
APPARENT CONST. ESM'T D.B. 13260 PG. 3960
S.S.M.H. RIM: 1005.20 INACCESSIBLE
TOP OF BANK NOSES CREEK
CITY OF MARIETTA
APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"
SPECIAL USE PERMIT AREA
57
N/F
U.S. GOVERNMENT
BURNT HICKORY ROAD
PID: 20032200090
MATCH LINE STA. 331+50 SEE SHEET 24-0033
MATCH LINE STA. 337+00 SEE SHEET 24-0035
332+00 333+00 334+00 335+00 336+00 337+00
EE14 EE13 EE12 FF4 FF2 FF2A FF3
EXIST R/W
8' TRAIL
10' TRAIL
KENNESAW MT.
NO PARK
CREEK
18"
22.00'
℄ CONSTRUCTION BURNT HICKORY RD.
N35°02'00.0"W
Curve# 30
Curve# 29
AT&T CONDUIT
APPARENT CONST. ESM'T D.B. 13260 PG. 3958
RETAIN FIRE HYDRANT
I-ADJUST VALVE BOX TO GRADE
EXISTING: 1-1/4" PLASTIC GAS (S)MAIN NOP: 45 PSIG
CUT & CAP TIE-INTO 1-1/4" PLASTIC GAS (S)MAIN NOP: 45 PSIG
PROPOSED: 65' X 2" PLASTIC GAS (S)MAIN NOP: 45 PSIG
3-ADJUST VALVE BOX TO GRADE
ADJUST UG ELECTRICAL DISTRIBUTION CABLE AS REQUIRED
S.S.M.H. RIM: 1007.59 IE: 994.69 OE: 994.59
PROPOSED: 25' X 4" PLASTIC GAS MAIN NOP: 45 PSIG *EXTEND TO LAST CUSTOMER
N/F
JAMES T. III & WILLIAM T. & KENT LESLIE VIRGINIA ANDERSON
1100 BURNT HICKORY RD
PID: 20032200030
D.B. 14693, PG. 2103
ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
NOSES CREEK
ESA - ANDERSON PROPERTY
PERENNIAL STREAM 5 NOSES CREEK
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY
N/F
KENNESAW NATIONAL PARK
BURNT HICKORY ROAD
PID: 20028700010
APPROXIMATE L.L.L.32
APPROXIMATE L.L.L.281
N/F
KENNESAW NATIONAL PARK
BURNT HICKORY ROAD
PID: 20028700010

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

Curve# 29
PI Sta: 331+12.55
N: 1440441.0080
E: 2169971.1853
DELTA: 6°22'42.4" (LT)
D: 2°17'30.59"
T: 139.30
L: 278.31
R: 2500.00
E: 3.88

Curve# 30
PI Sta: 337+50.91
N: 1440963.9427
E: 2169604.5687
DELTA: 31°14'16.0" (LT)
D: 12°03'44.17"
T: 132.79
L: 258.97
R: 475.00
E: 18.21

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0034

7/31/2015 GPLN

WETLAND 6

57
N/F
U.S. GOVERNMENT
BURNT HICKORY
ROAD
PID: 20032200090

58
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

APPROXIMATE L.L.L. 322
APPROXIMATE L.L.L. 287

SPECIAL USE PERMIT AREA

MATCH LINE STA. 337+00 SEE SHEET 24-0034

337+00
338+00
339+00
340+00
341+00
342+00

FF5
FF6
GG1
GG2

18"
10' TRAIL
EXIST R/W
NO PARK

Curve# 30
22.00'
N66°16'16.0"W
Curve# 31
N67°25'48.6"W
℄ CONSTRUCTION BURNT HICKORY RD.

AT&T CONDUIT

KENNESAW MT.

EXIST R/W

MATCH LINE STA. 342+00 SEE SHEET 24-0036

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve# 30
PI Sta= 337+50.91
N= 1440963.9427
E= 2169604.5687
DELTA= 31°14'16.0" (LT)
D= 12°03'44.17"
T= 132.79
L= 258.97
R= 475.00
E= 18.21

Curve# 31
PI Sta= 340+31.15
N= 1441079.3764
E= 2169341.9631
DELTA= 1°09'32.6" (LT)
D= 1°00'00.00"
T= 57.95
L= 115.90
R= 5729.58
E= 0.29

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0035

7/31/2015 GPLN

APPROXIMATE L.L.L. 322
APPROXIMATE L.L.L. 287

58
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ESA - RESOURCE 3

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

SPECIAL USE PERMIT AREA

SPECIAL USE PERMIT AREA

342+00

343+00

344+00

345+00

346+00

MATCH LINE STA. 342+00 SEE SHEET 24-0035

MATCH LINE STA. 346+50 SEE SHEET 24-0037

EXIST R/W

10' TRAIL

NO PARK

8' TRAIL

NO PARK

8' TRAIL

EXIST R/W

℄ CONSTRUCTION BURNT HICKORY RD.

N67°25'48.6"W

AT&T CONDUIT

Curve# 32

22.00'

N27°42'32.0"W

EXIST R/W

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

Curve# 32
PI Sta: 345+00.62
N: 1441259.5623
E: 2168908.4513
DELTA: 39°43'16.5" (RT)
D: 16°22'12.80"
T: 126.43
L: 242.64
R: 350.00
E: 22.13

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0036

7/31/2015 GPLN

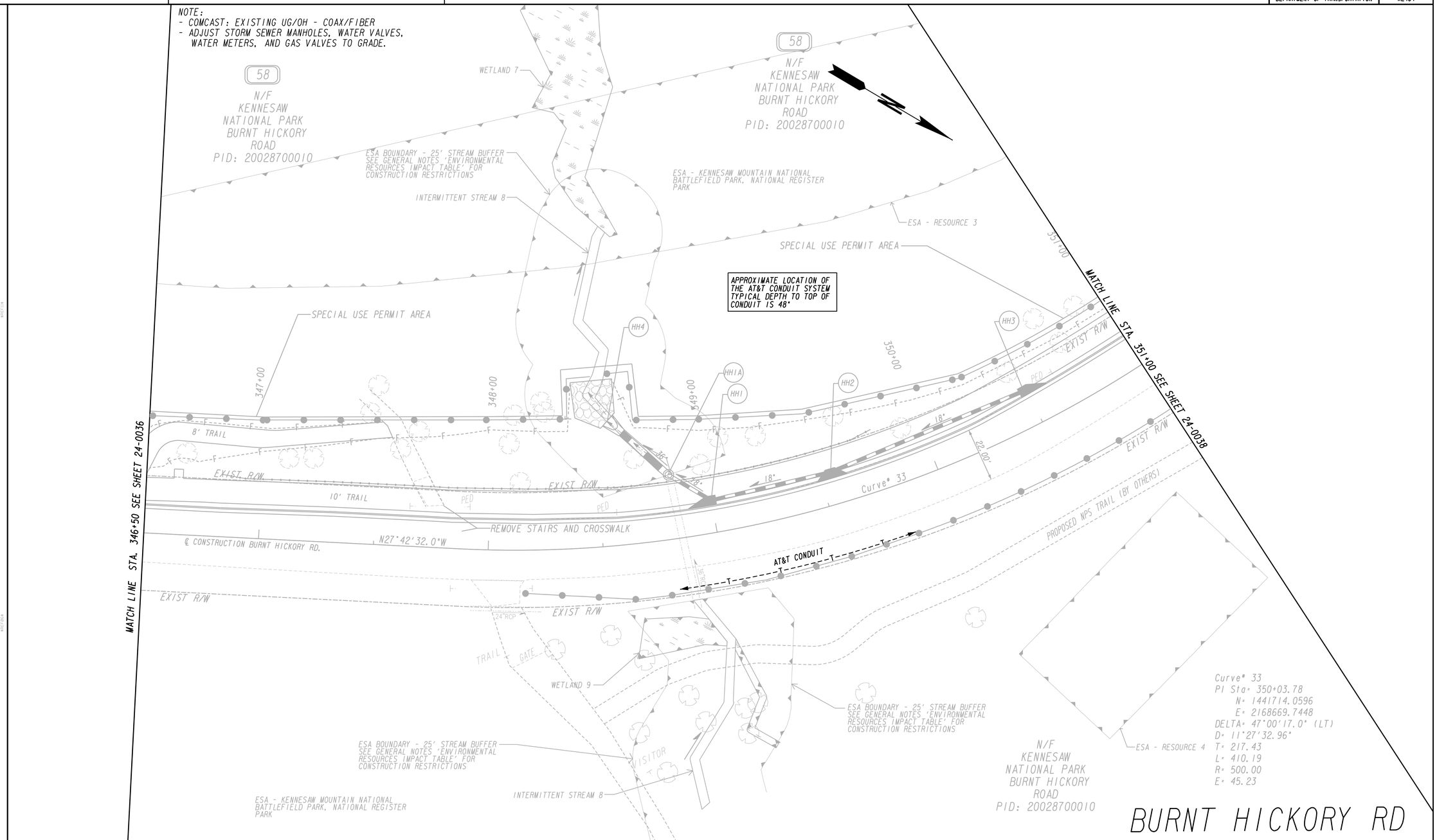
8/6/2020 4:57:08 PM $PRF8$ J:\2017030\0015279\DGN\0015279_24-0037_(BH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0037

7/31/2015 GPLN

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USER:jkelly

58

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EPHEMERAL CHANNEL 10

SPECIAL USE PERMIT AREA

SPECIAL USE PERMIT AREA

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

MATCH LINE STA. 351+00 SEE SHEET 24-0037

MATCH LINE STA. 356+00 SEE SHEET 24-0039

351+00

352+00

353+00

354+00

355+00

356+00

JJ3

JJ2

ESA - RESOURCE 3

10' TRAIL

EXIST R/W

NO PARK

Curve# 33

22.00'

36"

24.00'

18"

EXIST R/W

10' TRAIL

N74°42'49.1"W

Curve# 34
N76°12'58.7"W

℄ CONSTRUCTION BURNT HICKORY RD.

EXIST R/W

AT&T CONDUIT

PROPOSED NPS TRAIL (BY OTHERS)

CASS HOUSE SITE

EXIST R/W

Curve# 33
PI Sta= 350+03.78
N= 1441714.0596
E= 2168669.7448
DELTA= 47°00'17.0" (LT)
D= 11°27'32.96"
T= 217.43
L= 410.19
R= 500.00
E= 45.23

PI Sta= 354+07.02
N= 1441826.8768
E= 2168256.9686
DELTA= 1°30'09.7" (LT)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

Curve# 34
PI Sta= 357+47.74
N= 1441908.0535
E= 2167926.0694
DELTA= 6°00'25.1" (LT)
D= 2°00'00.00"
T= 150.31
L= 300.35
R= 2864.79
E= 3.94

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE	-----℄-----
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	--C--F--
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 24-0038

7/31/2015 GPLN

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USER:jkelly

58

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

59

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028800010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 2

SPECIAL USE PERMIT AREA

SPECIAL USE PERMIT AREA

RELOCATE HISTORIC SIGN TO STA 360+57.00

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

ESA - RESOURCE 3

JJ1

356+00

357+00

358+00

359+00

360+00

361+00

MATCH LINE STA. 356+00 SEE SHEET 24-0038

MATCH LINE STA. 361+50 SEE SHEET 24-0040

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

10' TRAIL

10' TRAIL

NO PARK

NO PARK

500+00

@ TRAIL ALIGNMENT 2

N82°53'18.8"W

N82°13'23.8"W

Curve# 34

℄ CONSTRUCTION BURNT HICKORY RD.

AT&T CONDUIT

BEGIN REMOVE FENCE

BEGIN TRAIL ALIGNMENT
STA 500+00.00
STA 360+83.01 CHEATHAM HILL RD
16.16' LT
N 1441937.4465
E 2167591.4177

END REMOVE FENCE
BEGIN REMOVE & RESET
4' SPLIT RAIL FENCE
STA 361+44.89
(SEE SHT 38-0002)

Curve# 34
PI Sta: 357+47.74
N: 1441908.0535
E: 2167926.0694
DELTA: 6°00'25.1" (LT)
D: 2°00'00.00"
T: 150.31
L: 300.35
R: 2864.79
E: 3.94

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

APPROXIMATE L.L.L.288
APPROXIMATE L.L.L.287

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 24-0039

7/31/2015 GPLN

59
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028800010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

APPROXIMATE LOCATION OF THE AT&T CONDUIT SYSTEM TYPICAL DEPTH TO TOP OF CONDUIT IS 48"

ESA - RESOURCE 2

RECONSTRUCT CONCRETE FLUME
STA. 364+03.84
SEE DRAWING 38-0007
FOR DETAILS

FENCE

362+00 363+00 364+00 365+00 366+00 367+00

501+00 502+00 503+00 504+00

EXIST. DOG STATION

DOG STATION

10' TRAIL

TRAIL

N61°36'00.4"W

S66°53'55.3"W

N84°52'16.7"W

@ TRAIL ALIGNMENT 2

4' SPLIT RAIL

EXIST R/W

℄ CONSTRUCTION BURNT HICKORY RD.

N82°13'23.8"W

SPI9

AT&T CONDUIT

END REMOVE & RESET
4' SPLIT RAIL FENCE
STA 362+27.89
(SEE SHT 38-0002)

DO NOT DISTURB
SPLIT RAIL FENCE

REMOVE AND RESET
4' SPLIT RAIL FENCE FROM
STA 363+80 TO STA 364+10
FOR CONSTRUCTION OF SPILLWAY

MATCH LINE STA. 361+50 SEE SHEET 24-0039

SPECIAL USE PERMIT AREA

ESA - RESOURCE 1

END TRAIL ALIGNMENT
STA 504+92.28
STA 365+60.85 CHEATHAM HILL RD
62.64' LT
N 1441956.0562
E 2167111.6877

DO NOT DISTURB
SPLIT RAIL FENCE

HANDICAP

4' WOOD SPLIT RAIL

GATE

EXIST. WATER FOUNDATION

4' WOOD SPLIT RAIL

HIST. EXIST R/W

DO NOT DISTURB
SPLIT RAIL FENCE

NAT'L PARK

ONE WAY

PED

STOP

24"RCP

EXIST. CROSSWALK

12"HDP

STREET

OLD MOUNTAIN ROAD

END PROJECT
END CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 365+64.37
N 1442018.5920
E 2167116.6728

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

N/F
JOHN BARRY &
JUDITH R.
MCKERNAN
1520 BURNT
HICKORY RD
PID: 20028800140
D.B. 14700, PG.
4648
P.B. 250, PG. 91

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	————
CONSTRUCTION LIMITS	— C — F —
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
LIMIT OF ACCESS	——ooo——ooo——
REQ'D R/W & LIMIT OF ACCESS	——|||——|||——
ORANGE BARRIER FENCE	——●——●——
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	▼——▼

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		24-0040
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

SIGNING AND PAVEMENT MARKING GENERAL NOTES

1. ALL ITEMS NECESSARY FOR COMPLIANCE WITH THESE REQUIREMENTS SHALL BE INCLUDED IN THE PRICE BID FOR THE SPECIFIC ITEM.
2. ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD), LATEST EDITION, AND ANY APPLICABLE COBB COUNTY STANDARDS.
3. ALL INSTALLATION MATERIALS AND METHODS SHALL COMPLY WITH CURRENT GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS AND/OR SPECIAL PROVISIONS, UNLESS SPECIFIED IN THE SIGNING AND PAVEMENT MARKING GENERAL NOTES.
4. RAISED PAVEMENT MARKERS (RPMs) SHALL BE PROVIDED PER GEORGIA DEPARTMENT OF TRANSPORTATION DETAIL T-15A.
5. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, OR PREFORMED PLASTIC CONTRAST TAPE ON CONCRETE SURFACES, UNLESS OTHERWISE NOTED.
6. TYPE II RETROREFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS.
7. ALL SIGNS SHALL BE ON 5052-H38 FLAT ALUMINUM ALLOY (0.080 GAUGE THICKNESS) WITH ROUNDED CORNERS. ALL SIGNS SHALL MEET OR EXCEED ASTM D 4956 SPECIFICATIONS FOR RETROREFLECTIVITY. THE APPROPRIATE HIGHWAY COLOR TOLERANCE CHARTS ISSUED BY THE FHWA UTILIZING THE INSTRUCTIONS THEREON.
8. UNLESS OTHERWISE NOTED, SIGN POSTS SHALL BE TYPE 7 (2" 14 GAUGE) STEEL GALVANIZED POSTS, AS DIRECTED IN GEORGIA DEPARTMENT OF TRANSPORTATION INSTALLATION DETAIL T-3A. WHERE STREET BLADES (D3-1 'S) ARE SPECIFIED ABOVE STOP SIGNS (R1-1 'S), THESE BLADES SHALL BE ATTACHED DIRECTLY TO THE POST ABOVE THE R1-1. EACH STREET SHALL HAVE TWO SINGLE-SIDED BLADES INSTALLED BACK-TO-BACK ON THE OUTSIDE OF THE POST AND FASTENED AT THE EDGES.
9. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS OF THE MUTCD, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR WITHOUT PRIOR APPROVAL FROM COBB COUNTY DEPARTMENT OF TRANSPORTATION.
10. IN RESIDENTIAL AREAS SIGNS SHALL BE LOCATED ON, OR AS CLOSE AS POSSIBLE TO, PROPERTY LINES.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL SIGNS/POSTS/PAVEMENT MARKINGS THAT ARE DUPLICATED OR CONTRARY TO THESE PLANS.
12. ALL R4-7 (KEEP RIGHT) SIGNS SHALL BE INSTALLED 10 FEET FROM THE END (BULLNOSES) OF MEDIANS. OM-3L SIGNS SHALL BE INSTALLED UNDER R4-7 SIGNS. PVC PIPE (6-INCH DIAMETER) IS REQUIRED FOR INSTALLING R4-7/OM-3L SIGN AND ANY OTHER SIGN POSTS WHEN MEDIANS ARE CONCRETE OR SOME OTHER IMPERVIOUS SURFACE. PVC PIPE SHALL NOT EXTEND ABOVE MEDIAN SURFACE MORE THAN 4 INCHES. QUIKRETE OR EQUIVALENT QUICK SETTING CONCRETE SHALL BE USED TO BACK FILL THE PVC HOLE.
13. STREET NAME BLADES (D3'S) SHALL BE PROVIDED BY THE CONTRACTOR. SUPPLEMENTARY LETTERING TO INDICATE TYPE OF ROAD (SUCH AS ST OR RD) SHALL BE OF THE SAME LETTERING SIZE AS THE STREET NAME, AS DIRECTED BELOW. ALL D3'S SHALL BE "WHITE ON GREEN", EXCEPT PRIVATE ROADS WHICH SHALL BE "WHITE ON BLUE."

    LOCAL ROAD D3'S (NOT ON COUNTY'S MAJOR THOROUGHFARE PLAN) - 6 IN METAL BLADE, 4-INCH INITIAL UPPER-CASE, 3-INCH LOWER CASE, SERIES "C". SPACING RATIO SHALL BE 100% WHEN SIGN LENGTH DOES NOT EXCEED 46 INCHES. ARROWS SHALL BE PROVIDED AS NECESSARY TO CLARIFY STREET NAME CHANGES AT INTERSECTIONS.

    MAJOR THOROUGHFARE PLAN ROAD D3'S - 9-INCH METAL BLADE, 6-INCH INITIAL UPPER-CASE, 4.5-INCH LOWER-CASE, 0.5-INCH WHITE BORDER, SERIES "C". SPACING RATIO SHALL BE 100% WHEN SIGN LENGTH DOES NOT EXCEED 66 INCHES. ARROWS SHALL BE PROVIDED AS NECESSARY TO CLARIFY STREET NAME CHANGES TO INTERSECTIONS.

    MULTI-LANE ROAD D3'S (45 MPH OR HIGHER) - 12-INCH METAL BLADE, 8-INCH INITIAL UPPER-CASE, 6-INCH LOWER-CASE, 0.5-INCH WHITE BORDER, SERIES "C". SPACING RATIO SHALL BE 100% WHEN SIGN LENGTH DOES NOT EXCEED 66 INCHES. ARROWS SHALL BE PROVIDED AS NECESSARY TO CLARIFY STREET NAME CHANGES TO INTERSECTIONS.

    OVERHEAD D3'S (TYPICALLY AT SIGNALIZED INTERSECTIONS) - 18-INCH METAL BLADE, 12-INCH INITIAL UPPER-CASE, 9-INCH LOWER-CASE, 1-INCH WHITE BORDER, SERIES "C". ARROWS SHALL BE PROVIDED AS NECESSARY TO CLARIFY STREET NAME CHANGES TO INTERSECTIONS. MAXIMUM SIGN LENGTH SHALL BE 120 INCHES (96 INCHES PREFERABLE).
14. ALL SIGNAL AHEAD (W3-3) CROSS ROAD (W2-1) AND SIDE ROAD (W2-2) SIGNS SHALL HAVE W16-8P SUPPLEMENTAL PLAQUES INSTALLED BELOW THE WARNING SIGN ADVISING MOTORISTS OF THE NAME OF APPROACHING STREET(S). W16-8P SUPPLEMENTAL PLAQUES SHALL BE 9-INCH WITH A 0.5-INCH BLACK BORDER FOR ONE LINE AND 24-INCH WITH A 0.6-INCH BLACK BORDER FOR TWO LINES, BLACK ON YELLOW. ALL LETTERING SHALL BE 5-INCH SERIES "C", UPPER AND LOWER CASE. AT LOCATIONS WHERE STREETS CHANGE NAMES, 5-INCH ARROWS SHALL BE PROVIDED ON THE ADVISORY BLADES TO INDICATE THE CORRECT STREET NAME.
15. PLANS SHALL INCLUDE SHEET(S) DETAILING FABRICATION SPECIFICATIONS FOR ALL REQUIRED ADVISORY NAME BLADES AND D3'S.
16. THE CONTRACTOR IS RESPONSIBLE FOR THE MAINTENANCE OF EXISTING TRAFFIC CONTROL SIGNS THROUGHOUT CONSTRUCTION. THIS INCLUDES CLEANING AND REPLACEMENT OF EXISTING SIGNS SHOULD THESE SIGNS NEED CLEANING, REPAIR OR REPLACEMENT DURING CONSTRUCTION.
17. ALL EXISTING PAVEMENT MARKINGS SHOWING TO BE REMOVED OR CONFLICTING WITH NEW PAVEMENT MARKINGS SHALL BE OBLITERATED BY HYDROBLASTING OR SANDBLASTING (GRINDING AND BLACKOUT PAINT ARE PROHIBITED).
18. MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
19. POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.

REVISED DATE 04/22/2019

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

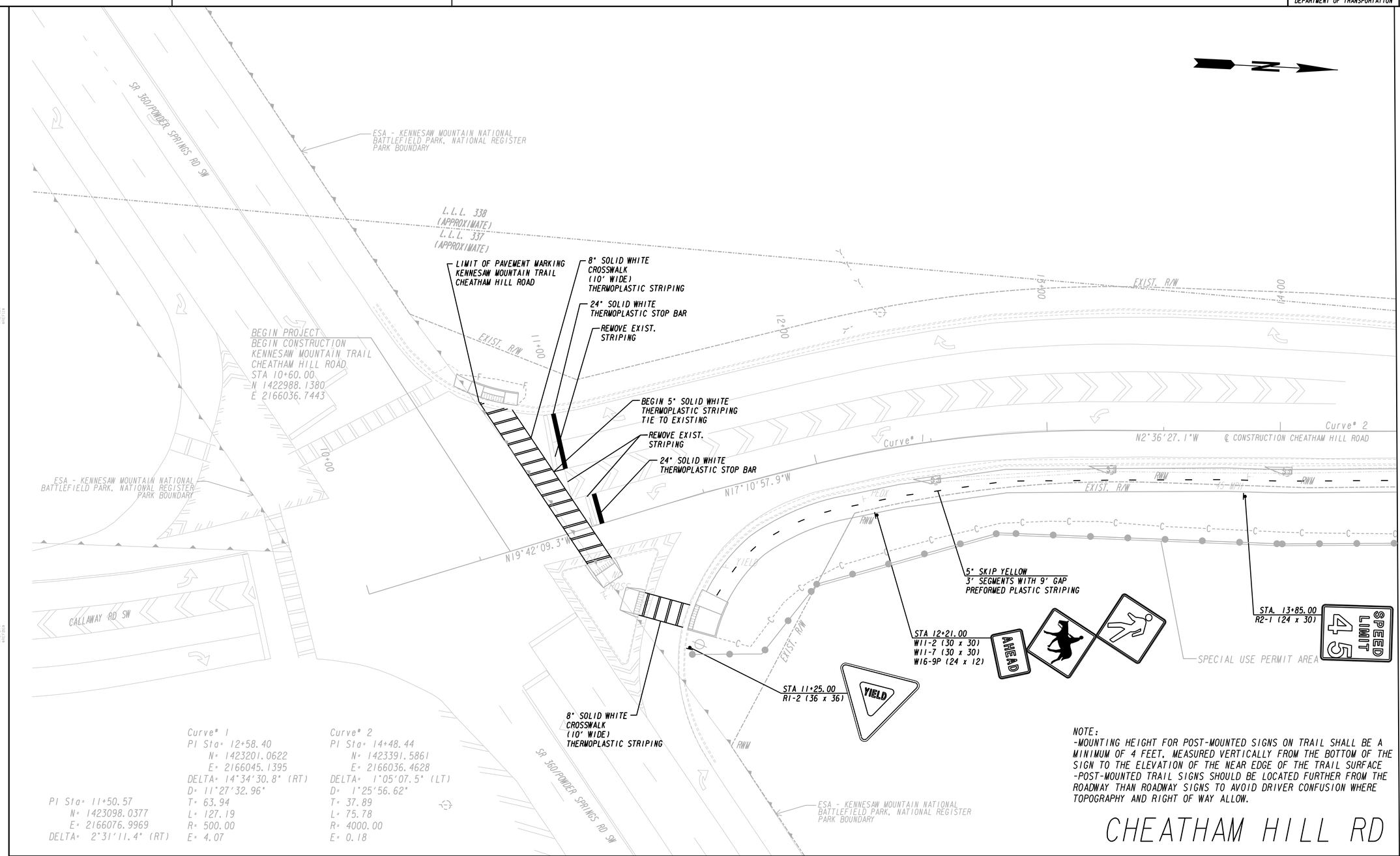
COBB COUNTY - DEPARTMENT OF TRANSPORTATION

SIGNING AND MARKING GENERAL NOTES

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0000
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN



MATCH LINE STA. 14+50

DRAWING No. 26-0002

Curve# 1
PI Sta= 12+58.40
N= 1423201.0622
E= 2166045.1395
DELTA= 14°34'30.8" (RT)
D= 11°27'32.96"
T= 63.94
L= 127.19
R= 500.00
E= 4.07

Curve# 2
PI Sta= 14+48.44
N= 1423391.5861
E= 2166036.4628
DELTA= 1°05'07.5" (LT)
D= 1°25'56.62"
T= 37.89
L= 75.78
R= 4000.00
E= 0.18

PI Sta= 11+50.57
N= 1423098.0377
E= 2166076.9969
DELTA= 2°31'11.4" (RT)

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
-POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

SIGNING AND MARKING PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0001

7/31/2015 GPLN

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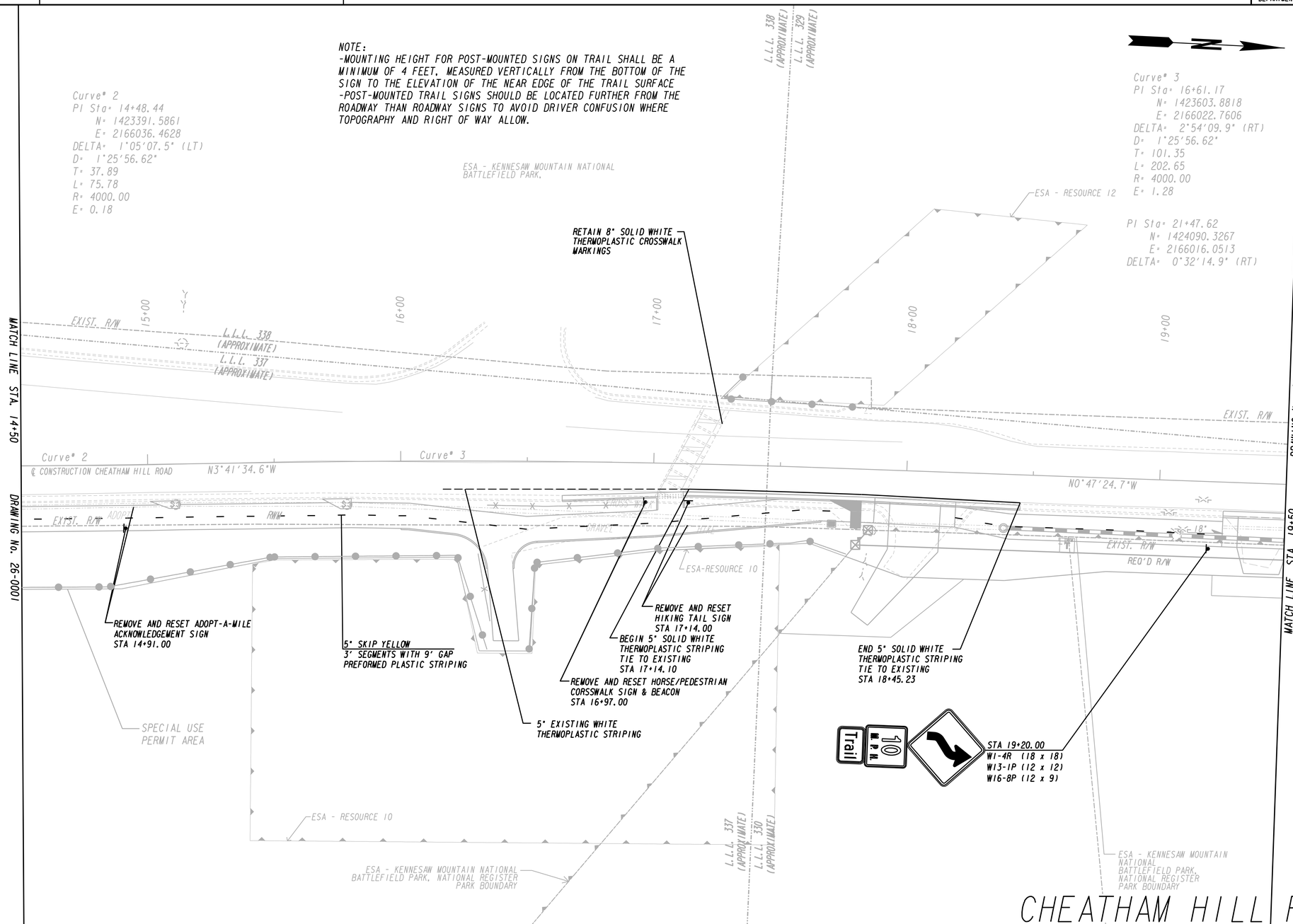
USER:jkelly
COBB COUNTY DEPARTMENT OF TRANSPORTATION
P.I. No. X2404

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
-POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0002

7/31/2015 GPLN

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
-POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)

N

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 2

20+00 21+00 22+00 23+00 24+00

MATCH LINE STA. 19+50

DRAWING No. 26-0002

EXIST. R/W

L.L.L. 329 (APPROXIMATE)
L.L.L. 330 (APPROXIMATE)

N0°47'24.7"W

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°15'09.8"W

18" 18" 24" 24"

REQ'D R/W

5' SKIP YELLOW PREFORMED PLASTIC STRIPING 3' SEGMENTS WITH 9' GAP

BEGIN 5' SOLID WHITE THERMOPLASTIC STRIPING TIE TO EXISTING STA 22+29.95

TEMP EASM'T 1
KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

TEMP EASM'T 2
STA 22+26.00
W1-4L (18 x 18)
W13-1P (12 x 12)
W16-8P (12 x 9)

10 M.P.H. Trail

Kolb Ln

STA 24+25.00
W2-2R (30 x 30)
W16-8P (18 x 9)

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

WETLAND 1

INTERMITTENT STREAM 2

MATCH LINE STA. 24+50

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 26-0003

7/31/2015 GPLN

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USER:jkelly

MATCH LINE STA. 24+50 DRAWING No. 26-0003

MATCH LINE STA. 29+00 DRAWING No. 26-0005

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 2

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

PI Sta= 26+34.53
N= 1424577.2291
E= 2166013.9037
DELTA= 0°34'25.6" (RT)

Curve# 4
PI Sta= 29+16.35
N= 1424859.0483
E= 2166015.4828
DELTA= 1°05'58.3" (RT)
D= 2°51'53.24"
T= 19.19
L= 38.38
R= 2000.00
E= 0.09

25+00 26+00 27+00 28+00 29+00

EXIST. R/W

EXIST. R/W Curve# 4

5" SKIP YELLOW PREFORMED PLASTIC STRIPING 3' SEGMENTS WITH 9' GAP

N0°15'09.8"W

N0°19'15.8"E
℄ CONSTRUCTION CHEATHAM HILL ROAD

L.L.L. 329 (APPROXIMATE)
L.L.L. 330 (APPROXIMATE)

EXIST. R/W 24'

REQ'D R/W

EXIST. R/W

REQ'D R/W

KOLB LANE

EXIST. R/W

EXIST. R/W

REQ'D R/W

5" SOLID WHITE THERMOPLASTIC STRIPING

Trail 10 M.P.H.

STA 25+24.00
W1-4R (18 x 18)
W13-1P (12 x 12)
W16-8P (12 x 9)

24" SOLID WHITE THERMOPLASTIC STOP BAR

Trail 10 M.P.H.

STA 27+09.00
W1-4R (18 x 18)
W13-1P (12 x 12)
W16-8P (12 x 9)

Kolb Ln NO OUTLET

STA 25+93.00
(2) D3-1 (48 x 9)
(2) D3-1 (22 x 9)
(2) W14-2a (36 x 8)

Cheatham Hill Rd

10 M.P.H. Trail

STA 27+70.00
W1-4L (18 x 18)
W13-1P (12 x 12)
W16-8P (12 x 9)

END 5" SOLID WHITE THERMOPLASTIC STRIPING
STA 25+98.13

STA 26+22.00
R1-1 (30X30)

STOP

8" SOLID WHITE THERMOPLASTIC CROSSWALK (10' WIDE)

BEGIN 5" SOLID WHITE THERMOPLASTIC STRIPING
STA 26+16.22

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
-POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 26-0004

7/31/2015 GPLN

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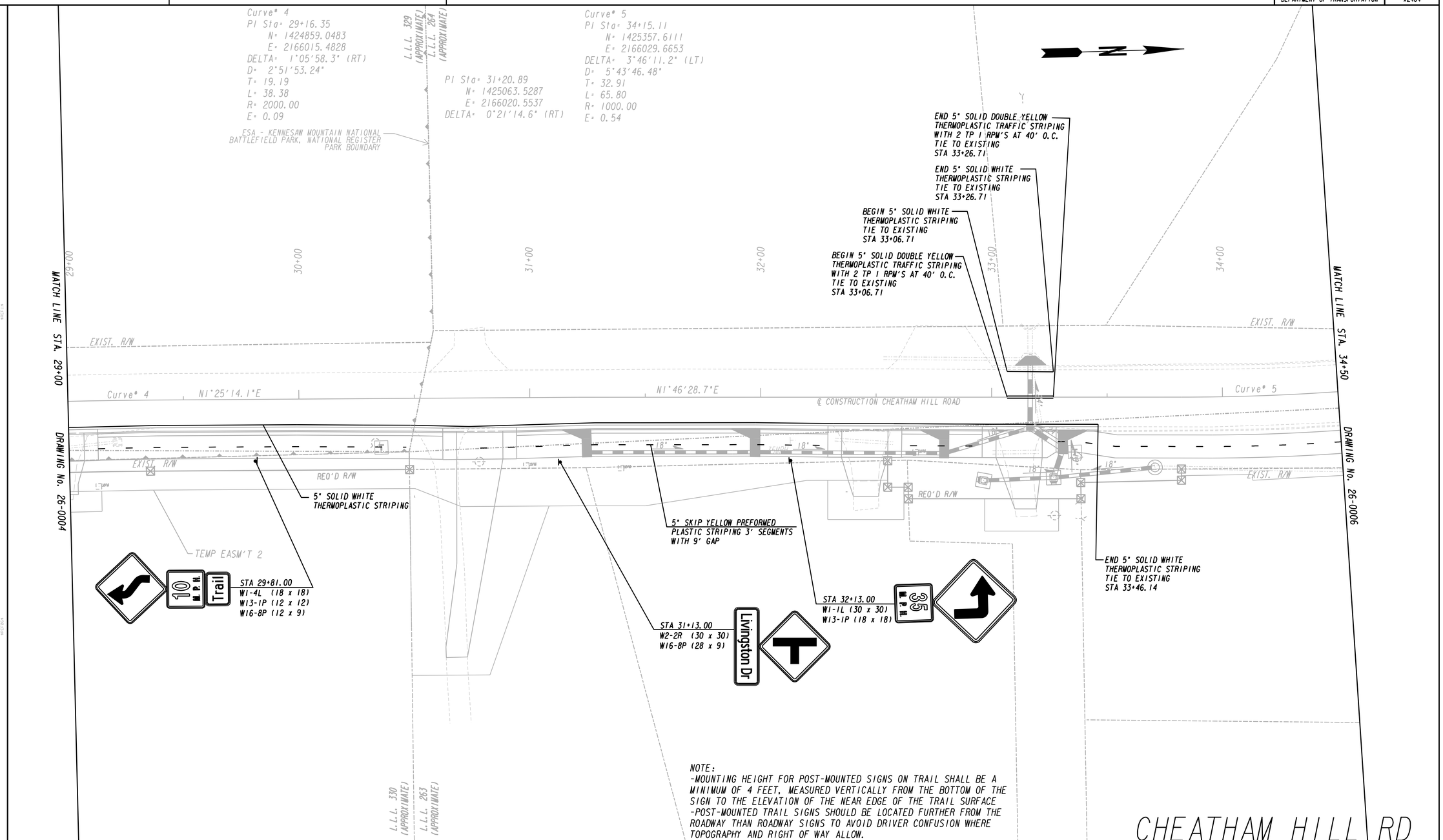
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P. I. No.
X2404



NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
-POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	—C— —F—
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
26-0005

7/31/2015 GPLN

8/6/2020 4:57:59 PM
USER:jkelly

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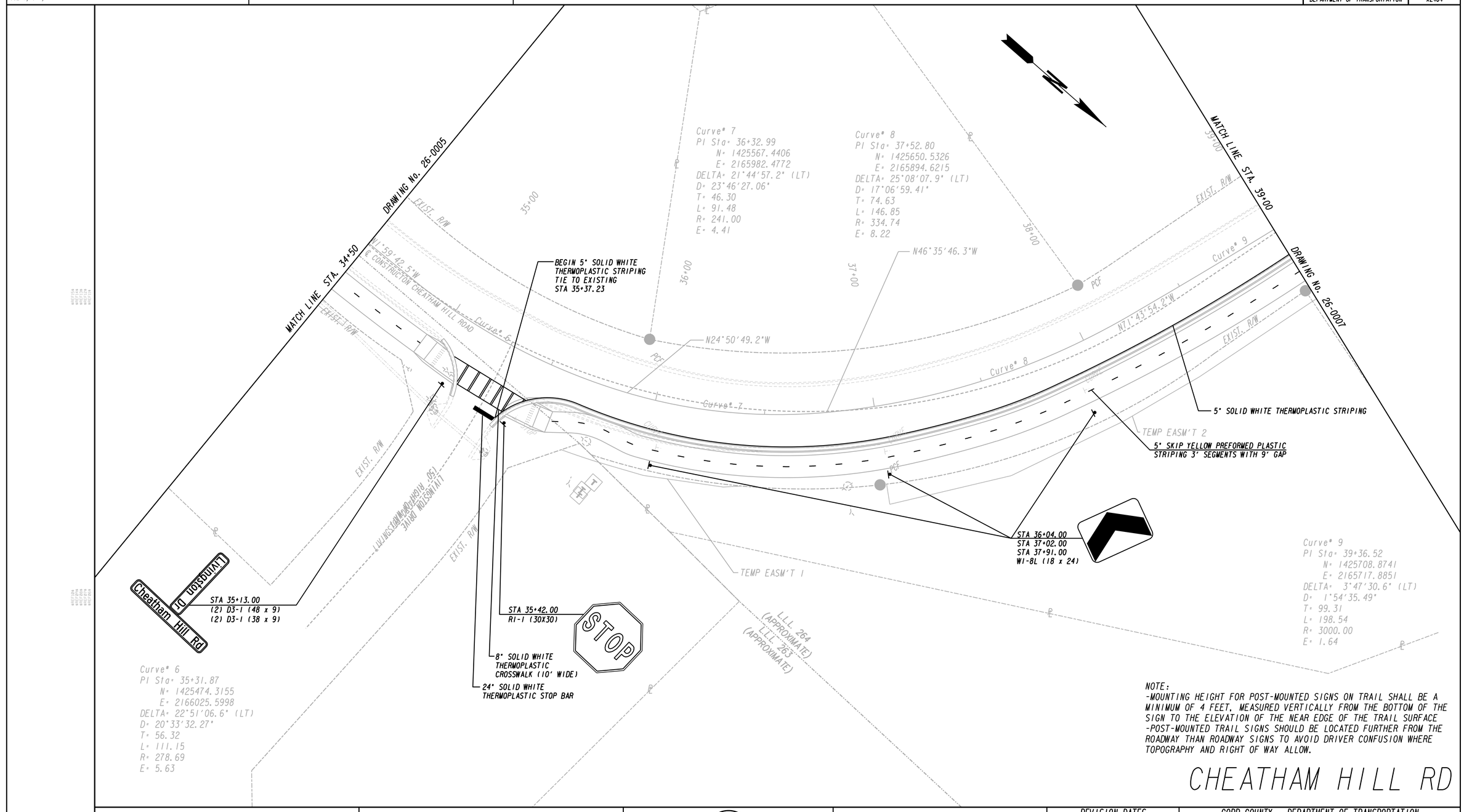
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404



NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

SIGNING AND MARKING PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0006

7/31/2015 GPLN

8/6/2020 4:58:04 PM
USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404

Curve° 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

39+00 40+00 41+00 42+00 43+00

MATCH LINE STA. 39+00 DRAWING No. 26-0006

MATCH LINE STA. 43+50 DRAWING No. 26-0008

EXIST. R/W

EXIST. R/W

Curve° 9

℄ CONSTRUCTION CHEATHAM HILL ROAD

N75°31'24.8"W

EXIST. R/W

EXIST. R/W

STA 39+30.00
W2-1 (30 x 30)
W16-8P (48 x 24)

Tanager Bridge Ct
Livingston Dr

5° SOLID WHITE
THERMOPLASTIC STRIPING

5° SKIP YELLOW PREFORMED PLASTIC
STRIPING 3' SEGMENTS WITH 9' GAP

STA 40+55.00
W1-4L (18 x 18)
W13-1P (12 x 12)
W16-8P (12 x 9)

Trail
10 M.P.H.

END 5° SOLID WHITE
THERMOPLASTIC STRIPING
TIE TO EXISTING
STA 42+57.79

STA 42+10.00
W1-1R (30 x 30)
W13-1P (18 x 18)

35 M.P.H.

10 M.P.H.
Trail

STA 43+10.00
W1-4R (18 x 18)
W13-1P (12 x 12)
W16-8P (12 x 9)

NOTE:
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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
26-0007

7/31/2015 GPLN

Curve* 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15"
T= 78.28
L= 155.70
R= 605.91
E= 5.04

EXIST. R/W
TANAGER BRIDGE COURT
EXIST. R/W
44+00
45+00
46+00
47+00
EXIST. R/W
EXIST. R/W
EXIST. R/W

DRAWING No. 26-0007

MATCH LINE STA. 43+50

8" SOLID WHITE
THERMOPLASTIC
CROSSWALK (10' WIDE)

℄ CONSTRUCTION CHEATHAM HILL ROAD N75°31'24.8"W

Curve* 10

EXIST. R/W
EXIST. R/W
EXIST. R/W
LIVINGSTON DRIVE
EXIST. R/W

5" SKIP YELLOW PREFORMED PLASTIC
STRIPING 3' SEGMENTS WITH 9' GAP

BEGIN 5" SOLID WHITE THERMOPLASTIC STRIPING
TIE TO EXISTING
STA 46+59.13

DRAWING No. 26-0009

MATCH LINE STA. 47+50

STA 44+50.00
R1-1 (30X30)

STOP

24" SOLID WHITE
THERMOPLASTIC STOP BAR

WETLAND 3

STA 44+10.00
(2) D3-1 (48X9)
(2) D3-1 (38X9)

Livingston Dr.
Cheatham Hill Rd

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
26-0008

7/31/2015 GPLN

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Curve# 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15"
T= 78.28
L= 155.70
R= 605.91
E= 5.04

Curve# 11
PI Sta= 48+19.55
N= 1425958.9266
E= 2164873.6330
DELTA= 13°48'07.8" (RT)
D= 16°57'01.48"
T= 40.91
L= 81.43
R= 338.02
E= 2.47

Curve# 12
PI Sta= 49+50.52
N= 1426048.5158
E= 2164777.5669
DELTA= 28°43'54.9" (RT)
D= 17°31'31.43"
T= 83.73
L= 163.94
R= 326.93
E= 10.55

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve# 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

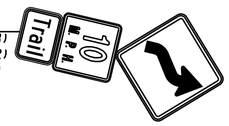
48+00
49+00
50+00
51+00

EXIST. R/W

Curve# 10 N60°48'00.8"W ℄ CONSTRUCTION CHEATHAM HILL ROAD N46°59'53.0"W Curve# 11 Curve# 12 N18°15'58.0"W Curve# 13

STA 48+21.00
STA 48+82.00
STA 49+47.00
OM3-R (12 x 36)

STA 49+62.00
W1-4R (18 x 18)
W13-1P (12 x 12)
W16-8P (12 x 9)
L= 265 (APPROXIMATE)
L= 264 (APPROXIMATE)



MATCH LINE STA. 47+50
DRAWING No. 26-0008

5" SKIP YELLOW PREFORMED PLASTIC STRIPING 3' SEGMENTS WITH 9' GAP

5" SOLID WHITE THERMOPLASTIC STRIPING

WETLAND 3

WETLAND 3

REQ'D R/W

REQ'D R/W

EXIST. R/W

DRAWING No. 26-0010

MATCH LINE STA. 51+50

STA 50+05.00
STA 50+84.00
STA 51+35.00
OM3-R (12 x 36)

NOTE:
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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

SIGNING AND MARKING PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0009

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

Curve# 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

PI Sta= 53+26.41
N= 1426420.7589
E= 2164722.1755
DELTA= 1°21'02.1" (RT)

NOTE:
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L.L.L. 265 (APPROXIMATE)
L.L.L. 254 (APPROXIMATE)
ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
PERENNIAL STREAM 4 WARD CREEK
20' SANITARY SEWER ESM'T
20' SANITARY SEWER ESM'T
GATE
EXIST. R/W
L.L.L. 264 (APPROXIMATE)
L.L.L. 254 (APPROXIMATE)
L.L.L. 255 (APPROXIMATE)
Curve# 13
N1°07'42.5"W
N0°13'19.6"E
℄ CONSTRUCTION CHEATHAM HILL ROAD
NO ACCESS BUFFER & LANDSCAPE ESM'T
MATCH LINE STA. 51+50
DRAWING No. 26-0009
DRAWING No. 26-0011
MATCH LINE STA. 56+50
52+00
53+00
54+00
55+00
56+00

10 M.P.H. Trail
STA 52+79.00
W1-4L (18 x 18)
W13-1P (12 x 12)
W16-8P (12 x 9)

REMOVE AND RESET ADOPT-A-STREAM WARD CREEK SIGN STA 52+23.00
STA 52+05.00
OM3-R (12 x 36)

5" SKIP YELLOW PREFORMED PLASTIC STRIPING 3' SEGMENTS WITH 9' GAP
5" SOLID WHITE THERMOPLASTIC STRIPING

WETLAND 3

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0010
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

DRAWING No. 26-0010

MATCH LINE STA. 56+50

57+00 58+00 59+00 60+00 61+00 62+00

MATCH LINE STA. 62+00

DRAWING No. 26-0012

N

PI Sta= 60+97.14
N= 1427191.4877
E= 2164725.1633
DELTA= 0°30'22.2" (LT)

EXIST. R/W

L.L.L. 254 (APPROXIMATE)

L.L.L. 255 (APPROXIMATE)

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°17'02.6"W

N0°13'19.6"E

REQ'D R/W

REMOVE AND RESET HISTORICAL SIGN STA 57+07.00

5' SKIP YELLOW PERFORMED PLASTIC STRIPING 3' SEGMENTS WITH 9' GAP

STA 58+00.00
W2-2R (30 x 30)
W16-8P (30 x 9)
Ward Creek Dr

END 5' SOLID WHITE THERMOPLASTIC STRIPING TIE TO EXISTING STA 58+94.95

Cheatham Hill Rd
Ward Creek Dr
NO OUTLET
STA 60+38.00
(2) D3-1 (48X9)
(2) D3-1 (40X9)
(2) W14-2a (36X8)

8' SOLID WHITE THERMOPLASTIC CROSSWALK (10' WIDE)

WARD CREEK DRIVE

24' SOLID WHITE THERMOPLASTIC STOP BAR (TYP.)

BEGIN 5' SOLID WHITE THERMOPLASTIC STRIPING STA 60+77.60

STA 60+86.00
R1-1 (30 x 30)
STOP

NOTE:
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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 26-0011

7/31/2015 GPLN

NOTE:
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PI Sta= 64+61.93
N= 1427556.2710
E= 2164723.3548
DELTA= 0°25'58.8" (RT)

L.L.L. 254 (APPROXIMATE)
L.L.L. 191 (APPROXIMATE)

N

MATCH LINE STA. 62+00

DRAWING No. 26-0011

62+00 63+00 64+00 65+00 66+00 67+00

BEGIN 5" SOLID DOUBLE YELLOW THERMOPLASTIC TRAFFIC STRIPING WITH 2 TP 1 RPM'S AT 40' O.C. PER GDOT DETAIL T-15A TIE TO EXISTING STA 62+15.00

REMOVE AND RESET ADOPT-A-MILE SIGN STA 64+91.00

EXIST. R/W

N0°08'56.1"E
N0°17'02.6"W
℄ CONSTRUCTION CHEATHAM HILL ROAD

L.L.L. 255 (APPROXIMATE)
L.L.L. 254 (APPROXIMATE)
L.L.L. 191 (APPROXIMATE)
L.L.L. 190 (APPROXIMATE)

EXIST. R/W
10' NO ACCESS BUFFER & LANDSCAPE ESM'T
20' DRAINAGE ESM'T

5" SOLID WHITE THERMOPLASTIC STRIPING

STA 62+82.00
R2-1 (24 x 30)
SPEED LIMIT 45

5" SKIP YELLOW PERFORMED PLASTIC STRIPING 3' SEGMENTS WITH 9' GAP

L.L.L. 255 (APPROXIMATE)
L.L.L. 190 (APPROXIMATE)

MATCH LINE STA. 67+50

DRAWING No. 26-0013

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS.....BLA
REQUIRED R/W LINE	END LIMIT OF ACCESS.....ELA
CONSTRUCTION LIMITS	LIMIT OF ACCESS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	REQ'D R/W & LIMIT OF ACCESS
EASEMENT FOR CONSTR OF SLOPES	ORANGE BARRIER FENCE
EASEMENT FOR CONSTR OF DRIVES	ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0012

7/31/2015 GPLN

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

NOTE:
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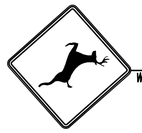
-POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.



STA 69+10.00
W11-3 (30 x 30)

MATCH LINE STA. 67+50

DRAWING No. 26-0012

68+00 69+00 70+00 71+00 72+00 73+00

5" SKIP YELLOW PREFORMED PLASTIC STRIPING 3' SEGMENTS WITH 9' GAP

5" SOLD DOUBLE YELLOW THERMOPLASTIC TRAFFIC STRIPING WITH 2 TP 1 RPM'S AT 40' O.C. PER GDOT DETAIL T-15A

EXIST. R/W

N0°08'56.1"E

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°03'56.6"W

L.L.L. 191 (APPROXIMATE)

L.L.L. 190 (APPROXIMATE)

EXIST. R/W

REQ'D R/W

EXIST. R/W

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

20' DRAINAGE ESM'T

5" SOLID WHITE THERMOPLASTIC STRIPING

DRAINAGE ESM'T

DRAINAGE ESM'T

MATCH LINE STA. 73+00

DRAWING No. 26-0014

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

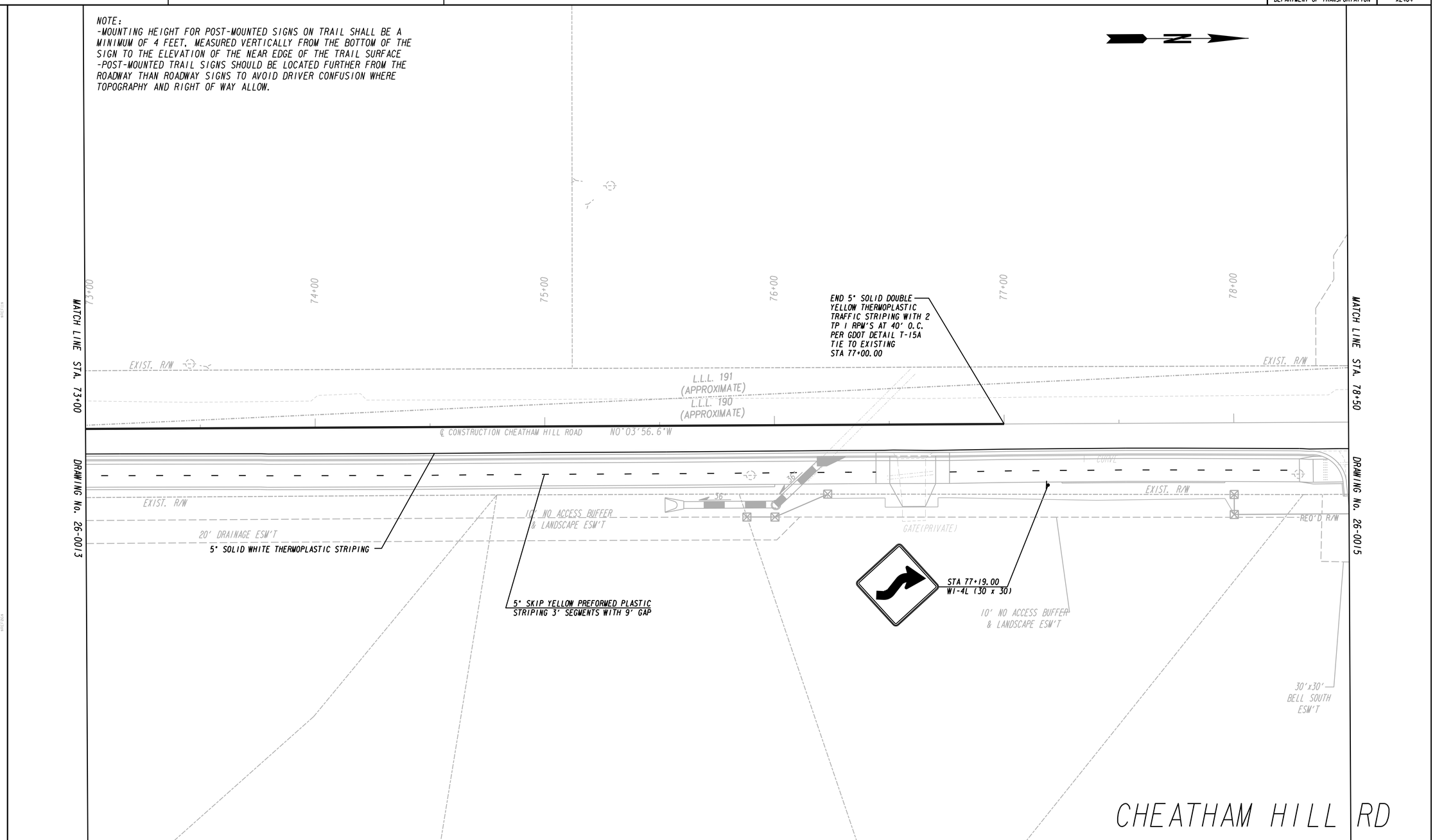
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0013

7/31/2015 GPLN

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
-POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0014

7/31/2015 GPLN

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404

Curve* 14
PI Sta= 80+91.82
N= 1429186.1616
E= 2164724.2966
DELTA= 18°21'30.8" (LT)
D= 7°38'21.97"
T= 121.20
L= 240.31
R= 750.00
E= 9.73

Curve* 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

35' INGRESS/EGRESS AND UTILITY EASEMENT

L.L.L. 191 (APPROXIMATE)
L.L.L. 180 (APPROXIMATE)

79+00
80+00
81+00
82+00
83+00

MATCH LINE STA. 78+50
DRAWING No. 26-0014

REMOVE AND RESET NATIONAL PARK MONUMENT SIGN STA 78+82.00

EXIST. R/W

L.L.L. 180 (APPROXIMATE)
L.L.L. 181 (APPROXIMATE)

℄ CONSTRUCTION CHEATHAM HILL ROAD N0°03'56.6"W

Curve* 14

N18°25'27.4"W

Curve* 15

MATCH LINE STA. 29+00
DRAWING No. 26-0016

EXIST. R/W
REQ'D R/W
NATIONAL PARK MONUMENT

5" SOLID WHITE THERMOPLASTIC STRIPING

5" SKIP YELLOW PREFORMED PLASTIC STRIPING 3' SEGMENTS WITH 9' GAP

30'x30' BELL SOUTH ESM'T

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

NOTE:
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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
26-0015

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

Curve* 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

PI Sta= 85+71.90
N= 1429613.7869
E= 2164510.0754
DELTA= 2°11'22.1" (LT)

DRAWING No. 26-0015

MATCH LINE STA. 29+00

MATCH LINE STA. 88+00

DRAWING No. 26-0017

83+00 84+00 85+00 86+00 87+00 88+00

EXIST. R/W

CAVAN DRIVE

Curve* 15

N36°37'35.0"W

℄ CONSTRUCTION CHEATHAM HILL ROAD N38°48'57.1"W

24"

REQ'D R/W

5' SOLID WHITE THERMOPLASTIC STRIPING

5' SKIP YELLOW PREFORMED PLASTIC STRIPING
3' SEGMENTS WITH 9' GAP

L.L.L. 180 (APPROXIMATE)
L.L.L. 181 (APPROXIMATE)

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
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ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

SIGNING AND MARKING PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

		DATE:	
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VERIFIED:		DATE:	

DRAWING No. 26-0016

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X240-4

Curve# 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

MATCH LINE STA. 88+00

DRAWING No. 26-0018

88+00
89+00
90+00
91+00
92+00
93+00

EXIST. R/W

℄ CONSTRUCTION CHEATHAM HILL ROAD N38°48'57.1"W

Curve# 16

24'
18'
REQ'D R/W
EXIST. R/W

5" SKIP YELLOW PREFORMED PLASTIC STRIPING
3' SEGMENTS WITH 9' GAP

STA 90+44.00
W11-3 (30 x 30)

5" SOLID WHITE THERMOPLASTIC STRIPING

DRAWING No. 26-0016

MATCH LINE STA. 93+00

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

SIGNING AND MARKING PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0017
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

Curve# 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

Curve# 17
PI Sta= 98+69.64
N= 1430722.4602
E= 2163856.7257
DELTA= 4°03'59.3" (RT)
D= 1°38'13.28"
T= 124.26
L= 248.41
R= 3500.00
E= 2.20

PI Sta= 95+59.41
N= 1430434.9467
E= 2163973.2436
DELTA= 0°42'17.9" (RT)

L.L.L. 100 (APPROX.WIDTH)
L.L.L. 117' (APPROX.WIDTH)

Curve# 35
PI Sta= 485+97.43
N= 1430544.17
E= 2163945.48
DELTA= 12°23'40.8" (RT)
D= 95°29'34.68"
T= 6.52
L= 12.98
R= 60.00
E= 0.35

Curve# 36
PI Sta= 486+38.97
N= 1430585.13
E= 2163938.24
DELTA= 9°33'57.1" (RT)
D=143°14'22.02"
T= 3.35
L= 6.68
R= 40.00
E= 0.14

Curve# 37
PI Sta= 486+65.53
N= 1430611.70
E= 2163938.02
DELTA= 20°38'33.8" (LT)
D= 76°23'39.74"
T= 13.66
L= 27.02
R= 75.00
E= 1.23

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EXISTING:
AGL R/W UNK WIDTH
THROUGH NATIONAL PARK

REMOVE 8" SOLID WHITE THERMOPLASTIC PEDESTRIAN CROSSWALK

BEGIN TRAIL ALIGNMENT
STA 485+90.91 =
STA 96+64.56 CHEATHAM HILL RD
15.33' RT
N 1430538.1521
E 2163947.9628

REMOVE PEDESTRIAN CROSSWALK SIGN & BEACON

MATCH LINE STA. 98+50

DRAWING No. 26-0019

93+00 94+00 95+00 96+00 97+00 98+00 486+00 487+00

EXIST. R/W
COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
NATIONAL PARK
Curve# 17
N22°03'38.8"W
℄ CONSTRUCTION CHEATHAM HILL ROAD
N22°45'56.8"W
N22°25'21.4"W
N 10°01'40.5"W
Curve# 16
Curve# 35
℄ KENNESAW MOUNTAIN TRAIL
N 21°06'17.2"W
REQ'D R/W

MATCH LINE STA. 93+00

DRAWING No. 26-0017

5' SKIP YELLOW PREFORMED PLASTIC STRIPING
3' SEGMENTS WITH 9' GAP

REMOVE AND RESET
HIKING TRAIL
HORSE TRAIL
PETS ON LEASH
NO BIKES SIGN
STA 97+08.00

END 5" SOLID WHITE THERMOPLASTIC STRIPING
TIE TO EXISTING
STA 97+45.39

SPECIAL USE PERMIT AREA
ESA - RESOURCE 9

REMOVE
PEDESTRIAN CROSSWALK
SIGN & BEACON

Curve# 37
Curve# 36
N 0°27'43.4" W

REMOVE AND RESET
KENNESAW MTN NATL PARK SIGN
STA 94+69.00
(SEE SHT 38-0002 FOOTING DETAIL)

REMOVE NO PARKING
TOW AWAY ZONE SIGN

HORSE/PEDESTRIAN
CROSSWALK AHEAD SIGN
STA 93+56.00

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

NOTE:
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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 26-0018

7/31/2015 GPLN

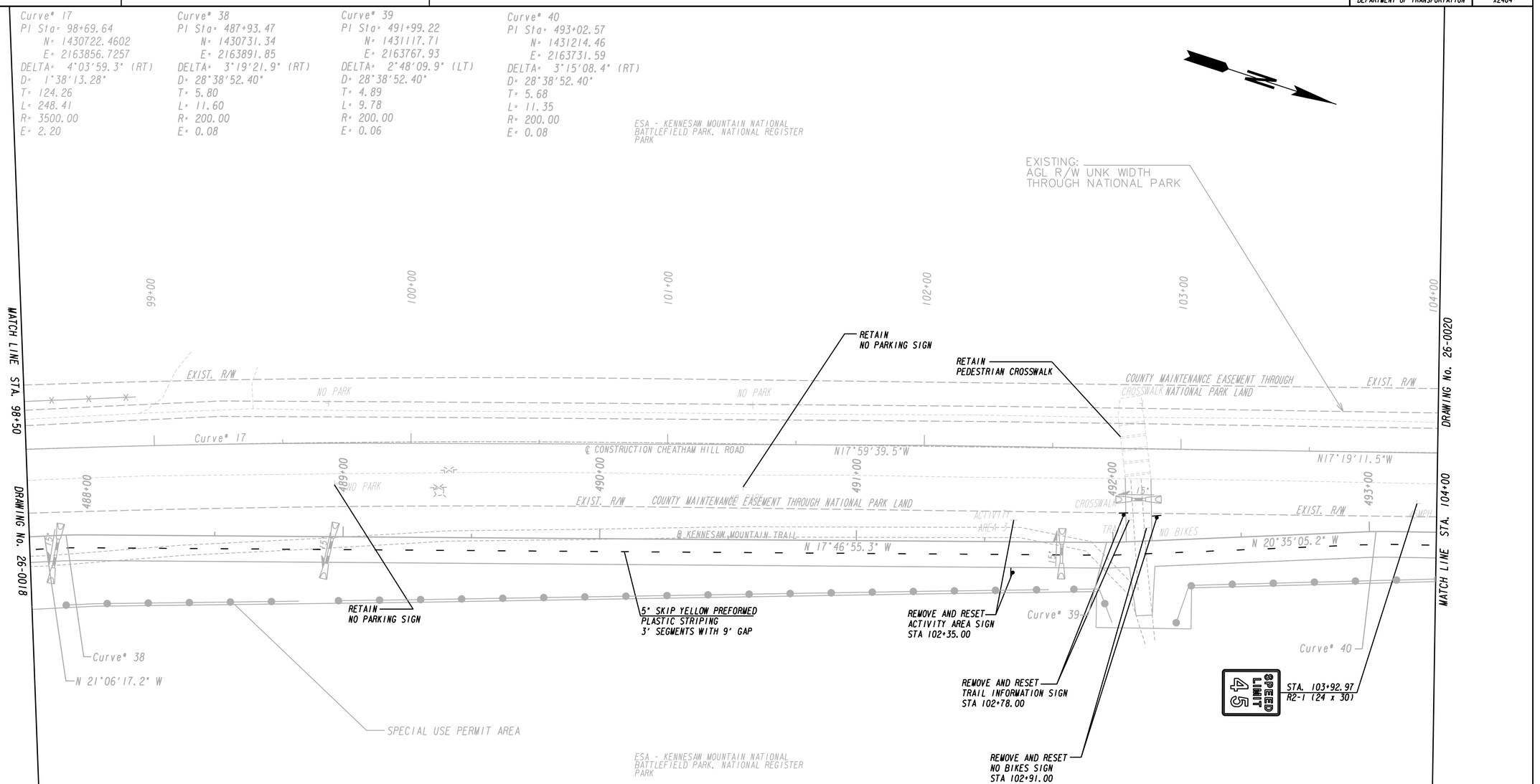
Curve# 17
PI Sta= 98+69.64
N= 1430722.4602
E= 2163856.7257
DELTA= 4°03'59.3" (RT)
D= 1°38'13.28"
T= 124.26
L= 248.41
R= 3500.00
E= 2.20

Curve# 38
PI Sta= 487+93.47
N= 1430731.34
E= 2163891.85
DELTA= 3°19'21.9" (RT)
D= 28°38'52.40"
T= 5.80
L= 11.60
R= 200.00
E= 0.08

Curve# 39
PI Sta= 491+99.22
N= 1431117.71
E= 2163767.93
DELTA= 2°48'09.9" (LT)
D= 28°38'52.40"
T= 4.89
L= 9.78
R= 200.00
E= 0.06

Curve# 40
PI Sta= 493+02.57
N= 1431214.46
E= 2163731.59
DELTA= 3°15'08.4" (RT)
D= 28°38'52.40"
T= 5.68
L= 11.35
R= 200.00
E= 0.08

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK



NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 26-0019

7/31/2015 GPLN

PI Sta= 495+83.83
N= 1431483.4289
E= 2163653.3428
DELTA= 15°59'30.3" (LT)
D=114°35'29.61"
T= 7.02
L= 13.96
R= 50.00
E= 0.49

Curve# 18
PI Sta= 108+91.87
N= 1431698.4549
E= 2163552.5730
DELTA= 6°00'12.2" (LT)
D= 2°05'00.54"
T= 144.20
L= 288.14
R= 2750.00
E= 3.78

PI Sta= 104+75.03
N= 1431299.3259
E= 2163672.7806
DELTA= 0°53'26.5" (RT)

PI Sta= 493+99.01
N= 1431306.52
E= 2163702.86
DELTA= 1°04'03.9" (LT)

Curve# 41
PI Sta= 494+42.68
N= 1431347.96
E= 2163689.08
DELTA= 3°48'16.4" (RT)
D= 28°38'52.40"
T= 6.64
L= 13.28
R= 200.00
E= 0.11

L.L.L. 118 (APPROXIMATE)
L.L.L. 117 (APPROXIMATE)

Curve# 42
PI Sta= 495+81.16
N= 1431481.98
E= 2163654.18
DELTA= 15°20'34.3" (LT)
D=114°35'29.61"
T= 6.73
L= 13.39
R= 50.00
E= 0.45

Curve# 43
PI Sta= 496+64.49
N= 1431554.26
E= 2163612.55
DELTA= 13°08'10.4" (RT)
D=114°35'29.61"
T= 5.76
L= 11.46
R= 50.00
E= 0.33

PI Sta= 106+32.50
N= 1431450.3622
E= 2163628.2446
DELTA= 0°31'59.7" (LT)

END TRAIL ALIGNMENT
STA 496+70.42 *
STA 107+41.45 CHEATHAM HILL RD
15.38' RT
N 1431559.0652
E 2163611.1607

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

L.L.L. 118 (APPROXIMATE)
L.L.L. 105 (APPROXIMATE)

EXISTING: AGL R/W UNK WIDTH THROUGH NATIONAL PARK

MATCH LINE STA. 104+00 DRAWING No. 26-0019

MATCH LINE STA. 109+50 DRAWING No. 26-0021

104+00 105+00 106+00 107+00 108+00 109+00

RETAIN RECREATION SIGN

REMOVE NO PARK TOW AWAY SIGN

REMOVE NO PARKING TOW AWAY ZONE SIGN

EXIST. R/W

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

N17°19'11.5"W

℄ CONSTRUCTION CHEATHAM HILL ROAD N16°25'45.0"W

N16°57'44.7"W

Curve# 18

RECREATION

494+00 495+00 496+00

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

EXIST. R/W

N 17°19'56.7" W N 18°24'00.6" W

℄ KENNESAW MOUNTAIN TRAIL

N 14°35'44.2" W N 29°56'18.5" W

N 16°48'08.1" W

NO PARK

EXIST. R/W

18'

Curve# 41

Curve# 42

5' SKIP YELLOW PREFORMED PLASTIC STRIPING
3' SEGMENTS WITH 9' GAP

BEGIN 5' SOLID WHITE THERMOPLASTIC STRIPING
TIE TO EXISTING
STA 107+50.00

SPECIAL USE PERMIT AREA

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
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ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

L.L.L. 117 (APPROXIMATE)
L.L.L. 106 (APPROXIMATE)

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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DRAWING No. 26-0020

7/31/2015 GPLN

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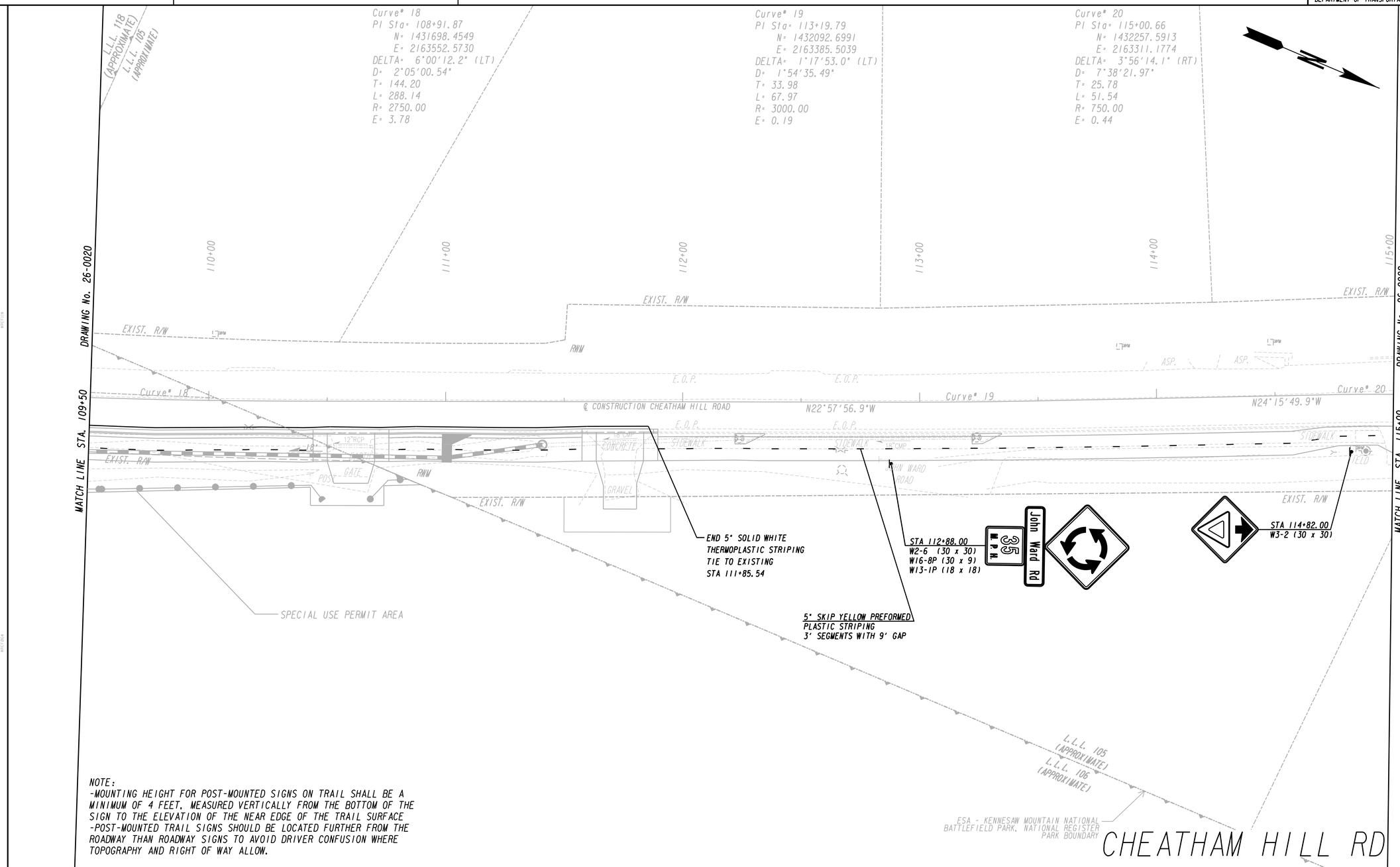
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P. I. No.
X2404



NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
-POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
26-0021

7/31/2015 GPLN

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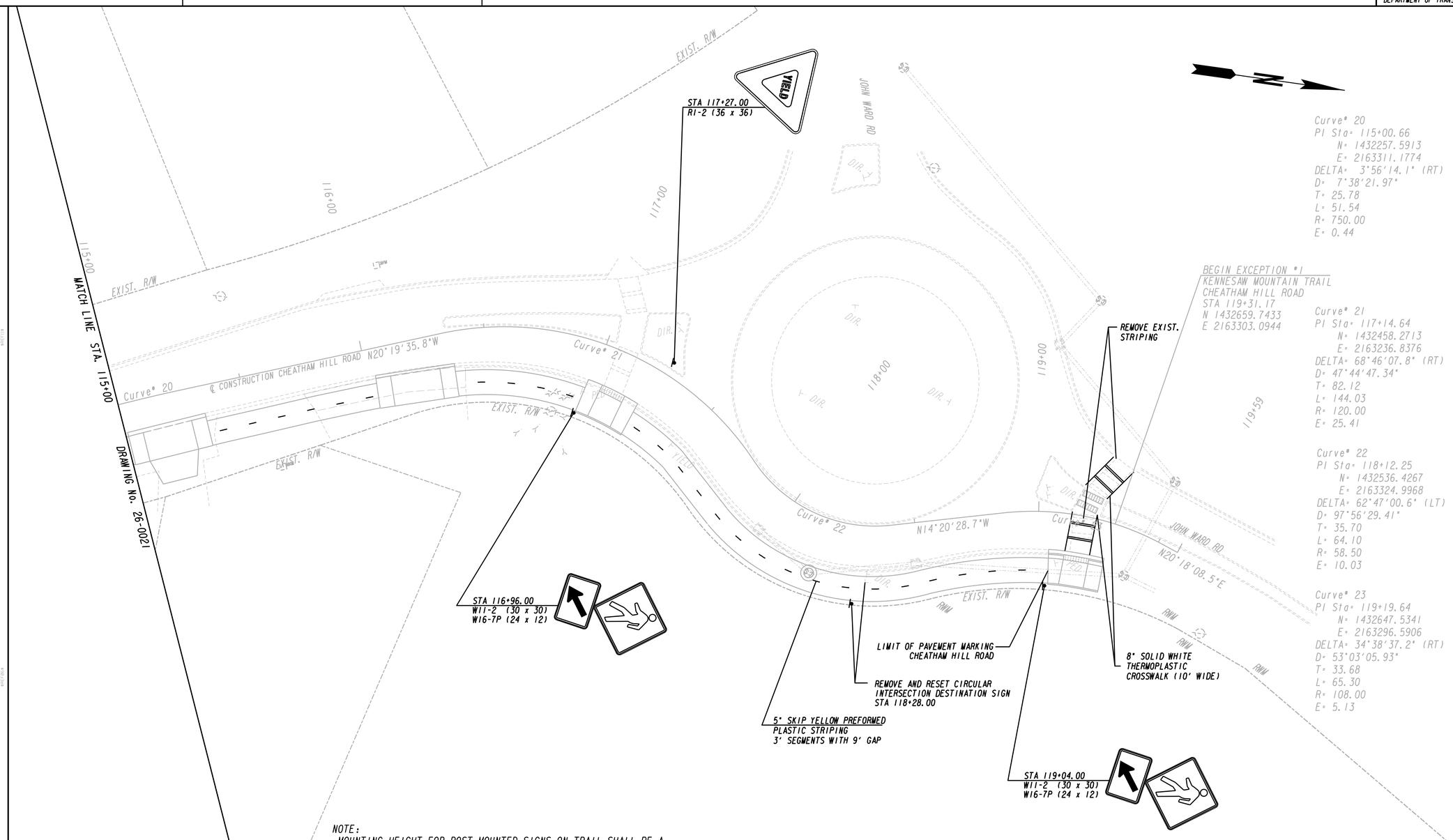

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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

SIGNING AND MARKING PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	26-0022
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN

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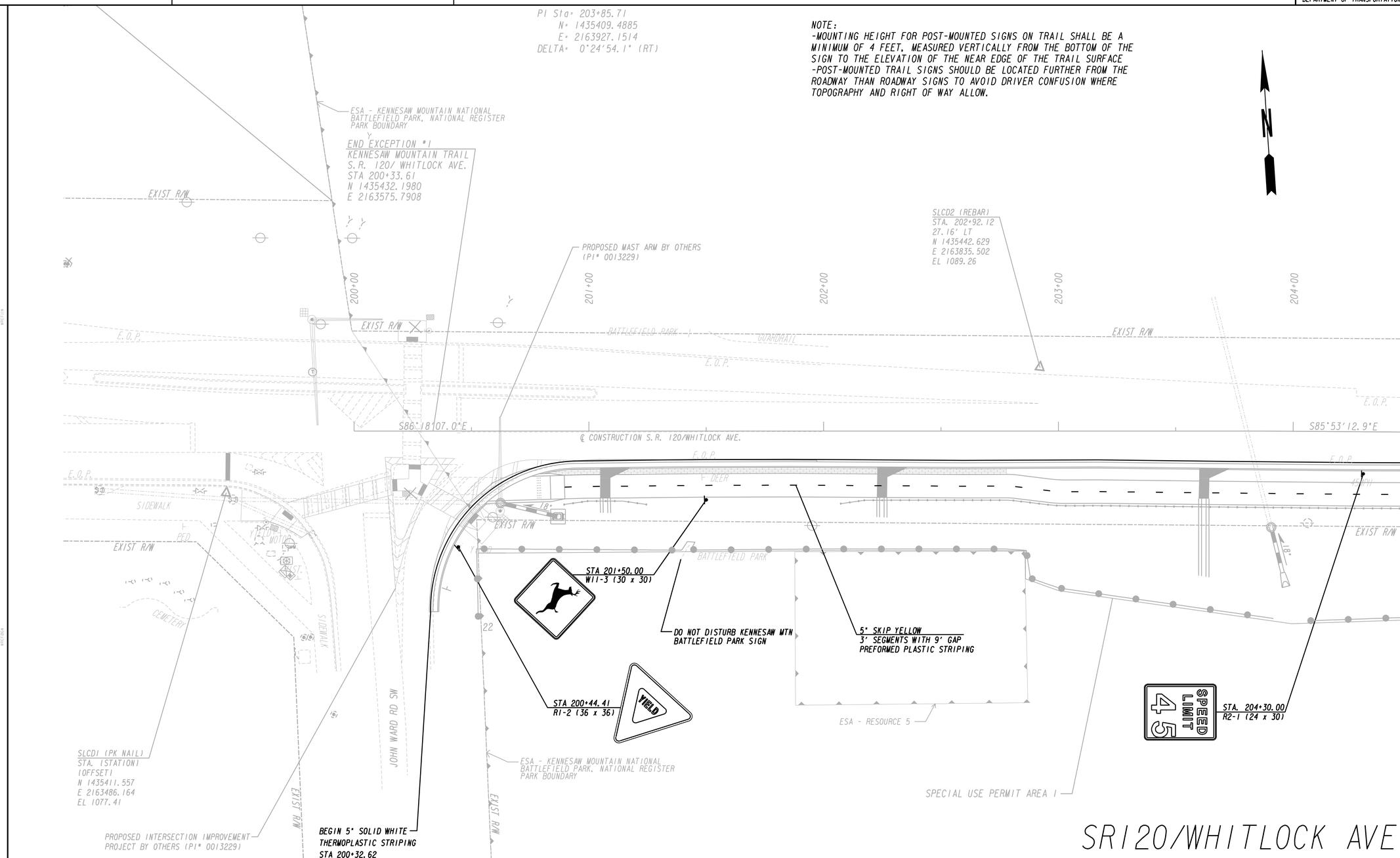
USER: jlemmings

COBB COUNTY DEPARTMENT OF TRANSPORTATION

P.I. No. X2404



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DRAWING No. 26-0024

MATCH LINE STA. 204+50

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

SIGNING AND MARKING PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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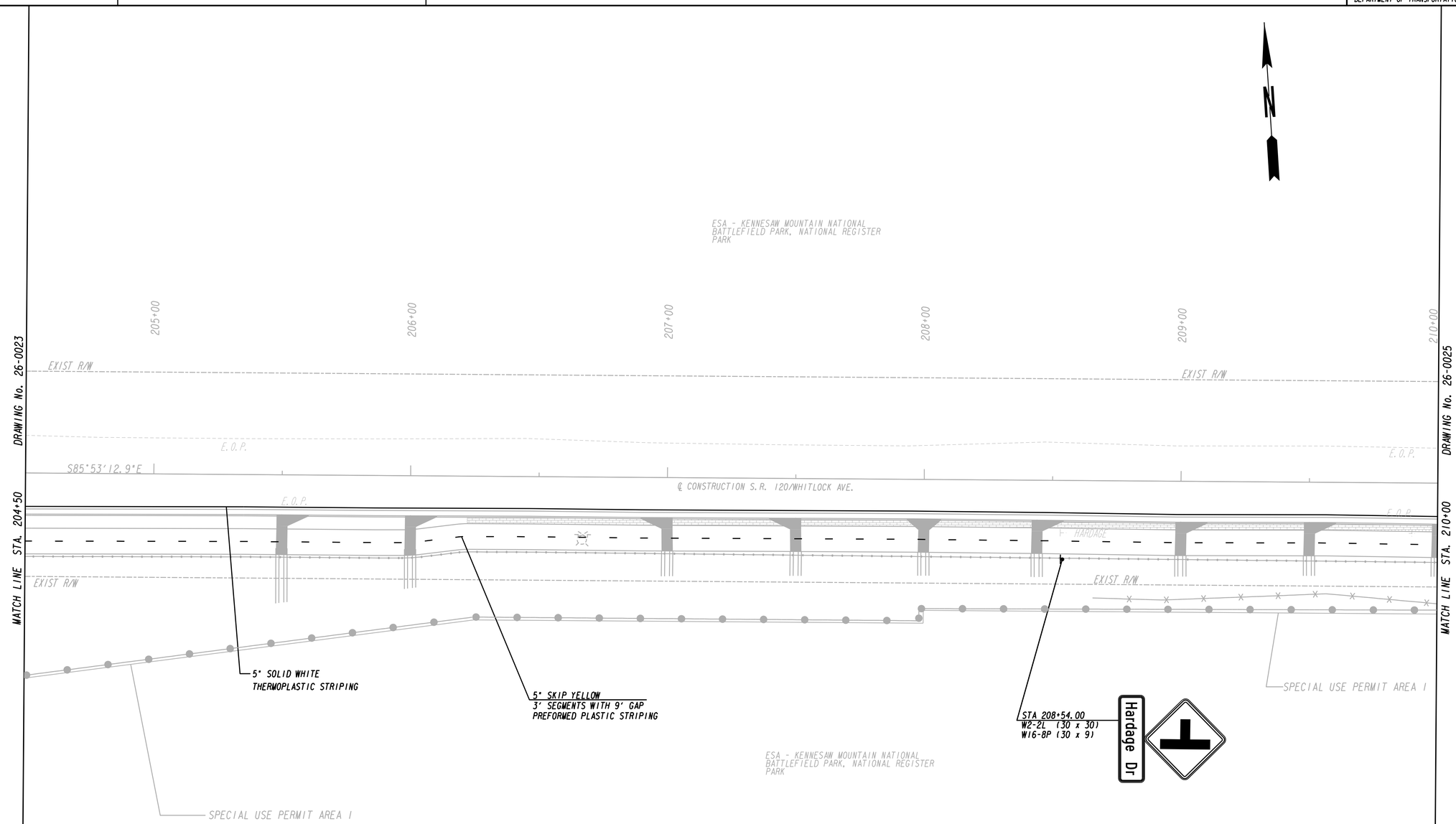
VERIFIED:		DATE:	

DRAWING No. 26-0023

7/31/2015 GPLN



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SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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VERIFIED:		DATE:	

DRAWING No. 26-0024

7/31/2015 GPLN

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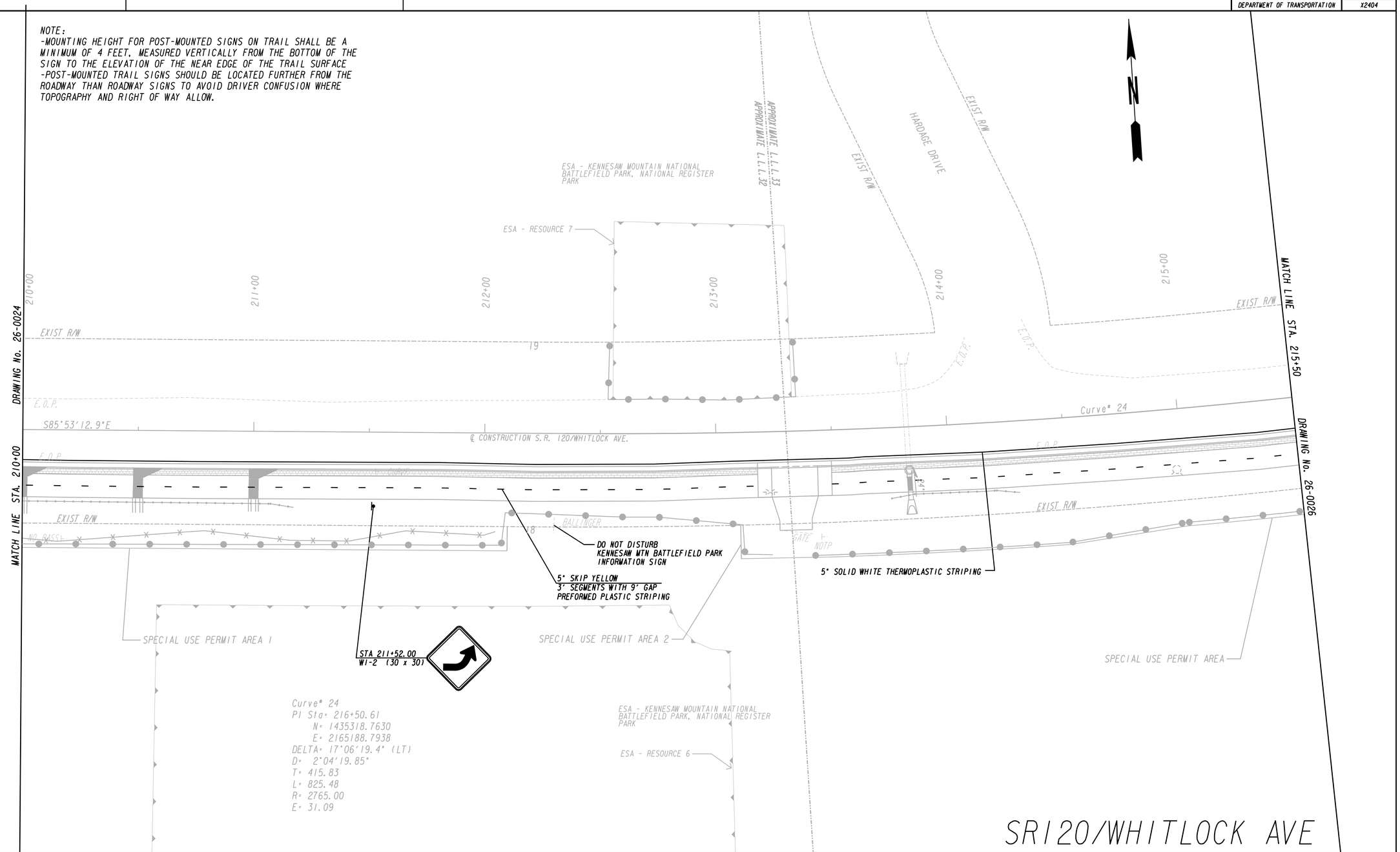

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 26-0025

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

P.I. No. X2404

N

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

216+00 217+00 218+00 219+00 220+00 221+00 222+00

MATCH LINE STA. 215+50

DRAWING No. 26-0025

EXIST R/W

E.O.P.

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

Curve° 24

EXIST R/W

20

E.O.P.

E.O.P.

N77°00'27.8"E

E.O.P.

E.O.P.

45MPH

CHEATHAM HILL

EXIST R/W

MATCH LINE STA. 221+00

DRAWING No. 26-0027

5" SKIP YELLOW
3' SEGMENTS WITH 9' GAP
PREFORMED PLASTIC STRIPING

5" SOLID WHITE THERMOPLASTIC STRIPING

STA 219+23.00
R2-1 (24 X 30)

SPEED LIMIT 45

STA 220+10.00
W2-8R (30 x 30)
W16-8P (48 x 24)

Cheatham Hill Dr
Dallas Cir

TT

SPECIAL USE PERMIT AREA

Curve° 24
PI Sta= 216+50.61
N= 1435318.7630
E= 2165188.7938
DELTA= 17°06'19.4" (LT)
D= 2°04'19.85"
T= 415.83
L= 825.48
R= 2765.00
E= 31.09

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

NOTE:
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SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

SIGNING AND MARKING PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0026

7/31/2015 GPLN

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NOTE:
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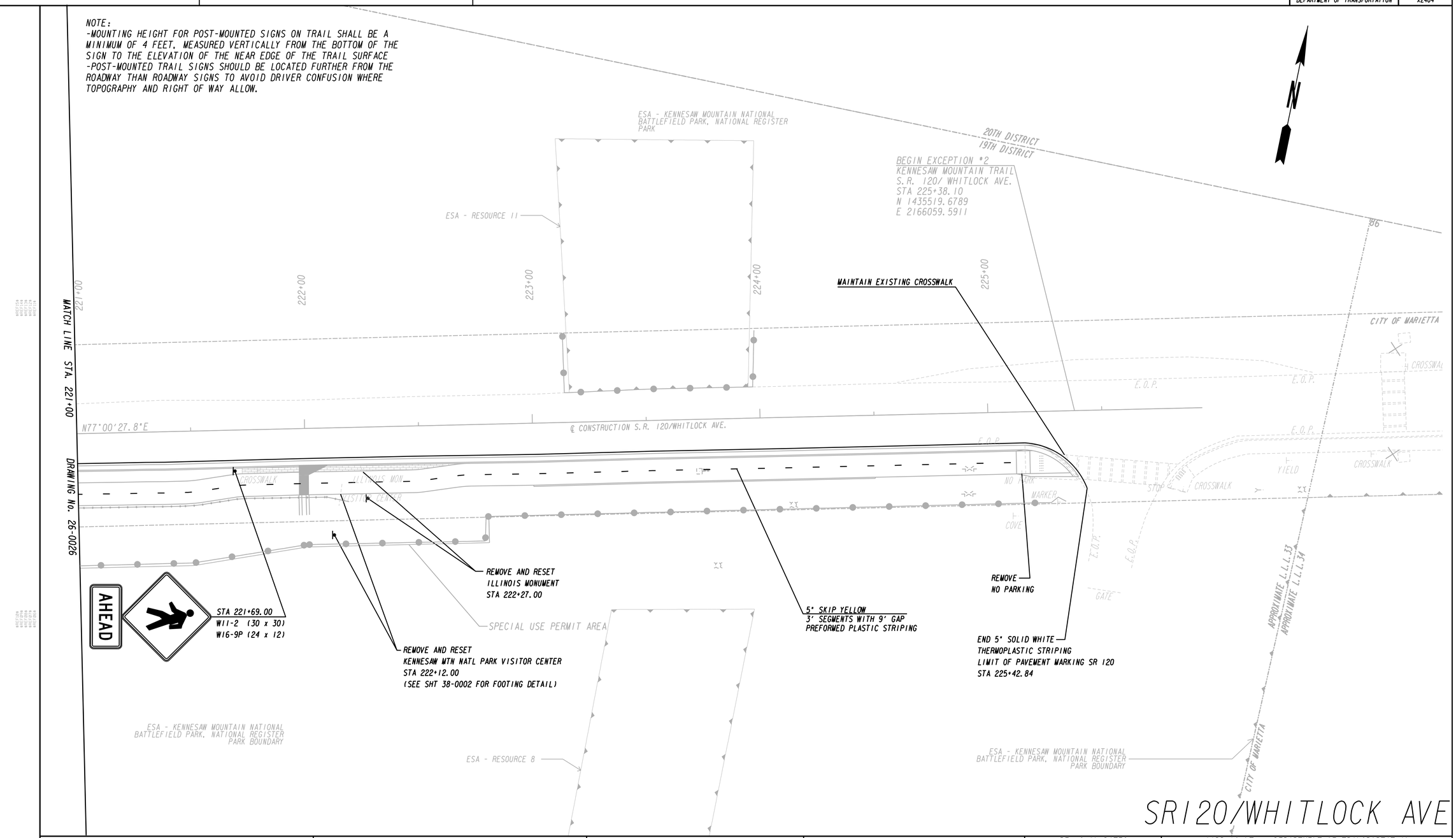


SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0027

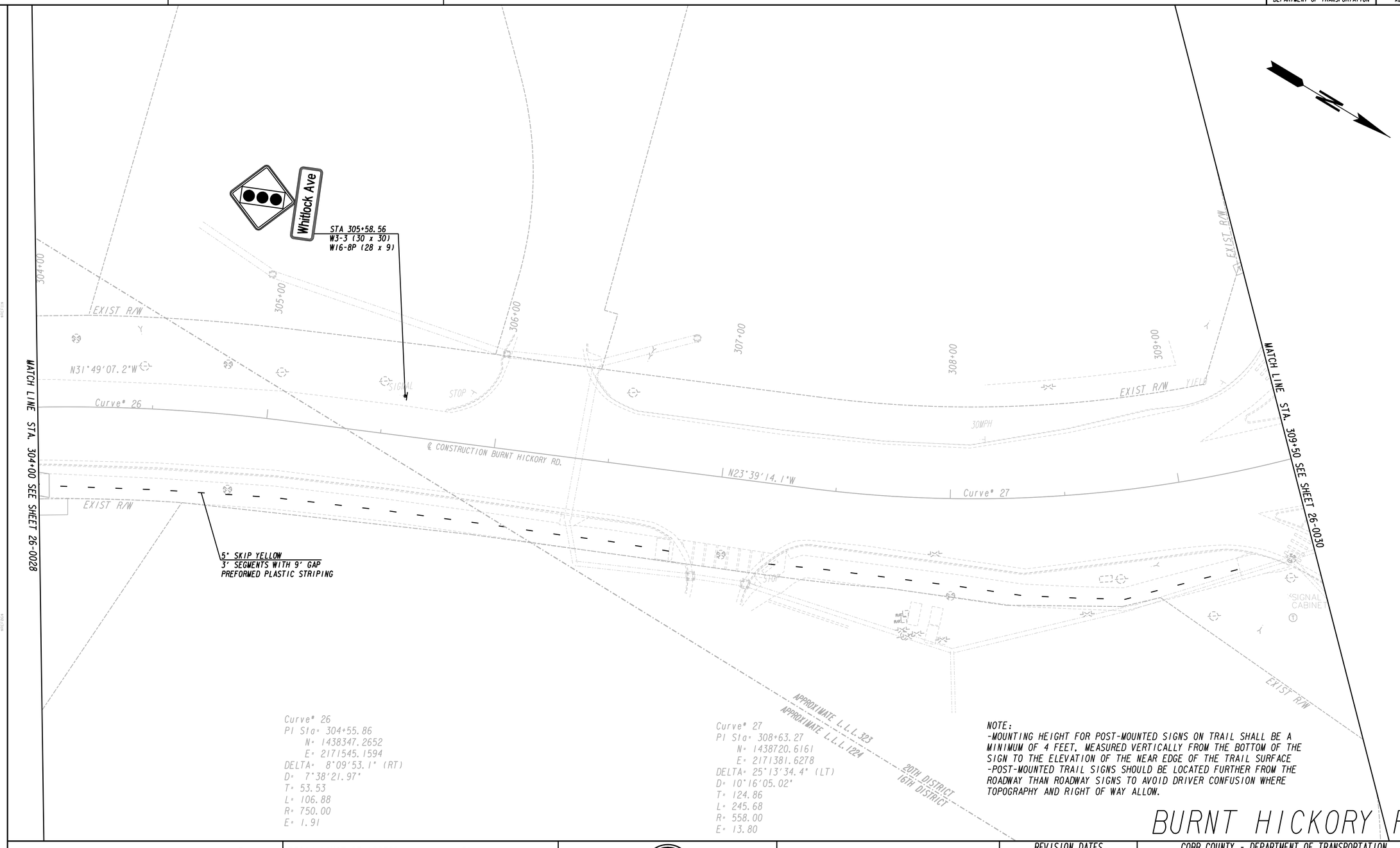
7/31/2015 GPLN

Curve* 25
PI Sta= 300+43.75
N= 1437994.6673
E= 2171763.9385
DELTA= 29°14'43.5" (LT)
D= 22°55'05.92"
T= 65.23
L= 127.61
R= 250.00
E= 8.37

END EXCEPTION *2
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 300+12.23
N 1437962.9784
E 2171763.0912

EXIST R/W
EXIST R/W
EXIST R/W

8/6/2020 4:59:54 PM	$PRF8$	J:\2017030\0015279\DGN\0015279_26-0029_(BH).dgn	COBB COUNTY DEPARTMENT OF TRANSPORTATION	Project No. X2404
USER:jkelly				



Curve# 26
PI Sta= 304+55.86
N= 1438347.2652
E= 2171545.1594
DELTA= 8°09'53.1" (RT)
D= 7°38'21.97"
T= 53.53
L= 106.88
R= 750.00
E= 1.91

Curve# 27
PI Sta= 308+63.27
N= 1438720.6161
E= 2171381.6278
DELTA= 25°13'34.4" (LT)
D= 10°16'05.02"
T= 124.86
L= 245.68
R= 558.00
E= 13.80

NOTE:
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BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0029
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

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USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

NOTE:
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MARIETTA POWER POLES SHALL BE RELOCATED ATLEAST 14' FROM WHITE LINE

BEGIN 5" SOLID WHITE THERMOPLASTIC STRIPING
TIE TO EXISTING
STA 310+23.91

5" SKIP YELLOW
3' SEGMENTS WITH 9' GAP
PREFORMED PLASTIC STRIPING

POLK STREET EXT

EXIST R/W

REQ'D R/W

18'

310+00

311+00

312+00

313+00

314+00

315+00

Curve# 27

MATCH LINE STA. 309+50 SEE SHEET 26-0029

MATCH LINE STA. 315+00 SEE SHEET 26-0031

℄ CONSTRUCTION BURNT HICKORY RD.

N48°52'48.5"W

N48°02'40.2"W

35MPH

CABLE

POLK STREET

Curve# 27
PI Sta= 308+63.27
N= 1438720.6161
E= 2171381.6278
DELTA= 25°13'34.4" (LT)
D= 10°16'05.02"
T= 124.86
L= 245.68
R= 558.00
E= 13.80

PI Sta= 313+92.35
N= 1439071.2215
E= 2170980.0023
DELTA= 0°50'08.3" (RT)

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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CHECKED:		DATE:	
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VERIFIED:		DATE:	

DRAWING No.
26-0030

7/31/2015 GPLN

Curve* 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

NOTE:
- COMCAST: EXISTING UG/OH - COAX/FIBER
- COMCAST TO TRANSFER/RELOCATE/REBUILD EXISTING AERIAL COAX/FOC PLANT TO NEW POLE LINE INCLUDING RISERS/UG ADJUSTMENTS AS REQUIRED
- ADJUST STORM SEWER MANHOLES, WATER VALVES, WATER METERS, AND GAS VALVES TO GRADE.

MARIETTA POWER POLES SHALL BE RELOCATED ATLEAST 14' FROM WHITE LINE

NOTE:
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APPROXIMATE L.L.L. 322
APPROXIMATE L.L.L. 323

STA 319+02.00
W3-3 (30 x 30)
W16-8P (24 x 9)
Polk St

END 5" SOLID WHITE
THERMOPLASTIC STRIPING
TIE TO EXISTING
STA 319+03.58

5" SKIP YELLOW
3' SEGMENTS WITH 9' GAP
PREFORMED PLASTIC STRIPING

MATCH LINE STA. 315+00 SEE SHEET 26-0030

315+00 316+00 317+00 318+00 319+00 320+00 321+00

EXIST R/W
18"
SIGNAL
N48°02'40.2"W
Curve* 28
℄ CONSTRUCTION BURNT HICKORY RD.
CURVE
CABLE
ENTER
NO OUTLET
MOUNTAIN BROOK CT
Mountain Brook Ct
NO OUTLET
Burnt Hickory
STOP
STA 319+98.16
(2) W14-2a (36 x 8)
(2) D3-1 (44 x 9)
(2) D3-1 (48 x 9)
R1-1 (30 x 30)

MATCH LINE STA. 321+00 SEE SHEET 26-0032

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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7/31/2015 GPLN

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USER:jkelly

MARIETTA POWER POLES SHALL BE RELOCATED ATLEAST 14' FROM WHITE LINE

STOP

STA 321+75.44
R1-1 (30 x 30)

24" SOLID WHITE STOP BAR THERMOPLASTIC STRIPING

BEGIN 5" SOLID WHITE THERMOPLASTIC STRIPING TIE TO EXISTING STA 322+16.24

END 5" SOLID WHITE THERMOPLASTIC STRIPING TIE TO EXISTING STA 322+67.61

STOP

STA 323+93.00
R1-1 (30 x 30)

5" SKIP YELLOW
3' SEGMENTS WITH 9' GAP
PREFORMED PLASTIC STRIPING

24" SOLID WHITE STOP BAR THERMOPLASTIC STRIPING

8" SOLID WHITE CROSSWALK (10' WIDE) THERMOPLASTIC STRIPING

BEGIN 5" SOLID WHITE THERMOPLASTIC STRIPING TIE TO EXISTING STA 324+24.29

Burnt Hickory
Devonwood Trl

STA 324+32.00
(2) D3-1 (42 x 9)
(2) D3-1 (48 x 9)

8" SOLID WHITE CROSSWALK (10' WIDE) THERMOPLASTIC STRIPING

WESTBOROUGH DR
TEMP EASM'T 3
WOOD POINT
DEVONWOOD TRAIL
EXIST R/W
CARRIAGE OAKS
321+00
322+00
323+00
324+00
325+00
326+00
STOP
Curve# 28
℄ CONSTRUCTION BURNT HICKORY RD.
N28°39'17.6"W
CITY OF MARIETTA
SHARE
ESA - ANDERSON PROPERTY

MATCH LINE STA. 321+00 SEE SHEET 26-0031

MATCH LINE STA. 326+00 SEE SHEET 26-0033

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
-POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.

Curve# 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

APPROXIMATE L.L.L.322
APPROXIMATE L.L.L.323

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

		DATE:	
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0032

7/31/2015 GPLN

8/6/2020 5:00:14 PM
USER:jkelly

$PRF8$

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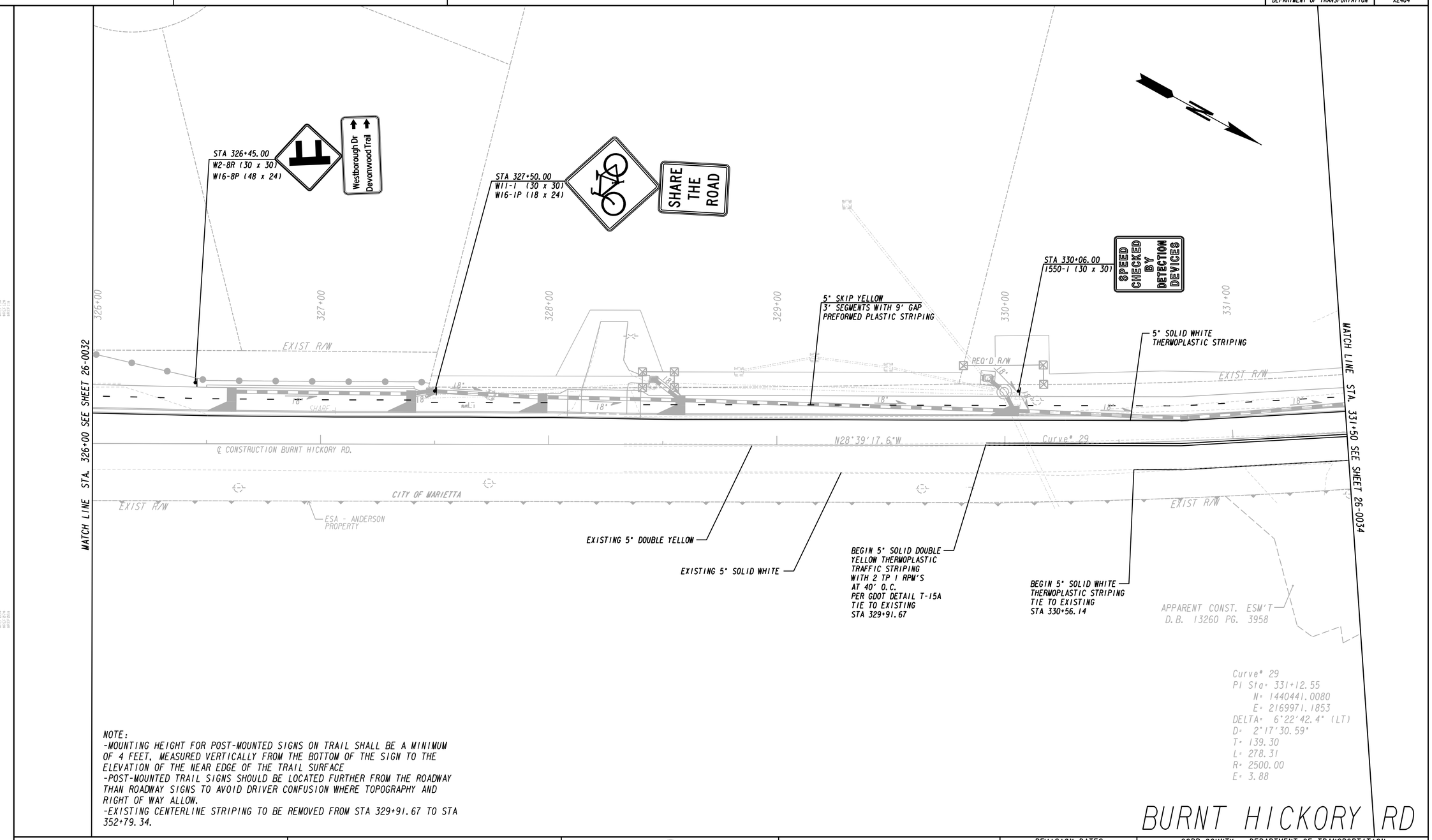
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Curve# 29
PI Sta= 331+12.55
N= 1440441.0080
E= 2169971.1853
DELTA= 6°22'42.4" (LT)
D= 2°17'30.59"
T= 139.30
L= 278.31
R= 2500.00
E= 3.88

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
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-EXISTING CENTERLINE STRIPING TO BE REMOVED FROM STA 329+91.67 TO STA 352+79.34.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

		DATE:
CHECKED:		
BACKCHECKED:		
CORRECTED:		
VERIFIED:		

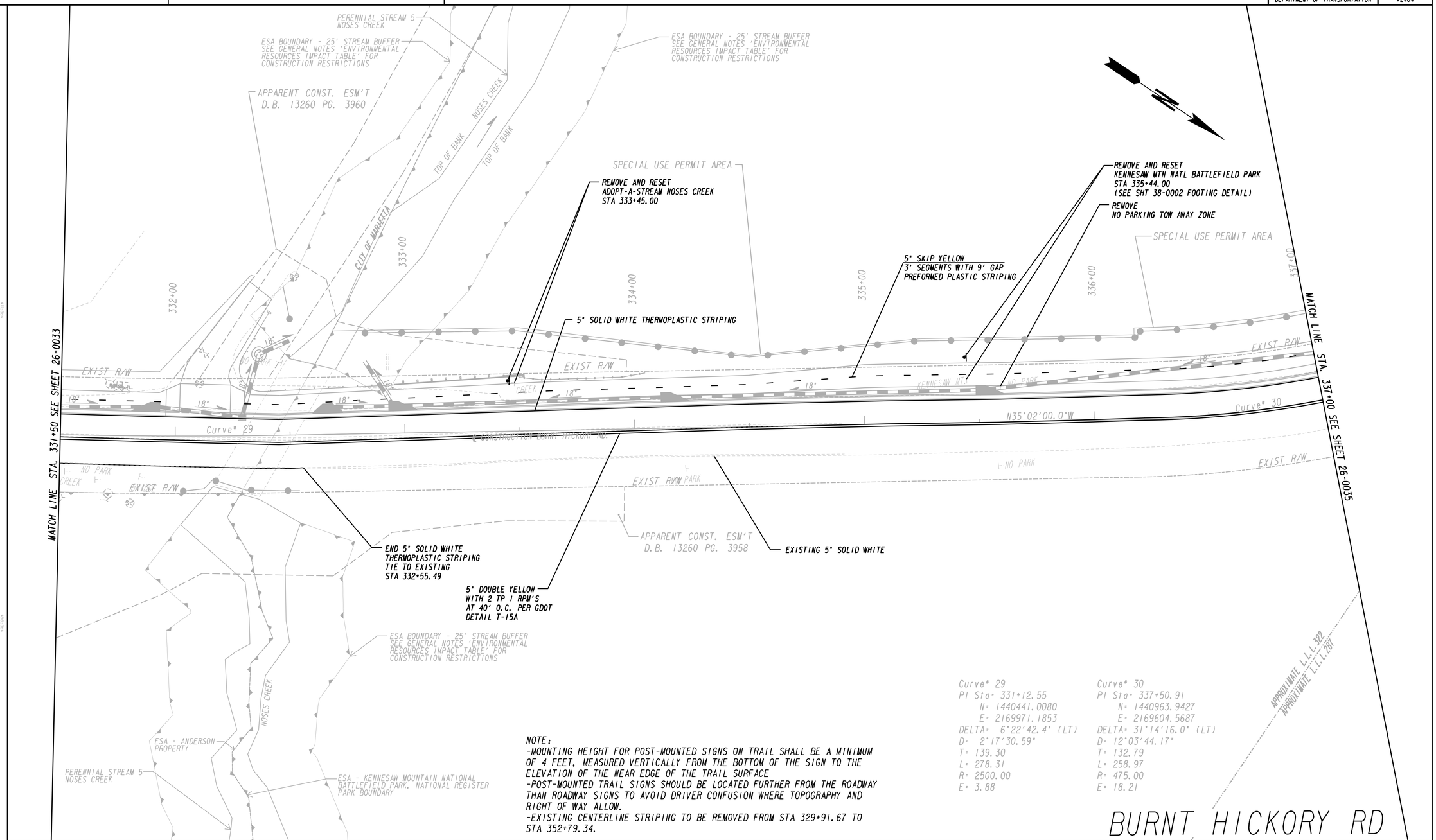
DRAWING No.
26-0033

7/31/2015 GPLN

8/6/2020 5:00:20 PM $PRF8$ J:\2017030\0015279\DGN\0015279_26-0034_(BH).dgn
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Curve# 29
PI Sta= 331+12.55
N= 1440441.0080
E= 2169971.1853
DELTA= 6°22'42.4" (LT)
D= 2°17'30.59"
T= 139.30
L= 278.31
R= 2500.00
E= 3.88

Curve# 30
PI Sta= 337+50.91
N= 1440963.9427
E= 2169604.5687
DELTA= 31°14'16.0" (LT)
D= 12°03'44.17"
T= 132.79
L= 258.97
R= 475.00
E= 18.21

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
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-EXISTING CENTERLINE STRIPING TO BE REMOVED FROM STA 329+91.67 TO STA 352+79.34.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

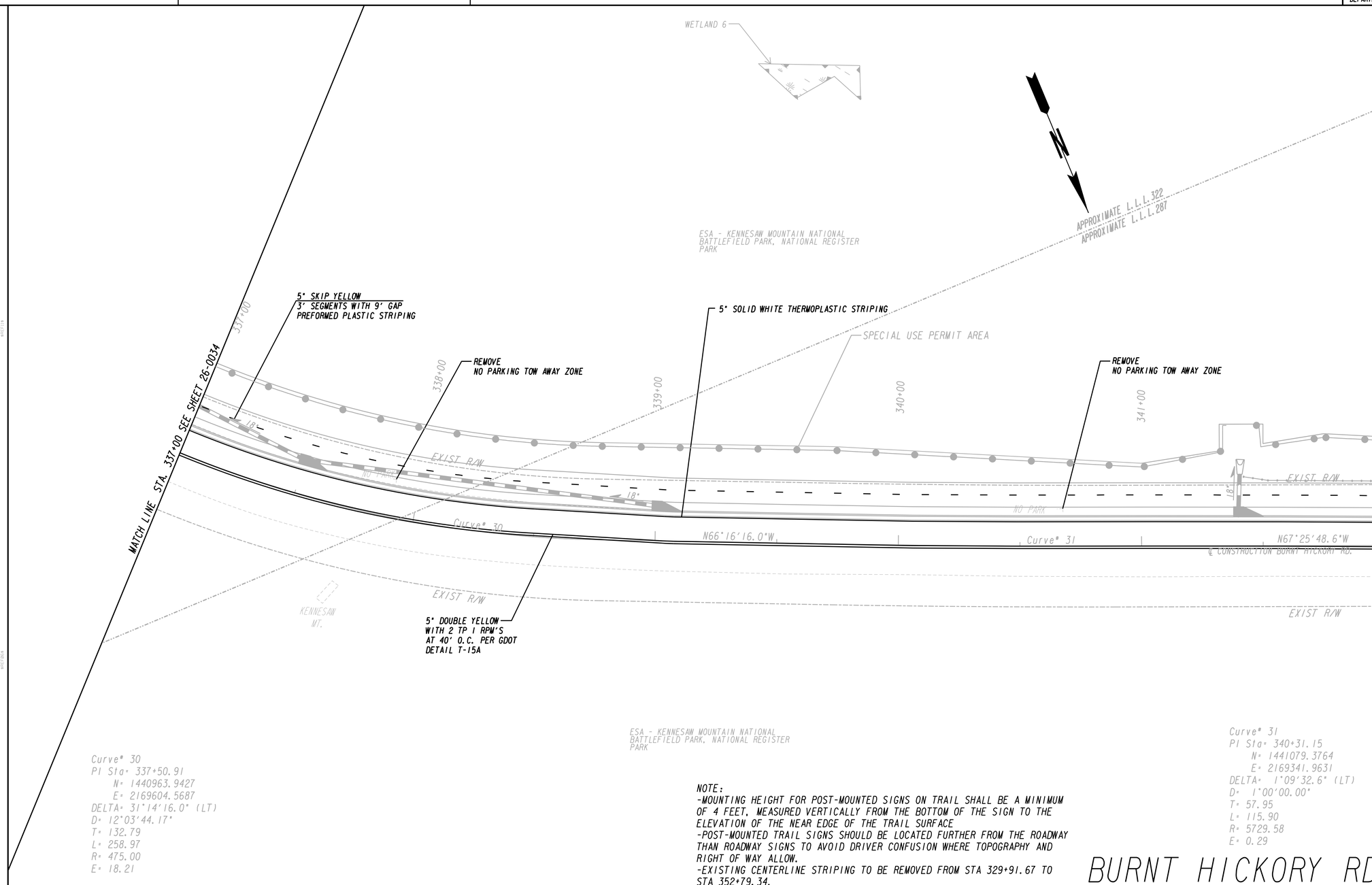
CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
26-0034

7/31/2015 GPLN

8/6/2020 5:00:25 PM $PRF8$ J:\2017030\0015279\DGN\0015279_26-0035_(BH).dgn
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



NOTE:
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BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

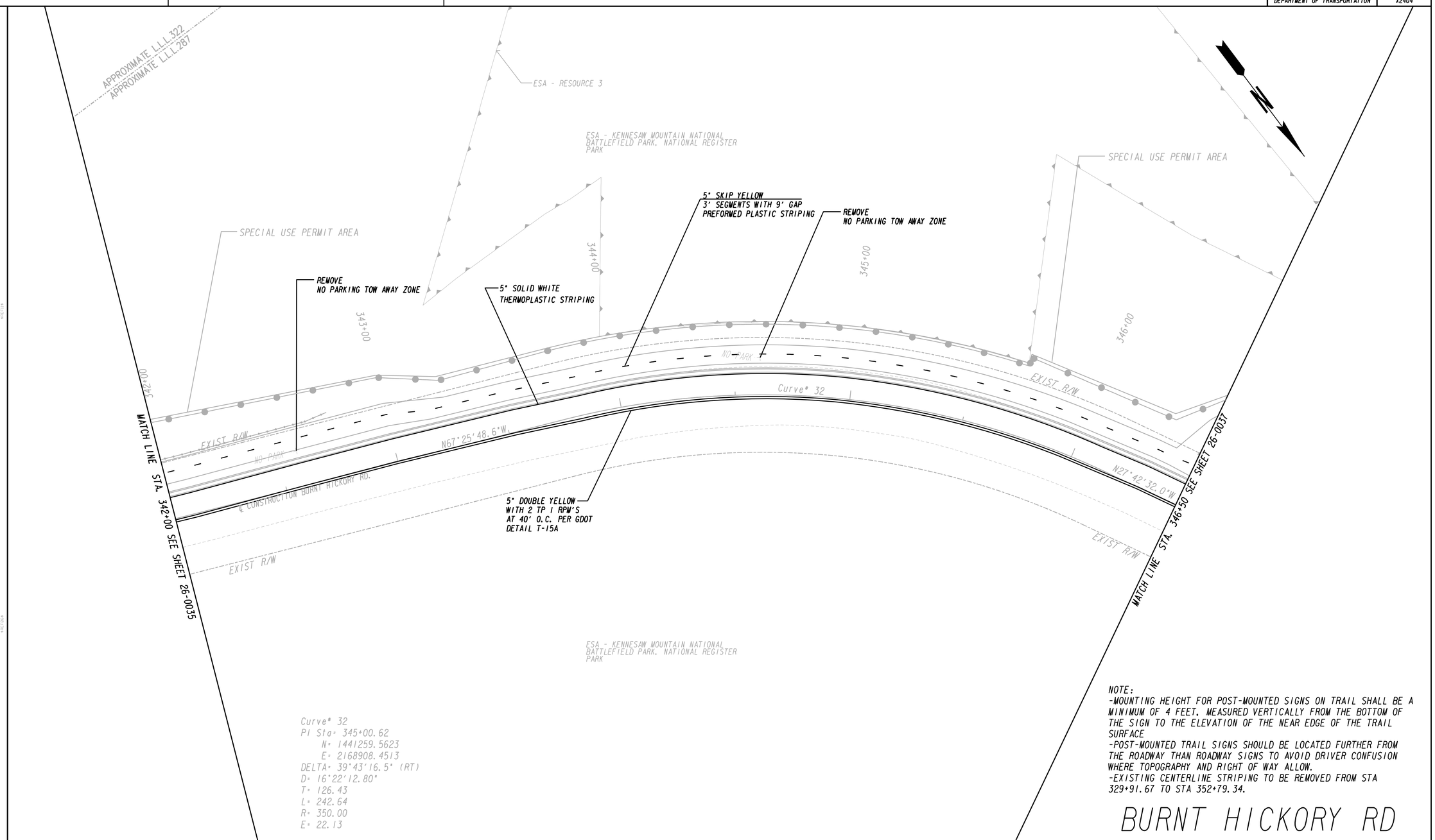
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 26-0035

7/31/2015 GPLN



Curve" 32
PI Sta" 345+00.62
N" 1441259.5623
E" 2168908.4513
DELTA" 39°43'16.5" (RT)
D" 16°22'12.80"
T" 126.43
L" 242.64
R" 350.00
E" 22.13

NOTE:
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-EXISTING CENTERLINE STRIPING TO BE REMOVED FROM STA 329+91.67 TO STA 352+79.34.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 26-0036

7/31/2015 GPLN

NOTE:
-MOUNTING HEIGHT FOR POST-MOUNTED SIGNS ON TRAIL SHALL BE A MINIMUM OF 4 FEET, MEASURED VERTICALLY FROM THE BOTTOM OF THE SIGN TO THE ELEVATION OF THE NEAR EDGE OF THE TRAIL SURFACE
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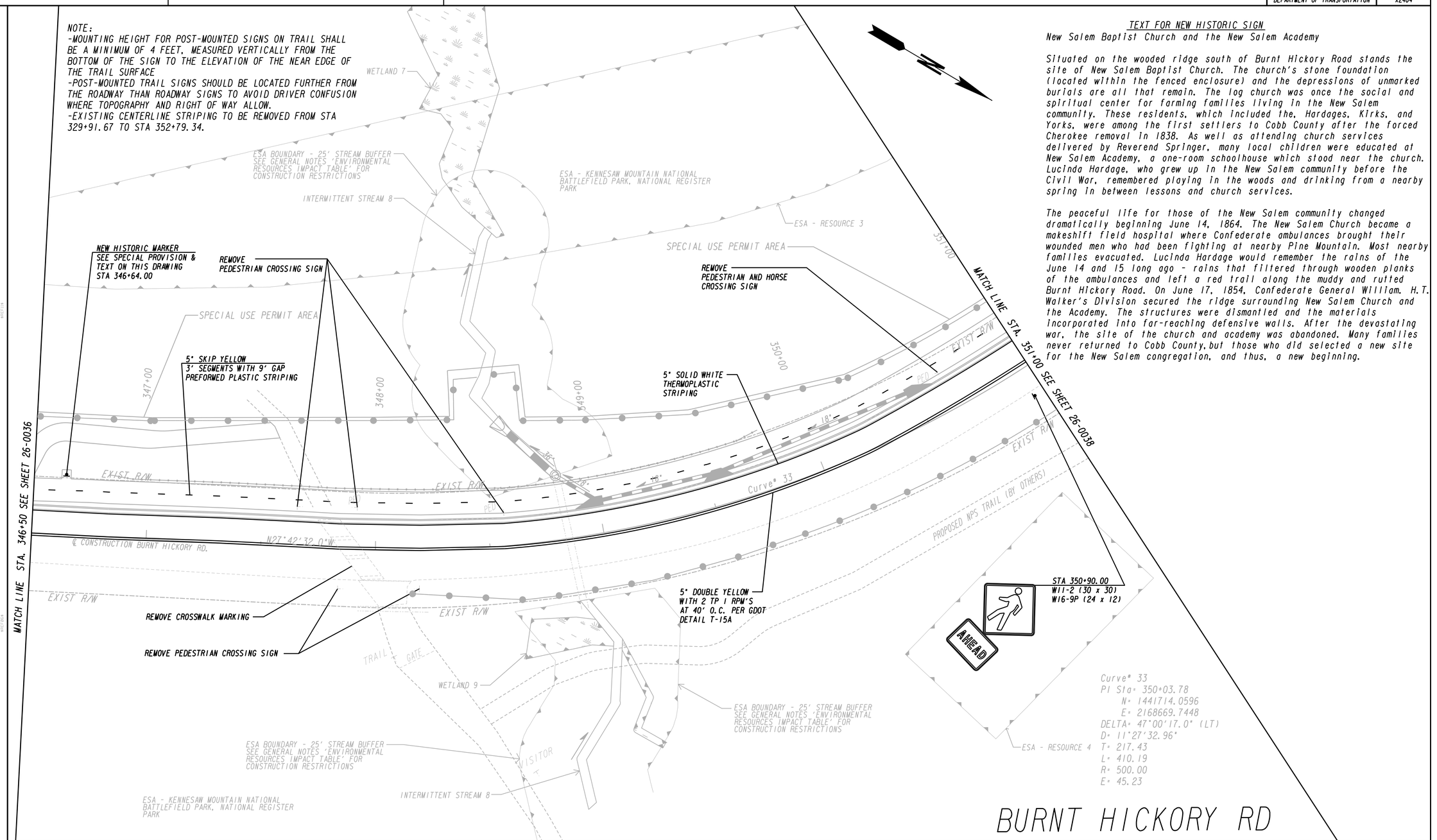
-EXISTING CENTERLINE STRIPING TO BE REMOVED FROM STA 329+91.67 TO STA 352+79.34.



TEXT FOR NEW HISTORIC SIGN

New Salem Baptist Church and the New Salem Academy

Situated on the wooded ridge south of Burnt Hickory Road stands the site of New Salem Baptist Church. The church's stone foundation (located within the fenced enclosure) and the depressions of unmarked burials are all that remain. The log church was once the social and spiritual center for farming families living in the New Salem community. These residents, which included the, Hardages, Kirks, and Yorks, were among the first settlers to Cobb County after the forced Cherokee removal in 1838. As well as attending church services delivered by Reverend Springer, many local children were educated at New Salem Academy, a one-room schoolhouse which stood near the church. Lucinda Hardage, who grew up in the New Salem community before the Civil War, remembered playing in the woods and drinking from a nearby spring in between lessons and church services.

The peaceful life for those of the New Salem community changed dramatically beginning June 14, 1864. The New Salem Church became a makeshift field hospital where Confederate ambulances brought their wounded men who had been fighting at nearby Pine Mountain. Most nearby families evacuated. Lucinda Hardage would remember the rains of the June 14 and 15 long ago - rains that filtered through wooden planks of the ambulances and left a red trail along the muddy and rutted Burnt Hickory Road. On June 17, 1854, Confederate General William. H.T. Walker's Division secured the ridge surrounding New Salem Church and the Academy. The structures were dismantled and the materials incorporated into far-reaching defensive walls. After the devastating war, the site of the church and academy was abandoned. Many families never returned to Cobb County, but those who did selected a new site for the New Salem congregation, and thus, a new beginning.

PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	--C--F--
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

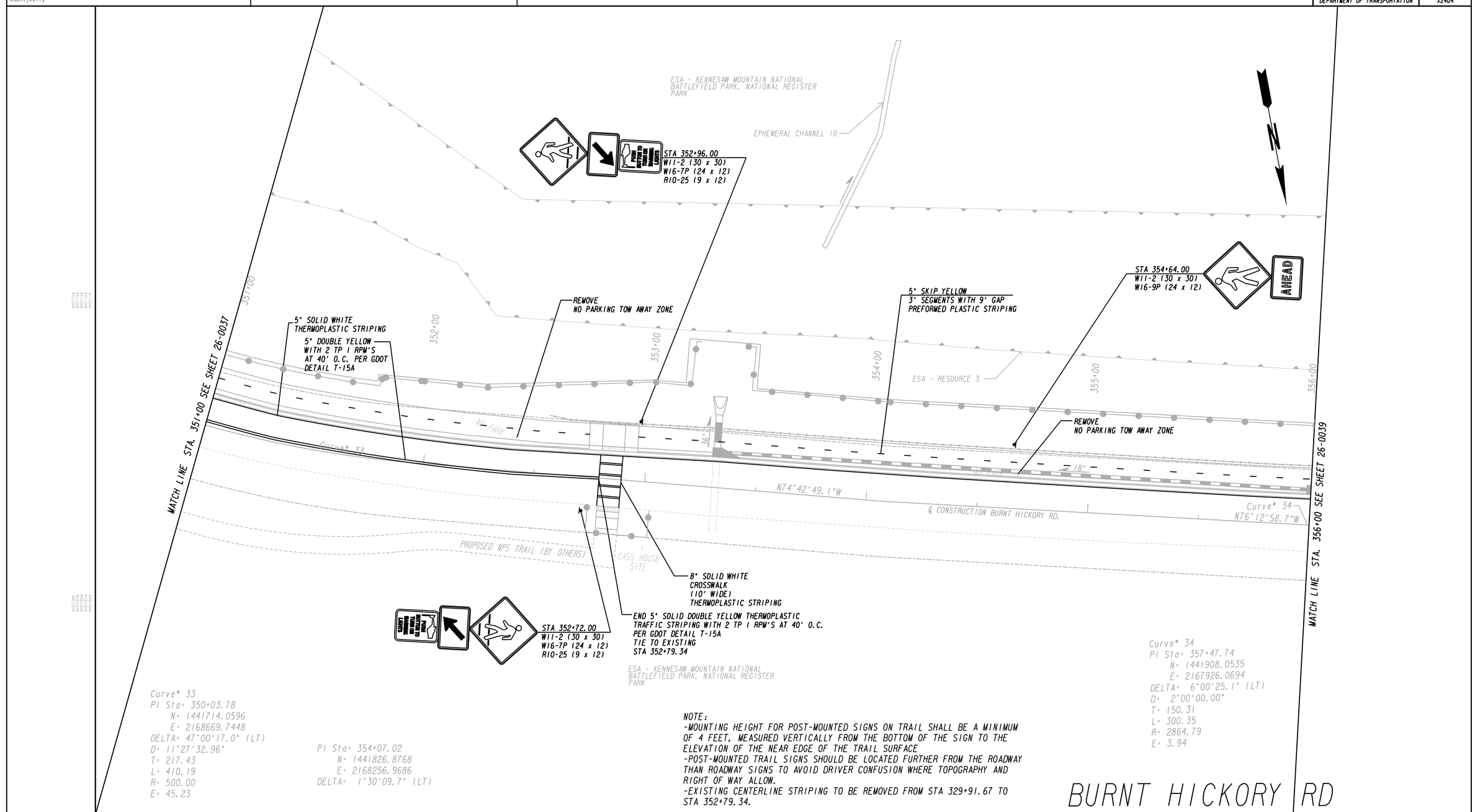
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 26-0037

7/31/2015 GPLN



Curve* 33
PI Sta= 350+03.78
N= 1441714.0596
E= 2168669.7448
DELTA= 47°00'17.0" (LT)
D= 11°27'32.96"
T= 217.43
L= 410.19
R= 500.00
E= 45.23

PI Sta= 354+07.02
N= 1441826.8768
E= 2168256.9686
DELTA= 1°30'09.7" (LT)

Curve* 34
PI Sta= 357+47.74
N= 1441908.0535
E= 2167926.0694
DELTA= 6°00'25.1" (LT)
D= 2°00'00.00"
T= 150.31
L= 300.35
R= 2864.79
E= 3.94

NOTE:
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-POST-MOUNTED TRAIL SIGNS SHOULD BE LOCATED FURTHER FROM THE ROADWAY THAN ROADWAY SIGNS TO AVOID DRIVER CONFUSION WHERE TOPOGRAPHY AND RIGHT OF WAY ALLOW.
-EXISTING CENTERLINE STRIPING TO BE REMOVED FROM STA 329+91.67 TO STA 352+79.34.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

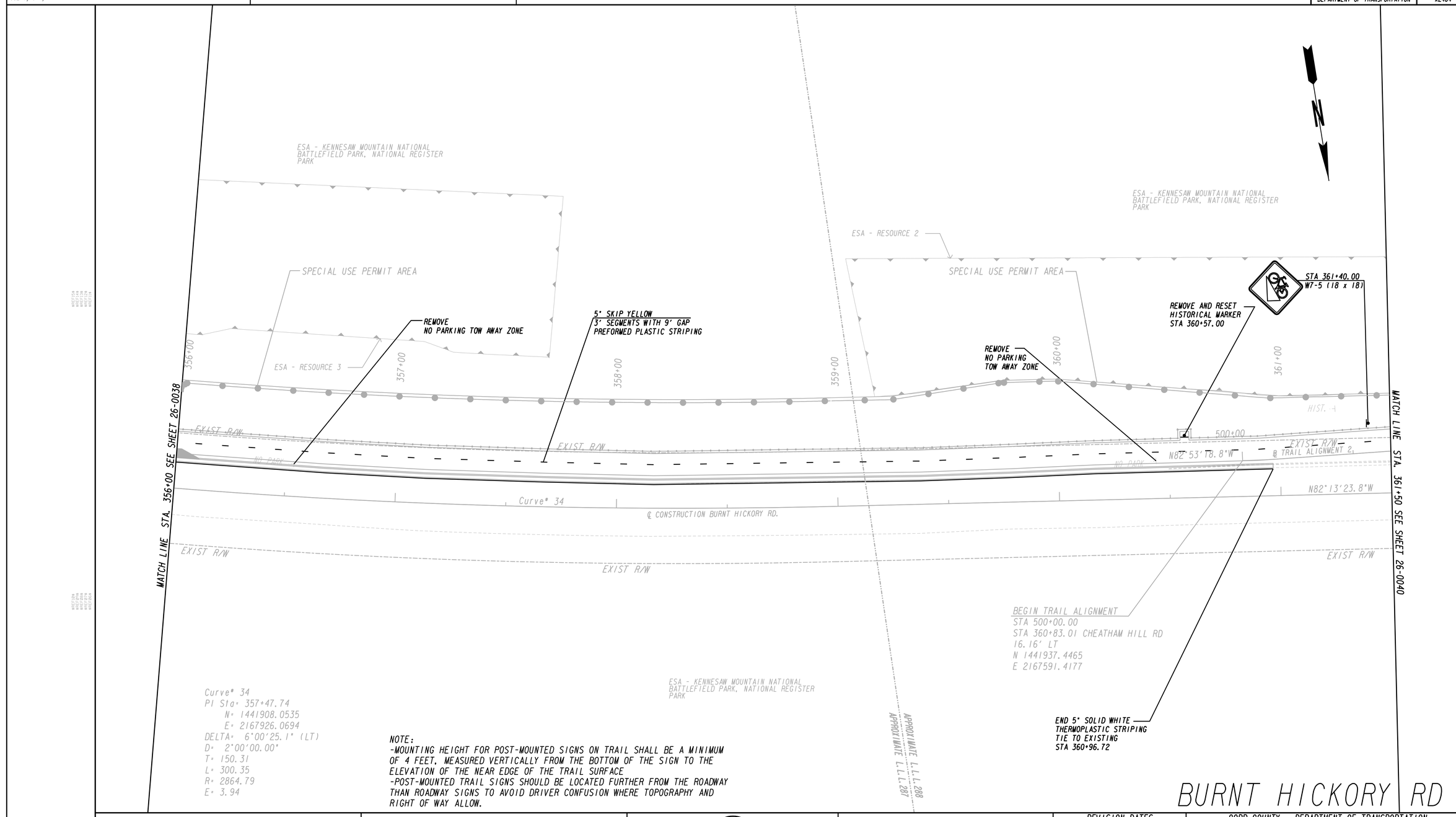
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
SIGNING AND MARKING PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 26-0038

7/31/2015 GPLN

8/6/2020 5:00:45 PM USER:jkelly	$PRF8$	J:\2017030\0015279\DGN\0015279_26-0039_(BH).dgn	COBB COUNTY DEPARTMENT OF TRANSPORTATION	Project No. X2404



NOTE:
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BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

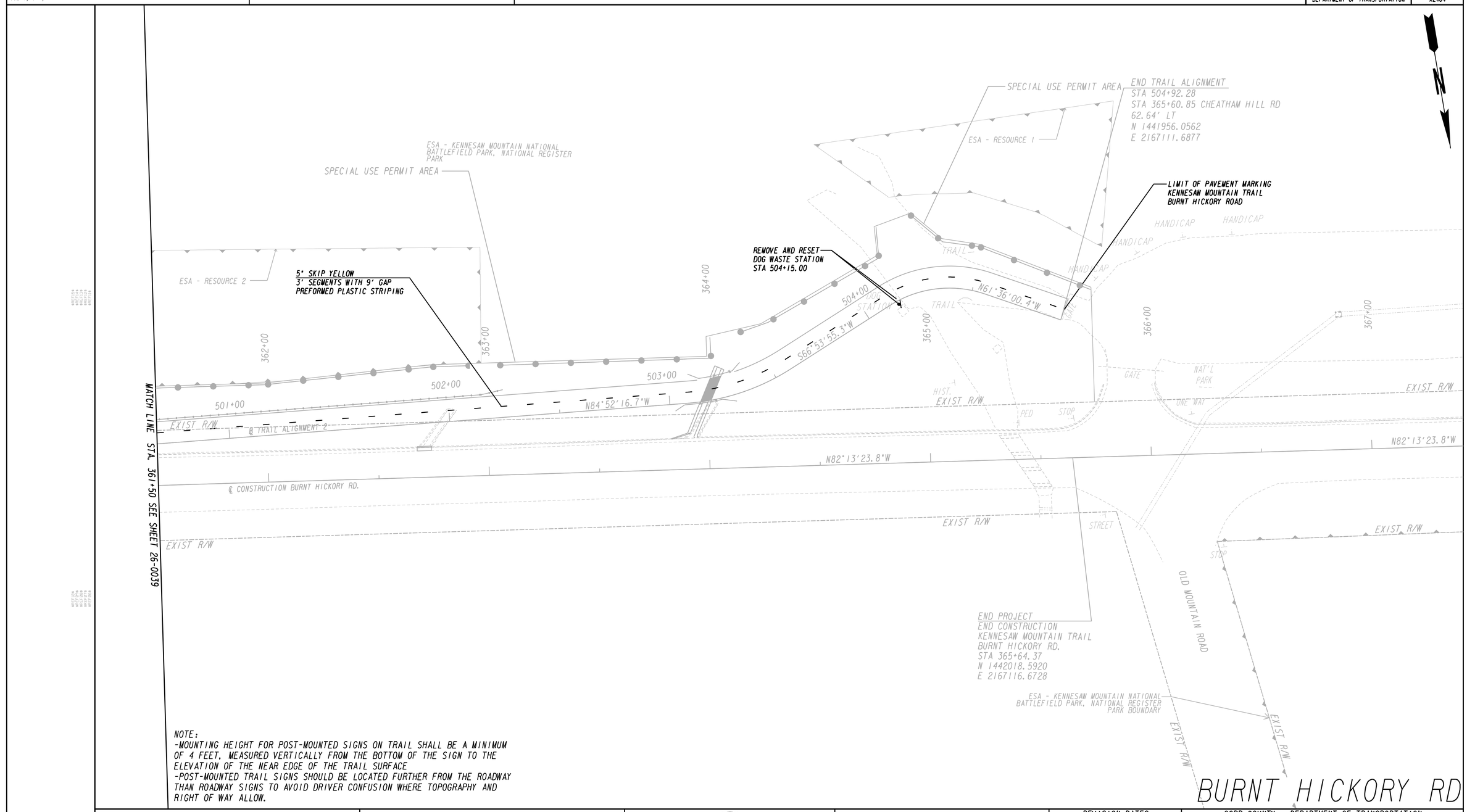
SIGNING AND MARKING PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0039
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

8/6/2020 5:00:50 PM USER:jkelly	$PRF8$	J:\2017030\0015279\DGN\0015279_26-0040_(BH).dgn	COBB COUNTY DEPARTMENT OF TRANSPORTATION	Project No. X2404



NOTE:
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PROPERTY AND EXISTING R/W LINE	----------P----------
REQUIRED R/W LINE	————————
CONSTRUCTION LIMITS	——C——F——
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

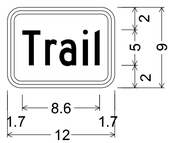
COBB COUNTY - DEPARTMENT OF TRANSPORTATION

SIGNING AND MARKING PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

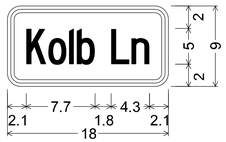
CHECKED:		DATE:		DRAWING No. 26-0040
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN



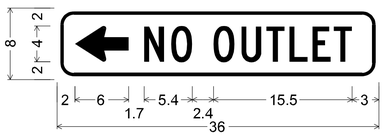
STA 19+20.00 STA 29+81.00
STA 22+26.00 STA 40+55.00
STA 25+24.00 STA 43+10.00
STA 27+09.00 STA 49+62.00
STA 27+70.00 STA 52+79.00

Identifier : W16-8_VARx9;
1.5" Radius, 0.5" Border, 0.4" Indent, Black on Yellow;
[Trail] C 2K 106% spacing;



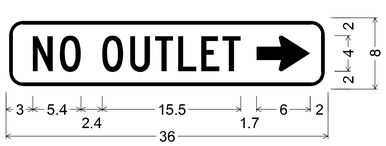
STA 24+25.00

Identifier : W16-8_VARx9;
1.5" Radius, 0.5" Border, 0.4" Indent, Black on Yellow;
[Kolb Ln] C 2K 45% spacing;



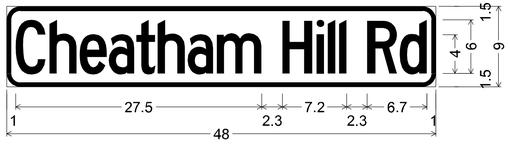
STA 25+93.00
STA 60+38.00
STA 319+98.16

Identifier : W14-2aL_36x8;
1.9" Radius, 0.4" Border, 0.4" Indent, Black on, Yellow;
"NO", C 2K specified length;
"OUTLET", C 2K specified length;
Standard Arrow Custom 6.0" X 4.0" 0';



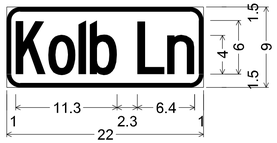
STA 25+93.00
STA 60+38.00
STA 319+98.16

Identifier : W14-2aR_36x8;
1.9" Radius, 0.4" Border, 0.4" Indent, Black on, Yellow;
"NO", C 2K specified length;
"OUTLET", C 2K specified length;
Standard Arrow Custom 6.0" X 4.0" 0';



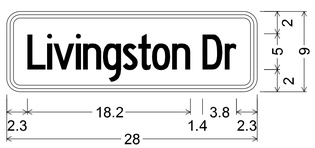
STA 25+93.00
STA 35+13.00
STA 44+10.00
STA 60+38.00

Identifier : D3-1
1.5" Radius, 0.5" Border, White on, Green;
"Cheatham Hill Rd", C 2K specified length;



STA 25+93.00

Identifier ; D3-1
1.5" Radius, 0.5" Border, White on, Green;
"Kolb Ln", C 2K specified length;

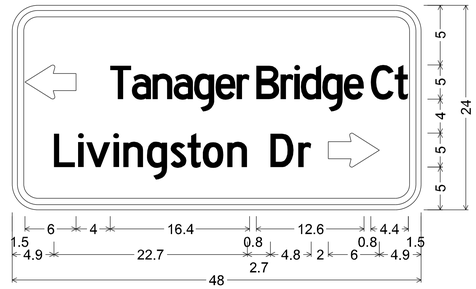


STA 31+13.00

Identifier : W16-8_VARx9;
1.5" Radius, 0.5" Border, 0.4" Indent, Black on Yellow;
[Livingston Dr] C 2K 34% spacing;

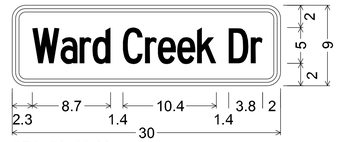
STA 35+13.00
STA 44+10.00

Identifier : D3-1
1.5" Radius, 0.5" Border, White on, Green;
"Livingston Dr", C 2K specified length;



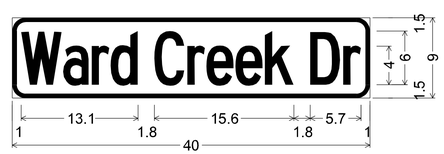
STA 39+30.00

Identifier : W16-8a_48x15;
3.0" Radius, 0.6" Border, 0.6" Indent, Black on, Yellow;
Standard Arrow Custom 6.0" X 4.0" 180';
"Tanager Bridge Ct", C 2K specified length;
"Livingston Dr", C 2K 68% spacing;
Standard Arrow Custom 6.0" X 4.0" 0';



STA 58+00.00

Identifier : W16-8_VARx9;
1.5" Radius, 0.5" Border, 0.4" Indent, Black on Yellow;
[Ward Creek Dr] C 2K 34% spacing;



STA 60+38.00

Identifier : D3-1
1.5" Radius, 0.5" Border, White on, Green;
"Ward Creek Dr", C 2K specified length;

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

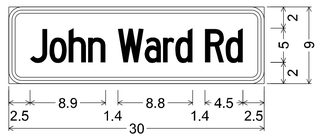
COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MISC. SIGN DETAILS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		26-0041
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN



STA 112+88.00
Identifier : W16-8_VARx9;
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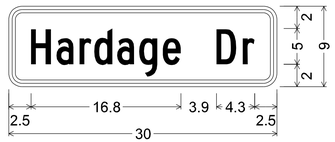
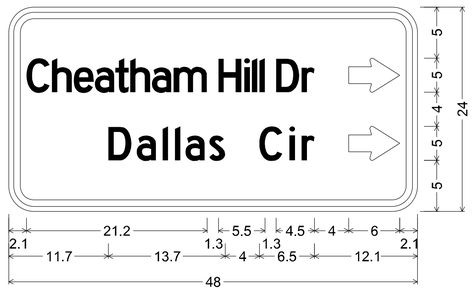
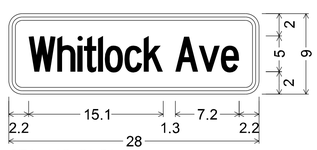
"John Ward Rd", C 2K specified length;



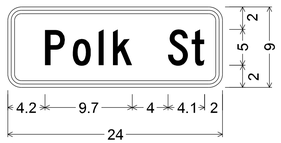
STA 208+54.00
Identifier : W16-8_VARx9;
1.5" Radius, 0.5" Border, 0.4" Indent, Black on Yellow;
[Hardage Dr] C 2K 99% spacing;



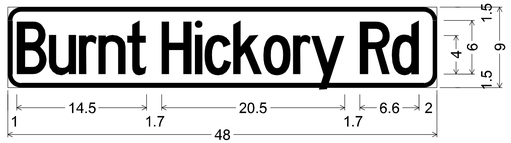
STA 220+10.00
Identifier : W16-8a_48x15;
3.0" Radius, 0.6" Border, 0.6" Indent, Black on, Yellow;
"Cheatham Hill Dr", C 2K 33% spacing;
Standard Arrow Custom 6.0" X 4.0" 0';
"Dallas Cir", C 2K;
Standard Arrow Custom 6.0" X 4.0" 0';



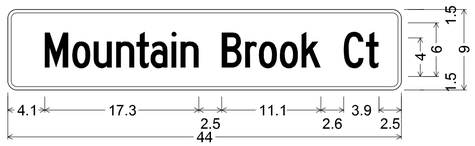
STA 305+58.56
Identifier : W16-8_VARx9;
1.5" Radius, 0.5" Border, 0.4" Indent, Black on Yellow;
[Whitlock Ave] C 2K 34% spacing;



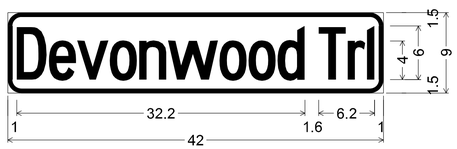
STA 319+02.00
Identifier : W16-8_VARx9;
1.5" Radius, 0.5" Border, 0.4" Indent, Black on Yellow;
[Polk St] C 2K 144% spacing;



STA 319+98.16
STA 324+32.00
Identifier : D3-1
1.5" Radius, 0.5" Border, White on, Green;
"Burnt Hickory Rd", C 2K specified length; "", C 2K;



STA 319+98.16
Identifier : D3-1
1.0" Radius, 0.4" Border, White on Green;
[Mountain Brook Ct] C 2K 64% spacing;



STA 324+32.00
Identifier : D3-1
1.5" Radius, 0.5" Border, White on, Green;
"Devonwood Trl", C 2K specified length;

STA 326+45.00
Identifier : W16-8a_48x15;
3.0" Radius, 0.6" Border, 0.6" Indent, Black on, Yellow;
"Westborough Dr", C 2K 34% spacing;
Standard Arrow Custom 6.0" X 4.0" 0';
"Devonwood Trail", C 2K 24% spacing;
Standard Arrow Custom 6.0" X 4.0" 0';

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

MISC. SIGN DETAILS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 26-0042

7/31/2015 GPLN

TRAFFIC SIGNAL GENERAL NOTES

1. THE COMPLETE SIGNAL INSTALLATION, MODIFICATION AND/OR REBUILD SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION INCLUDING SUBSEQUENT PUBLISHED RULINGS.
2. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL/CCTV INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE CURRENT GDOT/COBB COUNTY SPECIFICATIONS.
3. ALL INSTALLATION MATERIALS AND METHODS SHALL COMPLY WITH THE CURRENT COBB COUNTY AND GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
4. THE CONTRACTOR IS REQUIRED TO MAINTAIN VEHICLE DETECTION WITHOUT INTERRUPTION FOR ALL TRAFFIC SIGNAL PHASES DURING CONSTRUCTION OF THE PROJECT. APPROVED DETECTION (RADAR or VIDEO) SHALL BE USED FOR PRESENCE DETECTION AND PULSE DETECTION. TEMPORARY POLES MAY BE REQUIRED TO SUPPORT THESE DETECTION DEVICES DURING PROJECT CONSTRUCTION.
5. THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC SIGNALS, CCTV, AND COMMUNICATIONS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SIGNAL AND/OR CONTROL SYSTEM ADJUSTMENTS, INCLUDING TEMPORARY SUPPORT POLE LOCATION(S) REQUIRED BY THE PROJECT DURING THE INTERIM PERIOD THROUGH INSTALLATION OF NEW SIGNAL EQUIPMENT. AT NO TIME SHALL THE CONTRACTOR CAUSE ANY PART OF THE SIGNAL/CCTV OPERATION INCLUDING COMMUNICATIONS TO BE INOPERABLE. ANY NECESSARY INTERRUPTION IN COMMUNICATION OR OPERATION DUE TO CONSTRUCTION MUST BE APPROVED BY COBB COUNTY TRAFFIC ENGINEER OR HIS/HER DESIGNEE.
6. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN THE VICINITY OF NEW TRAFFIC SIGNAL POLES, CONDUIT, AND PULL BOXES BEFORE INSTALLATION. MINOR SHIFTS (UP TO A MAXIMUM OF FIVE (5) FEET) IN THE LOCATION OF NEW SIGNAL POLES, CONDUIT, AND PULL BOXES, SHALL BE AT THE DISCRETION OF THE COBB SIGNAL DESIGN ENGINEER.
7. PROVIDE A MINIMUM OF 10' CLEARANCE BETWEEN POWER LINES AND MAST ARMS. RAISE POWER LINES IF NECESSARY.
8. ALL INSTALLED FIBER OPTIC CABLE SHALL BE THE FIRST CABLE ATTACHED BELOW THE NEUTRAL CONDUCTORS. THE VERTICAL SEPARATION BETWEEN THE ATTACHMENT POINT OF THE FIBER AND THE ATTACHMENT POINT OF THE NEUTRAL CONDUCTOR SHALL BE A MINIMUM OF 40 INCHES, AND THE VERTICAL SEPARATION BETWEEN THE ATTACHMENT POINT OF THE FIBER OPTIC CABLE AND THE LOWEST POINT OF THE NEUTRAL CONDUCTOR (IN THE SPAN OR AT THE CROSSING) SHALL BE MINIMUM OF 12 INCHES. THE MINIMUM VERTICAL SEPARATION BETWEEN THE ATTACHMENT POINT OF THE FIBER AND ATTACHMENT POINT OF ALL OTHER CABLES SHALL BE A MINIMUM OF 12 INCHES.
9. POLE FOUNDATIONS SHALL CONFORM TO GDOT STANDARD CAISSON DETAILS FOR SITE SOIL STRENGTH. FOUNDATIONS SHALL BE ENLARGED AS NECESSARY TO COMPENSATE FOR INFERIOR OR FILL SOIL.
10. SIGNAL HEADS SHALL BE ERECTED TO PROVIDE AT LEAST 19 FEET CLEARANCE FROM BOTTOM OF SIGNAL HEADS TO TOP OF ROAD SURFACE AND A MINIMUM OF 8 FEET MEASURED HORIZONTALLY BETWEEN CENTERS OF SIGNAL HEADS.
11. WHERE SIGNAL AND PEDESTRIAN HEADS ARE INDICATED TO BE INSTALLED OR REPLACED THIS SHALL INCLUDE ANY AND ALL HARDWARE TO COMPLETE THE INSTALLATION.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NEW GUYS ON EXISTING UTILITY TIMBER POLES WHEN ATTACHING SPAN WIRE OR INTERCONNECT CABLE TO THE POLES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
13. THE SIGNAL INSPECTOR (770-528-3679) MUST BE CONTACTED THREE (3) DAYS IN ADVANCE OF POURING CONCRETE FOUNDATIONS TO VERIFY BOLT PATTERNS AND CONDUIT PLACEMENT.
14. WHEN REMOVED, EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE DELIVERED AND UNLOADED BY THE CONTRACTOR TO THE COBB COUNTY DEPARTMENT OF TRANSPORTATION, 1890 COUNTY SERVICES PARKWAY, MARIETTA, GEORGIA 30008. THE CONTRACTOR SHALL PROVIDE AN INVENTORY LIST OF RETURNED EQUIPMENT AND ARRANGE A MUTUALLY AGREEABLE DELIVERY TIME WITH THE COBB COUNTY WAREHOUSE TECHNICIAN TWENTY-FOUR (24) HOURS (770-528-4379) IN ADVANCE.
15. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE COBB COUNTY TRAFFIC ENGINEER OR HIS/HER DESIGNEE PRIOR TO FINAL ACCEPTANCE.
16. THE CONTRACTOR SHALL CONTACT COBB COUNTY DEPARTMENT OF TRANSPORTATION FOR A PRE-CONSTRUCTION MEETING TO BE HELD AT THE COBB COUNTY DOT OFFICE, AT WHICH TIME THE CONTRACTOR SHALL ISSUE A LETTER TO COBB COUNTY DOT ACCEPTING RESPONSIBILITY OF THE SPECIFIED INTERSECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND MAINTAIN CONTROL OF THE SIGNAL UNTIL FINAL ACCEPTANCE OF THE SIGNAL BY COBB COUNTY DEPARTMENT OF TRANSPORTATION.
17. INSTALL (4) EA. 3" NONMETAL CONDUIT AND (2) EA. 1" NONMETAL CONDUIT BETWEEN THE CONTROL CABINET AND ITS ADJACENT PULLBOX.
18. INSTALL (3) EA. 2" NONMETAL CONDUIT AND (2) EA. 1" NONMETAL CONDUIT BETWEEN EACH STEEL STRAIN POLE (WITH OR WITHOUT MAST ARM) AND ITS ADJACENT PULLBOX.
19. INSTALL (2) EA. 2" NONMETAL CONDUIT AND (1) EA. 1" NONMETAL CONDUIT BETWEEN PEDESTAL POLE AND ITS ADJACENT PULLBOX.
20. APPROVED DETECTION (RADAR OR VIDEO) AND 2070 CONTROLLERS SHALL BE CAPABLE OF WORKING IN THE EXISTING ADAPTIVE TRAFFIC CONTROL SYSTEM (SCATS) AND BE IP ADDRESSABLE.
21. APPROVED CCTV SURVEILLANCE CAMERAS SHALL BE IP ADDRESSABLE WITH BUILT-IN ENCODER.
22. LFE OR EQUIVALENT TRAFFIC SIGNAL HEADS ARE REQUIRED WITH INCANDESCENT LOOK L.E.D. MODULES AND ALUMINUM BACKPLATES WITH A 2" RETROREFLECTIVE TAPE BORDER.
23. PEDESTRIAN SIGNAL HEADS SHALL BE LED (ITE STANDARD) PEDESTRIAN AND COUNTDOWN (16"X 18" TYPE W/OVERLAPPING FULLY POPULATED HAND AND MAN + COUNTDOWN) AND SHALL BE INSTALLED FOR ALL PEDESTRIAN SIGNAL HEADS.
24. MOMENTARY PUSHBUTTONS (PRESSURE SENSITIVE) SHALL BE INSTALLED FOR ALL PUSHBUTTONS.
25. GROUNDING SHALL BE 5 OHMS OR LESS.
26. CONNECT POWER SERVICE TO CABINET WITH 1 INCH RIGID CONDUIT AND RISER.
27. ALL D3'S (STREET NAME SIGNS ON MAST ARMS OR SPAN WIRE) SHALL BE FURNISHED AND INSTALLED BY THE SIGNAL CONTRACTOR. REFER TO SIGNING AND MARKING GENERAL NOTES FOR SPECIFICATIONS.
28. MATERIALS LISTED FOR SIGNAL INSTALLATION ARE FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE THE MATERIALS AND QUANTITIES REQUIRED FOR THE COMPLETE AND ACCEPTED INSTALLATION.
29. THE SIGNAL CONTRACTOR IS RESPONSIBLE FOR RELOCATIONS OF ANY SIGNAL WIRES AND/OR FIBER OPTIC CABLES ASSOCIATED WITH THIS PROJECT, INCLUDING POWER SERVICE TO SIGNAL EQUIPMENT. THIS ALSO INCLUDES RELOCATIONS OF EXISTING SIGNAL FACILITIES TO ALLOW OTHER UTILITY COMPANIES TO RELOCATE THEIR FACILITIES.
30. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY CONDITIONS PRIOR TO ANY CONSTRUCTION. DAMAGE TO EXISTING UTILITY LINES RESULTING FROM THE CONTRACTOR NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
31. THE CONTRACTOR SHALL ADHERE TO THE CALL BEFORE YOU DIG LAW BY CALLING THE UNDERGROUND PROTECTION CENTER AT GEORGIA811 BEFORE BEGINNING CONSTRUCTION.
32. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO PROVIDE APPROPRIATE CLEARANCES FROM UTILITIES.
33. THE CONTRACTOR IS REQUIRED TO MAINTAIN FULL ACTUATED OPERATION OF ALL PEDESTRIAN SIGNALS AT THIS INTERSECTION DURING ALL PHASES OF CONSTRUCTION. THIS INCLUDES ACCESS TO ALL EXISTING PEDESTRIAN PUSH BUTTONS AND CROSSWALKS. INSTALLATION OF TEMPORARY POLES OR PEDESTALS, PEDESTRIAN SIGNAL DISPLAYS, PUSH BUTTONS, CONDUIT, OR WIRING MAY BE REQUIRED.
34. THE CONTRACTOR SHALL PROVIDE AT LEAST ONE TECHNICIAN WITH AN IMSA LEVEL II CERTIFICATION AT ANY TIME THE CONTRACTOR IS PRESENT ON THE JOB SITE.
35. APPROXIMATE LOCATIONS OF DETECTION (RADAR or VIDEO) ARE SHOWN ON THE PLANS. THE FINAL LOCATION OF ALL DETECTION (RADAR or VIDEO) MUST BE APPROVED BY THE SIGNAL INSPECTOR. RELOCATION OF UNAPPROVED DETECTION UNITS SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE.
36. ALL MICROWAVE RADAR DETECTION UNITS SHALL BE GROUNDED TO THE POLE WITH A SEPARATE WIRE.

GEORGIA REGISTERED No. PE42103 PROFESSIONAL ENGINEER
CHRISTOPHER MADDOX

SEI
SOUTHEASTERN ENGINEERING, INC.
Civil, Traffic, Transportation, Land Surveying, Landscape Architecture, and Land Planning
2470 Sandy Plains Road Marietta, Georgia 30066
tel: 770-321-3936 www.seengineering.com

REVISION DATES		

COBB COUNTY
DEPARTMENT OF TRANSPORTATION
OFFICE:

SIGNAL PLANS

KENNESAW MOUNTAIN
PEDESTRIAN IMPROVEMENTS

DRAWING No. 27-0000

8/5/2020 4:24:30 PM SOUTHEASTERN ENGINEERING, INC.	GPLOT-V8 gplotborder-V81-PO.tbl	I:\CUSTOMERS_PROJECTS\129 Heath & Lineback\129-17-163 Kennesaw Mtn Trail\0015279\DGN\0015279_27-0001.dgn	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
			GA	0015279		

EXISTING SIGNAL

- CONTROLLER CABINET
- STRAIN POLE
- TIMBER POLE
- DOWN GUY
- MAST ARM
- STREET LIGHT
- 3 SECTION HEAD
- 4 SECTION HEAD W/BACKPLATE
- 4/5 SECTION (CLUSTER/T-SHAPE) HEAD
- OVERHEAD SIGN
- PEDESTAL POLE
- PED SIGNAL HEAD
- CURB CUT RAMP
- PULLBOX,(TYPE TO BE CALLED OUT)
- 6X6 PULSE LOOP
- 6X18 CALL LOOP
- 6X40 PRESENCE LOOP (DIPOLE)
- 6X40 PRESENCE LOOP (QUADRUPOLE)
- CONDUIT
- RAILROAD CONTROLLER
- SIGN POST

PROPOSED SIGNAL

- CONTROLLER CABINET
- STRAIN POLE
- TIMBER POLE
- DOWN GUY
- MAST ARM
- STREET LIGHT
- 3 SECTION HEAD
- 3 SECTION HEAD W/ BACKPLATE
- 4 SECTION HEAD
- 4/5 SECTION (CLUSTER/T-SHAPE) HEAD
- OVERHEAD SIGN
- PEDESTAL POLE
- PED SIGNAL HEAD
- CURB CUT RAMP - (SEE ADA DETAIL)
- PULLBOX,(TYPE TO BE CALLED OUT)
- 6x6 PULSE LOOP
- 6x18 CALL LOOP
- 6x40 PRESENCE LOOP (DIPOLE)
- 6x40 PRESENCE LOOP (QUADRUPOLE)
- CONDUIT,(TYPE TO BE CALLED OUT)
- RAILROAD CONTROLLER
- SIGN POST
- RADAR DETECTION DEVICE
- MAGNETOMETER DETECTION DEVICE
- VIDEO DETECTION DEVICE
- VIRTUAL DETECTION ZONE (RADAR,VIDEO,ETC.)

- PROPERTY AND EXISTING R/W LINE
- REQUIRED R/W LINE
- CONSTRUCTION LIMITS
- EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
- EASEMENT FOR CONSTR OF SLOPES
- EASEMENT FOR CONSTR OF DRIVES

- BEGIN LIMIT OF ACCESS.....BLA
- END LIMIT OF ACCESS.....ELA
- LIMIT OF ACCESS
- REQ'D R/W & LIMIT OF ACCESS

GEORGIA REGISTERED No. PE42103 PROFESSIONAL ENGINEER CHRISTOPHER MADDOX

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SOUTHEASTERN ENGINEERING, INC.
Civil, Traffic, Transportation, Land Surveying, Landscape Architecture, and Land Planning
2470 Sandy Plains Road Marietta, Georgia 30066
tel: 770-321-3936 www.seengineering.com

REVISION DATES		

COBB COUNTY
DEPARTMENT OF TRANSPORTATION
OFFICE:

SIGNAL PLANS

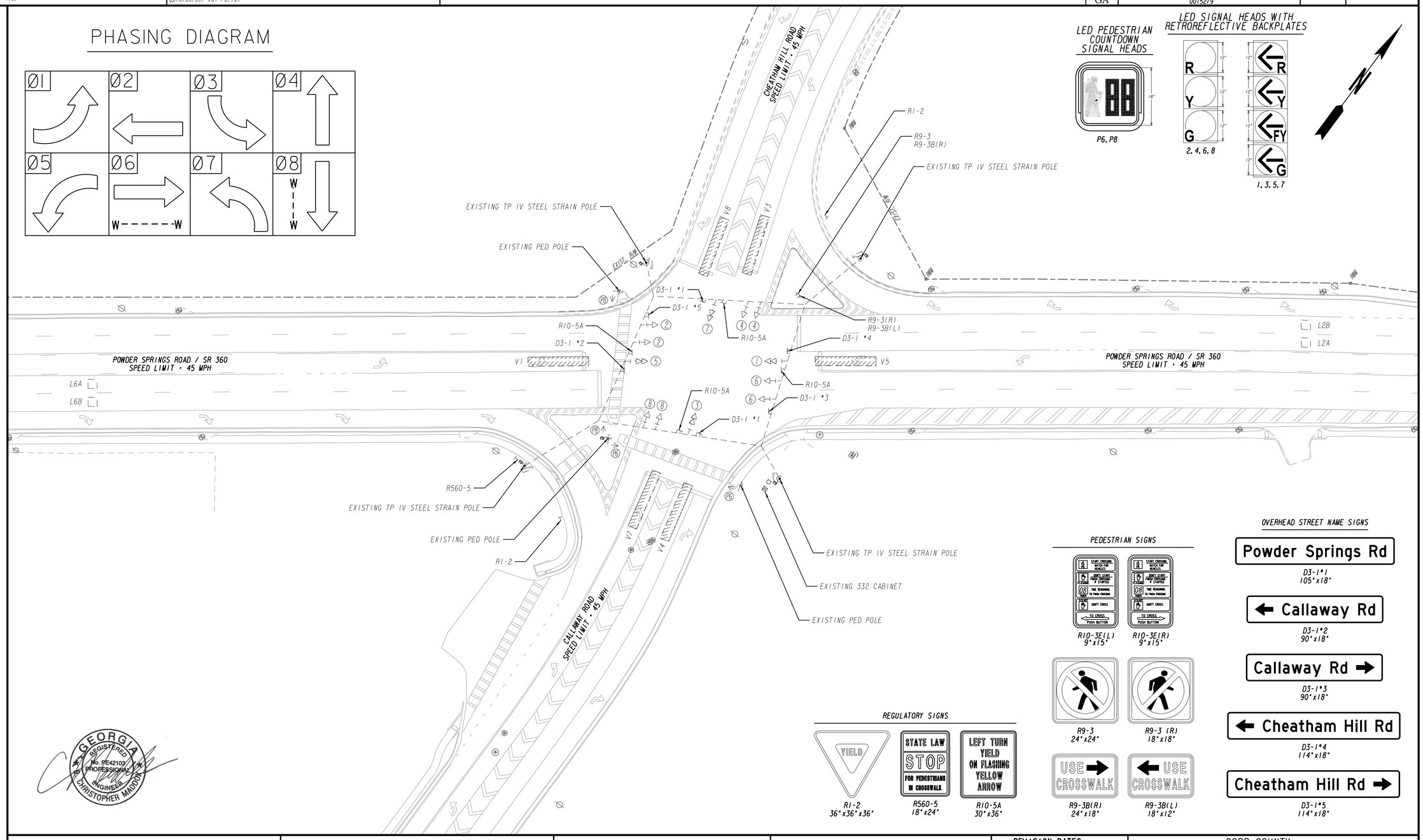
KENNESAW MOUNTAIN
PEDESTRIAN IMPROVEMENTS

DRAWING No. 27-0001

09/17/2015 GPLNOLD

8/5/2020 4:24:44 PM	GPLOT-V8	I:\CUSTOMERS_PROJECTS\129 Heath & Lineback\129-17-163 Kennesaw Mtn Trail\0015279\DGN\0015279_27-0002.dgn	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
SOUTHEASTERN ENGINEERING, INC.	gplotborder-V81-PO.tbl		GA	0015279		

PHASING DIAGRAM



LED PEDESTRIAN COUNTDOWN SIGNAL HEADS

P6, P8

LED SIGNAL HEADS WITH RETROREFLECTIVE BACKPLATES

2, 4, 6, 8 | 1, 3, 5, 7

REGULATORY SIGNS

R1-2 36"x36"x36" | R560-5 18"x24" | R10-5A 30"x36"

PEDESTRIAN SIGNS

R10-3E(L) 9"x15" | R10-3E(R) 9"x15"

R9-3 24"x24" | R9-3 (R) 18"x18"

R9-3B(R) 24"x18" | R9-3B(L) 18"x12"

OVERHEAD STREET NAME SIGNS

GEORGIA REGISTERED No. PE42103 PROFESSIONAL ENGINEER CHRISTOPHER MADDOX

SIGNAL LEGEND

- PROPOSED SIGNAL HEAD
- EXISTING SIGNAL HEAD
- RELOCATED SIGNAL HEAD
- PROPOSED 4-SECTION SIGNAL HEAD
- PROPOSED 5-SECTION (CLUSTER) SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

DETECTION LEGEND

- PROPOSED VIDEO DETECTION ZONE
- PROPOSED INDUCTIVE LOOP
- PROPOSED RADAR DETECTION ZONE
- PROPOSED VIDEO DETECTION CAMERA
- PROPOSED MAGNETOMETER
- PROPOSED RADAR

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SCALE IN FEET
0 30 60 120

REVISION DATES		

COBB COUNTY
DEPARTMENT OF TRANSPORTATION
OFFICE:

SIGNAL PLANS

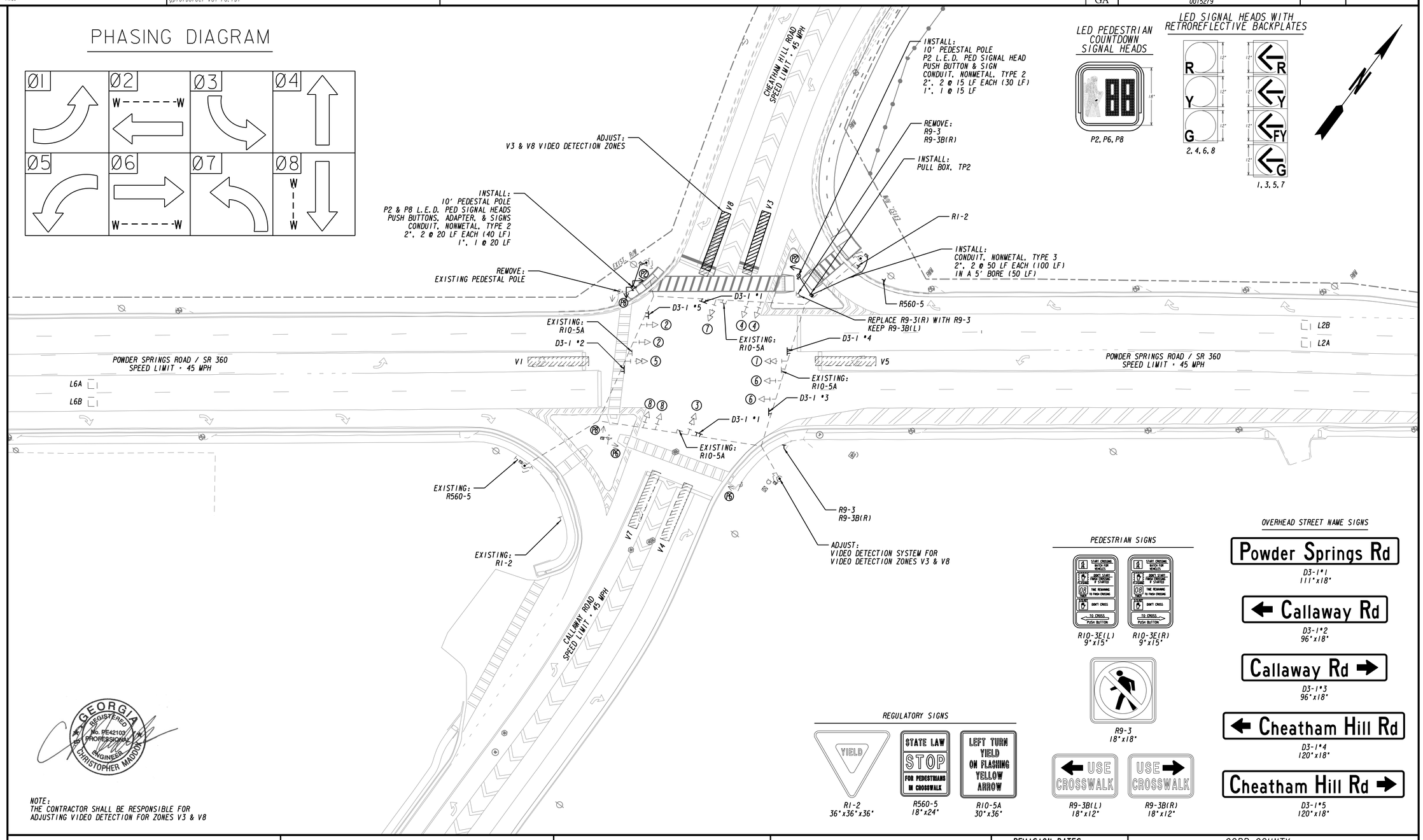
POWDER SPRINGS RD @ CHEATHAM HILL RD
EXISTING CONDITIONS

DRAWING No. 27-0002

09/17/2015 GPLNOLD

8/5/2020 4:25:07 PM	GPLOT-V8	I:\CUSTOMERS_PROJECTS\129 Heath & Lineback\129-17-163 Kennesaw Mtn Trail\0015279\DGN\0015279_27-0003.dgn	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
SOUTHEASTERN ENGINEERING, INC.	gplotborder-V8I-PO.tbl		GA	0015279		

PHASING DIAGRAM



LED PEDESTRIAN COUNTDOWN SIGNAL HEADS

P2, P6, P8

LED SIGNAL HEADS WITH RETROREFLECTIVE BACKPLATES

2, 4, 6, 8

1, 3, 5, 7

PEDESTRIAN SIGNS

R10-3E(L) 9"x15"

R10-3E(R) 9"x15"

R9-3 18"x18"

R9-3B(L) 18"x12"

R9-3B(R) 18"x12"

REGULATORY SIGNS

R1-2 36"x36"x36"

R560-5 18"x24"

R10-5A 30"x36"

OVERHEAD STREET NAME SIGNS

NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING VIDEO DETECTION FOR ZONES V3 & V8

GEORGIA REGISTERED No. PE42103 PROFESSIONAL ENGINEER CHRISTOPHER MADDOX

SIGNAL LEGEND

- PROPOSED SIGNAL HEAD
- EXISTING SIGNAL HEAD
- RELOCATED SIGNAL HEAD
- PROPOSED 4-SECTION SIGNAL HEAD
- PROPOSED 5-SECTION (CLUSTER) SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

DETECTION LEGEND

- PROPOSED VIRTUAL DETECTION ZONE
- PROPOSED INDUCTIVE LOOP
- PROPOSED VIDEO DETECTION CAMERA
- PROPOSED MAGNETOMETER
- PROPOSED RADAR

SEI
SOUTHEASTERN ENGINEERING, INC.
Civil, Traffic, Transportation, Land Surveying, Landscape Architecture, and Land Planning
2470 Sandy Plains Road Marietta, Georgia 30066
tel: 770-321-3936 www.seengineering.com

SCALE IN FEET
0 30 60 120

REVISION DATES		

COBB COUNTY
DEPARTMENT OF TRANSPORTATION
OFFICE:

SIGNAL PLANS

POWDER SPRINGS RD @ CHEATHAM HILL RD
PROPOSED CONDITIONS

DRAWING No. 27-0003

09/17/2015 GPLNOLD

INTERSECTION OF POWDER SPRINGS ROAD & CHEATHAM HILL ROAD

LIST OF MATERIALS

MATERIALS	UNIT	QUANTITY
CONTROL CABINET ASSEMBLIES		
A. SWITCH PACK	EACH	1
B. DC ISOLATOR	EACH	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT)		
A. 3 PAIR, 18 AWG	REEL	1
SIGNAL CABLE (14 AWG)		
A. 7 CONDUCTOR PER 1000 FT	REEL	1
1-SECTION, 16"x18" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, FULL HAND/MAN OVERLAP, 9" HIGH, NUMBERS & 12" SYMBOLS	EACH	3
PEDESTRIAN PUSHBUTTON STATIONS ADAPTERS (ONLY), 9"x15", DOUBLE PUSH BUTTON STATION ADAPTER FOR 4" DIA PEDESTRIAN POLE, ADJUSTABLE	EACH	1
PEDESTRIAN PUSHBUTTON STATIONS, WITH BUTTONS AND SIGNS, 9"x15", R10-3E, (L)EFT OR (R)IGHT, COUNTDOWN	EACH	3
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, ONE-WAY BRACKET ASSEMBLY	EACH	1
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, TWO-WAY BRACKET ASSEMBLY	EACH	1
PEDESTAL POLE & SQUARE BASE	EACH	2
PULLBOX, TP2	EACH	1
MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATIONS	LUMP	LUMP

STANDARD SIGNS

STATION	INSTL. NO.	CODE	SIGNS (TYPE 11 REFLECTIVE SHEETING) TYPE 1 (0.08)			SIGNS (TYPE 11 REFLECTIVE SHEETING) TYPE 2 (0.10)		
			SIZE	QUANTITY	SQUARE FEET	SIZE	QUANTITY	SQUARE FEET
	1	D3-1 #1				111"x18"	2	27.75
	2	D3-1 #2				96"x18"	1	12.00
	3	D3-1 #3				96"x18"	1	12.00
	4	D3-1 #4				120"x18"	1	15.00
	5	D3-1 #5				120"x18"	1	15.00
	6	R560-5	18"x24"	1	3.00			
	7	R9-3	18"x18"	2	4.50			
	8	R9-3B(R)	18"x12"	1	1.50			
SUBTOTAL				4	9.00		6	81.75
ENGINEERING					0.00			0.25
TOTAL				4	9.00		6	82.00

NOTES

LIST OF MATERIALS IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL MATERIALS AND QUANTITIES REQUIRED FOR INSTALLATION.

332 CABINET INPUT ASSIGNMENT

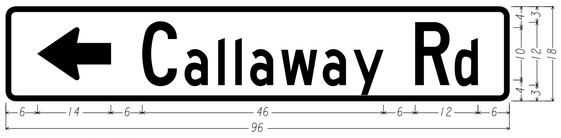
SLOT		1	2	3	4	5	6	7	8	9	10	11	12	13	14
UPPER INPUT FILE															
	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2-CH	2-CH			2-CH	2-CH						DC ISO	DC ISO	DC ISO
CHANNEL 1	CI PIN	56	39	63	47	58	41	65	49	60		80	67	68	81
	FUNCTION	V1	L2A			V3	V4						Ø2 PED	Ø6 PED	FLASH
	FIELD TERM	TB2 1,2	TB2 5,6	TB2 9,10	TB4 1,2	TB4 5,6	TB4 9,10	TB6 1,2	TB6 5,6	TB6 9,10			TB8 4,6	TB8 7,9	N/C
CHANNEL 2	CI PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
	FUNCTION		L2B											Ø8 PED	STOP TIME
	FIELD TERM	TB2 3,4	TB2 7,8	TB2 11,12	TB4 3,4	TB4 7,8	TB4 11,12	TB6 3,4	TB6 7,8	TB6 11,12			TB8 5,6	TB8 8,9	N/C
LOWER INPUT FILE															
	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2-CH	2-CH			2-CH	2-CH								
CHANNEL 1	CI PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
	FUNCTION	V5	L6A			V7	V8								
	FIELD TERM	TB3 1,2	TB3 5,6	TB3 9,10	TB5 1,2	TB5 5,6	TB5 9,10	TB7 1,2	TB7 5,6	TB7 9,10			TB9 4,6	TB9 7,9	TB9 10,12
CHANNEL 2	CI PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
	FUNCTION		L6B												
	FIELD TERM	TB3 3,4	TB3 7,8	TB3 11,12	TB5 3,4	TB5 7,8	TB5 11,12	TB7 3,4	TB7 7,8	TB7 11,12			TB9 5,6	TB9 8,9	TB9 11,12

PAY ITEMS

636-1036	HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING TP 11	SF	9
636-1045	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING TP 11	SF	82
636-2070	GALV STEEL POSTS, TP 7	LF	25
647-1000	TRAFFIC SIGNAL INSTALLATION #1	LUMP	LUMP
682-6219	CONDUIT, NONMETAL, TP2, 1"	LF	35
682-6222	CONDUIT, NONMETAL, TP2, 2"	LF	70
682-6233	CONDUIT, NONMETAL, TP3, 2"	LF	100
682-9950	DIRECTIONAL BORE, 5"	LF	50

OVERHEAD STREET NAME SIGNS

Identifier : D3-1 *1;
1.875" Radius, 1.0" Border, White on Green;
"Powder" C; "Springs" C; "Rd" C;



Identifier : D3-1 *2;
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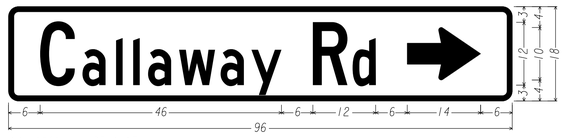
"Callaway" C; "Rd" C;



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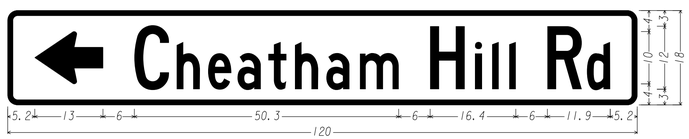
"Callaway" C; "Rd" C;



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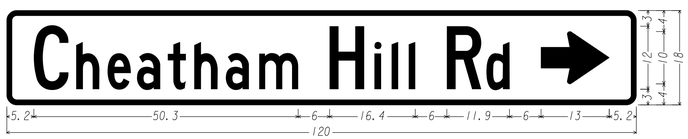
"Cheatham" C; "Hill" C; "Rd" C;



Identifier : D3-1 *5;
1.875" Radius, 1.0" Border, White on Green;
"Cheatham" C; "Hill" C; "Rd" C;

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REVISION DATES

COBB COUNTY
DEPARTMENT OF TRANSPORTATION
OFFICE:

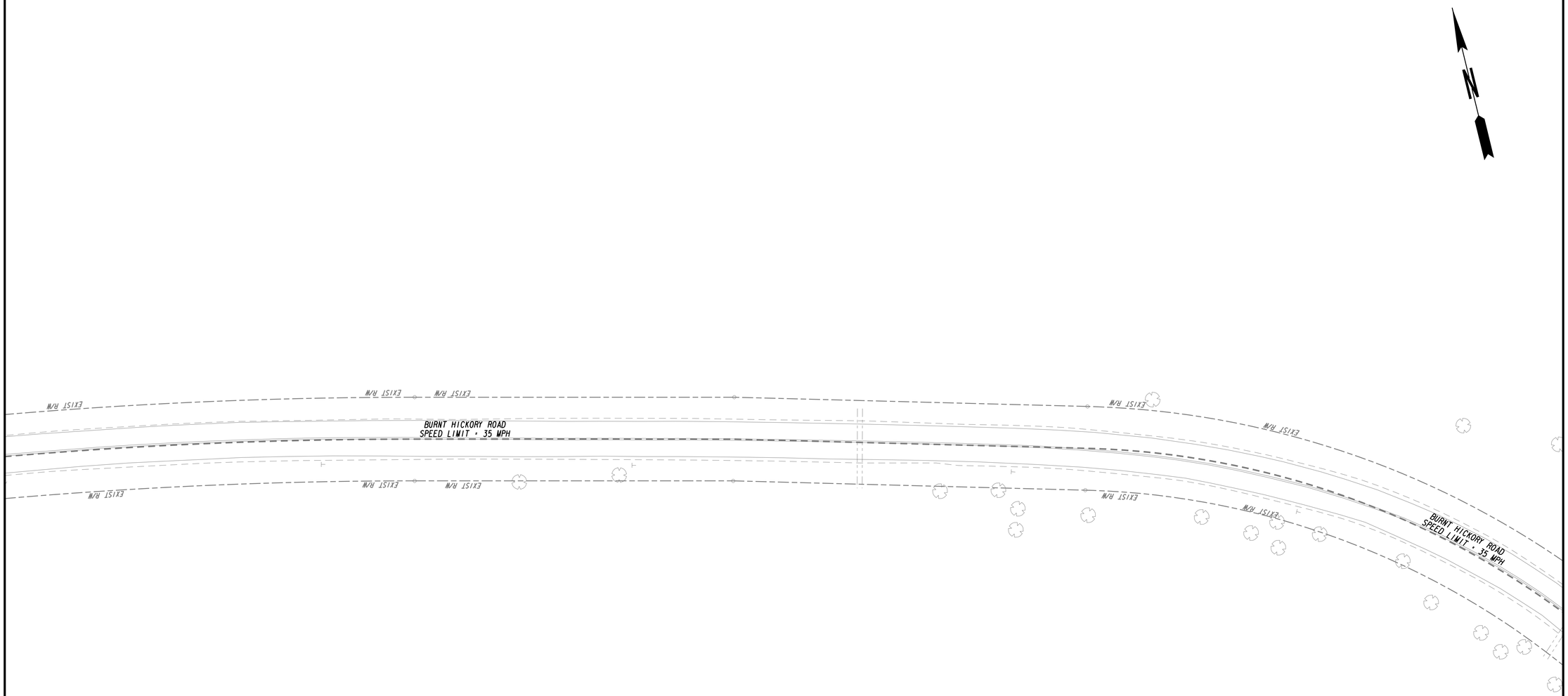
SIGNAL PLANS

POWDER SPRINGS RD @ CHEATHAM HILL RD
LIST OF MATERIALS

DRAWING No. 27-0004

09/17/2015 GPLNOLD

6/17/2020 4:20:24 PM	GPLOT-V8	I:\CUSTOMERS_PROJECTS\129 Heath & Lineback\129-17-163 Kennesaw Mtn Trail\0015279\DGN\0015279_27-0005.dgn	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
SOUTHEASTERN ENGINEERING, INC.	gplotborder-V81-PO.tbl		GA	0015279		



GEORGIA
REGISTERED
No. PE42103
PROFESSIONAL
ENGINEER
CHRISTOPHER MADDOX

SIGNAL LEGEND

- PROPOSED SIGNAL HEAD
- PROPOSED 4-SECTION SIGNAL HEAD
- EXISTING SIGNAL HEAD
- PROPOSED 5-SECTION (CLUSTER) SIGNAL HEAD
- RELOCATED SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

DETECTION LEGEND

- PROPOSED VIRTUAL DETECTION ZONE
- PROPOSED INDUCTIVE LOOP
- PROPOSED VIDEO DETECTION CAMERA
- PROPOSED MAGNETOMETER
- PROPOSED RADAR

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SCALE IN FEET
0 30 60 120

REVISION DATES

COBB COUNTY
DEPARTMENT OF TRANSPORTATION
OFFICE:

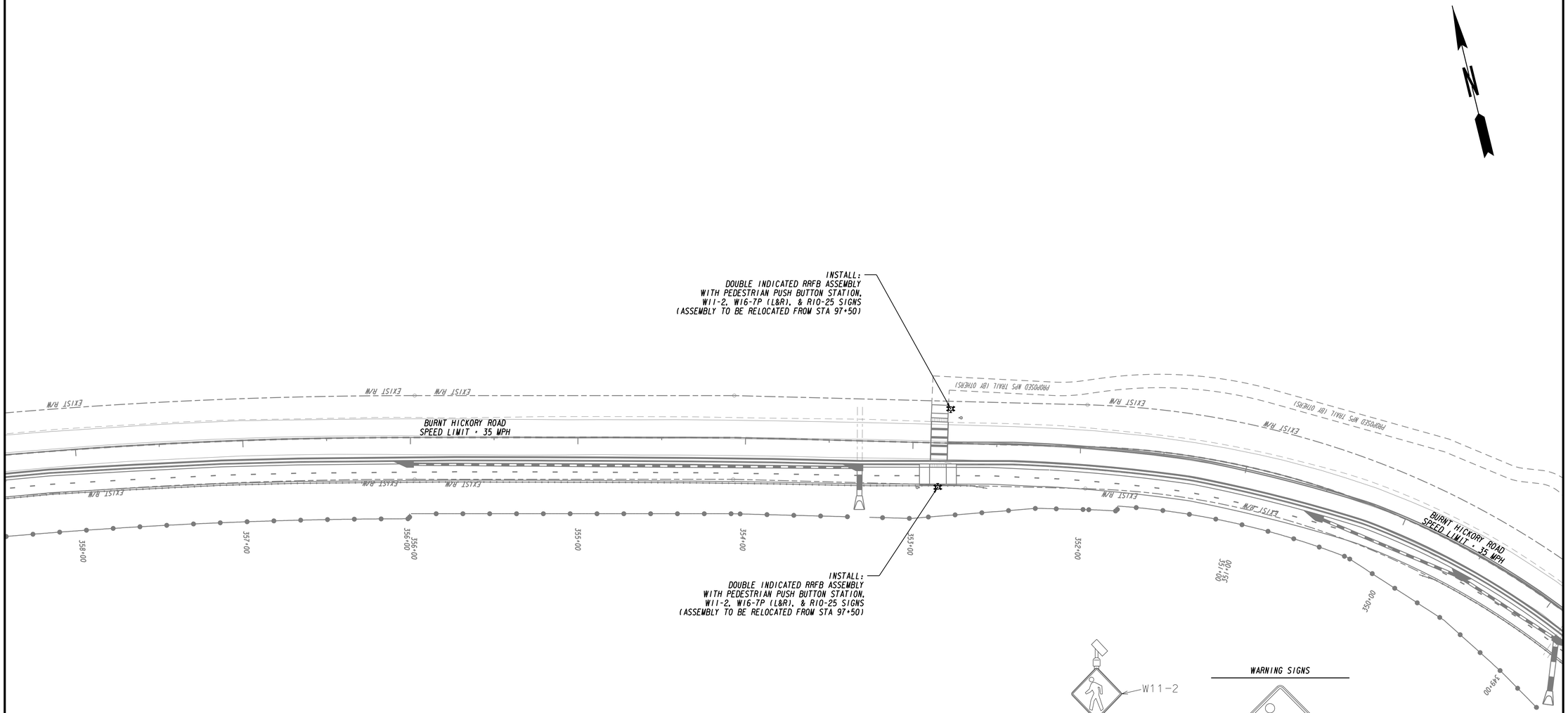
SIGNAL PLANS

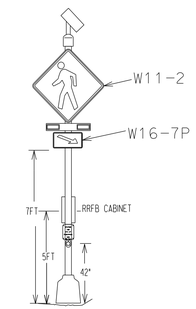
BURNT HICKORY RD MIDBLOCK CROSSING
EXISTING CONDITIONS

DRAWING No. 27-0005

09/17/2015 GPLWOLD

6/17/2020 4:20:50 PM SOUTHEASTERN ENGINEERING, INC.	GPLOT-V8 gplotborder-V81-PO.tbl	I:\CUSTOMERS_PROJECTS\129 Heath & Lineback\129-17-163 Kennesaw Mtn Trail\0015279\DGN\0015279_27-0006.dgn	STATE GA	PROJECT NUMBER 0015279	SHEET NO.	TOTAL SHEETS





RECTANGULAR RAPID FLASHING BEACON (RRFB) ASSEMBLY

WARNING SIGNS

W11-2
36"x36"

W16-7P (L)
24"x12"

W16-7P (R)
24"x12"

REGULATORY SIGN

R10-25
9"x12"

GEORGIA
REGISTERED
No. PE42103
PROFESSIONAL
ENGINEER
CHRISTOPHER MADDOX

SIGNAL LEGEND

- PROPOSED SIGNAL HEAD
- PROPOSED 4-SECTION SIGNAL HEAD
- EXISTING SIGNAL HEAD
- PROPOSED 5-SECTION (CLUSTER) SIGNAL HEAD
- RELOCATED SIGNAL HEAD
- PEDESTRIAN SIGNAL HEAD

DETECTION LEGEND

- PROPOSED VIRTUAL DETECTION ZONE
- PROPOSED INDUCTIVE LOOP
- PROPOSED VIDEO DETECTION CAMERA
- PROPOSED MAGNETOMETER
- PROPOSED RADAR

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SCALE IN FEET
0 30 60 120

REVISION DATES		

COBB COUNTY
DEPARTMENT OF TRANSPORTATION
OFFICE:

SIGNAL PLANS

BURNT HICKORY RD MIDBLOCK CROSSING
PROPOSED CONDITIONS

DRAWING No. 27-0006

09/17/2015 GPLWOLD

BURNT HICKORY ROAD MIDBLOCK CROSSING		
LIST OF MATERIALS		
MATERIALS	UNIT	QUANTITY
PRECAST FOUNDATION	EACH	2
MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATIONS	LUMP	LUMP

PAY ITEMS			
647-1000	TRAFFIC SIGNAL INSTALLATION #3	LUMP	1

NOTES
LIST OF MATERIALS IS FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL MATERIALS AND QUANTITIES REQUIRED FOR INSTALLATION.

GEORGIA REGISTERED No. PE42103 PROFESSIONAL ENGINEER CHRISTOPHER MADDOX

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REVISION DATES

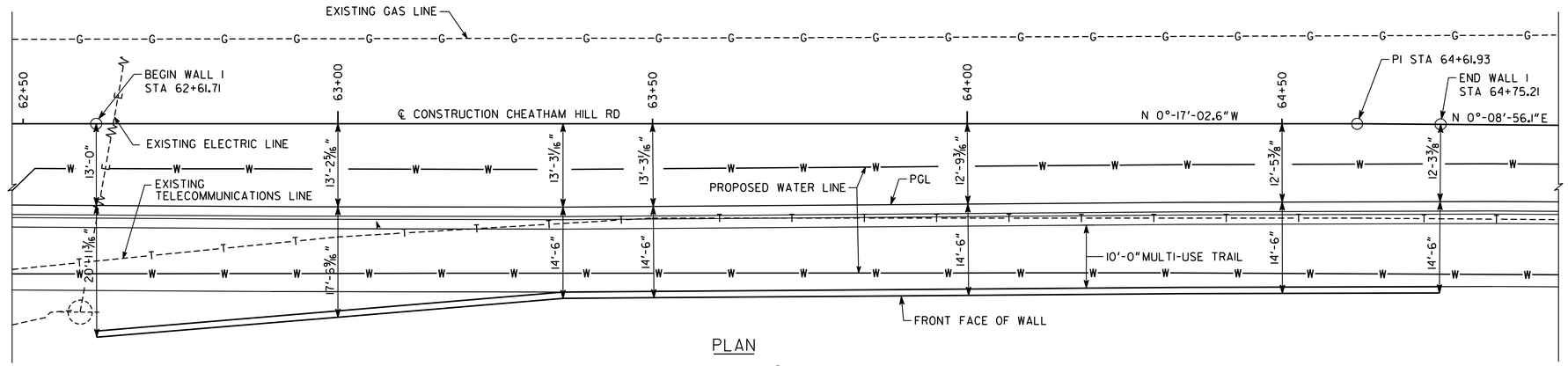
COBB COUNTY
DEPARTMENT OF TRANSPORTATION
OFFICE:

SIGNAL PLANS

BURNT HICKORY RD MIDBLOCK CROSSING
LIST OF MATERIALS

DRAWING No. 27-0007

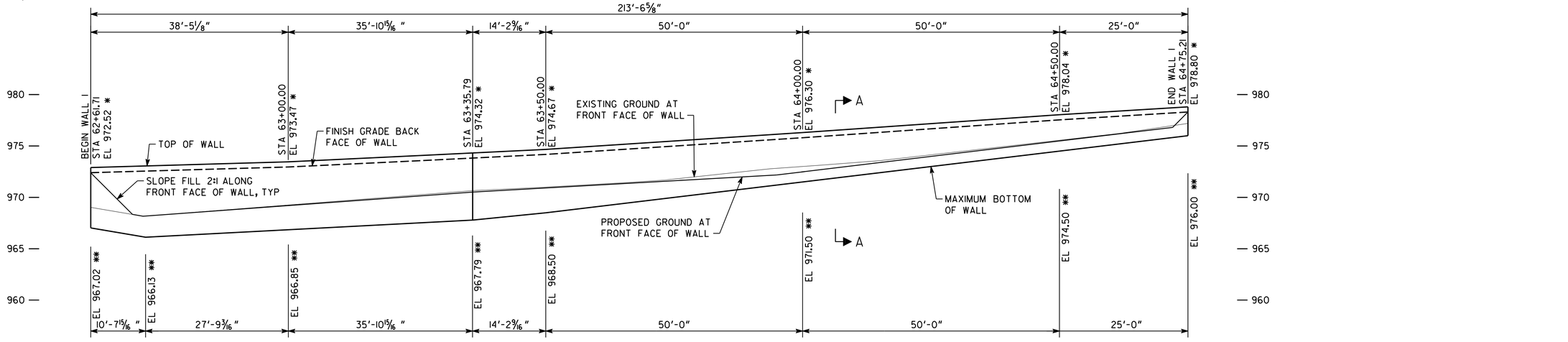
09/17/2015 GPLNOLD



PLAN

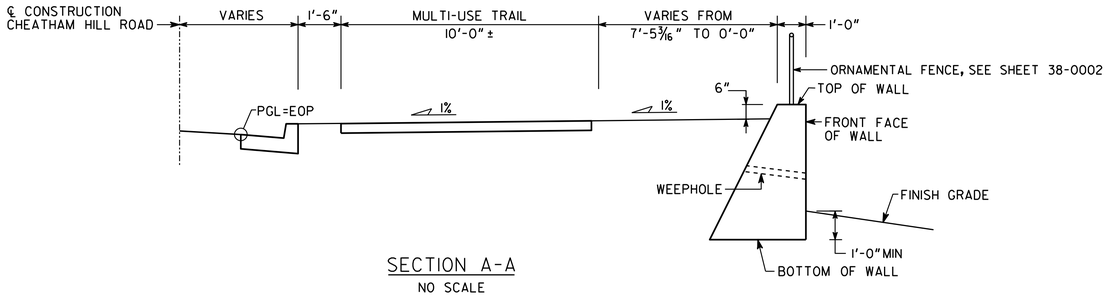
STA 63+00.00 EL 972.45 — 2.4600% — STA 63+50.00 EL 973.68 — 3.2600% — STA 64+00.00 EL 975.31 — 3.4800% — STA 64+50.00 EL 977.05 — 3.0200% — STA 65+00.00 EL 978.56

PROPOSED GRADE DATA
ALONG PGL



ELEVATION

LOOKING AT FRONT FACE OF WALL
HORIZONTAL SCALE: 1"= 10'-0"
VERTICAL SCALE: 1"= 5'-0"



SECTION A-A
NO SCALE

NOTES:

1. SEE GEORGIA STANDARD DETAIL 9031L, TYPICAL SECTION A, FOR WALL DETAILS.
2. STATIONS ARE ALONG ℄ CONSTRUCTION CHEATHAM HILL ROAD.
3. ALL LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
4. * TOP OF WALL ELEVATION.
5. ** MAX BOTTOM OF WALL ELEVATION.
6. FRONT FACE OF WALL SHALL HAVE AN ASHLAR FINISH.
7. UTILITIES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY THE LOCATIONS PRIOR TO WALL CONSTRUCTION.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

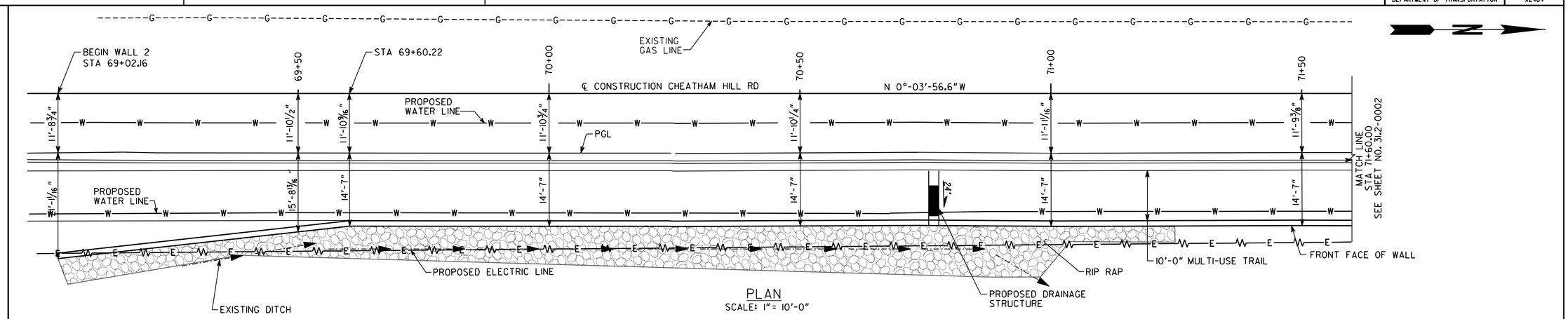
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

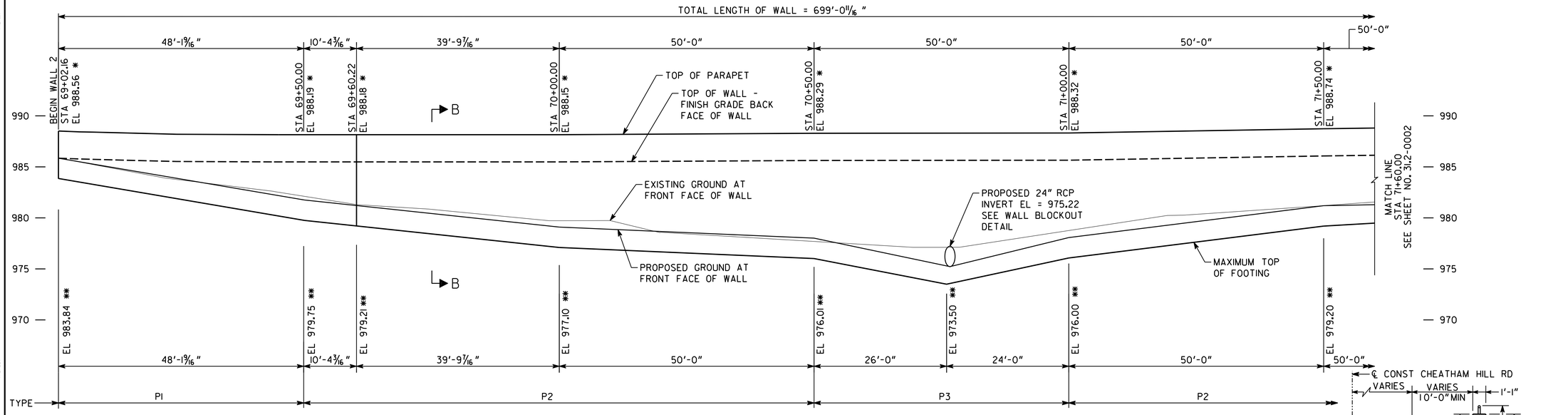
RETAINING WALL ENVELOPES
WALL 1
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		31-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN



PLAN
SCALE: 1" = 10'-0"



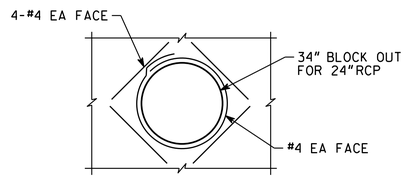
ELEVATION
LOOKING AT FRONT FACE OF WALL
HORIZONTAL SCALE: 1" = 10'-0"
VERTICAL SCALE: 1" = 5'-0"

NOTES:

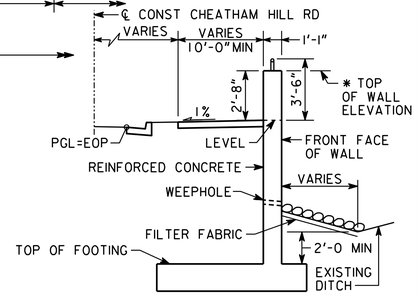
1. SEE GEORGIA SPECIAL DETAIL PRW-1, OPTION 2, FOR WALL DETAILS.
2. STATIONS ARE ALONG ℄ CONSTRUCTION CHEATHAM HILL ROAD.
3. ALL LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
4. * TOP OF PARAPET ELEVATION.
5. ** MAX BOTTOM OF WALL ELEVATION.
6. FRONT FACE OF WALL SHALL HAVE AN ASHLAR FINISH.
7. UTILITIES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY THE LOCATIONS PRIOR TO WALL CONSTRUCTION.

STA 69+00.00 EL 985.32	STA 69+50.00 EL 984.99	STA 70+00.00 EL 984.99	STA 70+50.00 EL 985.13	STA 71+00.00 EL 985.16	STA 71+50.00 EL 985.58	STA 72+00.00 EL 985.92
-0.6600%	0.0000%	0.2800%	0.0600%	0.8400%	0.6800%	1.2200%

PROPOSED GRADE DATA
ALONG PGL



WALL BLOCK OUT DETAIL
NO SCALE
* CUT VERTICAL BARS AS NEEDED.



SECTION B-B
NO SCALE

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

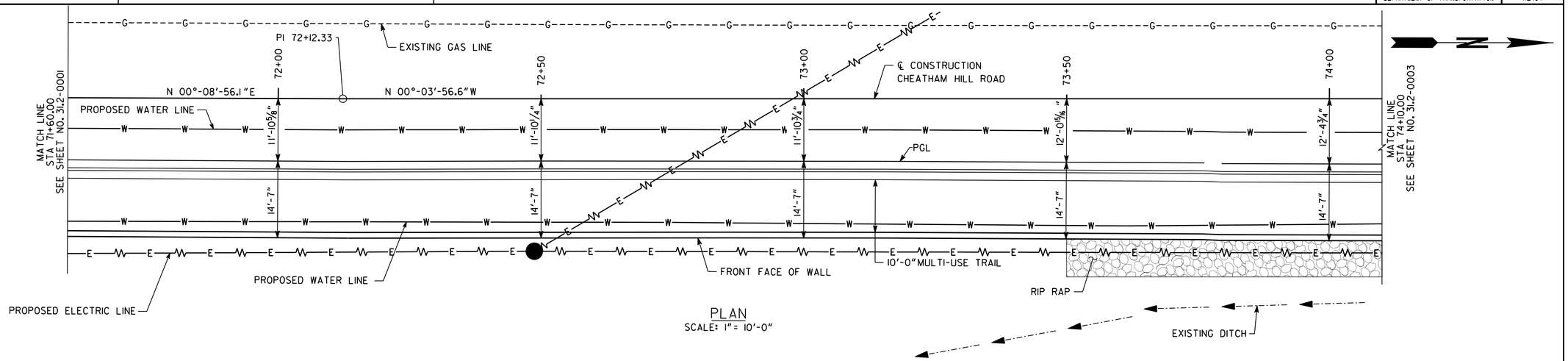
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

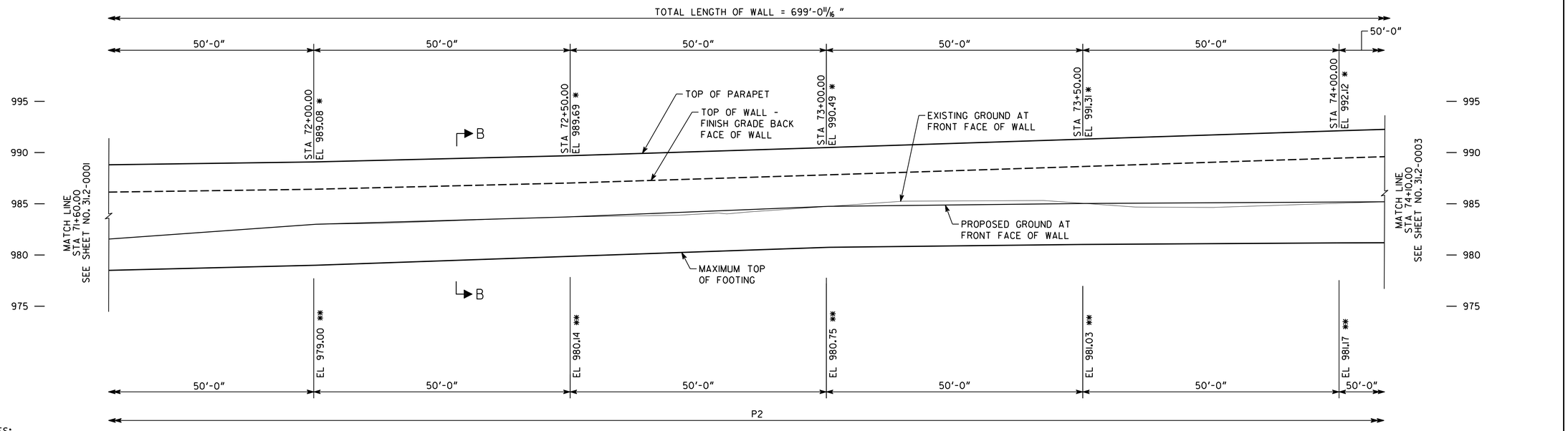
RETAINING WALL ENVELOPES
WALL 2
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	31-0002
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN



PLAN
SCALE: 1" = 10'-0"



ELEVATION
LOOKING AT FRONT FACE OF WALL
HORIZONTAL SCALE: 1" = 10'-0"
VERTICAL SCALE: 1" = 5'-0"

NOTES:

1. SEE GEORGIA SPECIAL DETAIL PRW-1, OPTION 2, FOR WALL DETAILS.
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STA 71+50.00	STA 72+00.00	STA 72+50.00	STA 73+00.00	STA 73+50.00	STA 74+00.00	STA 74+50.00
EL 985.58	EL 985.92	EL 986.53	EL 987.33	EL 988.15	EL 988.96	EL 989.80
0.6800%	1.2200%	1.6000%	1.6400%	1.6200%	1.6800%	

PROPOSED GRADE DATA
ALONG PGL

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

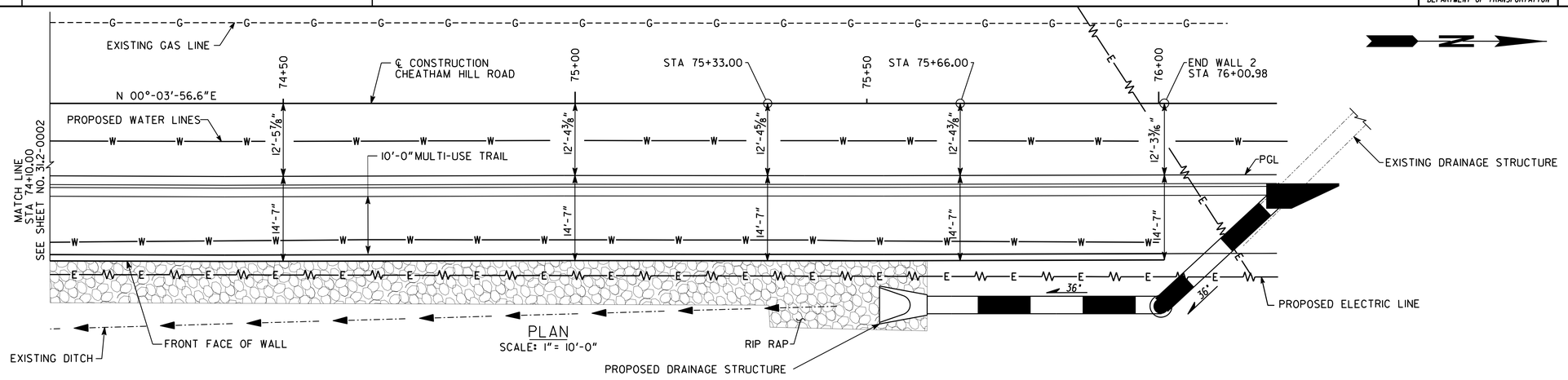
REVISION DATES

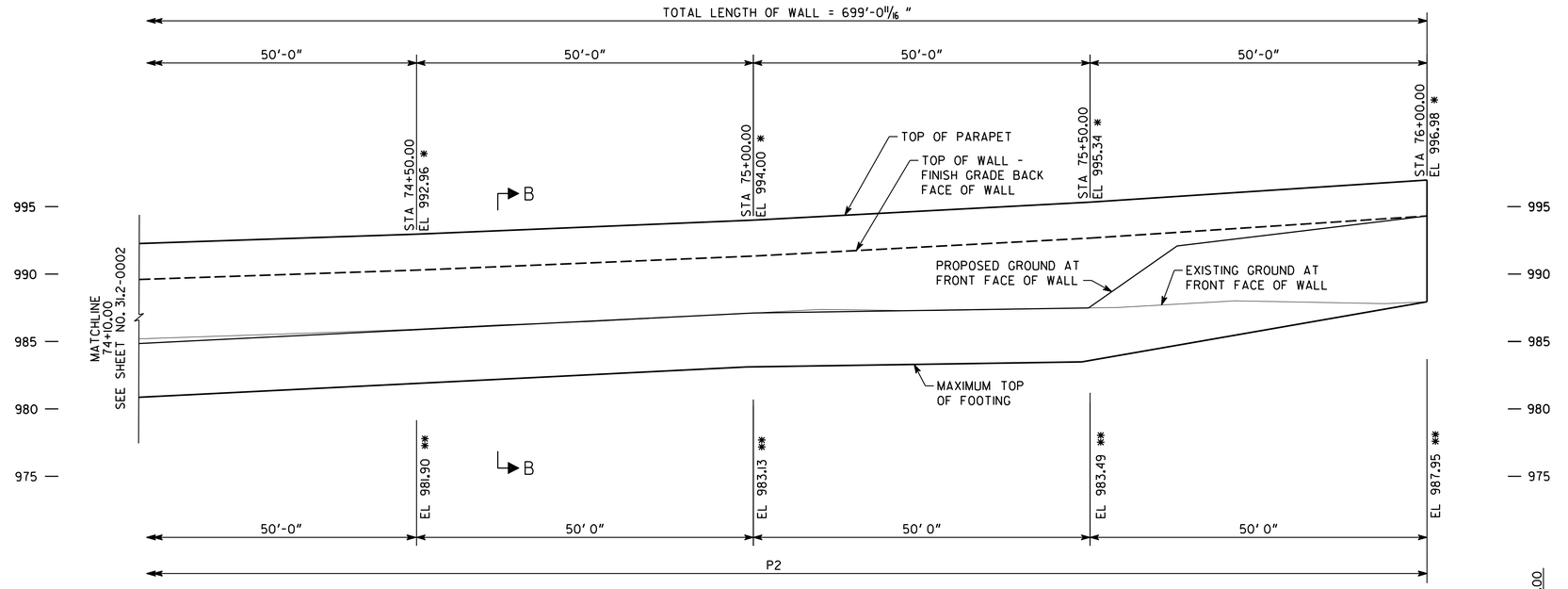
COBB COUNTY - DEPARTMENT OF TRANSPORTATION

RETAINING WALL ENVELOPES
WALL 2
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		31-0003
CORRECTED:		DATE:		
VERIFIED:		DATE:		

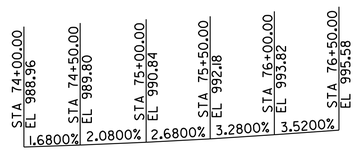
7/31/2015 GPLN





ELEVATION

LOOKING AT FRONT FACE OF WALL
HORIZONTAL SCALE: 1"= 10'-0"
VERTICAL SCALE: 1"= 5'-0"



PROPOSED GRADE DATA
ALONG PGL

NOTES:

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2. STATIONS ARE ALONG ℄ CONSTRUCTION CHEATHAM HILL ROAD.
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

RETAINING WALL ENVELOPES

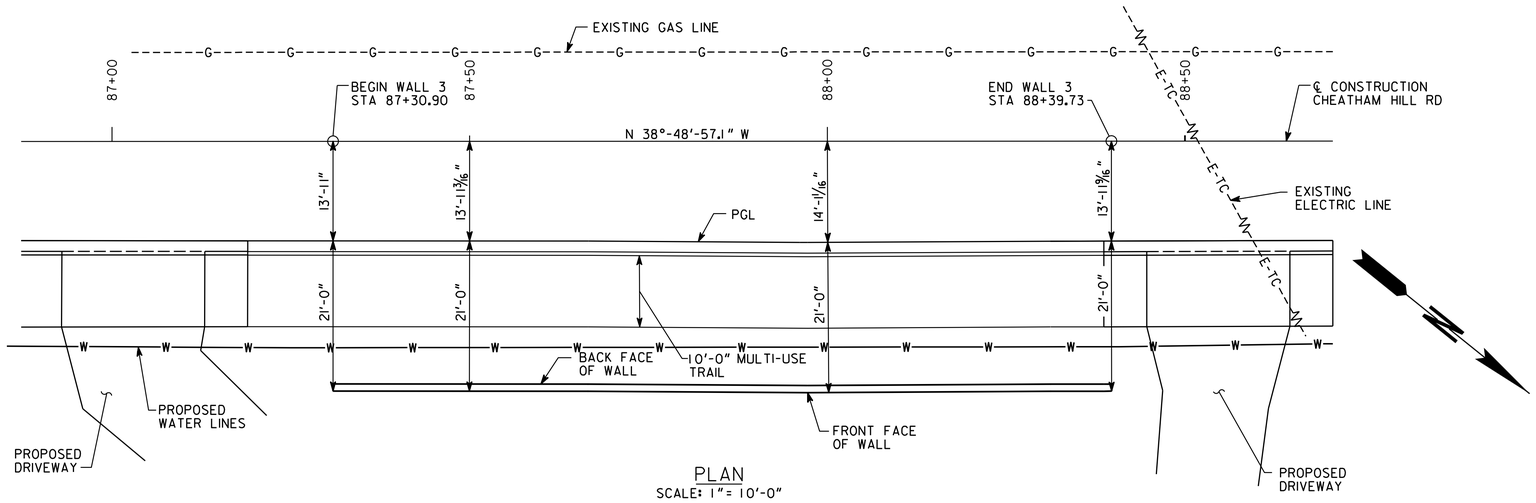
WALL 2

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

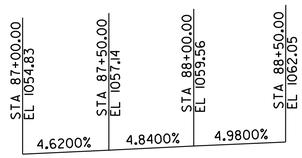
		DATE:	
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 31-0004

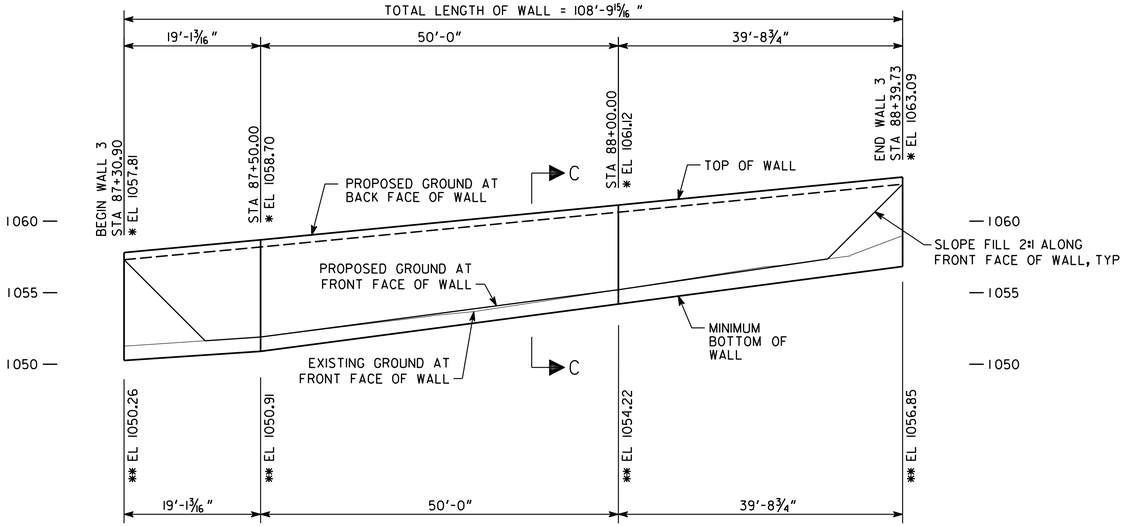
7/31/2015 GPLN



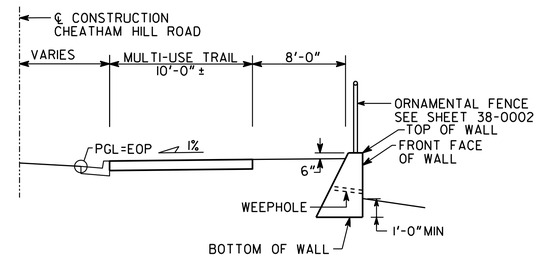
PLAN
SCALE: 1" = 10'-0"



PROFILE GRADE DATA
ALONG PGL



ELEVATION
LOOKING AT FRONT FACE OF WALL
HORIZONTAL SCALE: 1" = 10'-0"
VERTICAL SCALE: 1" = 5'-0"



SECTION C-C
NO SCALE

NOTES:

1. SEE GEORGIA STANDARD DETAIL 9031L, TYPICAL SECTION A, FOR WALL DETAILS.
2. STATIONS ARE ALONG ℄ CONSTRUCTION CHEATHAM HILL ROAD.
3. ALL LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
4. * TOP OF WALL ELEVATION.
5. ** MINIMUM BOTTOM OF WALL.
6. FRONT FACE OF WALL SHALL HAVE AN ASHLAR FINISH.
7. UTILITIES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY THE LOCATIONS PRIOR TO WALL CONSTRUCTION.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

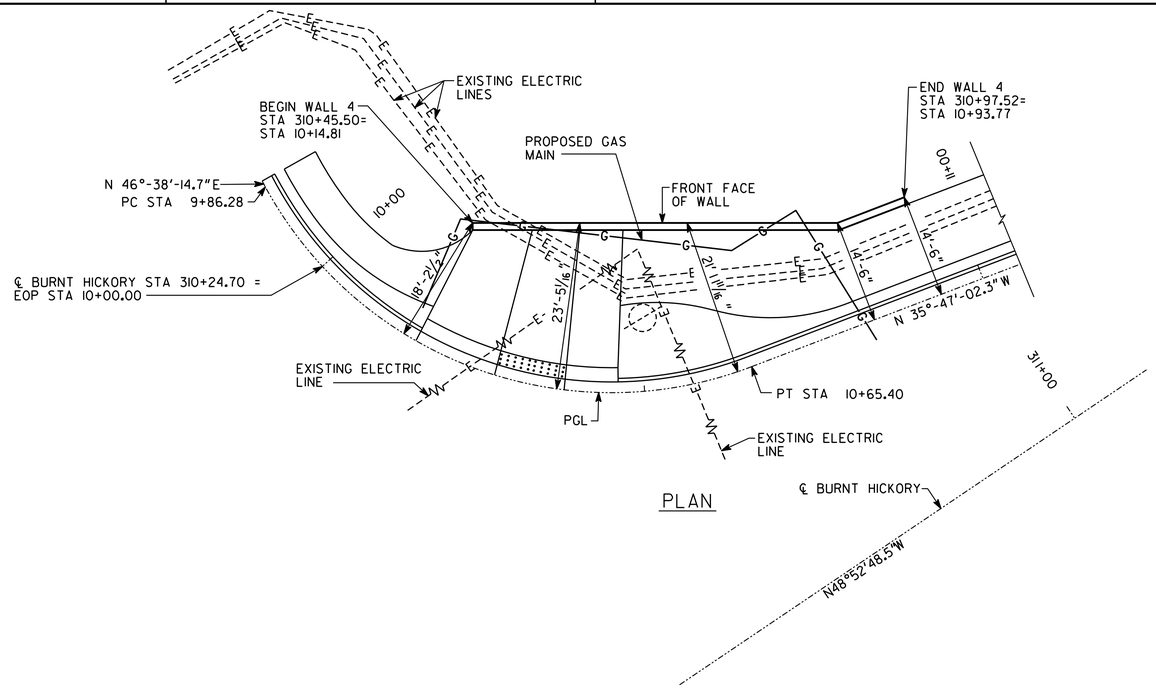
COBB COUNTY - DEPARTMENT OF TRANSPORTATION

RETAINING WALL ENVELOPES
WALL 3
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 31-0005

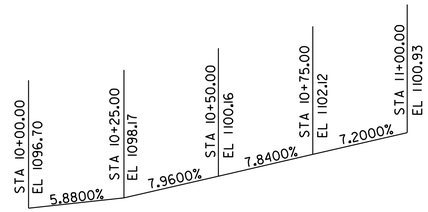
7/31/2015 GPLN



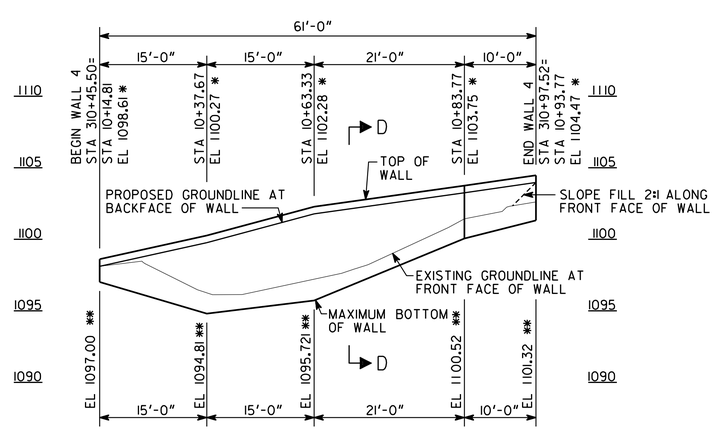
PLAN

CURVE# 1
PI STA= 10+34.44
N= 1438794.38
E= 2171233.03
DELTA= 82°-25'-17.1"(LT)
D=104°-10'-26.92"
T= 48.17
L= 79.12
R= 55.00
E= 18.11

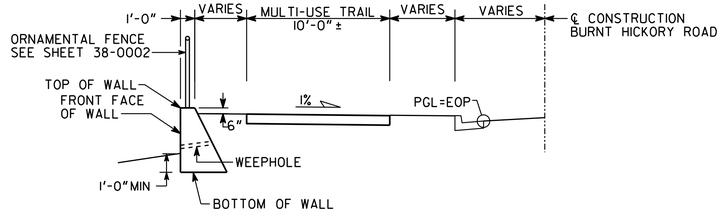
PROPOSED HORIZONTAL CURVE DATA



PROFILE GRADE DATA
ALONG PGL



ELEVATION
LOOKING AT BACK FACE OF WALL
HORIZONTAL SCALE: 1"= 10'-0"
VERTICAL SCALE: 1"= 5'-0"



SECTION D-D
NO SCALE

NOTES:

1. SEE GEORGIA STANDARD DETAIL 9031L, TYPICAL SECTION A, FOR WALL DETAILS.
2. STATIONS ARE ALONG PGL.
3. ALL LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
4. * TOP OF WALL ELEVATION.
5. ** MINIMUM BOTTOM OF WALL ELEVATION.
6. FRONT FACE OF WALL SHALL HAVE AN ASHLAR FINISH.
7. UTILITIES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY THE LOCATIONS PRIOR TO WALL CONSTRUCTION.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

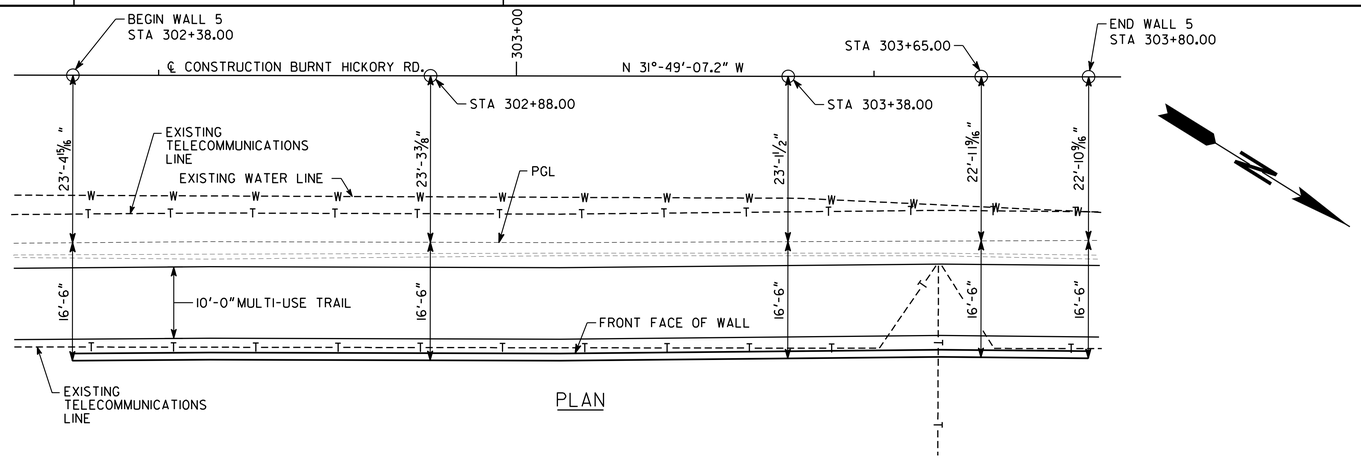
COBB COUNTY - DEPARTMENT OF TRANSPORTATION

RETAINING WALL ENVELOPES
WALL 4
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 31-0006

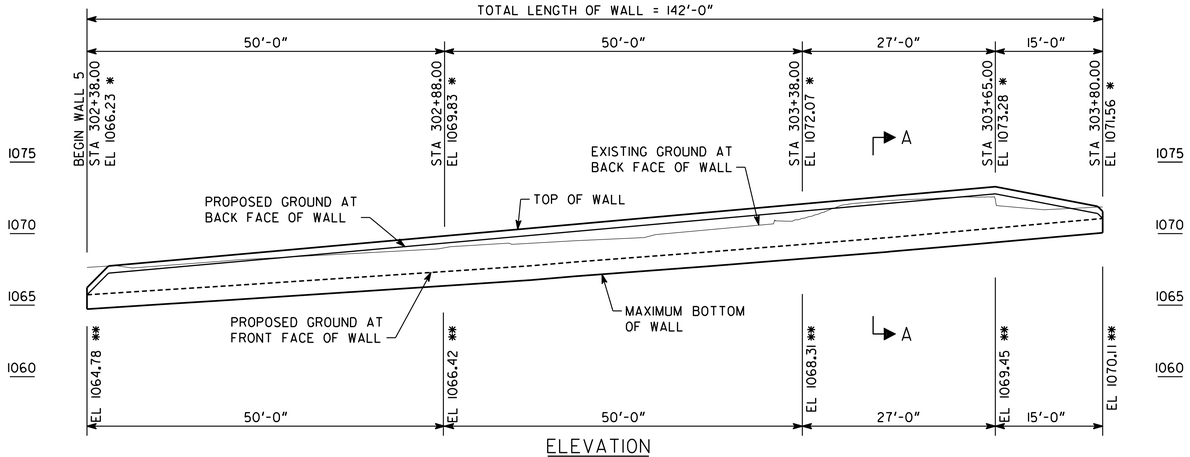
7/31/2015 GPLN



PLAN

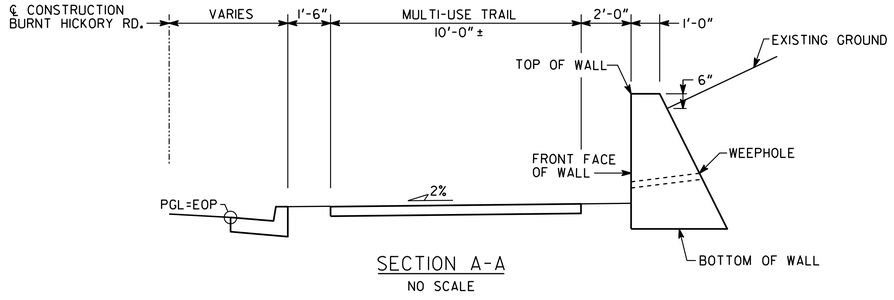
STA 302+00.00 EL 1063.85
3.2200%
STA 302+50.00 EL 1065.46
3.3000%
STA 303+00.00 EL 1067.11
3.9400%
STA 303+50.00 EL 1069.08
4.4200%
STA 304+00.00 EL 1071.29

PROPOSED GRADE DATA
ALONG PGL



ELEVATION

LOOKING AT BACK FACE OF WALL
HORIZONTAL SCALE: 1"= 10'-0"
VERTICAL SCALE: 1"= 5'-0"



SECTION A-A
NO SCALE

NOTES:

1. SEE GEORGIA STANDARD DETAIL 9031L, TYPICAL SECTION A, FOR WALL DETAILS.
2. STATIONS ARE ALONG ℄ CONSTRUCTION BURNT HICKORY ROAD.
3. ALL LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
4. * TOP OF WALL ELEVATION.
5. ** MIN BOTTOM OF WALL ELEVATION.
6. FRONT FACE OF WALL SHALL HAVE AN ASHLAR FINISH.
7. UTILITIES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY THE LOCATIONS PRIOR TO WALL CONSTRUCTION.

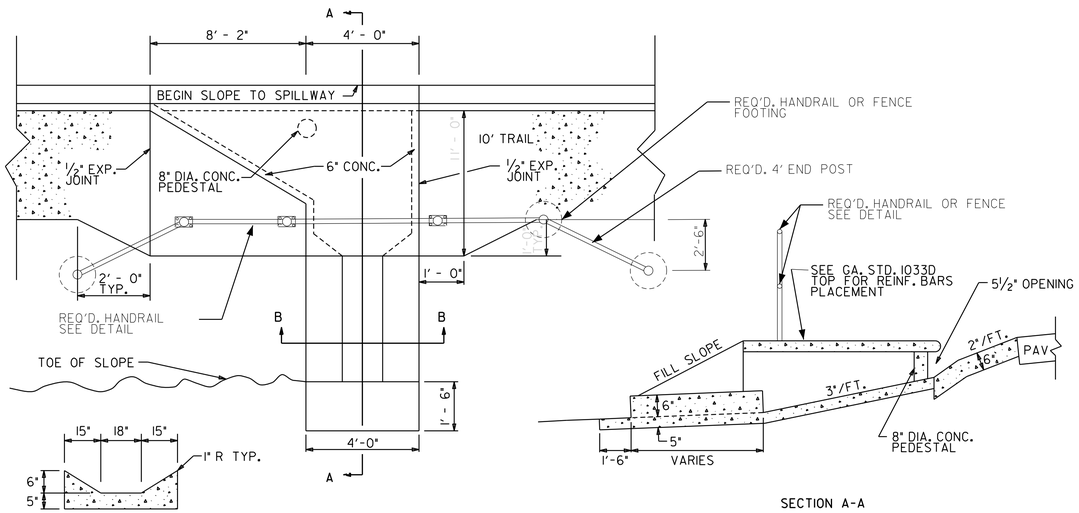
Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
RETAINING WALL ENVELOPES
WALL 5
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

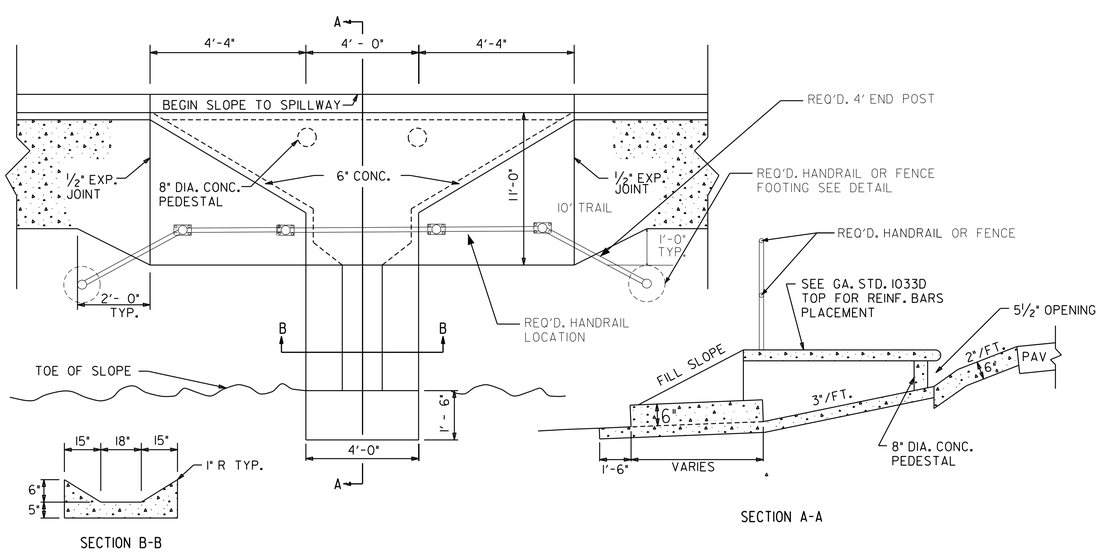
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		31-0007
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN



SECTION A-A

CONCRETE SIDEWALK SPILLWAY
N.T.S



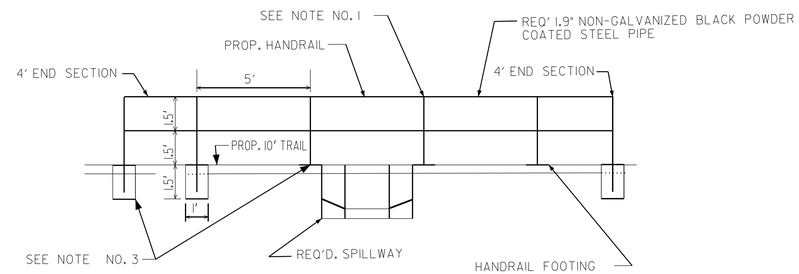
SECTION B-B

SECTION A-A

CONCRETE SIDEWALK SPILLWAY FOR USE IN LOW POINTS

N.T.S

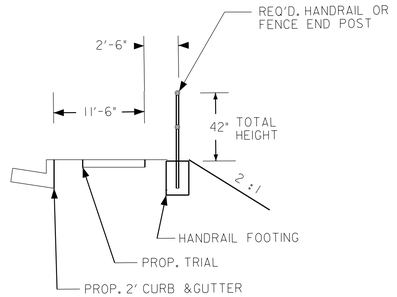
DETAIL FOR PIPE HANDRAIL ON SIDEWALK SPILLWAY



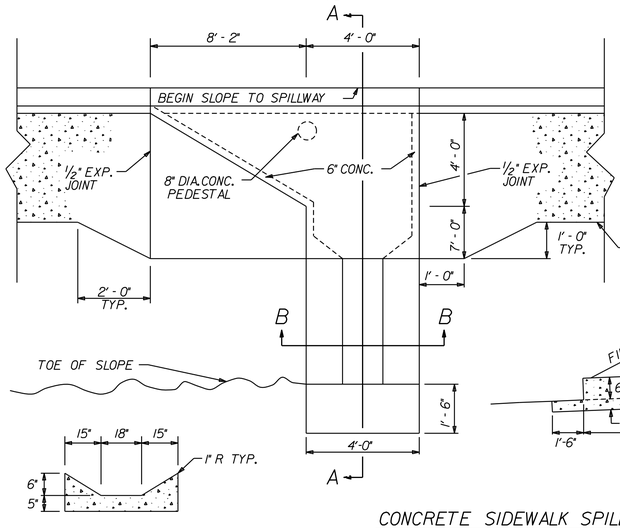
ELEVATION

1. HANDRAIL AND POST SHALL BE 1.9" NON-GALVANIZED STEEL PIPE, BLACK POWDER COATED. ASSOCIATED HARDWARE SHALL ALSO BE BLACK POWDER COATED INCLUDING TWO RAILS SPACED 21" APART.
2. JOINTS -
   A.) NON-GALVANIZED BLACK POWDER COATED STEEL FITTINGS OR COUPLINGS MAY BE USED AT JOINTS (AS SHOWN) IF RAIL IS PRE-FABRICATED.
   -OR-
   B.) IF RAIL IS CONSTRUCTED ON-SITE, JOINTS MAY BE WELDED. IF WELDED, ALL EXPOSED JOINTS SHALL BE FINISHED BY GRINDING OR FILLING TO GIVE A NEAT APPEARANCE. ALL DAMAGE TO STEEL SHALL BE REPAIRED IN ACCORDANCE WITH THE GA. STANDARD SPECIFICATIONS. JOINTS TO BE PAINTED BLACK AFTER INSTALLATION.
3. FOOTINGS -
   A.) POSTS ON SPILLWAY TO BE ANCHORED WITH 2½" X 6½" NON-GALVANIZED BLACK POWDER COATED FLOOR FLANGE WITH 4-½" X 9" NON-GALVANIZED BLACK POWDER COATED BOLTS (AS SHOWN)

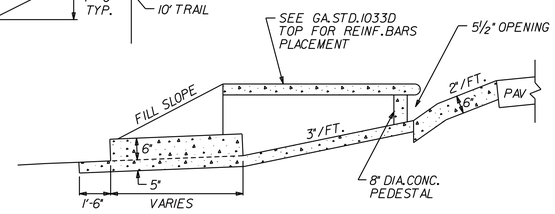
   B.) POSTS NOT CONSTRUCTED ON SPILLWAY TO HAVE SUBSTRUCTURE CONSISTING OF A MINIMUM 18" DEEP AND 12" DIAMTER HOLE. BACK FILLED (SURROUNDING THE POST) WITH 3000 PSI CONCRETE. MINIMUM 3" OF CONCRETE TO BE PROVIDED BETWEEN THE BOTTOM ON THE POST AND EXISTING UNDISTURBED SOIL.
4. 1.9" DENOTES O.D. FOR RAIL SECTIONS. I.D. - 1½".



CROSS SECTION
NOT TO SCALE



SECTION B-B



SECTION A-A

CONCRETE SIDEWALK SPILLWAY
N.T.S

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

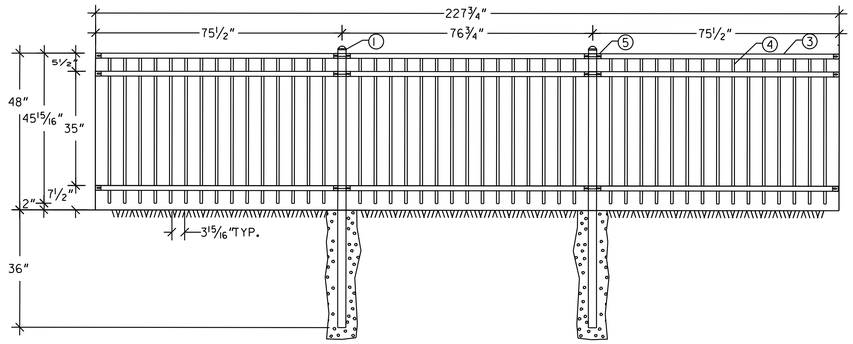
REVISION DATES		

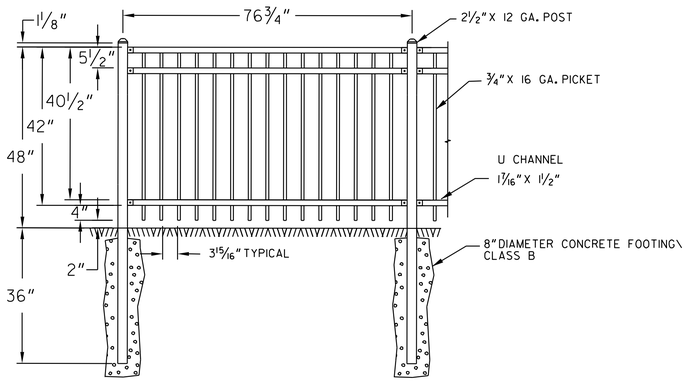
COBB COUNTY - DEPARTMENT OF TRANSPORTATION

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

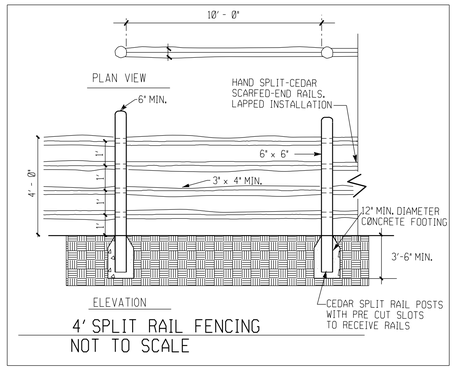
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		38-0001
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

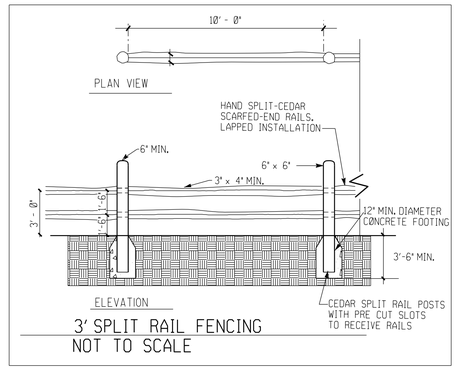




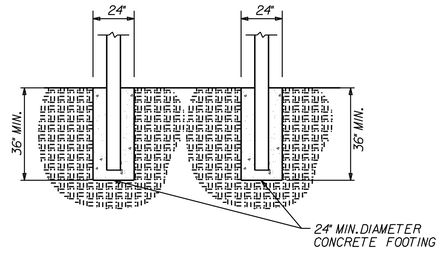
ORNAMENTAL FENCE DETAIL



4' SPLIT RAIL FENCING
NOT TO SCALE

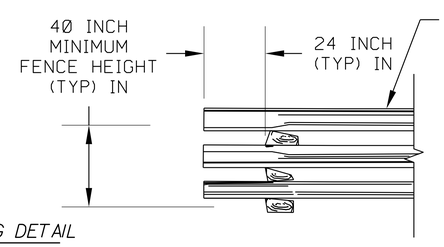


3' SPLIT RAIL FENCING
NOT TO SCALE



KENNESAW MOUNTAIN NATL PARK VISITOR CENTER & MISCELLANEOUS SIGN FOOTING DETAIL
N.T.S

NOTE:
1. FOOTING DETAIL IS TO BE USED FOR KENNESAW MOUNTAIN NATIONAL PARK VISITOR CENTER & MISCELLANEOUS SIGNS.
2. SIGN SHALL BE LOCATED WITH 2'-0"CLEAR AREA FROM EDGE OF TRAILWAY TO OUTSIDE EDGE OF SIGN.

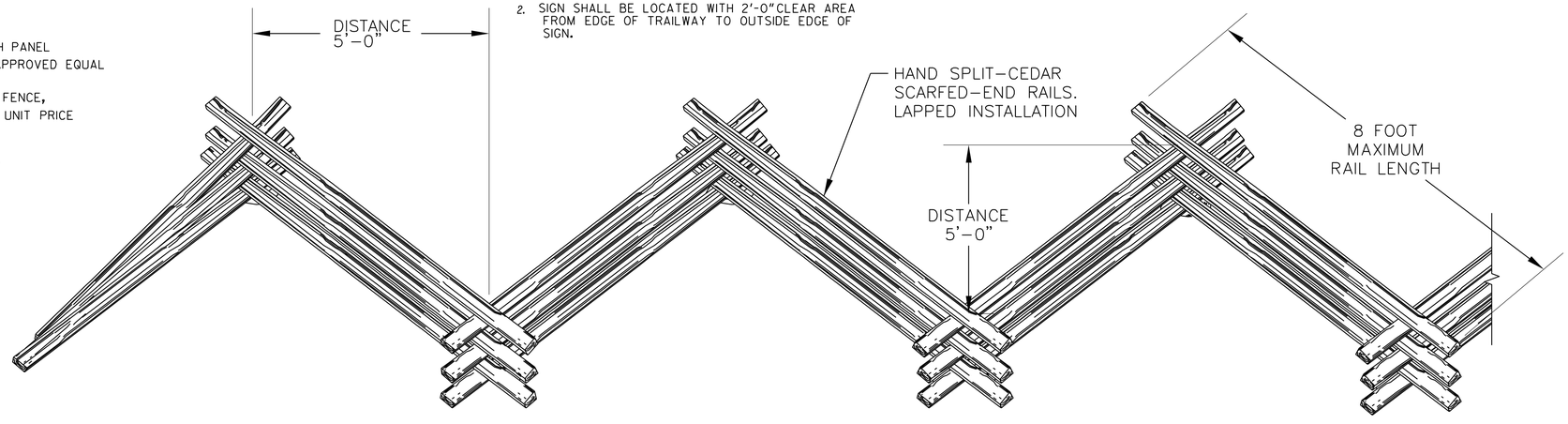


TYPICAL SPLIT RAIL SECTION

NOTES:

1. RACKABLE WELDED¾"MAJESTIC 4' TALL 3-RAIL X 6' NOMINAL LENGTH PANEL FENCE BY AMERISTAR, JERITH, DELGARD, MONTAGE OR DEPARTMENT APPROVED EQUAL MONTAGE PLUS ATF MAJESTIC STYLE, COLOR BLACK
   ALL INCIDENTAL ITEMS ASSOCIATED WITH THE INSTALLATION OF THE FENCE, INCLUDING ATTACHING FENCE TO WALL, SHOULD BE INCLUDED IN THE UNIT PRICE FOR THE FENCE.
2. ALL PROPOSED FENCE SHOWN IN THE PLANS SHALL BE ORNAMENTAL FENCE AS SHOWN HERE UNLESS NOTED OTHERWISE

1. 2½"X 12 GA. POST
2. NOT USED
3. ¾"X 16 GA. PICKET
4. U CHANNEL 1⁷⁄₁₆"X 1½"
5. BB112 BRACKET



STACKED RAIL (WORM) FENCE DETAIL

7/31/2015 GPLN

Heath & Lineback Engineers
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2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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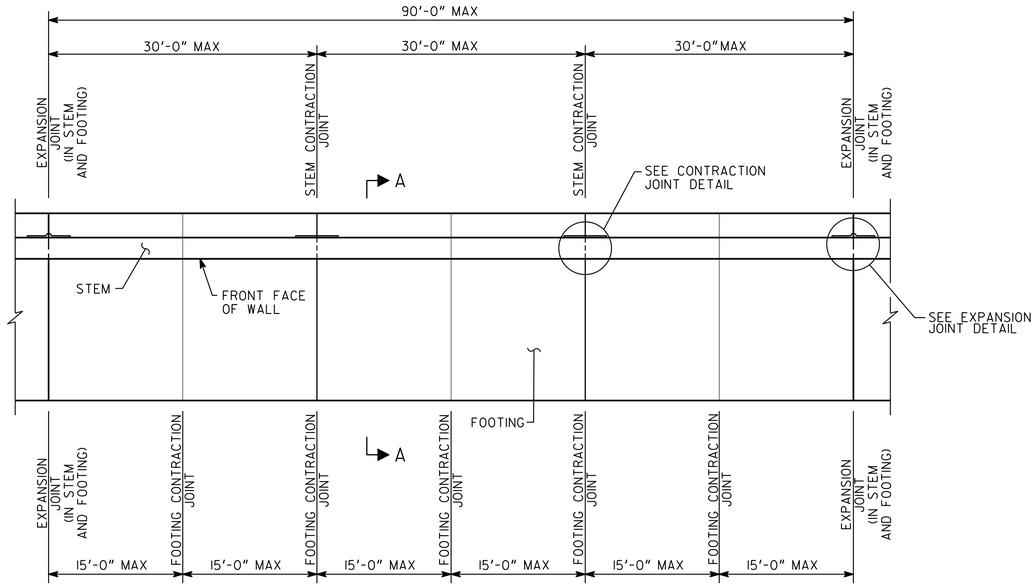
CORRECTED:		DATE:	
VERIFIED:		DATE:	

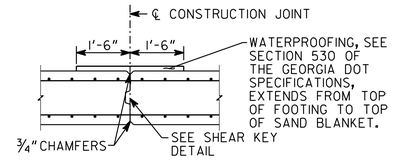
DRAWING No. 38-0002



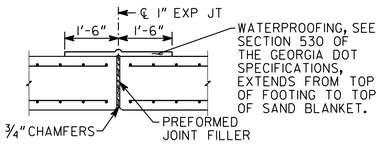
PLAN
NO SCALE

DESIGN DATA

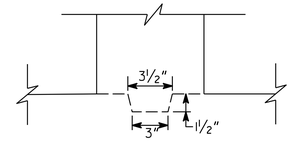
SPECIFICATIONS ---------- AASHTO LRFD 7TH EDITION, 2014
CONCRETE: ---------- CLASS A, f'_c = 3,000 PSI
REINFORCEMENT STEEL: ---------- GRADE 60, f_y = 60,000 PSI
ANGLE OF INTERNAL FRICTION: ---------- 28°
COHESION: ---------- 0
SOIL WEIGHT: ---------- 120 PCF



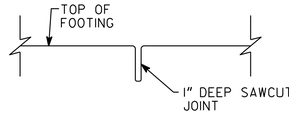
STEM CONTRACTION JOINT DETAIL
NO SCALE



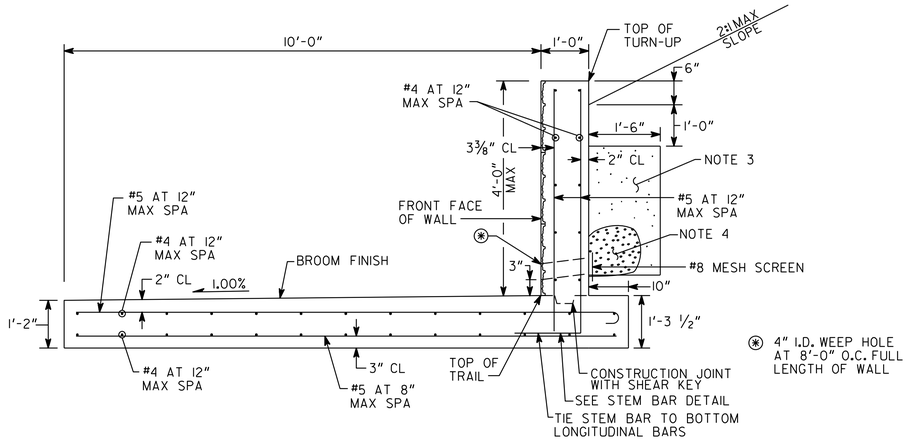
EXPANSION JOINT DETAIL
NO SCALE



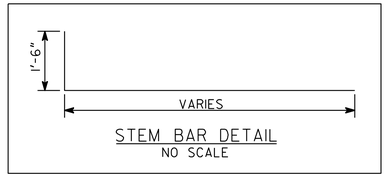
SHEAR KEY DETAIL
NO SCALE
SHEAR KEY IN FOOTING SHOWN.
STEM CONTRACTION JOINTS SIMILAR.



FOOTING CONTRACTION DETAIL
NO SCALE



SECTION A-A
NO SCALE



STEM BAR DETAIL
NO SCALE

NOTES:

1. SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2013 EDITION, AND 2016 SUPPLEMENTAL SPECIFICATIONS AS MODIFIED BY CONTRACT DOCUMENTS.

2. MAINTAIN 2 INCH MINIMUM CLEARANCE ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.

3. CONTINUOUS BLANKET OF FINE AGGREGATE UNDERDRAIN MATERIAL CONSISTING OF NO. 10 CONCRETE SAND MEETING REQUIREMENTS OF SUB-SECTION 801.02 OF THE GEORGIA DOT SPECIFICATIONS, OR OTHER AGGREGATE WITH A COEFFICIENT OF PERMEABILITY EQUAL TO 100 TO 500 FEET PER DAY.

4. 1 CU. FT. NO. 89 OR 789 STONE CONTAINED IN A BURLAP BAG TO BE PLACED AT EACH WEEPHOLE.

5. FRONT FACE OF WALL SHALL HAVE AN ASHLAR FINISH.

6. APPLY A GRAFFITI PROOF COATING AS PER SECTION 535 TO ALL EXPOSED CONCRETE SURFACES ON THE STEM.

7. CONCRETE, REINFORCING STEEL, WATERPROOFING, ANTI-GRAFFITI COATING AND OTHER INCIDENTAL ITEMS SHALL BE INCLUDED IN THE PRICE BID FOR CLASS A CONCRETE, INCL REINF STEEL.

8. LAP LENGTH FOR #5 BAR SHALL BE 2'-2" MINIMUM.

9. LAP LENGTH FOR #4 BAR SHALL BE 1'-9" MINIMUM.

10. SEE TURN-UP ENVELOPES ON SHEET 38-0004.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		38-0003
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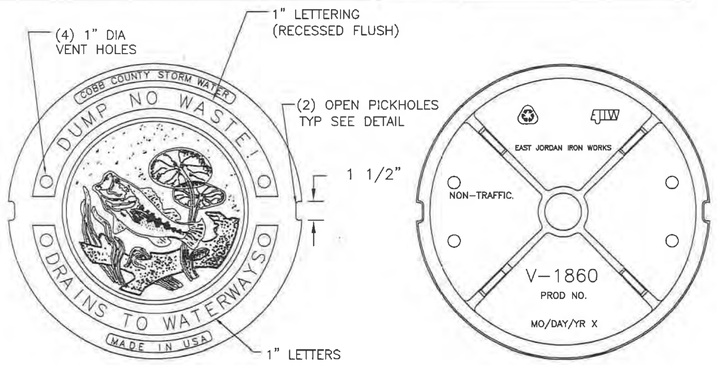
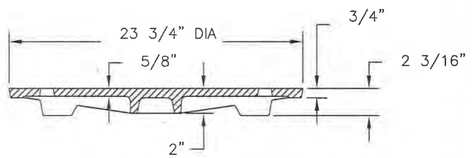
VERIFIED:		DATE:		

7/31/2015 GPLN

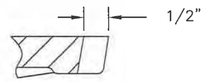
V-1860 COVER



BOTTOM VIEW



COVER SECTION



OPEN PICKHOLE DETAIL

PRODUCT NUMBER
41860040

DESIGN FEATURES
MATERIALS
COVER-GRAY IRON ASTM A48 CL35B
DESIGN LOAD
HEAVY DUTY
COATING
UNDIPPED
OPEN AREA
N/A
√ **DESIGNATES MACHINED SURFACE**

Corporate Headquarters
301 Spring Street
PO Box 439
East Jordan, MI
49727-0439
800.874.4100
EJ GROUP

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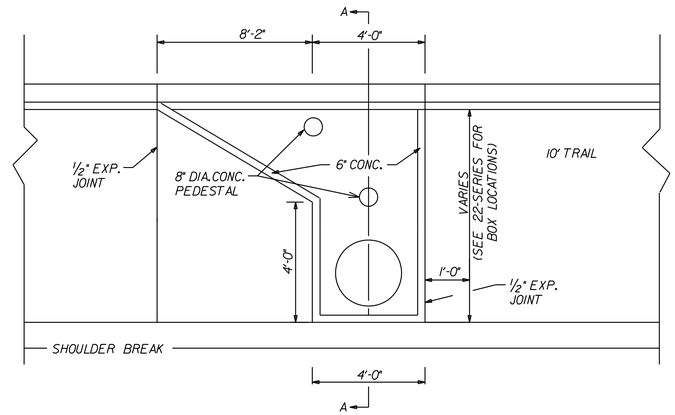
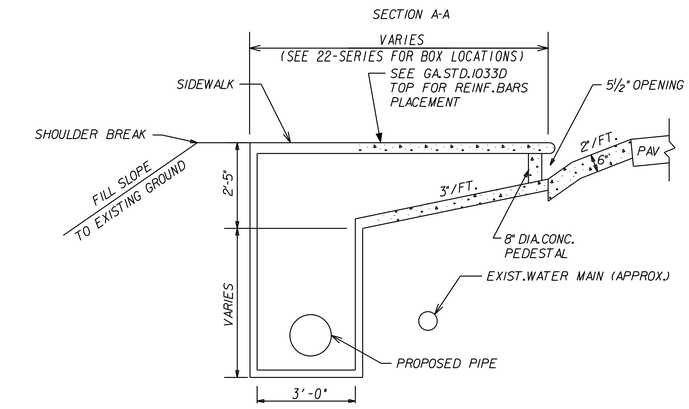
DRAWING DETAILS
ORIGINAL DRAWING: DEW 02/08/06
REVISED BY: DEF 02/05/10





SPECIAL DESIGN RECESSED CATCH BASIN
N.T.S

NOTE:
ALL COST ASSOCIATED WITH THE SPECIAL DESIGN RECESSED CATCH BASIN SHALL BE INCLUDED IN THE COST FOR BID FOR STANDARD GDOT 1033 AND 1034 CATCH BASINS.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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VERIFIED: DATE:

DRAWING No. 38-0004

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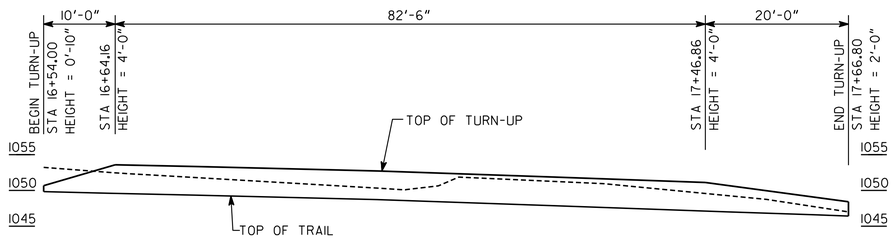
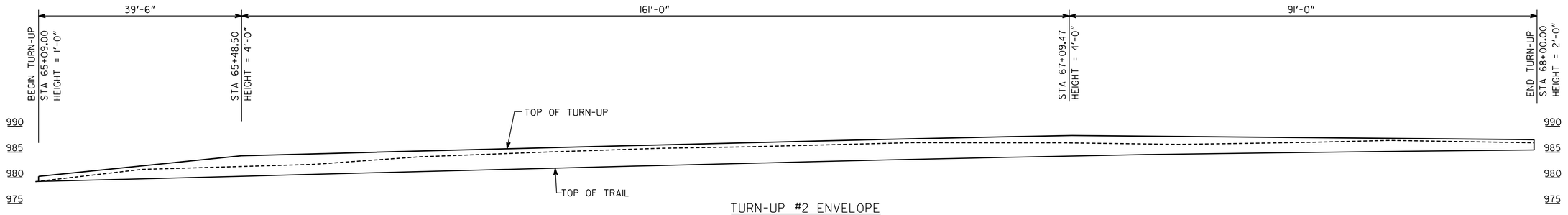


TURN-UP #1 ENVELOPE



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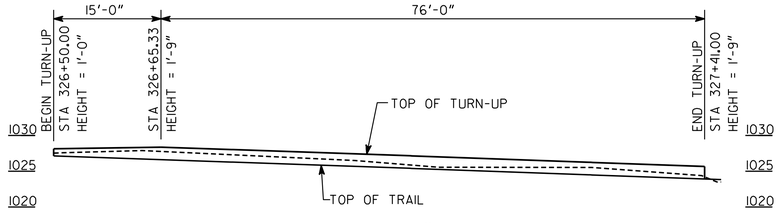

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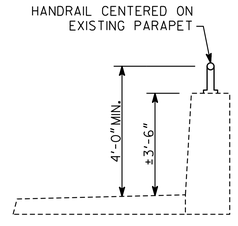
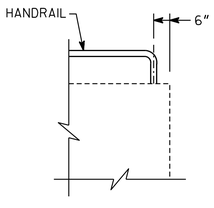


EXISTING PARAPET AND HANDRAIL DETAIL
NO SCALE

CONTRACTOR SHALL TAKE CARE TO PROTECT EXISTING STIRRUPS. ANY DAMAGE TO THE EXISTING PARAPET SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.

PAID FOR UNDER GALV STEEL PIPE HANDRAIL, 2 IN, ROUND - EXISTING PARAPET HANDRAIL



DETAIL AT EXISTING PARAPET END
NO SCALE

SEE GA. STD. 9031-R AND GA. SPL DETAIL PRW-1 FOR HANDRAIL DETAILS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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COBB COUNTY - DEPARTMENT OF TRANSPORTATION

TURN-UP ENVELOPES
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DRAWING No. 38-0005

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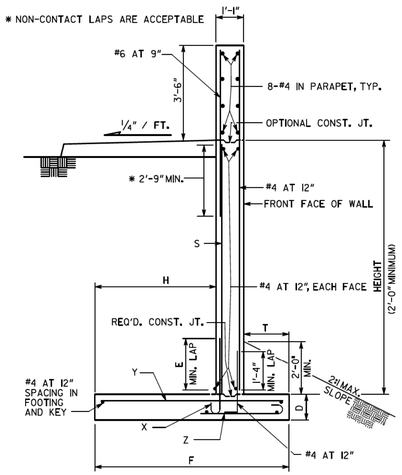
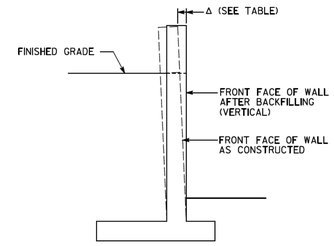
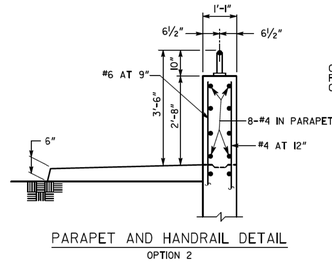


TYPICAL WALL SECTION
(PARAPET OPTION 1 SHOWN)

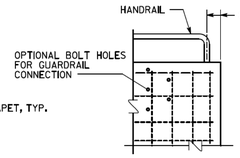


WALL BATTER DETAIL

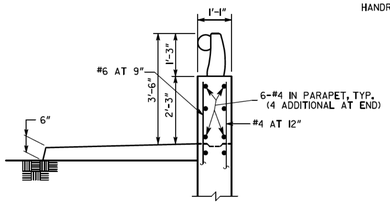
MAX. HEIGHT	WALL DIMENSIONS					REINFORCEMENT				Δ (INCHES)	REQUIRED NOMINAL RESISTANCE	TYPE
	D	E	F	H	T	S	X	Y	Z			
6'	1'-0"	1'-4"	6'-8"	4'-1"	1'-6"	#4 AT 8"	#4 AT 8"	#4 AT 8"	#4 AT 18"	0"	3.5 KSF	P1
8'	1'-0"	1'-4"	7'-3"	5'-2"	1'-0"	#4 AT 7"	#4 AT 7"	#5 AT 7"	#4 AT 18"	1/8"	4.5 KSF	P2
10'	1'-3"	1'-8"	8'-6"	6'-5"	1'-0"	#5 AT 7"	#5 AT 7"	#5 AT 7"	#4 AT 18"	1/4"	5.5 KSF	
12'	1'-3"	2'-0"	10'-0"	7'-8"	1'-3"	#6 AT 7"	#6 AT 7"	#6 AT 7"	#4 AT 18"	5/16"	6.0 KSF	P3
14'	1'-3"	2'-8"	11'-7"	8'-6"	2'-0"	#7 AT 6"	#7 AT 6"	#7 AT 6"	#4 AT 12"	11/16"	6.0 KSF	



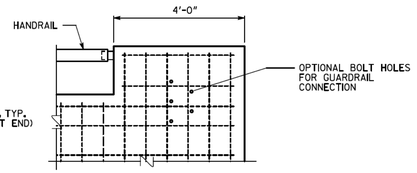
PARAPET AND HANDRAIL DETAIL
OPTION 2



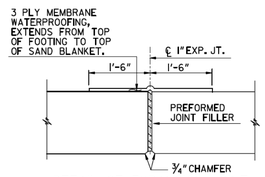
DETAIL AT WALL END
OPTION 2
SEE GA. STD. 9031-R FOR HANDRAIL DETAILS.



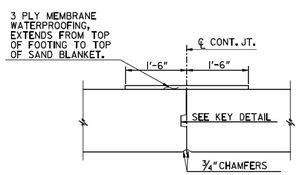
PARAPET AND HANDRAIL DETAIL
OPTION 3



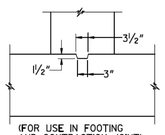
DETAIL AT WALL END
OPTION 3
SEE GA. STD. 3626 FOR HANDRAIL DETAILS.



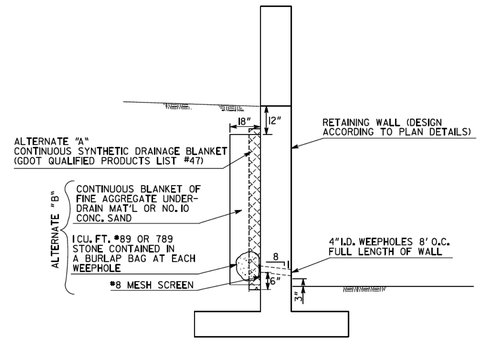
DETAIL OF EXPANSION JOINT



DETAIL OF CONTRACTION JOINT



(FOR USE IN FOOTING AND CONTRACTION JOINT)
SHEAR KEY DETAIL



DRAINAGE DETAILS

GENERAL NOTES:

1. SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION, AND SUPPLEMENTS THERETO.
2. CONCRETE SHALL BE CLASS "A". REINFORCING STEEL SHALL BE GRADE 60.
3. DRAINAGE DETAIL ALTERNATES A OR B, PER THE DETAIL ON THIS SHEET, ARE REQUIRED FOR TYPE P1, P2, AND P3 RETAINING WALLS.
4. MAINTAIN 2" COVER ON ALL REINFORCING IN STEM AND BARRIER AND 3" COVER IN FOOTING. USE OF FORMLINERS PER THE CONTRACT WILL REQUIRE OVERALL STEM AND PARAPET WIDTHS TO BE INCREASED TO MAINTAIN COVER.
5. EXPOSED CONCRETE SURFACES SHALL RECEIVE A TYPE III FINISH UNLESS A FORMLINER IS REQUIRED PER THE CONTRACT.
6. APPLY A GRAFFITI PROOF COATING AS PER SECTION 838 TO ALL EXPOSED CONCRETE SURFACES.
7. PARAPET OPTION 1 SHALL BE USED UNLESS OPTIONS 2 OR 3 ARE SPECIFIED IN THE CONTRACT. OPTIONS 2 AND 3 SHALL NOT BE USED FOR DESIGN SPEEDS GREATED THAN 45 MPH.
8. EXPANSION JOINTS SHALL BE SPACED UNIFORMLY AT A MAXIMUM SPACING OF 90'-0" AND EXTEND THROUGH THE PARAPET, STEM AND FOOTING. CONTRACTION JOINTS SHALL BE LOCATED AT A MAXIMUM SPACING OF 20'-0" AND EXTEND THROUGH THE PARAPET AND STEM.
9. EXPANSION AND CONTRACTION JOINTS IN TYPE P1, P2, AND P3, RETAINING WALLS SHALL BE WATERPROOFED ON THE BACK SIDE. WATERPROOFING SHALL BE 3-PLY AND EXTEND FROM 1'-0" BELOW FINISH GRADE TO TOP OF FOOTING FOR 1'-6" MIN. EACH SIDE OF JOINT.
10. TYPE P1, P2, AND P3 RETAINING WALLS SHALL BE PAID FOR PER LINEAR FOOT AS CLASS A CONCRETE, (TYPE) RETAINING WALL. INCLUDE COSTS FOR HANDRAIL, WATERPROOFING, EXCAVATON, BACKFILLING, CONCRETE, REINFORCING STEEL AND ALL INCIDENTALS IN THE PRICE BID.
11. TYPE P1, P2, AND P3 RETAINING WALLS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2014 AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
12. RETAINING WALLS DESIGNED FOR THE FOLLOWING SOIL PROPERTIES:

	FOUNDATION	BACKFILL
COHESION =	0 KSF	0 KSF
Φ =	28°	28°
UNIT WT. =	0.120 KCF	0.120 KCF

13. WIRE FABRIC REINFORCING OR ALTERNATE REBAR SIZE/SPACING MAY BE USED IF DETAILS ARE SUBMITTED TO & APPROVED BY THE ENGINEER PRIOR TO USE.
14. WHERE GUARDRAIL ATTACHMENT IS REQUIRED, PAYMENT FOR THE FIVE 1" DIAM. HOLES, PROPERLY LOCATED FOR CONNECTING THE SPECIAL END SHOE SHALL BE INCLUDED IN THE PRICE BID FOR CLASS A CONCRETE, (TYPE), RETAINING WALL BASED ON STEM HEIGHT REQUIRED. SHIFT PARAPET REINFORCING TO MISS BOLT HOLES AS REQUIRED.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

SPECIAL DETAIL

PARAPET RETAINING WALL
TYPES P1, P2, AND P3

NO SCALE DECEMBER 2017

REVISION	BY	DATE
	DES. DDF	(SUBMITTED) STATE DESIGN POLICY ENGINEER
	DRW. DDF	
	CHK. CEW	(APPROVED) CHIEF ENGINEER
	REV. WMD/BAS	

NUMBER PRW-1

7/31/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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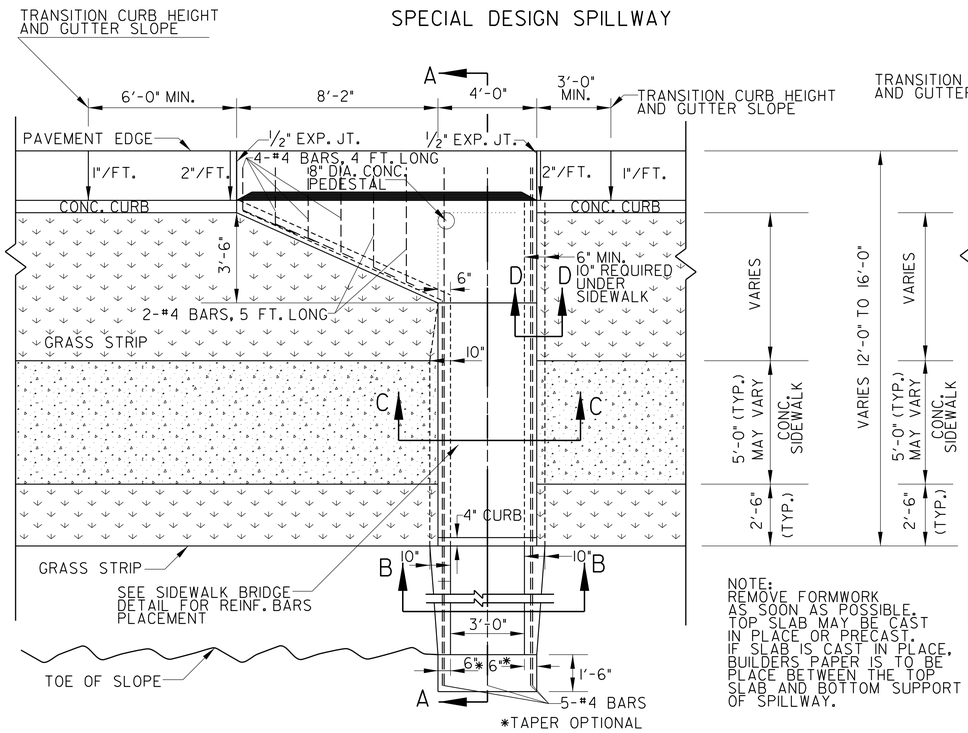
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

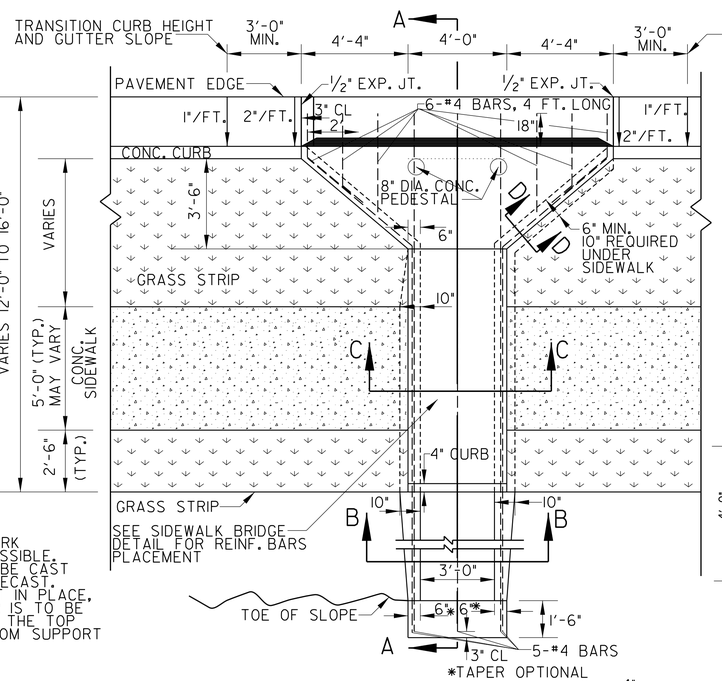
DRAWING No. 38-0006

SPECIAL DESIGN SPILLWAY

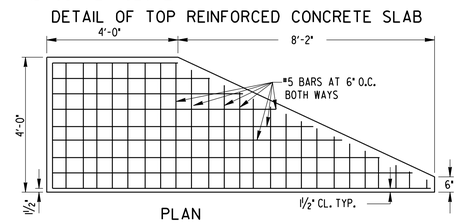


NOTE:
REMOVE FORMWORK AS SOON AS POSSIBLE. TOP SLAB MAY BE CAST IN PLACE OR PRECAST. IF SLAB IS CAST IN PLACE, BUILDERS PAPER IS TO BE PLACE BETWEEN THE TOP SLAB AND BOTTOM SUPPORT OF SPILLWAY.

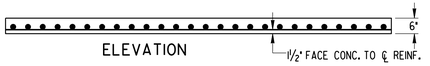
SPECIAL DESIGN SPILLWAY LOW POINT

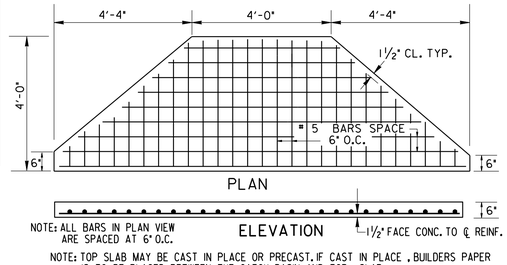


DETAIL OF TOP REINFORCED CONCRETE SLAB



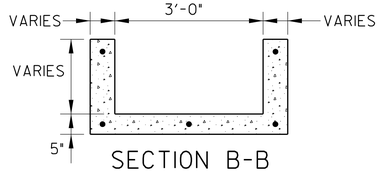
NOTE: ALL BARS IN PLAN VIEW ARE SPACED AT 6" O.C.



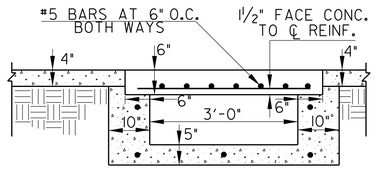


NOTE: ALL BARS IN PLAN VIEW ARE SPACED AT 6" O.C.

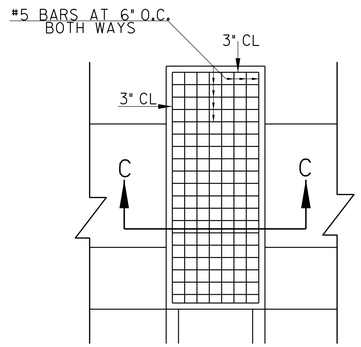
NOTE: TOP SLAB MAY BE CAST IN PLACE OR PRECAST. IF CAST IN PLACE, BUILDERS PAPER IS TO BE PLACED BETWEEN THE CATCH BASIN AND TOP SLAB.

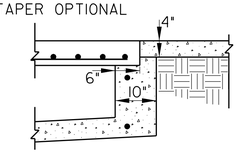


SECTION B-B

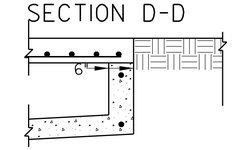


SECTION C-C

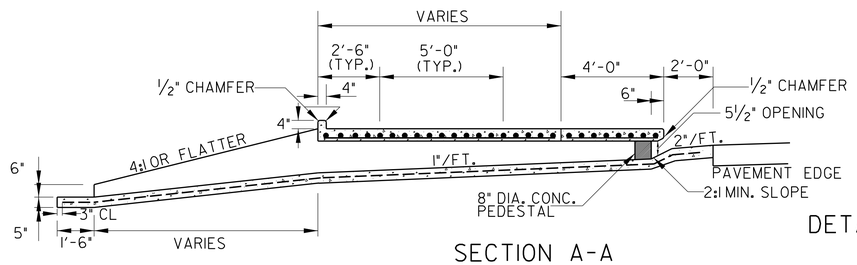




SIDEWALK ADJACENT TO SPILLWAY
SECTION D-D



GRASS ADJACENT TO SPILLWAY
SECTION D-D



SECTION A-A

DETAIL OF SIDEWALK BRIDGE REINFORCED CONCRETE DETAIL

GENERAL NOTE

1. SEE GEORGIA STANDARD 1033D AND 1034D FOR ADDITIONAL INFORMATION ON CATCH BASIN TOP AND FORMING THE TRANSITION OF THE GUTTER.
2. CAST IRON MANHOLE RING AND COVER NOT REQUIRED.
3. CLASS "A" CONCRETE REQUIRED FOR ALL REINFORCED TOP SLABS. BOTTOM SECTION MAY BE CLASS "B" OR CLASS "A".

MEASUREMENT: SPECIAL DESIGN SPILLWAY UNDER SIDEWALK WILL BE MEASURED BY THE UNIT.

PAYMENT: SPECIAL DESIGN SPILLWAY UNDER SIDEWALK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR EACH.

PAYMENT WILL BE MADE UNDER:
ITEM NO. 441, CONC. SPILLWAY, SPEC DES.

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
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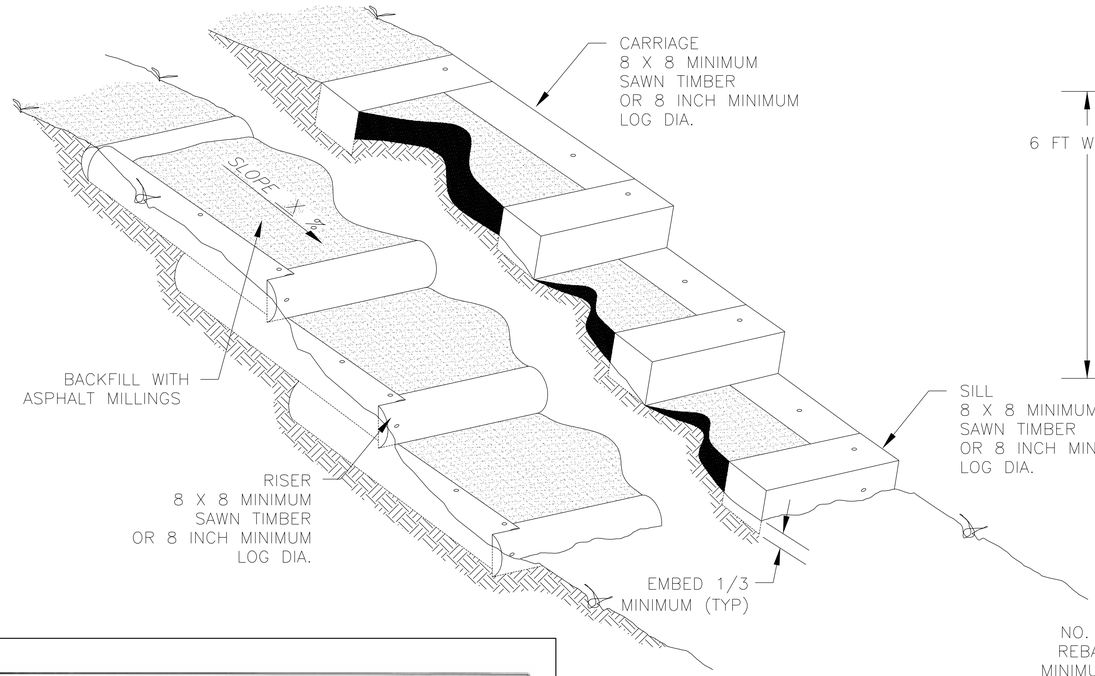
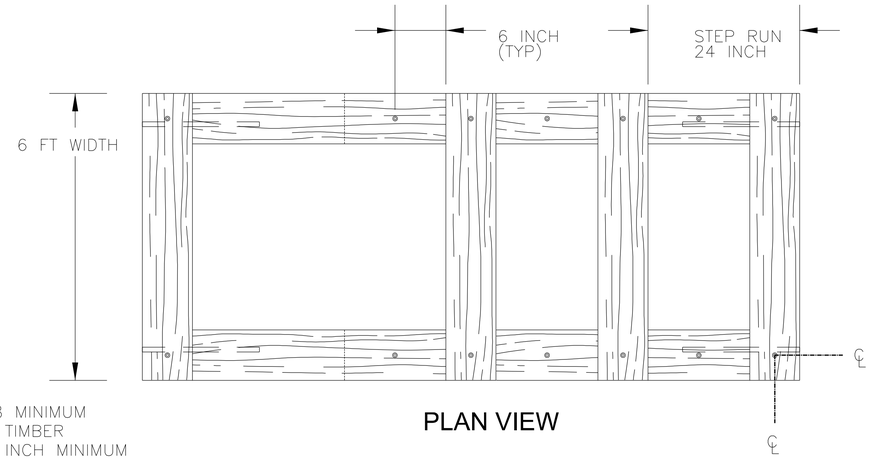
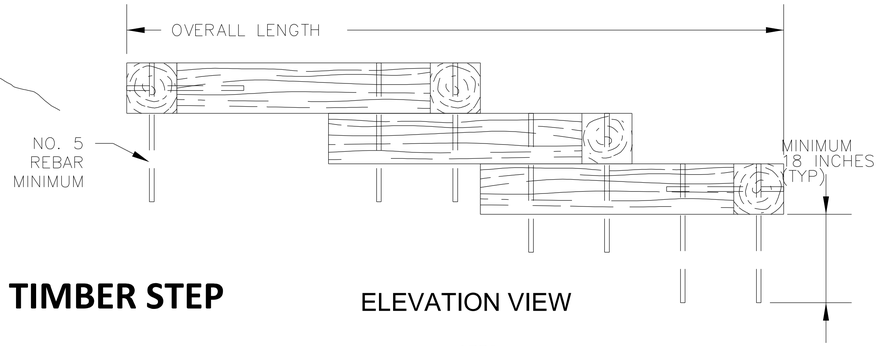
VERIFIED:		DATE:		

7/31/2015 GPLN



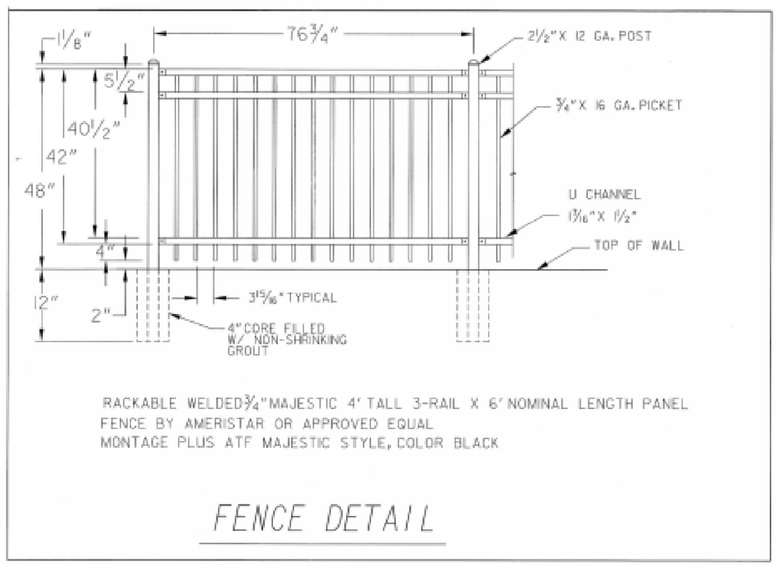




OVERLAPPING TIMBER STEP

NOTES:

1. PRE-DRILL HOLES FOR REBAR AND PINS TO PREVENT SPLITTING OF LOGS OR SAWN TIMBERS.
2. RECESS END OF REBAR 1/2 INCH BELOW TOP OF TIMBER.
3. COMPACT BACKFILL IN 6 INCH LIFTS UNTIL NO VISUAL DISPLACEMENT.
4. ALL FIELD DRILLED HOLES AND CUTS SHALL BE FIELD TREATED.
5. REMOVE AND DISPOSE OF DUFF AND TOP ORGANIC LAYERS DOWN TO MINERAL SOIL.
6. MINIMUM OVERLAP OF BOTTOM CARRIAGE IS THE SAME AS THE STEP RUN LENGTH.
7. RISERS AND CARRIAGES SHALL BE THE SAME DIMENSIONS.



RACKABLE WELDED ¾" MAJESTIC 4' TALL 3-RAIL X 6' NOMINAL LENGTH PANEL
FENCE BY AMERISTAR OR APPROVED EQUAL
MONTAGE PLUS ATF MAJESTIC STYLE, COLOR BLACK

FENCE DETAIL

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		38-0008
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

SUMMARY OF QUANTITIES

KENNESAW MOUNTAIN PEDESTRAIN IMPROVEMENTS

Item No.	Description	Unit	Bid Quantity
A-0140	Utility Allowance	ALL	1
A-0190	Exploratory Excavation Allowance	HR	40
G-0216	16-Inch Bore and Casing (for 8"-10" DIP)	LF	200
G-0308	Polyethylene Encasement on 8-Inch DIP	LF	250
G-0450	Adjust Existing Valve Box to Grade - In Pavement	EA	17
G-0450A	Adjust Valve Box to Grade - Out of Pavement	EA	2
W-0106	6-Inch Ductile Iron SJ CL 350 Water Main	LF	200
W-0108	8-Inch Ductile Iron SJ CL 350 Water Main	LF	8800
W-0108A	8-Inch Ductile Iron SJ CL 350 WM Extra Depth (0'-4')	LF	380
W-0306	6-Inch Gate Valve Assembly	EA	20
W-0308	8-Inch Gate Valve Assembly	EA	10
W-0406	6-Inch Valve Assembly Cut-In	EA	1
W-0508	8" x 6" Tapping Assembly	EA	1
W-0706	6-Inch Misc. MJ Fittings	TON	0.5
W-0706A	6-Inch Wedge Action Retainer Glands	EA	30
W-0708	8-Inch Misc. MJ Fittings	TON	5.5
W-0708A	8-Inch Wedge Action Retainer Glands	EA	160
W-0900	Remove Existing Fire Hydrant	EA	9
W-0900A	6 x 13 Anchor Couplings	EA	20
W-0900D	Horizontal Fire Hydrant Extension	LF	20
W-0904	Fire Hydrants - 4 Ft. Bury	EA	20
W-4006B	Connect to Existing 6-Inch Water Main - Cut-In	EA	5
W-4008	Connect to Existing 8-Inch Water Main - Wet Tap	EA	2
W-4008A	Connect to Existing 8-Inch Water Main-Wet No Tap	EA	6
W-4008B	Connect to Existing 8-Inch Water Main - Cut-In	EA	1
W-5000.75	3/4-Inch Service Line Replacement - Long Side	EA	1
W-5000.75A	3/4-Inch Service Line Replacement - Short Side	EA	13
W-8000A	Abandon Existing Valve Box in Pavement	EA	24
W-8006	Abandon Existing 6-Inch Water Main - In Place	EA	11
W-8008	Abandon Existing 8-Inch Water Main - In Place	EA	1

EASEMENT LEGEND

PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS.....BLA
REQUIRED R/W LINE	END LIMIT OF ACCESS.....ELA
CONSTRUCTION LIMITS	LIMIT OF ACCESS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	REQ'D R/W & LIMIT OF ACCESS
EASEMENT FOR CONSTR OF SLOPES	ORANGE BARRIER FENCE
EASEMENT FOR CONSTR OF DRIVES	ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Cobb County Water System

660 South Cobb Drive
Marietta, Georgia 30060-3105
Phone (770) 419-6200

PREPARED BY:
JACOBS
Cobb County Water System
Construction Management Services
Phone: (770) 419-6365
Fax: (770) 419-6335

DESIGNED BY:	M. JACKSON
DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

THIS PROJECT IS LOCATED IN LAND LOTS
32, 33, 105, 106, 117, 180, 181, 190, 191, 254, 255, 263, 264, 287, 288, 322, 323, 329, 330, 337, & 1224
OF THE 16th, 19th, & 20th DISTRICT, IN THE 2nd SECTION, OF COBB COUNTY, GEORGIA

WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-00

Date: 7/23/20 Time: 10:02 AM Filename:44A-00 SUMMARY.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

POWDER SPRINGS RD SW

CALLAWAY RD SW

POWDER SPRINGS RD SW

N

1
N/F
U.S. GOVERNMENT
POWDER SPRINGS RD

SLCD18 (REBAR)
STA. 12+23.49
53.64' LT
N 1423155.094
E 2166004.187
EL 1058.41

BEGIN PROJECT
BEGIN CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
CHEATHAM HILL ROAD
STA 10+60.00
N 1422988.1380
E 2166036.7443

5' SIDEWALK

EXISTING 6" A.C. WATER MAIN
ABANDONED IN PLACE

EXISTING COBB COUNTY - MARIETTA
WATER AUTHORITY 36" WATER MAIN

EXISTING 8" DI WATER MAIN
TO REMAIN IN SERVICE

RETIRED:
2" STEEL GAS MAIN
(ESTIMATED LOCATION)

1 - RELOCATE EXISTING FIRE HYDRANT
1 - 6" HORIZONTAL EXTENSION
1 - ADJUST VALVE BOX
TO GRADE IN PAVEMENT

℄ CONSTRUCTION CHEATHAM HILL ROAD

10+00
11+00
12+00
13+00
14+00

2" GM

A1
A2
A3

18"RCPA
18"RCPA
18"RCP

S.W.C.B.
RIM: 1056.11
OE:1052.78

S.W.C.B.
RIM: 1055.52
IE: 1052.17
OE: 1052.01

S.W.C.B.
RIM: 1054.59
IE: 1051.45
OE: 1051.36

10' TRAIL
10' TRAIL

1
N/F
U.S. GOVERNMENT
POWDER SPRINGS RD

SPECIAL USE PERMIT AREA

20' 10' 0 10' 20' 30' 40'
SCALE: 1"=20'

MATCH LINE STA. 14+50 SEE SHEET 44A-02

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Marietta, Georgia 30060-3105
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Fax: (770) 419-6335

DESIGNED BY:	M. JACKSON
DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

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WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-01

Filename:44A-01 WATER SYSTEM PLANS.DWG
Time: 10:03 AM
Date: 7/23/20

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

MATCH LINE STA. 14+50 SEE SHEET 44A-01

MATCH LINE STA. 19+50 SEE SHEET 44A-03

N

15+00 16+00 17+00 18+00 19+00

1 N/F U.S. GOVERNMENT POWDER SPRINGS RD

1 N/F U.S. GOVERNMENT CHEATHAM HILL RD

SLCD17 (REBAR)
STA. 17+86.56
19.40' RT
N 1423729.571
E 2166040.433
EL 1045.63

RETIRED: 2" STEEL GAS MAIN (ESTIMATED LOCATION)

℄ CONSTRUCTION | CHEATHAM HILL ROAD

EXISTING 6" A.C. WATER MAIN ABANDONED IN PLACE

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

A4 S.W.C.B. RIM:1052.88 IE:1049.59 OE:1049.41

A5 S.W.C.B. RIM:1051.74 IE:1048.31 OE:1048.28

A6 S.W.C.B. RIM:1046.05 IE:1042.79 OE:1042.62

A5A

A6A 18"RCP F/L:1040.97

18"RCP

8' TRAIL

10' TRAIL

GRAVEL

WOOD FENCE

EXISTING 8" D.I.P. WATER MAIN TO REMAIN IN SERVICE

SPECIAL USE PERMIT AREA

1 - CONNECT TO 8" WATER MAIN(WET TAP)
1 - 8"X6" HYDRANT TEE
1 - 6" GATE VALVE ASSEMBLY
1 - 6" x 13" ANCHOR COUPLING
1 - FIRE HYDRANT ASSEMBLY

1 N/F U.S. GOVERNMENT POWDER SPRINGS RD

PROPOSED 8" DIP WATER MAIN

1- CONNECT TO EXIST. 8" DI WATER (WET NO TAP)
1- 8" M.J. SOLID SLEEVE

ABANDONED 6" GV IN PAVEMENT

ABANDONED 6" AC WATER MAIN IN PLACE

10' TRAIL

REQ'D R/W

12"CMP

12"CMP (BURIED) F/L:1052.8

12"CMP (BURIED) F/L:1036.26

1 - 3/4" SERVICE LINE REPLACEMENT SHORT SIDE SERVICE

1 - RELOCATE FIRE HYDRANT (HORIZ. EXTENSION) 6" D.I.P.

1625 N/F FRANKLIN FERGUSON 1625 CHEATHAM HILL RD

1615 N/F FRANK & NANCY REVOCABLE LIVING TRUST 1615 CHEATHAM HILL RD

20' 10' 0 10' 20' 30' 40'

SCALE: 1"=20'

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Fax: (770) 419-6335

DESIGNED BY:	M. JACKSON
DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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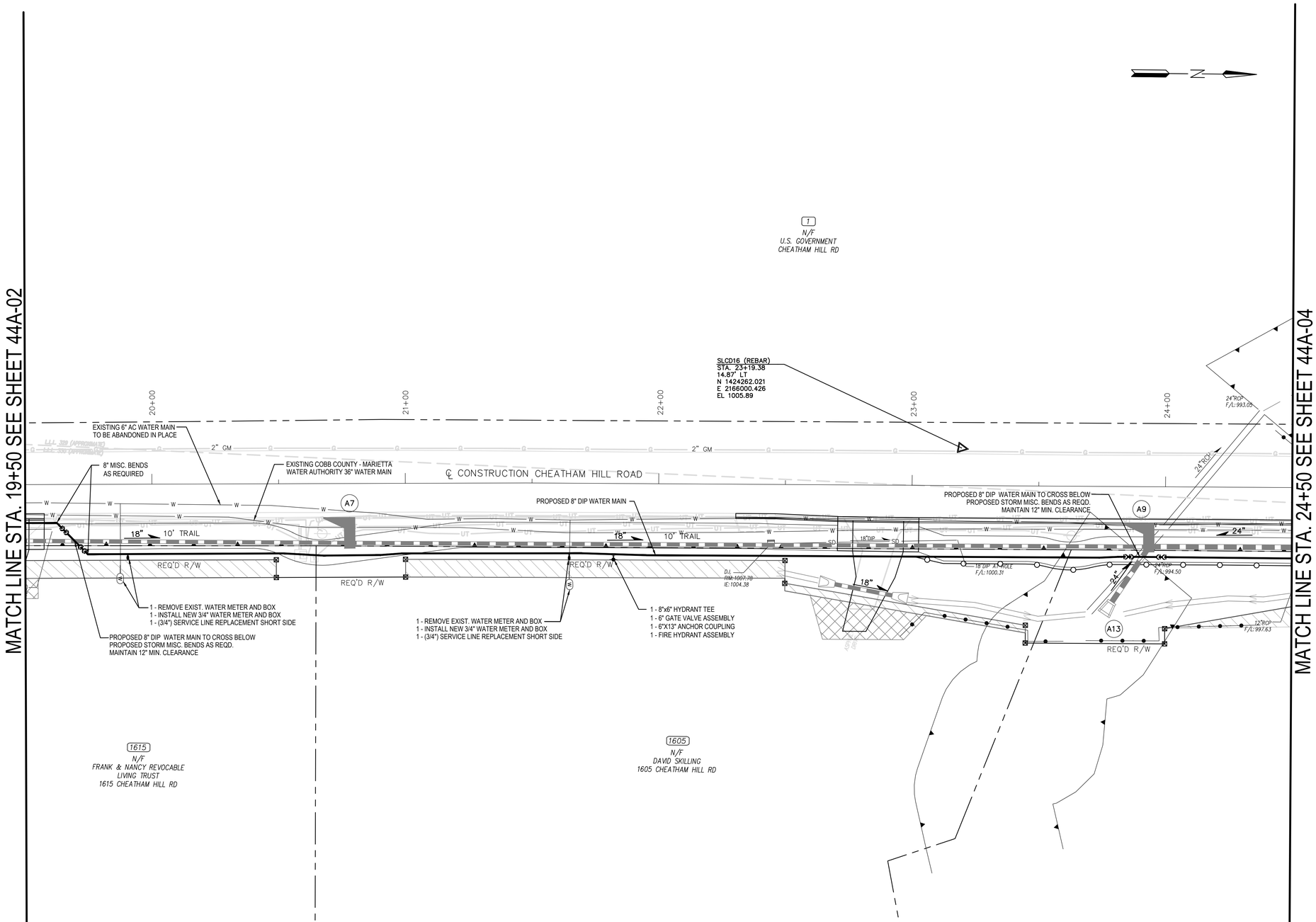
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-02

Filename:44A-02 WATER SYSTEM PLANS.DWG
Time: 10:05 AM
Date: 7/23/20

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-03

Date: 7/23/20 Time: 10:06 AM Filename: 44A-03 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

MATCH LINE STA. 24+50 SEE SHEET 44A-03

MATCH LINE STA. 29+00 SEE SHEET 44A-05

N

25+00 26+00 27+00 28+00 29+00

℄ CONSTRUCTION CHEATHAM HILL ROAD

2" GM

1 - PROP. 8" DIP WM TO PASS UNDER PROP. STORM
1 - MISC. BENDS AS REQ'D.
MAINTAIN 12" CLEARANCE

ABANDONED EXIST. VALVE AND BOX IN PVMT.

1 - 6" PLUG
EXISTING 6" DIP WATER MAIN TO BE ABANDONED IN PLACE

PROPOSED 8" DIP WATER MAIN

EXISTING 6" AC WATER MAIN
TO BE ABANDONED IN PLACE

EXISTING COBB COUNTY - MARIETTA
WATER AUTHORITY 36" WATER MAIN

8" MISC. BENDS
AS REQUIRED

A8A A8B N1 N2 N3 N4 N5 N6 N7

10' TRAIL

12"RCP F/L:998.55

12"RCP F/L:998.19

12"RCP F/L:(BURIED, TERMINUS UNKNOWN)

12"RCP F/L:(BURIED)

12"RCP F/L:997.58

12"RCP F/L:999.14

REQ'D R/W

8" MISC. BENDS AS REQUIRED

1 - PROP. 8" DIP WM TO PASS UNDER PROP. STORM
1 - MISC. BENDS AS REQ'D.
MAINTAIN 12" CLEARANCE

1-WRAP 60 LF OF POLYETHYLENE ENCASEMENT ON 8"
DIP WATER MAIN AND FITTINGS

40 LF OF 16" BORE & CASING

1 - PROP. 6" DIP WM TO PASS UNDER PROP. STORM
1 - MISC. BENDS AS REQ'D. MAINTAIN 12" CLEARANCE

1 - ADJUST METER AND BOX TO GRADE

1 - PROP. 8" DIP WM TO PASS UNDER PROP. STORM
1 - MISC. BENDS AS REQ'D.
MAINTAIN 12" CLEARANCE

1 - ADJUST METER AND BOX TO GRADE

1 - 8"X6" HYDRANT TEE
1 - 6" GATE VALVE ASSEMBLY
1 - 6"x13" ANCHOR COUPLING
1 - FIRE HYDRANT ASSEMBLY

EXISTING 6" D.I.P. WATER
MAIN TO REMAIN IN SERVICE

1 - CONNECT TO 6" WATER MAIN(CUT IN)
1 - 8"x6" M.J. TEE
2 - 8" GATE VALVE
1 - 6" GATE VALVE
1 - 6" SLEEVE

EXISTING 6" D.I.P. WATER
MAIN TO REMAIN IN SERVICE

KOLB LANE

1-1/4" STEEL GM

1 N/F U.S. GOVERNMENT CHEATHAM HILL RD

1495 N/F GRUBER DAVID 1495 KOLB LN

1541 N/F ELLIS EDWARD J & CATHERINE WOODALL 1541 CHEATHAM HILL RD

20' 10' 0 10' 20' 30' 40'
SCALE: 1"=20'

Cobb County Water System

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DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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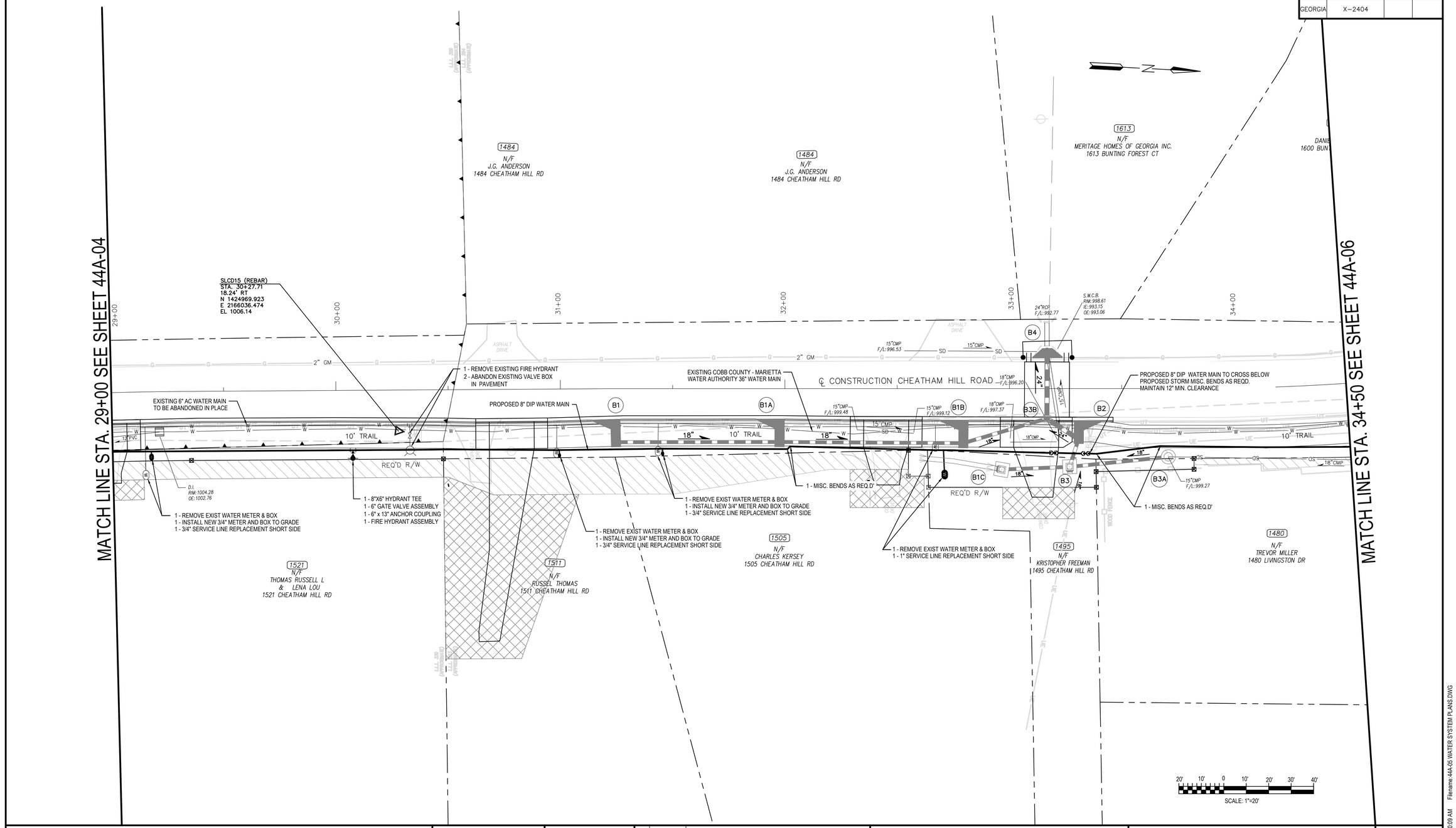
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-04

Time: 10:08 AM Filename:44A-04 WATER SYSTEM PLANS.DWG
Date: 7/23/20

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-05

Date: 7/23/20 Time: 10:09 AM Filename: 44A-05 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

MATCH LINE STA. 34+50 SEE SHEET 44A-05

MATCH LINE STA. 39+00 SEE SHEET 44A-07

1600 N/F MAHONY 1616 FOREST CT

1616 N/F ZHEN LI 1616 BUNTING FOREST CT

1610 N/F LINDA MCMURRAY 1610 BUNTING FOREST CT

1610 N/F LINDA MCMURRAY 1610 BUNTING FOREST CT

35+00

36+00

37+00

38+00

39+00

SLCD14 (REBAR)
STA. 36+36.29
25.64' RT
N 1425583.280
E 2165997.199
EL 1008.29

1 - ABANDONED EXIST. VALVE AND BOX IN PVMT.

1 - ABANDONED 8" DI WATER IN PLACE
1 - 8" PLUG

30 LF OF 16" STEEL BORE & CASING

1 - WRAP 70 LF OF POLYETHYLENE ENCASEMENT ON 8" DIP WATER MAIN AND FITTINGS

1 - 8"X6" HYDRANT TEE
1 - 6" GATE VALVE ASSEMBLY
1 - 6" x 13" ANCHOR COUPLING
1 - FIRE HYDRANT ASSEMBLY

1 - CONNECT TO 8" WATER MAIN (CUT IN)
1 - 8" x 8" M.J. TEE
2 - 8" GATE VALVE
1 - 8" SOLID SLEEVE

℄ CONSTRUCTION CHEATHAM HILL ROAD

PROPOSED 8" DIP WATER MAIN

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

8" MISC. BENDS AS REQUIRED

LIVINGSTON DR.

1479 N/F DORIS SANTORO 1479 LIVINGSTON Dr

1503 N/F DORIS SANTORO 1503 LARSON WAY

10' TRAIL

2" GM

SCALE: 1"=20'

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DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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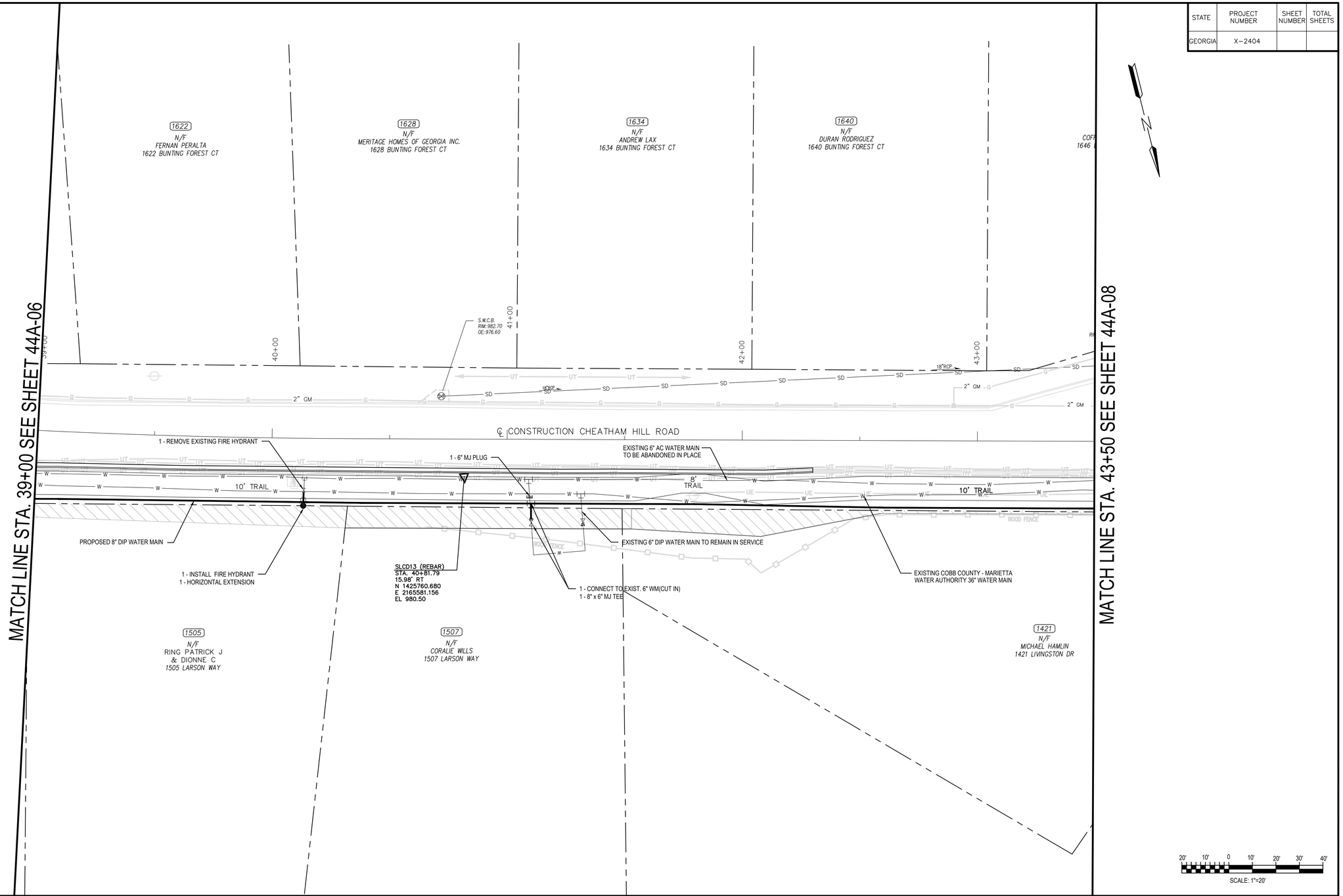
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-06

Date: 7/23/20 Time: 10:11 AM Filename: 44A-06 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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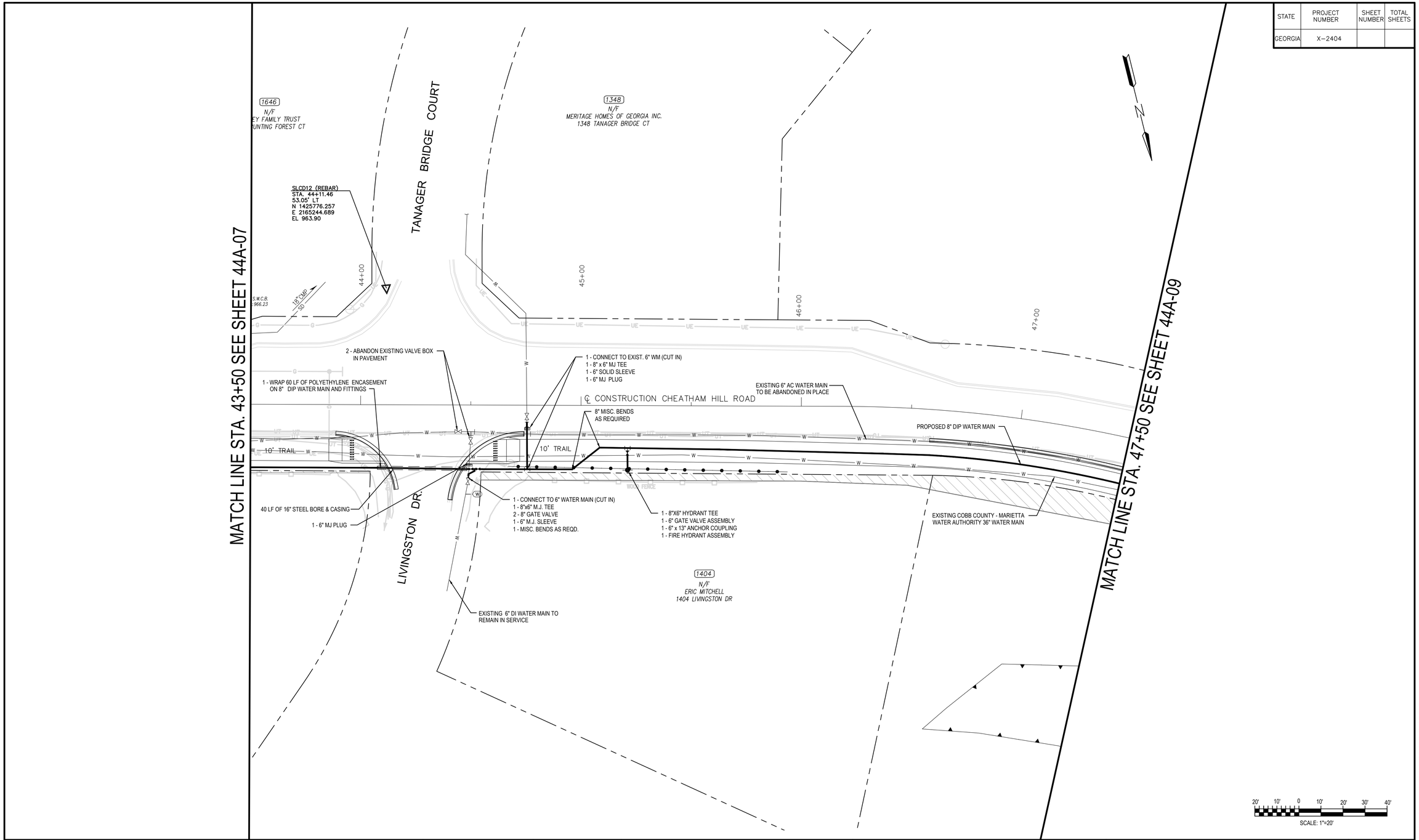
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-07

Filename:44A-07 WATER SYSTEM PLANS.DWG
Time: 10:13 AM
Date: 7/23/20

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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Construction Management Services
Phone: (770) 419-6365
Fax: (770) 419-6335

DESIGNED BY:	M. JACKSON
DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

THIS PROJECT IS LOCATED IN LAND LOTS
32, 33, 105, 106, 117, 180, 181, 190, 191, 254, 255, 263, 264, 287, 288, 322, 323, 329, 330, 337, & 1224
OF THE 16th, 19th, & 20th DISTRICT, IN THE 2nd SECTION, OF COBB COUNTY, GEORGIA

WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-08

Time: 10:14 AM Filename:44A-08 WATER SYSTEM PLANS.DWG
Date: 7/23/20

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

MATCH LINE STA. 47+50 SEE SHEET 44A-08

MATCH LINE STA. 51+50 SEE SHEET 44A-10

X
N/F
SF AEW ACQUISITION
TANAGER BRIDGE CT

SLCD11 (REBAR)
STA. 49+14.90
18.78' LT
N 1426014.980
E 2164791.466
EL 952.37

48+00

49+00

50+00

51+00

℄ CONSTRUCTION CHEATHAM HILL ROAD

PROPOSED 8" DIP WATER MAIN

10' TRAIL

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

SP1

1 - REMOVE EXISTING FIRE HYDRANT
1 - ABANDON EXISTING VALVE BOX IN PAVEMENT

SPECIAL DESIGN SPILLWAY

PROPOSED 8" DIP WATER MAIN TO CROSS BELOW PROPOSED STORM MISC. BENDS AS REQD. MAINTAIN 12" MIN. CLEARANCE

REQ'D R/W

X
N/F
RIDENOUR REC & HOA INC
WARD CREEK DR

1 - 8"X6" HYDRANT TEE
1 - 6" GATE VALVE ASSEMBLY
1 - 6" x 13" ANCHOR COUPLING
1 - FIRE HYDRANT ASSEMBLY

T260
N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW

20' 10' 0 10' 20' 30' 40'
SCALE: 1"=20'

Cobb County Water System

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Cobb County Water System
Construction Management Services
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660 South Cobb Drive
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Phone (770) 419-6200

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REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

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WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-09

Filename: 44A-08 WATER SYSTEM PLANS.DWG
Time: 10:16 AM
Date: 7/23/20

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

MATCH LINE STA. 51+50 SEE SHEET 44A-09

MATCH LINE STA. 56+50 SEE SHEET 44A-11

52+00 53+00 54+00 55+00 56+00

SLCD10 (REBAR)
STA 53+79.72
15.99' LT
N 1426474.132
E 2164706.389
EL 950.27

1260
N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW

S.S.M.H.
RIM: 948.20
INACCESSIBLE

20' SANITARY SEWER ESMT

END "T" BEAM GUARDRAIL
GA STD. 4382
STA 53+24.79 RT
TIE TO BRIDGE

END "W" BEAM GUARDRAIL
BEGIN "T" BEAM GUARDRAIL
GA STD. 4384
STA 53+04.14 RT

4"PVC DRAIN OE:949.68

4"PVC DRAIN OE:949.76

4"PVC DRAIN OE:949.52

4"PVC DRAIN OE:950.03

1 - CONNECT TO EXISTING 8" DIP WATER MAIN (WET NO TAP)
1 - ABANDON EXISTING VALVE BOX IN PAVEMENT
1 - 8" SOLID SLEEVE
1 - 6" PLUG

LLL 204 (APPROXIMATE)

BRIDGE

℄ CONSTRUCTION CHEATHAM HILL ROAD

8" DIP WATER MAIN TO REMAIN IN SERVICE

C7 C8 C9 D5 D6

18" 8' TRAIL

CONCRETE PAVEMENT

8' TRAIL

REQ'D R/W

8" DIP WATER MAIN TO REMAIN IN SERVICE

1 - ABANDON EXISTING VALVE BOX IN PAVEMENT
1 - 6" PLUG

8" MISC. BENDS AS REQUIRED

1 - EXIST. 6" AC WM TO BE ABANDONED IN PLACE

1 - 8"X6" HYDRANT TEE
1 - 6" GATE VALVE ASSEMBLY
1 - 6" x 13" ANCHOR COUPLING
1 - FIRE HYDRANT ASSEMBLY

10' TRAIL

NO ACCESS BUFFER & LANDSCAPE ESMT

BEGIN "W" BEAM GUARDRAIL
GA STD. 4380
GA STD. 4384
TYPE 12A ANCHOR
STA 52+04.14 RT

EXISTING FIRE HYDRANT TO REMAIN IN SERVICE

PROPOSED 8" DIP WATER MAIN

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

BEGIN "T" BEAM GUARDRAIL
GA STD. 4382
STA 53+79.82 RT
TIE TO BRIDGE

S.S.M.H.
RIM: 942.94
INACCESSIBLE

1 - CONNECT TO EXISTING 8" DIP WATER MAIN (WET NO TAP)
1 - 8" SOLID SLEEVE

PROPOSED 8" DIP WATER MAIN

END W-BEAM GUARDRAIL
TYPE 1 ANCHOR
GA STD. 4383
STA 54+52.91 RT

X
N/F
RIDENOUR REC & HOA INC
WARD CREEK DR

1195
N/F
SENTINEL WEST HOA
1195 WARD CREEK DR

20' 10' 0 10' 20' 30' 40'
SCALE: 1"=20'

Cobb County Water System

660 South Cobb Drive
Marietta, Georgia 30060-3105
Phone (770) 419-6200

PREPARED BY:
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Construction Management Services
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Fax: (770) 419-6335

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DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

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OF THE 16th, 19th, & 20th DISTRICT, IN THE 2nd SECTION, OF COBB COUNTY, GEORGIA

WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-10

Time: 10:18 AM Filename:44A-10 WATER SYSTEM PLANS.DWG
Date: 7/23/20

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

MATCH LINE STA. 56+50 SEE SHEET 44A-10

MATCH LINE STA. 62+00 SEE SHEET 44A-12

1260
N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW

X
N/F
ALBERT FLEMING
CHEATHAM HILL RD

57+00 58+00 59+00 60+00 61+00 62+00

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

℄ CONSTRUCTION CHEATHAM HILL ROAD

LLL 254 (APPROXIMATE)

LLL 255 (APPROXIMATE)

6" MISC. BENDS AS REQUIRED

10' TRAIL

8' TRAIL

REQ'D R/W

PROPOSED 8" DIP WATER MAIN

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

NO ACCESS BUFFER & LANDSCAPE ESM'T

1 - REMOVE EXISTING FIRE HYDRANT
1 - ABANDON EXISTING VALVE BOX IN PAVEMENT

1 - 8"X6" HYDRANT TEE
1 - 6" GATE VALVE ASSEMBLY
1 - 6" x 13" ANCHOR COUPLING
1 - FIRE HYDRANT ASSEMBLY

1 - WRAP 60 LF OF POLYETHYLENE ENCASEMENT ON 8" DIP WATER MAIN AND FITTINGS

1 - 6" PLUG
EXISTING 6" DIP WATER MAIN TO BE ABANDONED IN PLACE

2.2' (PLAYS)

1 - ABANDON EXISTING VALVE BOX IN PAVEMENT

50 LF OF 16" STEEL BORE &CASING

PROPOSED 8" DIP WATER MAIN TO CROSS BELOW PROPOSED STORM MISC. BENDS AS REQD. MAINTAIN 12" MIN. CLEARANCE

8" MISC. BENDS AS REQUIRED

J1

10' TRAIL

REQ'D R/W

18"

6"

J2

ASSUMED DROP INLET LOCATION

1 - 8"x6" M.J. TEE
1 - 6"x6" M.J. TEE
1 - CONNECT TO 6" WATER MAIN (CUT IN)
2 - 8" GATE VALVE
1 - 6" GATE VALVE
1 - 6" SOLID SLEEVE

EXISTING 6" D.I.P. WATER MAIN TO REMAIN IN SERVICE

WARD CREEK DRIVE

NO ACCESS BUFFER & LANDSCAPE ESM'T

1195
N/F
SENTINEL WEST HOA
1195 WARD CREEK DR

1188
N/F
JOHN EDISON
1188 WARD CREEK DR

20' DRAINAGE ESM'T

WOOD FENCE

20' 10' 0 10' 20' 30' 40'
SCALE: 1"=20'

Cobb County Water System

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Marietta, Georgia 30060-3105
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REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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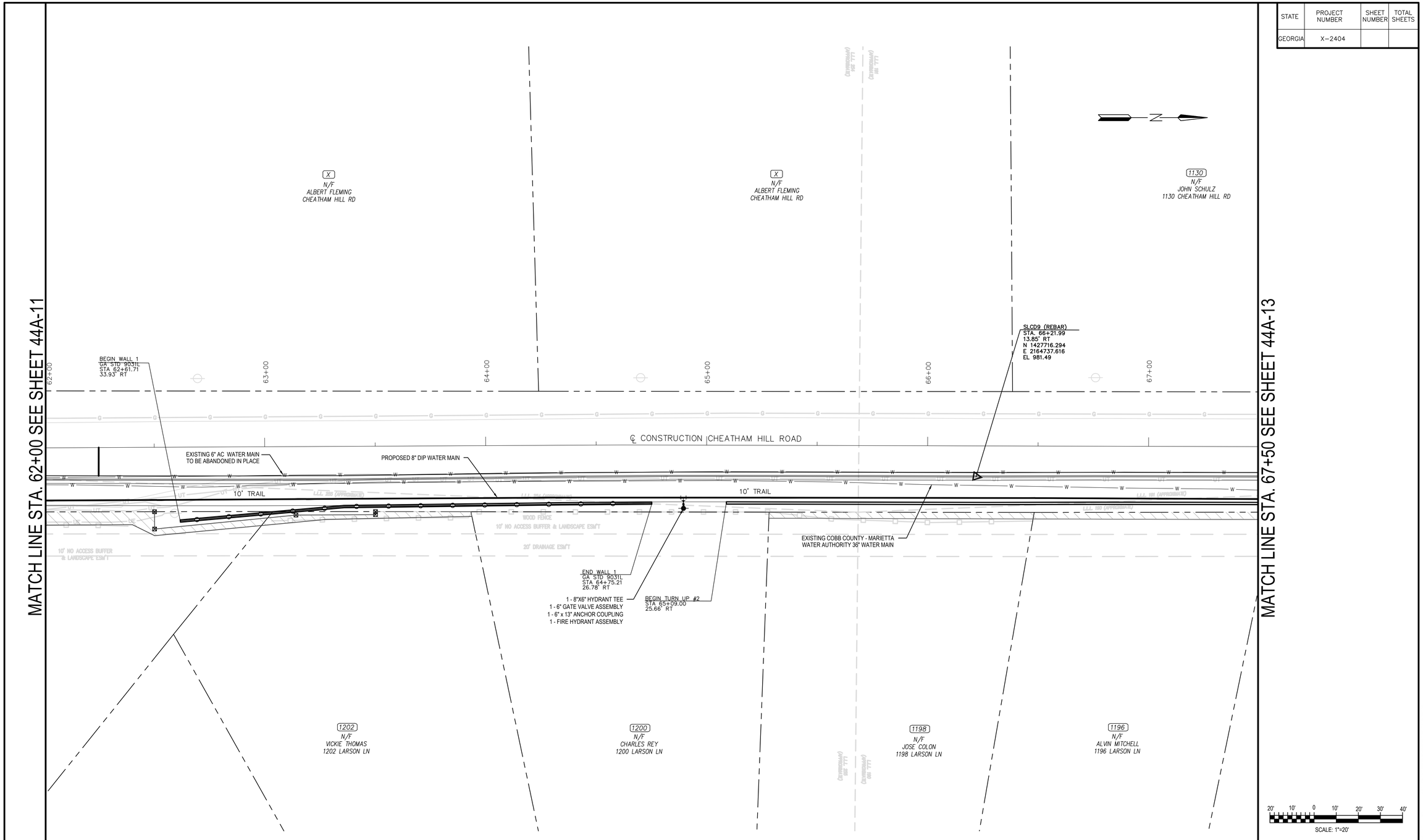
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-11

Date: 7/23/20 Time: 10:19 AM Filename:44A-11 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

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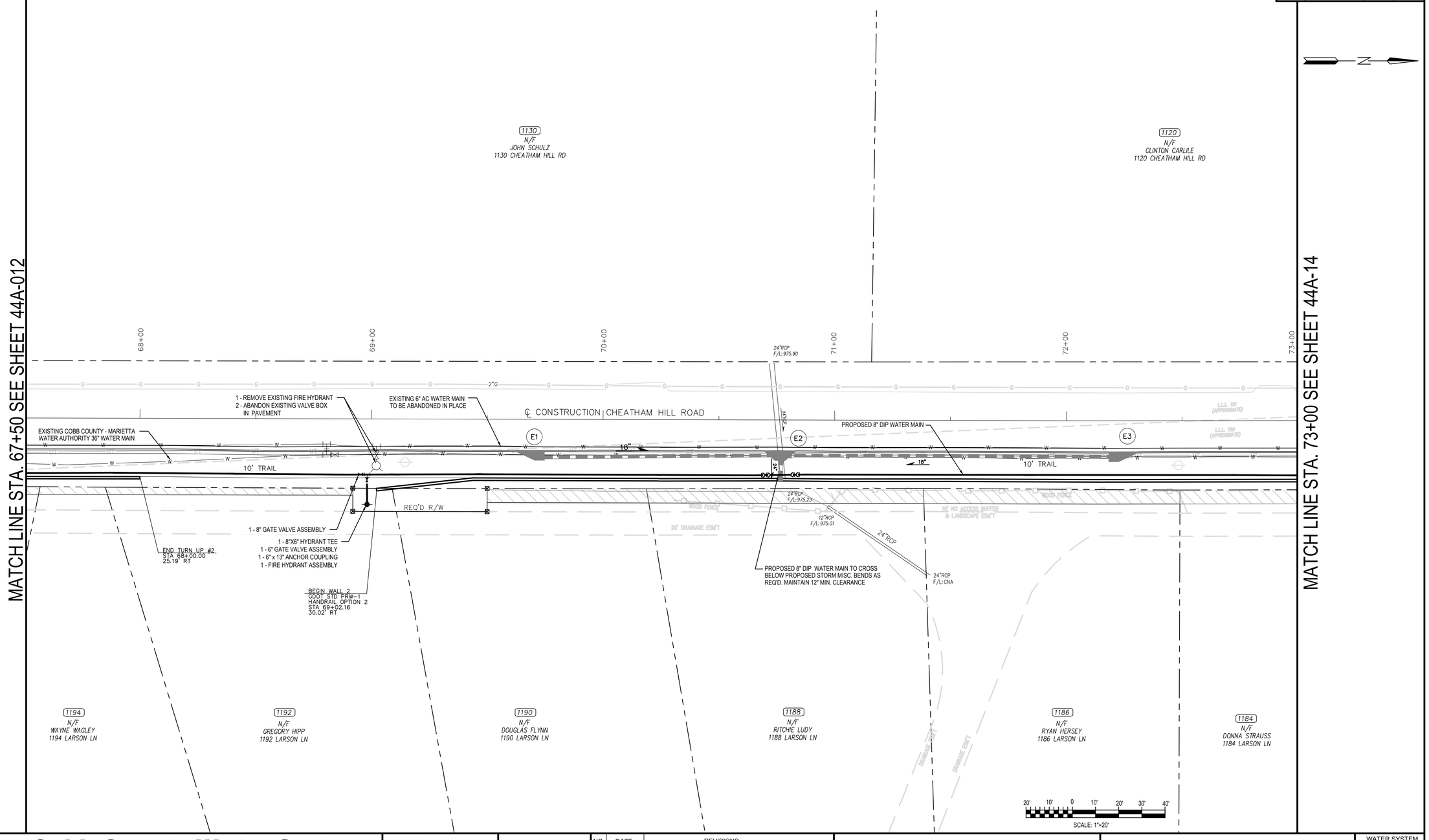
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-12

Time: 10:21 AM Filename:44A-12 WATER SYSTEM PLANS.DWG
Date: 7/23/20

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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DRAWN BY:	R. YOUNG
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APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-13

Date: 7/23/20 Time: 10:22 AM Filename: 44A-13 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

MATCH LINE STA. 73+00 SEE SHEET 44A-013

MATCH LINE STA. 78+50 SEE SHEET 44A-15

1120
N/F
CLINTON CARLILE
1120 CHEATHAM HILL RD

1090
N/F
1090 CHEATHAM HILL ROAD TRUST
1090 CHEATHAM HILL RD

END WALL 2
GDOT STD PRW-1
HANDRAIL OPTION 2
STA 76+00.00
26.97' RT

SLCD8 (REBAR)
STA. 75+89.78
15.66' LT
N 1428684.100
E 2164709.215
EL 993.06

74+00 75+00 76+00 77+00 78+00

36"RCP
F/L: 989.66

2"G

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

℄ CONSTRUCTION | CHEATHAM HILL ROAD

EXISTING 6" AC WATER MAIN TO BE ABANDONED IN PLACE

F1

BEGIN HEADER CURB
STA 77+25.00

END 10" HEADER CURB
STA 77+96.00

12"RCP
F/L: 1003.89

10' TRAIL

36"RCP
F/L: 988.78

18"CMP
F/L: 991.50

18"CMP

18"CMP
F/L: 994.21

10' TRAIL

36"

F2

F3

WOOD FENCE

WOOD FENCE

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

20' DRAINAGE ESM'T

REQ'D R/W

REQ'D R/W

PROPOSED 8" DIP WATER MAIN

PROPOSED 8" DIP WATER MAIN TO CROSS BELOW PROPOSED STORM MISC. BENDS AS REQ'D. MAINTAIN 12" MIN. CLEARANCE

1 - 8"x6" HYDRANT TEE
1 - 6" GATE VALVE ASSEMBLY
1 - 6"x13" ANCHOR COUPLING
1 - FIRE HYDRANT ASSEMBLY

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

30'x30' BELL SOUTH ESM'T

1184
N/F
ONNA STRAUSS
184 LARSON LN

1182
N/F
JAY HOLLAND
1182 LARSON LN

1154
N/F
CRYSTAL JOHNSON
1154 WARD CREEK DR

1152
N/F
HOMER CALDWELL
1152 WARD CREEK DR

1150
N/F
SUSANNE GANN
1150 WARD CREEK DR

20' 10' 0 10' 20' 30' 40'
SCALE: 1"=20'

Cobb County Water System

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APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

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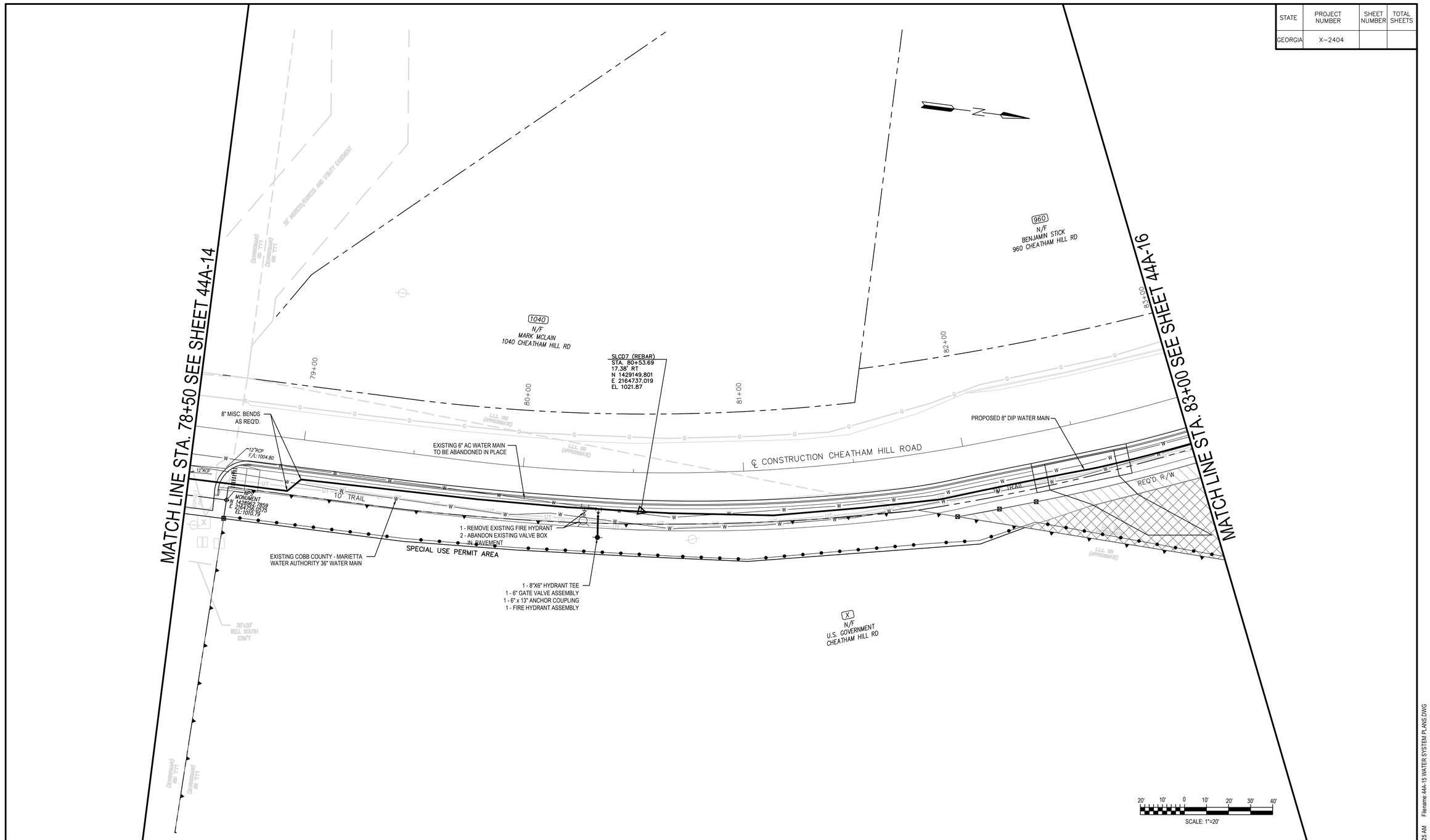
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-14

Date: 7/23/20 Time: 10:24 AM Filename:44A-14 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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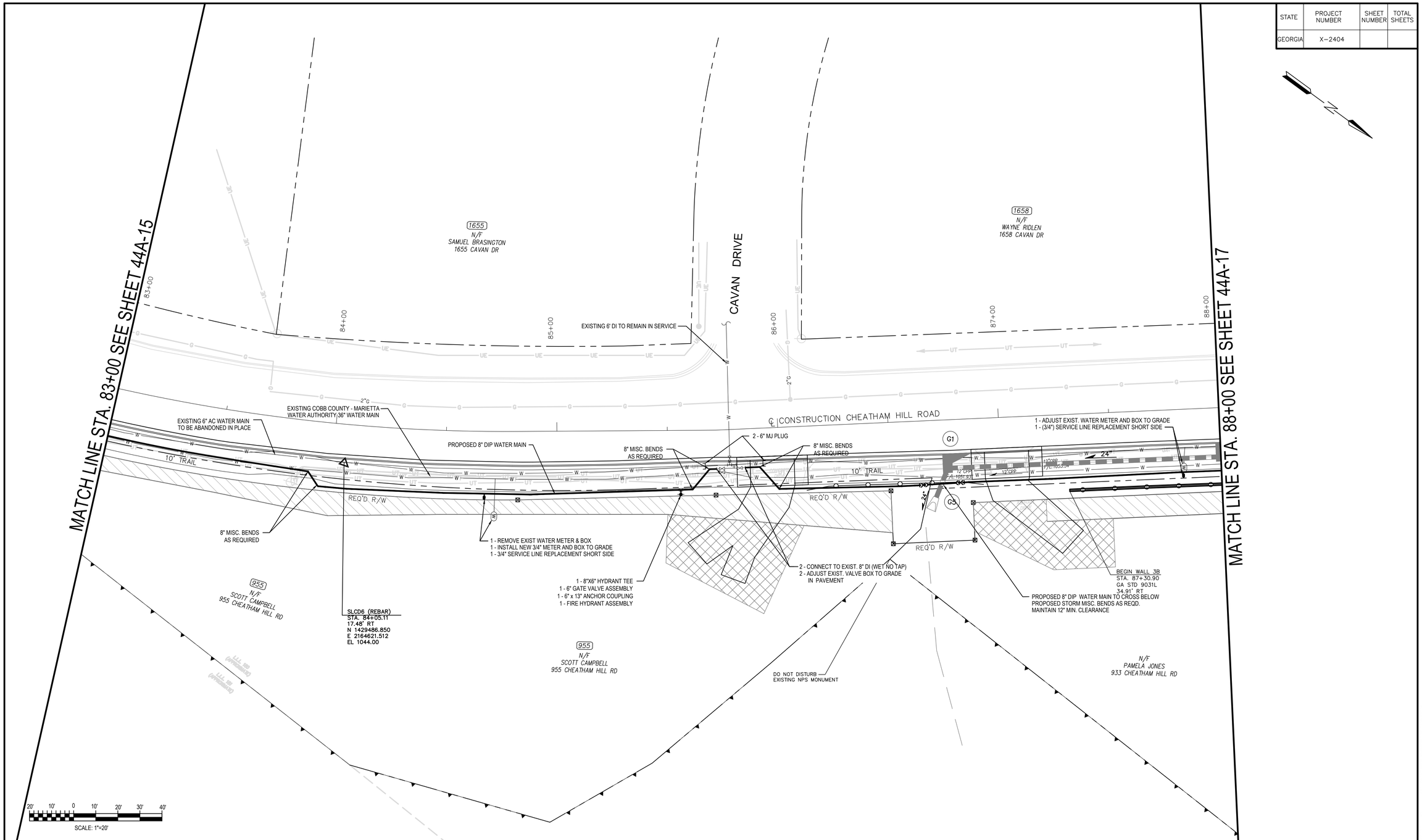
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-15

Date: 7/23/20 Time: 10:25 AM Filename:44A-15 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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DRAWN BY: R. YOUNG
REVIEWED BY: A. KENNEDY
APPROVED BY: W. COLLINS
DATE: JULY 2020
SCALE: AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

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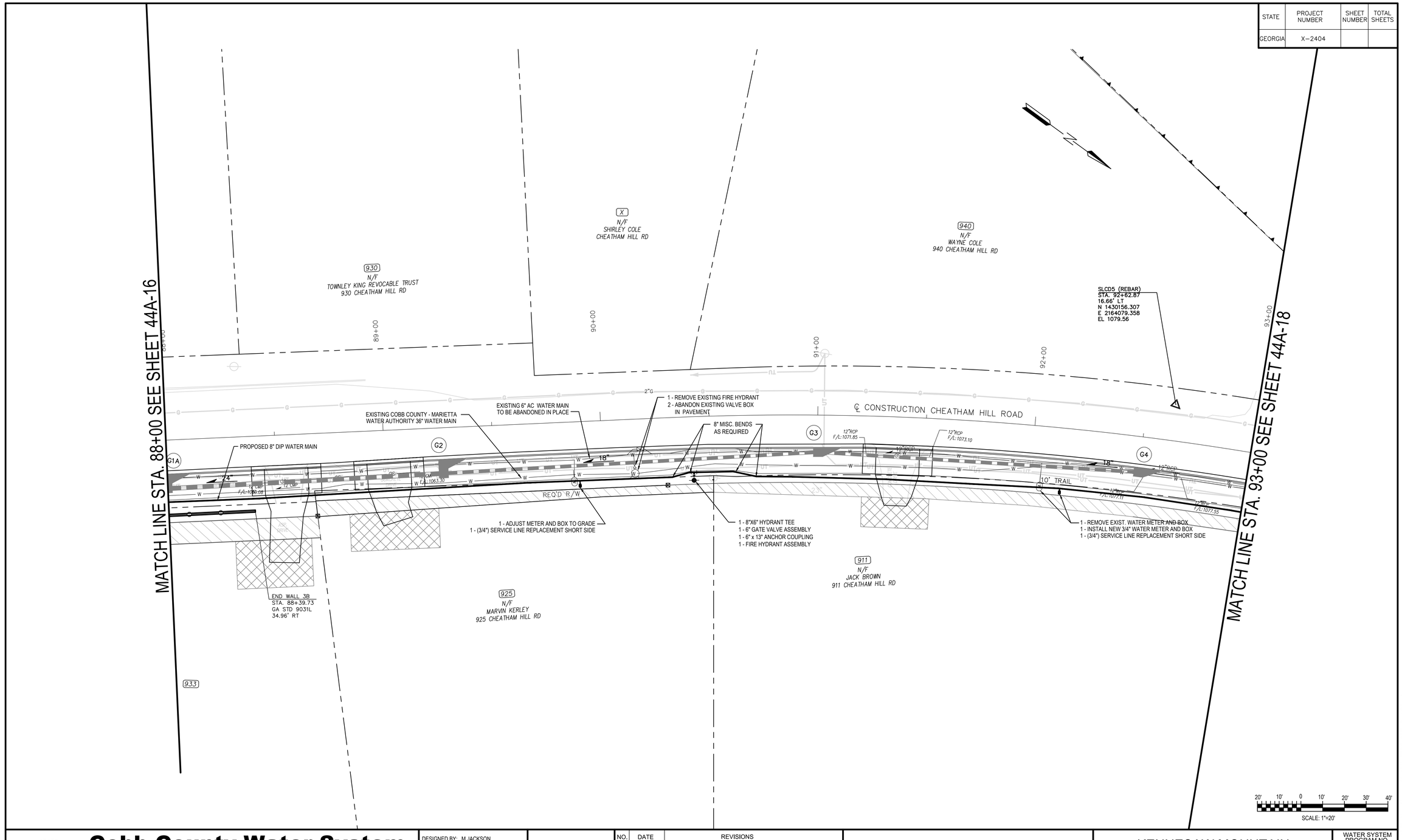
WATER SYSTEM PROGRAM NO. W2404

DRAWING NO. 44A-16

Date: 7/23/20 Time: 10:27 AM Filename:44A-16 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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SCALE:	AS SHOWN

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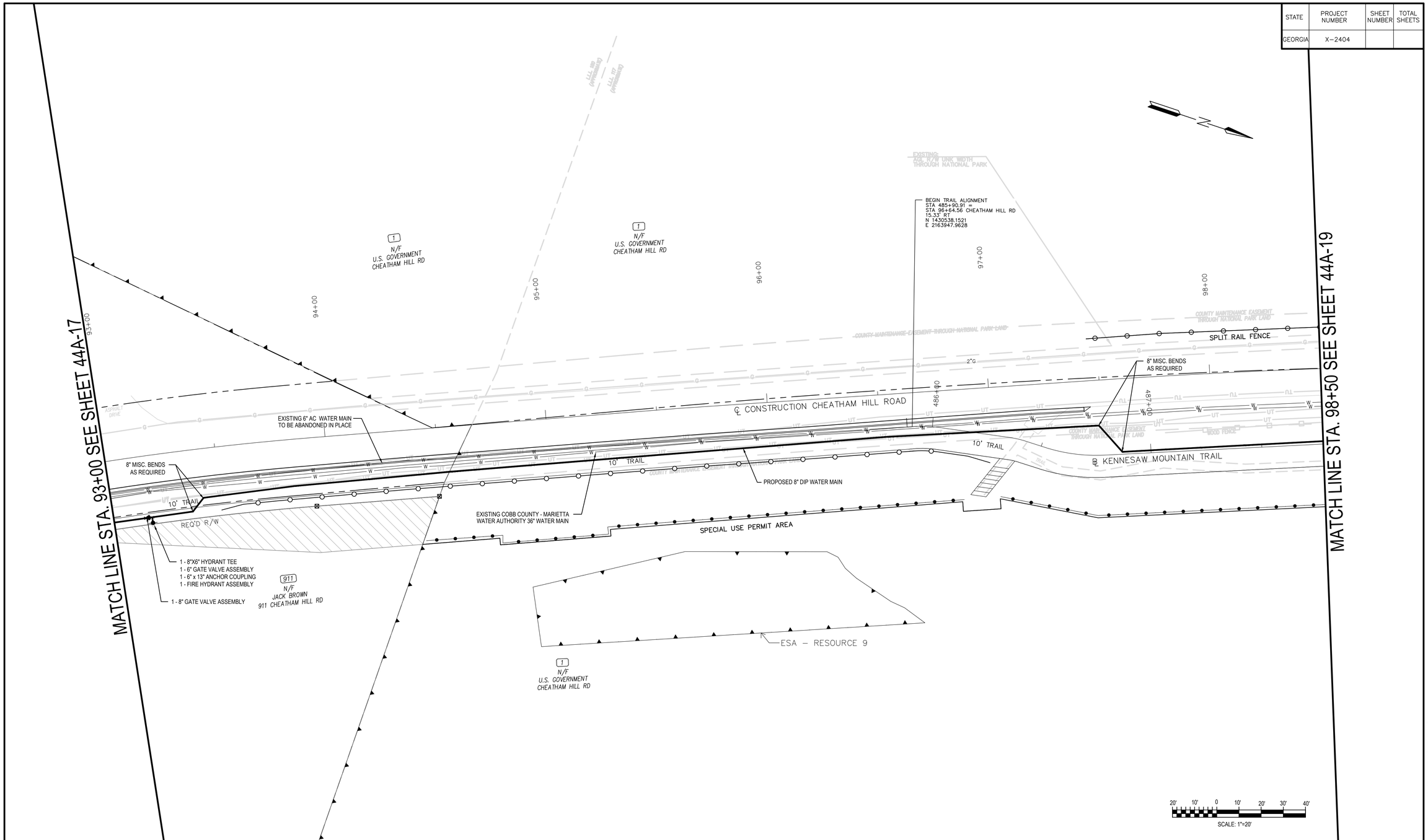
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-17

Filename: 44A-17 WATER SYSTEM PLANS.DWG
Time: 10:29 AM
Date: 7/23/20

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



Cobb County Water System

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SCALE:	AS SHOWN

NO.	DATE	REVISIONS

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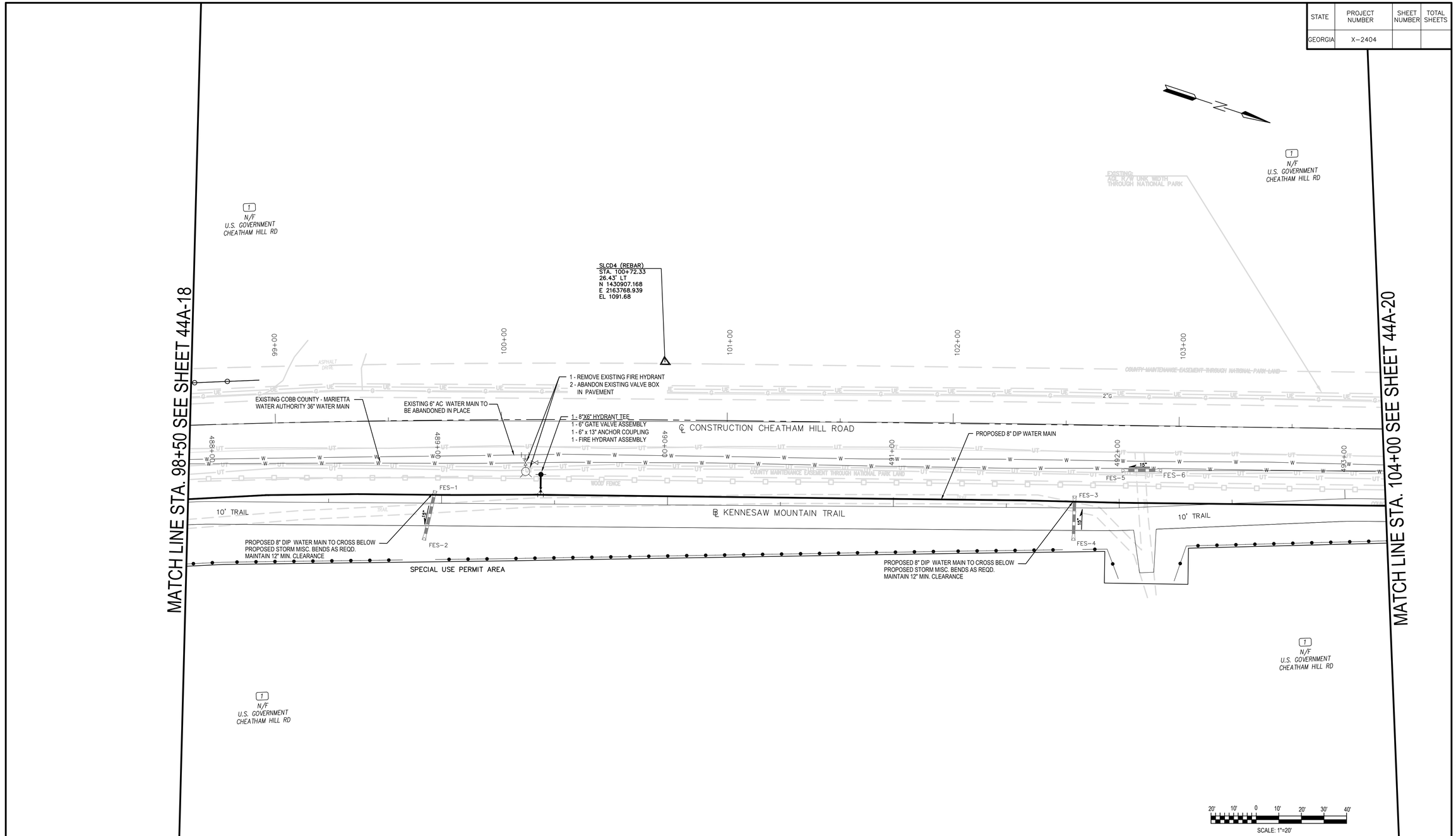
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-18

Date: 7/23/20 Time: 10:30 AM Filename:44A-18 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

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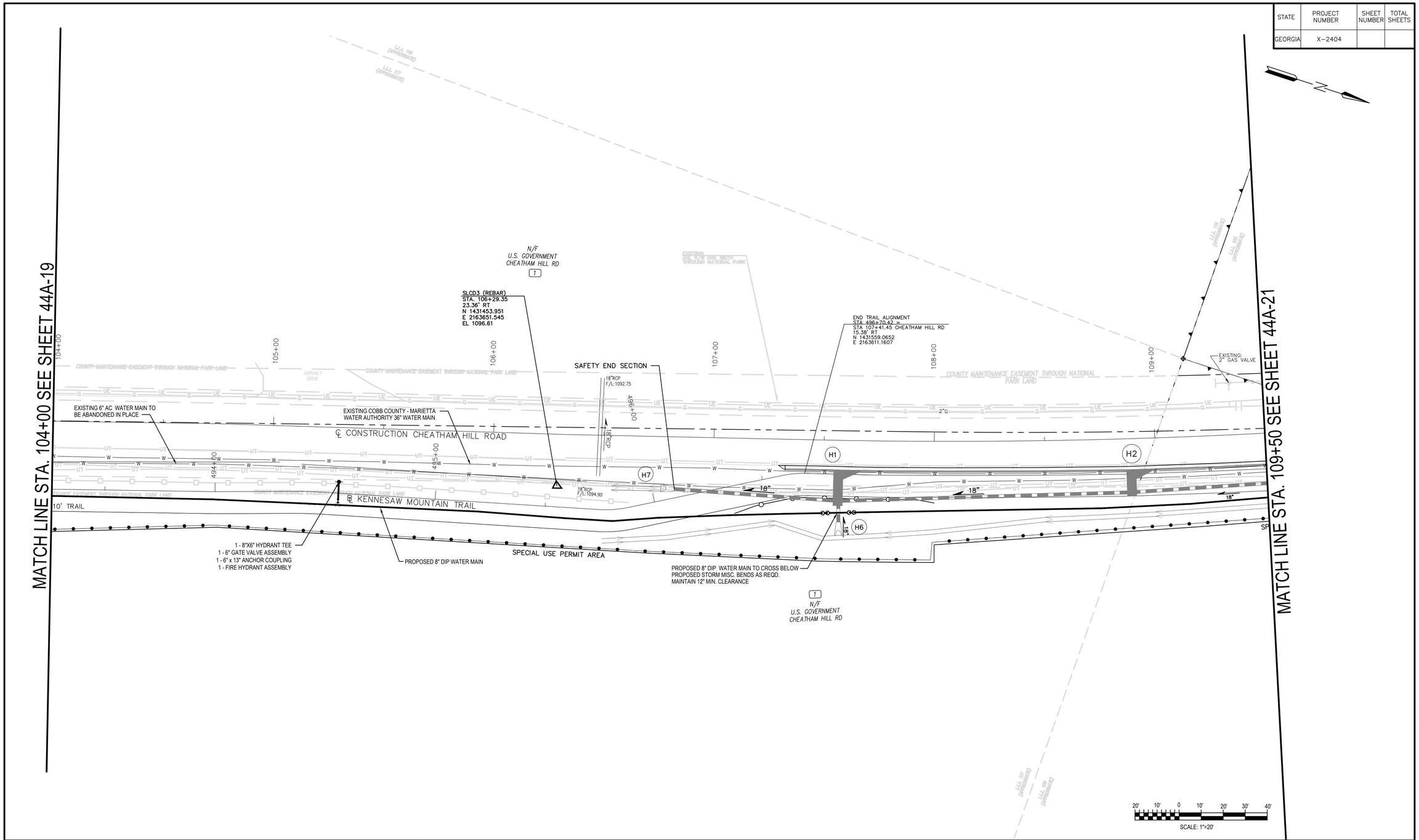
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-19

Date: 7/23/20 Time: 10:32 AM Filename:44A-19 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



Cobb County Water System

660 South Cobb Drive
Marietta, Georgia 30060-3105
Phone (770) 419-6200

PREPARED BY:
JACOBS
Cobb County Water System
Construction Management Services
Phone: (770) 419-6365
Fax: (770) 419-6335

DESIGNED BY: M. JACKSON
DRAWN BY: R. YOUNG
REVIEWED BY: A. KENNEDY
APPROVED BY: W. COLLINS
DATE: JULY 2020
SCALE: AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

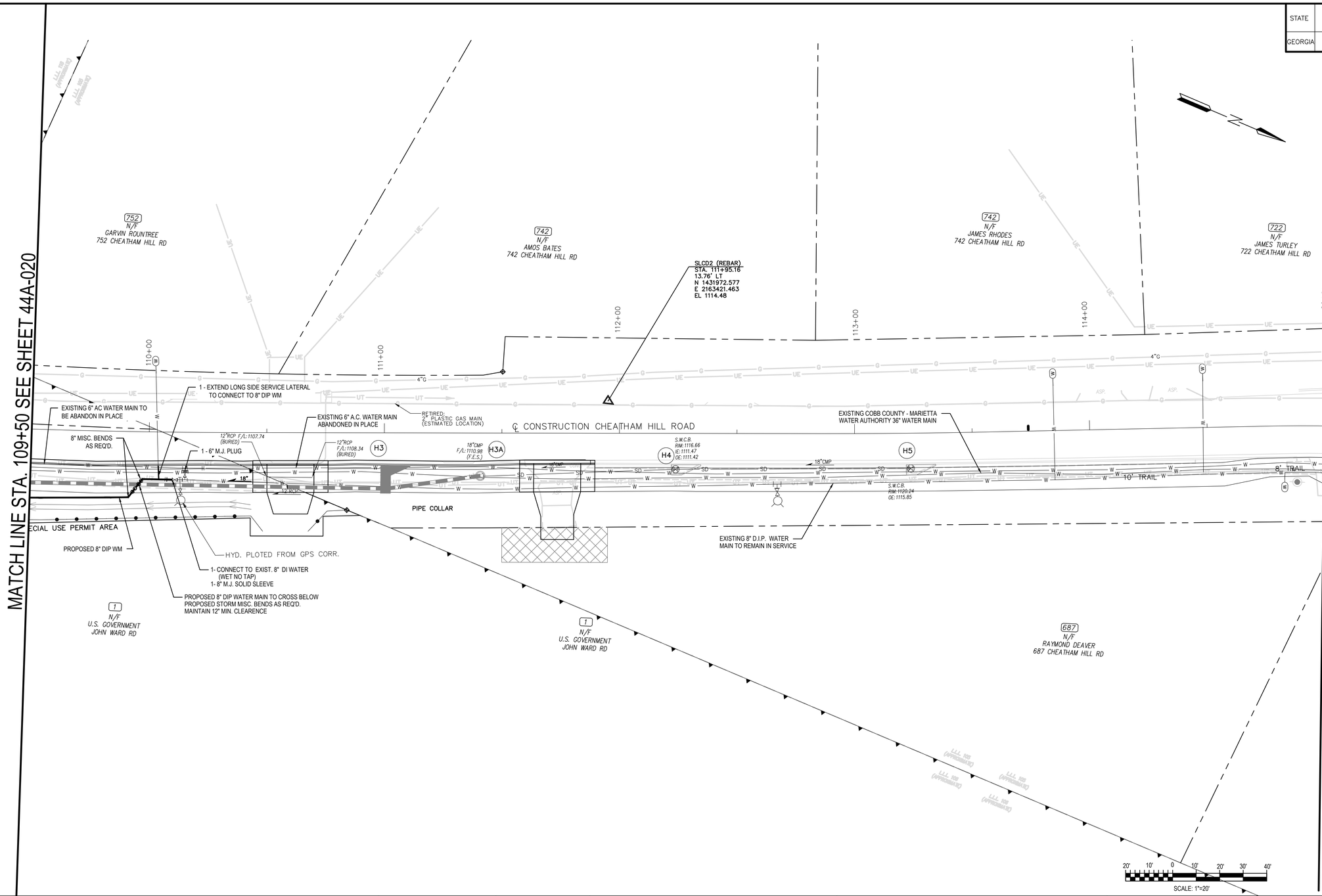
THIS PROJECT IS LOCATED IN LAND LOTS
32, 33, 105, 106, 117, 180, 181, 190, 191, 254, 255, 263, 264, 287, 288, 322, 323, 329, 330, 337, & 1224
OF THE 16th, 19th, & 20th DISTRICT, IN THE 2nd SECTION, OF COBB COUNTY, GEORGIA

WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-20

Date: 7/23/20 Time: 10:33 AM Filename:44A-20 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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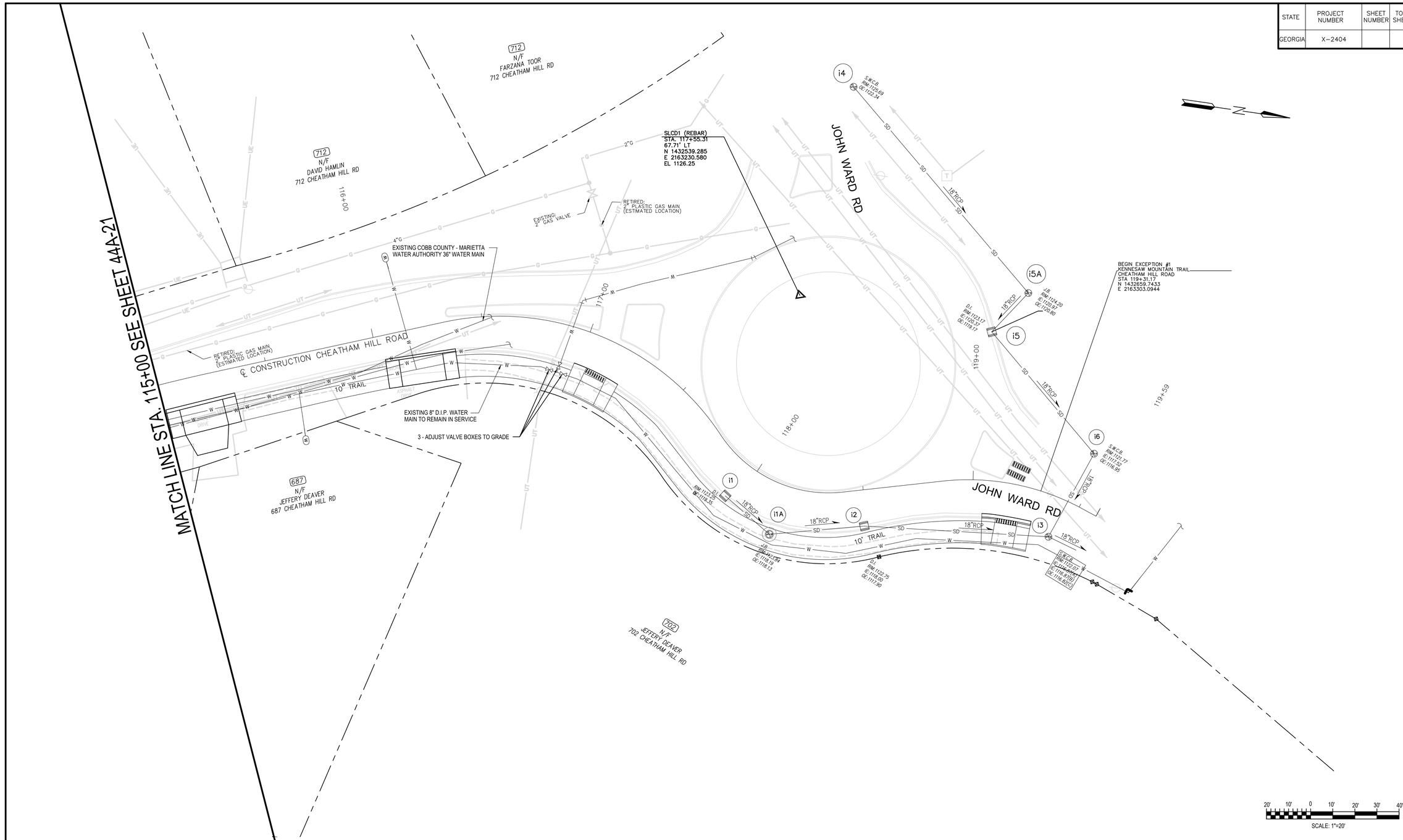
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-21

Date: 7/23/20 Time: 10:35 AM Filename:44A-21 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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APPROVED BY:	W. COLLINS
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NO.	DATE	REVISIONS

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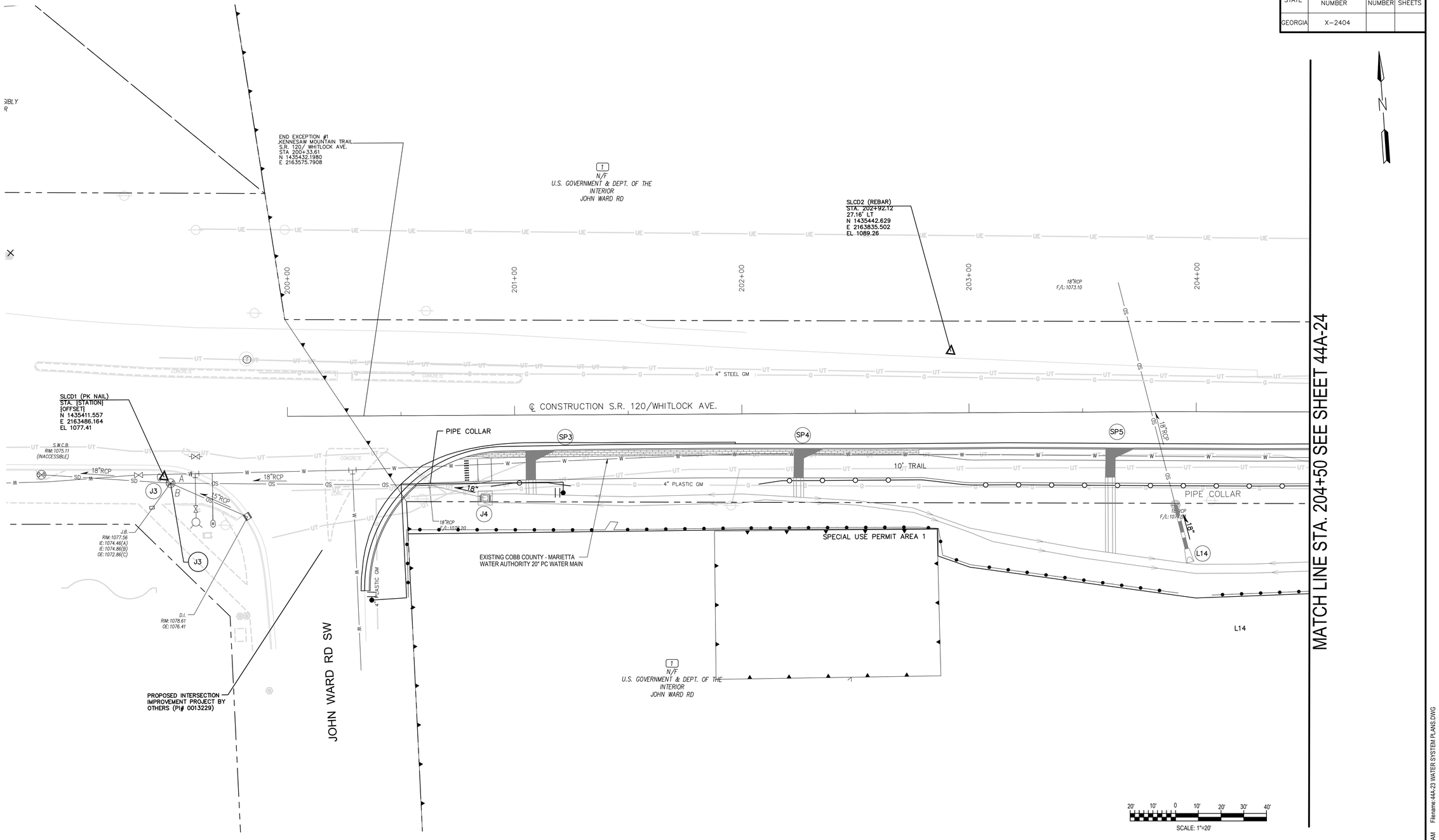
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-22

Date: 7/23/20 Time: 10:37 AM Filename: 44A-22 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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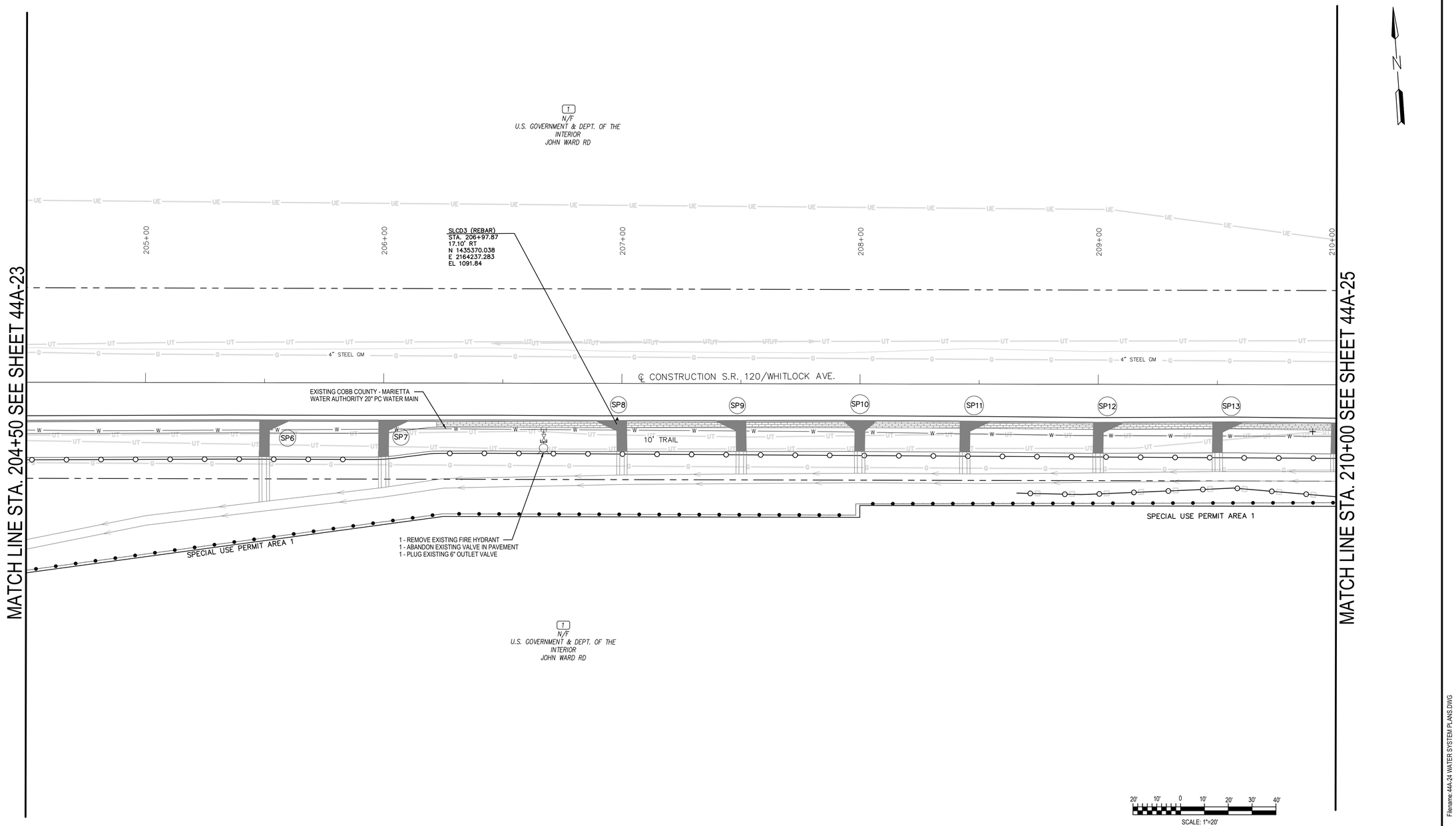
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-23

Date: 7/23/20 Time: 10:38 AM Filename: 44A-23 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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WATER SYSTEM PLANS

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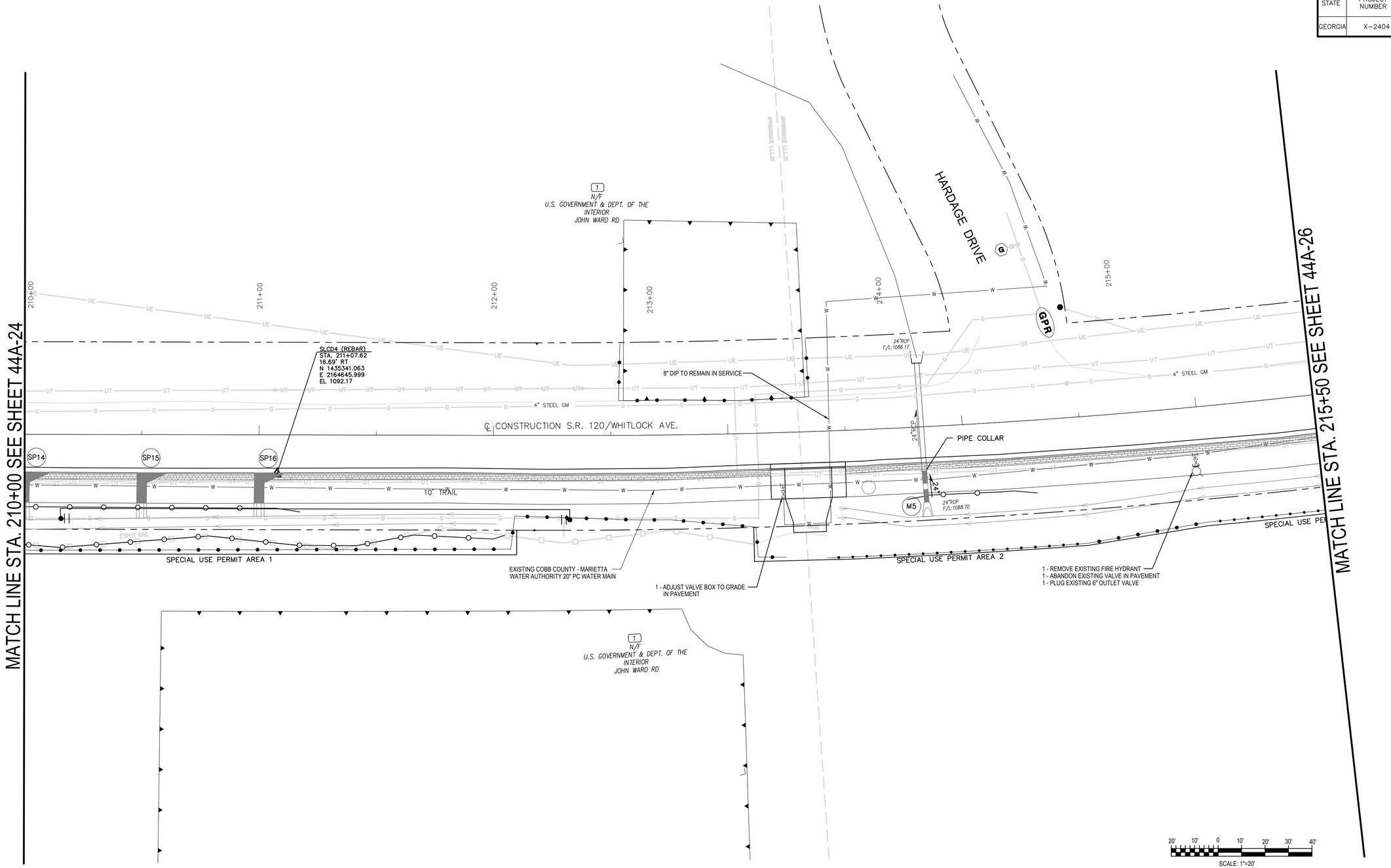
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-24

Date: 7/23/20 Time: 10:40 AM Filename:44A-24 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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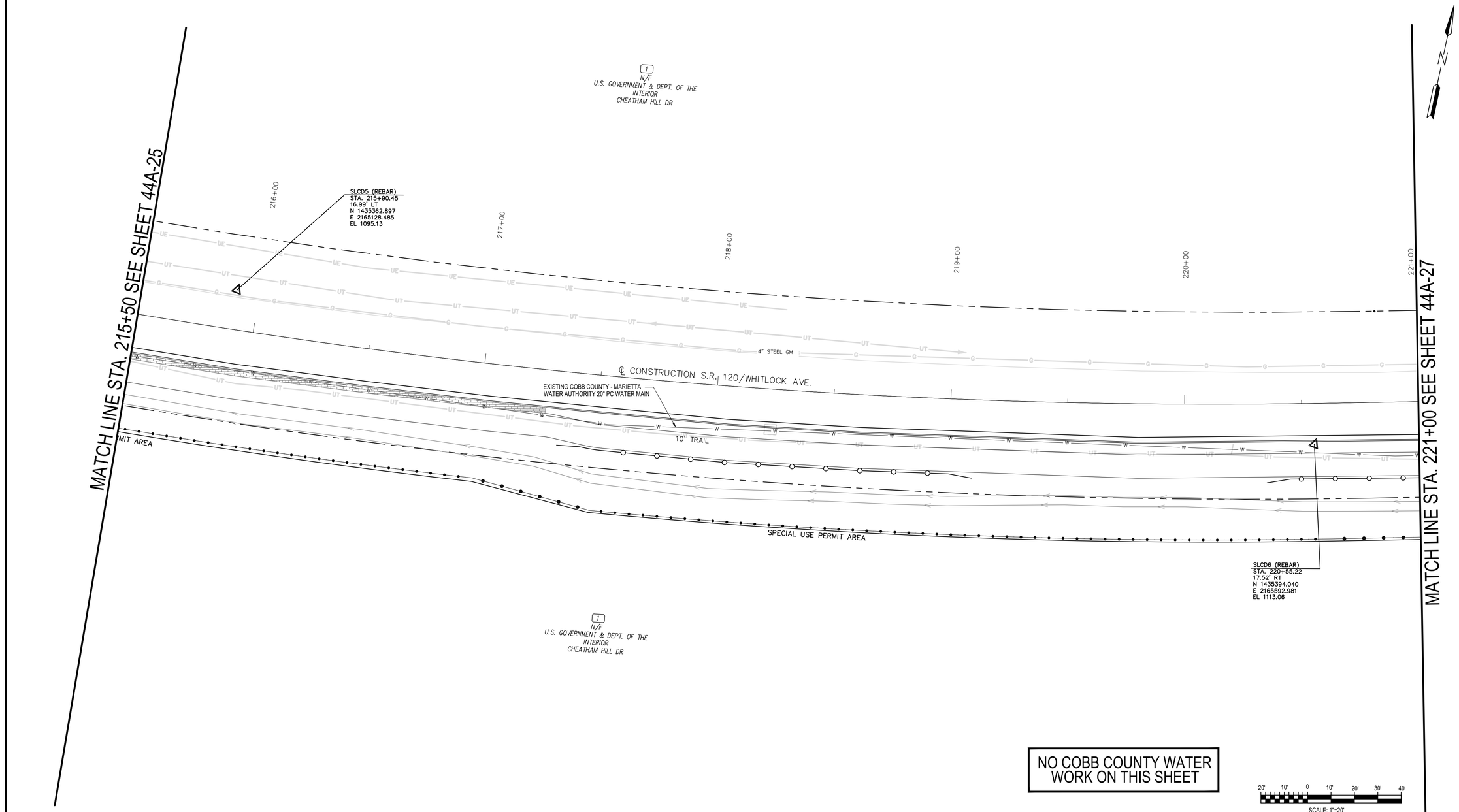
WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-25

Time: 10:41 AM Filename:44A-25 WATER SYSTEM PLANS.DWG
Date: 7/23/20

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		



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Cobb County Water System
Construction Management Services
Phone: (770) 419-6365
Fax: (770) 419-6335

DESIGNED BY:	M. JACKSON
DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

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WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-26

Date: 7/23/20 Time: 10:43 AM Filename:44A-26 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

MATCH LINE STA. 221+00 SEE SHEET 44A-26

221+00

222+00

223+00

224+00

225+00

225+94

20TH DISTRICT
19TH DISTRICT

CITY OF MARIETTA

1
N/F
U.S. GOVERNMENT & DEPT. OF THE INTERIOR
CHEATHAM HILL DR

BEGIN EXCEPTION #2
KENNESAW MOUNTAIN TRAIL
S.R. 120/ WHITLOCK AVE.
STA 225+38.10
N 1435519.6789
E 2166059.5911

SLCD7 (REBAR)
STA. 224+06.83
16.31' LT
N 1435506.062
E 2165928.009
EL 1120.55

4" STEEL GM

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

SP17

10' TRAIL

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 20" PC WATER MAIN

SPECIAL USE PERMIT AREA

2"SPLIT-RAIL

CHEATHAM HILL DR

GATE

1485
N/F
KAREN B. & P. PHILL SHEARER 111
1485 DALLAS CIR.

CITY OF MARIETTA

1
N/F
U.S. GOVERNMENT & DEPT. OF THE INTERIOR
CHEATHAM HILL DR

NO COBB COUNTY WATER WORK ON THIS SHEET

20' 10' 0 10' 20' 30' 40'
SCALE: 1"=20'

Cobb County Water System

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Phone (770) 419-6200

PREPARED BY:
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Cobb County Water System
Construction Management Services
Phone: (770) 419-6365
Fax: (770) 419-6335

DESIGNED BY:	C. GOBLISCH IV
DRAWN BY:	M. JACKSON
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

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WATER SYSTEM PROGRAM NO.
W2404

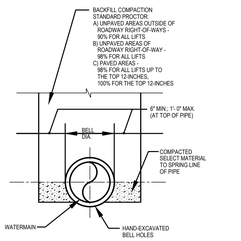
DRAWING NO.
44A-27

Date: 7/23/20 Time: 10:45 AM Filename: 44A-27 WATER SYSTEM PLANS.DWG

STATE	PROJECT NUMBER	SHEET NUMBER	TOTAL SHEETS
GEORGIA	X-2404		

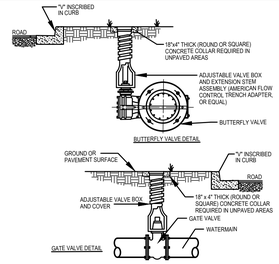
DETAIL 02713-1
COBB COUNTY WATER SYSTEM
WATER MAIN TRENCH DETAIL

FEBRUARY 15, 2006 — AGENCY DIRECTOR



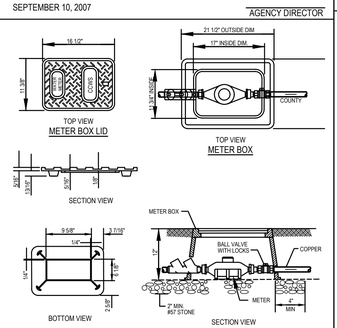
DETAIL 02713-4
COBB COUNTY WATER SYSTEM
VALVE INSTALLATION

JULY 9, 2008 — AGENCY DIRECTOR



DETAIL 02713-14(C)
COBB COUNTY WATER SYSTEM
3/4" & 1" WATER METER BOX & LID DETAIL

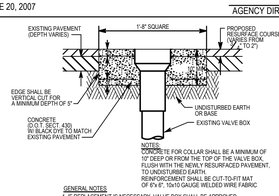
SEPTEMBER 10, 2007 — AGENCY DIRECTOR



NOTE:
1. METER BOX LID TO BE CAST IRON - (VESTAL MFG. CO. OR APPROVED EQUIVALENT).
2. METER BOX TO BE NDS D1200 OR APPROVED EQUIVALENT.

DETAIL 02713-33
COBB COUNTY WATER SYSTEM
VALVE RAISING IN STREET AFTER REPAVING

JUNE 20, 2007 — AGENCY DIRECTOR



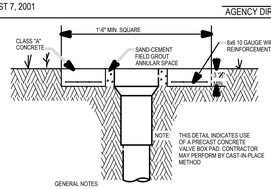
NOTES:
CONCRETE FOR COLLAR SHALL BE A MINIMUM OF 10" DEEP OR FROM THE TOP OF THE VALVE BOX, FLUSH WITH THE NEWLY RESURFACED PAVEMENT, TO UNDISTURBED EARTH. REINFORCEMENT SHALL BE CUT-TO-FIT MAT OF 6"x 6", 10x10 GAUGE WELDED WIRE FABRIC

GENERAL NOTES
1. IF REPLACEMENT IS NECESSARY, VALVE BOX SHALL BE APPROVED STANDARD CAST IRON ADJUSTABLE WITH A MIN. DIA. OF 5 1/4" THE CASTING SHALL BE COATED WITH COAL-TAR PITCH VARNISH. THE LID SHALL BEAR THE WORD "WATER" OR THE LETTER "W" BOXES SHALL BE EQUAL TO VULCAN PATTERN V-V 6-4. NO EXISTING VALVE BOX SHALL BE REUSED IF CRACKED, OR OTHERWISE DAMAGED, OR IF FOUND INAPPROPRIATE FOR SERVICE IN THE LOCATION.

2. VALVE BOX SHALL BE CLEANED OF ANY EXISTING DEBRIS, DIRT, SILT, GRAVEL, ETC. AND/OR STRAIGHTENED TO ENSURE POSITIVE ACCESSIBILITY OF THE VALVE OPERATING NUT OR HANDWHEEL.

DETAIL 02713-32
COBB COUNTY WATER SYSTEM
VALVE RAISING OUT OF PAVEMENT

AUGUST 7, 2001 — AGENCY DIRECTOR



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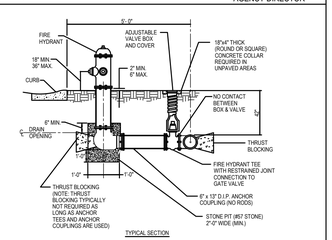
DETAIL 02713-2
COBB COUNTY WATER SYSTEM
FIRE HYDRANT INSTALLATION (SUBDIVISION STANDARD)

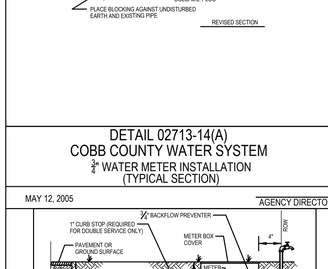
MAY 19, 2015 — AGENCY DIRECTOR



TYPICAL SECTION

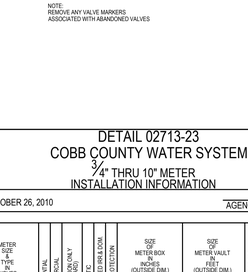
DETAIL 02713-6
COBB COUNTY WATER SYSTEM
LINE ABANDONMENT AT VALVE

AUGUST 7, 2001 — AGENCY DIRECTOR



DETAIL 02713-7
COBB COUNTY WATER SYSTEM
VALVE ABANDONMENT

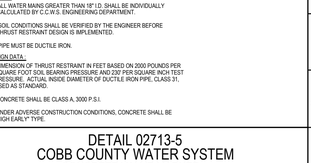
AUGUST 7, 2001 — AGENCY DIRECTOR



NOTE:
REMOVE ANY VALVE MARKERS ASSOCIATED WITH ABANDONED VALVES

DETAIL 02713-12(C)
COBB COUNTY WATER SYSTEM
THRUST RESTRAINT: CONCRETE COLLAR WITH RODDING SYSTEM

AUGUST 7, 2001 — AGENCY DIRECTOR



MINIMUM DIMENSIONS IN FEET FOR CONCRETE COLLAR

ON DUCTILE IRON PIPE TO BE USED WITH EMBEDDED DUCTILE IRON RETAINER GLAND

PIPE SIZE	A	B	C	D	E	VOLUME CU.YDS.	CONC. WT.	THRUST
4"	3'-6"	3'-0"	1'-5"	1'-6"	1'-0"	0.55	2230	3150
6"	4'-0"	3'-0"	2'-7"	2'-0"	1'-0"	1.15	4650	7070
8"	4'-6"	3'-0"	3'-10"	2'-3"	1'-3"	1.50	6075	12,570
10"	5'-2"	3'-0"	5'-2"	2'-7"	1'-3"	1.81	7330	19,635
12"	5'-9"	3'-0"	6'-8"	2'-10½"	1'-6"	2.34	9475	28,775
14"	6'-6"	3'-0"	8'-4"	3'-3"	1'-9"	2.89	11,700	38,490
16"	6'-9"	3'-0"	9'-10"	3'-4"	2'-3"	3.56	14,410	50,270

NOTES:
1. ALL WATER MAINS GREATER THAN 18" I.D. SHALL BE INDIVIDUALLY CALCULATED BY C.C.W.S. ENGINEERING DEPARTMENT.

2. SOIL CONDITIONS SHALL BE VERIFIED BY THE ENGINEER BEFORE THRUST RESTRAINT DESIGN IS IMPLEMENTED.

3. PIPE MUST BE DUCTILE IRON.

DESIGN DATA:
1. DIMENSION OF THRUST RESTRAINT IN FEET BASED ON 2000 POUNDS PER SQUARE FOOT SOIL BEARING PRESSURE AND 200' PSI SQUARE INCH TEST PRESSURE. ACTUAL INSIDE DIAMETER OF DUCTILE IRON PIPE, CLASS 31, USED AS STANDARD.

2. CONCRETE SHALL BE CLASS A, 3000 P.S.I.

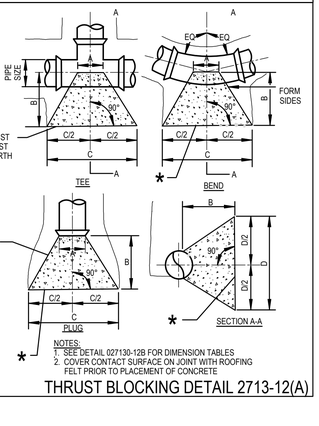
3. UNDER ADVERSE CONSTRUCTION CONDITIONS, CONCRETE SHALL BE "HIGH EARLY" TYPE.

DETAIL 02713-12(B)
COBB COUNTY WATER SYSTEM
THRUST BLOCK DIMENSIONS

AUGUST 7, 2001 — AGENCY DIRECTOR

FITTING	PIPE DIA. (IN.)	THRUST A	THRUST B	BLOCK DIM. C	BLOCK DIM. D	APPROX. VOL. (C.Y.)	BEARING AREA (SQ. FT.)	DESIGN THRUST (LBS.)
90° BEND	6	1.0	1.6	3.9	2.4	0.30	9.3	18,500
	8	1.2	2.1	5.2	3.1	0.66	16.9	31,825
	10	1.5	2.5	6.3	3.8	1.23	23.9	47,675
	12	1.7	3.0	7.5	4.5	2.06	33.8	67,705
	14	2.0	3.5	8.7	5.2	3.20	45.5	90,960
	16	2.2	4.0	9.9	5.9	4.69	58.8	117,645
	18	2.5	4.5	11.1	6.6	6.61	73.9	147,755
	20	2.7	5.0	12.3	7.4	8.95	90.6	181,290
	24	3.3	5.9	14.7	8.8	15.31	129.3	258,650
45° BEND	6	0.5	1.2	2.9	1.7	0.11	4.0	10,015
	8	0.6	1.5	3.8	2.3	0.26	8.6	17,230
	10	0.8	1.9	4.6	2.8	0.47	13.0	25,930
	12	0.9	2.2	5.5	3.3	0.79	18.3	36,655
	14	0.9	2.6	6.4	3.8	1.21	24.6	49,230
	16	1.0	2.9	7.3	4.4	1.78	31.8	63,695
	18	1.1	3.3	8.2	4.9	2.50	40.0	80,000
	20	1.2	3.6	9.0	5.4	3.40	49.1	98,155
	24	1.5	4.3	10.8	6.5	6.81	70.0	140,040
22 1/2° BEND	6	0.5	0.8	2.1	1.2	0.04	2.6	5,120
	8	0.6	1.1	2.7	1.6	0.10	4.4	8,810
	10	0.8	1.3	3.3	2.0	0.18	6.6	13,290
	12	0.9	1.6	4.0	2.4	0.30	9.4	18,740
	14	0.9	1.8	4.6	2.8	0.46	12.6	25,175
	16	1.0	2.1	5.2	3.1	0.67	16.3	32,560
	18	1.1	2.3	5.8	3.5	0.94	20.4	40,895
	20	1.2	2.6	6.5	3.9	1.28	25.1	50,175
	24	1.5	3.1	7.7	4.6	2.19	35.8	71,585
11 1/4° BEND	4	0.5	0.6	1.5	0.9	0.02	1.3	2,980
	6	0.6	0.8	1.9	1.2	0.04	2.2	4,440
	8	0.8	0.9	2.4	1.4	0.07	3.3	6,675
	10	0.8	0.9	2.4	1.4	0.07	3.3	6,675
	12	0.9	1.1	2.8	1.7	0.12	4.7	9,440
	14	0.9	1.3	3.2	2.0	0.17	6.3	12,680
	16	1.0	1.5	3.7	2.2	0.25	8.2	16,400
	18	1.1	1.7	4.2	2.5	0.35	10.3	20,595
	20	1.2	1.8	4.6	3.3	0.48	12.6	25,270
	24	1.5	2.2	5.5	5.8	0.83	18.0	36,055
TEE / PLUG	6	1.0	1.3	3.3	2.0	0.19	6.5	13,080
	8	1.2	1.7	4.3	2.6	0.41	11.2	22,500
	10	1.5	2.1	5.3	3.2	0.76	16.9	33,850
	12	1.7	2.5	6.3	3.8	1.26	23.9	47,870
	14	2.0	2.9	7.3	4.4	1.97	32.2	64,315
	16	2.2	3.3	8.3	5.0	2.88	41.6	83,185
	18	2.5	3.8	9.3	5.6	4.06	52.2	104,475
	20	2.7	4.2	10.4	6.2	5.49	64.1	128,190
	24	3.3	5.0	12.4	7.4	9.40	91.4	182,885

Thrust Block Notes:
1. The dimensions and values in these tables are based on the following:
   a. Water main test pressure = 350 p.s.i.
   b. Horizontal bearing strength of soil = 2,000 p.s.f.
2. The bearing surface of the thrust block shall be placed against undisturbed soil. If this is not possible, the fill between the bearing surface and undisturbed soil shall be compacted to at least 95% Modified Proctor density.

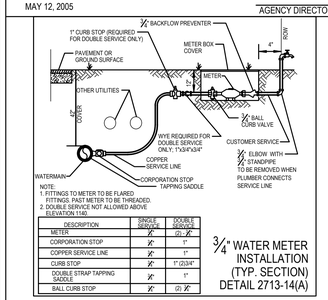


NOTES:
1. SEE DETAIL 027130-12B FOR DIMENSION TABLES
2. COVER CONTACT SURFACE ON JOINT WITH ROOFING FELT PRIOR TO PLACEMENT OF CONCRETE

THRUST BLOCKING DETAIL 2713-12(A)

DETAIL 02713-14(A)
COBB COUNTY WATER SYSTEM
3/4" WATER METER INSTALLATION (TYPICAL SECTION)

MAY 12, 2005 — AGENCY DIRECTOR



NOTE:
1. FITTINGS TO METER TO BE FLARED FITTINGS, PAST METER TO BE THREADED.
2. DOUBLE SERVICE NOT ALLOWED ABOVE ELEVATION 1160.

DESCRIPTION	SINGLE SERVICE	DOUBLE SERVICE
METER	3/4"	(2) 3/4"
CORPORATION STOP	1"	1"
COPPER SERVICE LINE	1"	1"
CURB STOP	1"	1" (2)3/4"
DOUBLE STRAP TAPPING SADDLE	1"	1"
BALL CURB STOP	1"	(2) 1"

3/4" WATER METER INSTALLATION (TYP. SECTION) DETAIL 2713-14(A)

DETAIL 02713-23
COBB COUNTY WATER SYSTEM
3/4" THRU 10" METER INSTALLATION INFORMATION

OCTOBER 26, 2010 — AGENCY DIRECTOR

METER SIZE & TYPE IN INCHES	RESIDENTIAL	COMMERCIAL	IRRIGATION ONLY (NON-POTABLE)	DOMESTIC	COMBINED FIRE & DOM.	FIRE PROTECTION	SIZE OF METER BOX IN INCHES (OUTSIDE DIM.) W x L x D	SIZE OF METER VAULT IN FEET (OUTSIDE DIM.) W x L x D	CCWS VAULT I.D.	REQUIRED EASEMENT IN FEET W x L
3/4" *	X		X	X	X		14 x 28 x 18		#1	NONE
3/4" **		X	X	X	X		14 x 28 x 18		#1	3' x 1'
1" *	X		X	X	X		14 x 28 x 18		#1	NONE
1"		X	X	X	X		14 x 28 x 18		#1	3' x 1'
1"		X	X	X	X		24 x 36 x 18		#2	5 x 6
1" 4SP		X	X	X	X		24 x 36 x 18		#2	5 x 6
2"		X	X	X	X		24 x 36 x 18		#2	5 x 6
2 x 2SP		X		X	X		24 X 36 x 18	-	#2	5 x 6
3 x 2SP		X		X	X			5 x 8 x 3'	A	9 x 15
4 x 2SP		X		X	X			5 x 8 x 3'	A	9 x 15
6 DC	X					X		5 x 8 x 3'	A	9 x 15
4 ONx 1.5 or 2		X			X	X		7 x 13 x 3'	B	11 x 19
8 DC		X			X	X		7 x 13 x 3'	A	9 x 15
6 TBx 2		X			X	X		7 x 13 x 3'	B	11 x 19
10 DC		X			-	X		5 x 8 x 3'	C	9 x 3'
10 TBx 2		X			X	X		11 x 19 x 3'	D	19 x 17

4SRP	WITH 2" BYPASS LINE
DC	DOUBLE CHECK VALVE ASSEMBLY WITH NO BYPASS LINE (FIRE PROTECTION ONLY)
5/8 x 1 1/2 or 2	1" DRILINE AND MASTER METER - 6" SIZE OF FIRE LINE METER, 1.5" or 2" SIZE OF LOW FLOW METER. ALL FM METERS INCLUDE 6" BYPASS LINE.

CCWS ID

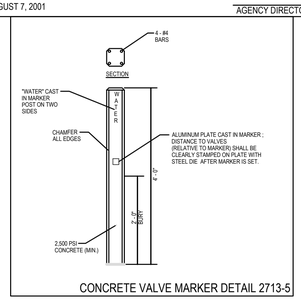
#1	STANDARD 12" x 17" METER BOX
#2	STANDARD 24" x 36" x 18" METER BOX
A	4'-0" x 7'-0" x 4'-0" CONCRETE VAULT WITH LID. HATCH 3'-0"x 3'-0"x 0'- * REC.
B	6'-0" x 12'-0" x 5'-0" CONCRETE VAULT WITH LID. HATCH 3'-0"x 3'-0"x 0'- * REC.
C	4'-0" x 6'-0" x 5'-0" CONCRETE VAULT WITH LID. HATCH 3'-0"x 3'-0"x 0'- * REC.
D	10'-0" x 14'-0" x 5'-0" CONCRETE VAULT WITH LID. HATCH 4'-0"x 4'-0"x 0'- * REC.

REQUIRED EASEMENT 3' x 1' EQUALS FOOTAGE ALONG RIGHT OF WAY; 4 EQUALS FOOTAGE PERPENDICULAR TO RIGHT OF WAY.

* CCWS WILL PROVIDE AND 1" BACKFLOW DEVICES TO BE INSTALLED WITH RESIDENTIAL AND 1" METER INSTALLATIONS.

DETAIL 02713-5
COBB COUNTY WATER SYSTEM
CONCRETE VALVE MARKER

AUGUST 7, 2001 — AGENCY DIRECTOR



CONCRETE VALVE MARKER DETAIL 2713-5

Cobb County Water System

660 South Cobb Drive
Marietta, Georgia 30060-3105
Phone (770) 419-6200

PREPARED BY:
JACOBS
Cobb County Water System
Construction Management Services
Phone: (770) 419-6365
Fax: (770) 419-6335

DESIGNED BY:	M. JACKSON
DRAWN BY:	R. YOUNG
REVIEWED BY:	A. KENNEDY
APPROVED BY:	W. COLLINS
DATE:	JULY 2020
SCALE:	AS SHOWN

NO.	DATE	REVISIONS

WATER SYSTEM PLANS

KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

THIS PROJECT IS LOCATED IN LAND LOTS 32, 33, 105, 106, 117, 180, 181, 190, 191, 254, 255, 263, 264, 287, 288, 322, 323, 329, 330, 337, & 1224 OF THE 16th, 19th, & 20th DISTRICT, IN THE 2nd SECTION, OF COBB COUNTY, GEORGIA

WATER SYSTEM PROGRAM NO.
W2404

DRAWING NO.
44A-28

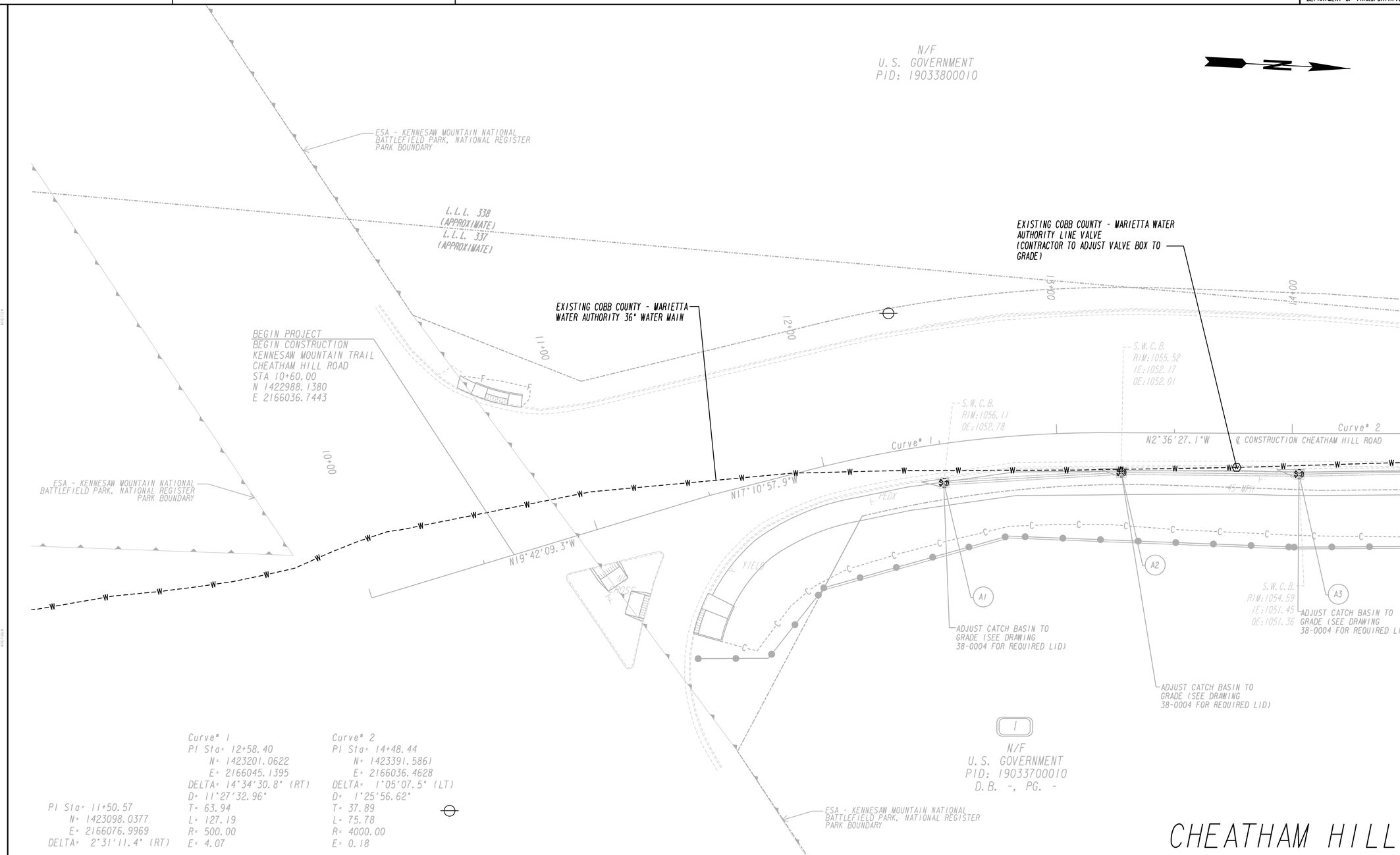
Date: 7/23/20 Time: 10:45 AM Filename: 44A-28 CONSTRUCTION DETAILS.DWG

8/5/2020 4:58:58 PM $PRF8$ J:\2017030\Data\Received\Cobb County\Utilities\2020-07-21 CCMWA Final Relocations\H&L Working\0015279_44B-0001_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

P. I. No. X2404



Curve# 1
PI Sta= 12+58.40
N= 1423201.0622
E= 2166045.1395
DELTA= 14°34'30.8" (RT)
D= 11°27'32.96"
T= 63.94
L= 127.19
R= 500.00
E= 4.07

Curve# 2
PI Sta= 14+48.44
N= 1423391.5861
E= 2166036.4628
DELTA= 1°05'07.5" (LT)
D= 1°25'56.62"
T= 37.89
L= 75.78
R= 4000.00
E= 0.18

PI Sta= 11+50.57
N= 1423098.0377
E= 2166076.9969
DELTA= 2°31'11.4" (RT)

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CCMWA UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0001

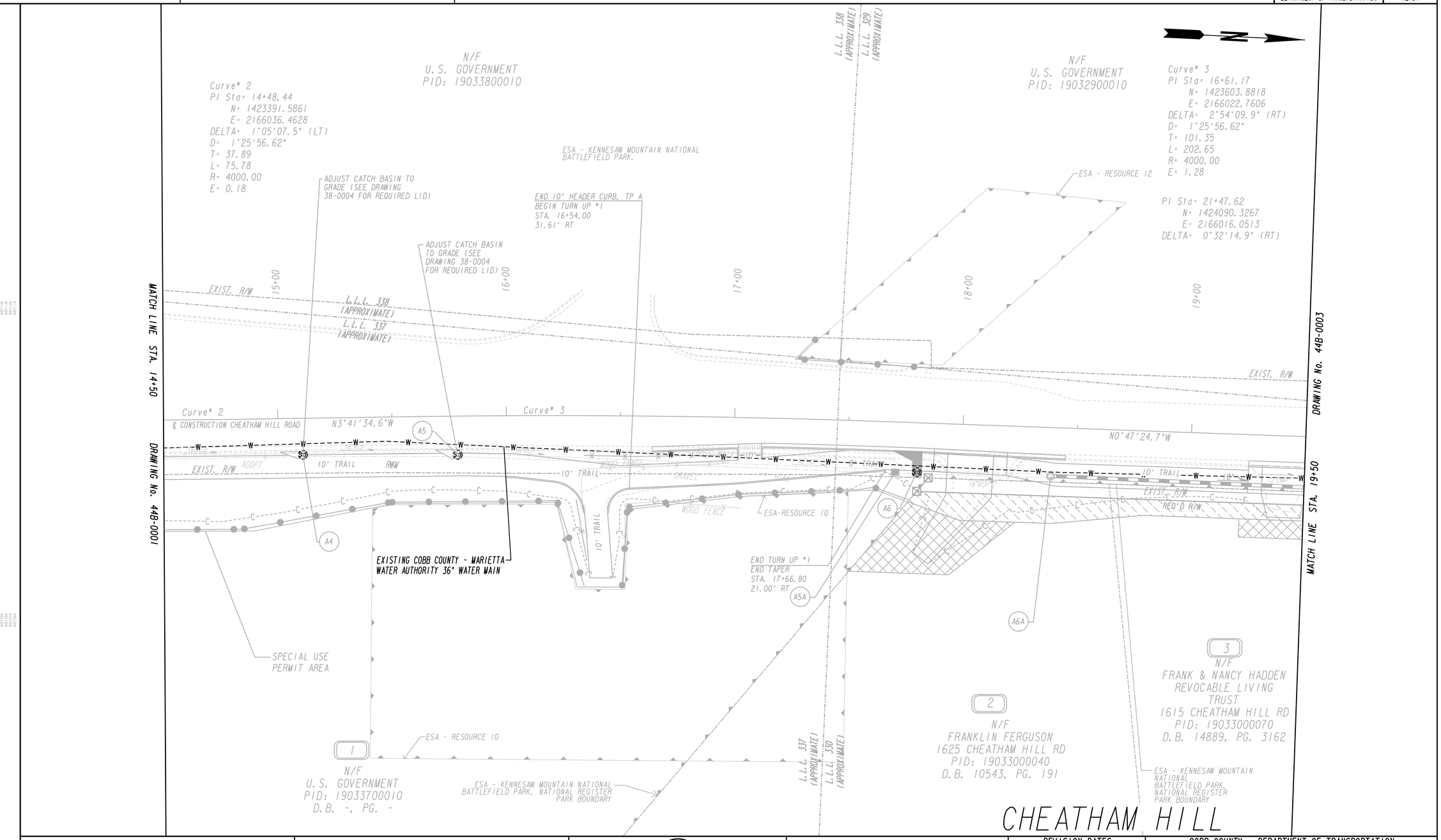
7/31/2015 GPLN

8/5/2020 4:59:03 PM | $PRF8$ | J:\2017030\Data\Received\Cobb County\Utilities\2020-07-21 CCMWA Final Relocations\H&L Working\0015279_44B-0002_(CH).dgn

USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P. I. No.
X2404



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
44B-0002

7/31/2015 GPLN

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)

N

N/F
U.S. GOVERNMENT
CHEATHAM HILL RD
PID: 19032900010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 2

MATCH LINE STA. 19+50 DRAWING No. 44B-0002

20+00 21+00 22+00 23+00 24+00

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

EXIST. R/W

L.L.L. 329 (APPROXIMATE)
L.L.L. 330 (APPROXIMATE)

N0°47'24.7"W

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°15'09.8"W

10' TRAIL

18"

18" DIP

24" RCP

REQ'D R/W

A7

A9

A13

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

3
N/F
FRANK & NANCY HADDEN
REVOCABLE LIVING
TRUST
1615 CHEATHAM HILL RD
PID: 19033000070
D.B. 14889, PG. 3162

4
N/F
DAVID SKILLING
1605 CHEATHAM HILL RD
PID: 19033000050
D.B. 15309, PG. 5371

5
N/F
GRUBER DAVID
1495 KOLB LN
PID: 19033000180
D.B. 14926, PG. 2530

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

WETLAND 1

INTERMITTENT STREAM 2

MATCH LINE STA. 24+50 DRAWING No. 44B-0004

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

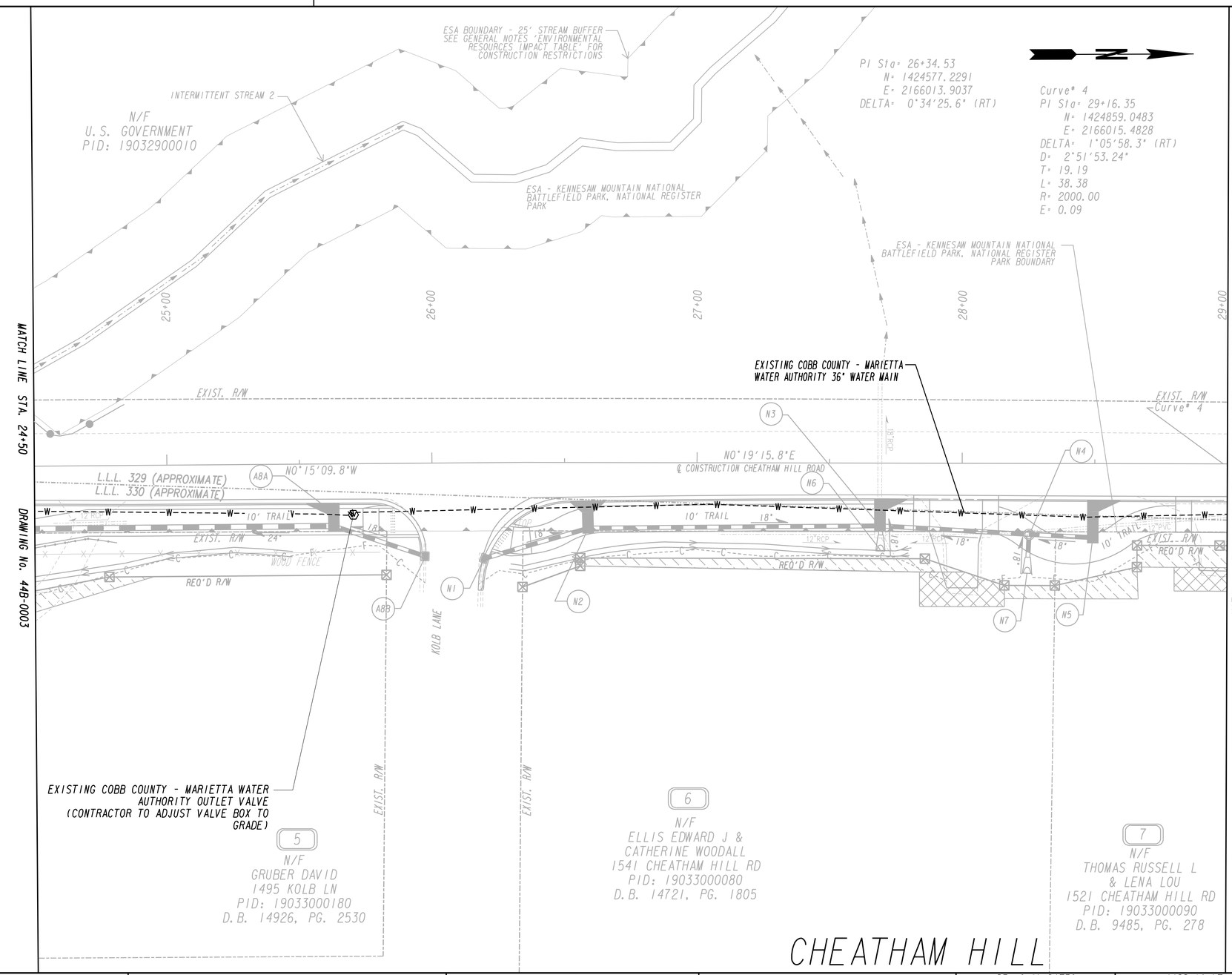
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 44B-0003

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0004

7/31/2015 GPLN

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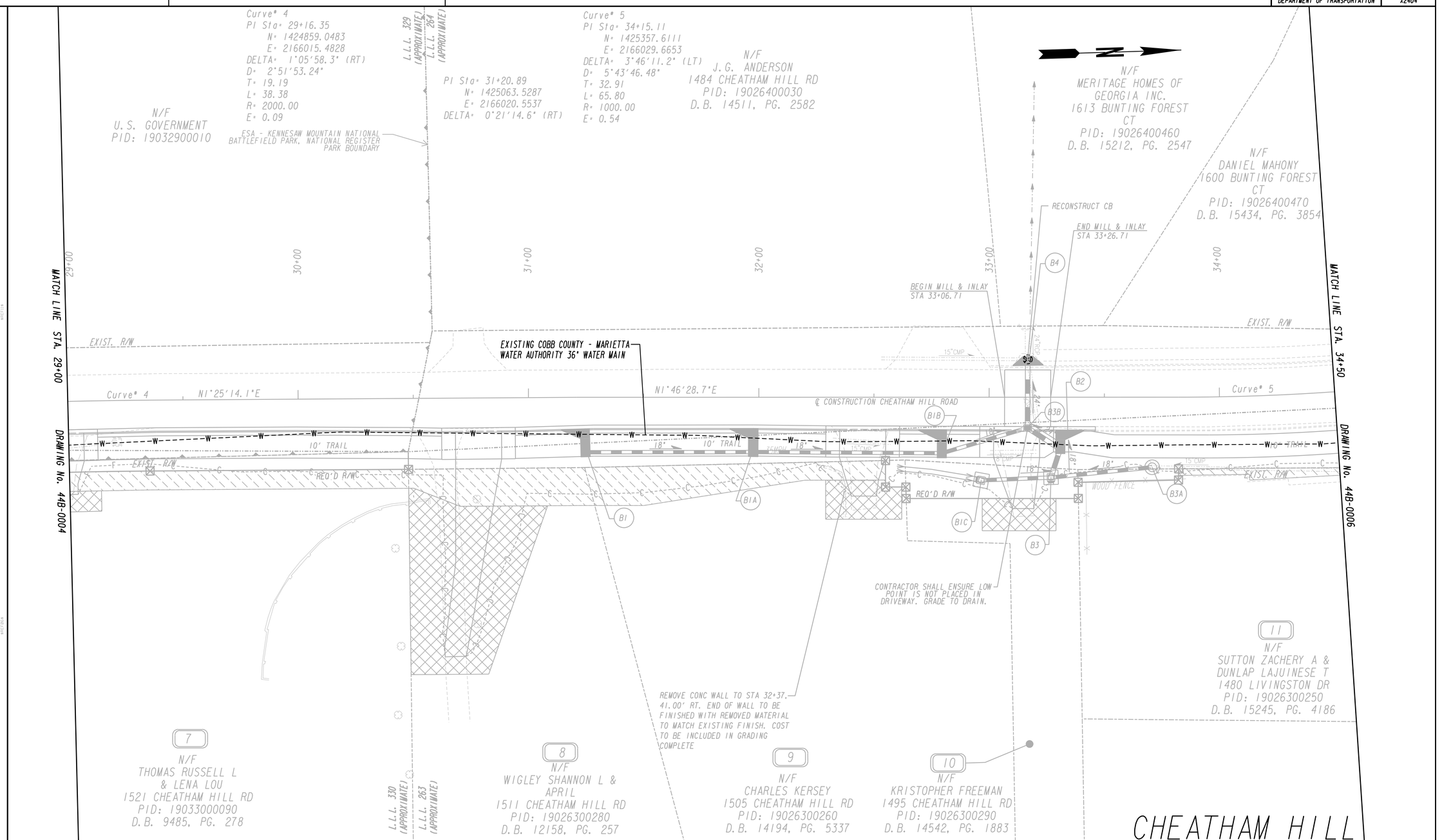
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404



CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0005

7/31/2015 GPLN

MATCH LINE STA. 34+50

DRAWING No. 44B-0005

MATCH LINE STA. 39+00

DRAWING No. 44B-0007

N/F
DANIEL MAHONY
1600 BUNTING FOREST CT
PID: 19026400470
D.B. 15434, PG. 3854

N/F
LINDA MCMURRAY
1610 BUNTING FOREST CT
PID: 19026400480
D.B. 15414, PG. 1511

N/F
ZHEN LI
1616 BUNTING FOREST CT
PID: 19026400490
D.B. 15372, PG. 487

Curve* 7
PI Sta= 36+32.99
N= 1425567.4406
E= 2165982.4772
DELTA= 21°44'57.2" (LT)
D= 23°46'27.06"
T= 46.30
L= 91.48
R= 241.00
E= 4.41

Curve* 8
PI Sta= 37+52.80
N= 1425650.5326
E= 2165894.6215
DELTA= 25°08'07.9" (LT)
D= 17°06'59.41"
T= 74.63
L= 146.85
R= 334.74
E= 8.22

Curve* 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

Curve* 6
PI Sta= 35+31.87
N= 1425474.3155
E= 2166025.5998
DELTA= 22°51'06.6" (LT)
D= 20°33'32.27"
T= 56.32
L= 111.15
R= 278.69
E= 5.63

N11°59'42.5"W

N24°50'49.2"W

N46°35'46.3"W

N71°43'54.2"W

35+00

36+00

37+00

38+00

39+00

EXIST. R/W

10' TRAIL

6' CONSTRUCTION CHEATHAM HILL ROAD

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

WOOD FENCE

11
N/F
SUTTON ZACHERY A &
DUNLAP LAJUINESE T
1480 LIVINGSTON DR
PID: 19026300250
D.B. 15245, PG. 4186

12
N/F
MCCAULEY JOHN F
& REBECCA T
1479 LIVINGSTON DR
PID: 19026300080
D.B. 10930, PG. 224

13
N/F
DORIS SANTORO
1503 LARSON WAY
PID: 19026400190
D.B. 7288, PG. 92

14

LIVINGSTON DRIVE

L.L.L. 264 (APPROXIMATE)

L.L.L. 263 (APPROXIMATE)

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0006

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

Curve# 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

N/F
FERNAN PERALTA
1622 BUNTING FOREST CT
PID: 19026400500
D.B. 15347, PG. 277

N/F
ZHEN LI
1616 BUNTING FOREST CT
PID: 19026400490
D.B. 15372, PG. 487

N/F
MERITAGE HOMES OF GEORGIA INC.
1628 BUNTING FOREST CT
PID: 19026400510
D.B. 15212, PG. 2547

N/F
ANDREW LAX
1628 BUNTING FOREST CT
PID: 19026400520
D.B. 15414, PG. 1069

N/F
CORALIE WILLS
1505 LARSON WAY
PID: 19026400200
D.B. 14629, PG. 157

N/F
DURAN RODRIGUEZ
1640 BUNTING FOREST CT
PID: 19026400530
D.B. 15406, PG. 383

39+00 | 40+00 | 41+00 | 42+00 | 43+00

DRAWING No. 44B-0006 MATCH LINE STA. 39+00

DRAWING No. 44B-0008 MATCH LINE STA. 43+50

EXIST. R/W | 18"RCP | EXIST. R/W

Curve# 9

℄ CONSTRUCTION CHEATHAM HILL ROAD

N75°31'24.8"W

℄ INTERSECTION

5' TRAIL | 8' TRAIL | 10' TRAIL | 35 MPH

EXIST. R/W | WOOD FENCE | EXIST. R/W

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY OUTLET VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)

14
N/F
RING PATRICK J
& DIONNE C
1505 LARSON WAY
PID: 19026400200
D.B. 14629, PG. 157

15
N/F
CORALIE WILLS
1507 LARSON WAY
PID: 19026400210
D.B. 10400, PG. 293

16
N/F
MICHAEL HAMLIN
1421 LIVINGSTON DR
PID: 19026400230
D.B. 14392, PG. 4703

13
N/F
DORIS SANTORO
1503 LARSON WAY
PID: 19026400190
D.B. 7288, PG. 92

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CCMWA UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: | DATE: | BACKCHECKED: | DATE: | CORRECTED: | DATE: | VERIFIED: | DATE:

DRAWING No. 44B-0007

7/31/2015 GPLN

8/5/2020 4:59:37 PM
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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404

N/F
CORALIE WILLS
1505 LARSON WAY
PID: 19026400200
D.B. 14629, PG. 157

N/F
MERITAGE HOMES OF GEORGIA INC.
1348 TANAGER BRIDGE CT
PID: 19026400250
D.B. 15212, PG. 2547

Curve# 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15"
T= 78.28
L= 155.70
R= 605.91
E= 5.04

N/F
SF AEW ACQUISITION
TANAGER BRIDGE CT
PID: 19026400560
D.B. 14621, PG. 1881

TANAGER BRIDGE COURT

EXIST. R/W

44+00

45+00

46+00

47+00

18"CMP

DRAWING No. 44B-0007

MATCH LINE STA. 43+50

DRAWING No. 44B-0009

MATCH LINE STA. 47+50

℄ CONSTRUCTION CHEATHAM HILL ROAD N75°31'24.8"W

Curve# 10

10' TRAIL

WOOD FENCE

EXISTING COBB COUNTY - MARIETTA
WATER AUTHORITY 36" WATER MAIN

WYCKFORD

LIVINGSTON DRIVE

16
N/F
MICHAEL HAMLIN
1421 LIVINGSTON DR
PID: 19026400230
D.B. 14392, PG. 4703

17
N/F
ERIC MITCHELL
1404 LIVINGSTON DR
PID: 19026400040
D.B. 14858, PG. 4733

18
N/F
RIDENOUR REC & HOA INC
1195 WARD CREEK DR
PID: 19026400240
P.B. 134, PG. 83

WETLAND 3

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

		DATE:	
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BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
44B-0008

7/31/2015 GPLN

Curve* 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15"
T= 78.28
L= 155.70
R= 605.91
E= 5.04

Curve* 11
PI Sta= 48+19.55
N= 1425958.9266
E= 2164873.6330
DELTA= 13°48'07.8" (RT)
D= 16°57'01.48"
T= 40.91
L= 81.43
R= 338.02
E= 2.47

Curve* 12
PI Sta= 49+50.52
N= 1426048.5158
E= 2164777.5669
DELTA= 28°43'54.9" (RT)
D= 17°31'31.43"
T= 83.73
L= 163.94
R= 326.93
E= 10.55

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve* 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW
PID: 19025400010
D.B. 3921, PG. 118

N/F
SF AEW ACQUISITION
TANAGER BRIDGE CT
PID: 19026400560
D.B. 14621, PG. 1881

48+00
49+00
50+00
51+00

TRACT 1
TRACT 2

L.L.L. 265 (APPROXIMATE)
L.L.L. 264 (APPROXIMATE)

EXIST. R/W

Curve* 10
N60°48'00.8"W @ CONSTRUCTION CHEATHAM HILL ROAD N46°59'53.0"W
Curve* 11
Curve* 12
N18°15'58.0"W
Curve* 13

10' WATER CAUTION
10' TRAIL CAUTION
EXIST. R/W
REQ'D R/W

MATCH LINE STA. 47+50
DRAWING No. 44B-0008
MATCH LINE STA. 51+50
DRAWING No. 44B-0010

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

SPECIAL DESIGN SPILLWAY
STA. 50+18.51
17.96' RT
SEE DRAWING 38-0001
FOR DETAILS

WETLAND 3

18
N/F
RIDENOUR REC & HOA INC
1195 WARD CREEK DR
PID: 19026400240
P.B. 134, PG. 83

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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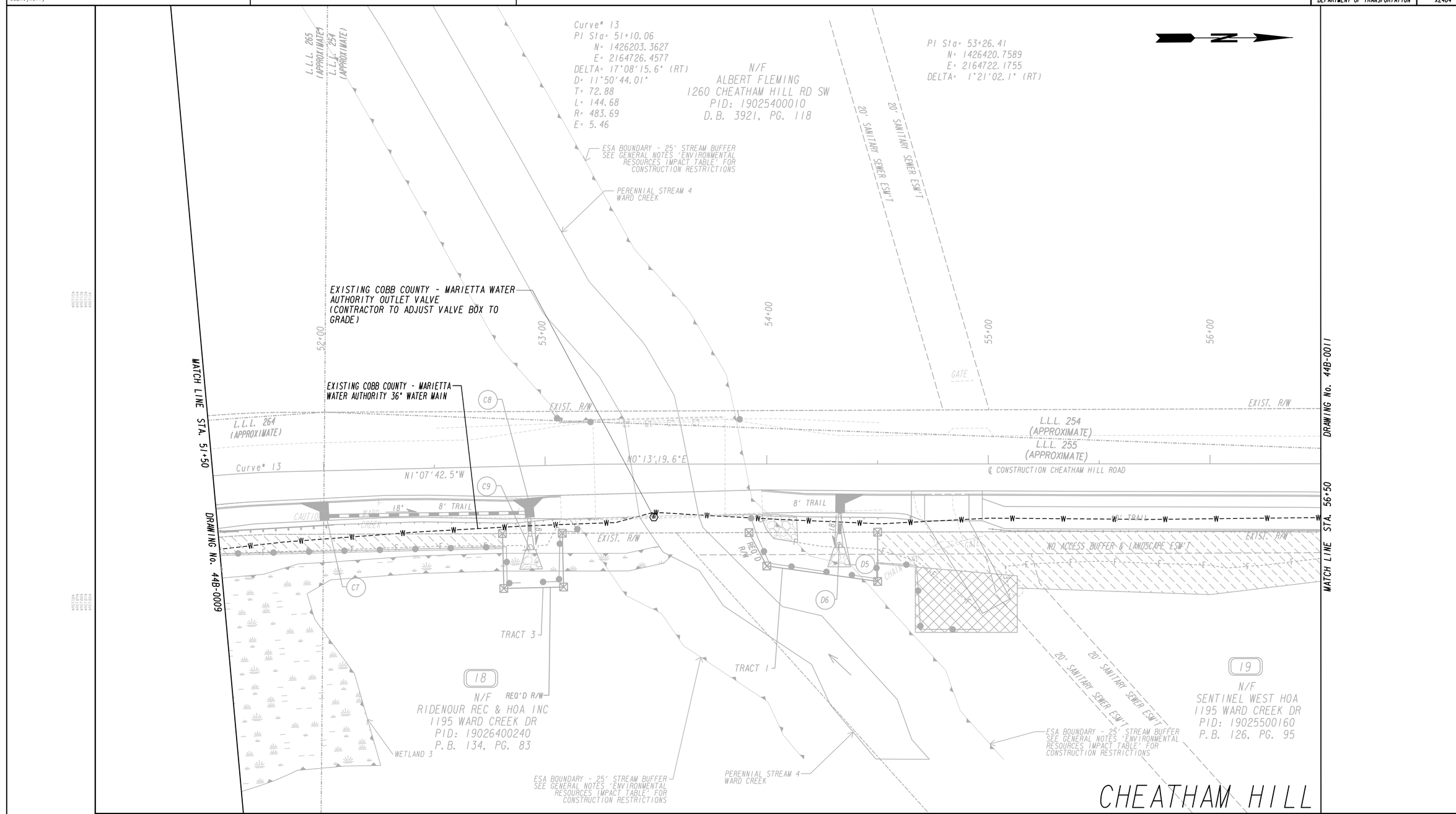
DRAWING No. 44B-0009

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
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LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 44B-0010

7/31/2015 GPLN

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USER:jkelly

MATCH LINE STA. 56+50

DRAWING No. 44B-0010

N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW
PID: 19025400010
D.B. 3921, PG. 118

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19025400030
D.B. 2358, PG. 165

PI Sta= 60+97.14
N= 1427191.4877
E= 2164725.1633
DELTA= 0°30'22.2" (LT)

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY OUTLET VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

57+00 58+00 59+00 60+00 61+00 62+00

EXIST. R/W

L.L.L. 254 (APPROXIMATE)

L.L.L. 255 (APPROXIMATE)

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°13'19.6"E

N0°17'02.6"W

10' TRAIL

EXIST. R/W

WOOD FENCE

8' TRAIL

REQ'D R/W

TRACT 2

NO ACCESS BUFFER & LANDSCAPE ESM'T

NO ACCESS BUFFER & LANDSCAPE ESM'T

J1 J2 J3

STOP

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

TRACT 1

20' DRAINAGE ESM'T

WARD CREEK DRIVE

19
N/F
SENTINEL WEST HOA
1195 WARD CREEK DR
PID: 19025500160
P.B. 126, PG. 95

20
N/F
JOHN EDISON
1188 WARD CREEK DR
PID: 19025500020
D.B. 13490, PG. 328

CHEATHAM HILL

MATCH LINE STA. 62+00

DRAWING No. 44B-0012

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

PI Sta= 64+61.93
N= 1427556.2710
E= 2164723.3548
DELTA= 0°25'58.8" (RT)

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19025400030
D.B. 2358, PG. 165

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19019100040
D.B. 2358, PG. 165

L.L.L. 254 (APPROXIMATE)
L.L.L. 191 (APPROXIMATE)

N/F
JOHN SCHULZ
1130 CHEATHAM HILL RD
PID: 19019100030
D.B. 14527, PG. 4252

N

MATCH LINE STA. 62+00

62+00 63+00 64+00 65+00 66+00 67+00

MATCH LINE STA. 67+50

BEGIN MILL & INLAY
STA 62+25.00

STA (WM): 0+46±
STA (RD): 62+52±
1-45° MJ BEND W/ MEGALUGS

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN (TO BE REMOVED)

NO°08'56.1"E
NO°17'02.6"W
℄ CONSTRUCTION CHEATHAM HILL ROAD

TRACT 3

4MPH

L.L.L. 255 (APPROXIMATE)
L.L.L. 254 (APPROXIMATE)
L.L.L. 191 (APPROXIMATE)
L.L.L. 190 (APPROXIMATE)

WOOD FENCE
10' NO ACCESS BUFFER & LANDSCAPE ESM'T
20' DRAINAGE ESM'T

DRAWING No. 44B-0011

DRAWING No. 44B-0013

STA (WM): 0+31±
STA (RD): 62+41±
1-45° MJ BEND W/ MEGALUGS

STA (WM): 0+23±
STA (RD): 62+33± PROPOSED
36" MJ GATE VALVE W/
MEGALUGS IN 8'DIA. MH
1-CTS

COBB COUNTY - MARIETTA WATER AUTHORITY
PROPOSED 36" DIP PC 200

STA (WM): 0+11±
STA (RD): 62+21±
PROPOSED 6" A/V VALVE ASSEMBLY
IN 6' DIA. MH

STA (WM): 0+00±
STA (RD): 62+10±
BEGIN COBB COUNTY - MARIETTA WATER
AUTHORITY 36" DIP PC 200
CONNECT TO EXISTING 36" PCCP
(SEE DETAIL CD-1)

20
N/F
JOHN EDISON
1188 WARD CREEK DR
PID: 19025500020
D.B. 13490, PG. 328

21
N/F
VICKIE THOMAS
1202 LARSON LN
PID: 19025500040
D.B. 15427, PG. 1281

N/F
CHARLES REY
1200 LARSON LN
PID: 19025500050
D.B. 10767, PG. 63

23
N/F
JOSE COLON
1198 LARSON LN
PID: 19019000040
D.B. 14223, PG. 4525

24
N/F
ALVIN MITCHELL
1196 LARSON LN
PID: 19019000050
D.B. 12456, PG. 521

25
N/F
WAYNE WAGLEY
1194 LARSON LN
PID: 19019000060
D.B. 14624, PG. 2660

L.L.L. 255 (APPROXIMATE)
L.L.L. 190 (APPROXIMATE)

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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DRAWING No. 44B-0012

7/31/2015 GPLN

8/20/2020 8:16:45 AM $PRF8$ J:\2017030\Data\Received\Cobb County\Utilities\2020-07-21 CCMWA Final Relocations\H&L Working\0015279_44B-0013_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P.I. No. X2404

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

N/F
JOHN SCHULZ
1130 CHEATHAM HILL RD
PID: 19019100030
D.B. 14527, PG. 4252

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

N/F
CLINTON CARLILE
1120 CHEATHAM HILL RD
PID: 19019100060
D.B. 14811, PG. 5550

MATCH LINE STA. 67+50

DRAWING No. 44B-0012

68+00 69+00 70+00 71+00 72+00 73+00

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN (TO BE REMOVED)

COBB COUNTY - MARIETTA WATER AUTHORITY PROPOSED 36" DIP PC 200

E1 E2 E3

EXIST. R/W

N0°08'56.1"E

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°03'56.6"W

L.L.L. 191 (APPROXIMATE)

L.L.L. 190 (APPROXIMATE)

18"

10' TRAIL

24"RCP

EXIST. R/W

REQ'D R/W

WOOD FENCE

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

20' DRAINAGE ESM'T

STA. 69+43.98
26.37' RT

END TURN UP *2
STA 68+00.00
25.19' RT

BEGIN WALL 2
GDOT STD PRW-1
HANDRAIL OPTION 2
STA 69+02.16
30.02' RT

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY LINE VALVE (VALVE AND VALVE BOX TO BE REMOVED)

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY ARV (VALVE AND MANHOLE TO BE REMOVED)

24

25
N/F
WAYNE WAGLEY
1194 LARSON LN
PID: 19019000060
D.B. 14624, PG. 2660

26
N/F
GREGORY HIPP
1192 LARSON LN
PID: 19019000070
D.B. 14963, PG. 1173

27
N/F
DOUGLAS FLYNN
1190 LARSON LN
PID: 19019000080
D.B. 12483, PG. 318

28
N/F
RITCHIE LUDY
1188 LARSON LN
PID: 19019000090
D.B. 12604, PG. 252

DRAINAGE ESM'T

29
N/F
RYAN HERSEY
1186 LARSON LN
PID: 19019000100
D.B. 14178, PG. 641

N/F
DONNA STRAUSS
1184 LARSON LN
PID: 19019000110
D.B. 9788, PG. 267

CHEATHAM HILL

MATCH LINE STA. 73+00

DRAWING No. 44B-0014

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 44B-0013

7/31/2015 GPLN

N/F
CLINTON CARLILE
1120 CHEATHAM HILL RD
PID: 19019100060
D.B. 14811, PG. 5550

N/F
1090 CHEATHAM HILL ROAD TRUST
1090 CHEATHAM HILL RD
PID: 19019100010
D.B. 15276, PG. 5790

MATCH LINE STA. 73+00

DRAWING No. 44B-0013

73+00 74+00 75+00 76+00 77+00 78+00

STA (WM): 14+57±
STA (RD): 76+62±
1-45° MJ BEND W/ MEGALUGS

END WALL 2
GDOT STD PRW-1
HANDRAIL OPTION 2
STA 76+00.00
26.97' RT

STA (WM):14+75±
STA (RD): 76+75±
1-45° MJ BEND W/ MEGALUGS

END MILL & INLAY
STA 77+00.00

EXISTING COBB COUNTY - MARIETTA
WATER AUTHORITY 36" WATER MAIN
(TO BE REMOVED)

L.L.L. 191
(APPROXIMATE)
L.L.L. 190
(APPROXIMATE)

℄ CONSTRUCTION CHEATHAM HILL ROAD N0°03'56.6"W

BEGIN 10" HEADER CURB
STA 77+25.00
25.41' RT

END 10" HEADER CURB
STA 77+96.00
25.64' RT

10' TRAIL

10' TRAIL

10' NO ACCESS BUFFER
& LANDSCAPE ESM'T

20' DRAINAGE ESM'T

WOOD FENCE

GATE/PRIVATE

6' WOOD AND ROCK
COLUMN FENCE

REQ'D R/W

TRACT 2

STA (WM): 14+82±
STA (RD): 76+82±
PROPOSED 6" A/V VALVE ASSEMBLY
IN 6' DIA. MH

STA (WM): 14+94±
STA (RD): 76+94
PROPOSED 36" MJ GATE VALVE
W/ MEGALUGS IN 8'DIA. MH
1-CTS

COBB COUNTY - MARIETTA WATER
AUTHORITY PROPOSED 36" DIP
PC 200

10' NO ACCESS BUFFER
& LANDSCAPE ESM'T

TRACT 1
REQ'D R/W

STA (WM): 15+05±
STA (RD): 77+06±
END COBB COUNTY - MARIETTA WATER
AUTHORITY 36" DIP PC 200
CONNECT TO EXISTING 36" PCCP
(SEE DETAIL CD-2)

30'x30'
BELL SOUTH
ESM'T

31
N/F
JAY HOLLAND
1182 LARSON LN
PID: 19019000120
D.B. 15454, PG. 5491

32
N/F
CRYSTAL JOHNSON
1154 WARD CREEK DR
PID: 19019000330
D.B. 15141, PG. 3375

33
N/F
HOMER CALDWELL
1152 WARD CREEK DR
PID: 19019000340
D.B. 5099, PG. 162

34
N/F
SUSANNE GANN
1150 WARD CREEK DR
PID: 19019000350
D.B. 15005, PG. 6296

N/F
DONNA STRAUSS
1184 LARSON LN
PID: 19019000110
D.B. 9788, PG. 267

MATCH LINE STA. 78+50

DRAWING No. 44B-0015

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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44B-0014

7/31/2015 GPLN

8/5/2020 5:00:16 PM USER:jkelly	$PRF8$	J:\2017030\Data\Received\Cobb County\Utilities\2020-07-21 CCMWA Final Relocations\H&L Working\0015279_44B-0015_(CH).dgn	COBB COUNTY DEPARTMENT OF TRANSPORTATION	P.I. No. X2404

N/F
1090 CHEATHAM HILL ROAD TRUST
1090 CHEATHAM HILL RD
PID: 19019100010
D.B. 15276, PG. 5790

Curve# 14
PI Sta= 80+91.82
N= 1429186.1616
E= 2164724.2966
DELTA= 18°21'30.8" (LT)
D= 7°38'21.97"
T= 121.20
L= 240.31
R= 750.00
E= 9.73

Curve# 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

N/F
BENJAMIN STICK
960 CHEATHAM HILL RD
PID: 19018000210
D.B. 14742, PG. 1647

35' INGRESS/EGRESS AND UTILITY EASEMENT

L.L.L. 191 (APPROXIMATE)
L.L.L. 180 (APPROXIMATE)

N/F
MARK MCLAIN
1040 CHEATHAM HILL RD
PID: 19018000040
D.B. 13669, PG. 5823

79+00
80+00
81+00
82+00
83+00

DRAWING No. 44B-0014

MATCH LINE STA. 78+50

EXIST. R/W

NPS MONUMENT
N 1428962.7859
E 2164756.0575
EL:1010.79

℄ CONSTRUCTION CHEATHAM HILL ROAD N0°03'56.6"W

L.L.L. 180 (APPROXIMATE)
L.L.L. 181 (APPROXIMATE)

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

Curve# 15

N18°25'27.4"W

MATCH LINE STA. 29+00

DRAWING No. 44B-0016

EXIST. R/W

REQ'D R/W

EXIST. R/W

NATIONAL PARK MONUMENT

REQ'D R/W

10' TRAIL

DRIVEWAY EASMT 1

30'x30' BELL SOUTH ESM'T

SPECIAL USE PERMIT AREA

34
N/F
SUSANNE GANN
1150 WARD CREEK DR
PID: 19019000350
D.B. 15005, PG. 6296

L.L.L. 180 (APPROXIMATE)
L.L.L. 181 (APPROXIMATE)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

35
N/F
U.S. GOVERNMENT
PID: 19018100020

36
N/F
SCOTT CAMPBELL
955 CHEATHAM HILL RD
PID: 19018000060
D.B. 13822, PG. 2534

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No. 44B-0015

7/31/2015 GPLN

Curve* 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

PI Sta= 85+71.90
N= 1429613.7869
E= 2164510.0754
DELTA= 2°11'22.1" (LT)

N/F
SAMUEL BRASINGTON
1655 CAVAN DR
PID: 19018000200
D.B. 15123, PG. 327

N/F
WAYNE RIDLEN
1658 CAVAN DR
PID: 19018000110
D.B. 14291, PG. 4205

N/F
BENJAMIN STICK
960 CHEATHAM HILL RD
PID: 19018000210
D.B. 14742, PG. 1647

BEGIN WALL 3B
STA. 87+30.90
GA STD 9031L
34.91' RT

MATCH LINE STA. 29+00
DRAWING No. 44B-0015
MATCH LINE STA. 88+00
DRAWING No. 44B-0017

83+00
84+00
85+00
86+00
87+00
88+00
EXIST. R/W
CAVAN DRIVE
Curve* 15
N36°37'35.0"W
℄ CONSTRUCTION CHEATHAM HILL ROAD
N38°48'57.1"W
10' TRAIL
REQ'D R/W
24"
10"CPP
G5
G1
G1A
DRIVEWAY EASMT 2

L.L.L. 180 (APPROXIMATE)
L.L.L. 181 (APPROXIMATE)

35
N/F
U.S. GOVERNMENT
PID: 19018100020

36
N/F
SCOTT CAMPBELL
955 CHEATHAM HILL RD
PID: 19018000060
D.B. 13822, PG. 2534

37
N/F
PAMELA JONES
933 CHEATHAM HILL RD
PID: 19018000230
D.B. 4079, PG. 184

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY OUTLET VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0016

7/31/2015 GPLN

N/F
TOWNLEY KING REVOCABLE TRUST
930 CHEATHAM HILL RD
PID: 19018000100
D.B. 15344, PG. 5566

N/F
SHIRLEY COLE
930 CHEATHAM HILL RD
PID: 19018000090
D.B. 11605, PG. 155

Curve# 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

N/F
WAYNE COLE
940 CHEATHAM HILL RD
PID: 19018000080
D.B. 7300, PG. 489

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N/F
WAYNE RIDLEN
1658 CAVAN DR
PID: 19018000110
D.B. 14291, PG. 4205

N/F
U.S. GOVERNMENT
PID: 19018000030

MATCH LINE STA. 88+00 DRAWING No. 44B-0016

88+00 89+00 90+00 91+00 92+00 93+00

EXIST. R/W

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

℄ CONSTRUCTION CHEATHAM HILL ROAD N38°48'57.1"W

Curve# 16

DEEP XING

24" 12"CMP 12"CMP 18" 18" 12"CMP

W W W

Curve# 16
PI Sta: 92+13.00
N: 1430113.3094
E: 2164108.2215
DELTA: 16°03'00.3" (RT)
D: 4°24'26.52"
T: 183.28
L: 364.16
R: 1300.00
E: 12.86

Curve# 17
PI Sta: 98+69.64
N: 1430722.4602
E: 2163856.7257
DELTA: 4°03'59.3" (RT)
D: 1°38'13.28"
T: 124.26
L: 248.41
R: 3500.00
E: 2.20

PI Sta: 95+59.41
N: 1430434.9467
E: 2163973.2436
DELTA: 0°42'17.9" (RT)

N/F
U.S. GOVERNMENT
PID: 19018000030

L.L.L. 180 (APPROX.MATE)
L.L.L. 117 (APPROX.MATE)

Curve# 35
PI Sta: 485+97.43
N: 1430544.17
E: 2163945.48
DELTA: 12°23'40.8" (RT)
D: 95°29'34.68"
T: 6.52
L: 12.98
R: 60.00
E: 0.35

Curve# 36
PI Sta: 486+38.97
N: 1430585.13
E: 2163938.24
DELTA: 9°33'57.1" (RT)
D: 143°14'22.02"
T: 3.35
L: 6.68
R: 40.00
E: 0.14

Curve# 37
PI Sta: 486+65.53
N: 1430611.70
E: 2163938.02
DELTA: 20°38'33.8" (LT)
D: 76°23'39.74"
T: 13.66
L: 27.02
R: 75.00
E: 1.23

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EXISTING:
AGL R/W UNK WIDTH
THROUGH NATIONAL PARK

N/F
U.S. GOVERNMENT
PID: 19011700010

BEGIN TRAIL ALIGNMENT
STA 485+90.91 =
STA 96+64.56 CHEATHAM HILL RD
15.33' RT
N 1430538.1521
E 2163947.9628

MATCH LINE STA. 93+00
DRAWING No. 44B-0017
MATCH LINE STA. 98+50
DRAWING No. 44B-0019

93+00
94+00
95+00
96+00
97+00
98+00
486+00
481+00

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN
EXIST. R/W
NO PARK
NATIONAL PARK
CROSSWALK
EXIST. R/W
COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
Curve# 16
Curve# 17
N22°45'56.8"W
N22°03'38.8"W
℄ CONSTRUCTION CHEATHAM HILL ROAD
N 70°01'40.5" W
N 21°06'17.2" W
10' TRAIL
℄ KENNESAW MOUNTAIN TRAIL
WOOD FENCE
REQ'D R/W
Curve# 35
SPECIAL USE PERMIT AREA
ESA - RESOURCE 9
Curve# 36
N 0°27'43.4" W
Curve# 37

39
N/F
JACK BROWN
911 CHEATHAM HILL RD
PID: 19018000070
D.B. 7537, PG. 463

40
N/F
U.S. GOVERNMENT
PID: 19011700010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0018

7/31/2015 GPLN

Curve# 17
PI Sta= 98+69.64
N= 1430722.4602
E= 2163856.7257
DELTA= 4°03'59.3" (RT)
D= 1°38'13.28"
T= 124.26
L= 248.41
R= 3500.00
E= 2.20

Curve# 38
PI Sta= 487+93.47
N= 1430731.34
E= 2163891.85
DELTA= 3°19'21.9" (RT)
D= 28°38'52.40"
T= 5.80
L= 11.60
R= 200.00
E= 0.08

Curve# 39
PI Sta= 491+99.22
N= 1431117.71
E= 2163767.93
DELTA= 2°48'09.9" (LT)
D= 28°38'52.40"
T= 4.89
L= 9.78
R= 200.00
E= 0.06

Curve# 40
PI Sta= 493+02.57
N= 1431214.46
E= 2163731.59
DELTA= 3°15'08.4" (RT)
D= 28°38'52.40"
T= 5.68
L= 11.35
R= 200.00
E= 0.08

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EXISTING: AGL R/W UNK WIDTH THROUGH NATIONAL PARK

N/F
U.S. GOVERNMENT
PID: 19011700010

MATCH LINE STA. 98+50

DRAWING No. 44B-0018

99+00 100+00 101+00 102+00 103+00 104+00

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 36" WATER MAIN

EXIST. R/W

NO PARK

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

CROSSWALK

Curve# 17

℄ CONSTRUCTION CHEATHAM HILL ROAD

N17°59'39.5"W

N17°19'11.5"W

15" HDPE

FES-1

FES-2

FES-3

FES-4

FES-5

FES-6

WOOD FENCE

10' TRAIL

℄ KENNESAW MOUNTAIN TRAIL

N 17°46'55.3" W

N 20°35'05.2" W

DO NOT DISTURB SPLIT RAIL FENCE

Curve# 38

FES-8

N 21°06'17.2" W

Curve# 39

Curve# 40

REMOVE ONE SECTION OF EXIST FENCE ON EITHER SIDE OF PROPOSED TRAIL

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

40

N/F
U.S. GOVERNMENT
PID: 19011700010

MATCH LINE STA. 104+00

CHEATHAM HILL

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

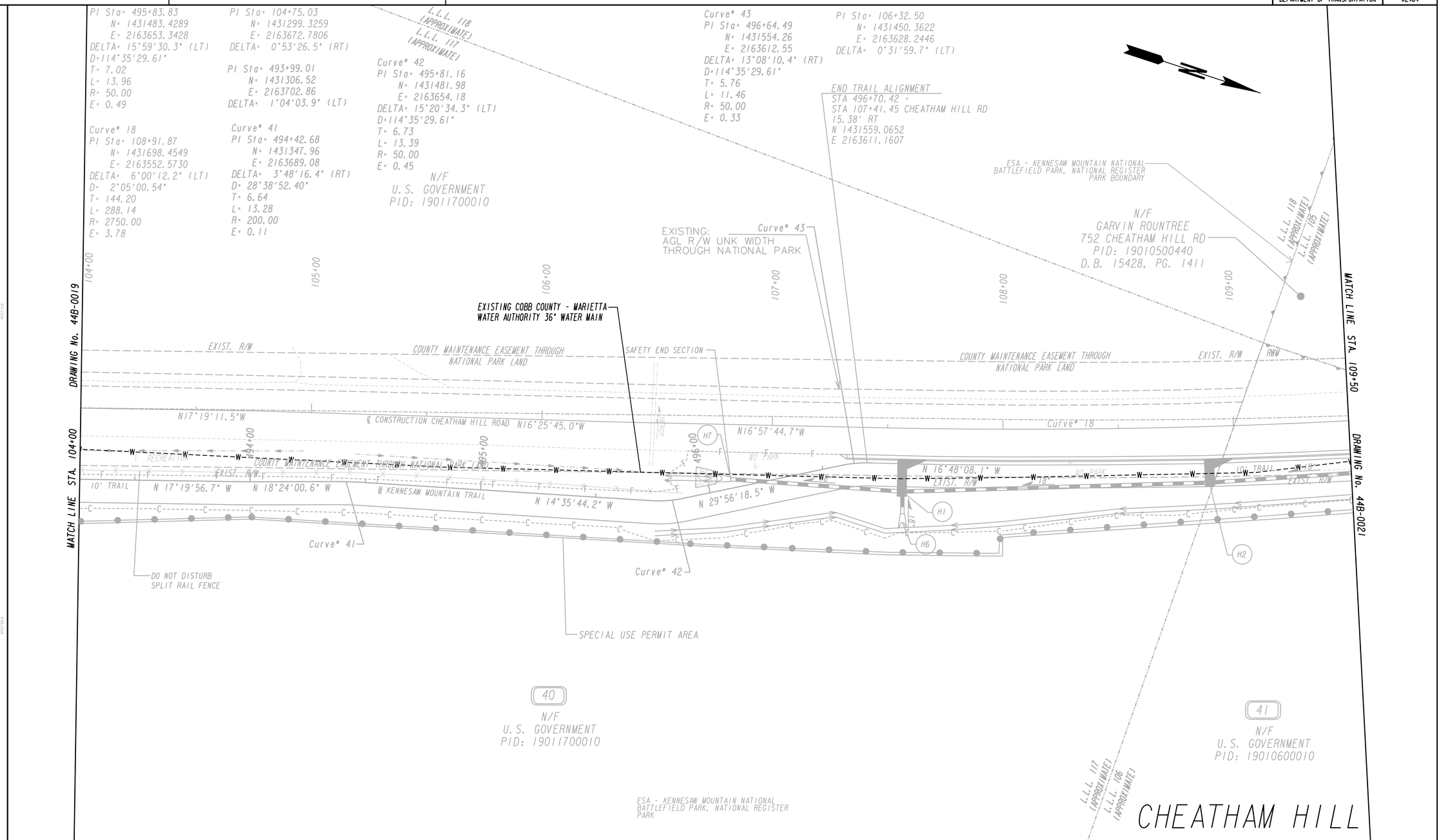
DRAWING No. 44B-0019

7/31/2015 GPLN

8/5/2020 5:00:42 PM $PRF8$ J:\2017030\Data\Received\Cobb County\Utilities\2020-07-21 CCMWA Final Relocations\H&L Working\0015279_44B-0020_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P. I. No. X2404



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

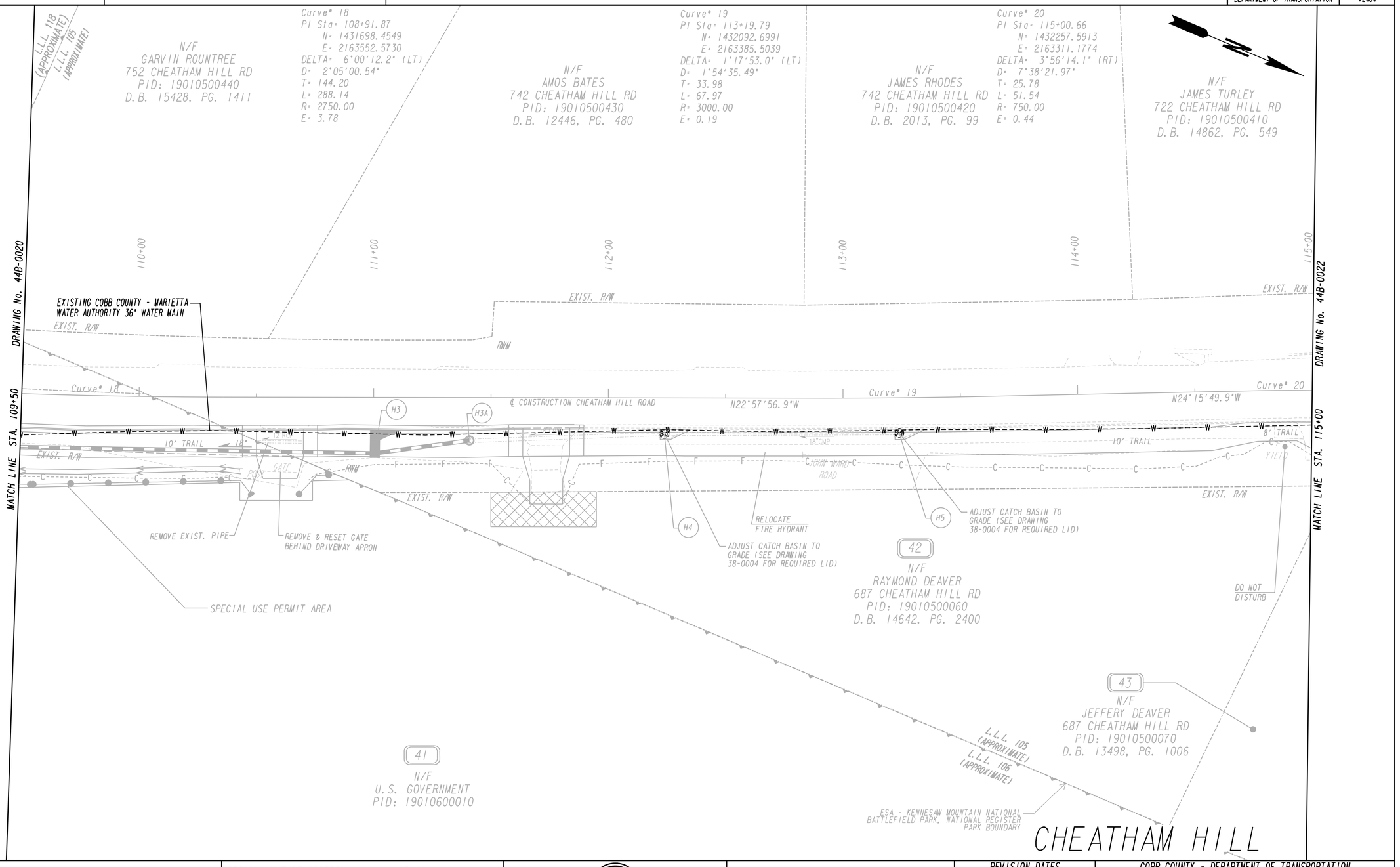
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0020

7/31/2015 GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

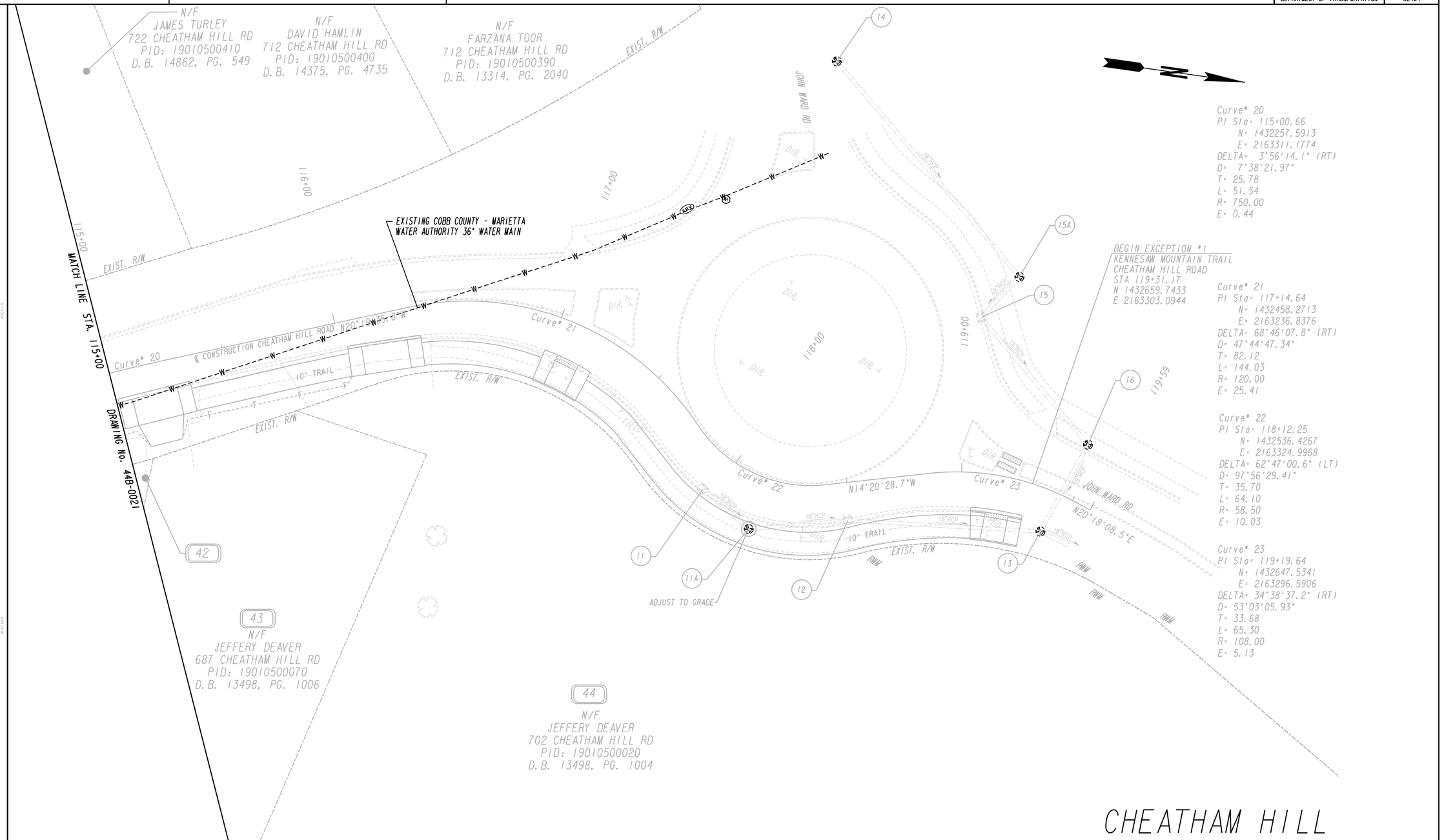
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0021

7/31/2015 GPLN

8/5/2020 5:00:54 PM $PRF8$ J:\2017030\Data\Received\Cobb County\Utilities\2020-07-21 CCMWA Final Relocations\H&L Working\0015279_44B-0022_(CH).dgn
USER:jkelly
COBB COUNTY DEPARTMENT OF TRANSPORTATION
P. I. No. X2404



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0022

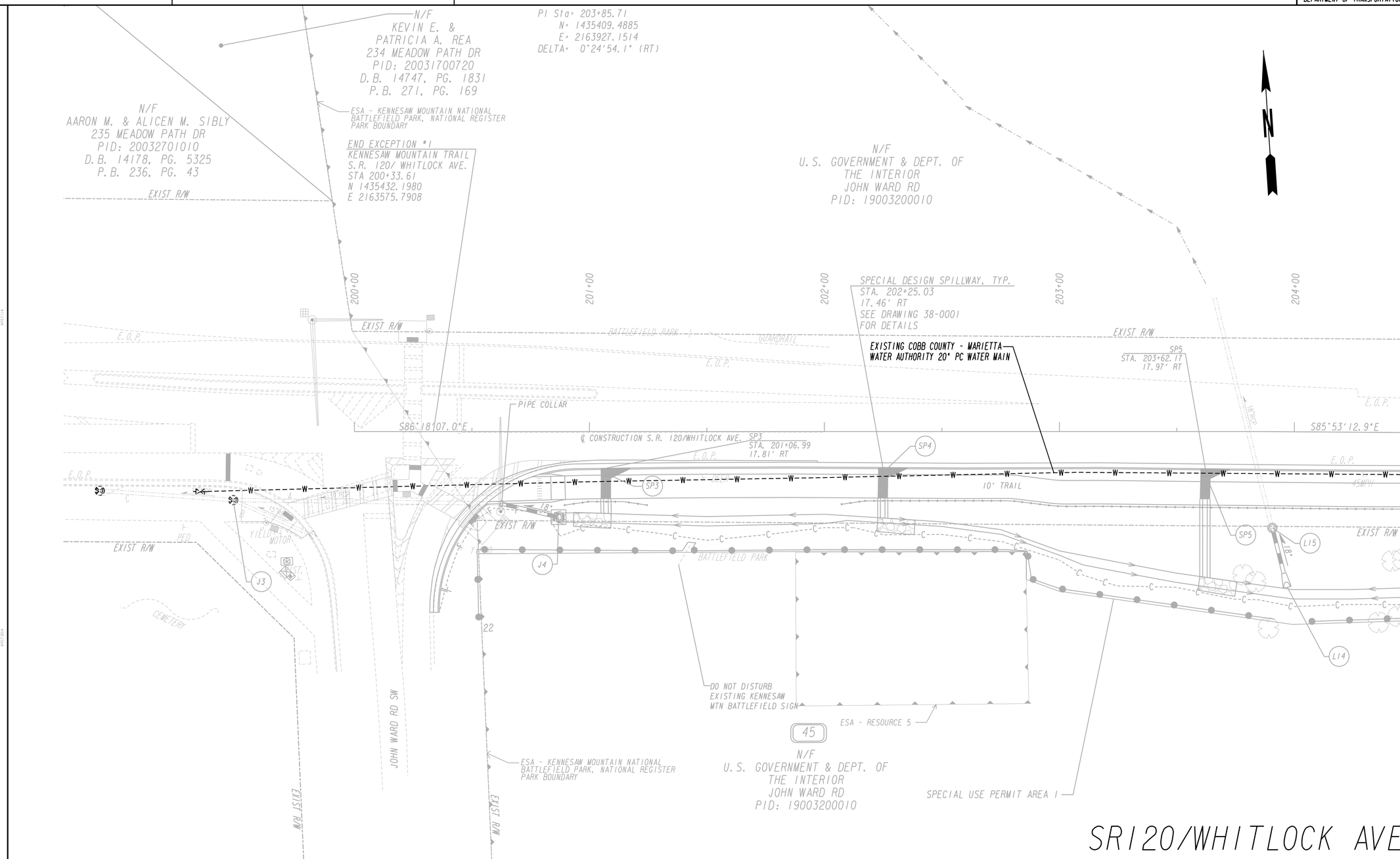
7/31/2015 GPLN

8/5/2020 5:00:59 PM $PRF8$ J:\2017030\Data\Received\Cobb County\Utilities\2020-07-21 CCMWA Final Relocations\H&L Working\0015279_44B-0023_(SR120).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

P. I. No. X2404



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CCMWA UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0023

7/31/2015 GPLN

N

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

205+00 206+00 207+00 208+00 209+00 210+00

DRAWING No. 44B-0023

MATCH LINE STA. 204+50

DRAWING No. 44B-0025

MATCH LINE STA. 210+00

EXIST R/W

SP6 STA. 205+50.04 17.76' RT

SP7 STA. 206+00.06 17.76' RT

SP8 STA. 207+00.00 17.77' RT

SP9 STA. 207+50.06 17.65' RT

SP10 STA. 208+00.00 18.04' RT

SPECIAL DESIGN SPILLWAY, TYP. STA. 208+44.09 17.68' RT SEE DRAWING 38-0001 FOR DETAILS

SP12 STA. 209+00.06 18.07' RT

SP13 STA. 209+50.14 17.85' RT

E.O.P.

S85°53'12.9"E

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

10' TRAIL

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 20" PC WATER MAIN

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY LINE VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY ARV (CONTRACTOR TO ADJUST MANHOLE TO GRADE)

RELOCATE FIRE HYDRANT

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY OUTLET VALVE (CONTRACTOR TO ADJUST VALVE BOX TO GRADE)

BEGIN REMOVE & REPLACE STACKED RAIL FENCE STA 208+65.90 (SEE SHT 38-0002)

SPECIAL USE PERMIT AREA I

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

45

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

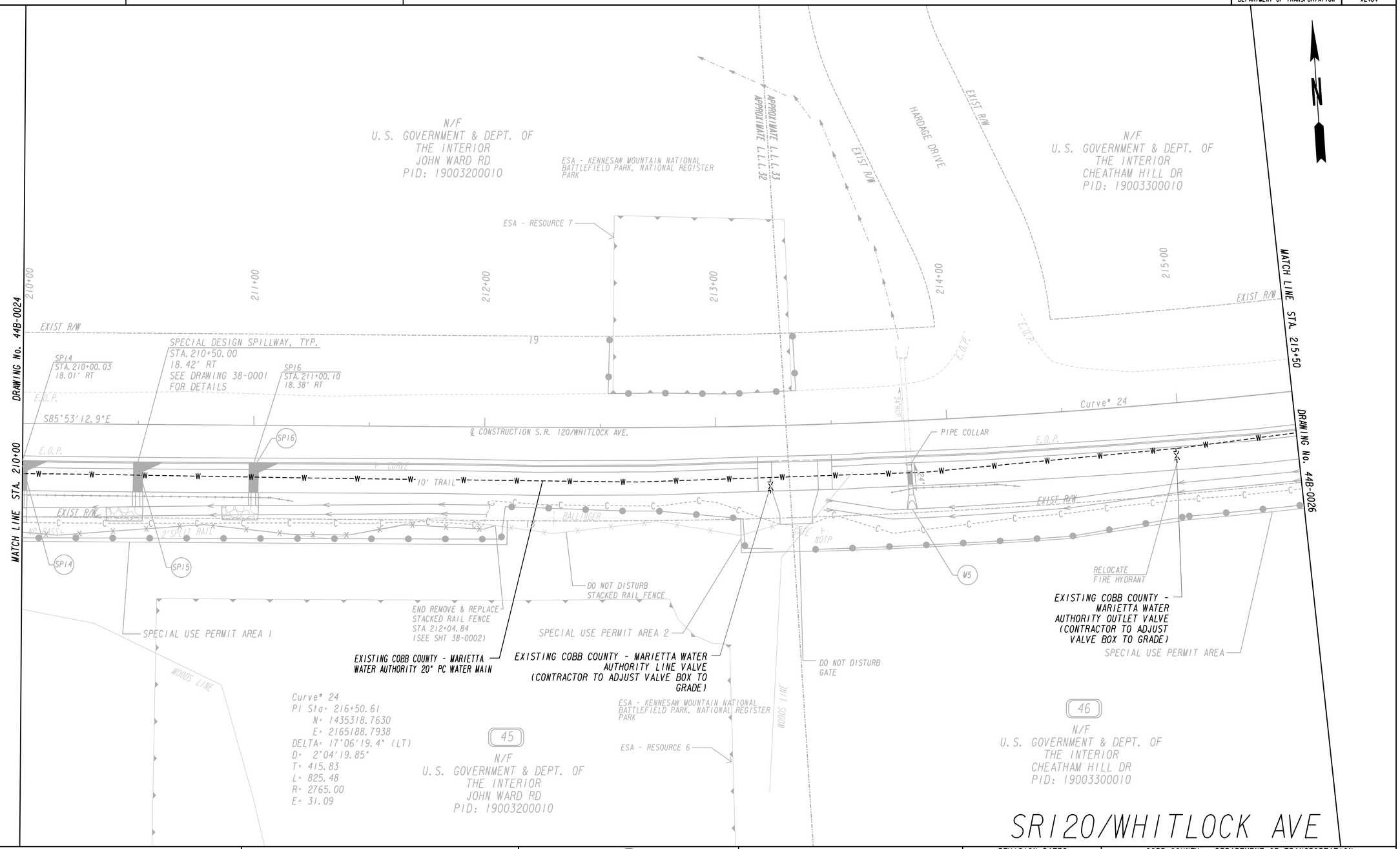
DRAWING No. 44B-0024

7/31/2015 GPLN

8/5/2020 5:01:11 PM | $PRF8$ | J:\2017030\Data\Received\Cobb County\Utilities\2020-07-21 CCMWA Final Relocations\H&L Working\0015279_44B-0025_(SR120).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P. I. No. X2404



SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CCMWA UTILITY PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	44B-0025
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN

8/5/2020 5:01:16 PM $PRF8$ J:\2017030\Data\Received\Cobb County\Utilities\2020-07-21 CCMWA Final Relocations\H&L Working\0015279_44B-0026_(SR120).dgn

USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

P.I. No.
X2404

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
CHEATHAM HILL DR
PID: 19003300010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

216+00 217+00 218+00 219+00 220+00 221+00

DRAWING No. 44B-0025

MATCH LINE STA. 215+50

EXIST R/W

E.O.P.

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

Curve° 24

EXIST R/W

20

E.O.P. E.O.P.

N77°00'27.8"E

E.O.P. E.O.P.

10' TRAIL

45MPH

CHEATHAM HILL

EXIST R/W

MATCH LINE STA. 221+00

DRAWING No. 44B-0027

EXISTING COBB COUNTY - MARIETTA WATER AUTHORITY 20" PC WATER MAIN

SPECIAL USE PERMIT AREA

46

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
CHEATHAM HILL DR
PID: 19003300010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve° 24
PI Sta= 216+50.61
N= 1435318.7630
E= 2165188.7938
DELTA= 17°06'19.4" (LT)
D= 2°04'19.85"
T= 415.83
L= 825.48
R= 2765.00
E= 31.09

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
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VERIFIED: DATE:

DRAWING No.
44B-0026

7/31/2015 GPLN

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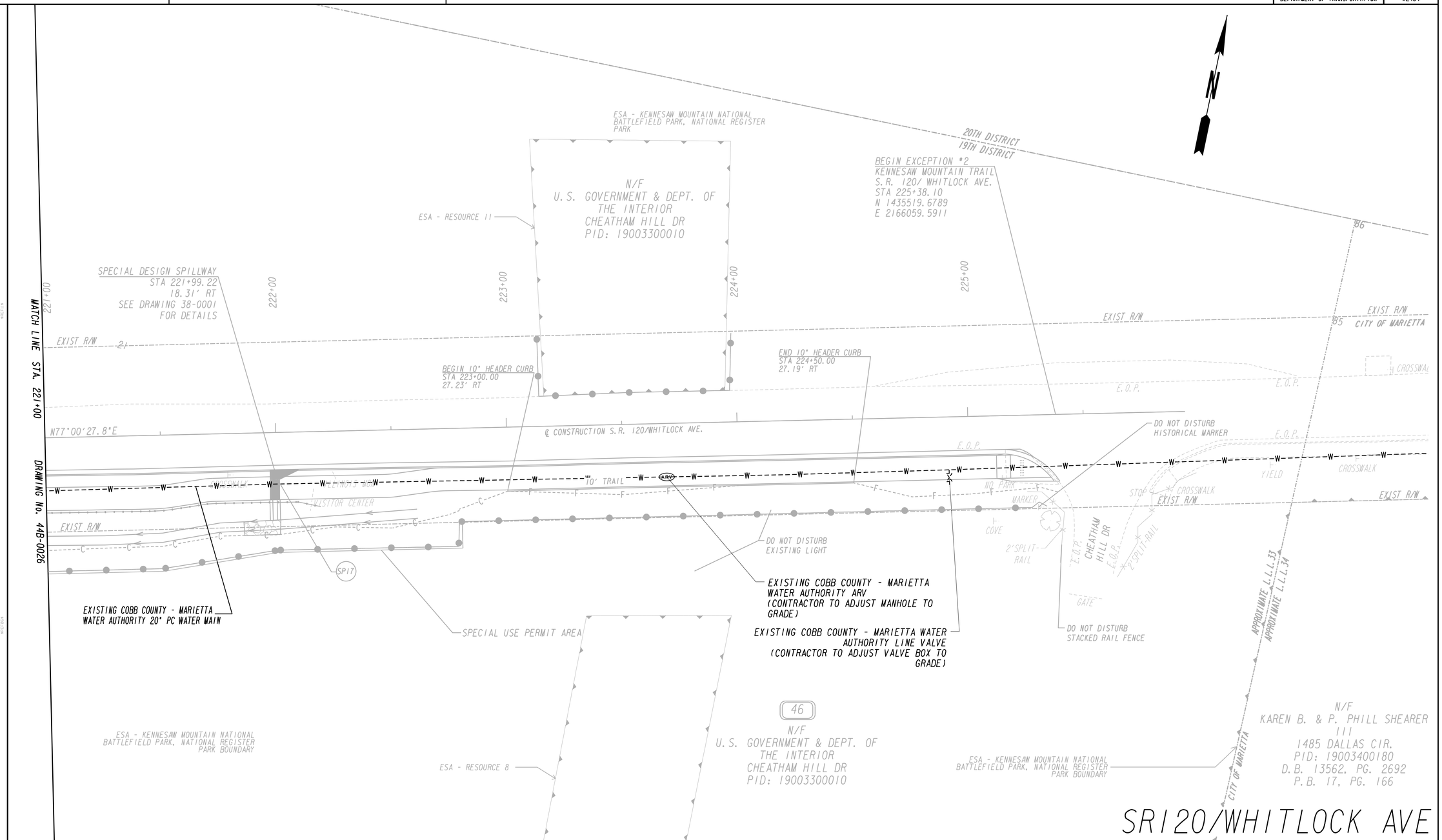
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | P. I. No. X2404



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CCMWA UTILITY PLANS

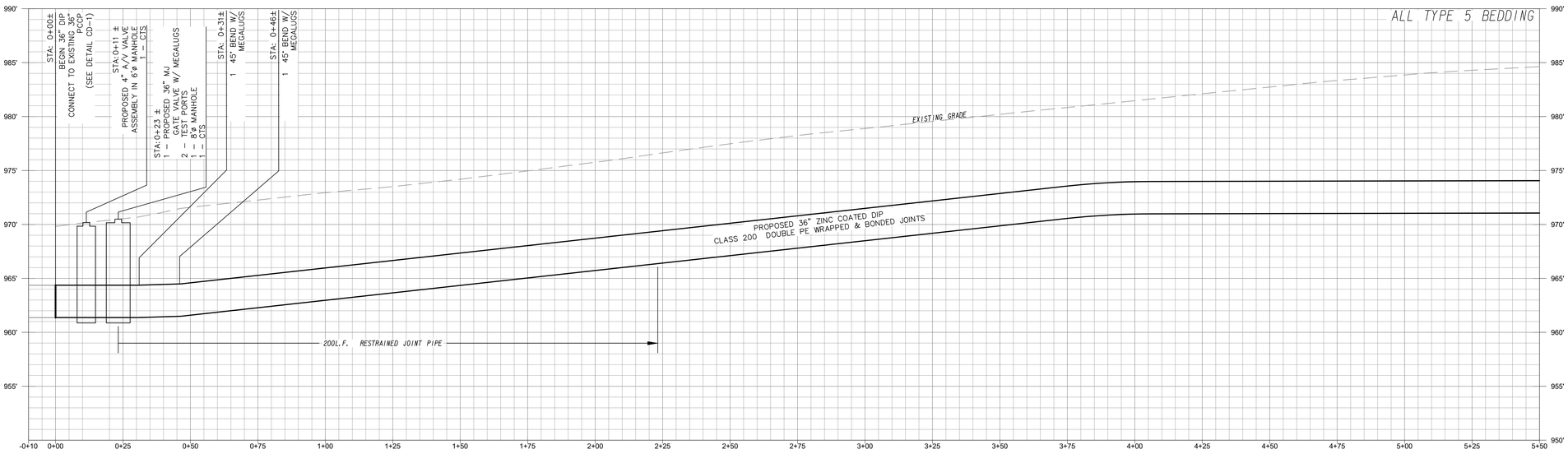
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

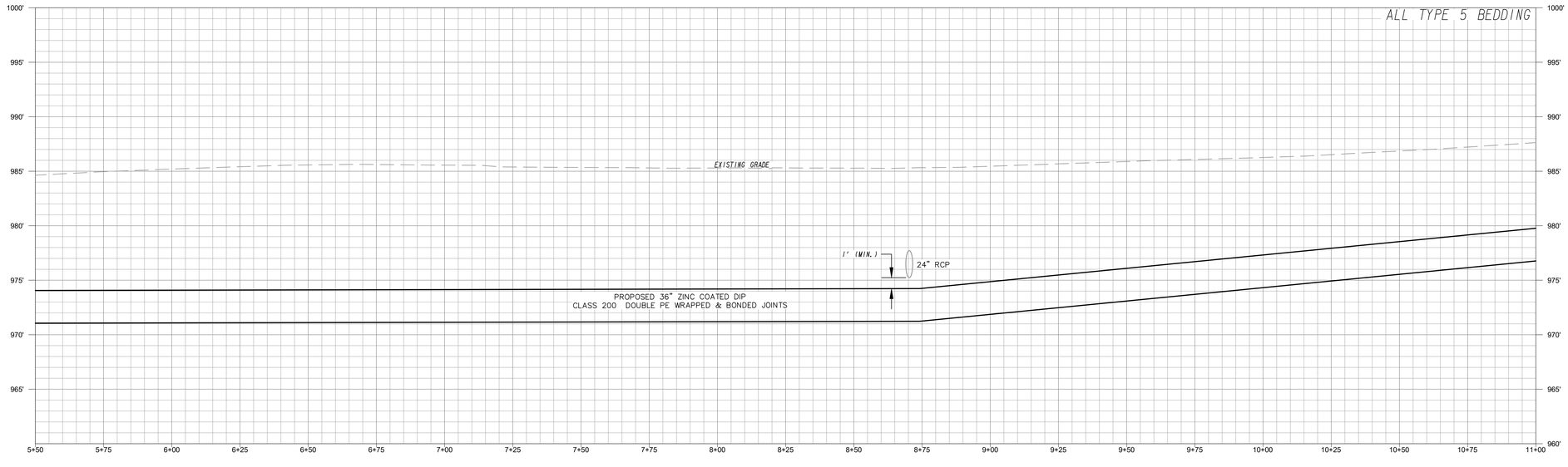
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 44B-0027

7/31/2015 GPLN

DATE$$$	TIME$$$	$PRF8$	DGN	COBB COUNTY DEPARTMENT OF TRANSPORTATION	P.I. No.
$USER$					X2404





ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

HORIZONTAL SCALE
1" = 20'
VERTICAL SCALE
1" = 5'

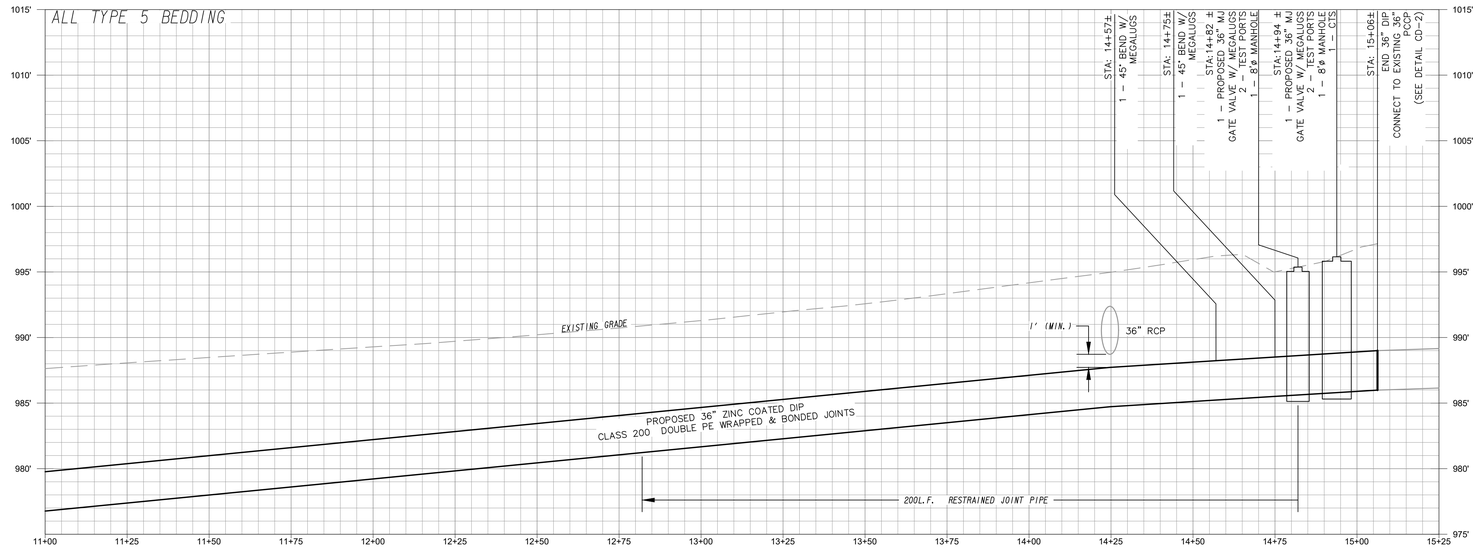
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA UTILITY PROFILES

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
44B-0028

DATE$$$	TIME$$$	$PRF8$	DGN	COBB COUNTY	P.I. No.
$USER$				DEPARTMENT OF TRANSPORTATION	X2404



ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

HORIZONTAL SCALE
1" = 20'
VERTICAL SCALE
1" = 5'

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CCMWA UTILITY PROFILES

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VERIFIED:		DATE:	

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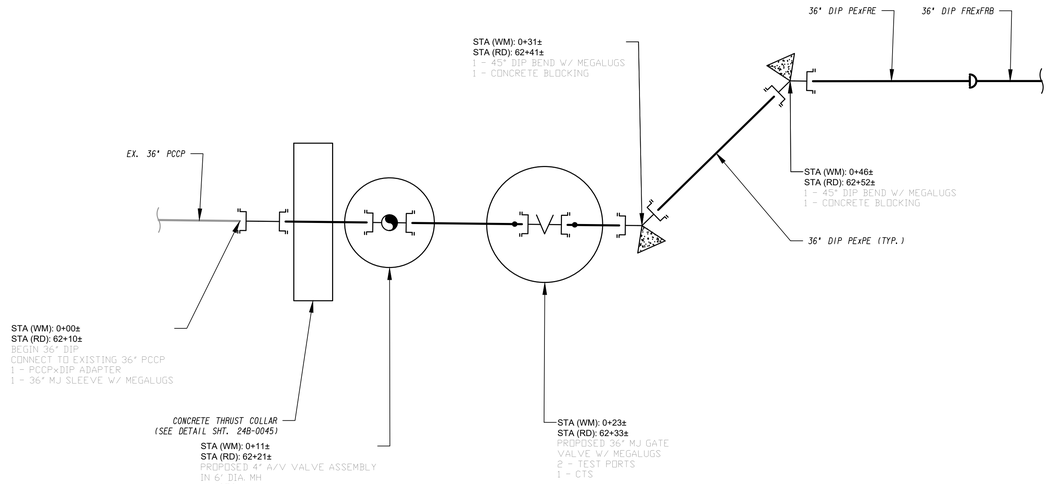
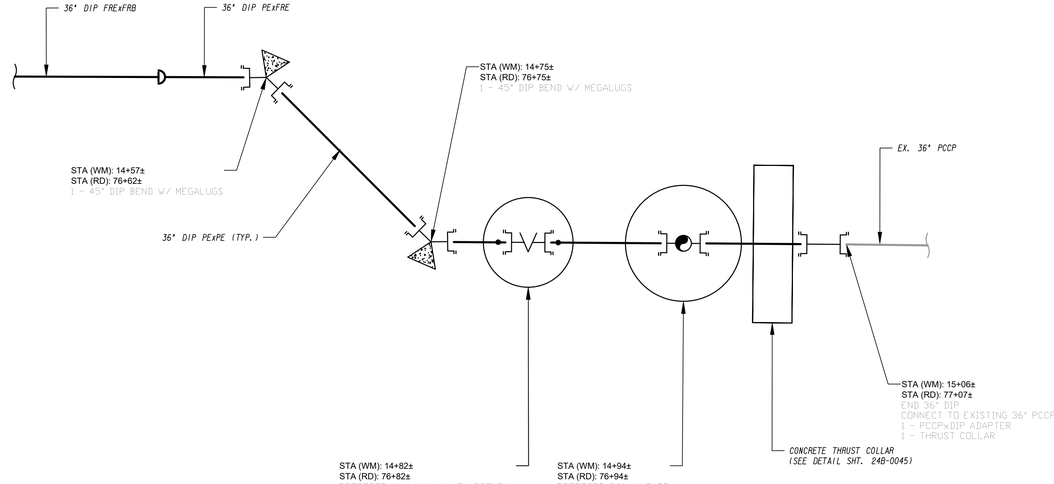
COBB COUNTY DEPARTMENT OF TRANSPORTATION	P.I. No. X2404



CONNECTION DETAIL CD-1

N.T.S.



CONNECTION DETAIL CD-2

N.T.S.

NOTES:

1. CONTRACTOR SHALL SIZE LENGTH OF 54" DIP SPOOL PIECE SUCH THAT CONNECTION TO EXISTING PCCP IS AT THE END OF A FULL JOINT OF PCCP.
2. ORDER TWO 54" ADAPTERS: ONE PCCP BELL X DIP PLAIN END AND ONE PCCP SPIGOT X DIP PLAIN END. DIP PLAIN END OF EACH ADAPTER SHALL HAVE A MINIMUM WALL THICKNESS OF 0.65"

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
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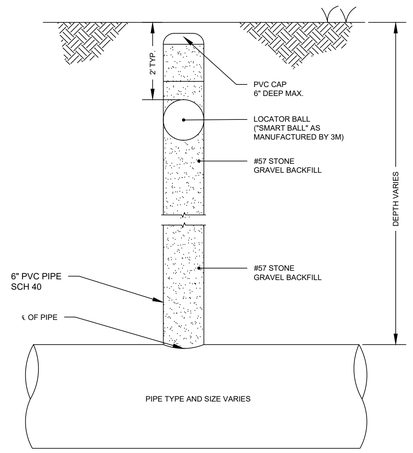
REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

CCMWA UTILITY CONNECTION DETAILS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		44B-0030
CORRECTED:		DATE:		
VERIFIED:		DATE:		

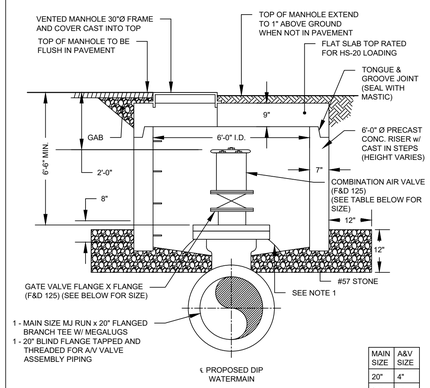


NOTE:
LOCATOR BALL TO BE PLACED AT ALL FITTINGS, CONNECTIONS TO EXISTING LINES, AND AT 3RD JOINT OF PIPE ON STRAIGHT RUNS.

PVC AS-BUILT LOCATOR INSTALLATION DETAIL (OUTSIDE OF PAVEMENT)

N.T.S.

110-B



MAIN SIZE	A&V SIZE
20"	4"
24"	4"
36"	6"
42"	6"
48"	8"

NOTES:

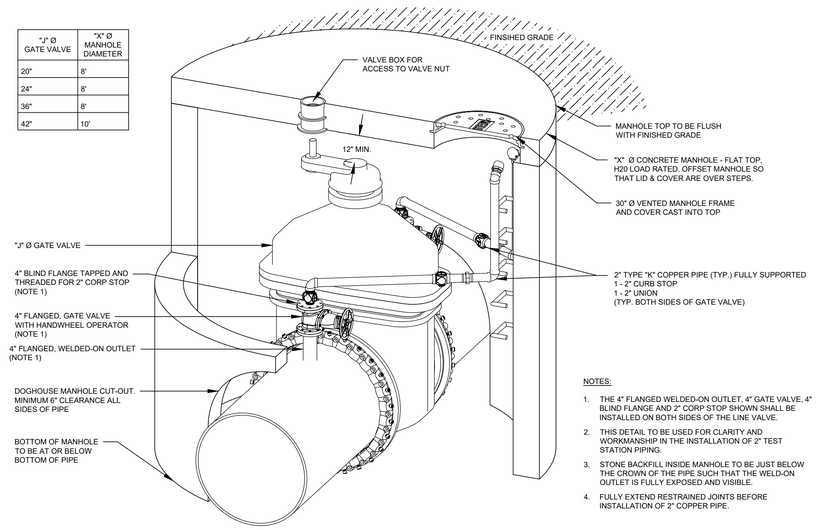
1. DOGHOUSE MANHOLE SECTION AS REQUIRED TO MAINTAIN 1'-0" CLEAR ABOVE PIPE.
2. MANHOLES LIDS TO BE VENTED
3. ALL GASKETS SHALL BE TORUSEAL, NO SUBSTITUTION.

COMBINATION AIR & VACUUM ASSEMBLY WITH MANWAY DETAIL

N.T.S.

130

"J" Ø GATE VALVE	"X" Ø MANHOLE DIAMETER
20"	8'
24"	8'
36"	8'
42"	10'



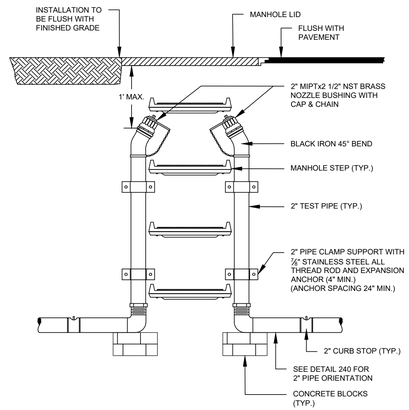
NOTES:

1. THE 4" FLANGED WELDED-ON OUTLET, 4" GATE VALVE, 4" BLIND FLANGE AND 2" CORP STOP SHOWN SHALL BE INSTALLED ON BOTH SIDES OF THE LINE VALVE.
2. THIS DETAIL TO BE USED FOR CLARITY AND WORKMANSHIP IN THE INSTALLATION OF 2" TEST STATION PIPING.
3. STONE BACKFILL INSIDE MANHOLE TO BE JUST BELOW THE CROWN OF THE PIPE SUCH THAT THE WELD-ON OUTLET IS FULLY EXPOSED AND VISIBLE.
4. FULLY EXTEND RESTRAINED JOINTS BEFORE INSTALLATION OF 2" COPPER PIPE.

GATE VALVE TEST STATION PIPING ARRANGEMENT DETAILS

N.T.S.

240



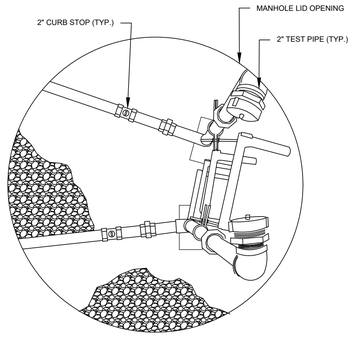
NOTE:

1. INSULATE BETWEEN DISSIMILAR METALS WITH RUBBER GASKET MATERIAL.
2. ALL 2" PIPE, FITTINGS AND HARDWARE SHALL BE RATED FOR WORKING PRESSURE OF MINIMUM 300 PSI.

IN-LINE VALVE MANHOLE AND TEST CONNECTIONS DETAIL

N.T.S.

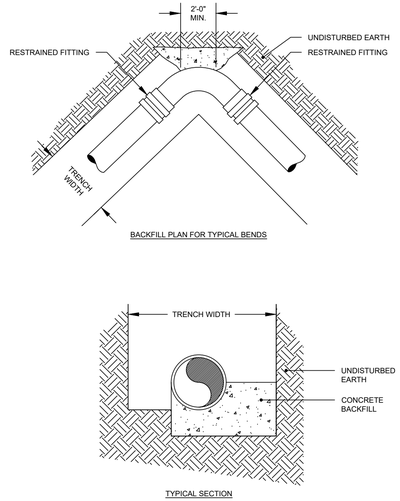
240-A



VALVE TEST CONNECTIONS DETAIL

N.T.S.

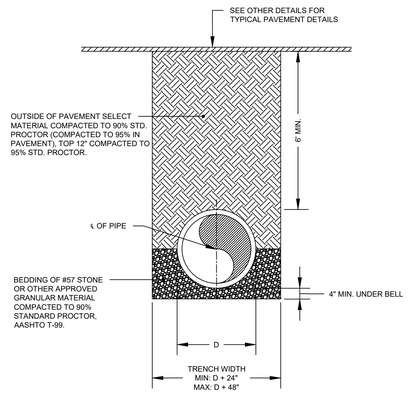
240-B



CONCRETE BACKFILL DETAIL

N.T.S.

320



NOTES:

1. TYPE 5 BEDDING SHALL BE USED FOR RESTRAINED JOINT PIPE AND WHERE DEPTH OF COVER EXCEEDS 15 FEET.
2. PLACE EARTHEN DAM EVERY 200' OF PIPE.

TYPE 5 BEDDING DETAIL

N.T.S.

330B

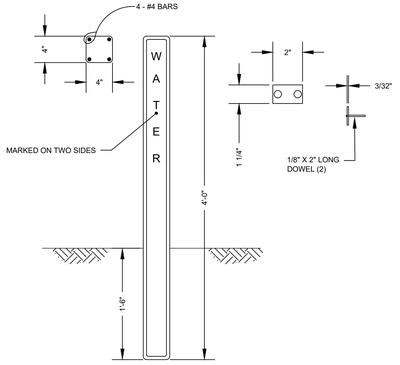
ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA STANDARD DETAILS

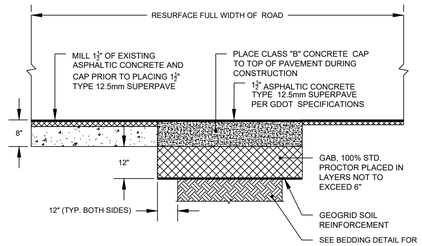
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
44B-0031



NOTE: ALUMINUM PLATE CAST IN SIDE OF MARKER POST. DISTANCE (NEAREST FOOT) FROM ℄ OF POST TO ℄ OF VALVE BOX AND DIRECTION ARROW TO BE STAMPED INTO PLATE WITH STEEL DIE AFTER MARKER IS SET.

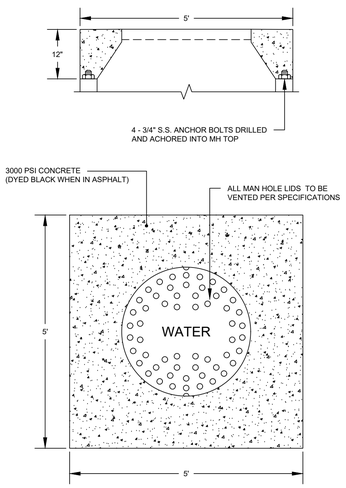
CONCRETE VALVE MARKER
N.T.S.
413



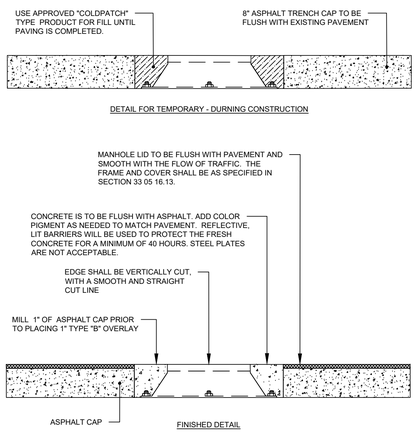
NOTES:

1. ALL PAVEMENT TO BE SAW CUT
2. SURFACES TO BE CLEANED AND BITUMINOUS TACK COAT PRIME APPLIED BEFORE PLACEMENT OF ASPHALTIC TOP.

ASPHALT PAVEMENT REPLACEMENT DETAIL
N.T.S.
430

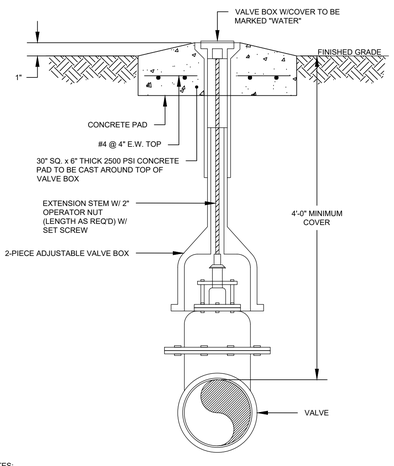


MANHOLE LID & CONCRETE PAD DETAIL #1
N.T.S.
450



NOTE: ALL MAN HOLE LIDS TO BE VENTED PER SPECIFICATIONS.

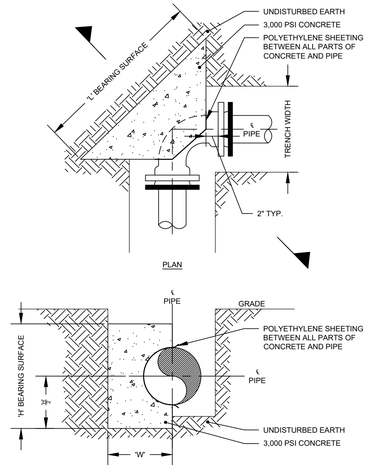
MANHOLE LID & CONCRETE PAD DETAIL #2 DETAIL
N.T.S.
460



NOTES:

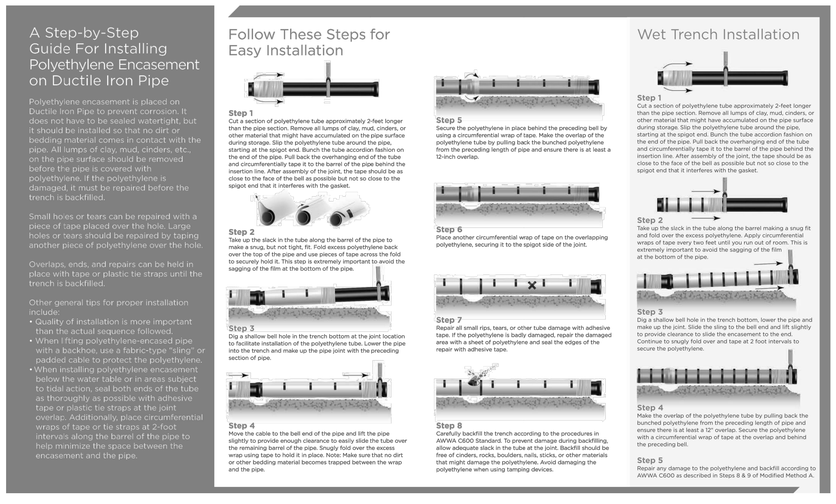
1. CAST AROUND THE TOP OF EACH VALVE BOX A CONCRETE PAD 2'-0" IN DIA. OR 2'-0" SQUARE AND 8" THICK WHEN VALVES ARE LOCATED IN UNPAVED AREAS. PAD NOT REQUIRED IN PAVED AREAS.
2. IF PRECAST PADS ARE USED, THE VOID BETWEEN THE PRECAST PAD AND THE VALVE BOX SHALL BE FILLED W/NON-SHRINK EPOXY GROUT.

TYPICAL VALVE BOX AND OPERATOR SETTING DETAIL
N.T.S.



SECTION

CONCRETE THRUST BLOCKING DETAIL
N.T.S.



POLYETHYLENE ENCASEMENT INSTALLATION DETAIL
N.T.S.

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA STANDARD DETAILS

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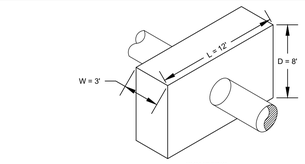

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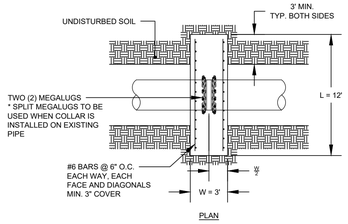
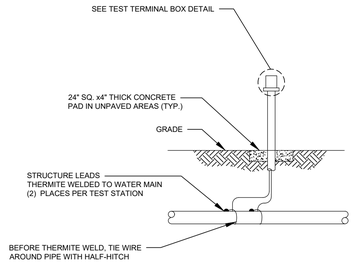


PLAN

NOTES:

1. WHEN INSTALLED ON AN EXISTING DUCTILE IRON PIPE, COLLAR SHALL BE PLACED ON THE FIRST UNRESTRAINED JOINT OF PIPE.
2. CONCRETE SHALL BE POURED AGAINST UNDISTURBED EARTH EXCEPT WHERE FORMWORK IS A MUST. AFTER CONCRETE IS CURED THE FORMWORK SHALL BE REMOVED.
3. DIMENSIONS SHALL BE AS SHOWN ON THE DRAWINGS.
4. CONTRACTOR SHALL NOTIFY ENGINEER IF GROUNDWATER TABLE IS WITHIN TWO FEET BELOW THE BOTTOM OF THE PIPE.
5. CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
6. ALL REBARS TO BE ASTM A615 GRADE 60.

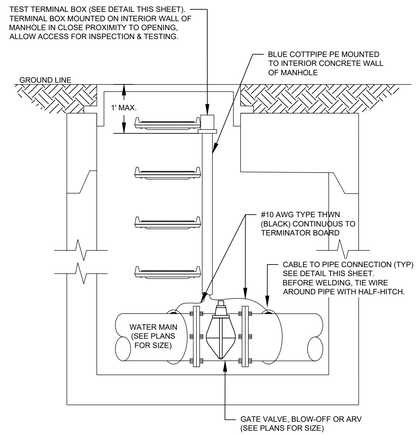
CONCRETE THRUST COLLAR DETAIL
N.T.S.



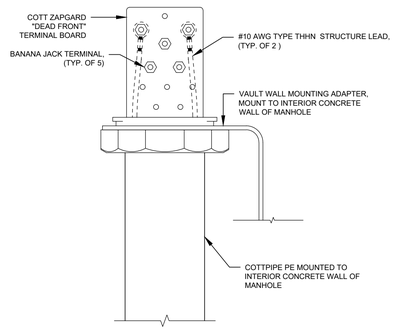
NOTES:

1. COTTPIPE PE BLUE TEST STATION MARKER TO BE USED AT TEST STATION LOCATIONS ONLY.
2. FOR STATIONS INSIDE PAVEMENT, ROUTE CABLES INSIDE ONE 6" SCH. 80 PVC PIPE TO 5-FEET MIN. BEHIND CURB, EDGE OF PAVEMENT OR SIDEWALK BURIED 4-FEET MINIMUM. PLACE 4" WIDE DETECTABLE MARKING TAPE, WITH A MINIMUM 5.0 MIL OVERALL THICKNESS, 12" ABOVE PVC PIPE, MARKED "CAUTION CATHODIC PROTECTION CABLE BURIED BELOW"
3. SEE TEST STATION SCHEDULE, THIS SHEET, FOR LOCATIONS.

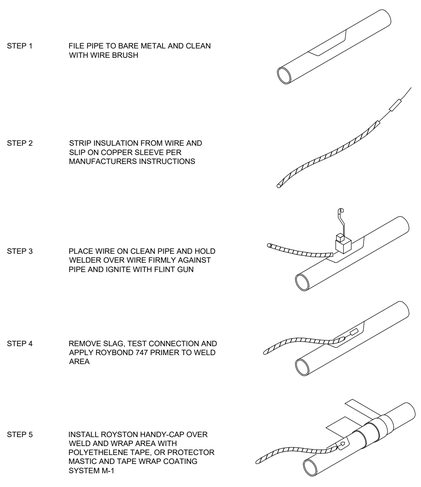
CATHODIC TEST STATION DETAIL
N.T.S.



CATHODIC TEST STATION INSIDE MANHOLE DETAIL
N.T.S.



TEST TERMINAL BOX DETAIL
N.T.S.



EXOTHERMIC WELD DETAIL
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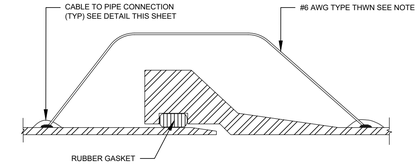
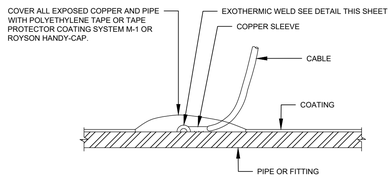


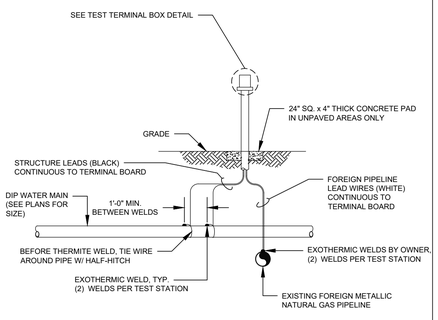
NOTE:

ALL BURIED PIPE AND FITTINGS WITH JOINT GASKETS SHALL BE BONDED. INSTALL TWO NO. 6 AWG CALBE BONDS, ONE EACH SIDE AT 6" TO 12" FROM THE PIPE CROWN.

PIPE JOINT BONDING DETAIL
N.T.S.



CABLE TO PIPE CONNECTION DETAIL
N.T.S.



NOTES:

1. CONNECTIONS TO FOREIGN PIPELINES SHALL BE MADE BY OWNER.

FOREIGN PIPELINE CROSSING TEST STATION
N.T.S.

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
CCMWA STANDARD DETAILS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		44B-0033
CORRECTED:		DATE:		
VERIFIED:		DATE:		

QUANTITIES

ITEM	DESCRIPTION	*EST. QTY*	UNIT
1	WATER MAINS 36" DIP, ZINC COATED, PRESSURE CLASS 200 (PAY ITEM 2.1)	1,510	LF
2	RESTRAINED JOINTS / MANUFACTURER'S PIPE RESTRAINT 36" (PAY ITEM 2.2)	23	EA
3	RESTRAINED JOINTS / MJ FITTING, RETAINER GLAND 36" (PAY ITEM 2.2)	20	EA
4	DUCTILE IRON FITTINGS, ZINC COATED (PAY ITEM 2.3)	11,700	LB
5	VALVES 36" GATE VALVE, MJ X MJ, (PAY ITEM 2.4)	2	EA
6	AIR & VACUUM VALVE, 4" FLG COMBINATION AVV WITH 4" FLG GATE VALVE ON 36" LINE (PAY ITEM 2.5)	2	EA
7	CONCRETE MANHOLE ASSEMBLY, 8' DIAMETER, FOR GATE VALVES (PAY ITEM 2.6)	2	EA
8	CONCRETE MANHOLE ASSEMBLY, EXTRA PAYMENT FOR SECTIONS EXCEEDING TEN VF, 8' DIAMETER (PAY ITEM 2.6)	10	VF
9	CONCRETE MANHOLE ASSEMBLY, 6' DIAMETER, FOR AIR VALVES (PAY ITEM 2.6)	2	EA
10	CONCRETE MANHOLE ASSEMBLY, EXTRA PAYMENT FOR SECTIONS EXCEEDING TEN VF, 6' DIAMETER (PAY ITEM 2.6)	10	VF
11	POLYETHYLENE ENCASEMENT, 36" DOUBLE ENCASEMENT (PAY ITEM 2.7)	1,510	LF
12	SAMPLE TEST STATION OR PORT, EACH SIDE OF GATE VALVE (PAY ITEM 2.8)	4	EA
13	LOCATOR MARKER BALLS ON NEW PIPE AND FITTINGS (PAY ITEM 2.10)	40	EA
14	SUBGRADE STABILIZER STONE (PAY ITEM 2.11)	2,900	TON
15	MISCELLANEOUS CONCRETE (PAY ITEM 2.12)	30	CY
16	REINFORCING STEEL (PAY ITEM 2.13)	1,000	LB
17	REMOVE & REPLACE ASPHALT ROADWAYS, TRENCH WIDTH (PAY ITEM 2.14)	1,400	SY
18	BONDED JOINT (PAY ITEM 2.15)	90	EA
19	CATHODIC TEST STATION (PAY ITEM 2.16)	2	EA
20	REMOVE AND DISPOSE EXISTING 36" PCCP WATER MAIN (PAY ITEM 2.17)	1,510	LF
21	MJ PCCP ADAPTERS (PAY ITEM 2.18)	2	EA
22	CONNECTION TO EXISTING 36" PCCP MAIN NEAR STA: 62+15 (PAY ITEM 2.19)	1	LS
23	CONNECTION TO EXISTING 36" PCCP MAIN NEAR STA: 77+00 (PAY ITEM 2.19)	1	LS
24	MILLING OF 1.5 INCHES OF EXISTING ASPHALT (PAY ITEM 2.20)	4,425	SY
25	PAVING 1.5 INCHES OF GDOT 12.5 MM SUPERPAVE (PAY ITEM 2.21)	4,425	SY
26	THERMOPLASTIC PAVEMENT MARKING 6" SKIP (2:6) WHITE OR YELLOW (PAY ITEM 2.22)	1,810	LF
27	THERMOPLASTIC PAVEMENT MARKING 6" SOLID WHITE OR YELLOW (PAY ITEM 2.23)	1,810	LF
28	EXPLORATORY EXCAVATIONS FOR 36" PCCP OUTSIDE PAVEMENT (PAY ITEM 2.24)	10	EA
29	ADJUST VALVE BOX TO GRADE (PAY ITEM 2.25)	11	EA
30	ADJUST MANHOLE TO GRADE (PAY ITEM 2.26)	2	EA
31	ABANDON EXISTING 36" BFV (PAY ITEM 2.27)	1	EA
32	ABANDON EXISTING ARV AND MANHOLE (PAY ITEM 2.28)	1	EA
33	MOBILIZATION (PAY ITEM 2.29)	1	EA

ENGINEERING STRATEGIES, INC.
3855 SHALLOWFORD ROAD, SUITE 525
MARIETTA, GA 30062
(770) 429-0001

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
QUANTITIES

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		44B-0034
CORRECTED:		DATE:		
VERIFIED:		DATE:		

9/18/2020
USER:jlemmings

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GRWCOV

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

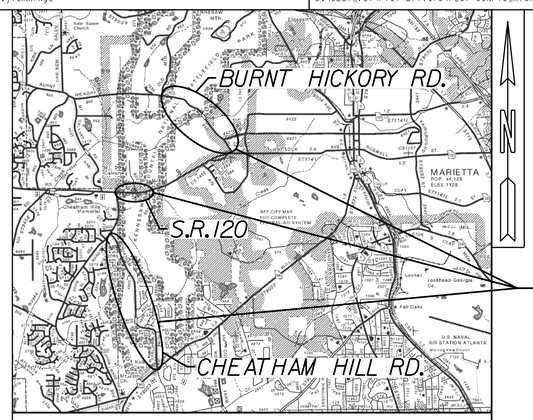
Project No.
X2404

DEPARTMENT OF TRANSPORTATION
COBB COUNTY

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN

KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS

FEDERAL AID PROJECT
P.I.NO.0015279
PROJECT NO: X2404
STATE ROUTE #120
COUNTY ROUTE #859 & #4394



PROJECT LOCATION

VICINITY MAP - N.T.S.

THIS PROJECT HAS BEEN PREPARED USING THE HORIZONTAL GEORGIA COORDINATE SYSTEM OF 1984(NAVD1983)/94 WEST ZONE, AND THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

THIS PROJECT IS 100% IN COBB COUNTY AND 100% IN CONG.DIST.NO.11

BEGIN-POINT COORDINATES
Longitude: 84.5967°
Latitude: 33.9112°

MID-POINT COORDINATES
Longitude: 84.6055°
Latitude: 33.9354°

END-POINT COORDINATES
Longitude: 84.5936°
Latitude: 33.9634°

PRIMARY PERMITTEE
COBB COUNTY DOT
1890 County Services Pkwy
Marietta,GA 30008
Phone: (770) 528-1600
rustavius.ford@cobbcounty.org

24 HOUR CONTACT:

Name

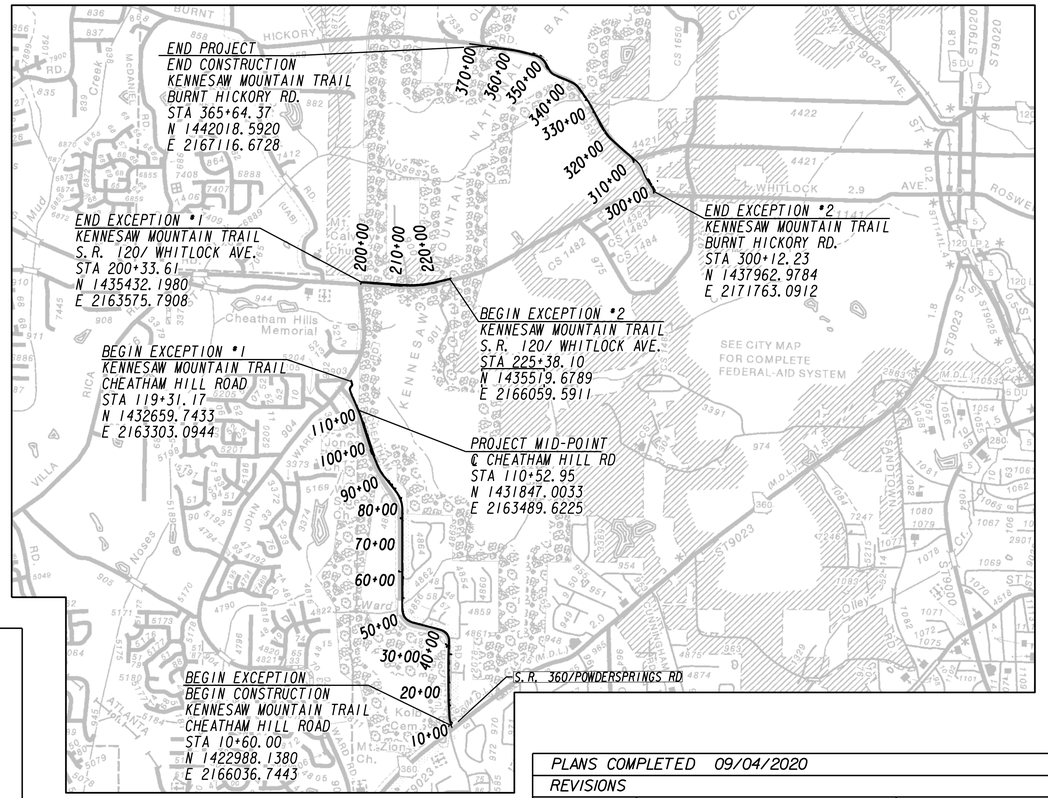
Street Address

City, State Zip

Phone Number

Email Address

Contractor shall complete the information in this box.



LENGTH OF PROJECT	COBB COUNTY COUNTY No.067 Project No. X2404 PI# 0015279
	MILES
NET LENGTH OF TRAIL	3.785
NET LENGTH OF BRIDGES	N/A
NET LENGTH OF TRAIL	3.775
NET LENGTH OF EXCEPTIONS	1.700
GROSS LENGTH OF PROJECT	5.475

"I certify that this Erosion, Sedimentation and Pollution Control Plan has been prepared in accordance with Part IV, of the General NPDES Permit No.GAR100002."

"I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for an appropriate and comprehensive system of best management practices required by the Georgia Water Quality Control Act and the document "Manual for Erosion and Sediment Control in Georgia" (Manual) published by the Georgia Soil and Water Conservation Commission as of January 1 of the year in which the land disturbing activity was permitted, provides for sampling of the receiving water(s) or the sampling of the storm water outfalls and that the designed system of best management practices and sampling methods is expected to meet the requirements contained in the General NPDES Permit No.GAR100002."

"I certify that the permittee's Erosion, Sedimentation and Pollution Control Plan provides for the monitoring of: (a) all perennial and intermittent streams and other water bodies shown on the USGS topographic map and all other field verified perennial and intermittent streams and other water bodies, or (b) where any such specific identified perennial or intermittent stream and other water body is not proposed to be sampled, I have determined in my professional judgment, utilizing the factors required in the General NPDES Permit No.GAR100002, that the increase in the turbidity of each specific identified sampled receiving water will be representative of the increase in the turbidity of a specific identified un-sampled receiving water."

"I certify under penalty of law that this plan was prepared after a site visit to the locations described herein by myself or my authorized agent, under my supervision."

Patrick T. Peters — 9/4/2020
SIGNATURE — DATE

GEORGIA REGISTERED No. 043719 PROFESSIONAL ENGINEER PATRICK T PETERS
9/4/2020

GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION
Patrick T. Peters
Level II Certified Design Professional
CERTIFICATION NUMBER 0000064868
ISSUED 06/01/2019 EXPIRES 06/01/2022

PREPARED BY:
Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

RECOMMENDED FOR APPROVAL BY: _____

SCALE IN FEET
0 2000 4000 8000

PLANS COMPLETED 09/04/2020

REVISIONS

DATE	ENTITY REQUESTING REVISION(S)	DRAWING NUMBER(S)	SIGNATURE	GSWCC LEVEL II CERT.#
- -				
- -				
- -				
- -				
- -				
- -				
- -				

DRAWING No.
50-0001

ESPCP GENERAL NOTES

The escape of sediment from the project site shall be prevented by the installation of erosion and sediment control measures and practices prior to land-disturbing activities.

Erosion and sedimentation control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective control, additional erosion and sedimentation control measures shall be implemented to control or treat the sediment source.

ESPCP ALTERATIONS

This Erosion, Sedimentation, and Pollution Control Plan (ESPCP) is provided by the Department. It addresses the staged construction of the project on the basis of common construction methods and techniques. If the Contractor elects to alter the staged construction from that shown in the plans or utilize construction techniques that render this plan ineffective, the Contractor shall revise the plans in accordance to Special Provision 161-Control of Soil Erosion and Sedimentation of the contract.

The Contractor, the Certified Design Professional, and the WECS shall carefully evaluate this plan prior to commencing land-disturbing activities. Admendments/revisions to the ESPCP which have a significant effect on BMPs with a hydraulic component requires a formal revision of the ESPCP and the signature of a GSWCC Level-II Certified Design Professional. Additional BMPs may be added per Special Provision 161-Control of Soil Erosion and Sedimentation.

SITE STABLIZATION AND VEGETATION PLANTING SCHEDULE

The EPD General NPDES GAR100002 permit states that any disturbed area where construction activities have temporarily or permanently ceased shall be stabilized within 14 days of such cessation or as soon as practicable if precluded by adverse weather conditions. However in special cases, the Project Engineer may require the contractor to perform stabilization more often than 14 days.

Disturbed areas shall be stabilized with suitable material listed in the current edition of the Department's Standard Specifications (or Special Provisions) Sections 161, 163, 700, or 711 on the basis of when construction activities are expected to resume.

All temporary and permanent vegetative practices including plant species, planting dates, seeding, fertilizing, liming, and mulching rates for this project can be found in Section 700 of the current edition of the Department's Standard Specifications (or Special Provisions) and other applicable contract documents or landscaping plans.

CONSTRUCTION SCHEDULE AND SEQUENCE OF MAJOR ACTIVITIES

The Contractor is responsible for developing the construction schedule for the project. The construction schedule for this project shall be submitted after the project is awarded along with the NOI. A copy of the construction schedule shall be maintained at the project site.

The project budget includes sufficient funds for the payment of construction exits. The Contractor is responsible for establishing at least one (1) construction exit per the specifications of the construction exit detail included in this ESPCP to minimize or eliminate the vehicle tracking of dirt, soils, and sediments off site. To facilitate project logistics, the Contractor is also responsible for selecting the location(s) of the construction exit(s).

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
- *A. Initial BMPs: Install the following BMPs prior to construction*
  - *1. Install orange barrier fence.*
  - *2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.*
  - *3. Place Inlet Sediment Traps, Rock Dams, Silt Gates and Check Dams as shown on the Stage 1 plans*
  - *4. Contractor is responsible for establishing construction exits.*
- *B. Intermediate BMPs: N/A*
- *C. Final BMPs: N/A*

Stage 2:
- *A. Initial BMPs: N/A*
- *B. Intermediate BMPs: While earthwork is progressing, do the following:*
  - *1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.*
  - *2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.*
  - *3. Place temporary grassing and mulch as needed.*
  - *4. Install mulch and temporary grassing as shown on the Stage 2 plans.*
- *C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:*
  - *1. Permanent grassing*

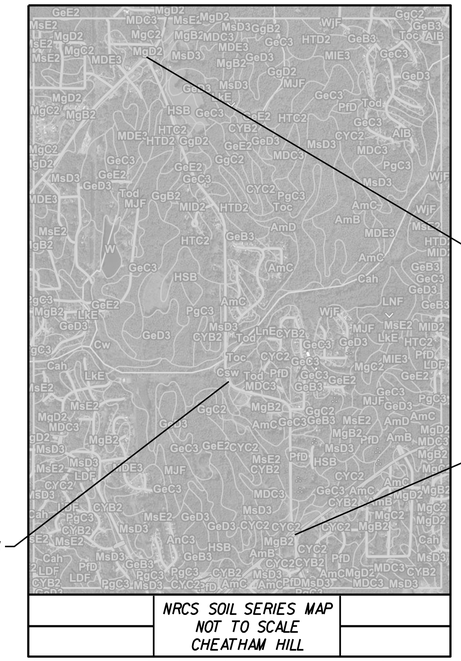
Stage 3:
- *A. Initial BMPs: N/A*
- *B. Intermediate BMPs: N/A*
- *C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:*
  - *1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.*
  - *2. Rip Rap where shown on the Stage 3 plans.*

DESCRIPTION OF NATURE OF CONSTRUCTION ACTIVITY

The proposed project is the addition of a 10' multi-use trail along the existing roadway of Cheatham Hill Road, SR120 / Whitlock Avenue, and Burnt Hickory Road in Cobb County, Georgia.

SOIL SERIES INFORMATION

The following is a summary of the soils that are expected to be found on the project site:



NRCS SOIL SERIES MAP
NOT TO SCALE
CHEATHAM HILL

Due to the size and scope of this project and the nature of soil series maps, it is not reasonably practical to delineate the precise locations of the above listed soils on the construction plans. The NRCS soil survey and soil series maps for the project site are also available online at http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm.

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AlB	Altavista sandy loam, 0 to 4 percent slopes	14.2	0.7%
AmB	Appling sandy loam, 2 to 6 percent slopes	54.6	2.5%
AmC	Appling sandy loam, 6 to 10 percent slopes	78.2	3.6%
AmD	Appling sandy loam, 10 to 15 percent slopes	13.9	0.6%
AnC3	Appling sandy clay loam, 6 to 10 percent slopes, severely eroded	8.5	0.4%
Cah	Cartecay fine sandy loam, 0 to 2 percent slopes, frequently flooded	145.5	6.8%
Csw	Chewacla soils, wet variants	3.7	0.2%
Cw	Cartecay silt loam, silty variant	20.9	1.0%
CYB2	Cecil sandy loam, 2 to 6 percent slopes, moderately eroded	68.7	3.2%
CYC2	Cecil sandy loam, 6 to 10 percent slopes, moderately eroded	75.8	3.5%
DlB	Durham sandy loam, 2 to 6 percent slopes	4.9	0.2%
GeB3	Gwinnett clay loam, 2 to 6 percent slopes, severely eroded	43.3	2.0%
GeC3	Gwinnett clay loam, 6 to 10 percent slopes, severely eroded	147.5	6.9%
GeD3	Gwinnett clay loam, 10 to 15 percent slopes, severely eroded	148.4	6.9%
GeE2	Gwinnett clay loam, 15 to 25 percent slopes, eroded	116.8	5.4%
GgB2	Gwinnett loam, 2 to 6 percent slopes, eroded	8.5	0.4%
GgC2	Gwinnett loam, 6 to 10 percent slopes, eroded	25.5	1.2%
GgD2	Gwinnett loam, 10 to 15 percent slopes, eroded	6.9	0.3%
HSB	Hiwassee loam, 2 to 6 percent slopes	34.2	1.6%
HTC2	Hiwassee clay loam, 6 to 10 percent slopes, eroded	83.2	3.9%
HTD2	Hiwassee clay loam, 10 to 15 percent slopes, eroded	31.3	1.5%
LDF	Wateree-Rock outcrop-Louisburg complex, 15 to 45 percent slopes, bouldery	20.4	0.9%
LkE	Louisa gravelly sandy loam, 10 to 25 percent slopes	37.5	1.7%
LnE	Wateree-Rion complex, 10 to 25 percent slopes	6.6	0.3%
LNF	Louisa soils, 25 to 60 percent slopes	14.6	0.7%
MDC3	Madison clay loam, 6 to 10 percent slopes, severely eroded	51.4	2.4%
MDE3	Madison clay loam, 15 to 25 percent slopes, severely eroded	68.7	3.2%
MgB2	Madison sandy loam, 2 to 6 percent slopes, moderately eroded	97.3	4.5%
MgC2	Madison sandy loam, 6 to 10 percent slopes, eroded	59.9	2.8%
MgD2	Madison sandy loam, 10 to 15 percent slopes, eroded	62.2	2.9%
MJF	Musella and Pacolet stony soils, 10 to 45 percent slopes	58.9	2.7%
MlD2	Musella gravelly soils, 6 to 15 percent slopes, eroded	10.4	0.5%
MlE3	Musella gravelly soils, 15 to 25 percent slopes, severely eroded	30.0	1.4%
MsD3	Madison and Pacolet soils, 10 to 15 percent slopes, severely eroded	198.1	9.2%
MsE2	Madison and Pacolet soils, 15 to 25 percent slopes, eroded	123.9	5.8%
PfD	Pacolet sandy loam, 10 to 15 percent slopes	33.2	1.5%
PgC3	Pacolet sandy clay loam, 6 to 10 percent slopes, severely eroded	67.4	3.1%
Toc	Toccoa sandy loam, 0 to 2 percent slopes, occasionally flooded	39.4	1.8%
Tod	Toccoa sandy loam, local alluvium	19.3	0.9%
W	Water	8.5	0.4%
WjF	Wilkes stony sandy loam, 10 to 40 percent slopes	10.5	0.5%
Totals for Area of Interest		**2,152.5**	**100.0%**

Construction Schedule

Month	1-3	3-6	6-9	9-12	12-15	15-18	19-24
Install Temporary Erosion Control Measures	■						
Maintenance of Temporary Erosion Control Measures	■	■	■	■	■		
Perform Construction Activities	■	■	■	■	■		
Establish Permanent Vegetation			■	■	■	■	■
Remove Temporary Erosion Control Measures						■	■

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

REVISION DATES

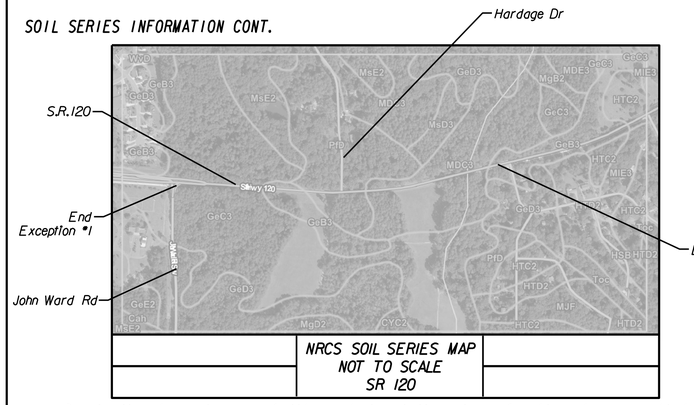
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
ESPCP GENERAL NOTES
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 51-0001

7/31/2015 GPLN

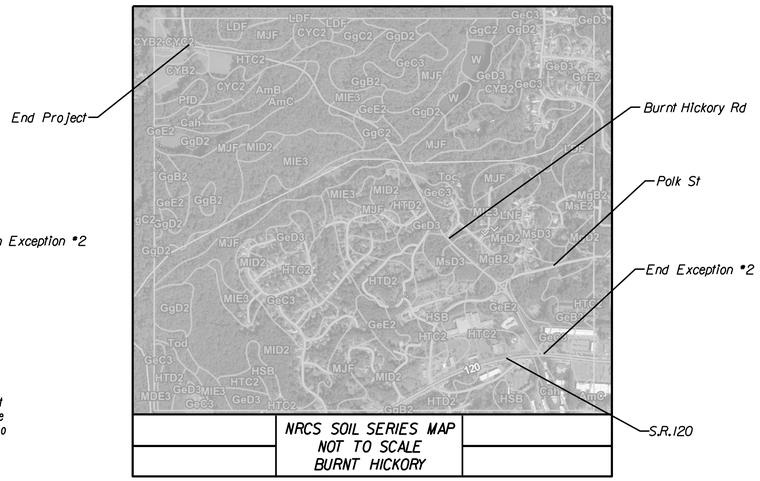
SOIL SERIES INFORMATION CONT.



NRCS SOIL SERIES MAP
NOT TO SCALE
SR 120

Due to the size and scope of this project and the nature of soil series maps, it is not reasonably practical to delineate the precise locations of the above listed soils on the construction plans. The NRCS soil survey and soil series maps for the project site are also available online at http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm.

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Cah	Cartecay fine sandy loam, 0 to 2 percent slopes, frequently flooded	0.8	0.3%
CYC2	Cecil sandy loam, 6 to 10 percent slopes, moderately eroded	0.8	0.4%
GeB3	Gwinnett clay loam, 2 to 6 percent slopes, severely eroded	17.6	7.8%
GeC3	Gwinnett clay loam, 6 to 10 percent slopes, severely eroded	61.0	27.1%
GeD3	Gwinnett clay loam, 10 to 15 percent slopes, severely eroded	34.0	15.1%
GeE2	Gwinnett clay loam, 15 to 25 percent slopes, eroded	1.7	0.8%
HSB	Hiwassee loam, 2 to 6 percent slopes	1.9	0.8%
HTC2	Hiwassee clay loam, 6 to 10 percent slopes, eroded	12.3	5.5%
HTD2	Hiwassee clay loam, 10 to 15 percent slopes, eroded	11.1	4.9%
MDC3	Madison clay loam, 6 to 10 percent slopes, severely eroded	30.6	13.6%
MDE3	Madison clay loam, 15 to 25 percent slopes, severely eroded	2.2	1.0%
MgB2	Madison sandy loam, 2 to 6 percent slopes, moderately eroded	2.0	0.9%
MgD2	Madison sandy loam, 10 to 15 percent slopes, eroded	1.6	0.7%
MJF	Musella and Pacolet stony soils, 10 to 45 percent slopes	6.8	3.0%
MIE3	Musella gravelly soils, 15 to 25 percent slopes, severely eroded	3.5	1.5%
MsD3	Madison and Pacolet soils, 10 to 15 percent slopes, severely eroded	2.9	1.3%
MsE2	Madison and Pacolet soils, 15 to 25 percent slopes, eroded	9.4	4.2%
PfD	Pacolet sandy loam, 10 to 15 percent slopes	22.6	10.0%
Toc	Toccoa sandy loam, 0 to 2 percent slopes, occasionally flooded	2.6	1.1%
WvD	Wilkes sandy loam, clayey subsoil variant, 6 to 15 percent slopes	0.2	0.1%
Totals for Area of Interest		**225.5**	**100.0%**



NRCS SOIL SERIES MAP
NOT TO SCALE
BURNT HICKORY

Due to the size and scope of this project and the nature of soil series maps, it is not reasonably practical to delineate the precise locations of the above listed soils on the construction plans. The NRCS soil survey and soil series maps for the project site are also available online at http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm.

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AmB	Appling sandy loam, 2 to 6 percent slopes	7.8	1.1%
AmC	Appling sandy loam, 6 to 10 percent slopes	9.6	1.4%
Cah	Cartecay fine sandy loam, 0 to 2 percent slopes, frequently flooded	6.9	1.0%
CYB2	Cecil sandy loam, 2 to 6 percent slopes, moderately eroded	12.6	1.8%
CYC2	Cecil sandy loam, 6 to 10 percent slopes, moderately eroded	16.9	2.4%
GeB3	Gwinnett clay loam, 2 to 6 percent slopes, severely eroded	11.8	1.7%
GeC3	Gwinnett clay loam, 6 to 10 percent slopes, severely eroded	73.8	10.6%
GeD3	Gwinnett clay loam, 10 to 15 percent slopes, severely eroded	32.8	4.7%
GeE2	Gwinnett clay loam, 15 to 25 percent slopes, eroded	30.4	4.4%
GgB2	Gwinnett loam, 2 to 6 percent slopes, eroded	13.6	2.0%
GgC2	Gwinnett loam, 6 to 10 percent slopes, eroded	11.3	1.6%
GgD2	Gwinnett loam, 10 to 15 percent slopes, eroded	29.6	4.2%
HSB	Hiwassee loam, 2 to 6 percent slopes	12.4	1.8%
HTC2	Hiwassee clay loam, 6 to 10 percent slopes, eroded	63.7	9.1%
HTD2	Hiwassee clay loam, 10 to 15 percent slopes, eroded	34.1	4.9%
LDF	Wateree-Rock outcrop-Louisburg complex, 15 to 45 percent slopes, bouldery	7.6	1.1%
LNF	Louisa soils, 25 to 60 percent slopes	9.5	1.4%
MDE3	Madison clay loam, 15 to 25 percent slopes, severely eroded	0.4	0.1%
MgB2	Madison sandy loam, 2 to 6 percent slopes, moderately eroded	7.8	1.1%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
MgD2	Madison sandy loam, 10 to 15 percent slopes, eroded	5.2	0.7%
MJF	Musella and Pacolet stony soils, 10 to 45 percent slopes	96.3	13.8%
MID2	Musella gravelly soils, 6 to 15 percent slopes, eroded	79.0	11.3%
MIE3	Musella gravelly soils, 15 to 25 percent slopes, severely eroded	48.2	6.9%
MsD3	Madison and Pacolet soils, 10 to 15 percent slopes, severely eroded	6.7	1.0%
MsE2	Madison and Pacolet soils, 15 to 25 percent slopes, eroded	10.6	1.5%
PfD	Pacolet sandy loam, 10 to 15 percent slopes	3.7	0.5%
Toc	Toccoa sandy loam, 0 to 2 percent slopes, occasionally flooded	46.0	6.6%
Tod	Toccoa sandy loam, local alluvium	3.3	0.5%
W	Water	6.1	0.9%
Totals for Area of Interest		**697.8**	**100.0%**

PETROLEUM STORAGE, SPILLS AND LEAKS

These plans expressly delegate the responsibility of proper on-site hazardous material management to the Contractor. The Contractor shall at a minimum provide an action plan and keep the necessary materials on site for the capture, clean up, and disposal of any petroleum product, or other hazardous material, leaks or spills associated with the servicing, refueling or operation of any equipment utilized at the site. A copy of the action plan shall be submitted to the Project Engineer and maintained on the project site. All personnel operating or servicing equipment shall be familiar with the action plan. The Contractor shall not park, refuel, or maintain equipment within stream buffers.

If the Contractor elects to store petroleum products on site, the Contractor shall prepare an ESPCP addendum that addresses the additional BMPs needed for onsite storage and spill prevention for petroleum products. This plan shall be prepared by a Certified Design Professional as required by GAR100002 for inclusion with these plans. The Contractor's attention is specifically directed to Standard Specification 107-Legal Regulations and Responsibility to the public for additional requirements.

POSTCONSTRUCTION BMPs FOR STORMWATER MANAGEMENT

All permanent postconstruction BMPs are shown in the construction plans and in the ESPCP plan. The postconstruction BMPs for this project consist of vegetation, riprap at pipe outlets for velocity dissipation and outlet stabilization, and vegetated swales/ditches where practical. The postconstruction BMPs will provide permanent stabilization of the site and prevent abnormal transportation of sediment and pollutants into receiving waters.

USE OF ALTERNATIVE AND/OR ADDITIONAL BMPs:

No alternative or additional BMPs will be used on this project.

SILT FENCE INSTALLATION WITH J HOOKS AND SPURS

Silt fence should never be run continuously. The silt fence should turn back into the fill or slope to create small pockets that trap silt and force stormwater to flow through the silt fence. This technique is called using J hooks (or spurs). The J hooks shall be utilized on all silt fences that are located around the perimeter of the project and along the toe of embankments or slopes. The J hooks shall be spaced in accordance with GDOT Construction Detail D-24C. The maximum J-hook spacing is reached when the top of the J hook is at the same elevation as the bottom of the immediately upgradient J hook. J Hooks shall be paid for as silt fence items per linear foot. All costs and other incidental items are included in cost of installing and maintaining the silt fence.

BMP INSTALLATION AND MAINTENANCE MEASURES

See the Department's Standard Specifications (or Special Provisions) 161, 163, 165, 700, 711, and other contract documents for installation and maintenance measures.

WASTE DISPOSAL

Where attainable, locate waste collection areas, dumpsters, trash cans and portable toilets at least 50 feet away from streets, gutters, watercourses and storm drains. Secondary containment shall be provided around liquid waste collection areas to minimize the likelihood of contaminated discharges. The Contractor shall comply with applicable state and local waste storage and disposal regulations and obtain all necessary permits. Waste materials shall not be discharged to Waters of the State, except as authorized by a Section 404 Permit.

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

ESPCP GENERAL NOTES

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		51-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

NONSTORMWATER DISCHARGES

Nonstormwater discharges defined in Part III.A.2 of the NPDES Permit will be identified after construction has commenced. These discharges shall be subject to the same requirements as storm water discharges required by the Georgia Erosion and Sedimentation Control Act, the NPDES Permit, the Clean Water Act, the Manual for Erosion and Sediment Control in Georgia, Department Standards, and other contract documents. The NPDES does not authorize the discharge of soaps or solvents used in vehicle and equipment washing or the discharge of wastewater containing stucco, paint, oils, curing compounds, and other construction materials.

INSPECTIONS AND REPORTING

The primary permittee (COBB DOT) must retain the design professional who prepared the ESPCP, or an alternative design professional approved by EPD in writing, to inspect the installation of the initial sediment storage requirements and perimeter control BMPs within 7 days of installation over the entire infrastructure project. Alternatively, for linear infrastructure projects, the permittee must retain either of these personnel to inspect the initial sediment storage requirements and perimeter control BMPs for the initial segment, as defined by Part IV.A.5. of the current GAR100002 Permit, within 7 days of installation and all sediment basins within the entire linear infrastructure project within 7 days of installation. The inspecting design professional shall report the results to the primary permittee within 7 days, and the permittee must correct all deficiencies within 2 business days of receipt of the inspection report, unless on-site weather conditions are such that more time is required. Additionally, the primary permittee's Construction Project Engineer will be responsible for all subsequent 7 day inspections for all new BMP installations.

All other inspections shall be documented on the appropriate COBB DOT inspection forms. See Standard Specification (or Special Provision) 167 and other contract documents for inspection and reporting requirements. These inspections shall continue until the Notice of Termination (NOT) is submitted.

Whenever the primary permittee (COBB DOT) finds that a BMP has failed or is deficient beyond routine maintenance and has resulted in sediment deposition into waters of the State, the Contractor shall take reasonable steps to address the condition, including cleaning up any contaminated surfaces so the material will not discharge in subsequent storm events. When the repair does not require a new or replacement BMP or significant repair, the BMP failure or deficiency must be corrected by the close of the next business day from the time of discovery. A repair requiring a new or replacement BMP or significant repair must be operational by no later than 7 days from the time of discovery. If the repair time within 7 days is infeasible, the Contractor and the primary permittee shall schedule the BMP repair to be operational as soon as practical after the 7 day time frame.

Failure to perform inspections as required by the contract documents and the NPDES permit shall result in the cessation of all construction activities with the exception of Traffic Control and Erosion Control. Continued failure to perform inspections shall result in non-refundable deductions as specified in the contract documents.

OTHER CONTROLS

If the Contractor elects to store building material, building products, construction waste, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials on the site, the Contractor shall provide an appropriate covering to minimize the exposure of those materials or products to precipitation and stormwater to minimize the discharge of pollutants. Minimization of exposure is not required in cases where exposure to precipitation and to stormwater will not result in a discharge of pollutants, or where exposure of the specific material or product poses little risk to stormwater contamination or is intended for outdoor use.

The Contractor shall follow this ESPCP and ensure and demonstrate compliance with all applicable State and/or local regulations for waste disposal, sanitary sewer and septic systems, and petroleum storage.

The Contractor shall control dust from the site in accordance with Section 161 of the current edition of the Department's Standard Specifications.

READY MIX CHUTE WASH DOWN

The washing of ready-mix concrete drums and dump truck bodies used in the delivery of Portland cement concrete is prohibited on this site.

In accordance with Standard Specification 107: Legal Regulations and Responsibility to the Public, only the discharge chute utilized in the delivery of Portland cement concrete may be rinsed free of fresh concrete remains. The Contractor shall excavate a pit outside of State water buffers, at least 25 feet from any storm drain and outside of the travelled way, including shoulders, for a wash-down pit. The pit shall be large enough to store all wash-down water without overtopping. Immediately after the wash-down operations are completed and after the wash-down water has soaked into the ground, the pit shall be filled in, and the ground above it shall be graded to match the elevation of the surrounding areas. Alternate wash-down plans must be approved by the Project Engineer.

Wash-down plans describe procedures that prevent wash-down water from entering streams and rivers. Never dispose of wash-down water down a storm drain. Establish a wash-down pit that includes the following: (1) a location away from any storm drain, stream, or river, (2) access to the vehicle being used for wash down, (3) sufficient volume for wash-down water, and (4) permission to use the area for wash down.

On sites where permission or access to excavate a wash-down pit is unavailable, the Contractor may have to wash-down into a sealable 55-gallon drum or other suitable container and then transport the container to a proper disposal site. For additional information, refer to the Georgia Small Business Environmental Assistance Program's "A Guide for Ready Mix Chute/Hopper Wash-down".

TEMPORARY SEDIMENT BASIN DETAILS:

LOCATION 1-34:
Sediment basins are not used at these locations.
The disturbance activities consist of clearing & grubbing and general roadway construction. Land disturbance activities associated with constructing and removing sediment basins at this outfall location would cause additional adverse impacts. BMP's as shown in the erosion control plans are adequate to control sediment runoff from the disturbed areas of the project.

RETENTION OF RECORDS

The Department will retain all records related to the implementation of this ESPCP in accordance with Part IV.F of the General Permit GAR100002.

DEWATERING AND PUMPING ACTIVITIES

Any pumped discharge from an excavation or disturbed area shall be routed through an appropriately sized sediment basin, silt filter bag, or shall be treated equivalently with suitable BMP's. The contractor shall ensure the post BMP treated discharge is sheet flowing. Failure to create sheet flow will obligate the contractor to perform water quality sampling of pumped discharges. The contractor shall prepare sampling plans in accordance with the current GAR100002 NPDES permit by utilizing a Certified Design Professional. No separate payment will be made for water quality sampling of pump discharges.

SEDIMENT STORAGE

The site has a total disturbed area of 13.25 acres. The following table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the storage volumes for the BMP's specified in this table.

Location	Total Drainage Area (acres)	Disturbed Area (acres)	Required Sediment Storage Volume (yd³)	Total Storage Volume Provided (yd³)	Ditch Checks (Cd-Fs)		Ditch Checks (Cd-S)		Inlet Sediment Traps Curb Inlet (SD2-F)		Silt Gates (Fr)		Rock Filter Dams (Rd)		Silt Fence		J-Hooks		Diversion
					# of Devices	Total Volume (yd³)	# of Devices	Total Volume (yd³)	# of Devices	Total Volume (yd³)	# of Devices	Total Volume (yd³)	# of Devices	Total Volume (yd³)	Length of Fence (ft)	Total Volume (yd³)	# of Devices	Total Volume (yd³)	# of Acres Diverted
Outfall 1	31.34	1.12	299.49	708.44	18.00	32.96	3.00	22.00	12.00	12.44	2.00	4.80	0.00	0.00	3305.88	553.73	33.00	82.50	26.87
Outfall 35	13.67	0.34	117.25	122.23	0.00	0.00	0.00	0.00	5.00	5.19	4.00	9.60	0.00	0.00	566.84	94.95	5.00	12.50	11.92
Outfall 2	7.15	0.44	479.05	249.13	3.00	13.50	0.00	0.00	10.00	10.37	2.00	12.00	0.00	0.00	923.95	154.76	9.00	22.50	0.00
Outfall 3	1.62	0.02	1.47	2.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60
SHEET FLOW 4	0.74	0.01	49.58	327.55	26.00	57.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1418.21	237.55	13.00	32.50	0.00
Outfall 5	0.71	0.34	47.57	243.89	0.00	0.00	1.00	9.60	1.00	1.04	0.00	0.00	1.00	0.00	1213.44	203.25	12.00	30.00	0.00
Outfall 33	0.36	0.20	24.12	163.47	0.00	0.00	0.00	0.00	2.00	2.07	0.00	0.00	0.00	0.00	859.10	143.90	7.00	17.50	0.00
Outfall 6	0.80	0.45	53.60	244.12	1.00	7.22	0.00	0.00	1.00	1.04	0.00	0.00	0.00	0.00	1229.04	205.86	12.00	30.00	0.00
Outfall 7	0.78	0.50	52.26	360.41	14.00	66.80	0.00	0.00	3.00	3.11	0.00	0.00	1.00	12.00	1468.63	246.00	13.00	32.50	0.00
Outfall 8	22.82	0.19	121.94	258.70	7.00	17.60	0.00	0.00	3.00	3.11	0.00	2.51	1.00	12.00	1170.04	195.98	11.00	27.50	21.00
Outfall 9	27.19	0.86	213.73	401.54	34.00	94.00	0.00	0.00	1.00	1.04	2.00	5.61	0.00	0.00	1557.54	260.89	16.00	40.00	24.00
Outfall 10	1.07	0.43	71.69	370.81	15.00	60.20	0.00	0.00	5.00	5.19	3.00	12.03	1.00	0.00	1527.72	255.89	15.00	37.50	0.00
SHEET FLOW 11	0.42	0.24	28.14	72.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	371.56	62.24	4.00	10.00	0.00
SHEET FLOW 12	0.85	0.51	56.95	160.15	5.00	58.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	529.86	88.75	5.00	12.50	0.00
Outfall 13	1.77	0.76	118.59	359.61	23.00	78.90	0.00	0.00	5.00	5.19	4.00	21.26	0.00	0.00	1309.02	219.26	14.00	35.00	0.00
Outfall 14	1.82	0.24	19.43	126.95	0.00	0.00	0.00	0.00	2.00	2.07	0.00	0.00	0.00	0.00	655.96	109.87	6.00	15.00	1.53
Outfall 15	0.86	0.12	57.62	67.32	6.00	30.00	0.00	0.00	2.00	2.07	1.00	4.67	0.00	0.00	167.60	28.07	1.00	2.50	0.00
Outfall 16	10.16	1.08	412.72	455.37	25.00	199.40	8.00	32.00	13.00	13.48	2.00	8.00	0.00	0.00	1059.63	177.49	10.00	25.00	4.00
Outfall 17	10.38	0.97	360.46	434.78	29.00	121.14	17.00	89.08	1.00	1.04	2.00	6.28	0.00	0.00	1132.79	189.74	11.00	27.50	5.00
SHEET FLOW 18	0.23	0.12	15.41	30.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	168.13	28.16	1.00	2.50	0.00
Outfall 19	2.31	0.14	30.15	56.45	0.00	0.00	0.00	0.00	1.00	1.04	2.00	2.08	0.00	0.00	273.63	45.83	3.00	7.50	1.86
Outfall 20	11.45	0.14	18.76	87.13	0.00	0.00	0.00	0.00	1.00	1.04	0.00	0.00	0.00	0.00	454.29	76.09	4.00	10.00	11.17
Outfall 21	11.12	0.01	4.69	34.54	0.00	0.00	0.00	0.00	1.00	1.04	0.00	0.00	0.00	0.00	199.99	33.50	0.00	0.00	11.05
Outfall 22	0.77	0.29	51.58	125.76	5.00	10.90	0.00	0.00	4.00	4.15	0.00	0.00	0.00	0.00	586.33	98.21	5.00	12.50	0.00
Outfall 32A	12.98	0.64	233.16	293.13	0.00	0.00	0.00	0.00	4.00	4.15	0.00	0.00	0.00	0.00	1501.41	251.49	15.00	37.50	9.50
Outfall 32	1594.96	-	373.86	405.85	0.00	0.00	0.00	0.00	17.00	17.63	0.00	5.23	0.00	0.00	1967.71	329.59	18.00	45.00	1589.38
Outfall 34	3.46	0.47	140.70	112.72	2.00	8.40	0.00	0.00	13.00	13.48	2.00	5.23	0.00	0.00	466.30	78.11	3.00	7.50	1.36
Outfall 25	0.85	0.53	56.95	518.04	26.00	45.80	0.00	0.00	6.00	6.22	0.00	0.00	0.00	0.00	2424.01	406.02	24.00	60.00	0.00
Outfall 26	0.20	0.24	13.40	127.66	8.00	17.80	0.00	0.00	1.00	1.04	0.00	0.00	0.00	0.00	575.08	96.33	5.00	12.50	0.00
Outfall 27	27.07	0.52	51.59	224.55	0.00	0.00	0.00	0.00	3.00	3.11	0.00	0.00	0.00	0.00	1172.79	196.44	10.00	25.00	26.30
Outfall 28	15.34	0.34	35.51	125.71	0.00	0.00	0.00	0.00	2.00	2.07	0.00	0.00	0.00	0.00	648.56	108.63	6.00	15.00	14.81
SHEET FLOW 29	0.39	0.31	26.13	101.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	531.31	88.99	5.00	12.50	0.00
Outfall 30	0.60	0.38	40.20	188.62	0.00	0.00	0.00	0.00	2.00	2.07	0.00	0.00	1.00	12.00	922.67	154.55	8.00	20.00	0.00
SHEET FLOW 31	0.35	0.30	23.45	53.25	0.00	8.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	288.03	48.25	2.00	5.00	0.00
TOTAL DISTURBED AREA (AC)=	13.25																		

To prevent runoff from bypassing inlet sediment traps, a temporary sump shall be installed around all inlet sediment traps that are not located in a low point or an excavated sump. Construct temporary sumps in accordance with Construction Detail D-24C. Temporary sumps shall be installed in a manner that ensures stormwater does not bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.

OUTFALL 2: The total sediment storage volume provided in Outfall 2 is less than the required 67 CY of sediment storage per acre due to the large undisturbed land upstream of the outfall. The disturbed area within Basin 2 is 0.44 Ac, accounting for only 6.15% of the basin total of 7.15 Ac. The majority of the water flows through natural contours towards an existing cross pipe and remains undisturbed. The disturbed area within this Basin will be treated with grassing and mulch as needed to control sediment runoff.

OUTFALL 34: The total sediment storage volume provided in Outfall 34 is less than the required 67 CY of sediment storage per acre due to the large undisturbed land upstream of the outfall. The disturbed area within Basin 34 is 0.47 Ac, accounting for only 13.58% of the basin total of 3.46 Ac. The disturbed area within this Basin will be treated with grassing and mulch as needed to control sediment runoff.

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

ESPCP GENERAL NOTES

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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DRAWING No. 51-0003

DISCHARGES INTO OR WITHIN ONE LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT

The following is a summary of project outfalls within 1 mile and within the watershed of an identified impaired stream segment that has been listed for criteria violated, "Bio F" (impaired fish community) and/or "Bio M" (impaired macro Inverlebrate community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff).

Outfall ID # and Location (Station and Offset)	Reach Name	Location of the Impaired Stream Segment as Indicated in the 305b/303d List	Criteria Violated (Bio F or Bio M)	Potential Cause (NP or UR)	Category (4a, 4b, or 5)	Numeric waste load allocation (WLA) for sediment*
Outfall 1, STA 24+37.90, 29.56' LT Outfall 35, STA 27+68.91, 31.02' RT Outfall 2, STA 33+16.70, 29.81' LT Outfall 3, STA 43+84.37, 55.04' LT Outfall 4, STA 42+74.13, 3.48' RT Outfall 5, STA 50+18.87, 37.67' RT Outfall 33, STA 52+92.41, 39.40' RT Outfall 6, STA 54+32.66, 37.59' RT Outfall 7, STA 61+26.93, 77.35' RT Outfall 8, STA 70+97.11, 37.55' RT Outfall 9, STA 75+52.16, 34.56' RT	Ward Creek	Headwaters to Noses Creek	Bio F	UR	4a	N/A
TMDL completed FC 2003(revised 2008). TMDL completed Bio F 2008.						
Outfall 21, STA 306+50.00, 25.00' LT Outfall 22, STA 309+99.74, 114.93' LT Outfall 32A, STA 324+43.59, 34.85' RT Outfall 34, STA 332+49.69, 36.26' LT Outfall 25, STA 332+83.04, 31.43' LT Outfall 26, STA 341+40.59, 35.49' LT Outfall 27, STA 348+56.82, 54.57' LT Outfall 28, STA 353+31.05, 41.00' LT Outfall 29, STA 359+00.00, 40.00' LT	Noses Creek	Headwaters to Ward Creek	Bio F	NP	4a	N/A
TMDL completed Bio F 2008.						

* If the TMDL Implementation Plan establishes a specific numeric waste load allocation that applies to the project discharge(s) to the Impaired Stream Segment, then the Certified Design Professional must incorporate that allocation into the Erosion, Sedimentation and Pollution Control Plan and implement all necessary measures to meet that allocation. See Appendix I for additional required BMPs for this project.

STATE-WATER BUFFER IMPACTS

State-water buffers, as defined by O.C.G.A. 12-7-1, are impacted by this project.

Non-exempt activities shall not be conducted within the 25- or 50-foot undisturbed stream buffers as measured from the point wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits.

The Contractor is not authorized to enter into stream buffers, except as described in the table below:

Name or Number of Stream or Other Water Body Type	Location of Buffered Streams and State Waters**			Stream Type (Warm/Cold Water)*	Buffer Variance Required? (Yes/No)
	Roadway Alignment	Begin Station and Offset	End Station and Offset		
Ward Creek	Cheatham Hill	STA 23+29, 55' RT	STA 24+10, 45' RT	Warm	No
Ward Creek	Cheatham Hill	STA 53+97, 24' RT	STA 54+41, 49' RT	Warm	No
Noses Creek	Burnt Hickory	STA 333+00, 36' LT	STA 333+16, 48' LT	Warm	No
Noses Creek	Burnt Hickory	STA 348+17, 59' LT	STA 349+05, 51' LT	Warm	No
The contractor is allowed to extend the culvert and construct slopes.					

Unless noted otherwise, utility companies will be submitting the required permits/variances in conjunction with the impacts caused by their activities. If utility impacts are covered by the Department's stream buffer variance, this shall be noted in the buffer-variance-required column.

* Warm water streams have a 25-foot minimum buffer as measured from the wrested vegetation. Cold Water streams have a 50-foot buffer as measured from the wrested vegetation.
**Locations are approximate, a detailed location of stream buffers and authorized work areas are shown on the Individual BMP sheets

WATER QUALITY INSPECTING AND SAMPLING PROCEDURES

See Special Provision 167 and other contract documents for the inspecting and sampling procedures. Sampling locations are provided in the Sampling Location table herein.

SAMPLING LOCATIONS AND GENERAL NOTES

Representative sampling may be utilized on this project as explained here. The individual outfall drainage basins along the project corridor have been carefully evaluated and compared on the basis of four characteristics: the type of construction activity, the disturbed acreage, the average slope about the outfall, and the soil erosion index 0-10, 10 being the most erodible soil. The construction activity types are new road on fill, new road in cut, road widening, and maintenance/safety. The disturbed area classes are less than or equal to 1 acre, greater than 1 acre to less than 2 acres, and equal to or greater than 2 acres. The average outfall slope is mild if it is equal to or less than 0.03, and steep if it is greater than 0.03. The soil erosion index is low if it is less than or equal to 5 and high if it is greater than 5. After evaluation of these characteristics as presented in the project's drainage area map, hydrology and hydraulic studies, construction plans, geotechnical soil survey, and erosion sedimentation and pollution control plans, the Department has determined that the representative sampling scheme shown below is valid for the duration of the project. The table shows the groups of similar outfall drainage basins.

The increase in turbidity at the specified locations in the table below will be representative of the alternate outfall drainage basins when similar outfall drainage basins exist. Approved primary and alternate representative sampled features are identified in the table below.

Note: The Total site area is 14.77 acres.

SAMPLING INFORMATION											Representative Sampling Scheme OUTFALL CHARACTERISTICS				
Primary Sampled Feature	Location (Station and Offset)	Name of Receiving Water	Applicable Construction Stage for Sampling	Sampling Type (Outfall or Receiving water)	Drainage Area for Receiving Water (mi^2)	Upstream Disturbed Area (acres)	Warm or Cold Water Stream	Appendix B NTU Value (Outfall Sampling only)	Allowable NTU Increase (Receiving water sampling only)	Location Description	Construction Activity	Disturbed Area (acres)	Average Outfall Slope (Rise/Run)	Soil Erosion Index	Represented Outfall Drainage Basins
1	24+37.90, 29.56' LT	Ward Creek	All	Outfall	5.99	1.12	Warm	100	N/A	Crosspipe Outfall	Road Widening	1.12	0.062	7	16
33 Up	53+70.00, 30.00' RT	Ward Creek	All	Receiving Water	5.99	N/A	Warm	N/A	25	Streambank	Road Widening	N/A	N/A	N/A	N/A
33 Dn	53+80.00, 25.00' LT	Ward Creek	All	Receiving Water	5.99	0.00	Warm	N/A	25	Streambank	Road Widening	N/A	N/A	N/A	N/A
10	86+70.04, 34.86' RT	Ward Creek	All	Outfall	5.99	N/A	Warm	100	N/A	Crosspipe Outfall	Road Widening	0.43	0.033	7	35,2,3,4,8,11,12,13,15,17,18, 19,20,21,22,34,26,29,30
27	348+56.82, 54.57' LT	Noses Creek	All	Outfall	5.76	N/A	Warm	100	N/A	Crosspipe Outfall	Road Widening	0.52	0.011	7	33,6,7,9,14,32A,25,28,31

The primary sampled features specified should be used as the initial sampling locations. An alternate sampled feature may be used if additional sampling is required or to replace a primary sampled feature that is no longer located within the active phase of construction.

RIPRAP OUTLET PROTECTION

Structure #, Outfall ID#, or Station and Offset	Pipe Diameter Do (ft)	Q_{25} (ft^3/s)	V_{25} (ft/s)	Tailwater Condition (TW<0.5 Do TW>0.5 Do)	Width at Drainage Structure W1=3Do (ft)	Apron Length La (ft)	Downstream Width W2=Do+La (ft)	Average Stone Diameter d_{50} (ft)	Apron Thickness D (ft)	Riprap Type (Type 3 or Type 1)	Quantity (yd^2)
Pipe 30, Outfall 33, STA 52+92.41	1.5	3.19	5.94	TW<0.5 Do	4.50	9	10.50	1.50	1.50	Type 3	8
Pipe 35, Outfall 6, STA 54+32.66	1.5	4.96	6.83	TW<0.5 Do	4.50	9	10.50	1.50	1.50	Type 3	8
Pipe 37, Outfall 8, STA 70+97.11	2.0	16.91	8.87	TW>0.5 Do	6.00	9	11.00	1.50	1.50	Type 3	180
Pipe 23, Outfall 9, STA 75+52.16	3.0	35.58	16.75	TW<0.5 Do	9.00	16	19.00	1.50	1.50	Type 3	180
Pipe 45, Outfall 10, STA 86+70.04	2.0	7.93	6.47	TW<0.5 Do	4.50	9	10.50	1.50	1.50	Type 3	8
Pipe 28, Outfall 13, STA 106+48.20	1.5	8.34	10.96	TW>0.5 Do	4.50	7.6	9.10	1.50	1.50	Type 3	6
Pipe 13, Outfall 34 STA 332+49.69	1.5	12.95	7.73	TW<0.5 Do	4,50	9.5	11.00	1.50	1.50	Type 3 River Rock	12
Pipe 79, Outfall 25, STA 332+83.07	1.5	7.17	6.7	TW<0.5 Do	4.50	9	10.50	1.50	1.50	Type 3 River Rock	13
Pipe 81, Outfall 26, STA 341+40.59	1.5	1.81	4.38	TW<0.5 Do	4,50	9	10.50	1.50	1.50	Type 3 River Rock	8
Pipe 90, Outfall 27, STA 348+56.82	3.0	18.25	12.08	TW<0.5 Do	9.00	20	23.00	1.50	1.50	Type 3 River Rock	36
Pipe 92, Outfall 28, STA 353+31.05	3.0	12.35	11.17	TW<0.5 Do	9.00	20	23.00	1.50	1.50	Type 3 River Rock	36

See plans for additional Riprap locations.

CHANNEL PROTECTION

All channels may be stabilized exclusively with permanent grassing except as noted otherwise in the table below.

Begin Station and Offset	End Station and Offset	Q_{25} (ft^3/s)	V_{25} (ft/s)	Type of Channel Lining	Channel Bottom Width (ft)	Depth of Protection Dp (ft)	Quantity (yd^2)
22+46.90 RT	23+69.45 RT	1.4	3.16	Type 3- Rip Rap	2.0	2.00	45
23+83.18 RT	24+39.36 RT	2.0	1.89	Type 3- Rip Rap	2.0	2.00	29
24+39.36 RT	25+47.26 RT	2.0	1.89	Ch-Trm1	2.0	0.25	48
26+29.40 RT	27+80.46 RT	3.9	1.12	Ch-Trm1	2.0	0.25	67
32+59.91 RT	33+29.95 RT	0.4	1.79	Ch-Trm1	2.0	0.25	31
69+50.00 RT	70+97.39 RT	0.1	0.39	Type 3- Rip Rap	N/A	2.00	180
75+33.20 RT	75+52.13 RT	33.6	16.55	Type 3- Rip Rap	2.0	2.00	25
106+76.92 RT	110+43.41 RT	3.3	2.81	Ch-Trm1	2.0	0.25	163
200+85.00 RT	202+00.00 RT	1.1	1.80	Ch-Trm1	4.0	0.25	77
202+00.00 RT	204+00.00 RT	0.9	1.94	Ch-Trm1	4.0	0.25	133
204+00.00 RT	212+02.65 RT	5.9	2.63	Ch-Trm1	4.0	0.25	535
213+45.43 RT	222+60.49 RT	12.7	4.69	Ch-Trm1	4.0	0.25	610
311+05.00 LT	311+75.00 LT	0.2	4.74	Ch-Trm1	2.0	0.25	47

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

ESPCP GENERAL NOTES

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 51-0004

7/31/2015 GPLN

Georgia Soil and Water Conservation Commission

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST

INFRASTRUCTURE CONSTRUCTION PROJECTS

SWCD: REGION 1

Project Name: KENNESAW MOUNTAIN PEDESTRAIN IMPROVEMENTS

City/County: COBB COUNTY

Address: CHEATHAM HILL RD, SR 120, AND BURNT HICKORY

Date on Plans: 09/04/2020

Name & Email of Person Filling Out Checklist: Patrick Peters, ppeter@heath-lineback.com

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
51-0005	Y	1 The applicable Erosion, Sedimentation and Pollution Control Plan Checklist established by the Commission as of January 1 of the year in which the land-disturbing activity was permitted. (The completed Checklist must be submitted with the ES&PC Plan or the Plan will not be reviewed)
50-0001	Y	2 Level II certification number issued by the Commission, signature and seal of the certified design professional. (Signature, seal and Level II number must be on each sheet pertaining to ES&PC Plan or the Plan will not be reviewed)
50-0001	Y	3 The name and phone number of the 24-hour local contact responsible for erosion, sedimentation and pollution controls.
50-0001	N	4 Provide the name, address, email address, and phone number of primary permittee.
53-0006; 53-0007	Y	5 Note total and disturbed acreage of the project or phase under construction.
50-0001	Y	6 Provide the GPS locations of the beginning and end of the Infrastructure project. Give the Latitude and Longitude in decimal degrees.
50-0001	Y	7 Initial date of the Plan and the dates of any revisions made to the Plan including the entity who requested the revisions.
51-0001	Y	8 Description of the nature of construction activity.
50-0001	Y	9 Provide vicinity map showing site's relation to surrounding areas. Include designation of specific phase, if necessary.
51-0004; 55-0001	Y	10 Identify the project receiving waters and describe all sensitive adjacent areas including streams, lakes, residential areas, wetlands, marshlands, etc. which may be affected.
50-0001	Y	11 Design professional's certification statement and signature that the site was visited prior to development of the ES&PC Plan as stated on Part IV page 21 of the permit.
50-0001	Y	12 Design professional's certification statement and signature that the permittee's ES&PC Plan provides for an appropriate and comprehensive system of BMPs and sampling to meet permit requirements as stated on Part IV page 20 of the permit. *
50-0001	Y	13 Design professional certification statement and signature that the permittee's ES&PC Plan provides for representative sampling as stated on Part IV.D.6.c.(3) page 37 of the permit as applicable. *
51-0003	Y	14 Clearly note the statement that "The design professional who prepared the ES&PC Plan is to inspect the installation of the initial sediment storage requirements, perimeter control BMPs, and sediment basins within 7 days after installation." in accordance with Part IV.A.5 page 26 of the permit. *
51-0004	Y	15 Clearly note the statement that "Non-exempt activities shall not be conducted within the 25 or 50-foot undisturbed stream buffers as measured from the point of wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits."
51-0004	Y	16 Provide a description of any buffer encroachments and indicate whether a buffer variance is required.
51-0001	Y	17 Clearly note the statement that "Amendments/revisions to the ES&PC Plan which have a significant effect on BMPs with a hydraulic component must be certified by the design professional." *
51-0002	Y	18 Clearly note the statement that "Waste materials shall not be discharged to waters of the State, except as authorized by a Section 404 permit." *
51-0001	Y	19 Clearly note statement that "The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land disturbing activities."
51-0001	Y	20 Clearly note statement that "Erosion control measures will be maintained at all times. If full implementation of the approved Plan does not provide for effective erosion control, additional erosion and sediment control measures shall be implemented to control or treat the sediment source."
51-0001	Y	21 Clearly note the statement "Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding."
51-0004	N	22 Any construction activity which discharges storm water into an Impaired Stream Segment, or within 1 linear mile upstream of and within the same watershed as, any portion of an Biota Impaired Stream Segment must comply with Part III. C. of the permit. Include the completed Appendix 1 listing all the BMPs that will be used for those areas of the site which discharge to the Impaired Stream Segment *
51-0004	N	23 If a TMDL Implementation Plan for sediment has been finalized for the Impaired Stream Segment (identified in item 22 above) at least six months prior to submittal of NOI, the ES&PC Plan must address any site-specific conditions or requirements included in the TMDL Implementation Plan. *
51-0003	Y	24 BMPs for concrete washdown of tools, concrete mixer chutes, hoppers and the rear of the vehicles. Washout of the drum at the construction site is prohibited. *
51-0002	Y	25 Provide BMPs for the remediation of all petroleum spills and leaks.
51-0001	Y	26 Description of the measures that will be installed during the construction process to control pollutants in storm water that will occur after construction operations have been completed. *
51-0003	Y	27 Description of practices to provide cover for building materials and building products on site. *
51-0003	Y	28 Description of the practices that will be used to reduce the pollutants in storm water discharges. *

Plan Page #	Included Y/N	TO BE SHOWN ON ES&PC PLAN
51-0001	Y	29 Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).
51-0003	Y	30 Provide complete requirements of inspections and record keeping by the primary permittee. *
51-0004	N	31 Provide complete requirements of sampling frequency and reporting of sampling results. *
51-0003	Y	32 Provide complete details for retention of records as per Part IV.F. of the permit. *
51-0004	Y	33 Description of analytical methods to be used to collect and analyze the samples from each location. *
51-0004	Y	34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *
55-0001	Y	35 Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling as applicable. *
51-0001; 54-ALL	Y	36 A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the Plan may combine all of the BMPs into a single phase. *
53-ALL; 54-ALL; 55-0001	Y	37 Graphic scale and North arrow.
53-ALL	Y	38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: (Existing Contours: USGS 1": 2000' Topographical Sheets; Proposed Contours: 1": 400' Centerline Profile)
51-0002	N/A	39 Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.org.
N/A	N/A	40 Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition. *
53-ALL; 54-ALL	Y	41 Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.
53-ALL; 54-ALL; 55-0001	Y	42 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.
53-ALL	Y	43 Delineation and acreage of contributing drainage basins on the project site.
55-0001	Y	44 Delineate on-site drainage and off-site watersheds using USGS 1" :2000' topographical sheets.
53-0005; 53-0006; 53-0010	Y	45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.
51-0004; 53-ALL	Y	46 Storm drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.
51-0001; 51-0002	Y	47 Soil series for the project site and their delineation.
54-ALL	Y	48 The limits of disturbance for each phase of construction.
51-0003	Y	49 Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the Plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the Plan.
54-ALL	Y	50 Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.
56-ALL	Y	51 Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.
51-0001	Y	52 Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.

* If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream, the * checklist items would be N/A.

Effective January 1, 2020

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REVISION DATES

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DRAWING No. 51-0005

7/31/2015 GPLN

APPENDIX 1

THE ES&PC PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPS FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO A IMPAIRED STREAM SEGMENT AND FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME.

The four items chosen must be appropriate for the site conditions.

Plan Page #	Included Y/N		
N/A	N	a.	During construction activities, double the width of the 25 foot undisturbed vegetated buffer along all State waters requiring a buffer and the 50 foot undisturbed vegetated buffer along all State waters classified as "trout streams" requiring a buffer. During construction activities, EPD will not grant variances to any such buffers that are increased in width.
N/A	N	b.	Increase all temporary sediment basins and retrofitted storm water management basins to provide sediment storage of at least 3600 cubic feet (134 cubic yards) per acre drained.
N/A	N	c.	Use baffles in all temporary sediment basins and retrofitted storm water management basins to at least double the conventional flow path length to the outlet structure.
54-01, 54-22, 54-28, 54-40	N	d.	A large sign (minimum 4 feet x 8 feet) must be posted on site by the actual start date of construction. The sign must be visible from a public roadway. The sign must identify the following: (1) construction site, (2) the permittee(s), (3) the contact person(s) and telephone number(s), and (4) the permittee-hosted website where the Plan can be viewed must be provided on the submitted NOI. The sign must remain on site and the Plan must be available on the provided website until a NOT has been submitted.
54-ALL	Y	e.	Use flocculants or coagulants and/or mulch to stabilize areas left disturbed for more than seven (7) calendar days in accordance with Section III. D.1. of the NPDES Permit.
N/A	N	f.	Conduct turbidity sampling after every rain event of 0.5 inch or greater within any 24 hour period, recognizing the exceptions specified in Section IV.D.6.d. of the NPDES Permits.
N/A	N	g.	Comply with the applicable end-of-pipe turbidity effluent limit, without the "BMP defense" as provided for in O.C.G.A. 12-7-6 (a)(1).
N/A	N	h.	Reduce the total planned site disturbance to less than 50% impervious surfaces (excluding any State-mandated buffer areas from such calculations). All calculations must be included on the Plan.
N/A	N	i.	Limit the amount of disturbed area at any one time to no greater than 25 acres or 50% of the total planned site, whichever is less. All calculations must be included on the Plan.
N/A	N	j.	Use "Dirt II" techniques available on the EPD website to model and manage construction storm water runoff (including sheet flow). All calculations must be included on the Plan. (https://epd.georgia.gov/erosion-and-sedimentation)
N/A	N	k.	Add appropriate organic soil amendments (e.g., compost) and conduct pre- and post-construction soil sampling to a depth of six (6) inches to document improved levels of soil carbon after final stabilization of the construction site.
N/A	N	l.	Use mulch filter berms, in addition to a silt fence, on the site perimeter wherever construction storm water (including sheet flow) may be discharged. Mulch filter berms cannot be placed in waterways or areas of concentrated flow.
54-ALL	Y	m.	Use appropriate erosion control slope stabilization instead of concrete in all construction storm water ditches and storm drainages designed for a 25 year, 24 hour rainfall event.
N/A	N	n.	Use flocculants or coagulants under a passive dosing method (e.g., flocculant blocks) within construction storm water ditches and storm drainages that feed into temporary sediment basins and retrofitted management basins.
N/A	N	o.	Install sod for a minimum 20 foot width (in lieu of seeding) after final grade has been achieved, along the site perimeter wherever storm water (including sheet flow) may be discharged.
51-01, 51-02	Y	p.	Conduct soil tests to identify and to implement site-specific fertilizer needs.
51-03	Y	q.	Certified personnel for primary permittees shall conduct inspections at least twice every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Section IV.D.4.a.(3)(a) – (c); secondary permittees, Section IV.D.4.b.(3)(a) – (c); and tertiary permittees Section IV.D.4.c.(3)(a) – (c) *
N/A	N	r.	Apply the appropriate compost blankets (minimum depth 1.5 inches) to protect soil surfaces until vegetation is established during the final stabilization phase of the construction activity.
N/A	N	s.	Use alternative BMPs whose performance has been documented to be superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). (If using this item please refer to the Alternative BMP guidance document found at www.gaswcc.georgia.gov)
N/A	N	t.	Limit the total planned site disturbance to less than 15% impervious surfaces (excluding any state mandated buffer areas from such calculations). All calculations must be included in the Plan.
N/A	N	u.	Conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase of the project by the design professional who prepared the Plan in accordance with Section IV.A.5 of the permit. The Plan must include a statement that the primary permittee must retain the design professional who prepared the Plan to conduct inspections during the intermediate grading and drainage BMP phase and during the final BMP phase.
N/A	N	v.	Install Post Construction BMPs (e.g., runoff reduction BMPs) which remove 80% TSS as outlined in the Georgia Stormwater Management Manual known as the Blue Book or an equivalent or more stringent design manual.

Effective January 1, 2020

* This requirement is different for infrastructure projects:
Certified personnel for primary permittees shall conduct inspections at least once every seven (7) calendar days and within 24 hours of the end of the storm that is 0.5 inches rainfall or greater in accordance with Section IV.D.4.a.(3)(a) – (c) of the permit.

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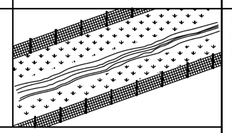
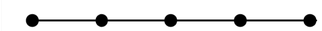
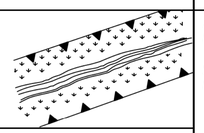
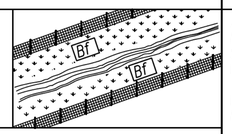
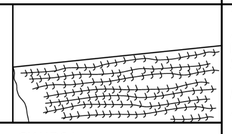
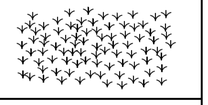
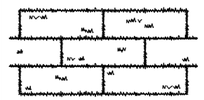
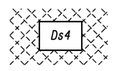
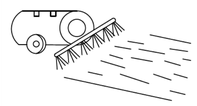
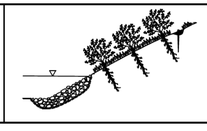
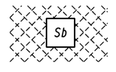
VERIFIED:		DATE:	

DRAWING No. 51-0006

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
	ORANGE BARRIER FENCE		ORANGE BARRIER FENCE DELINEATES ENVIRONMENTALLY SENSITIVE AREAS WHERE THE CONTRACTOR SHALL NOT CLEAR, GRUB, OR PLACE CONSTRUCTION MATERIALS OR EQUIPMENT WITHIN THIS AREA.
		LINE CODE  ORANGE BARRIER FENCE	
ESA	ENVIRONMENTALLY SENSITIVE AREA		AN ENVIRONMENTALLY SENSITIVE AREA (ESA) CONTAINS RESOURCES THAT ARE ENVIRONMENTALLY, CULTURALLY, OR HISTORICALLY SENSITIVE. ESAs INCLUDE, BUT ARE NOT LIMITED TO: STATE WATER BUFFERS, HISTORIC SITES, ARCHAEOLOGICAL SITES, AND PROTECTED ANIMAL AND PLANT SPECIES HABITATS. IF WORK IS AUTHORIZED IN THIS AREA, THE WORK MUST BE PERFORMED IN ACCORDANCE WITH SECTION 107 AND ANY OTHER APPLICABLE SPECIAL PROVISIONS AND APPLICABLE PLAN NOTES.
		LINE CODE ESA-25'(OR 50')STREAM BUFFER, ETC.	
Bf	BUFFER ZONE		A STRIP OF UNDISTURBED ORIGINAL VEGETATION, ENHANCED OR RESTORED EXISTING VEGETATION, OR THE RE-ESTABLISHMENT OF VEGETATION SURROUNDING AN AREA OF DISTURBANCE OR BORDERING STREAMS, PONDS, WETLANDS, LAKES, AND COASTAL WATERS. WHEN NECESSARY, BUFFER ZONES ARE TO BE PROTECTED BY ORANGE BARRIER FENCE.
		SYMBOL Bf	
Ds1	MULCH SECTION 163		THIS IS AN APPLICATION OF STRAW MULCH USED TO REDUCE SOIL EROSION AND STABILIZE THE SOIL. IT IS USED TO CONTROL EROSION IN AREAS WHERE PERMANENT VEGETATION IS OUT OF SEASON OR TO TEMPORARILY STABILIZE AREAS PRIOR TO FINAL GRADING. MULCHING REQUIREMENTS ARE ADDRESSED BY STANDARD SPECIFICATIONS AND/OR THE PROJECT ENGINEER. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
		SYMBOL Ds1	
Ds2	TEMPORARY GRASSING SECTION 163,700		THE SOWING OF A QUICK GROWING SPECIES OF GRASS SUITABLE TO THE AREA AND SEASON. IT IS TYPICALLY USED TO CONTROL EROSION IN AREAS LONGER THAN MULCHING IS EXPECTED TO LAST. TEMPORARY GRASSING SHOULD BE USED ON ALL PROJECTS ACCORDING TO THE STANDARD SPECIFICATIONS. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
		SYMBOL Ds2	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ds3	PERMANENT GRASSING SECTION 700		THE SOWING OF PERMANENT VEGETATION, SUCH AS GRASS, SUITABLE TO THE AREA AND SEASON. PERMANENT VEGETATION SHALL BE USED ON ALL PROJECTS ACCORDING TO THE STANDARD SPECIFICATION. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
		SYMBOL Ds3	
Ds4	SODDING CONSTRUCTION DETAIL D-54 SECTION 700, 890		THE INSTALLATION OF A SPECIES OF GRASS SODDING SUITABLE TO THE AREA AND SEASON TO PROVIDE IMMEDIATE PERMANENT VEGETATION. SODDING MAY BE SHOWN FOR HIGHLY SENSITIVE AREAS, TO IMPROVE AESTHETICS, OR FOR SPECIAL PLANTING REQUIREMENTS ON THE BASIS OF ENVIRONMENTAL COMMITMENTS OR LANDSCAPING REQUIREMENTS. THE BMP PATTERN FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
		PATTERN 	
Fl-Co	FLOCCULANTS COAGULANTS SECTION 163,700, 895		FLOCCULANTS AND COAGULANTS ARE USED TO SETTLE SUSPENDED SEDIMENT, HEAVY METALS, AND HYDROCARBONS (TSS) IN SLOW MOVING RUNOFF FROM CONSTRUCTION SITES FOR WATER CLARIFICATION. ANIONIC POLYACRYLAMIDES (PAM) MAY BE USED IN CONJUNCTION WITH BMPs WITHIN CHANNELS UPSTREAM OF A POST-CONSTRUCTION POND, TEMPORARY SEDIMENT BASIN, OR TEMPORARY SEDIMENT TRAP. FLOCCULANTS SHALL NOT BE USED DOWNSTREAM OF AFOREMENTIONED BMPs! FLOCCULANTS/COAGULANTS ARE TO BE SHOWN ON PLANS WITH APPLICABLE BMP IF NEEDED. PAYMENT FOR PAM AS A FLOCCULANT WILL BE INCLUDED IN THE PRICE FOR THE INSTALLATION AND/OR MAINTENANCE OF THE BMP IT IS USED IN CONJUNCTION WITH. NO SEPARATE PAYMENT WILL BE MADE.
		SYMBOL Fl-Co POLYACRYLAMIDE	
Sb	STREAMBANK STABILIZATION SECTION 702		STREAMBANK STABILIZATION IS THE USE OF READILY AVAILABLE NATIVE PLANT MATERIALS TO MAINTAIN AND ENHANCE STREAMBANKS, OR TO PREVENT, OR RESTORE AND REPAIR SMALL STREAMBANK EROSION PROBLEMS. STREAMBANK STABILIZATION AREAS SHOULD BE SHOWN ON THE PLANS WHEN APPLICABLE TO THE PROJECT. REFER TO THE PROJECT'S STREAM AND STREAM BUFFER MITIGATION PLANS FOR PLANT SPECIES, LOCATIONS, AND OTHER PLANTING DETAILS.
		PATTERN 	

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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REVISION DATES
03/02/17

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

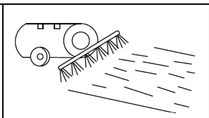
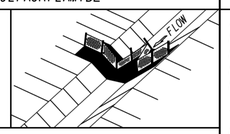
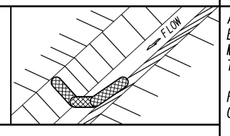
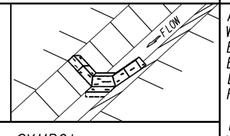
EROSION CONTROL LEGEND

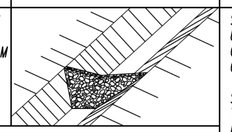
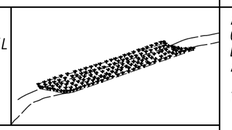
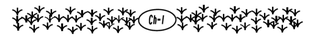
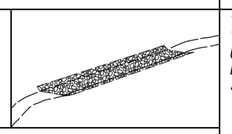
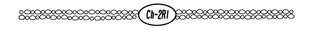
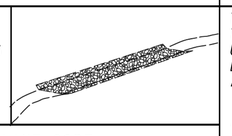
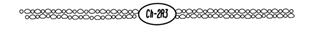
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 52-0001

7/31/2015 GPLN

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ss	SLOPE STABILIZATION CONSTRUCTION DETAIL D-35 SECTION 716	 PATTERN 	SLOPE STABILIZATION (EROSION CONTROL MATTING) IS A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION ON STEEP SLOPES, SHORE LINES, OR CHANNELS. SLOPE STABILIZATION MAY BE A ROLLED EROSION CONTROL PRODUCT (RECP) OR A HYDRAULIC EROSION CONTROL PRODUCT (HECP). SLOPE STABILIZATION SHALL BE USED ON ALL CUT OR FILL SLOPES OF 2.5:1 OR STEEPER AND WITHIN 50 FEET OF ALL CROSS DRAINS AND CULVERTS. NOTE: ONLY COCONUT FIBER BLANKET OR WOOD FIBER BLANKET SHALL BE USED AS SLOPE STABILIZATION WITHIN BUFFERED AREAS.
Tac	TACKIFIERS SECTION 163, 700, 895	 SYMBOL Tac POLYACRYLAMIDE	TACKIFIERS HYDRATE IN WATER AND READILY BLEND WITH OTHER SLURRY MATERIALS AND ARE USED TO TIE-DOWN FOR SOIL, COMPOST, SEED, STRAW, HAY OR MULCH. TACKIFIERS REQUIREMENTS, SUCH AS ANIONIC POLYACRYLAMIDES (PAM) ARE ADDRESSED BY STANDARD SPECIFICATIONS AND ARE NOT TYPICALLY SHOWN ON THE PLANS. PAM IS TYPICALLY USED BY THE CONTRACTOR FOR TEMPORARY OR PERMANENT GRASSING. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR CRITERIA.
Cd-F	FABRIC CHECK DAM CONSTRUCTION DETAIL D-24D SECTION 171	 SYMBOL Cd-F	A CHECK DAM COMPOSED OF SYNTHETIC FIBER FABRIC, WIRE REINFORCED, POST, OVERFLOW WEIR, AND TURF REINFORCEMENT MATTING (TRM) SPLASHPAD PLACED IN DITCHES IN A SPECIAL CONFIGURATION WHICH CONTROLS ENERGY DISSIPATION AND FILTRATION OF STORM WATER. SEE CONSTRUCTION DETAIL D-24D FOR ADDITIONAL INFORMATION AND SPACING REQUIREMENTS. THIS ITEM IS SUITABLE FOR USE IN ROADSIDE DITCHES THAT ARE PART OF INFRASTRUCTURE CONSTRUCTION PROJECTS AND WITHIN THE CLEAR ZONE. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
Cd-Fs	COMPOST FILTER SOCK CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163	 SYMBOL Cd-Fs	A COMPOST FILTER SOCK CHECK DAM IS COMPOSED OF A PHOTODEGRADABLE OR BIODEGRADABLE KNITTED MESH MATERIAL CONTAINING A WEED FREE FILLER MATERIAL DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER. THEY SHALL BE PROPERLY STAKED FOR DITCH APPLICATIONS. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR MATERIAL SPECIFICATIONS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
Cd-Hb	BALED STRAW CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163	 SYMBOL Cd-Hb	A BALE STRAW CHECK DAM IS COMPOSED OF BALES PREFERABLY BOUND WITH WIRE OR NYLON INSTEAD OF TWINE. BALES SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ABUTTING ADJACENT BALES. THE DOWNSTREAM ROW OF BALES SHALL BE PLACED IN A TRENCH TO ALLOW THE TOP OF THE BALE'S LONG, WIDE SIDE TO BE LEVEL WITH THE GROUND AS A NON-ERODIBLE SPLASH PAD. PROPER STAKING IS ALSO REQUIRED FOR DITCH APPLICATIONS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Cd-S	STONE CHECK DAM OR SANDBAG CHECK DAM CONSTRUCTION DETAIL D-56 SECTION 163, 603	 SYMBOL Cd-S	STONE CHECK DAMS ARE CONSTRUCTED OF TYPE-3 RIP-RAP WITH GEOTEXTILE UNDERLINER. STONE CHECK DAMS ARE PREFERRED IN ROADWAY DITCHES OUTSIDE THE CLEAR ZONE. CONSIDERATION SHOULD BE GIVEN TO USING OTHER APPROPRIATE CHECK DAMS AND/OR BMPs WITHIN THE CLEAR ZONE. SANDBAG CHECK DAMS ARE RECOMMENDED IN CONCRETE LINED CHANNELS FOR TEMPORARY VELOCITY CONTROL ONLY. ENSURE DISCHARGE POINT IS PROPERLY STABILIZED AND INCLUDE APPROPRIATE BMPs FOR SEDIMENT STORAGE UPSTREAM AND/OR DOWNSTREAM OF CONCRETE LINED CHANNELS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
Ch-1	VEGETATED CHANNEL STABILIZATION SECTION 700	 LINE CODE 	A NEW OR EXISTING CHANNEL MAY BE LINED WITH PERMANENT VEGETATION ONLY FOR VELOCITIES UP TO 5.0 fps. THIS MEASURE SHALL BE DESIGNED IN ACCORDANCE WITH THE GDOT CHANNEL LINING DESIGN PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. TYPICALLY NOT SHOWN IN PLANS.
Ch-2R1	CHANNEL STABILIZATION RIP-RAP, TYPE 1 CONSTRUCTION DETAIL D-49 SECTION 603	 LINE CODE 	THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 1 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2R3	CHANNEL STABILIZATION RIP-RAP, TYPE 3 CONSTRUCTION DETAIL D-49 SECTION 603	 LINE CODE 	THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 3 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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REVISION DATES
03/02/17
11/28/18

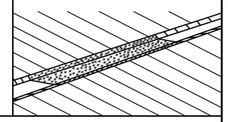
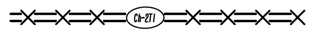
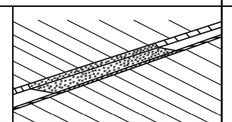
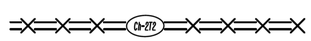
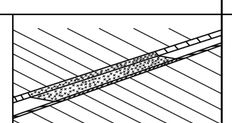
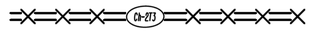
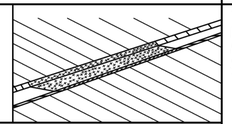
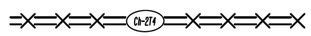
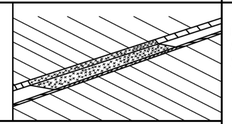
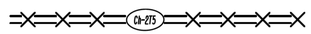
COBB COUNTY - DEPARTMENT OF TRANSPORTATION

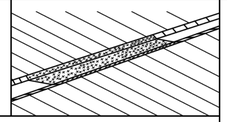
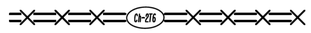
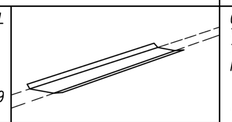
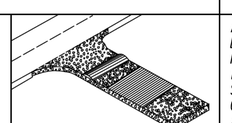
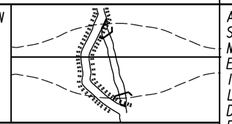
EROSION CONTROL LEGEND

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		52-0002
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T1	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-2 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T2	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-4 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T3	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-6 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T4	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-8 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T5	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-10 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T6	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711	 LINE CODE 	THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-12 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-3	CONCRETE CHANNEL STABILIZATION CONSTRUCTION DETAIL D-10, D-49 SECTION 441	 LINE CODE	CHANNELS ARE LINED WITH CONCRETE FOR VELOCITIES >/= 10 fps. THIS ITEM CONSISTS OF CONSTRUCTING A 4" THICK CONCRETE CHANNEL. THE CONCRETE SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN. RIP-RAP SHOULD BE USED TO DISSIPATE ENERGY DOWNSTREAM OF CONCRETE LINED CHANNELS.
Co	CONSTRUCTION EXIT CONSTRUCTION DETAIL D-41 SECTION 163, 800	 SYMBOL	A CONSTRUCTION EXIT IS A STONE STABILIZED PAD THAT REDUCES OR ELIMINATES THE TRANSPORT OF MUD FROM CONSTRUCTION AREAS ONTO PUBLIC ROADS BY EQUIPMENT OR RUNOFF. BEST USED AT ACCESS POINTS, I.e. NEW LOCATION PROJECTS, BORROW PITS, WASTE PITS, ACCESS ROADS, ETC. SHOULD BE MINIMUM 20' WIDE, 50' LONG, 6" THICK, AND REQUIRES A GEOTEXTILE UNDERLINER. ON SITES WHERE THE GRADE TOWARD A PAVED AREA IS GREATER THAN 2%, A FULL WIDTH DIVERSION RIDGE 6" TO 8" HIGH WITH 3:1 SLOPES SHALL BE CONSTRUCTED APPROXIMATELY 15' UPSTREAM OF PAVED AREA. A TIRE WASHING AREA TO REMOVE MUD MAY ALSO BE REQUIRED PRIOR TO ENTRANCE ONTO PUBLIC ROADWAYS. ALL CONSTRUCTION EXIT REQUIREMENTS ARE INCLUDED IN THE PRICE OF THE CONSTRUCTION EXIT.
Dc-A	STREAM DIVERSION CHANNEL GEOTEXTILE, POLYETHYLENE FILM SECTION 163	 LINE CODE	A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE OR POLYETHYLENE FILM. INSTALL TWO ROWS OF Sdl-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 0 - 2.5 fps. THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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REVISION DATES
03/02/17

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

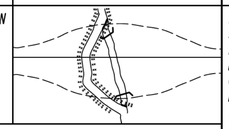
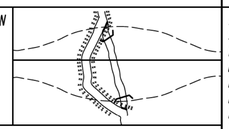
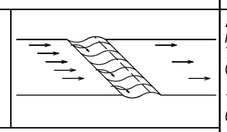
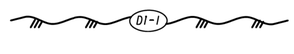
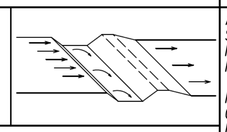
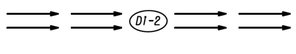
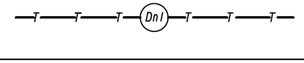
EROSION CONTROL LEGEND

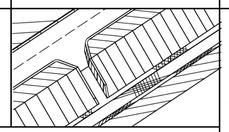
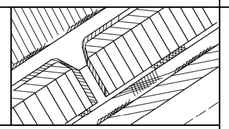
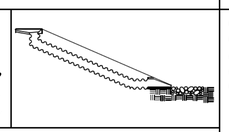
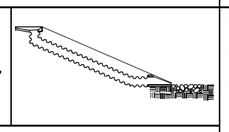
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 52-0003

7/31/2015 GPLN

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dc-B	STREAM DIVERSION CHANNEL GEOTEXTILE ONLY SECTION 163	 LINE CODE 	A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE ONLY. INSTALL TWO ROWS OF SdI-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 2.5 - 9.0 fps. THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
Dc-C	STREAM DIVERSION CHANNEL RIP-RAP & GEOTEXTILE SECTION 163	 LINE CODE 	A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH RIP-RAP AND GEOTEXTILE. INSTALL TWO ROWS OF SdI-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 9.0 - 13.0 fps. THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
DI-1	DIVERSION BERM CONSTRUCTION DETAIL D-47 SECTION 205	 LINE CODE 	A NON-DESIGNED TEMPORARY EARTHEN BERM WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO BE USED AT THE EDGE OF EMBANKMENT DURING THE GRADING OPERATION. THE BERMS ARE ALSO CONSTRUCTED ABOVE, ACROSS OR BELOW A SLOPE TO REDUCE THE LENGTH OF A SLOPE. THEY ARE USED TO INTERCEPT RUNOFF, PREVENTING SLOPE EROSION AND TO DIRECT THE RUNOFF TO A STABLE OUTLET, DOWN DRAINS "DnI"OR CATCHMENT AREAS AND ON ALL GRADING PROJECTS.
DI-2	DIVERSION CHANNEL SECTION 205	 LINE CODE 	A DESIGNED TEMPORARY OR PERMANENT CHANNEL WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO DIVERT OFFSITE RUNOFF AWAY FROM DISTURBED AREAS WITHIN THE PROJECT AREA. CHANNEL FOR OFFSITE RUNOFF SHALL BE STABILIZED WITH APPROPRIATE CHANNEL STABILIZATION. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA. A DIVERSION CHANNEL DETAIL MUST ALSO BE PROVIDED IN THE ESPCP. RUNOFF FROM DISTURBED AREAS WITHIN THE PROJECT AREA SHALL NOT BE ALLOWED TO CONVERGE WITH OFFSITE RUNOFF WITHIN THIS DIVERSION.
DnI	TEMPORARY DOWNDRAIN STRUCTURE FLEXIBLE CONSTRUCTION DETAIL D-19 SECTION 163	 LINE CODE 	A TEMPORARY PIPE SLOPE DRAIN IS A PLASTIC FLEXIBLE PIPE TO CARRY WATER FROM THE WORK AREA TO A LOWER ELEVATION. TEMPORARY SLOPE DRAINS SHOULD BE PLACED AT INTERVALS OF 350 FEET ON 0% - 2% GRADES, 200 FEET ON STEEPER GRADES AND MORE FREQUENTLY AS DICTATED BY FIELD CONDITIONS. THE TYPICAL PIPE SIZE IS A CORRUGATED 10". THE PIPE WILL BE ANCHORED WITH STAKES AT INTERVALS NOT TO EXCEED 10'. THE OUTLET AREA SHALL BE STABILIZED FOR VELOCITY DISSIPATION AND EROSION CONTROL.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dn2-A	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441	 LINE CODE 	A CONCRETE FLUME TYPE "A" IS USED TO DIRECT SURFACE RUNOFF DOWN A ROADWAY SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN ALL DEPRESSED AREAS WHERE WATER WILL FLOW DOWN THE SLOPE. IT IS DESIGNED FOR A 25-YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OTHER CRITERIA).
Dn2-B	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441	 LINE CODE 	A CONCRETE FLUME TYPE "B" IS USED TO DIRECT SURFACE DITCH RUNOFF DOWN A BACK SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN DEPRESSED AREAS WHERE CONCENTRATED OFFSITE WATER REACHES THE CUT SLOPE. IT IS DESIGNED TO SAFELY CONVEY WATER DOWN THE CUT SLOPE. IT IS DESIGNED FOR A 25-YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
Dn2-1	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP1, 9017J TP1, DETAIL D-26 TP1 SECTION 576, 577	 LINE CODE 	CONCRETE DRAIN INLET WITH METAL PIPE IS USED TO DRAIN CURBS, ON A GRADE, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
Dn2-2	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP2, 9017J TP2, DETAIL D-26 TP2 SECTION 576, 577	 LINE CODE 	CONCRETE DRAIN INLET AND METAL PIPE IS USED TO DRAIN CURB, IN A SAG, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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REVISION DATES
03/02/17

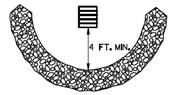
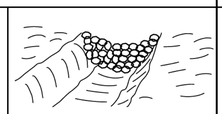
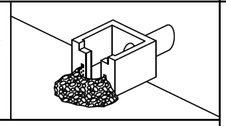
COBB COUNTY - DEPARTMENT OF TRANSPORTATION

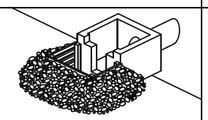
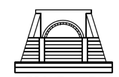
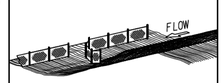
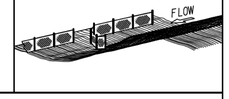
EROSION CONTROL LEGEND

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		52-0004
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Fr	FILTER RING CONSTRUCTION DETAIL D-46 SECTION 163	 SYMBOL: Fr	A TEMPORARY STONE BARRIER CONSTRUCTED AT DRAINAGE STRUCTURE INLETS AND POST-CONSTRUCTION POND OUTLETS. IT REDUCES RUNOFF VELOCITY AND HELPS PREVENT SEDIMENT FROM LEAVING SITE PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR ADDITIONAL INFORMATION ON USAGE.
Rd	ROCK FILTER DAM CONSTRUCTION DETAIL D-43 SECTION 163, 603	 SYMBOL: Rd	ROCK FILTER DAMS ARE CONSTRUCTED OF TYPE 3 STONE RIP-RAP FACED WITH #57 STONE ON THE UPSTREAM SIDE. THEY ARE PLACED ACROSS DRAINAGEWAYS WHICH DRAIN 50 ACRES OR LESS. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING ROCK FILTER DAMS. THE DAM SHOULD NOT BE HIGHER THAN THE CHANNEL BANKS. ROCK FILTER DAMS SHOULD BE USED IN DITCHES PRIOR TO DISCHARGING INTO STREAMS, WETLANDS, OPEN-WATERS, OR OTHER ESAs.
Rd-B	STONE FILTER BERM CONSTRUCTION DETAIL D-50 SECTION 163, 603	 LINE CODE: Rd-B	STONE FILTER BERMS ARE CONSTRUCTED SIMILAR TO ROCK FILTER DAMS FOR A LINEAR APPLICATION. THEY ARE CONSTRUCTED OF TYPE-3 STONE RIP-RAP FACED WITH #57 STONE ON THE UPSTREAM SIDE. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING STONE FILTER BERMS. STONE FILTER BERMS ARE IDEAL ALONG THE PERIMETER FOR SHEET FLOW AND/OR SHALLOW CONCENTRATED FLOW TO A COMMON LOW AREA WHERE PERIMETER SILT FENCE ALONE MAY BE INSUFFICIENT, THERE IS NO WELL-DEFINED CHANNEL FOR A STANDARD ROCK FILTER DAM, AND/OR CONSTRUCTING A ROCK OUTLET TEMPORARY SEDIMENT TRAP IS NOT APPLICABLE.
Rp	RIP-RAP SECTION 603	 PATTERN: Rp	RIP-RAP IS A FLEXIBLE PERMANENT BLANKET FOR PROTECTION OF FILL SLOPES AND BRIDGE END ROLLS. RIP-RAP TYPE-1 SHOULD BE PLACED ON TOP OF A GEOTEXTILE UNDERLINER AT A MINIMUM 24" THICKNESS OR AS INDICATED ON THE PLANS. RIP-RAP MAY ALSO BE USED AT DRAINAGE STRUCTURE OUTLETS WITHIN THE RIGHT-OF-WAY. HOWEVER, APPROPRIATE OUTLET PROTECTION SHOULD BE PROVIDED AT OUTFALLS. REFER TO STORM DRAIN OUTLET PROTECTION FOR ADDITIONAL INFORMATION ON USING RIP-RAP AT OUTFALLS.
Rt-P	RETROFITTING PERFORATED HALF-ROUND PIPE CONSTRUCTION DETAIL D-44 SECTION 163	 SYMBOL: Rt-P	A PERFORATED HALF-ROUND PIPE WITH STONE FILTER PLACED IN FRONT OF A PERMANENT STORMWATER DETENTION POND OUTLET STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT FILTER. SHOULD BE USED ONLY IN DETENTION PONDS WITH LESS THAN 30 ACRES TOTAL DRAINAGE AREA. SHALL ONLY BE USED IN DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Rt-B	RETROFITTING SLOTTED BOARD DAM CONSTRUCTION DETAIL D-45 SECTION 163	 SYMBOL: Rt-B	A SLOTTED BOARD DAM CONSISTS OF STONE AND/OR FILTER FABRIC AND BOARDS WITH 0.5" - 1.0" SPACING TO SERVE AS A TEMPORARY SEDIMENT FILTER. PERMANENT STORMWATER DETENTION POND OUTLET: -DRAINAGE AREA UP TO 100 ACRES -DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA ROADWAY DRAINAGE STRUCTURE: -OPEN END PIPES, WINGED HEADWALLS, OR CONCRETE WEIR OUTLETS WITH DRAINAGE AREA LESS THAN 30 ACRES REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.
Rt-Sg1 Rt-Sg2 Rt-Sg3	RETROFITTING SILT CONTROL GATES CONSTRUCTION DETAIL D-20 SECTION 163	 SYMBOL: Rt-Sg1 Rt-Sg2 Rt-Sg3	A SILT CONTROL GATE CONSISTS OF BOARDS WITHOUT SPACING AND FILTER FABRIC TO BE USED FOR TEMPORARY SEDIMENT STORAGE ON ROADWAY PROJECTS AT THE INLET OF STRUCTURES WITH A DRAINAGE AREA UP TO 50 ACRES. THE DISTURBED AREA WITHIN THE DRAINAGE AREA SHALL NOT EXCEED 5 ACRES. SILT CONTROL GATES SHOULD NOT BE USED ALONE, BUT WITH ANOTHER BMP DOWNSTREAM PRIOR TO DISCHARGE LEAVING PROJECT AREA. DO NOT USE SILT GATES IN STATE WATERS. Rt-Sg1=TYPE 1: USED ON BOX CULVERTS Rt-Sg2=TYPE 2: USED ON STRAIGHT HEADWALLS Rt-Sg3=TYPE 3: USED ON FLARED END SECTIONS AND TAPERED HEADWALLS
Sdl-NS	SEDIMENT BARRIER (NON-SENSITIVE) SILT FENCE TYPE A CONSTRUCTION DETAIL D-24 SECTION 171	 LINE CODE: A A A Sdl-NS A A A	SEDIMENT BARRIERS MINIMIZE AND PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE PROJECT AREA BY CAUSING DEPOSITION AND/OR FILTRATION OF SEDIMENT. SILT FENCE USED AS PERIMETER CONTROL SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW. TYPE-A SILT FENCE IS TYPICALLY USED IN NON-ENVIRONMENTALLY SENSITIVE AREAS (ESAs) OR IN AREAS WITH FILLS LESS THAN 10'. IT SHOULD BE PLACED A MINIMUM OF 10' FROM CONSTRUCTION LIMITS OR ALONG THE RIGHT-OF-WAY LINE.
Sdl-S	SEDIMENT BARRIER (SENSITIVE) SILT FENCE TYPE C CONSTRUCTION DETAIL D-24 SECTION 171	 LINE CODE: C C C Sdl-S C C C	SEDIMENT BARRIERS MINIMIZE AND PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE PROJECT AREA BY CAUSING DEPOSITION AND/OR FILTRATION OF SEDIMENT. SILT FENCE USED AS PERIMETER CONTROL SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW. TYPE-C SILT FENCE IS TYPICALLY USED IN ENVIRONMENTALLY SENSITIVE AREAS (ESAs) OR IN AREAS WITH FILLS 10' AND GREATER. ALL ENVIRONMENTALLY SENSITIVE AREAS (ESAs) SHALL BE PROTECTED WITH A DOUBLE-ROW OF TYPE-C SILT FENCE REGARDLESS OF FILL HEIGHT. A SINGLE-ROW MAY BE USED FOR OTHER APPLICATIONS. IT SHOULD BE PLACED A MINIMUM OF 10' FROM CONSTRUCTION LIMITS OR ALONG THE RIGHT-OF-WAY LINE.

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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REVISION DATES
03/02/17

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

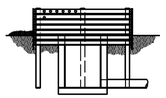
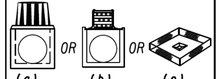
EROSION CONTROL LEGEND

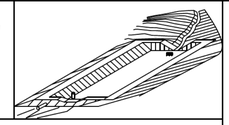
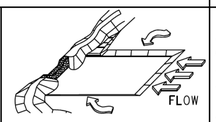
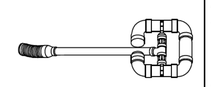
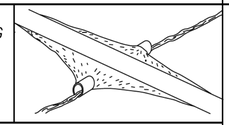
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 52-0005

7/31/2015 GPLN

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Sd1-BB	SEDIMENT BARRIER BRUSH BARRIER CONSTRUCTION DETAIL D-24B SECTION 201		THIS ITEM CONSISTS OF INTERMINGLED BRUSH, LOGS, ETC. SO AS NOT TO FORM A SOLID DAM. CONSTRUCTED AT THE TOE OF FILL SLOPES ONLY DURING THE CLEARING AND GRUBBING OPERATION. THE BARRIER SHOULD BE USED AT THE TOE OF FILL SLOPES ON GRADING PROJECTS IN RURAL AREAS WHERE SUFFICIENT RIGHT OF WAY OR EASEMENT IS AVAILABLE (10 FEET OR MORE). THE BARRIER SHOULD RUN ROUGHLY PERPENDICULAR TO THE FLOW OF WATER WHERE THIS DOES NOT CONFLICT WITH RIGHT-OF-WAY OR EASEMENT LIMITS. THEY WILL NOT BE PLACED IN WETLANDS. TYPICALLY NOT SHOWN ON PLANS. PAYMENT FOR THIS ITEM IS INCLUDED IN THE CLEARING AND GRUBBING COST. NO SEPARATE PAYMENT SHALL BE MADE.
	LINE CODE * * * (Sd1-BB) * * *		
Sd2-B	INLET SEDIMENT TRAP (BAFFLE BOX) CONSTRUCTION DETAIL D-42 SECTION 163		BAFFLE BOX INLET SEDIMENT TRAP USED FOR INLETS RECEIVING HIGH FLOW RATE AND/OR VELOCITY. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES 7 cfs AND GREATER.
	SYMBOL Sd2-B		
Sd2-Bg	INLET SEDIMENT TRAP (BLOCK & GRAVEL) CONSTRUCTION DETAIL D-42 SECTION 163		BLOCK AND GRAVEL DROP INLET PROTECTION USED FOR WHERE HEAVY FLOWS ARE EXPECTED AND WHERE OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. CAN BE USED AT CULVERT INLETS. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES THAT RANGE FROM 5 - 7 cfs.
	SYMBOL Sd2-Bg		
Sd2-F	INLET SEDIMENT TRAP (FILTER FABRIC) CONSTRUCTION DETAIL D-24C SECTION 163		(a) A SEDIMENT BARRIER CONSISTING OF A PREFABRICATED FRAME WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN. (b) A SEDIMENT BARRIER CONSISTING OF A PERFORATED METAL STAND PIPE WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN. (c) TYPE C SILT FENCE WITH SUPPORTING FRAME CAN BE USED AS AN ALTERNATE TO INLET SEDIMENT TRAP FOR AREAS WITH SLOPES < 5%. THIS ITEM IS USED TO PREVENT SILT FROM ENTERING THE PIPE SYSTEM. SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS. RECOMMENDED FOR INLET RECEIVING FLOW RATES THAT RANGE FROM 0 - 4 cfs.
	SYMBOL Sd2-F		
Sd2-G	INLET SEDIMENT TRAP (GRAVEL) CONSTRUCTION DETAIL D42 SECTION 163		GRAVEL DROP INLET PROTECTION USED WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED. STONE AND GRAVEL ARE USED TO TRAP SEDIMENT. THE SLOPE TOWARD THE INLET SHALL BE NO MORE THAN 3:1. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES THAT RANGE FROM 3 - 5 cfs.
	SYMBOL Sd2-G		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Sd3	TEMPORARY SEDIMENT BASIN CONSTRUCTION DETAIL D-22A, D-22B SECTION 163		A BASIN CREATED BY EXCAVATING AN AREA, DAMMING CONCENTRATED FLOW, OR A COMBINATION OF BOTH. THE BASIN IS DESIGNED TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DRAINAGE AREA. THE DRAINAGE AREA SHOULD NOT EXCEED 150 ACRES. BASINS TYPICALLY CONSISTS OF A DAM, PRINCIPAL SPILLWAY, AND AN EMERGENCY SPILLWAY. A FLOATING SURFACE SKIMMER SHALL BE REQUIRED AS PART OF THE PRINCIPAL SPILLWAY UNLESS INFEASIBLE. SUFFICIENT RIGHT-OF-WAY OR EASEMENT IS NEEDED FOR BASIN CONSTRUCTION AND MAINTENANCE ACCESS. SEDIMENT BASINS SHALL BE CONSIDERED ON ALL PROJECTS, BUT MAY NOT BE PRACTICAL. BASINS SHOULD BE LOCATED TO MINIMIZE INTERFERENCE WITH CONSTRUCTION ACTIVITIES AND UTILITIES. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.
	SYMBOL Sd3		
Sd4-C	ROCK OUTLET TEMPORARY SEDIMENT TRAP CONSTRUCTION DETAIL D-53 SECTION 163		TEMPORARY POND WITH ROCK OUTLET DESIGNED TO STORE 67 CUBIC YARDS OF SEDIMENT PER DRAINAGE AREA. DRAINAGE AREA SHALL NOT EXCEED 5 ACRES. DISTINGUISHED FROM TEMPORARY SEDIMENT BASIN BY LACK OF PRINCIPAL SPILLWAY. MAXIMUM POND DEPTH FROM BOTTOM OF POND TO EMERGENCY SPILLWAY IS 4 FEET. A TEMPORARY SEDIMENT BASIN SHALL BE EVALUATED PRIOR TO CONSIDERING A TEMPORARY SEDIMENT TRAP. A TEMPORARY SEDIMENT TRAP IS IDEAL FOR SMALL AREAS WITH NO UNUSUAL DRAINAGE FEATURES AND EFFECTIVE AGAINST COARSE SEDIMENT, BUT NOT AGAINST SILT OR CLAY PARTICLES THAT REMAIN SUSPENDED. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.
	SYMBOL Sd4-C		
Sk	FLOATING SURFACE SKIMMER CONSTRUCTION DETAIL D-22A, D-22B SECTION 163		A BUOYANT DEVICE THAT DRAINS WATER FROM THE SURFACE OF A TEMPORARY SEDIMENT BASIN AT A CONTROLLED FLOW RATE. THE INLET/ORIFICE SIZE IS DESIGNED TO DRAIN THE BASIN WITHIN 24 - 48 HOURS. THE SKIMMER INFORMATION SHALL BE PROVIDED IN CONJUNCTION WITH THE SEDIMENT BASIN INFORMATION IN PLANS. IF A SKIMMER IS INFEASIBLE, THE DESIGNER SHALL PROVIDE A WRITTEN JUSTIFICATION IN THE PLANS. SKIMMERS ARE ATTACHED TO A RISER WITHOUT PERFORATIONS AND ACTS AS THE PRIMARY SPILLWAY. THE SKIMMER BMP SYMBOL SHALL BE SHOWN IN CONJUNCTION WITH THE TEMPORARY SEDIMENT BASIN BMP SYMBOL WHEN APPLICABLE. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR ADDITIONAL INFORMATION.
	SYMBOL Sk		
Sr	TEMPORARY STREAM CROSSING SECTION 107		A TEMPORARY STRUCTURE INSTALLED ACROSS A FLOWING STREAM OR WATERCOURSE FOR USE BY CONSTRUCTION EQUIPMENT. THIS BMP PROVIDES A MEANS TO CROSS STREAMS OR WATERCOURSES WITHOUT MOVING SEDIMENT INTO STREAMS, DAMAGING THE STREAM BED OR CHANNEL, OR CAUSING FLOODING. THIS BMP SHOULD NOT BE USED ON STREAMS WITH DRAINAGE AREAS GREATER THAN ONE SQUARE MILE, UNLESS SPECIFICALLY DESIGNED TO ACCOMMODATE THE ADDITIONAL DRAINAGE AREA BY THE DESIGN PROFESSIONAL. A CERTIFICATION STATEMENT AND SIGNATURE SHALL ACCOMPANY THE DESIGN. THIS BMP SHALL BE DESIGNED ACCORDING TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA". FOR CONTRACTOR'S USE ONLY!
	SYMBOL Sr		

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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REVISION DATES
03/02/17
11/28/18

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

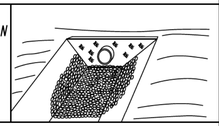
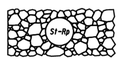
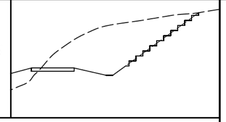
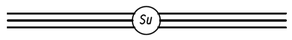
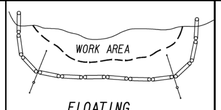
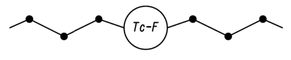
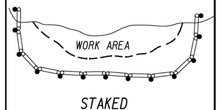
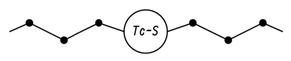
EROSION CONTROL LEGEND

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 52-0006

7/31/2015 GPLN

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
St	STORM DRAIN OUTLET PROTECTION GA. STD. 1125 & 2332		A PIPE OR BOX CULVERT OUTLET HEADWALL WITH AN APRON AND DISSIPATOR BLOCKS IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE SYSTEM. IT IS USED ON THE OUTLET OF ALL BOX CULVERTS AND ON 48" AND LARGER PIPES. MAY BE USED ON INLET FOR FLOWING STREAMS. USE ON SMALL PIPES WHEN OUTLET VELOCITY OF THE 25-YEAR STORM IS 12 fps AND GREATER.
	SYMBOL St		
St-Rp	STORM DRAIN OUTLET PROTECTION (RIP-RAP) CONSTRUCTION DETAIL D-55 SECTION 603		RIP-RAP OUTLET PROTECTION IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE, CHANNEL, OR STRUCTURE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE SYSTEM. THE MINIMUM DESIGN OF RIP-RAP OUTLET PROTECTION SHALL BE THE 25-YEAR STORM PEAK FLOW, BUT LARGER STORMS ARE RECOMMENDED. TYPE-1 RIP-RAP AT A DEPTH OF 36" AND PLACED ON FILTER FABRIC IS PREFERRED FOR ALL d50 <= 1.2 FEET. TYPE-3 RIP-RAP AT A DEPTH OF 18" AND PLACED ON FILTER FABRIC MAY BE USED FOR d50 <= 0.7 FEET. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR REQUIRED DESIGN DIMENSIONS AND OTHER INFORMATION TO BE INCLUDED IN THE PLANS.
	PATTERN FLAT AREA OR  WELL-DEFINED CHANNEL		
Su	SURFACE ROUGHENING SERRATED SLOPES CONSTRUCTION DETAIL S-7 SECTION 205		PROVIDING A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS, BY OPERATING A CLEATED DOZER ON THE SLOPE IN A VERTICAL DIRECTION. CREATING SERRATED SLOPES IN THE GRADING PROCESS TO CONSTRUCT BENCHES WILL REDUCE RUNOFF VELOCITY AND INCREASE INFILTRATION OF WATER. IN MOST CASES THIS BMP IS NOT REQUIRED TO BE SHOWN ON THE PLANS, BUT REQUIRED TO BE COMPLETED BY THE CONTRACTOR UNDER ALL PROJECTS. IF SERRATED SLOPES ARE SPECIFIED BY THE SOIL SURVEY, THEN THIS BMP SHALL BE SHOWN ON THE PLANS WHERE SERRATED SLOPES ARE TO BE USED.
	LINE CODE 		
Tc-F	TURBIDITY CURTAIN FLOATING CONSTRUCTION DETAIL D-51 SECTION 170		A FLOATING TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED WHERE CONSTRUCTION IS REQUIRED IN A LARGE BODY OF WATER SUCH AS LAKES AND RIVERS. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs. IT MAY ALSO BE REFERRED TO AS A FLOATING BOOM, SILT BARRIER, OR SILT CURTAIN.
	LINE CODE 		
Tc-S	TURBIDITY CURTAIN STAKED CONSTRUCTION DETAIL D-51 SECTION 170		A STAKED TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED IN SHALLOW INUNDATED AREAS. IT MAY BE USED TO PROTECT A SMALL STREAM BEING REALIGNED OR RESTORED. IN THIS CASE, CURTAIN SHOULD EXTEND TO BOTTOM OF STREAMBED. THE HEIGHT SHOULD BE LIMITED TO 5 FEET UNLESS DIRECTED AND EXTEND 2 FEET ABOVE NORMAL WATER ELEVATION. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs. IT MAY BE REFERRED TO AS A SILT BARRIER OR SILT CURTAIN.
	LINE CODE 		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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REVISION DATES
03/02/17

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL LEGEND

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

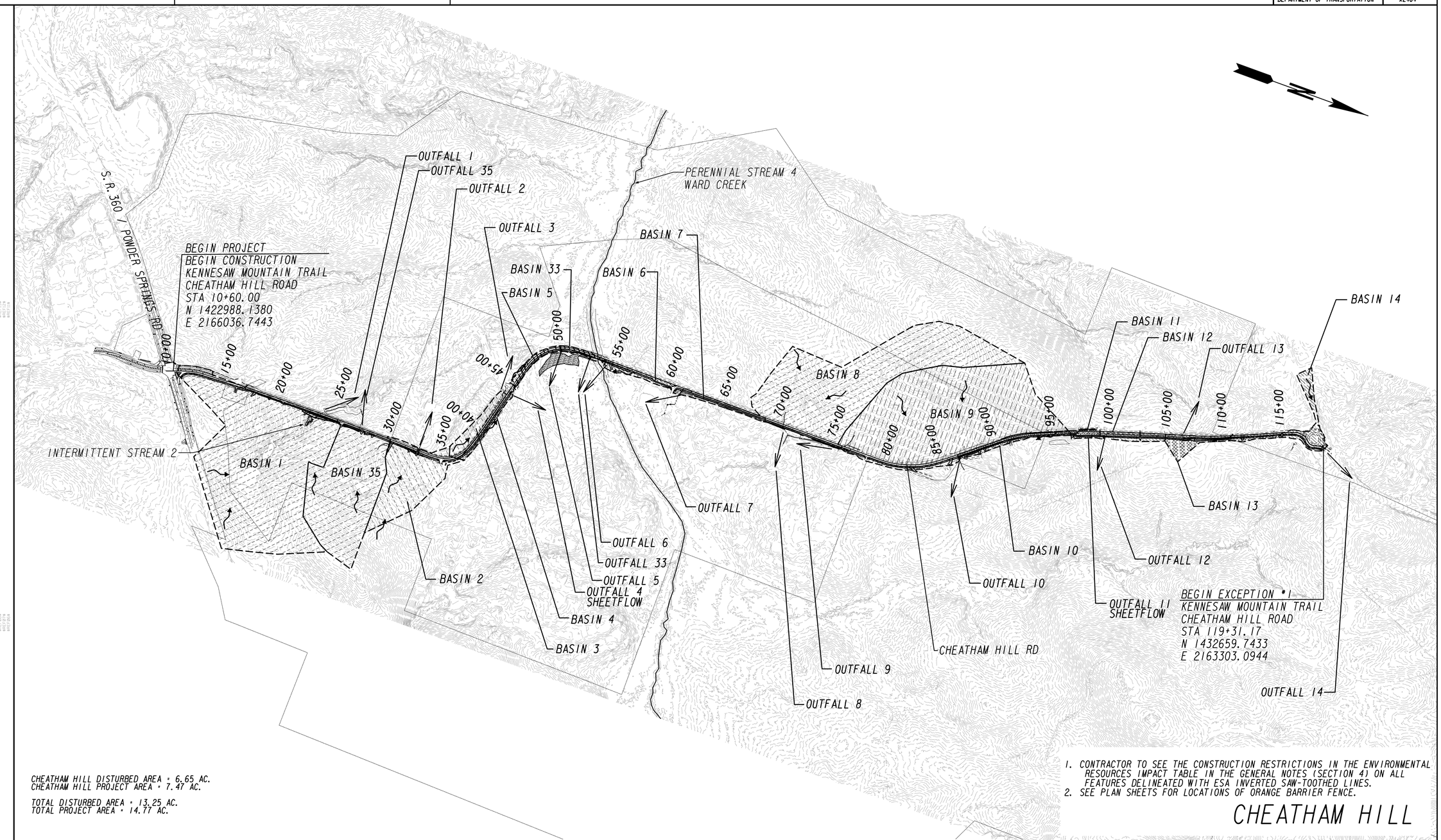
CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		52-0007
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

8/6/2020 4:29:58 PM $PRF8$ J:\2017030\0015279\DGN\0015279_53-0001_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



CHEATHAM HILL DISTURBED AREA = 6.65 AC.
CHEATHAM HILL PROJECT AREA = 7.47 AC.

TOTAL DISTURBED AREA = 13.25 AC.
TOTAL PROJECT AREA = 14.77 AC.

1. CONTRACTOR TO SEE THE CONSTRUCTION RESTRICTIONS IN THE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES (SECTION 4) ON ALL FEATURES DELINEATED WITH ESA INVERTED SAW-TOOTHED LINES.
2. SEE PLAN SHEETS FOR LOCATIONS OF ORANGE BARRIER FENCE.

CHEATHAM HILL

10/23/2015 GPLN

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SCALE IN FEET
0 400 800 1600

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 53-0001

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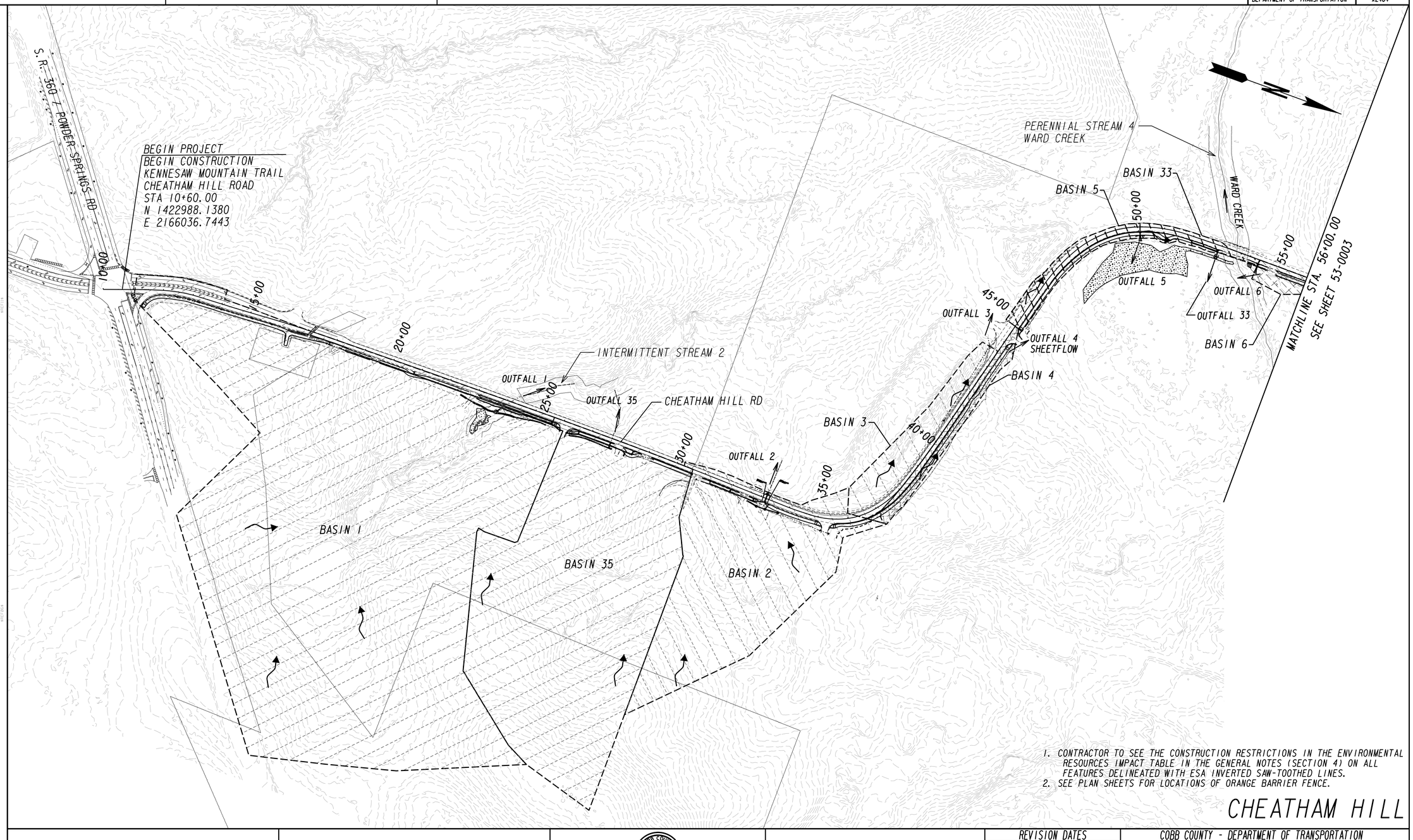
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



1. CONTRACTOR TO SEE THE CONSTRUCTION RESTRICTIONS IN THE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES (SECTION 4) ON ALL FEATURES DELINEATED WITH ESA INVERTED SAW-TOOTHED LINES.
2. SEE PLAN SHEETS FOR LOCATIONS OF ORANGE BARRIER FENCE.

CHEATHAM HILL

10/23/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 150 300 600

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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53-0002

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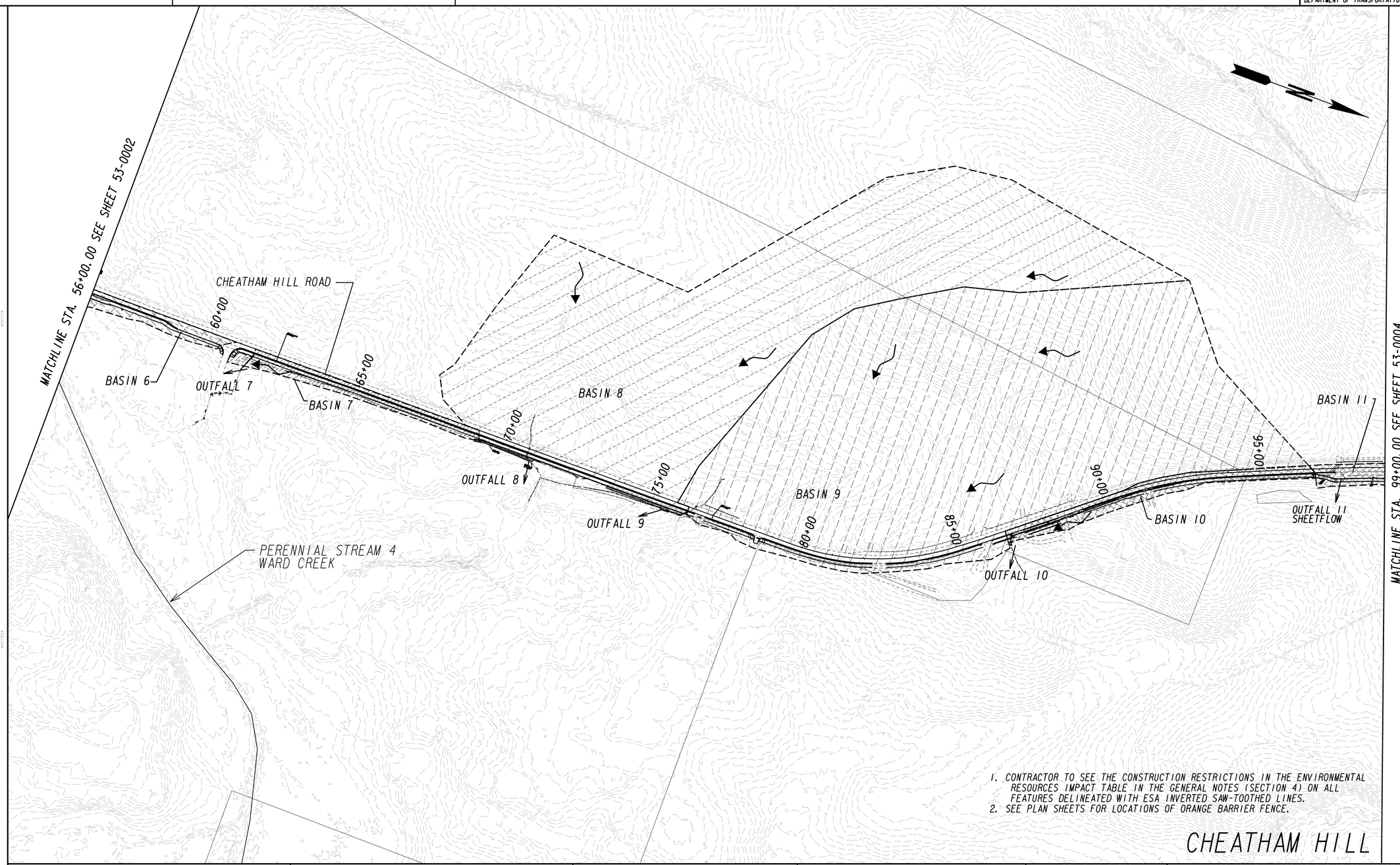
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



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SCALE IN FEET
0 150 300 600

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No.
53-0003

10/23/2015 GPLN

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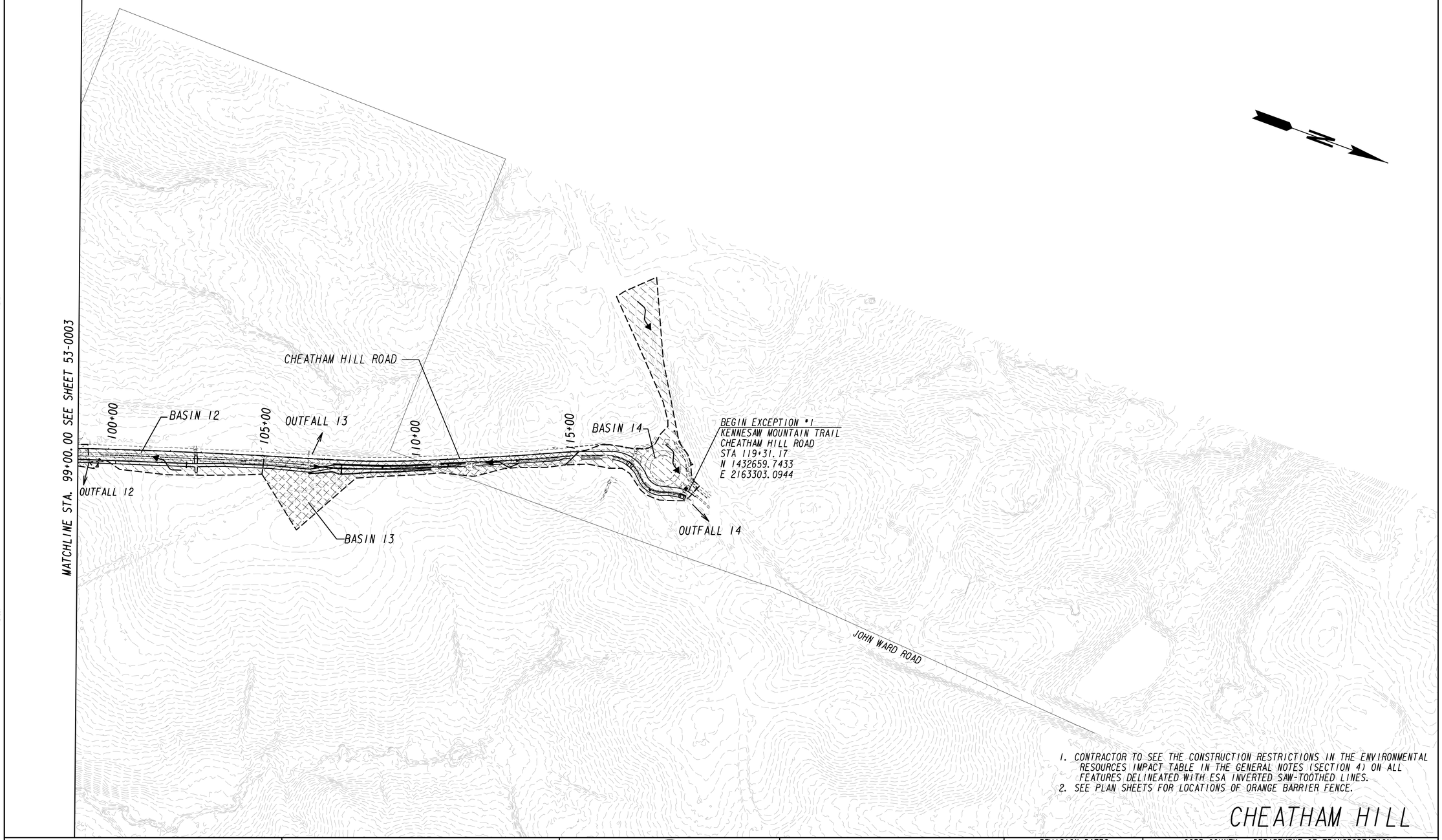

1. CONTRACTOR TO SEE THE CONSTRUCTION RESTRICTIONS IN THE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES (SECTION 4) ON ALL FEATURES DELINEATED WITH ESA INVERTED SAW-TOOTHED LINES.
2. SEE PLAN SHEETS FOR LOCATIONS OF ORANGE BARRIER FENCE.

CHEATHAM HILL

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(770)424-1668

SCALE IN FEET
0 150 300 600

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 53-0004

10/23/2015 GPLN

BASIN NO.	PIPE OUTLET LOCATION AND DESCRIPTION				DISTURBED AREA	CONTRIBUTING AREA (ac)	EXISTING RUNOFF COEFFICIENT			EXISTING RUNOFF (CFS)			PROPOSED RUNOFF COEFFICIENT			PROPOSED RUNOFF (CFS)			PRE HEADWATER ELEV.		PRE VELOCITY (FPS)		POST HEADWATER ELEV.		POST VELOCITY (FPS)	
	ROAD	STATION	OFFSET	STRUCTURE TYPE			C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}
1	CHEATHAM HILL RD	24+37.90	29.56' LT	EXISTING 24" RCP	1.12	31.34	0.27	0.30	0.31	23.62	29.32	35.21	0.28	0.31	0.32	24.62	30.56	36.70	999.27	1000.83	11.34	11.66	1001.60	1003.32	13.77	14.50
35	CHEATHAM HILL RD	27+68.91	31.02' LT	EXISTING 18" RCP	0.34	13.67	0.31	0.34	0.35	15.27	19.00	22.76	0.32	0.35	0.36	15.81	19.63	23.51	N/ A	N/ A	11.99	12.61	N/ A	N/ A	12.63	12.70
2	CHEATHAM HILL RD	33+16.70	29.81' LT	EXISTING 24" RCP	0.44	7.15	0.41	0.45	0.47	12.81	15.88	18.90	0.44	0.48	0.50	13.67	16.94	20.17	999.60	999.61	13.97	13.97	N/ A	N/ A	9.01	9.43
3	CHEATHAM HILL RD	43+84.37	55.04' LT	EXISTING 18" CMP	0.02	1.62	0.42	0.46	0.48	4.33	5.38	6.37	0.42	0.46	0.48	4.43	5.50	6.52	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
4	CHEATHAM HILL RD	42+74.13	-	SHEETFLOW	0.01	0.74	0.47	0.51	0.53	2.88	3.57	4.22	0.72	0.79	0.82	5.11	6.32	7.43	N/ A	N/ A	n/ A	N/ A	N/ A	N/ A	N/ A	N/ A
5	CHEATHAM HILL RD	50+18.87	37.67' RT	SPILLWAY	0.34	0.71	0.77	0.84	0.88	5.23	6.47	7.62	0.91	0.99	1.04	6.19	7.66	9.01	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
33	CHEATHAM HILL RD	52+92.41	39.40' RT	18" RCP	0.2	0.36	0.00	0.00	0.00	N/ A	N/ A	N/ A	0.92	1.00	1.05	3.19	3.94	4.63	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	6.27	6.53
6	CHEATHAM HILL RD	54+32.66	37.59' RT	18" RCP	0.45	0.80	0.46	0.50	0.52	3.51	4.34	5.10	0.65	0.71	0.74	4.96	6.14	7.22	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	7.10	7.39
7	CHEATHAM HILL RD	61+26.93	77.35' RT	EXISTING 30" CMP	0.5	0.78	0.41	0.45	0.47	2.89	3.57	4.20	0.65	0.71	0.74	4.82	5.96	7.01	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
8	CHEATHAM HILL RD	70+97.11	37.55' RT	EXISTING 24" RCP	0.19	22.82	0.21	0.22	0.23	16.59	20.61	24.61	0.21	0.23	0.24	16.81	20.88	24.94	978.92	979.64	9.48	7.83	978.97	979.71	9.36	7.94
9	CHEATHAM HILL RD	75+52.16	34.56' RT	36" RCP	0.86	27.19	0.38	0.41	0.43	32.63	40.52	48.62	0.39	0.42	0.44	33.59	41.68	49.97	992.98	993.54	10.24	10.74	992.05	992.64	17.28	17.91
10	CHEATHAM HILL RD	86+70.04	34.86' RT	24" RCP	0.43	1.07	0.60	0.66	0.68	6.14	7.59	8.94	0.78	0.85	0.88	7.93	9.80	11.54	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	6.52	6.81
11	CHEATHAM HILL RD	97+00 TO 99+00	-	SHEETFLOW	0.24	0.42	0.55	0.60	0.62	2.19	2.70	3.18	0.67	0.73	0.76	2.69	3.32	3.91	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
12	CHEATHAM HILL RD	99+58.40	40.55' RT	15" HDPE	0.51	0.85	0.44	0.48	0.50	3.56	4.40	5.18	0.55	0.60	0.62	4.44	5.50	6.47	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
13	CHEATHAM HILL RD	106+48.20	25.64' LT	EXISTING 18" RCP	0.76	1.77	0.40	0.44	0.46	6.77	8.37	9.84	0.49	0.54	0.56	8.34	10.31	12.13	1096.77	1097.10	10.97	11.45	1097.21	1097.73	11.60	11.97
14	CHEATHAM HILL RD	119+58.08	17.87' RT	EXISTING 18" RCP	0.24	1.82	0.76	0.83	0.87	8.05	9.99	11.85	0.85	0.93	0.95	9.01	11.19	13.04	N/ A	N/ A	7.04	7.31	N/ A	N/ A	7.25	7.51

CHEATHAM HILL

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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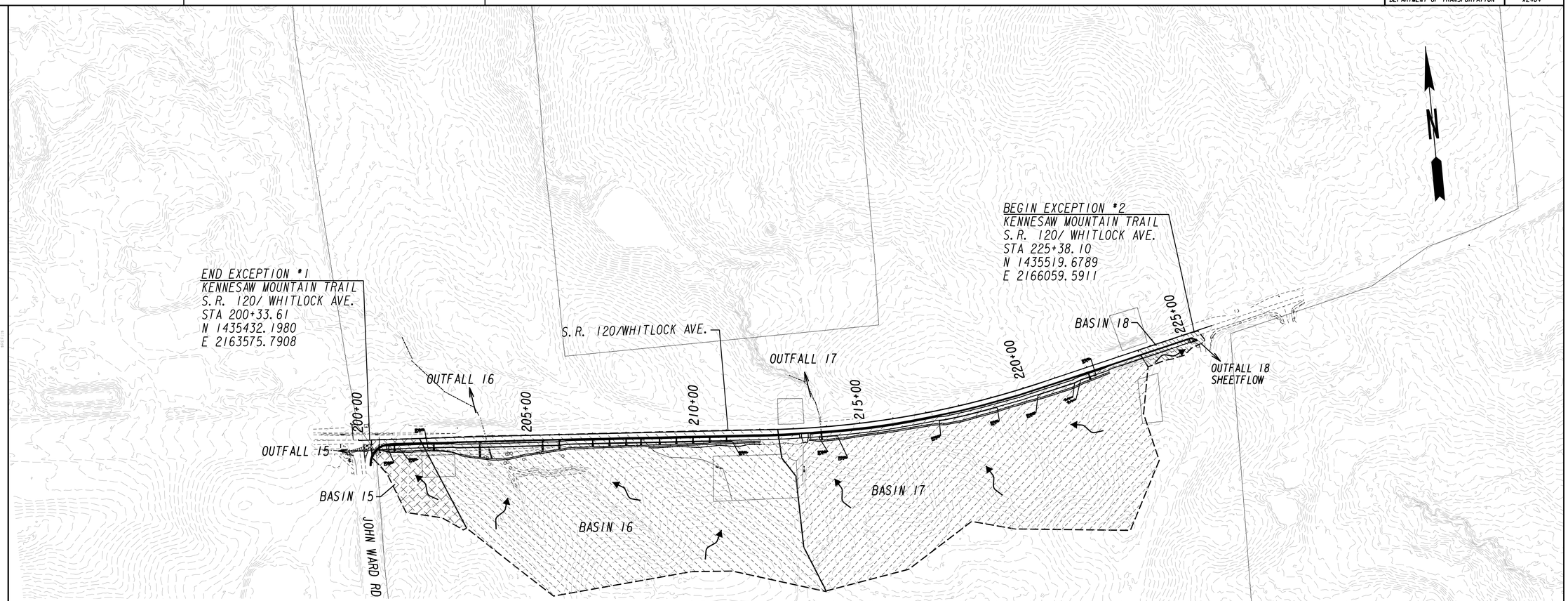
DRAWING No. 53-0005

10/23/2015 GPLN



SR 120 DISTURBED AREA = 2.29 AC
SR 120 PROJECT AREA = 2.29 AC.

TOTAL DISTURBED AREA = 13.25 AC
TOTAL PROJECT AREA = 14.77 AC

1. CONTRACTOR TO SEE THE CONSTRUCTION RESTRICTIONS IN THE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES (SECTION 4) ON ALL FEATURES DELINEATED WITH ESA INVERTED SAW-TOOTHED LINES.
2. SEE PLAN SHEETS FOR LOCATIONS OF ORANGE BARRIER FENCE.

SR120

BASIN NO.	PIPE OUTLET LOCATION AND DESCRIPTION				DISTURBED AREA	CONTRIBUTING AREA (ac)	EXISTING RUNOFF COEFFICIENT			EXISTING RUNOFF (CFS)			PROPOSED RUNOFF COEFFICIENT			PROPOSED RUNOFF (CFS)			PRE HEADWATER ELEV.		PRE VELOCITY (FPS)		POST HEADWATER ELEV.		POST VELOCITY (FPS)	
	ROAD	STATION	OFFSET	STRUCTURE TYPE			C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}
15	WHITLOCK AVENUE	200+50.00	30.00' RT	EXISTING 18" RCP	0.12	0.86	0.24	0.26	0.27	1.13	1.40	1.63	0.27	0.29	0.30	1.23	1.52	1.78	1078.79	1078.84	6.77	7.34	1078.82	1078.87	7.17	7.25
16	WHITLOCK AVENUE	203+65.97	56.97' LT	EXISTING 18" RCP	1.08	10.16	0.23	0.26	0.27	10.05	12.50	14.62	0.27	0.30	0.31	11.58	14.38	16.88	1077.50	1078.24	8.41	8.54	1079.66	1080.67	9.64	9.85
17	WHITLOCK AVENUE	213+81.92	27.38' LT	EXISTING 24" RCP	0.97	10.38	0.24	0.26	0.27	9.13	11.38	13.36	0.26	0.28	0.30	9.92	12.36	14.51	1090.50	1090.71	12.12	12.41	1091.96	1092.20	13.53	14.01
18	WHITLOCK AVENUE	225+23.00	-	SHEETFLOW	0.12	0.23	0.55	0.60	0.62	1.20	1.48	1.75	0.70	0.77	0.80	1.54	1.91	2.24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

10/23/2015 GPLN

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INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 150 300 600

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 53-0006

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COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

END EXCEPTION #2
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 300+12.23
N 1437962.9784
E 2171763.0912

OUTFALL 19

S.R. 120 / WHITLOCK AVE.

OUTFALL 20

OUTFALL 21

OUTFALL 22

BASIN 22

BASIN 32A

BASIN 19

BASIN 34

BASIN 20

BASIN 21

OUTFALL 32A

PERENNIAL STREAM 5
NOSES CREEK

BASIN 32

BURNT HICKORY RD.

BASIN 25

OUTFALL 25

OUTFALL 32

OUTFALL 34

NOSES CREEK

OUTFALL 28

OUTFALL 27

OUTFALL 26

INTERMITTENT STREAM 8

BASIN 26

BASIN 27

OUTFALL 29
SHEETFLOW

BASIN 29

OUTFALL 30

END PROJECT
END CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 365+64.37
N 1442018.5920
E 2167116.6728

OUTFALL 31
SHEETFLOW

BASIN 31

BASIN 30

BASIN 28

BURNT HICKORY DISTURBED AREA = 4.31 AC.
BURNT HICKORY PROJECT AREA = 5.01 AC.

TOTAL DISTURBED AREA = 13.25 AC
TOTAL PROJECT AREA = 14.77 AC

1. CONTRACTOR TO SEE THE CONSTRUCTION RESTRICTIONS IN THE ENVIRONMENTAL RESOURCES IMPACT TABLE IN THE GENERAL NOTES (SECTION 4) ON ALL FEATURES DELINEATED WITH ESA INVERTED SAW-TOOTHED LINES.
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BURNT HICKORY

10/23/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 250 500 1000

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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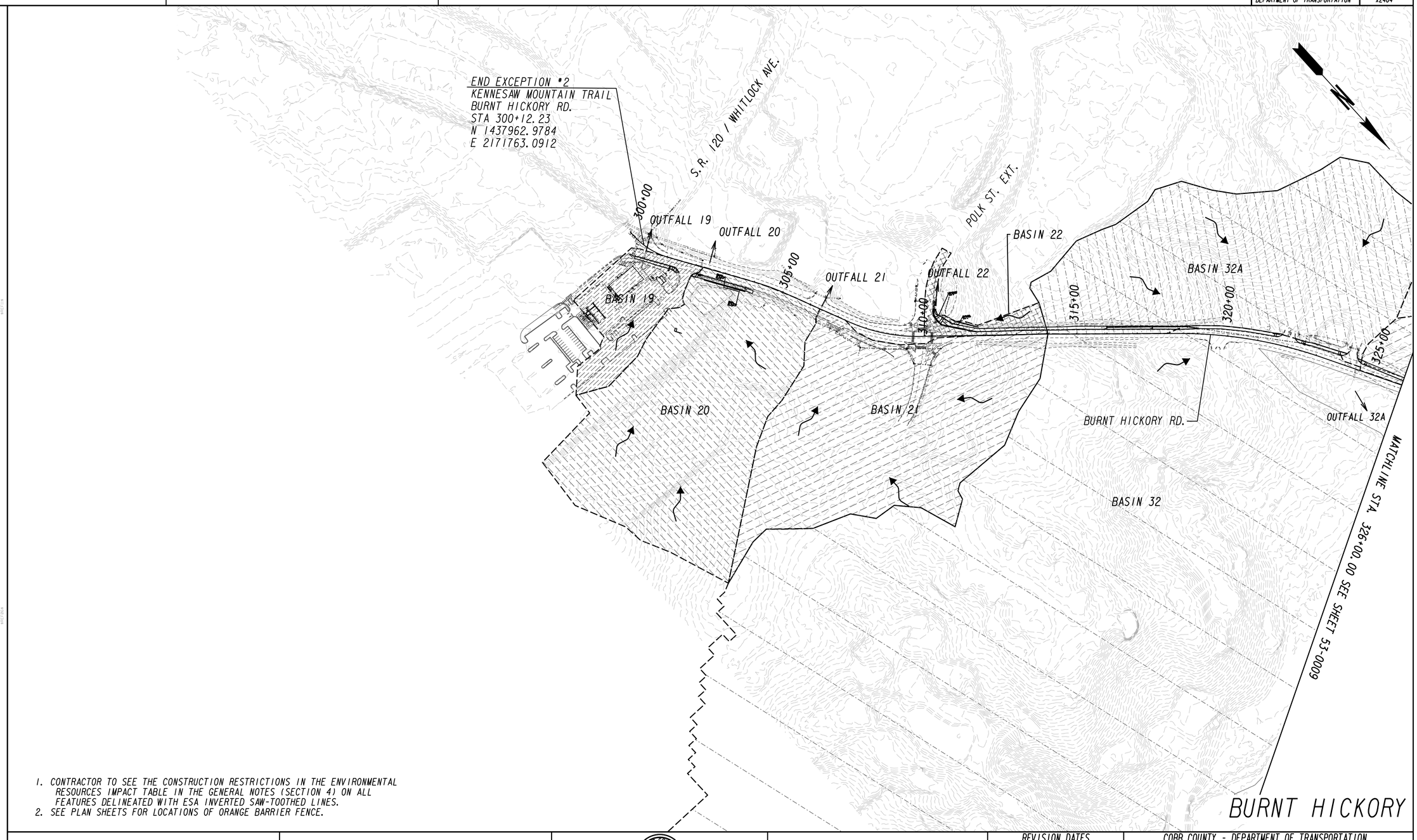
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



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SCALE IN FEET
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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
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DRAWING No.
53-0008

10/23/2015 GPLN

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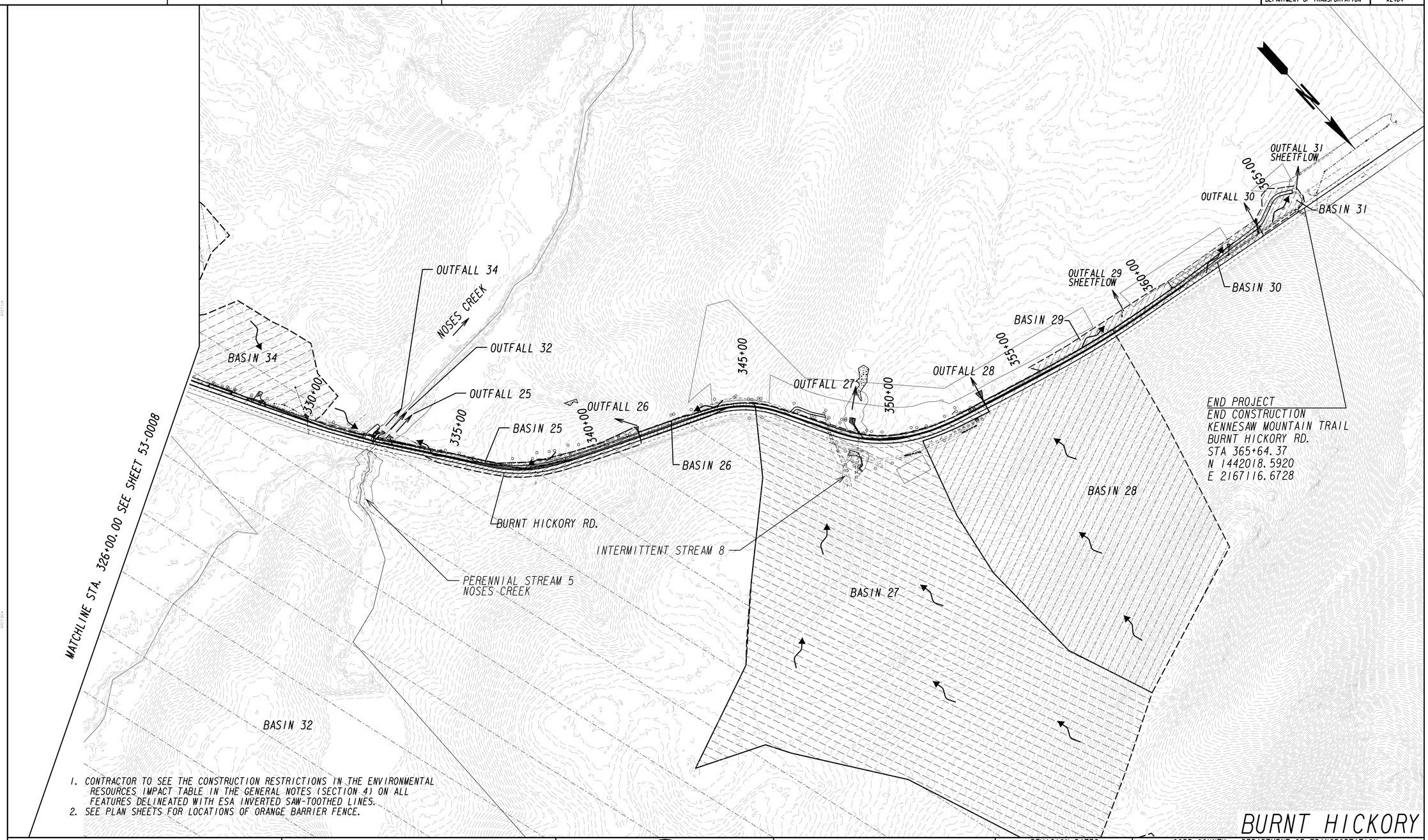
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



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BURNT HICKORY

10/23/2015 GPLN

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REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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VERIFIED:		DATE:	

DRAWING No.
53-0009

BASIN NO.	PIPE OUTLET LOCATION AND DESCRIPTION				DISTURBED AREA	CONTRIBUTING AREA (ac)	EXISTING RUNOFF COEFFICIENT			EXISTING RUNOFF (CFS)			PROPOSED RUNOFF COEFFICIENT			PROPOSED RUNOFF (CFS)			PRE HEADWATER ELEV.		PRE VELOCITY (FPS)		POST HEADWATER ELEV.		POST VELOCITY (FPS)	
	ROAD	STATION	OFFSET	STRUCTURE TYPE			C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	C_{25}	C_{50}	C_{100}	(cfs) Q_{25}	(cfs) Q_{50}	(cfs) Q_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}	(ft) Hw_{50}	(ft) Hw_{100}	(fps) V_{50}	(fps) V_{100}
19	BURNT HICKORY RD	300+30.00	25.00' LT	EXISTING 36" RCP	0.14	2.31	0.87	0.95	0.95	13.36	16.56	19.40	0.88	0.95	0.95	13.50	16.48	19.40	1053.52	1053.71	14.40	14.81	1053.51	1053.71	14.40	14.81
20	BURNT HICKORY RD	302+25.00	25.00' LT	EXISTING 36" RCP	0.14	11.45	0.50	0.55	0.57	24.79	30.74	36.58	0.50	0.55	0.57	24.88	30.85	36.72	1058.07	1058.41	10.22	10.62	1058.07	1058.42	7.82	8.17
21	BURNT HICKORY RD	306+50.00	25.00' LT	EXISTING 36" RCP	0.01	11.12	0.36	0.39	0.40	16.45	20.44	24.39	0.36	0.39	0.41	16.59	20.63	24.61	1075.21	1075.45	17.74	18.39	1075.22	1075.46	17.76	18.45
22	BURNT HICKORY RD	309+99.74	114.93' LT	EXISTING 18" RCP	0.29	0.77	0.64	0.70	0.73	4.70	5.81	6.83	0.65	0.71	0.74	4.79	5.92	6.97	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	6.12	6.36
32A	BURNT HICKORY RD	324+43.59	34.85' RT	EXISTING 36" RCP	0.64	12.98	0.37	0.40	0.42	17.02	21.12	25.26	0.38	0.41	0.43	17.42	21.62	25.86	N/ A	N/ A	8.09	8.46	N/ A	N/ A	8.14	8.51
32	BURNT HICKORY RD	332+61.40	30.72' LT	EXISTING 2-10'X10' BOX CULVERT	-	1594.96	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	933.00	1140.00	1330.00	1004.90	1005.74	18.30	18.94	1004.90	1005.74	18.30	18.94
34	BURNT HICKORY RD	332+49.69	36.26' LT	18" RCP	0.47	3.46	0.66	0.72	0.75	0.82	1.01	1.19	0.57	0.62	0.64	12.95	16.05	19.69	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	9.24	11.14
25	BURNT HICKORY RD	332+83.07	31.43' LT	18" RCP	0.53	0.85	0.71	0.78	0.81	5.78	7.15	8.41	0.89	0.97	1.01	7.17	8.86	10.43	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	7.12	7.50
26	BURNT HICKORY RD	341+40.59	35.49' LT	18" RCP	0.24	0.20	0.58	0.63	0.66	1.11	1.37	1.61	0.95	0.95	0.95	1.81	2.05	2.32	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	4.51	4.65
27	BURNT HICKORY RD	348+56.82	54.57' LT	36" RCP	0.52	27.07	0.18	0.20	0.20	17.17	21.31	25.48	0.19	0.21	0.22	18.25	22.65	27.09	1062.42	1062.68	12.40	12.81	1062.44	1062.70	7.00	7.42
28	BURNT HICKORY RD	353+31.05	41.00' LT	36" RCP	0.34	15.34	0.19	0.21	0.22	12.63	15.70	18.74	0.19	0.21	0.22	12.35	15.35	18.32	1066.06	1066.27	11.69	12.02	1066.03	1066.24	11.61	11.95
29	BURNT HICKORY RD	359+00.00	-	SHEETFLOW	0.31	0.39	0.51	0.56	0.58	3.88	4.80	5.64	1.01	1.11	1.15	3.77	4.66	5.48	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
30	BURNT HICKORY RD	364+00.00	15.00' LT	SPILLWAY	0.38	0.60	0.54	0.59	0.62	3.11	3.85	4.53	0.69	0.75	0.78	3.93	4.86	5.72	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
31	BURNT HICKORY RD	365+60.00	-	SHEETFLOW	0.3	0.35	0.41	0.45	0.47	1.37	1.70	2.00	0.47	0.52	0.54	1.58	1.95	2.30	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A

BURNT HICKORY

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

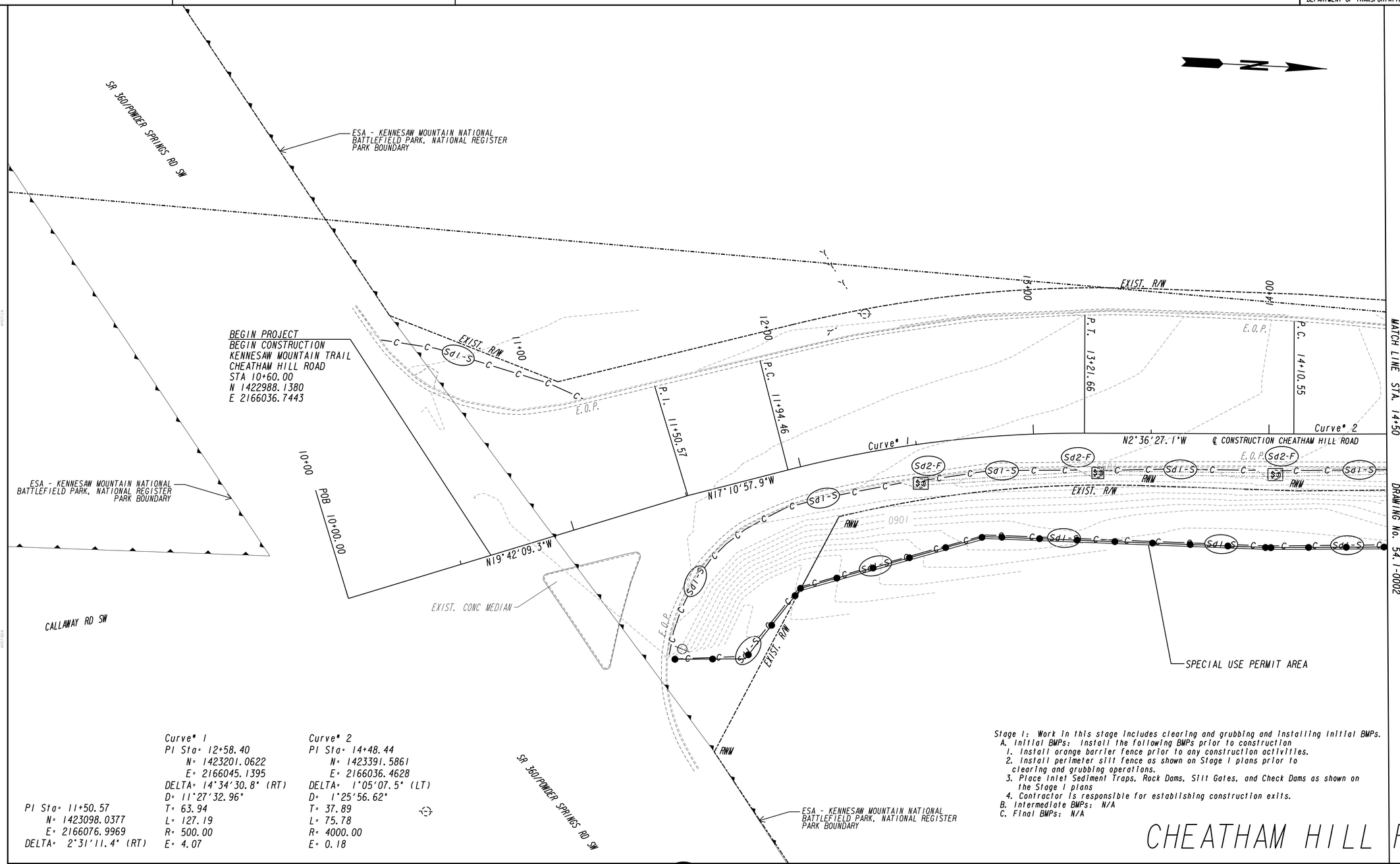
EROSION CONTROL DRAINAGE AREA MAP

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 53-0010

10/23/2015 GPLN



Curve° 1
PI Sta= 12+58.40
N= 1423201.0622
E= 2166045.1395
DELTA= 14°34'30.8" (RT)
D= 11°27'32.96"
T= 63.94
L= 127.19
R= 500.00
E= 4.07

Curve° 2
PI Sta= 14+48.44
N= 1423391.5861
E= 2166036.4628
DELTA= 1°05'07.5" (LT)
D= 1°25'56.62"
T= 37.89
L= 75.78
R= 4000.00
E= 0.18

PI Sta= 11+50.57
N= 1423098.0377
E= 2166076.9969
DELTA= 2°31'11.4" (RT)

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0001

7/31/2015 GPLN

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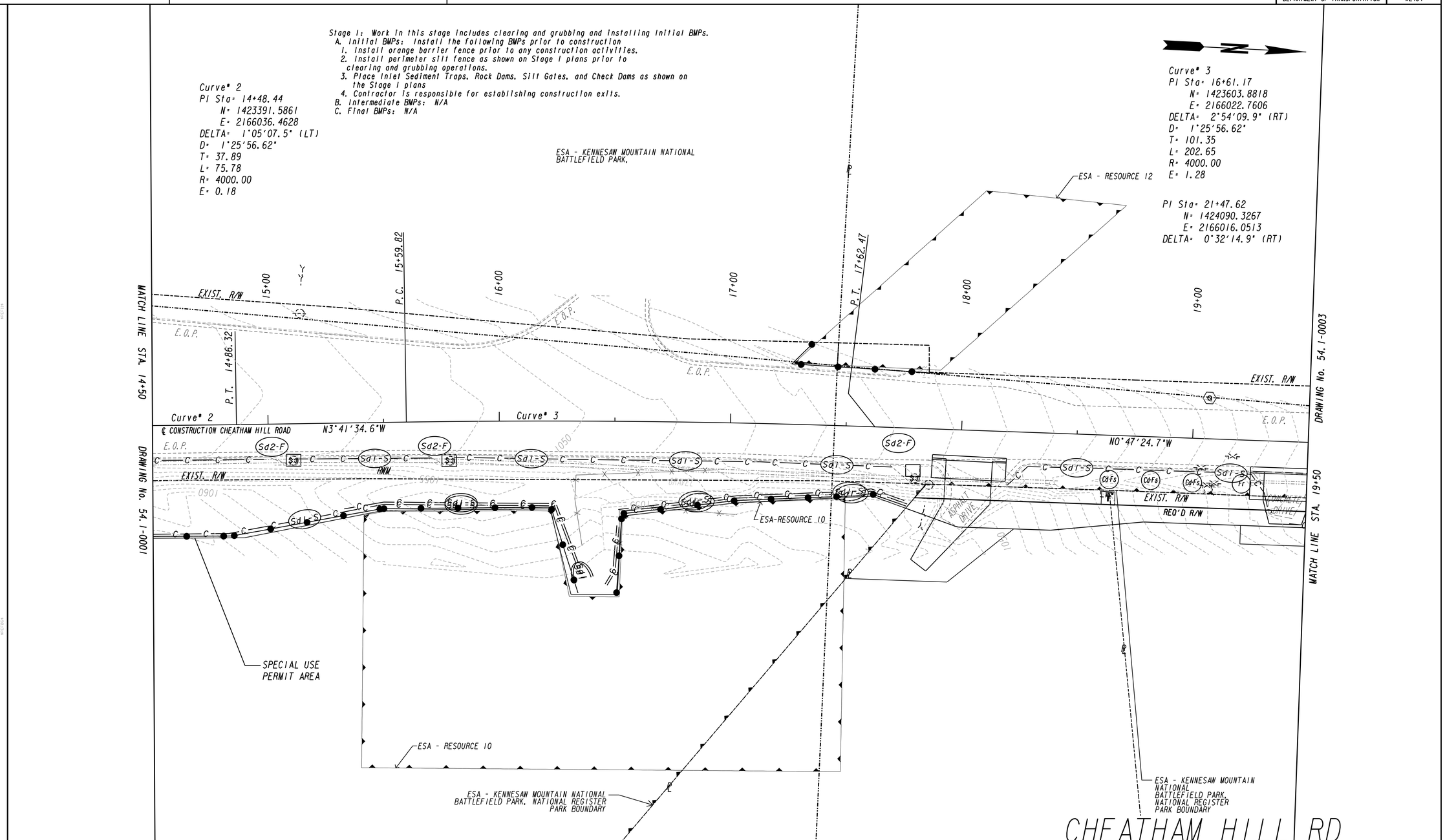
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

Stage 1: Work in this stage includes clearing and grubbing and installing Initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

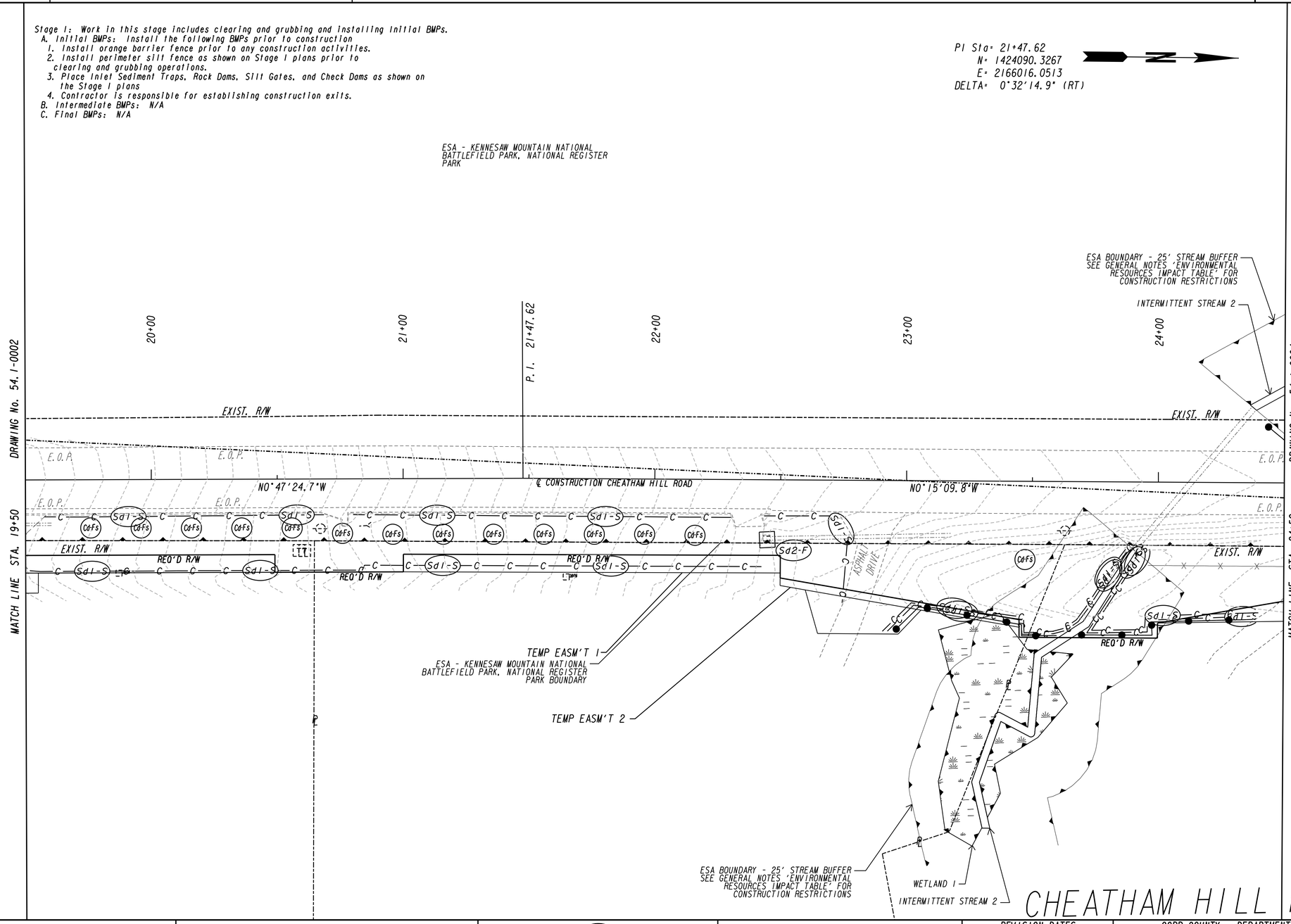
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0002

7/31/2015 GPLN

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0003

7/31/2015 GPLN

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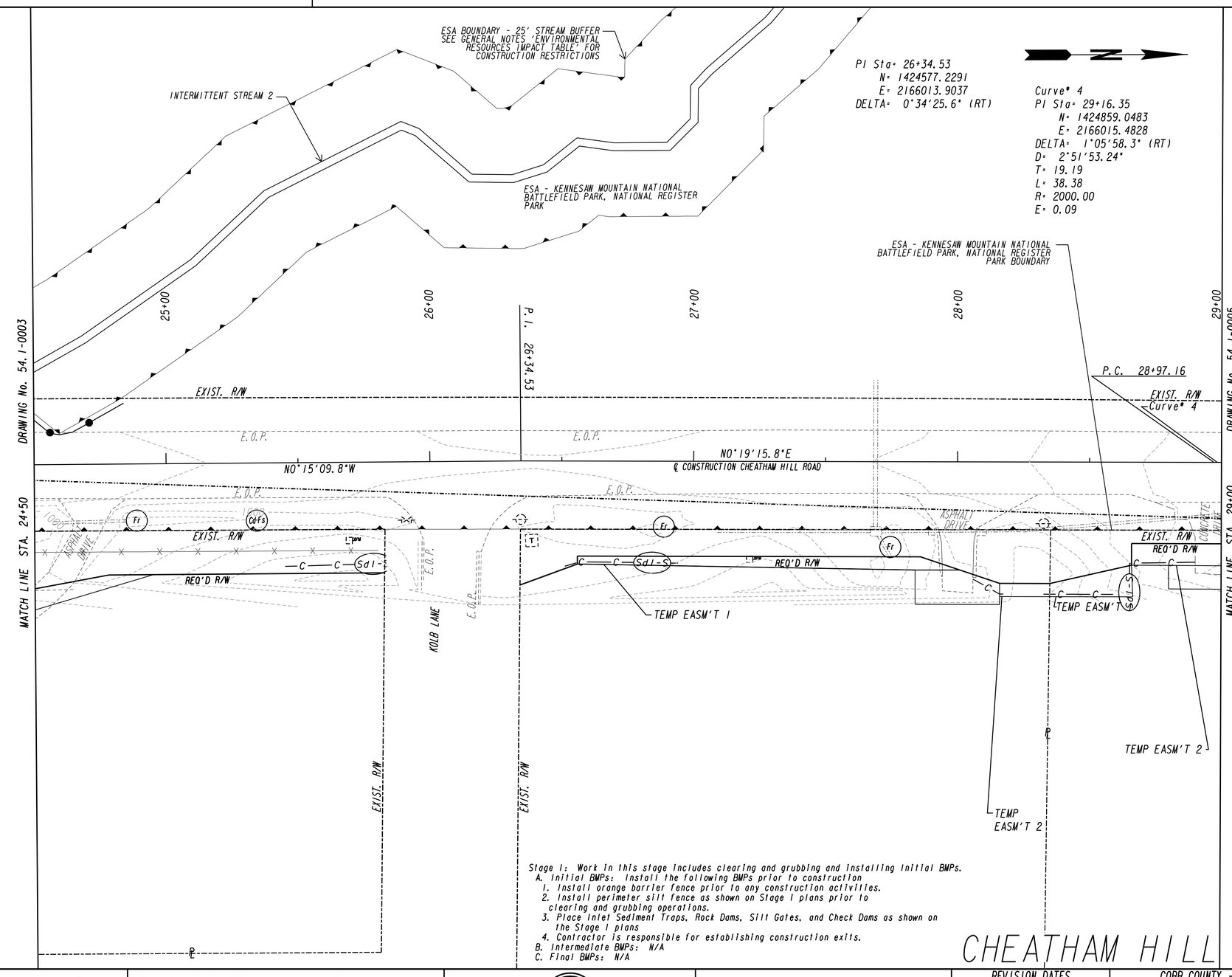
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.1-0004

7/31/2015 GPLN

Curve* 4
PI Sta* 29+16.35
N* 1424859.0483
E* 2166015.4828
DELTA* 1°05'58.3" (RT)
D* 2°51'53.24"
T* 19.19
L* 38.38
R* 2000.00
E* 0.09

PI Sta* 31+20.89
N* 1425063.5287
E* 2166020.5537
DELTA* 0°21'14.6" (RT)

Curve* 5
PI Sta* 34+15.11
N* 1425357.6111
E* 2166029.6653
DELTA* 3°46'11.2" (LT)
D* 5°43'46.48"
T* 32.91
L* 65.80
R* 1000.00
E* 0.54

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

DRAWING No. 54.1-0004

MATCH LINE STA. 29+00

P.T. 29+35.54

29+00 30+00 31+00 32+00 33+00 34+00

P.I. 31+20.89

P.T. 34+48.00

MATCH LINE STA. 34+50

DRAWING No. 54.1-0006

P.C. 33+82.20

EXIST. R/W

ASPHALT DRIVE

E.O.P.

Curve* 4 N1°25'14.1"E

N1°46'28.7"E Curve* 5

℄ CONSTRUCTION CHEATHAM HILL ROAD

Sd1-S Sd2-F Sd2-P Sd1-P Fr C&FS

REQ'D R/W

CONCRETE DRIVE

TEMP EASM'T 2

REMOVE CONC WALL TO STA 32+37, 41.00' RT. END OF WALL TO BE FINISHED WITH REMOVED MATERIAL TO MATCH EXISTING FINISH. COST TO BE INCLUDED IN GRADING COMPLETE

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0005

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

MATCH LINE STA. 34+50

DRAWING No. 54.1-0005

EXIST. R/W

E.O.P.

W11°59'42.5"W

@ CONSTRUCTION CHEATHAM HILL ROAD

P.C. 34+75.54

35+00

Curve° 6

Curve° 7
PI Sta= 36+32.99
N= 1425567.4406
E= 2165982.4772
DELTA= 21°44'57.2" (LT)
D= 23°46'27.06"
T= 46.30
L= 91.48
R= 241.00
E= 4.41

P.C.C. 35+86.69

36+00

P.C.C. 36+78.18

37+00

N24°50'49.2"W

N46°35'46.3"W

Curve° 8
PI Sta= 37+52.80
N= 1425650.5326
E= 2165894.6215
DELTA= 25°08'07.9" (LT)
D= 17°06'59.41"
T= 74.63
L= 146.85
R= 334.74
E= 8.22

38+00

P.C. 38+37.21

P.T. 38+25.03

Curve° 9

W71°43'54.2"W

MATCH LINE STA. 39+00

DRAWING No. 54.1-0007

Sdi-S

Cd-Fs

TEMP EASM'T 2

TEMP EASM'T 1

LIVINGSTON DRIVE

EXIST. R/W

Curve° 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

Curve° 6
PI Sta= 35+31.87
N= 1425474.3155
E= 2166025.5998
DELTA= 22°51'06.6" (LT)
D= 20°33'32.27"
T= 56.32
L= 111.15
R= 278.69
E= 5.63

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0006

7/31/2015 GPLN

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Curve° 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

39+00 40+00 40+35.75 P.T. 41+00 42+00 43+00

MATCH LINE STA. 39+00 DRAWING No. 54.1-0006

MATCH LINE STA. 43+50 DRAWING No. 54.1-0008

EXIST. R/W

E.O.P.

Curve° 9

℄ CONSTRUCTION CHEATHAM HILL ROAD

N75°31'24.8"W

Cd-Fs

Sdl-S

T

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0007

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

Curve* 10
PI Sta* 46+98.18
N* 1425899.2946
E* 2164980.3327
DELTA* 14°43'24.0" (RT)
D* 9°27'22.15"
T* 78.28
L* 155.70
R* 605.91
E* 5.04

TANNAGER BRIDGE COURT

EXIST. R/W

44+00

45+00

46+00

P.C. 46+19.90

47+00

DRAWING No. 54.1-0007

DRAWING No. 54.1-0009

MATCH LINE STA. 43+50

MATCH LINE STA. 47+50

℄ CONSTRUCTION CHEATHAM HILL ROAD N75°31'24.8"W

E.O.P.

Curve* 10

Sdi-S

EXIST. R/W

LIVINGSTON DRIVE

TEMP EASM'T 1

WETLAND 3

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0008

7/31/2015 GPLN

Curve* 10
PI Sta* 46+98.18
N* 1425899.2946
E* 2164980.3327
DELTA* 14°43'24.0" (RT)
D* 9°27'22.15"
T* 78.28
L* 155.70
R* 605.91
E* 5.04

Curve* 11
PI Sta* 48+19.55
N* 1425958.9266
E* 2164873.6330
DELTA* 13°48'07.8" (RT)
D* 16°57'01.48"
T* 40.91
L* 81.43
R* 338.02
E* 2.47

Curve* 12
PI Sta* 49+50.52
N* 1426048.5158
E* 2164777.5669
DELTA* 28°43'54.9" (RT)
D* 17°31'31.43"
T* 83.73
L* 163.94
R* 326.93
E* 10.55

Curve* 13
PI Sta* 51+10.06
N* 1426203.3627
E* 2164726.4577
DELTA* 17°08'15.6" (RT)
D* 11°50'44.01"
T* 72.88
L* 144.68
R* 483.69
E* 5.46

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

P.C. 50+37.17
P.T. 50+30.73
50+00
49+00
48+00
P.C. 48+66.78
P.T. 48+60.07
P.C. 47+78.64
P.T. 47+75.60
51+00
MATCH LINE STA. 47+50
EXIST. R/W
E.O.P.
Curve* 10
Curve* 11
Curve* 12
N60°48'00.8"W ℄ CONSTRUCTION CHEATHAM HILL ROAD N46°59'53.0"W
N18°15'58.0"W
950
TEMP EASM'T 2
Curve* 13
DRAWING No. 54.1-0008
DRAWING No. 54.1-0010
WETLAND 3
TEMP EASM'T 1
WETLAND 3
REQ'D R/W
TEMP EASM'T 3
MATCH LINE STA. 51+50

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0009

7/31/2015 GPLN

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USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Curve* 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

PI Sta= 53+26.41
N= 1426420.7589
E= 2164722.1755
DELTA= 1°21'02.1" (RT)

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage I plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage I plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PERENNIAL STREAM 4 WARD CREEK

20' SANITARY SEWER ESM'T

20' SANITARY SEWER ESM'T

WATCH LINE STA. 51+50

P.T. 51+81.85

52+00

53+00

P.I. 53+26.41

54+00

55+00

56+00

EXIST. R/W

GUARDRAIL

E.O.P.

Curve* 13

N1°07'42.5"W

BRIDGE

N0°13'19.6"E

℄ CONSTRUCTION CHEATHAM HILL ROAD

TEMP EASM'T 3

CONCRETE SIDEWALK

REQ'D R/W

NO ACCESS BUFFER & LANDSCAPE ESM'T

DRAWING No. 54.1-0009

DRAWING No. 54.1-0011

MATCH LINE STA. 56+50

WETLAND 3

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PERENNIAL STREAM 4 WARD CREEK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54.1-0010
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

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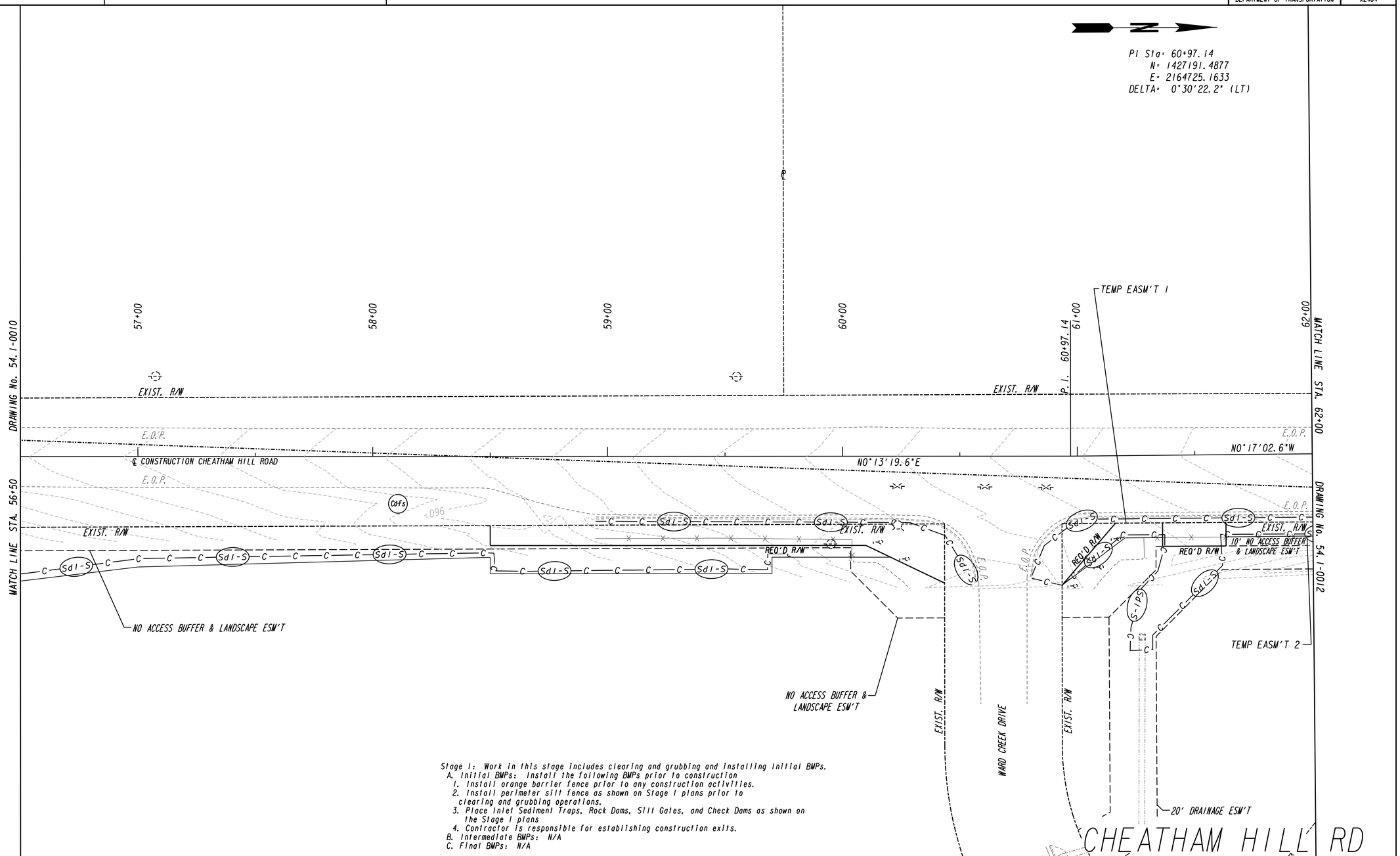
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Stage I: Work in this stage includes clearing and grubbing and installing Initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage I plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage I plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE I - INITIAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

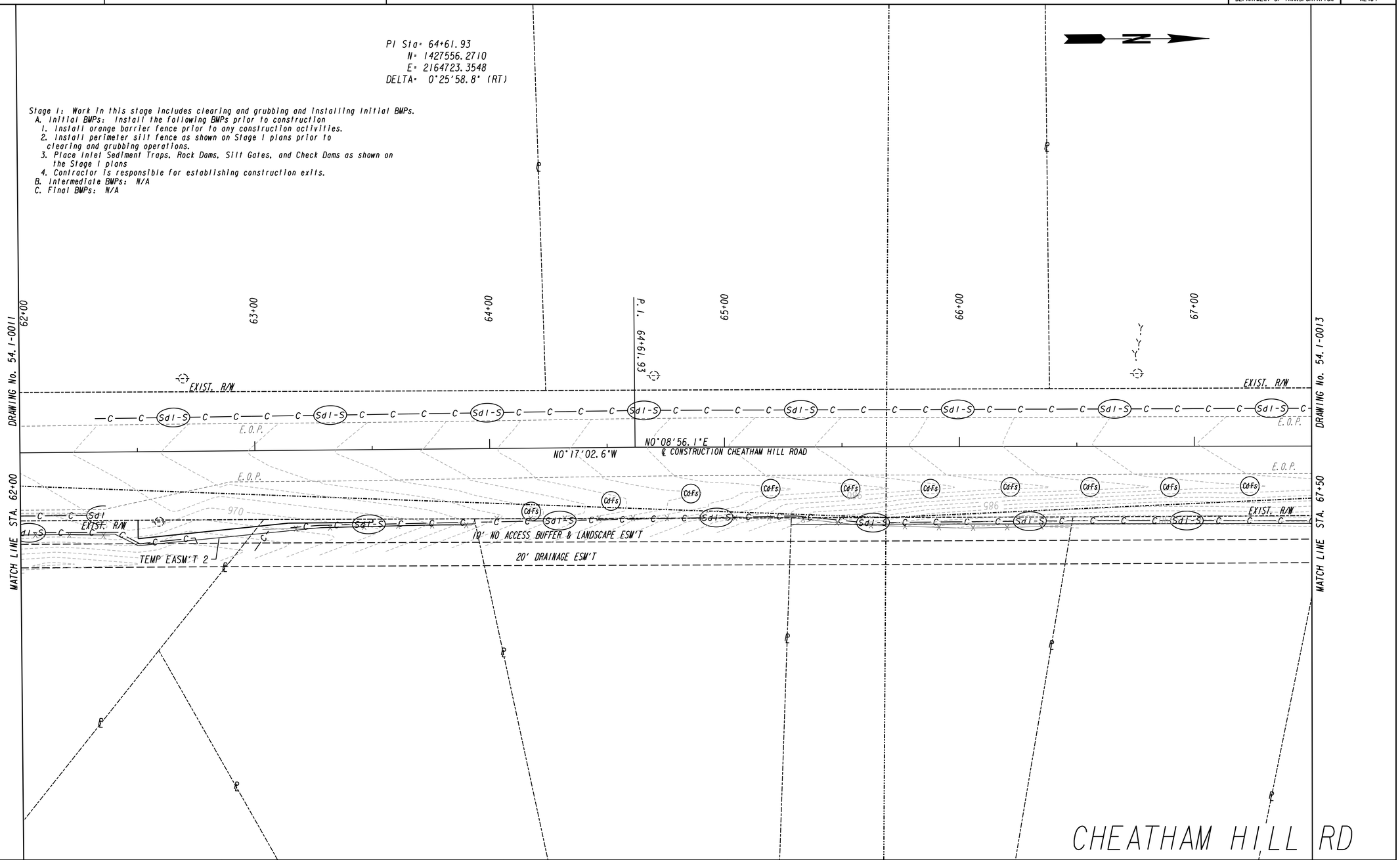
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.1-0011

7/31/2015 GPLN

PI Sta= 64+61.93
N= 1427556.2710
E= 2164723.3548
DELTA= 0°25'58.8" (RT)

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A



PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	--C--F--
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0012

7/31/2015 GPLN

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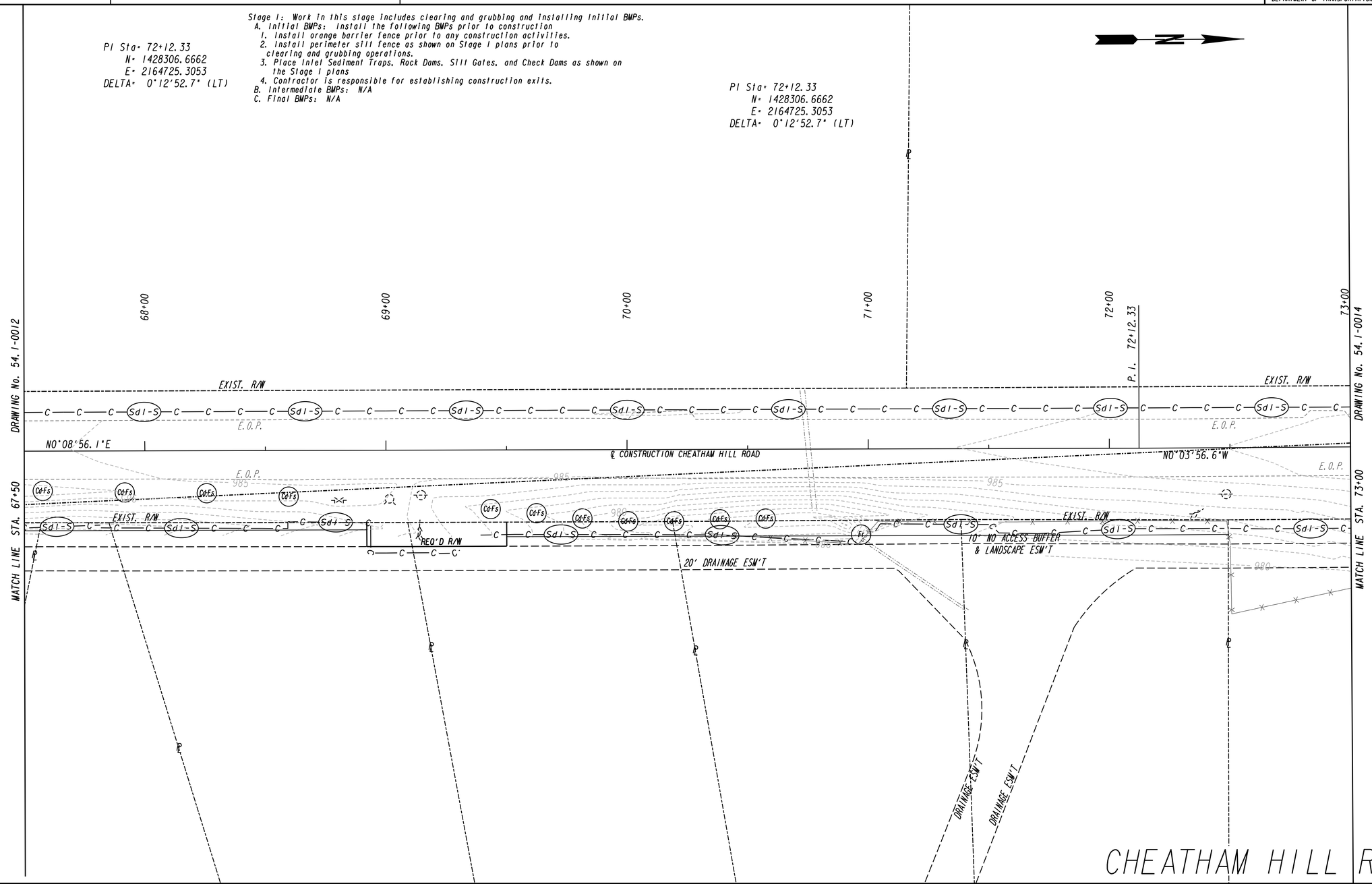
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PLANS

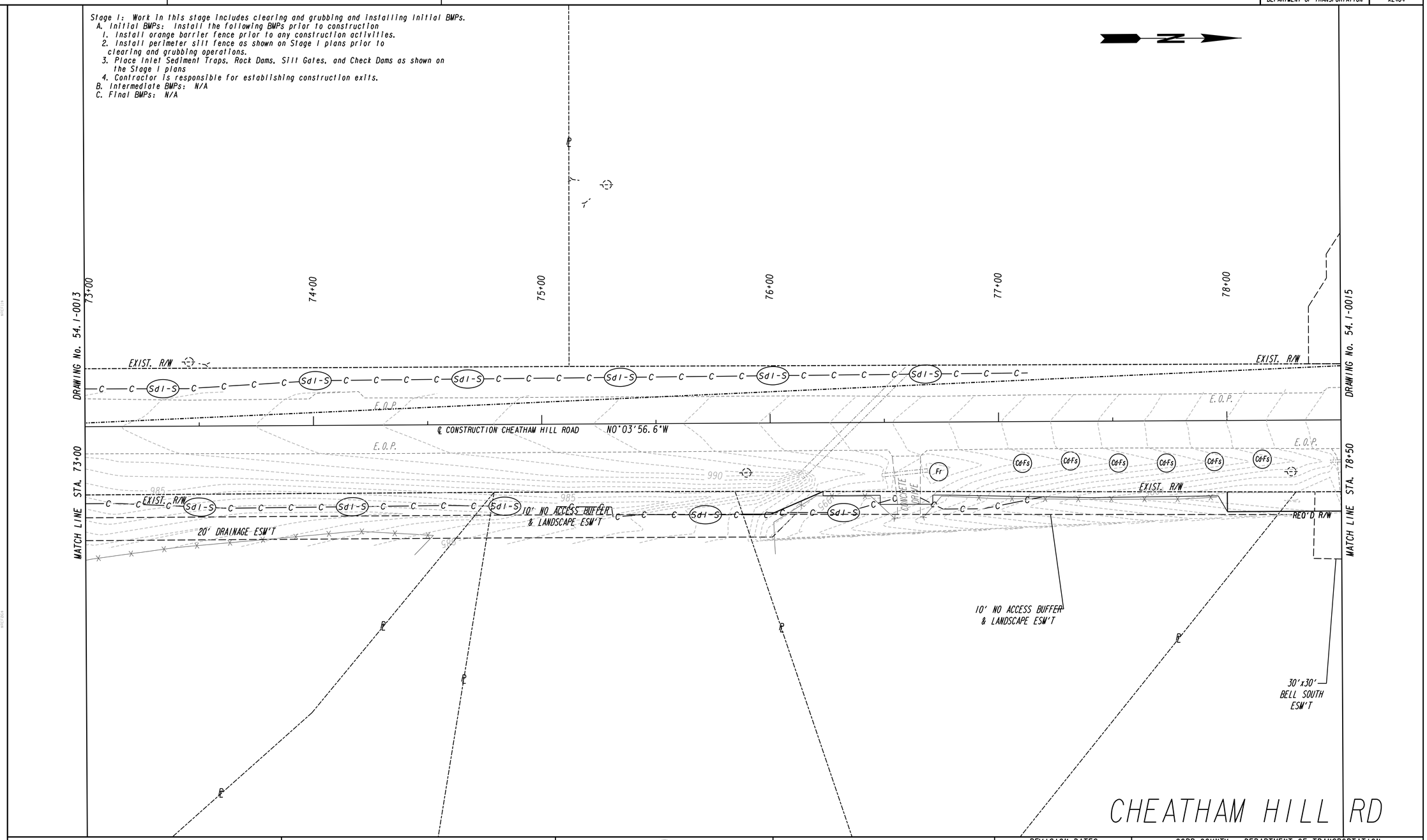
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0013

7/31/2015 GPLN

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0014

7/31/2015 GPLN

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Curve# 14
PI Sta= 80+91.82
N= 1429186.1616
E= 2164724.2966
DELTA= 18°21'30.8" (LT)
D= 7°38'21.97"
T= 121.20
L= 240.31
R= 750.00
E= 9.73

Curve# 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

35' INGRESS/EGRESS AND UTILITY EASEMENT

DRAWING No. 54.1-0014

MATCH LINE STA. 78+50

MATCH LINE STA. 83+00

DRAWING No. 54.1-0016

79+00 80+00 81+00 82+00 83+00

P.C. 79+70.63

P.T. 82+10.94

P.C. 82+27.93

EXIST. R/W

E.O.P.

℄ CONSTRUCTION CHEATHAM HILL ROAD N0°03'56.6"W

Curve# 14

N18°25'27.4"W

Curve# 15

ASPHALT DRIVE

REQ'D R/W

Cd-Fs

Sd-I-S

DIRT DRIVE

DRIVEWAY EASMT 1

30'x30' BELL SOUTH ESM'T

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0015

7/31/2015 GPLN

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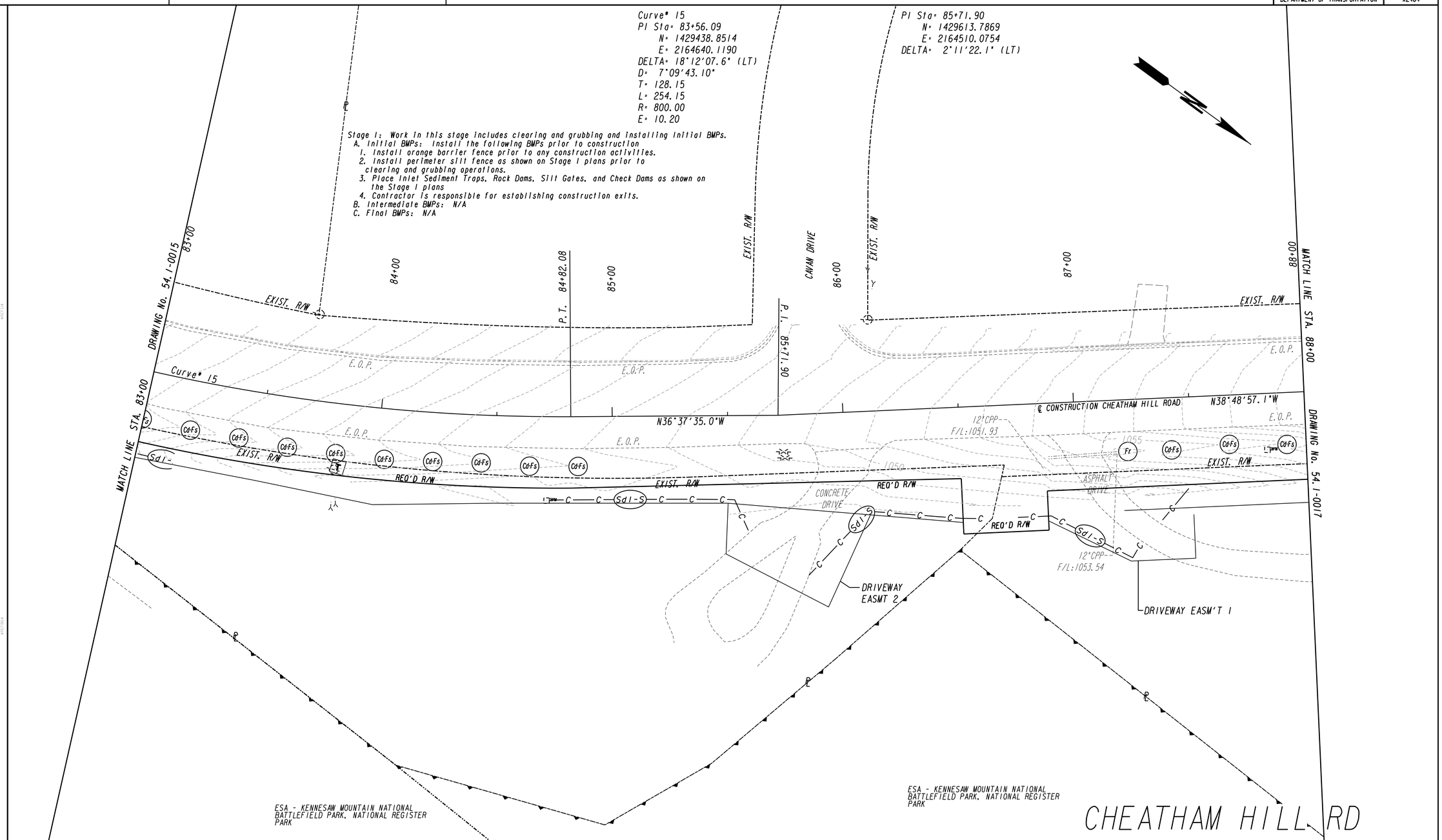
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0016

7/31/2015 GPLN

8/6/2020 5:02:28 PM
USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Curve# 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

MATCH LINE STA. 88+00

DRAWING No. 54.1-0016

DRAWING No. 54.1-0018

MATCH LINE STA. 93+00

P.C. 90+29.72

88+00

89+00

90+00

91+00

92+00

93+00

EXIST. R/W

E.O.P.

℄ CONSTRUCTION CHEATHAM HILL ROAD N38°48'57.1"W

Curve# 16

REQ'D R/W

CONCRETE DRIVE

ASP. DRIVE

Cd-Fs

Fr

Sd1-S

DRIVEWAY EASM'T 2

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0017

7/31/2015 GPLN

Curve# 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

Curve# 17
PI Sta= 98+69.64
N= 1430722.4602
E= 2163856.7257
DELTA= 4°03'59.3" (RT)
D= 1°38'13.28"
T= 124.26
L= 248.41
R= 3500.00
E= 2.20

PI Sta= 95+59.41
N= 1430434.9467
E= 2163973.2436
DELTA= 0°42'17.9" (RT)

Curve# 35
PI Sta= 485+97.43
N= 1430544.17
E= 2163945.48
DELTA= 12°23'40.8" (RT)
D= 95°29'34.68"
T= 6.52
L= 12.98
R= 60.00
E= 0.35

Curve# 36
PI Sta= 486+38.97
N= 1430585.13
E= 2163938.24
DELTA= 9°33'57.1" (RT)
D=143°14'22.02"
T= 3.35
L= 6.68
R= 40.00
E= 0.14

Curve# 37
PI Sta= 486+65.53
N= 1430611.70
E= 2163938.02
DELTA= 20°38'33.8" (LT)
D= 76°23'39.74"
T= 13.66
L= 27.02
R= 75.00
E= 1.23

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EXISTING:
AGL R/W UNK WIDTH
THROUGH NATIONAL PARK

BEGIN TRAIL ALIGNMENT
STA 485+90.91 =
STA 96+64.56 CHEATHAM HILL RD
15.33' RT
N 1430538.1521
E 2163947.9628

MATCH LINE STA. 93+00
DRAWING No. 54.1-0017
MATCH LINE STA. 98+50
DRAWING No. 54.1-0019

P.T. 93+93.89
P.I. 95+59.41
P.C. 97+45.39
93+00
94+00
95+00
96+00
97+00
98+00
486+00
487+00

EXIST. R/W
REQ'D R/W
COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
E.O.P.
ASPHALT DRIVE
℄ CONSTRUCTION CHEATHAM HILL ROAD
℄ KENNESAW MOUNTAIN TRAIL
TRAIL
Curve# 16
Curve# 17
Curve# 35
Curve# 36
Curve# 37
N22°45'56.8"W
N22°25'21.4"W
N22°03'38.8"W
N 10°01'40.5" W
N 21°06'17.2" W
N 0°27'43.4" W
1080
1085
1090
1095
1100
Sdr-S
C

SPECIAL USE PERMIT AREA
ESA - RESOURCE 9

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0018

7/31/2015 GPLN

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

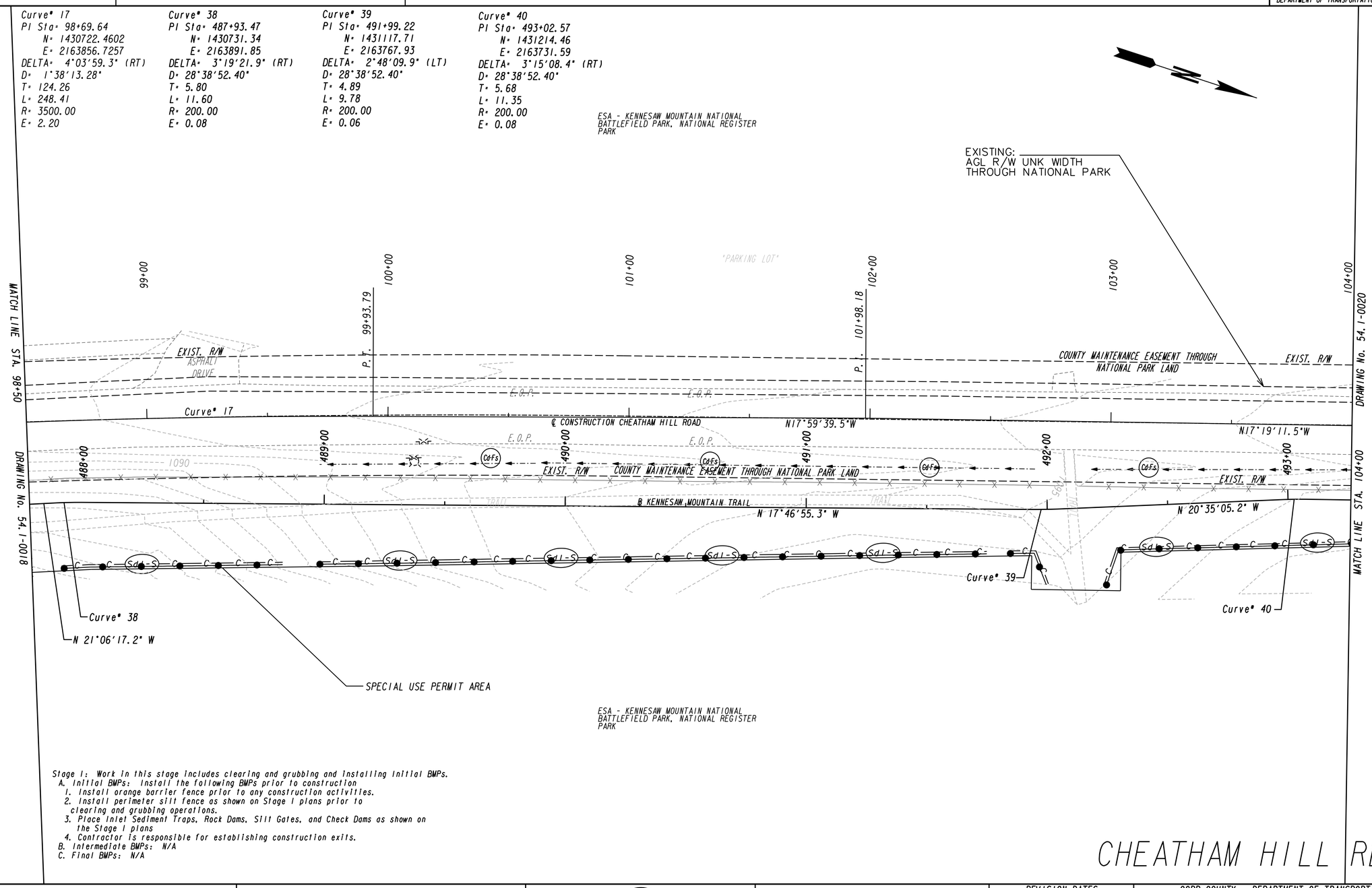
Curve* 17
PI Sta* 98+69.64
N* 1430722.4602
E* 2163856.7257
DELTA* 4°03'59.3" (RT)
D* 1°38'13.28"
T* 124.26
L* 248.41
R* 3500.00
E* 2.20

Curve* 38
PI Sta* 487+93.47
N* 1430731.34
E* 2163891.85
DELTA* 3°19'21.9" (RT)
D* 28°38'52.40"
T* 5.80
L* 11.60
R* 200.00
E* 0.08

Curve* 39
PI Sta* 491+99.22
N* 1431117.71
E* 2163767.93
DELTA* 2°48'09.9" (LT)
D* 28°38'52.40"
T* 4.89
L* 9.78
R* 200.00
E* 0.06

Curve* 40
PI Sta* 493+02.57
N* 1431214.46
E* 2163731.59
DELTA* 3°15'08.4" (RT)
D* 28°38'52.40"
T* 5.68
L* 11.35
R* 200.00
E* 0.08

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK



Stage I: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage I plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage I plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0019

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

PI Sta= 495+83.83
N= 1431483.4289
E= 2163653.3428
DELTA= 15°59'30.3" (LT)
D=114°35'29.61"
T= 7.02
L= 13.96
R= 50.00
E= 0.49

Curve= 18
PI Sta= 108+91.87
N= 1431698.4549
E= 2163552.5730
DELTA= 6°00'12.2" (LT)
D= 2°05'00.54"
T= 144.20
L= 288.14
R= 2750.00
E= 3.78

PI Sta= 104+75.03
N= 1431299.3259
E= 2163672.7806
DELTA= 0°53'26.5" (RT)

PI Sta= 493+99.01
N= 1431306.52
E= 2163702.86
DELTA= 1°04'03.9" (LT)

Curve= 41
PI Sta= 494+42.68
N= 1431347.96
E= 2163689.08
DELTA= 3°48'16.4" (RT)
D= 28°38'52.40"
T= 6.64
L= 13.28
R= 200.00
E= 0.11

Curve= 42
PI Sta= 495+81.16
N= 1431481.98
E= 2163654.18
DELTA= 15°20'34.3" (LT)
D=114°35'29.61"
T= 6.73
L= 13.39
R= 50.00
E= 0.45

Curve= 43
PI Sta= 496+64.49
N= 1431554.26
E= 2163612.55
DELTA= 13°08'10.4" (RT)
D=114°35'29.61"
T= 5.76
L= 11.46
R= 50.00
E= 0.33

PI Sta= 106+32.50
N= 1431450.3622
E= 2163628.2446
DELTA= 0°31'59.7" (LT)

END TRAIL ALIGNMENT
STA 496+70.42 *
STA 107+41.45 CHEATHAM HILL RD
15.38' RT
N 1431559.0652
E 2163611.1607

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

EXISTING: AGL R/W UNK WIDTH THROUGH NATIONAL PARK

MATCH LINE STA. 104+00

DRAWING No. 54.1-0019

104+00 105+00 106+00 107+00 108+00 109+00

P.I. 104+75.03 | P.I. 106+32.50 | P.C. 107+47.67 | Curve= 43

EXIST. R/W | COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND | ASPHALT DRIVE | E.O.P. | EXIST. R/W | RWW

N17°19'11.5"W | ℄ CONSTRUCTION CHEATHAM HILL ROAD N16°25'45.0"W | N16°57'44.7"W | Curve= 18

494+00 | 495+00 | 496+00 | 100

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND | EXIST. R/W | N 16°48'08.1" W

N 17°19'56.7" W | N 18°24'00.6" W | @ KENNESAW MOUNTAIN TRAIL | N 14°35'44.2" W | N 29°56'18.5" W

Sdi-S | Curve= 41 | Curve= 42 | P.I. 493+99.01

SPECIAL USE PERMIT AREA

MATCH LINE STA. 109+50

DRAWING No. 54.1-0021

CHEATHAM HILL RD

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0020

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404

Curve* 18
PI Sta= 108+91.87
N= 1431698.4549
E= 2163552.5730
DELTA= 6°00'12.2" (LT)
D= 2°05'00.54"
T= 144.20
L= 288.14
R= 2750.00
E= 3.78

Curve* 19
PI Sta= 113+19.79
N= 1432092.6991
E= 2163385.5039
DELTA= 1°17'53.0" (LT)
D= 1°54'35.49"
T= 33.98
L= 67.97
R= 3000.00
E= 0.19

Curve* 20
PI Sta= 115+00.66
N= 1432257.5913
E= 2163311.1774
DELTA= 3°56'14.1" (RT)
D= 7°38'21.97"
T= 25.78
L= 51.54
R= 750.00
E= 0.44

DRAWING No. 54.1-0020

MATCH LINE STA. 109+50

110+00

P.T. 110+35.81

111+00

112+00

P.C. 112+85.81

113+00

P.T. 113+53.77

114+00

P.C. 114+74.88

115+00

DRAWING No. 54.1-0022

MATCH LINE STA. 115+00

EXIST. R/W

RMW

E.O.P.

ASP.

Curve* 18

Curve* 19

Curve* 20

℄ CONSTRUCTION CHEATHAM HILL ROAD

N22°57'56.9"W

N24°15'49.9"W

CONCRETE SIDEWALK

EARTH

GRAVEL

Sd2-F

Sd1-S

Cd-Fs

Ft

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

1125

1120

CHEATHAM HILL RD

Stage I: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage I plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage I plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE I - INITIAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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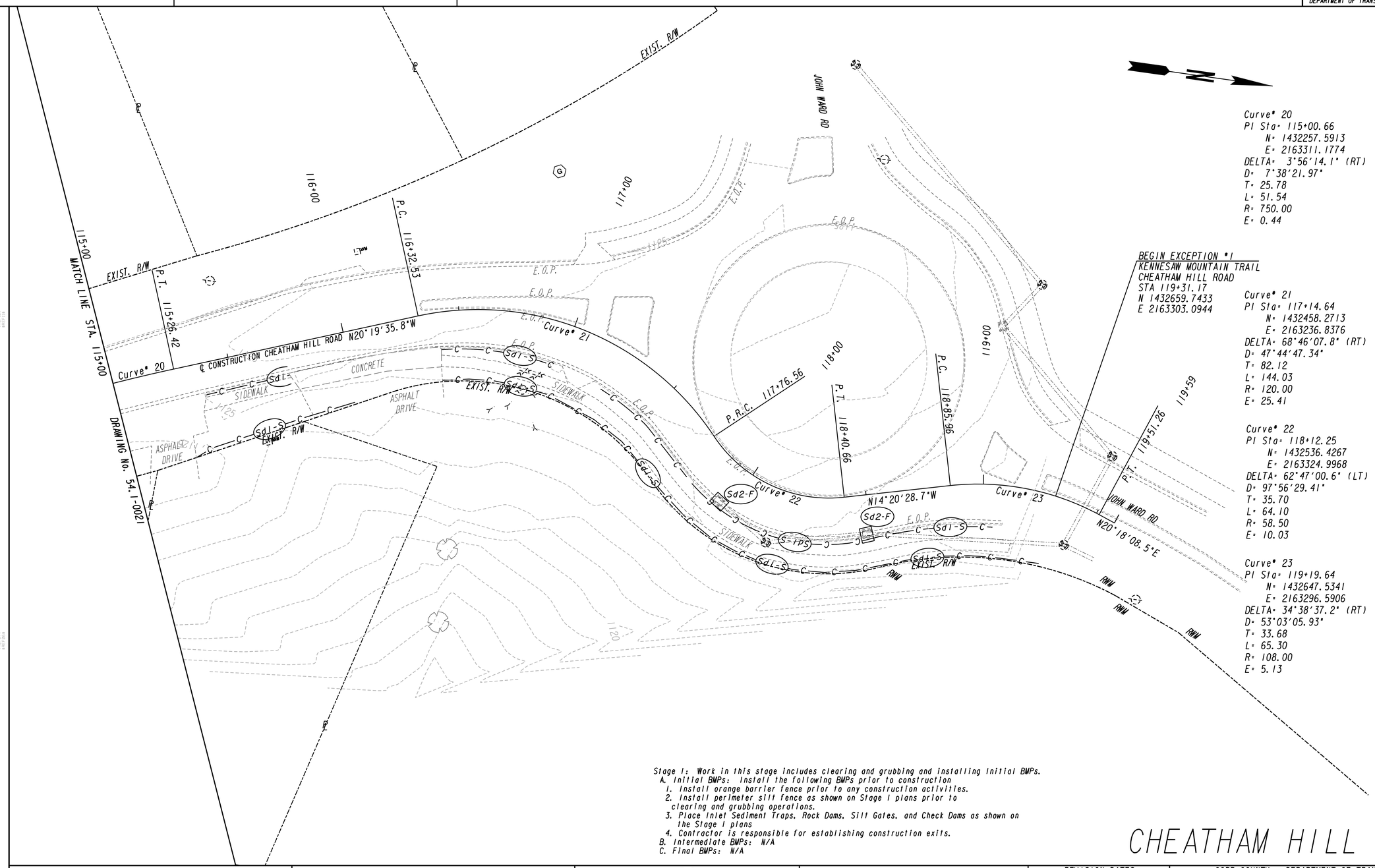
VERIFIED: DATE:

DRAWING No. 54.1-0021

7/31/2015 GPLN



Curve# 20
PI Sta= 115+00.66
N= 1432257.5913
E= 2163311.1774
DELTA= 3°56'14.1" (RT)
D= 7°38'21.97"
T= 25.78
L= 51.54
R= 750.00
E= 0.44

BEGIN EXCEPTION #1
KENNESAW MOUNTAIN TRAIL
CHEATHAM HILL ROAD
STA 119+31.17
N 1432659.7433
E 2163303.0944

Curve# 21
PI Sta= 117+14.64
N= 1432458.2713
E= 2163236.8376
DELTA= 68°46'07.8" (RT)
D= 47°44'47.34"
T= 82.12
L= 144.03
R= 120.00
E= 25.41

Curve# 22
PI Sta= 118+12.25
N= 1432536.4267
E= 2163324.9968
DELTA= 62°47'00.6" (LT)
D= 97°56'29.41"
T= 35.70
L= 64.10
R= 58.50
E= 10.03

Curve# 23
PI Sta= 119+19.64
N= 1432647.5341
E= 2163296.5906
DELTA= 34°38'37.2" (RT)
D= 53°03'05.93"
T= 33.68
L= 65.30
R= 108.00
E= 5.13

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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VERIFIED: DATE:

DRAWING No. 54.1-0022

7/31/2015 GPLN

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USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

PI Sta= 203+85.71
N= 1435409.4885
E= 2163927.1514
DELTA= 0°24'54.1" (RT)

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

END EXCEPTION #1
KENNESAW MOUNTAIN TRAIL
S.R. 120/ WHITLOCK AVE.
STA 200+33.61
N 1435432.1980
E 2163575.7908

EXIST R/W

200+00 201+00 202+00 203+00 204+00

EXIST R/W

E.O.P.

CONCRETE

CONCRETE

GUARDRAIL

E.O.P.

P.I. 203+85.71

E.O.P.

S86°18'07.0"E

S85°53'12.9"E

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

E.O.P.

E.O.P.

E.O.P.

SIDEWALK

CONC.

CONC.

EXIST R/W

EXIST R/W

EXIST R/W

Fr

Cd-Fs

Cd-Fs

Cd-Fs

Cd-S

Fr

Cd-S

Sdi-S

Sdi-S

Sdi-S

Sdi-S

Sdi-S

Sdi-S

22

JOHN WARD RD SW

SIDEWALK

ESA - RESOURCE 5

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

SPECIAL USE PERMIT AREA 1

EXIST R/W

EXIST R/W

DRAWING No. 54.1-0024

MATCH LINE STA. 204+50

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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DRAWING No. 54.1-0023

7/31/2015 GPLN

8/6/2020 5:03:06 PM
USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

N

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

205+00 206+00 207+00 208+00 209+00 210+00

DRAWING No. 54.1-0023

DRAWING No. 54.1-0025

EXIST R/W

E.O.P.

S85°53'12.9"E

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

MATCH LINE STA. 204+50

MATCH LINE STA. 210+00

Cd-Fs

Sd1-S

SPECIAL USE PERMIT AREA 1

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
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SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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VERIFIED:		DATE:	

DRAWING No. 54.1-0024

7/31/2015 GPLN

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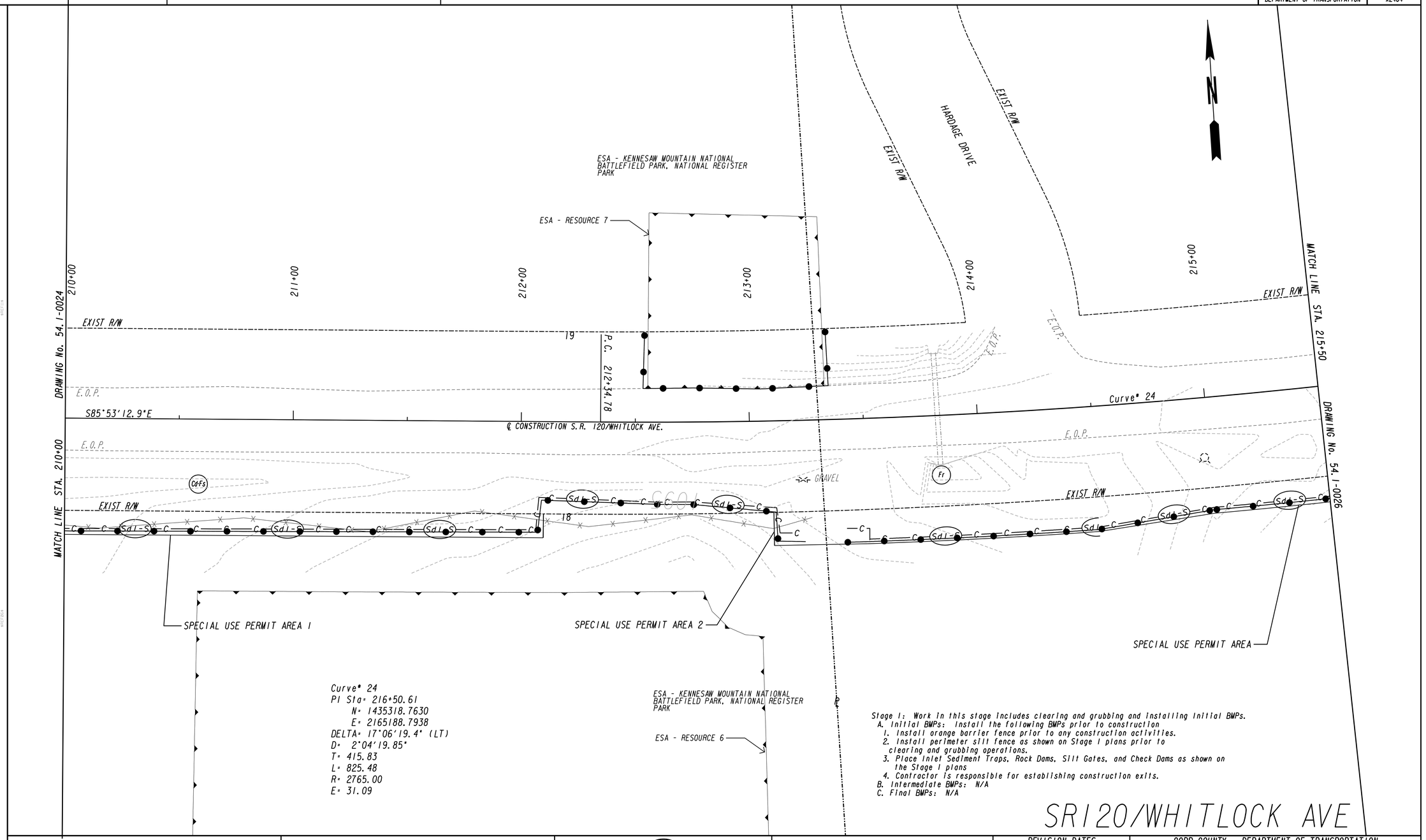
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



Stage 1: Work in this stage includes clearing and grubbing and installing Initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.1-0025

7/31/2015 GPLN

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USER:jkelly

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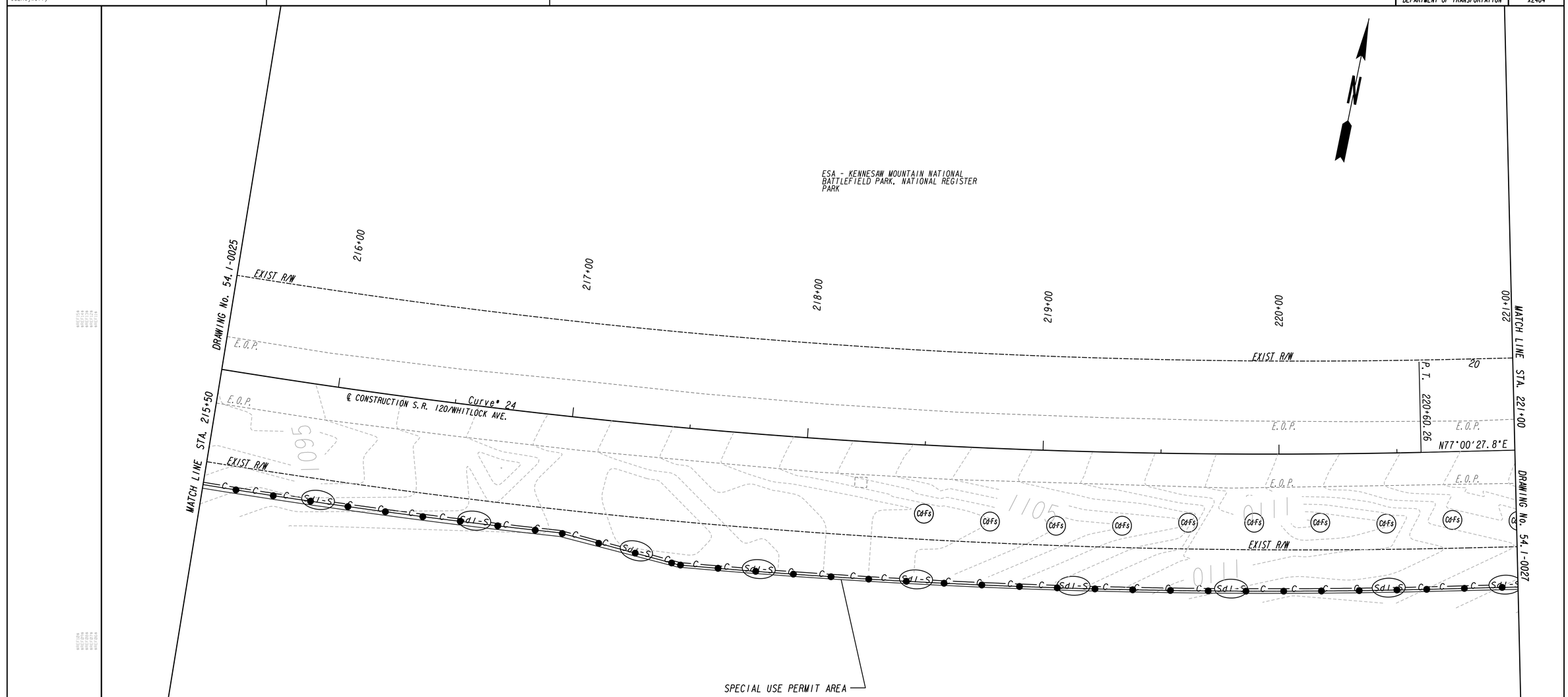
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Curve* 24
PI Sta= 216+50.61
N= 1435318.7630
E= 2165188.7938
DELTA= 17°06'19.4" (LT)
D= 2°04'19.85"
T= 415.83
L= 825.48
R= 2765.00
E= 31.09

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.1-0026

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 11

BEGIN EXCEPTION #2
KENNESAW MOUNTAIN TRAIL
S.R. 120/ WHITLOCK AVE.
STA 225+38.10
N 1435519.6789
E 2166059.5911

MATCH LINE STA. 221+00

222+00 223+00 224+00 225+00

EXIST R/W

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

N77°00'27.8"E

E.A.S.

E.O.P.

SIDEWALK

CONC.

CHEATHAM HILL DR

DRAWING No. 54.1-0026

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

ESA - RESOURCE 8

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 1 - INITIAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0027

7/31/2015 GPLN

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USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Curve* 25
PI Sta= 300+43.75
N= 1437994.6673
E= 2171763.9385
DELTA= 29°14'43.5" (LT)
D= 22°55'05.92"
T= 65.23
L= 127.61
R= 250.00
E= 8.37

END EXCEPTION *2
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 300+12.23
N 1437962.9784
E 2171763.0912

EXIST R/W

299+51

POB 299+51.08

P.C. 299+78.52

N02°34'23.7"W

300+00

301+00

302+00

303+00

304+00

MATCH LINE STA. 304+00

SIDEWALK

BRICK PAVERS

P.T. 301+06.15

Curve* 25

N31°49'07.2"W

℄ CONSTRUCTION BURNT HICKORY RD.

1060

1065

1070

1075

Sd2-F

Sd1-S

TEMP EASM'T 1

TEMP EASM'T 2

WHITLOCK AVE / SR 120

RACETRAC MARKET
(BY OTHERS)

"EXISTING DETENTION POND"

DRAWING No. 54.1-0029

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
54.1-0028

7/31/2015 GPLN

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USER:jkelly

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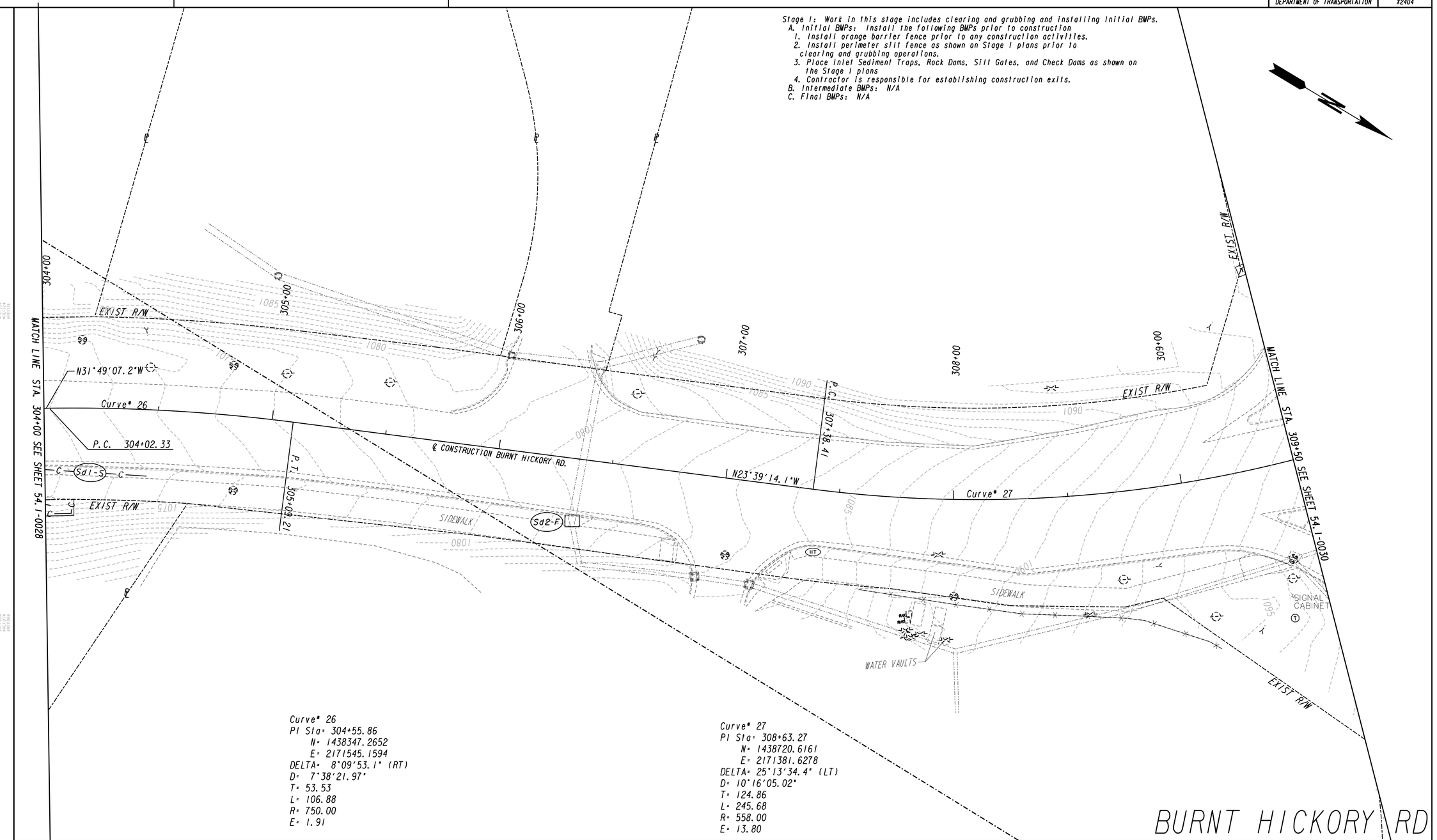
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X240-4

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A



Curve# 26
PI Sta= 304+55.86
N= 1438347.2652
E= 2171545.1594
DELTA= 8°09'53.1" (RT)
D= 7°38'21.97"
T= 53.53
L= 106.88
R= 750.00
E= 1.91

Curve# 27
PI Sta= 308+63.27
N= 1438720.6161
E= 2171381.6278
DELTA= 25°13'34.4" (LT)
D= 10°16'05.02"
T= 124.86
L= 245.68
R= 558.00
E= 13.80

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
54.1-0029

7/31/2015 GPLN

8/6/2020 5:03:39 PM
USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

POLK STREET EXT
EXIST R/W
EXISTING POND
CREATED R/W'S
TEMP EASM'T 1
MATCH LINE STA. 309+50 SEE SHEET 54.1-0029
MATCH LINE STA. 315+00 SEE SHEET 54.1-0031
P.T. 309+84.09
Curve# 27
310+00
311+00
312+00
313+00
314+00
315+00
Sdl-S
Cd-Fs
℄ CONSTRUCTION BURNT HICKORY RD.
N48°52'48.5"W
N48°02'40.2"W
P.I. 313+92.35
EXIST R/W
POLK STREET

Curve# 27
PI Sta: 308+63.27
N: 1438720.6161
E: 2171381.6278
DELTA: 25°13'34.4" (LT)
D: 10°16'05.02"
T: 124.86
L: 245.68
R: 558.00
E: 13.80

PI Sta: 313+92.35
N: 1439071.2215
E: 2170980.0023
DELTA: 0°50'08.3" (RT)

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
54.1-0030

7/31/2015 GPLN

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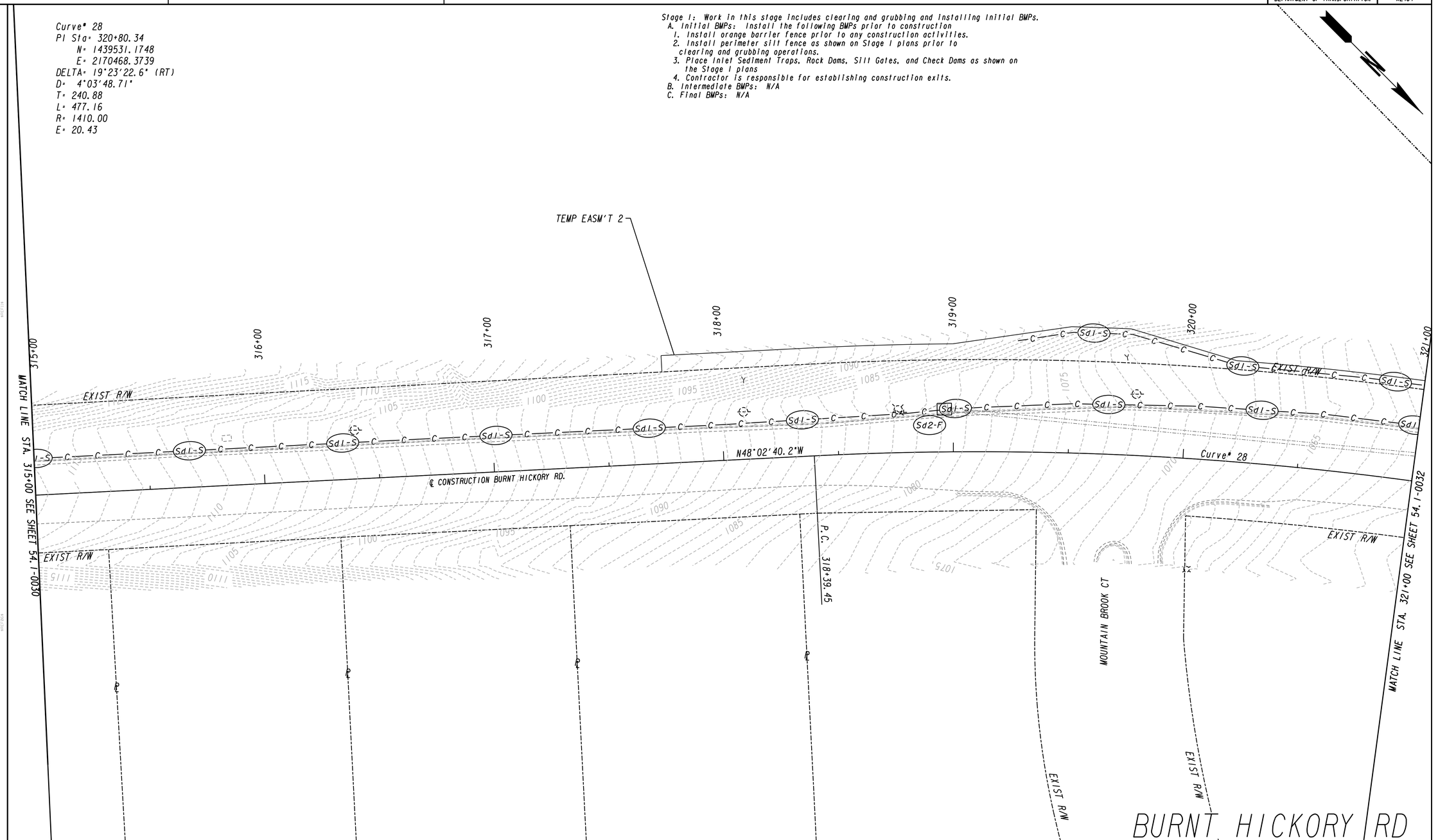
USER:jkelly

Curve* 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage I plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage I plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0031

7/31/2015 GPLN

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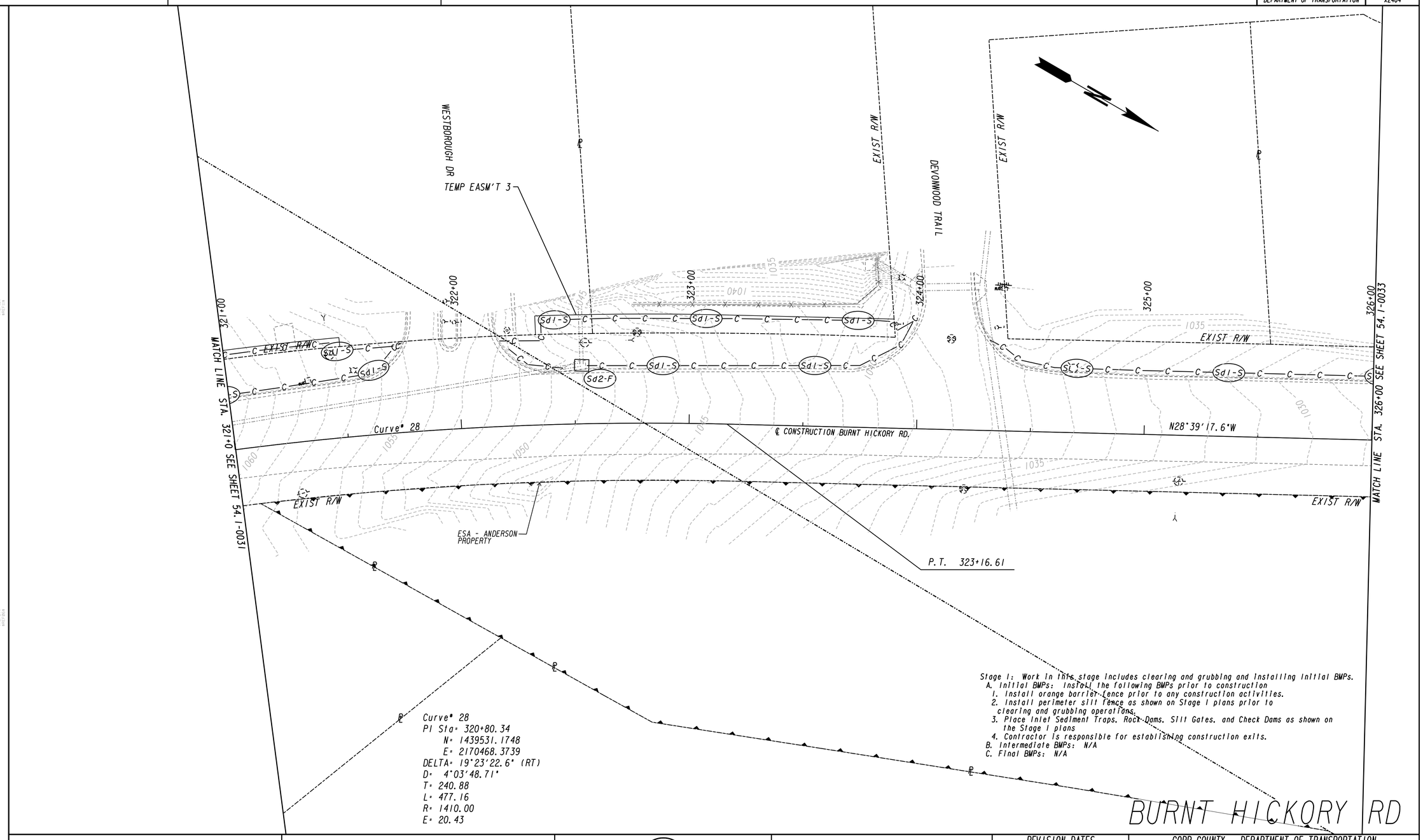
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X240-4



Curve# 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.1-0032

7/31/2015 GPLN

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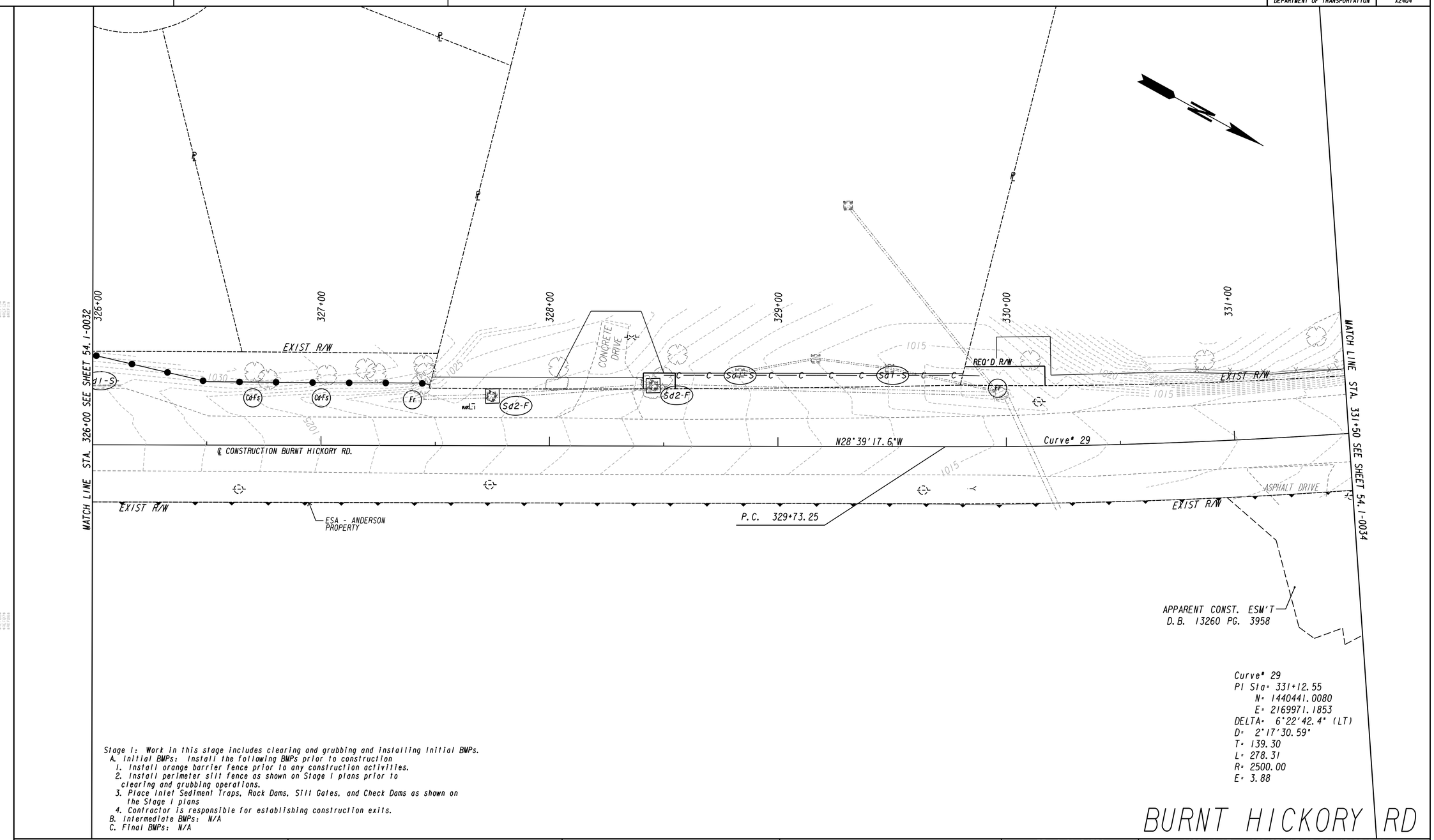
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Curve# 29
PI Sta= 331+12.55
N= 1440441.0080
E= 2169971.1853
DELTA= 6°22'42.4" (LT)
D= 2°17'30.59"
T= 139.30
L= 278.31
R= 2500.00
E= 3.88

BURNT HICKORY RD

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.1-0033

7/31/2015 GPLN

56
N/F
CATHY C. KAMPA
1099 BURNT HICKORY RD
PID: 20032201790
D.B. 14937, PG. 685
P.B. 13250, PG. 5885

PERENNIAL STREAM 5
NOSES CREEK

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

APPARENT CONST. ESM'T
D.B. 13260 PG. 3960

TOP OF BANK NOSES CREEK

TOP OF BANK

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

57
N/F
U.S. GOVERNMENT
BURNT HICKORY
ROAD
PID: 20032200090

SPECIAL USE PERMIT AREA

SPECIAL USE PERMIT AREA

332+00 333+00 334+00 335+00 336+00 337+00

MATCH LINE STA. 337+00 SEE SHEET 54.1-0035

MATCH LINE STA. 331+50 SEE SHEET 54.1-0033

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

GUARDRAIL

Curve# 29

Curve# 30

N35°02'00.0"W

℄ CONSTRUCTION BURNT HICKORY RD.

P.C. 336+18.12

P.T. 332+51.56

APPARENT CONST. ESM'T
D.B. 13260 PG. 3958

N/F
JAMES T. III & WILLIAM T. &
KENT LESLIE VIRGINIA ANDERSON
1100 BURNT HICKORY RD
PID: 20032200030
D.B. 14693, PG. 2103

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

NOSES CREEK

ESA - ANDERSON PROPERTY

PERENNIAL STREAM 5
NOSES CREEK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

BURNT HICKORY RD

Stage I: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage I plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage I plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

Curve# 29	Curve# 30
PI Sta= 331+12.55	PI Sta= 337+50.91
N= 1440441.0080	N= 1440963.9427
E= 2169971.1853	E= 2169604.5687
DELTA= 6°22'42.4" (LT)	DELTA= 31°14'16.0" (LT)
D= 2°17'30.59"	D= 12°03'44.17"
T= 139.30	T= 132.79
L= 278.31	L= 258.97
R= 2500.00	R= 475.00
E= 3.88	E= 18.21

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0034

7/31/2015 GPLN

WETLAND 6

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

MATCH LINE STA. 337+00 SEE SHEET 54.1-0034

338+00

339+00

340+00

341+00

342+00

MATCH LINE STA. 342+00 SEE SHEET 54.1-0036

EXIST R/W

Curve# 30

N66°16'16.0"W

Curve# 31

N67°25'48.6"W

℄ CONSTRUCTION BURNT HICKORY RD.

P.T. 338+77.09

P.C. 339+73.20

P.T. 340+89.10

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve# 30
PI Sta= 337+50.91
N= 1440963.9427
E= 2169604.5687
DELTA= 31°14'16.0" (LT)
D= 12°03'44.17"
T= 132.79
L= 258.97
R= 475.00
E= 18.21

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

Curve# 31
PI Sta= 340+31.15
N= 1441079.3764
E= 2169341.9631
DELTA= 1°09'32.6" (LT)
D= 1°00'00.00"
T= 57.95
L= 115.90
R= 5729.58
E= 0.29

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
KENNESAW MOUNTAIN
PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
54.1-0035

7/31/2015 GPLN

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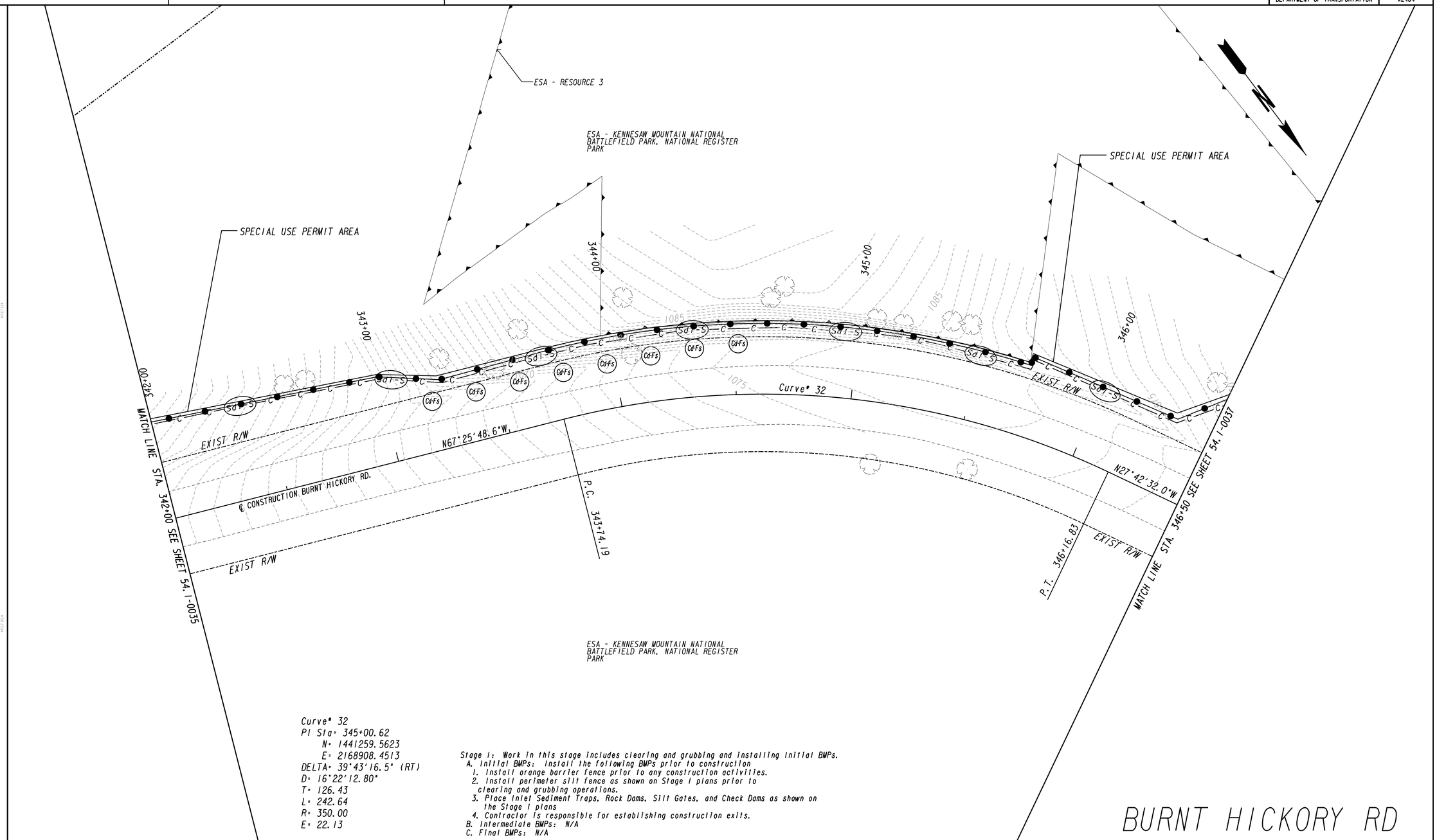
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Curve# 32
PI Sta= 345+00.62
N= 1441259.5623
E= 2168908.4513
DELTA= 39°43'16.5" (RT)
D= 16°22'12.80"
T= 126.43
L= 242.64
R= 350.00
E= 22.13

Stage I: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage I plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage I plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
54.1-0036

7/31/2015 GPLN

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

WETLAND 7
ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
INTERMITTENT STREAM 8
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK
ESA - RESOURCE 3
SPECIAL USE PERMIT AREA
SPECIAL USE PERMIT AREA
347+00
348+00
349+00
350+00
351+00
MATCH LINE STA. 351+00 SEE SHEET 54.1-0038
MATCH LINE STA. 346+50 SEE SHEET 54.1-0036
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
Curve* 33
℄ CONSTRUCTION BURNT HICKORY RD.
N27°42'32.0"W
P.C. 347+86.35
WETLAND 9
25' SERVICE ROAD
ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
INTERMITTENT STREAM 8
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK
ESA - RESOURCE 4

Curve* 33
PI Sta= 350+03.78
N= 1441714.0596
E= 2168669.7448
DELTA= 47°00'17.0" (LT)
D= 11°27'32.96"
T= 217.43
L= 410.19
R= 500.00
E= 45.23

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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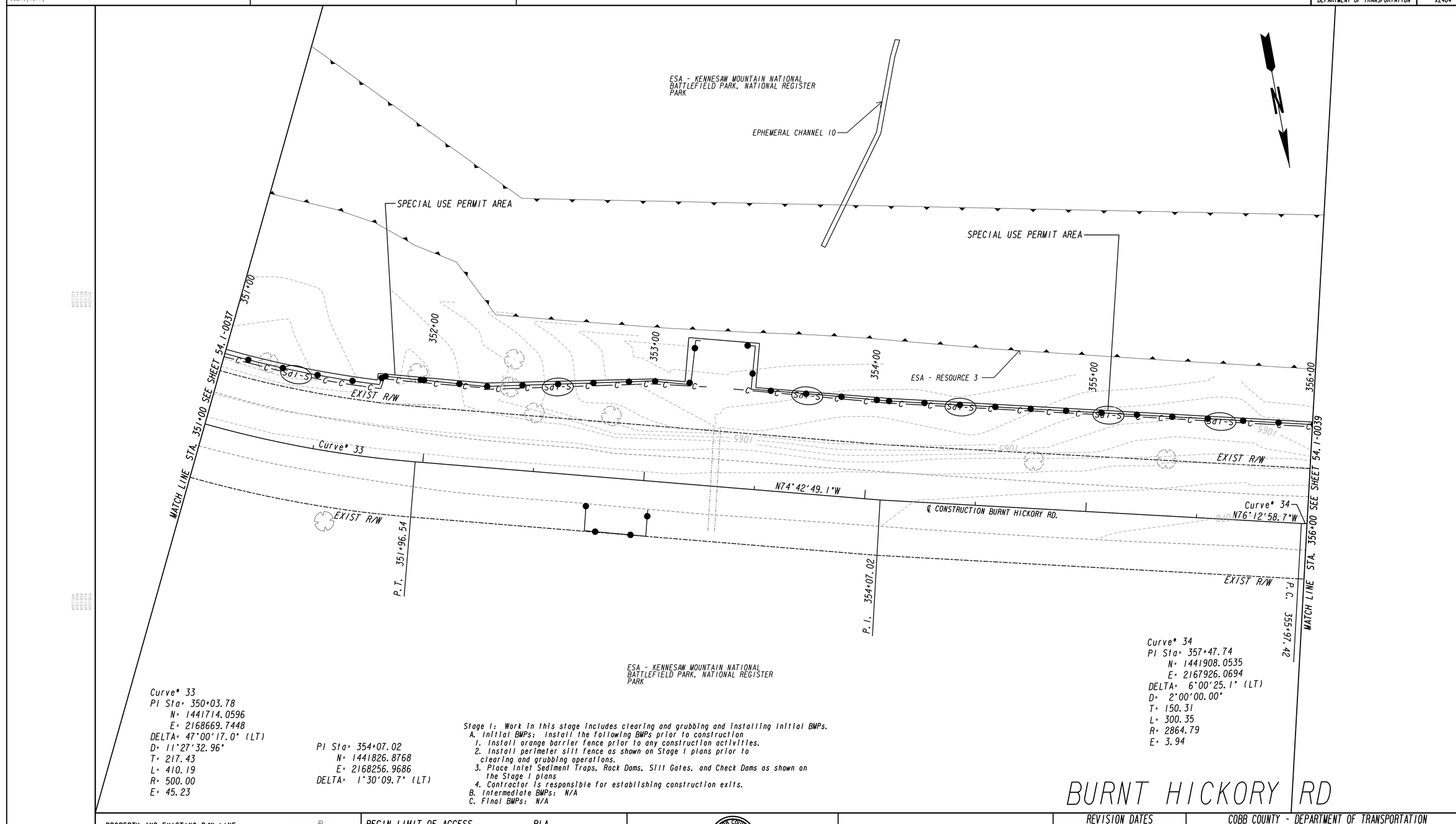
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0037

7/31/2015 GPLN



Curve# 33
PI Sta= 350+03.78
N= 1441714.0596
E= 2168669.7448
DELTA= 47°00'17.0" (LT)
D= 11°27'32.96"
T= 217.43
L= 410.19
R= 500.00
E= 45.23

PI Sta= 354+07.02
N= 1441826.8768
E= 2168256.9686
DELTA= 1°30'09.7" (LT)

Curve# 34
PI Sta= 357+47.74
N= 1441908.0535
E= 2167926.0694
DELTA= 6°00'25.1" (LT)
D= 2°00'00.00"
T= 150.31
L= 300.35
R= 2864.79
E= 3.94

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0038

7/31/2015 GPLN

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

ESA - RESOURCE 3

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 2

SPECIAL USE PERMIT AREA

P.T. 500+13.09

P.C. 500+09.63

356+00 357+00 358+00 359+00 360+00 361+00

500+00

EXIST R/W

EXIST R/W @ TRAIL ALIGNMENT 2

N82°53'18.8"W

N82°13'23.8"W

Curve° 34

℄ CONSTRUCTION BURNT HICKORY RD.

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

MATCH LINE STA. 356+00 SEE SHEET 54.1-0038

MATCH LINE STA. 361+50 SEE SHEET 54.1-0040

P.T. 358+97.77

BEGIN TRAIL ALIGNMENT
STA 500+00.00
STA 360+83.01 CHEATHAM HILL RD
16.16' LT
N 1441937.4465
E 2167591.4177

Curve° 34
PI Sta° 357+47.74
N° 1441908.0535
E° 2167926.0694
DELTA° 6°00'25.1" (LT)
D° 2°00'00.00"
T° 150.31
L° 300.35
R° 2864.79
E° 3.94

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 1 - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
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DRAWING No.
54.1-0039

7/31/2015 GPLN

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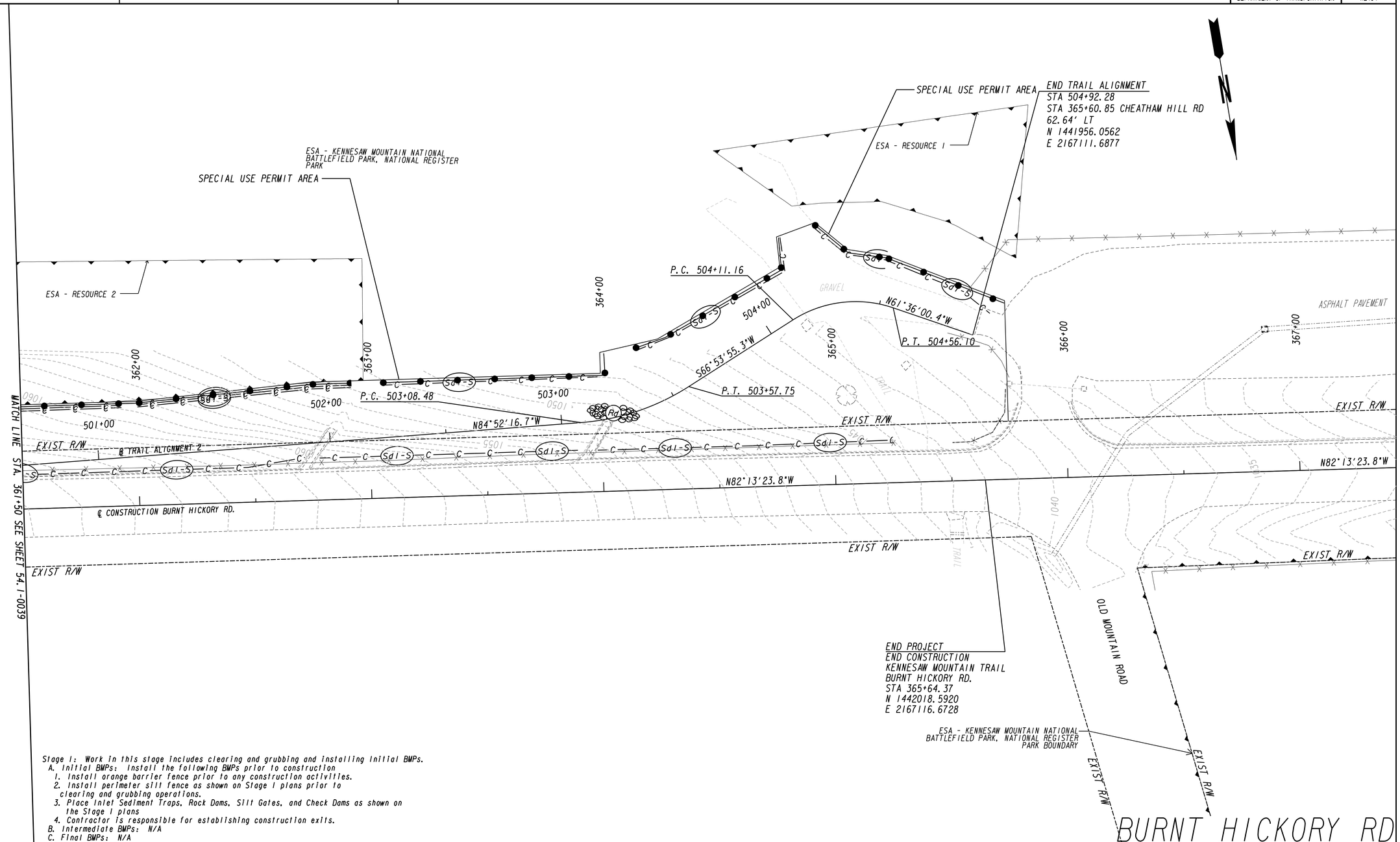
USER:jkelly
COBB COUNTY DEPARTMENT OF TRANSPORTATION
Project No. X2404



Stage I: Work in this stage includes clearing and grubbing and installing Initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence prior to any construction activities.
2. Install perimeter silt fence as shown on Stage I plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps, Rock Dams, Silt Gates, and Check Dams as shown on the Stage I plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

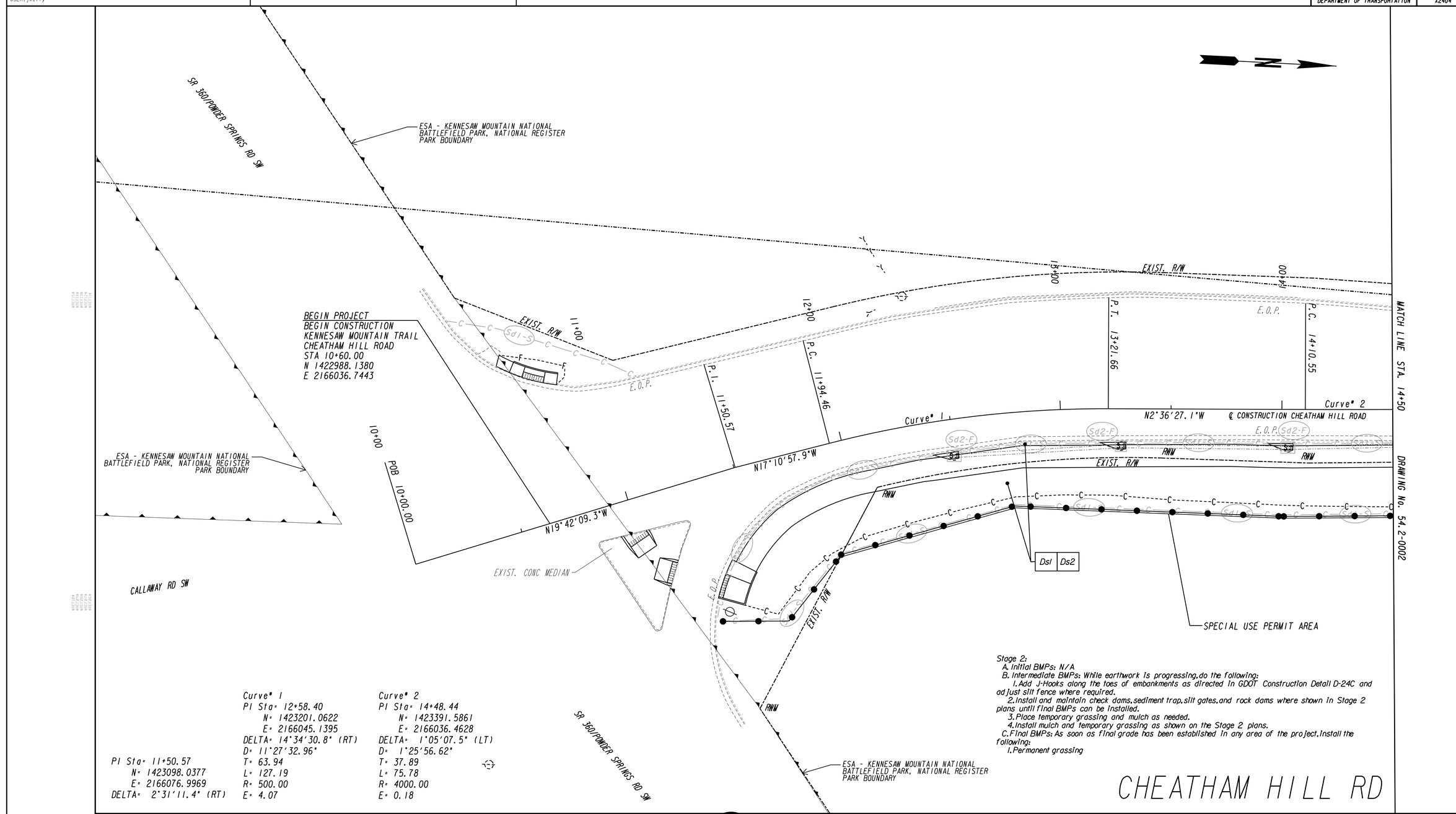
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE I - INITIAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.1-0040

7/31/2015 GPLN



PI Sta= 11+50.57
N= 1423098.0377
E= 2166076.9969
DELTA= 2°31'11.4" (RT)

Curve° 1
PI Sta= 12+58.40
N= 1423201.0622
E= 2166045.1395
DELTA= 14°34'30.8" (RT)
D= 11°27'32.96"
T= 63.94
L= 127.19
R= 500.00
E= 4.07

Curve° 2
PI Sta= 14+48.44
N= 1423391.5861
E= 2166036.4628
DELTA= 1°05'07.5" (LT)
D= 1°25'56.62"
T= 37.89
L= 75.78
R= 4000.00
E= 0.18

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
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VERIFIED:		DATE:	

DRAWING No. 54.2-0001

7/31/2015 GPLN

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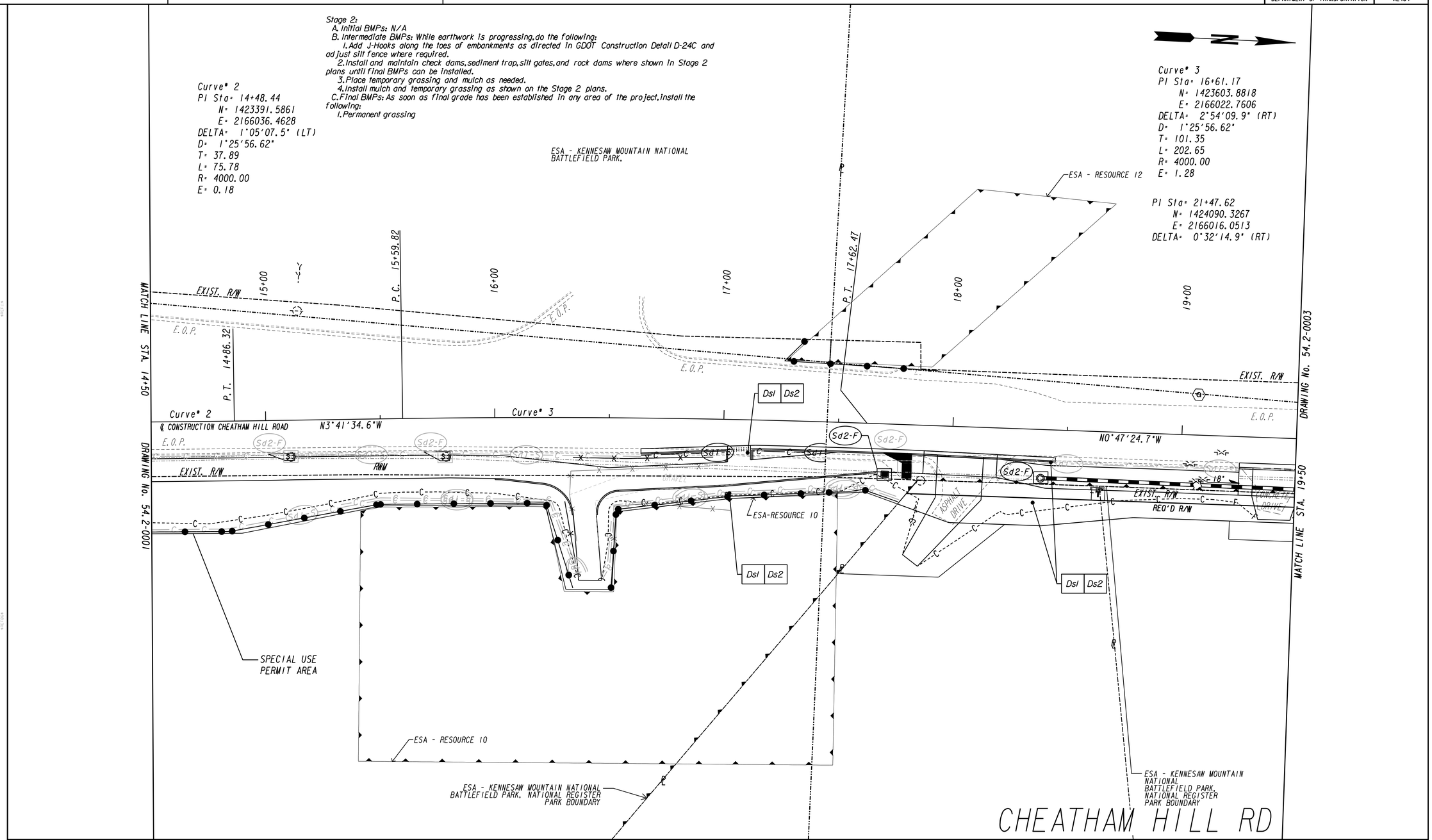
USER:jkelly
COBB COUNTY DEPARTMENT OF TRANSPORTATION
Project No. X2404

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	—C— —F—
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.2-0002

7/31/2015 GPLN

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 2

20+00 21+00 P.I. 21+47.62 22+00 23+00 24+00

DRAWING No. 54.2-0002

DRAWING No. 54.2-0004

EXIST. R/W

E.O.P.

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°47'24.7"W

N0°15'09.8"W

Sd2-F

Sd1-S

18"

24"

REQ'D R/W

Rp

ASPHALT DRIVE

Ds1 Ds2

MATCH LINE STA. 19+50

MATCH LINE STA. 24+50

TEMP EASM'T 1
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

TEMP EASM'T 2

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

WETLAND 1

INTERMITTENT STREAM 2

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
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7/31/2015 GPLN

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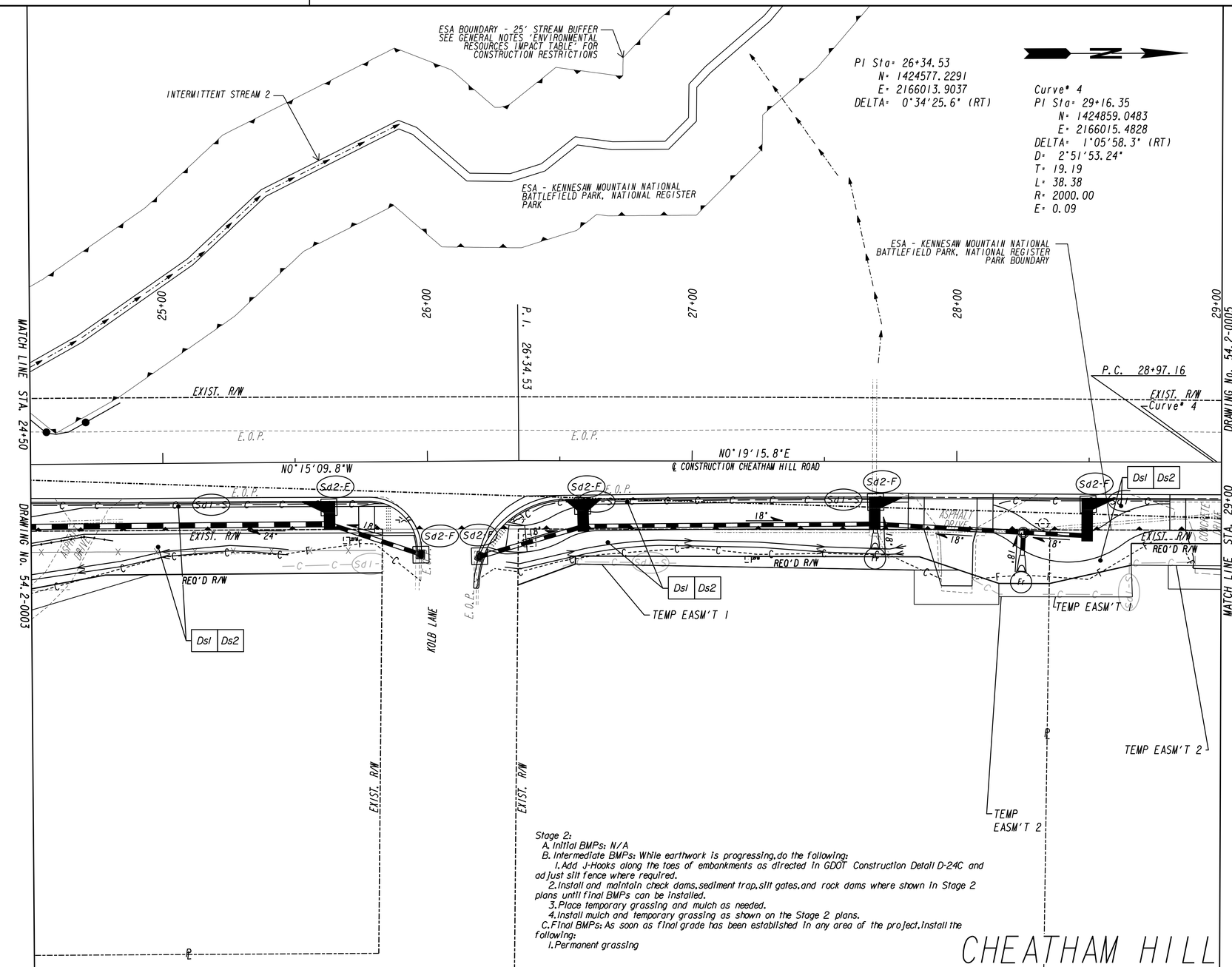
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	— C — F —
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
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VERIFIED:		DATE:	

DRAWING No.
54.2-0004

7/31/2015 GPLN

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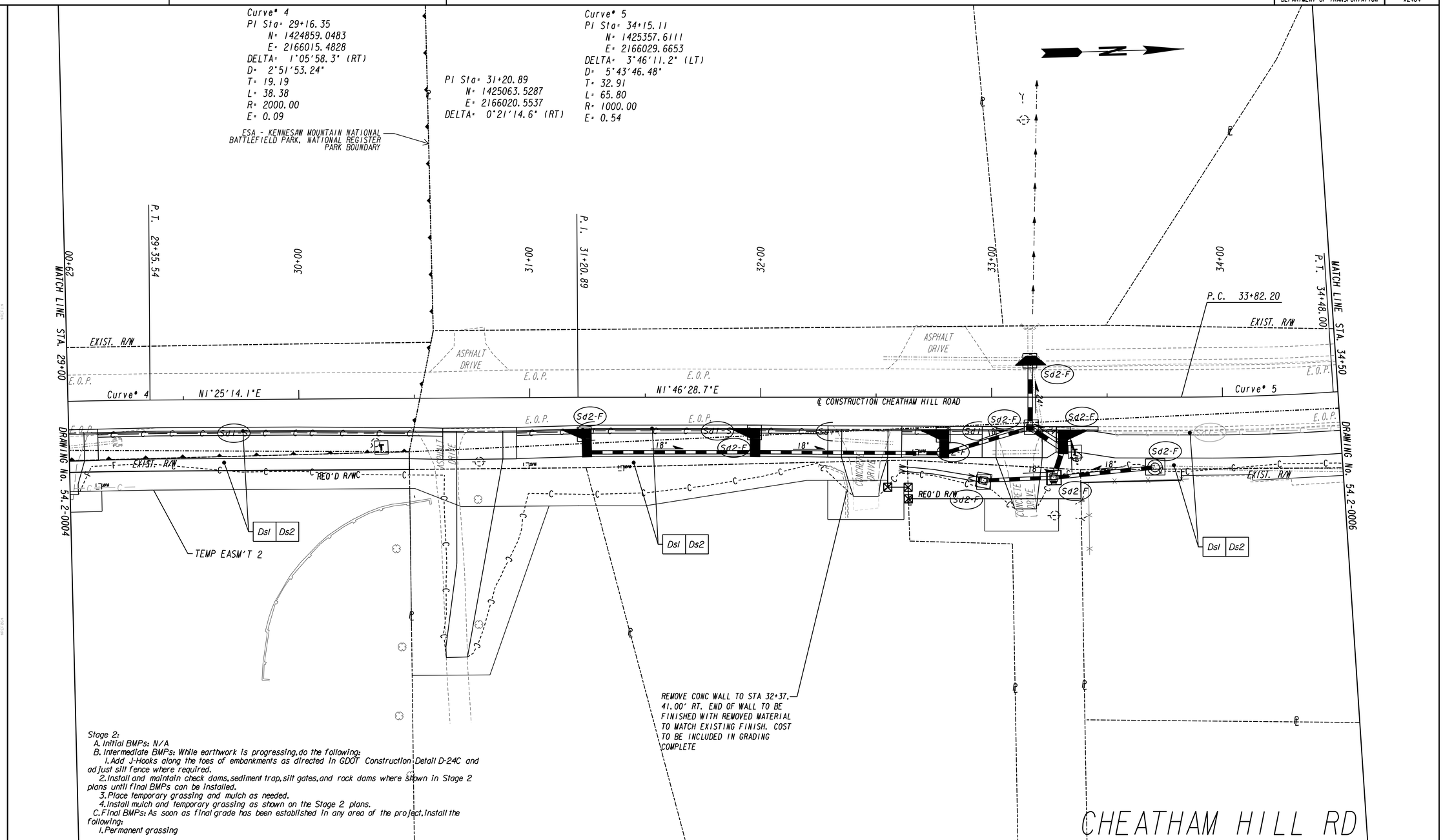
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.2-0005

7/31/2015 GPLN

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USER:jkelly

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
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C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

MATCH LINE STA. 34+50

DRAWING No. 54.2-0005

EXIST. R/W

E.O.P.

N11°59'42.5"W

@ CONSTRUCTION CHEATHAM HILL ROAD

Curve° 6

P.C. 34+75.54

35+00

P.C.C. 35+86.69

36+00

N24°50'49.2"W

P.C.C. 36+78.18

37+00

Curve° 7

Curve° 7
PI Sta= 36+32.99
N= 1425567.4406
E= 2165982.4772
DELTA= 21°44'57.2" (LT)
D= 23°46'27.06"
T= 46.30
L= 91.48
R= 241.00
E= 4.41

Curve° 8
PI Sta= 37+52.80
N= 1425650.5326
E= 2165894.6215
DELTA= 25°08'07.9" (LT)
D= 17°06'59.41"
T= 74.63
L= 146.85
R= 334.74
E= 8.22

38+00

N46°35'46.3"W

P.C. 38+37.21

P.T. 38+25.03

N71°43'54.2"W

Curve° 9

MATCH LINE STA. 39+00

DRAWING No. 54.2-0007

Ds1 | Ds2

TEMP EASM'T 1

TEMP EASM'T 2

LIVINGSTON DRIVE

Curve° 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

Curve° 6
PI Sta= 35+31.87
N= 1425474.3155
E= 2166025.5998
DELTA= 22°51'06.6" (LT)
D= 20°33'32.27"
T= 56.32
L= 111.15
R= 278.69
E= 5.63

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

		DATE:	
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.2-0006

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

Curve° 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

DRAWING No. 54.2-0006

MATCH LINE STA. 39+00

39+00 | 40+00 | P.T. 40+35.75 | 41+00 | 42+00 | 43+00

EXIST. R/W

E.O.P.

Curve° 9

℄ CONSTRUCTION CHEATHAM HILL ROAD

N75°31'24.8"W

Sdi-S

T

Ds1 | Ds2

DRAWING No. 54.2-0008

MATCH LINE STA. 43+50

CHEATHAM HILL RD

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0007

7/31/2015 GPLN

8/6/2020 5:05:18 PM | $PRF8$ | J:\2017030\0015279\DGN\0015279_54.2-0008_1CH).dgn | COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

USER:jkelly

Curve° 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15"
T= 78.28
L= 155.70
R= 605.91
E= 5.04

TANNAGER BRIDGE COURT

EXIST. R/W

44+00

45+00

46+00

P.C. 46+19.90

47+00

MATCH LINE STA. 43+50

DRAWING No. 54.2-0009

EXIST. R/W

E.O.P.

℄ CONSTRUCTION CHEATHAM HILL ROAD N75°31'24.8"W

Curve° 10

Ds1 Ds2

LIVINGSTON DRIVE

TEMP EASM'T 1

MATCH LINE STA. 47+50

WETLAND 3

CHEATHAM HILL RD

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24G and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.2-0008

7/31/2015 GPLN

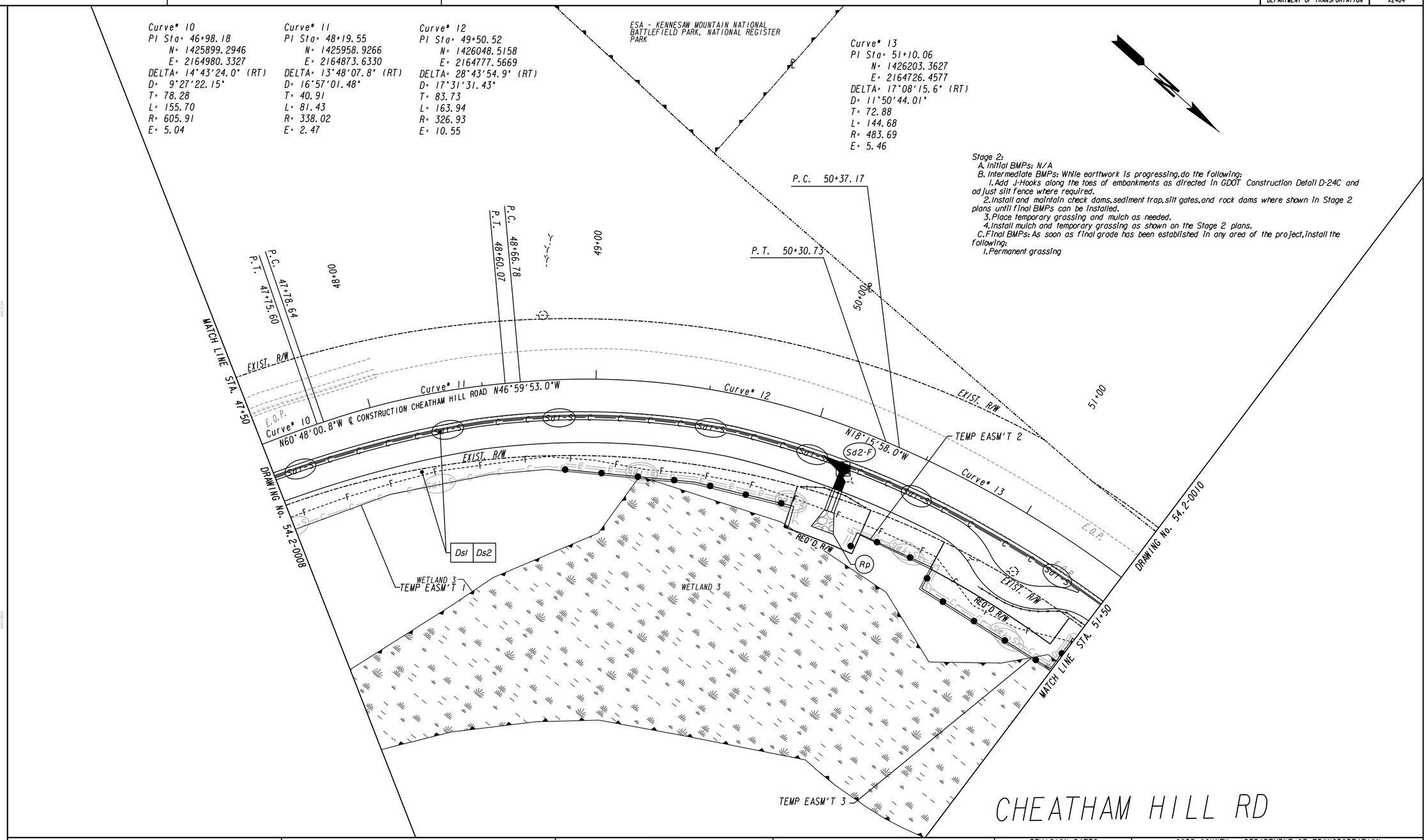
Curve# 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15"
T= 78.28
L= 155.70
R= 605.91
E= 5.04

Curve# 11
PI Sta= 48+19.55
N= 1425958.9266
E= 2164873.6330
DELTA= 13°48'07.8" (RT)
D= 16°57'01.48"
T= 40.91
L= 81.43
R= 338.02
E= 2.47

Curve# 12
PI Sta= 49+50.52
N= 1426048.5158
E= 2164777.5669
DELTA= 28°43'54.9" (RT)
D= 17°31'31.43"
T= 83.73
L= 163.94
R= 326.93
E= 10.55

Curve# 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0009

7/31/2015 GPLN

8/6/2020 5:05:29 PM $PRF8$ J:\2017030\0015279\DGN\0015279_54.2-0010_1CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

Curve# 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

PI Sta= 53+26.41
N= 1426420.7589
E= 2164722.1755
DELTA= 1°21'02.1" (RT)

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project. Install the following:
1. Permanent grassing

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PERENNIAL STREAM 4 WARD CREEK

20' SANITARY SEWER ESM'T

WATCH LINE STA. 51+50

DRAWING No. 54.2-0009

DRAWING No. 54.2-0011

MATCH LINE STA. 56+50

P.T. 51+81.85

P.I. 53+26.41

52+00 53+00 54+00 55+00 56+00

EXIST. R/W

GUARDRAIL

E.O.P.

BRIDGE

N0°13'19.6"E

N1°07'42.5"W

Curve# 13

TEMP ESM'T 3

Sd2-F

8'

CONCRETE SIDEWALK

5'

EXIST. R/W

REQ'D R/W

NO ACCESS BUFFER & LANDSCAPE ESM'T

℄ CONSTRUCTION CHEATHAM HILL ROAD

Sd1-S

Dsl | Ds2

Rp

WETLAND 3

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PERENNIAL STREAM 4 WARD CREEK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS

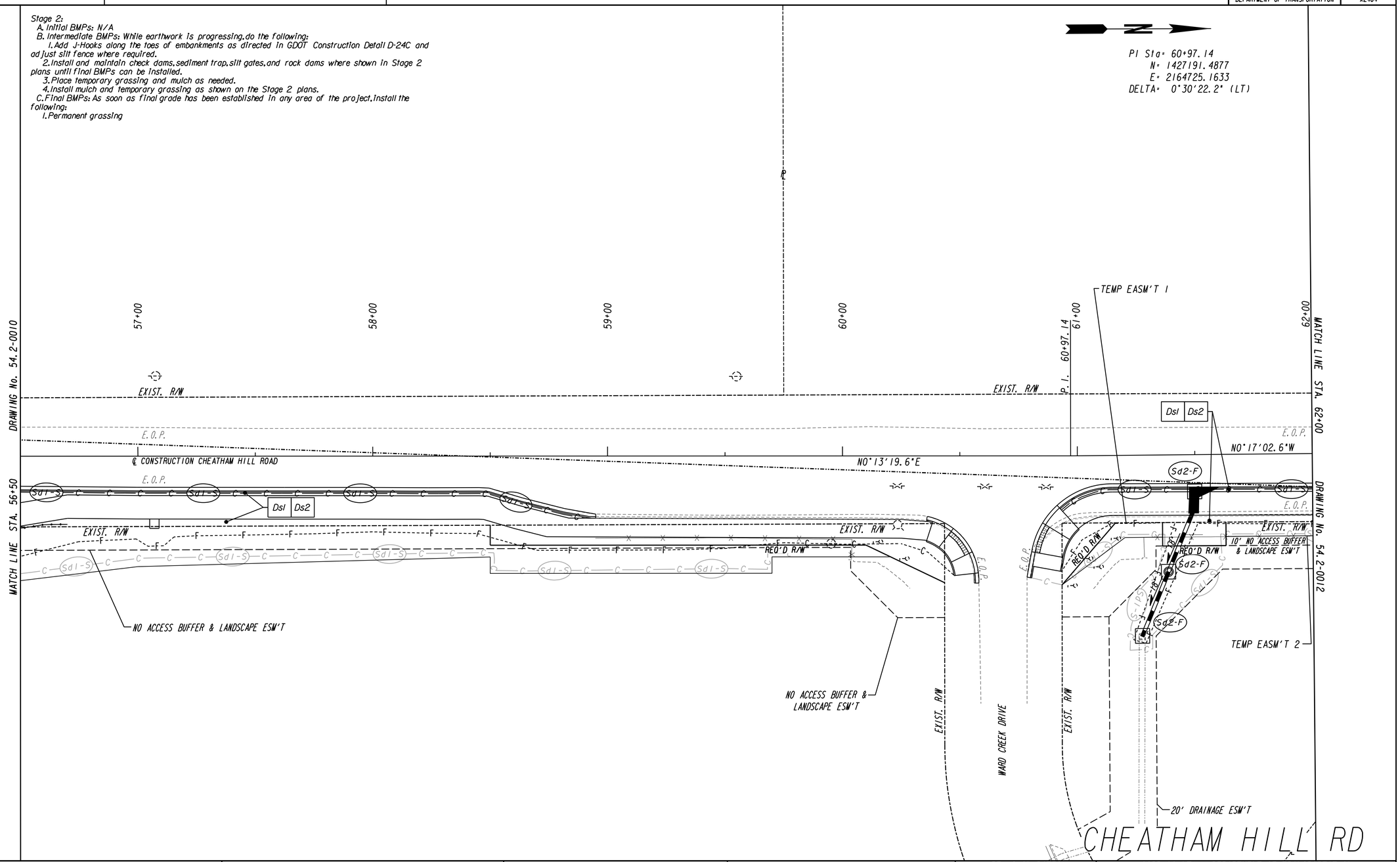
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0010

7/31/2015 GPLN

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

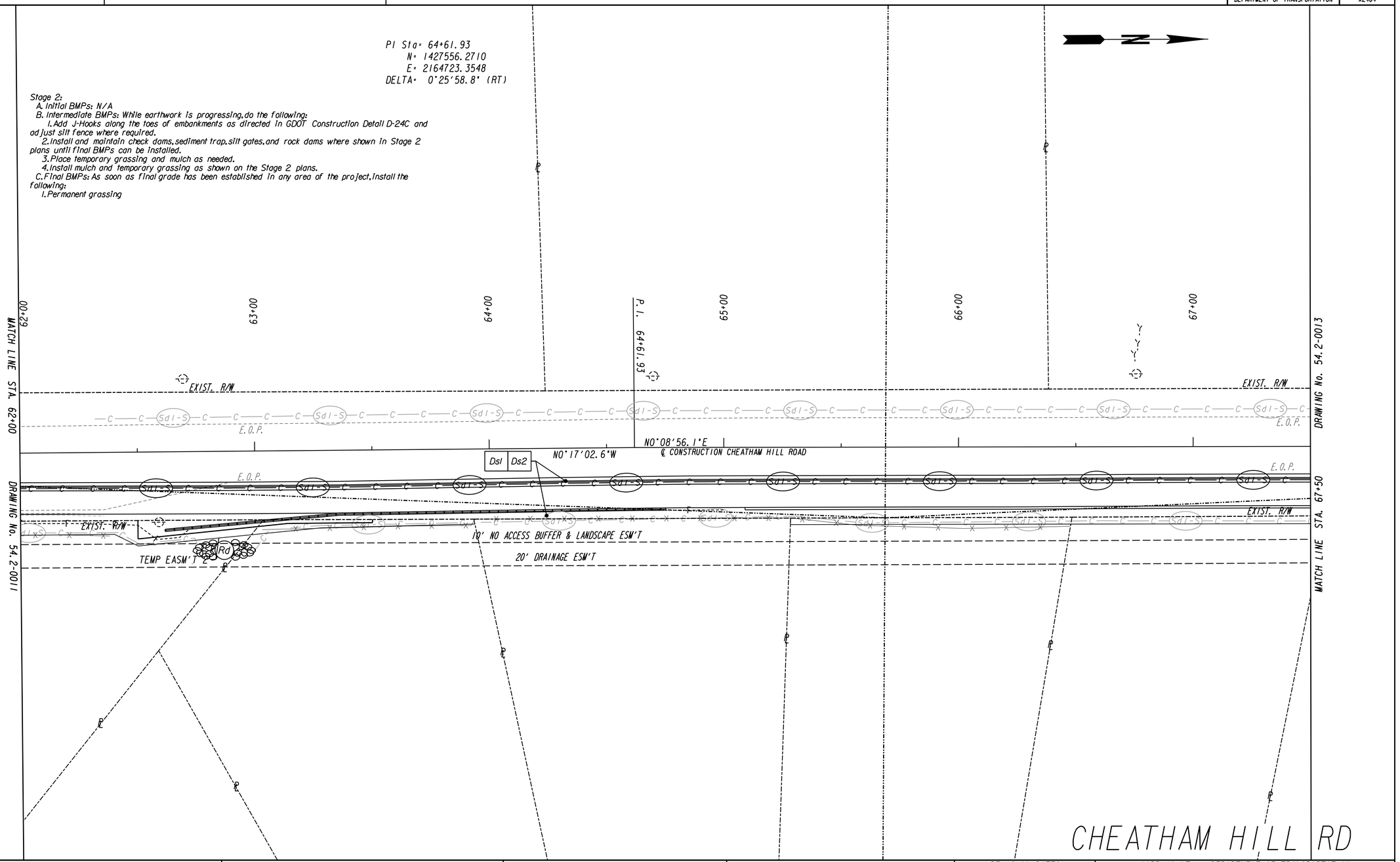
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	54.2-0011
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN

PI Sta= 64+61.93
N= 1427556.2710
E= 2164723.3548
DELTA= 0°25'58.8" (RT)

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing



PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	--C--F--
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
LIMIT OF ACCESS	ooo—ooo
REQ'D R/W & LIMIT OF ACCESS	III—III
ORANGE BARRIER FENCE	●—●
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	▼

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

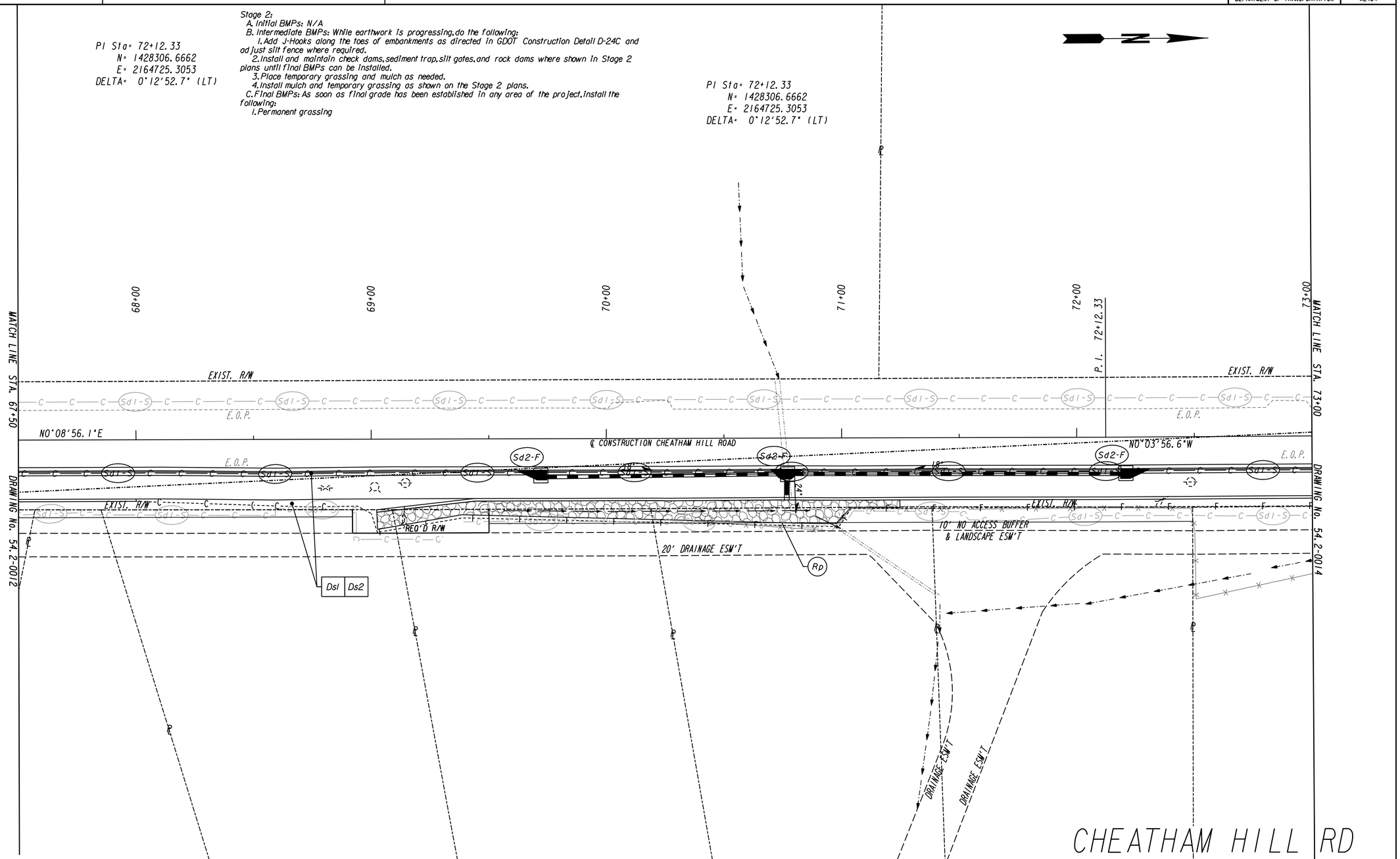
DRAWING No. 54.2-0012

7/31/2015 GPLN

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

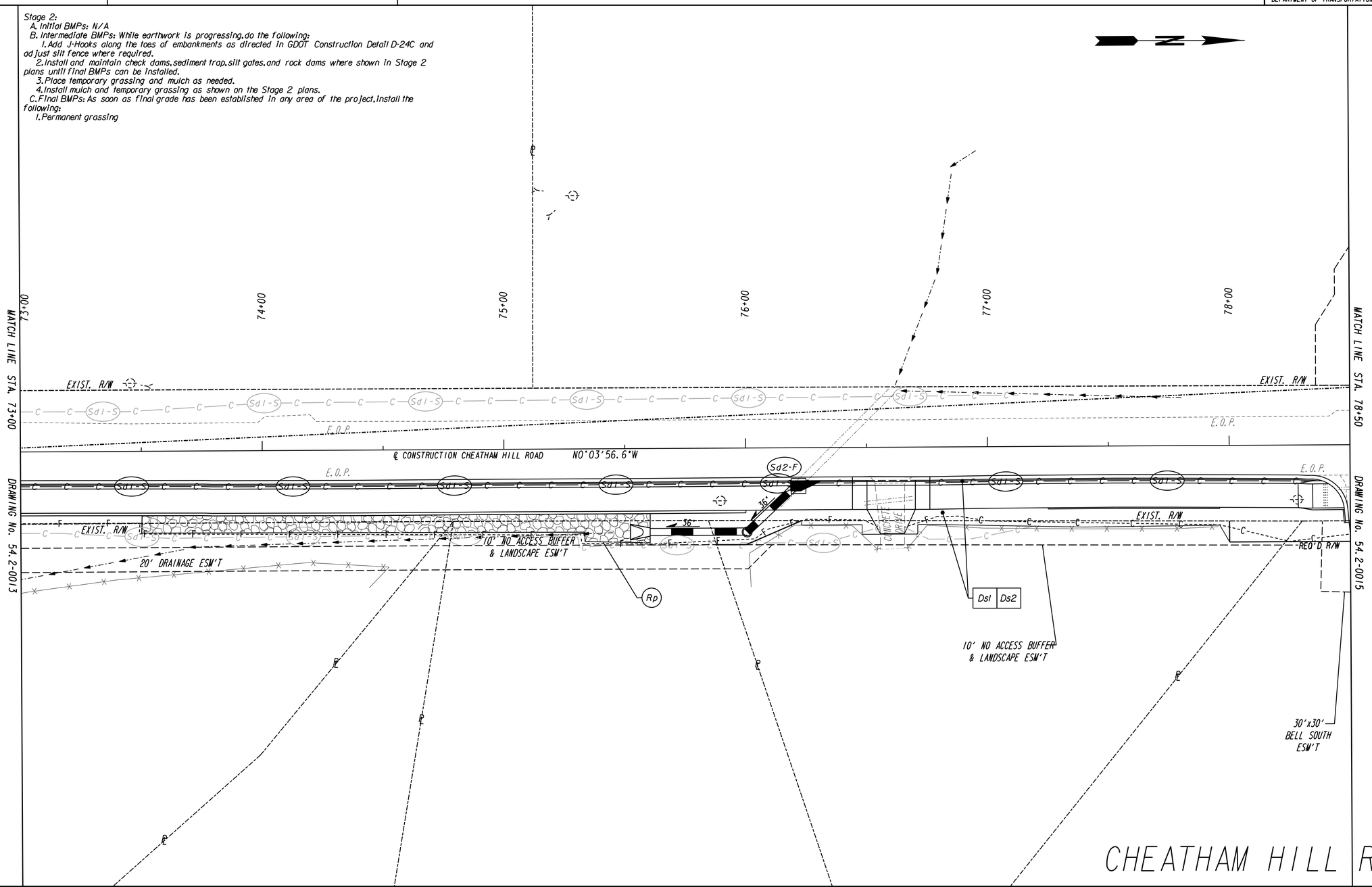
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0013

7/31/2015 GPLN

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

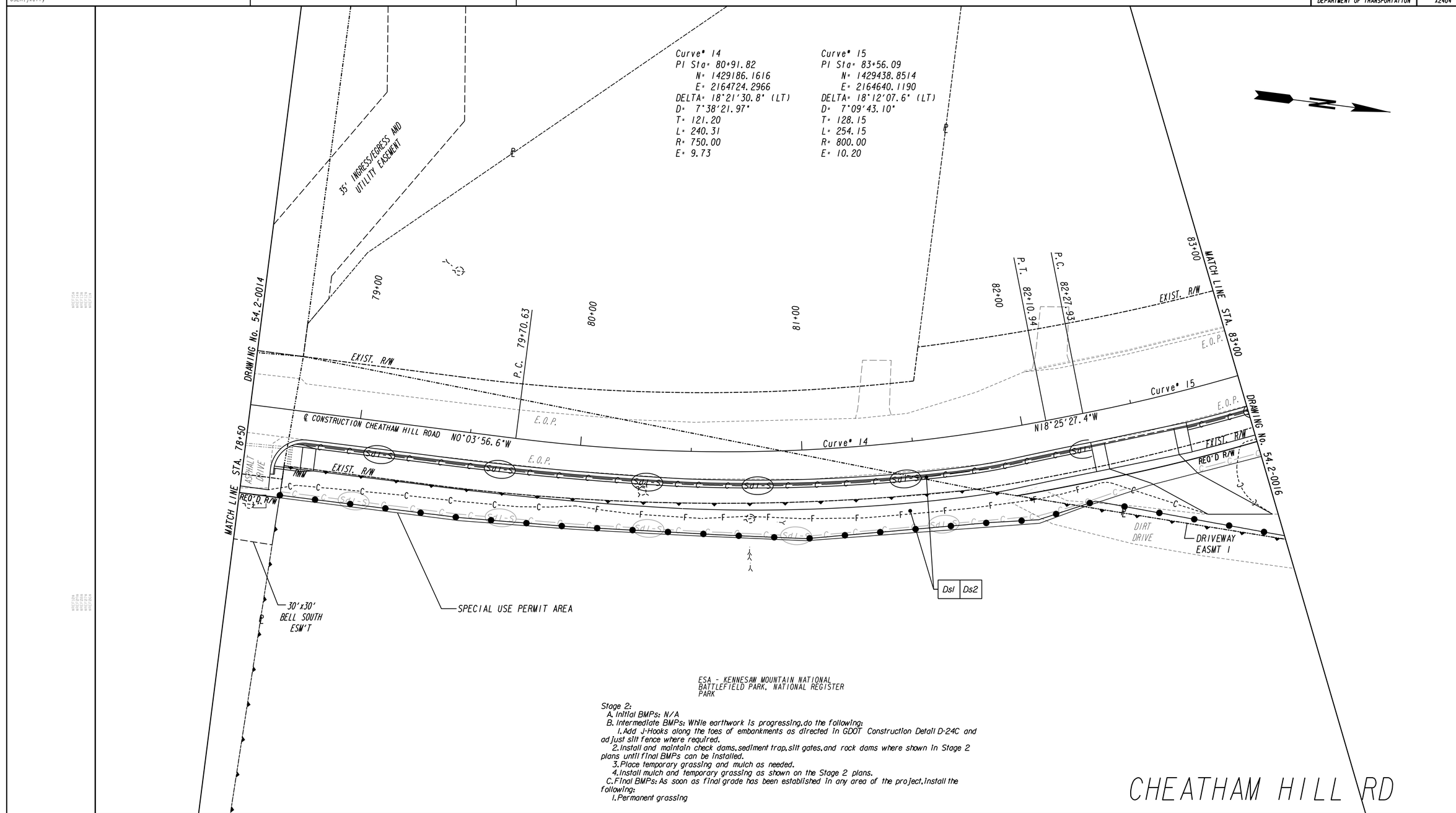
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0014

7/31/2015 GPLN

8/6/2020 5:05:57 PM USER:jkelly	$PRF8$	J:\2017030\0015279\DGN\0015279_54.2-0015_(CH).dgn	COBB COUNTY DEPARTMENT OF TRANSPORTATION	Project No. X2404



ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.2-0015

7/31/2015 GPLN

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USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X240-4

Curve* 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

PI Sta= 85+71.90
N= 1429613.7869
E= 2164510.0754
DELTA= 2°11'22.1" (LT)

DRAWING No. 54.2-0015

MATCH LINE STA. 83+00

MATCH LINE STA. 88+00

DRAWING No. 54.2-0017

83+00 84+00 P.T. 84+82.08 85+00 EXIST. R/W CAVAN DRIVE 86+00 EXIST. R/W P.I. 85+71.90 87+00 88+00

EXIST. R/W

E.O.P.

Curve* 15

N36°37'35.0"W

℄ CONSTRUCTION CHEATHAM HILL ROAD N38°48'57.1"W

Sd2-F

24"

REQ'D R/W

CONCRETE DRIVE

ASPHALT DRIVE

Rp

Dsl | Ds2

DRIVEWAY EASMT 2

DRIVEWAY EASM'T 1

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0016

7/31/2015 GPLN

8/6/2020 5:06:08 PM
USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Curve# 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

88+00
MATCH LINE STA. 88+00
88+08
90+00
P.C. 90+29.72
90+76
92+00
93+00
MATCH LINE STA. 93+00
DRAWING No. 54.2-0018
DRAWING No. 54.2-0016
EXIST. R/W
E.O.P.
Curve# 16
℄ CONSTRUCTION CHEATHAM HILL ROAD N38°48'57.1"W
Sd2-F
Sd1-S
Sd1
24'
18'
REQ'D R/W
ASP. DRIVE
CONCRETE DRIVE
Ds1
Ds2
DRIVEWAY EASM'T 2

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0017

7/31/2015 GPLN

Curve# 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

Curve# 17
PI Sta= 98+69.64
N= 1430722.4602
E= 2163856.7257
DELTA= 4°03'59.3" (RT)
D= 1°38'13.28"
T= 124.26
L= 248.41
R= 3500.00
E= 2.20

PI Sta= 95+59.41
N= 1430434.9467
E= 2163973.2436
DELTA= 0°42'17.9" (RT)

Curve# 35
PI Sta= 485+97.43
N= 1430544.17
E= 2163945.48
DELTA= 12°23'40.8" (RT)
D= 95°29'34.68"
T= 6.52
L= 12.98
R= 60.00
E= 0.35

Curve# 36
PI Sta= 486+38.97
N= 1430585.13
E= 2163938.24
DELTA= 9°33'57.1" (RT)
D=143°14'22.02"
T= 3.35
L= 6.68
R= 40.00
E= 0.14

Curve# 37
PI Sta= 486+65.53
N= 1430611.70
E= 2163938.02
DELTA= 20°38'33.8" (LT)
D= 76°23'39.74"
T= 13.66
L= 27.02
R= 75.00
E= 1.23

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EXISTING:
AGL R/W UNK WIDTH
THROUGH NATIONAL PARK

BEGIN TRAIL ALIGNMENT
STA 485+90.91 =
STA 96+64.56 CHEATHAM HILL RD
15.33' RT
N 1430538.1521
E 2163947.9628

MATCH LINE STA. 93+00
DRAWING No. 54.2-0017
MATCH LINE STA. 98+50
DRAWING No. 54.2-0019
P.T. 93+93.89
P.I. 95+59.41
P.C. 97+45.39
EXIST. R/W
REQ'D R/W
ASPHALT DRIVE
E.O.P.
COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
℄ CONSTRUCTION CHEATHAM HILL ROAD
℄ KENNESAW MOUNTAIN TRAIL
Curve# 16
Curve# 17
Curve# 35
Curve# 36
Curve# 37
N22°45'56.8"W
N22°25'21.4"W
N22°03'38.8"W
N 10°01'40.5" W
N 21°06'17.2" W
N 0°27'43.4" W
Dsl | Ds2
SPECIAL USE PERMIT AREA
ESA - RESOURCE 9
93+00
94+00
95+00
96+00
97+00
98+00
486+00
487+00

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
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4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0018

7/31/2015 GPLN

Curve° 17
PI Sta: 98+69.64
N: 1430722.4602
E: 2163856.7257
DELTA: 4°03'59.3" (RT)
D: 1°38'13.28"
T: 124.26
L: 248.41
R: 3500.00
E: 2.20

Curve° 38
PI Sta: 487+93.47
N: 1430731.34
E: 2163891.85
DELTA: 3°19'21.9" (RT)
D: 28°38'52.40"
T: 5.80
L: 11.60
R: 200.00
E: 0.08

Curve° 39
PI Sta: 491+99.22
N: 1431117.71
E: 2163767.93
DELTA: 2°48'09.9" (LT)
D: 28°38'52.40"
T: 4.89
L: 9.78
R: 200.00
E: 0.06

Curve° 40
PI Sta: 493+02.57
N: 1431214.46
E: 2163731.59
DELTA: 3°15'08.4" (RT)
D: 28°38'52.40"
T: 5.68
L: 11.35
R: 200.00
E: 0.08

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EXISTING: AGL R/W UNK WIDTH THROUGH NATIONAL PARK

MATCH LINE STA. 98+50

99+00 | 100+00 | 101+00 | 102+00 | 103+00 | 104+00

P.T. 99+93.79

P.T. 101+98.18

EXIST. R/W ASPHALT DRIVE

E.O.P.

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

EXIST. R/W

Curve° 17

℄ CONSTRUCTION CHEATHAM HILL ROAD

N17°59'39.5"W

N17°19'11.5"W

DRAWING No. 54.2-0020

DRAWING No. 54.2-0018

488+00 | 489+00 | 490+00 | 491+00 | 492+00 | 493+00

Ds1 | Ds2

C&Fs

15'

℄ KENNESAW MOUNTAIN TRAIL

N 17°46'55.3" W

N 20°35'05.2" W

MATCH LINE STA. 104+00

Curve° 38

N 21°06'17.2" W

Rp

Curve° 39

Curve° 40

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Stage 2:
A. Initial BMPs: N/A
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1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
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CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0019

7/31/2015 GPLN

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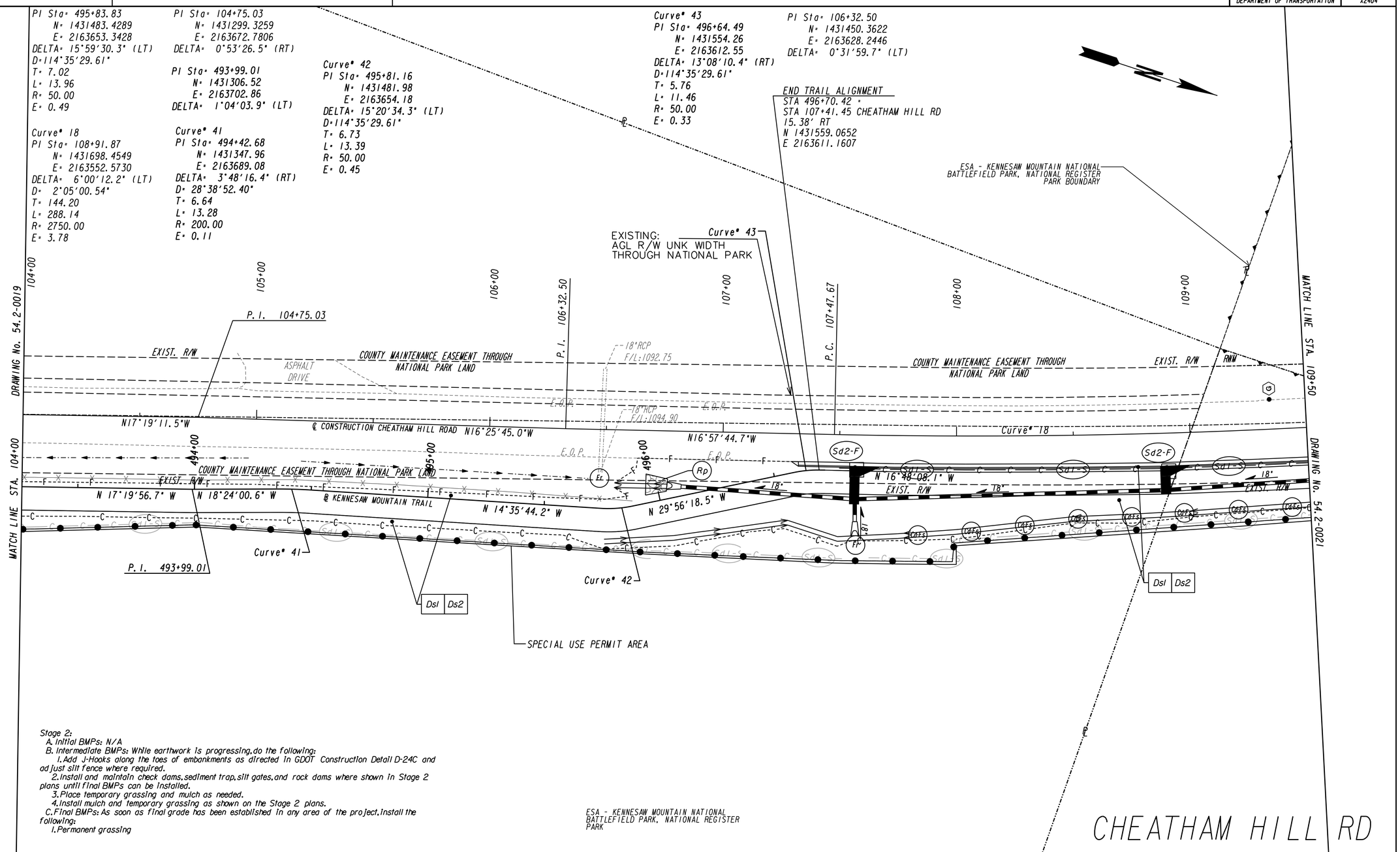
USER:jkelly
COBB COUNTY DEPARTMENT OF TRANSPORTATION
Project No. X2404



Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
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3. Place temporary grassing and mulch as needed.
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1. Permanent grassing

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.2-0020

7/31/2015 GPLN

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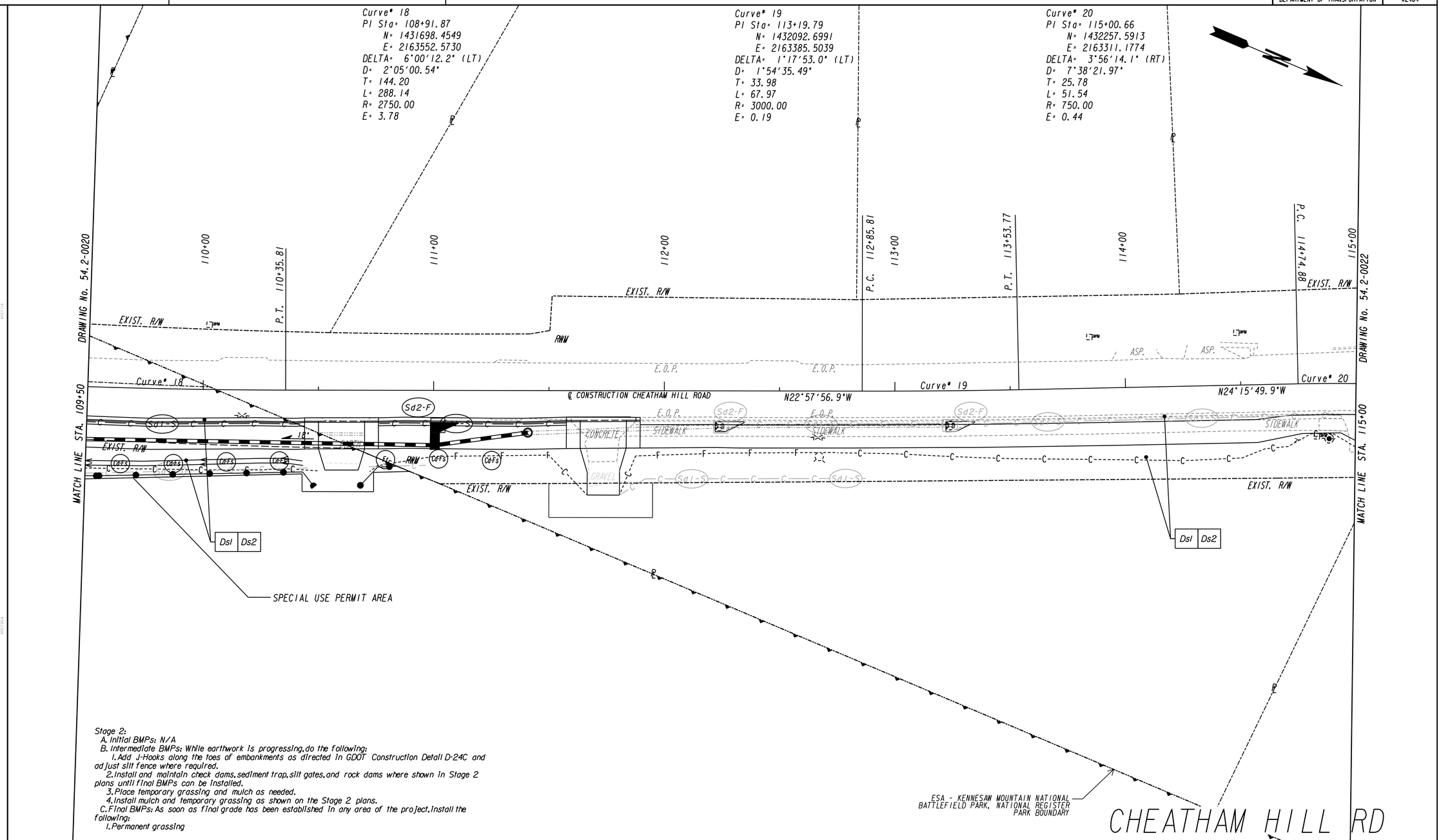
USER:jkelly

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
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C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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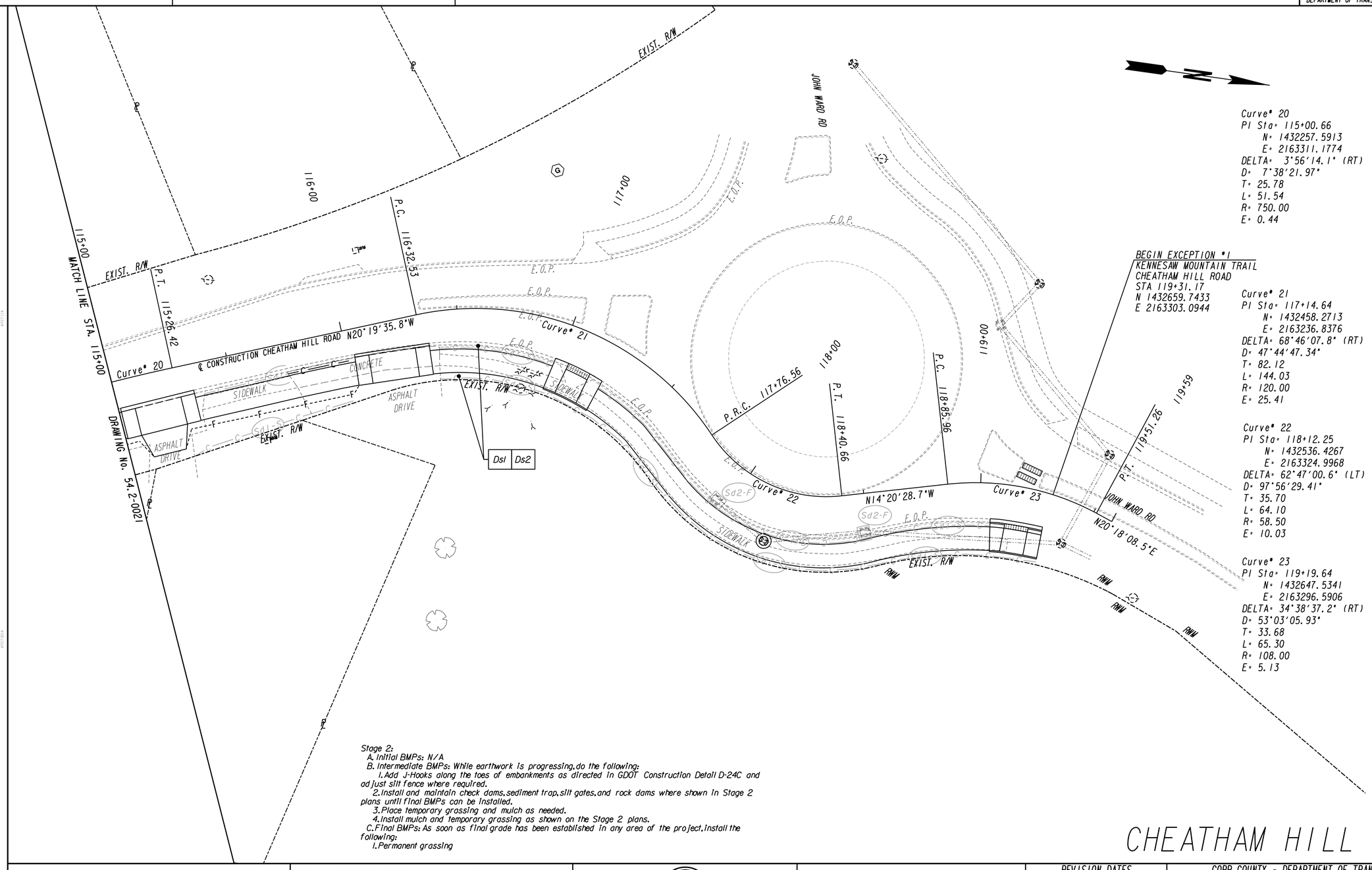
DRAWING No.
54.2-0021

7/31/2015 GPLN



Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
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4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0022

7/31/2015 GPLN

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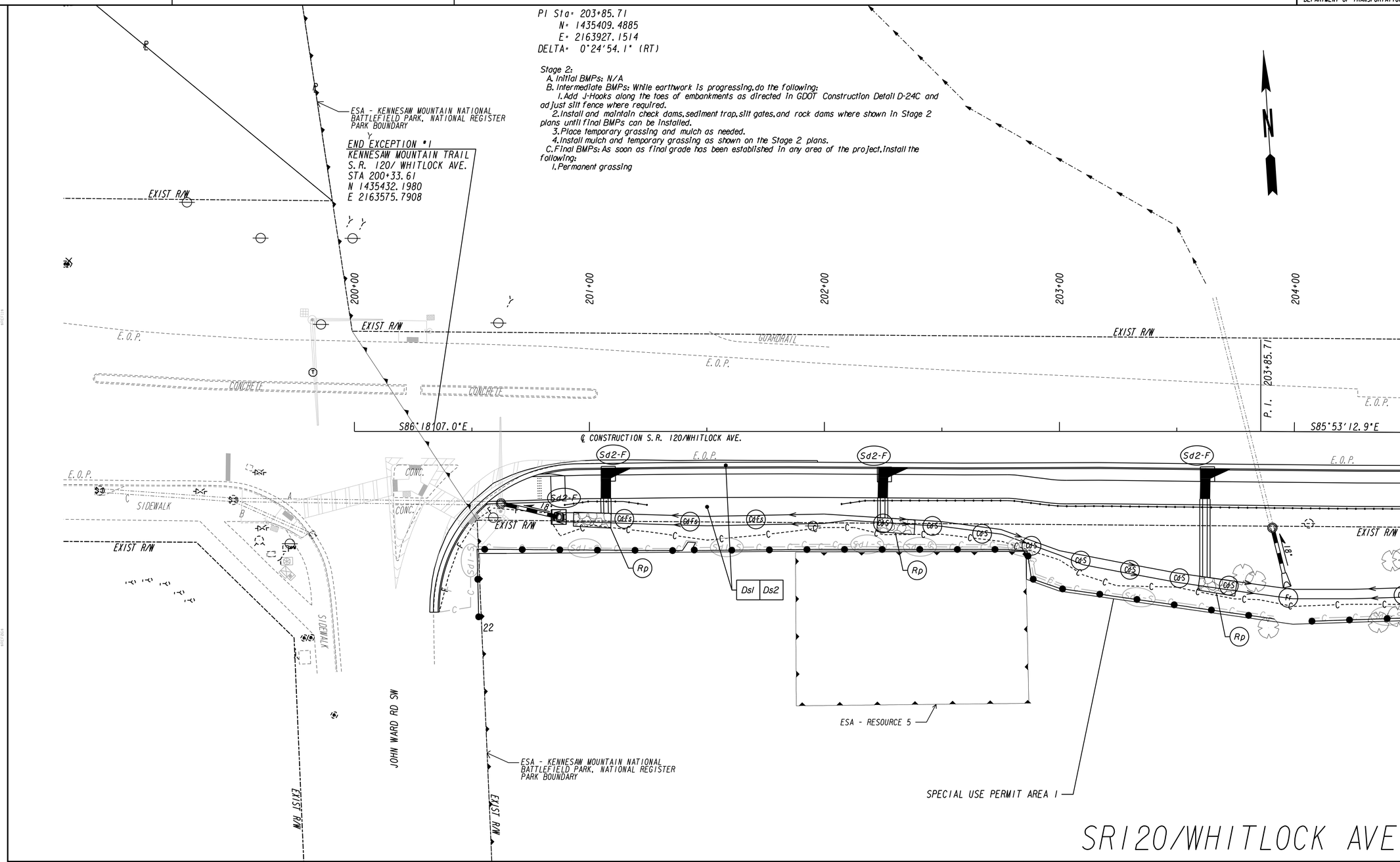
USER: jlemmings

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

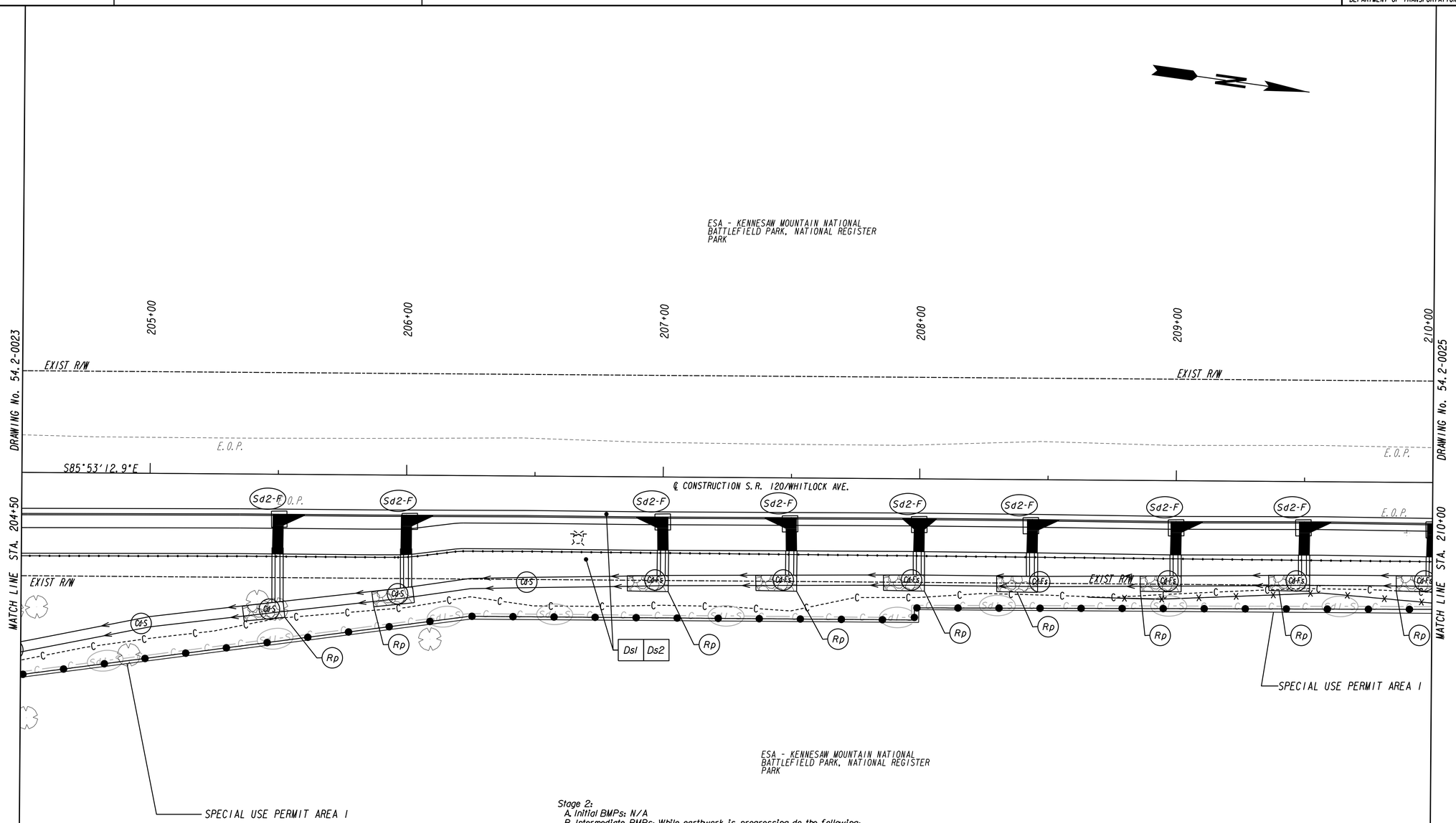
BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.2-0023

7/31/2015 GPLN



Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

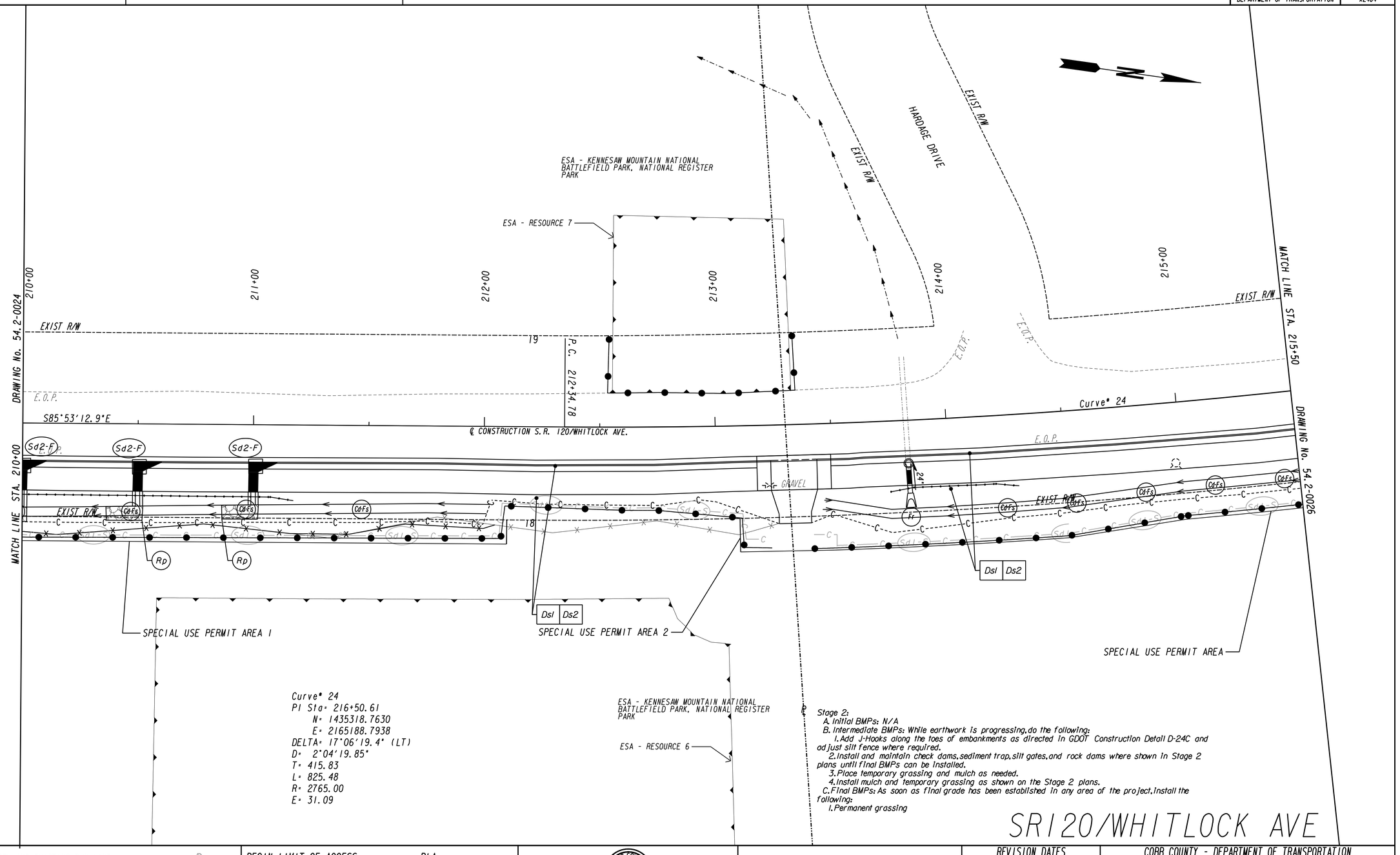
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.2-0024

7/31/2015 GPLN

1/14/2021 3:33:33 PM USER:jlemmings	$PRF8$	J:\2017030\0015279\DGN\0015279_54.2-0025_(SR120).dgn	COBB COUNTY DEPARTMENT OF TRANSPORTATION	Project No. X2404



SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	54.2-0025
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN

8/6/2020 5:06:58 PM USER:jkelly	$PRF8$	J:\2017030\0015279\DGN\0015279_54.2-0026_(SR120).dgn	COBB COUNTY DEPARTMENT OF TRANSPORTATION	Project No. X2404

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

216+00 217+00 218+00 219+00 220+00

DRAWING No. 54.2-0025

MATCH LINE STA. 215+50

EXIST R/W

E.O.P.

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

Curve* 24

P.T. 220+60.26

N77°00'27.8"E

20

EXIST R/W

E.O.P.

E.O.P.

MATCH LINE STA. 221+00

DRAWING No. 54.2-0027

Cd-Fs Cd-S Sdl-S Ds1 Ds2

SPECIAL USE PERMIT AREA

Curve* 24
PI Sta= 216+50.61
N= 1435318.7630
E= 2165188.7938
DELTA= 17°06'19.4" (LT)
D= 2°04'19.85"
T= 415.83
L= 825.48
R= 2765.00
E= 31.09

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	— C — F —
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	ooo ooo
REQ'D R/W & LIMIT OF ACCESS	||| |||
ORANGE BARRIER FENCE	●——●
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	▼——▼

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		54.2-0026
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 11

BEGIN EXCEPTION #2
KENNESAW MOUNTAIN TRAIL
S.R. 120/ WHITLOCK AVE.
STA 225+38.10
N 1435519.6789
E 2166059.5911

MATCH LINE STA. 221+00

DRAWING No. 54.2-0026

221+00 222+00 223+00 224+00 225+00

EXIST R/W

N77°00'27.8"E

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

E.A.S.

E.O.P.

CONC.

SIDEWALK

CHEATHAM HILL DR

Sd2-F Cd-S Cd-Fs Rp Ds1 Ds2

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

ESA - RESOURCE 8

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0027

7/31/2015 GPLN

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Curve* 25
PI Sta= 300+43.75
N= 1437994.6673
E= 2171763.9385
DELTA= 29°14'43.5" (LT)
D= 22°55'05.92"
T= 65.23
L= 127.61
R= 250.00
E= 8.37

END EXCEPTION *2
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 300+12.23
N 1437962.9784
E 2171763.0912

EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
299+51
299+51.08
POB
299+78.52
P.C.
300+00
301+00
301+06.75
P.T.
302+00
303+00
304+00
MATCH LINE STA. 304+00
DRAWING No. 54.2-0029
SIDEWALK
BRICK PAVERS
N02°34'23.7"W
Curve* 25
N31°49'07.2"W
℄ CONSTRUCTION BURNT HICKORY RD.
WHITLOCK AVE / SR 120
BRICK PAVERS
EXIST R/W
SIDEWALK
EXIST R/W
TEMP EASM'T 1
TEMP EASM'T 2
Ds1 Ds2
Ds1 Ds2
Ds1 Ds2
Sd2-F
Sd1-S
RACETRAC MARKET
(BY OTHERS)
"EXISTING DETENTION POND"
BURNT HICKORY RD

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:
BACKCHECKED:		DATE:
CORRECTED:		DATE:
VERIFIED:		DATE:

DRAWING No. 54.2-0028

7/31/2015 GPLN

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USER:jkelly

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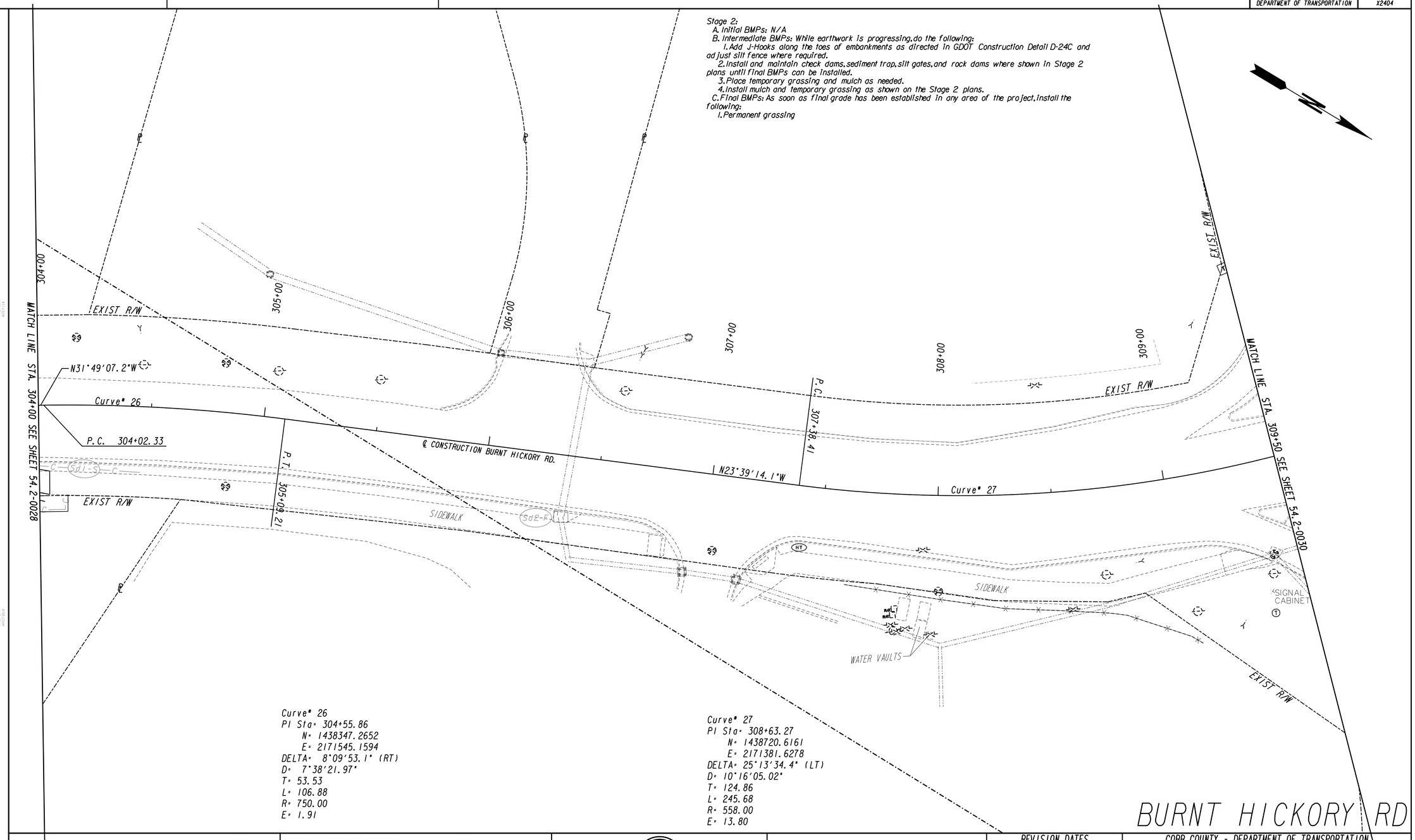
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing



Curve° 26
PI Sta: 304+55.86
N: 1438347.2652
E: 2171545.1594
DELTA: 8°09'53.1" (RT)
D: 7°38'21.97"
T: 53.53
L: 106.88
R: 750.00
E: 1.91

Curve° 27
PI Sta: 308+63.27
N: 1438720.6161
E: 2171381.6278
DELTA: 25°13'34.4" (LT)
D: 10°16'05.02"
T: 124.86
L: 245.68
R: 558.00
E: 13.80

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.2-0029

7/31/2015 GPLN

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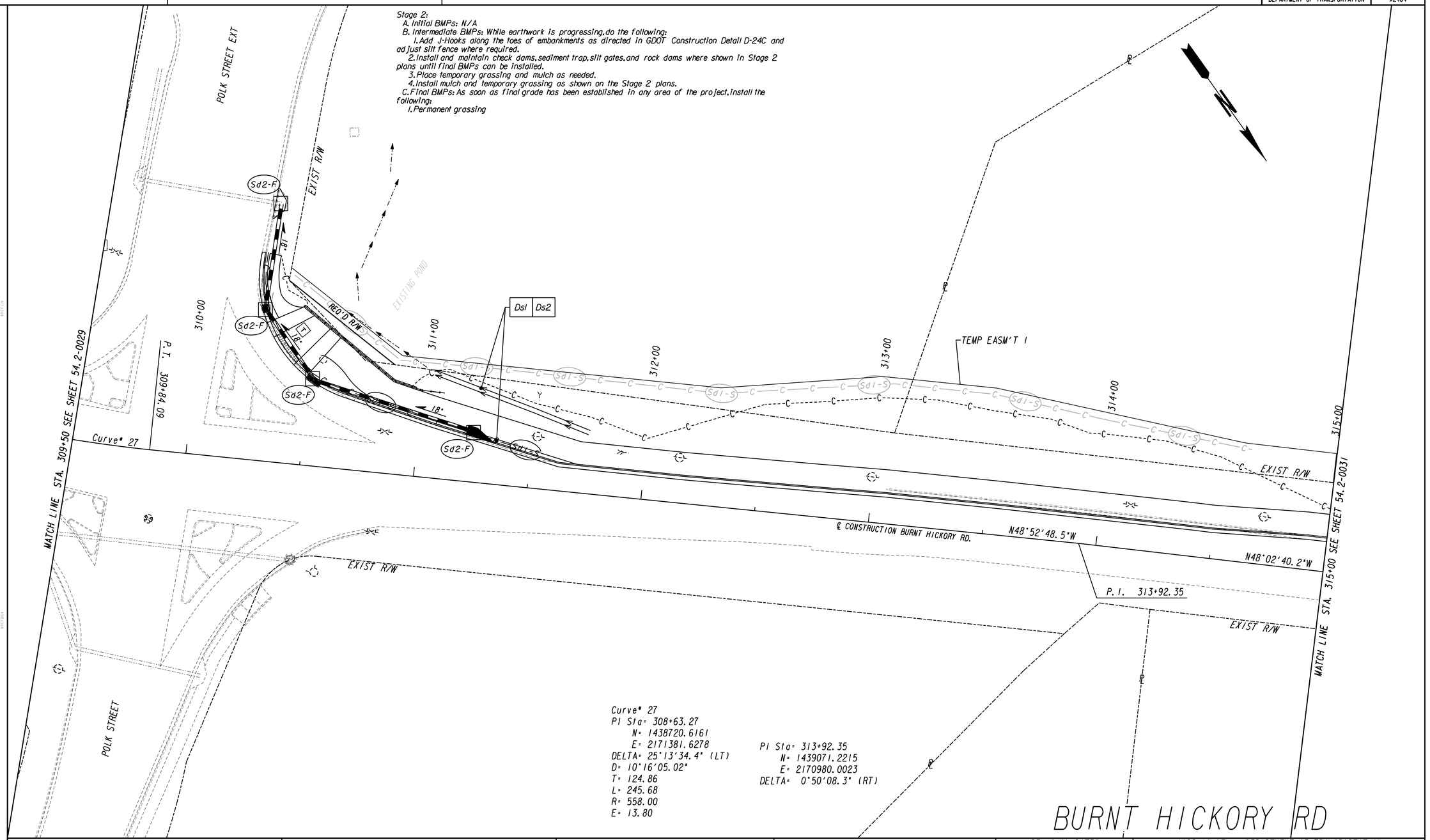
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing



Curve# 27
PI Sta= 308+63.27
N= 1438720.6161
E= 2171381.6278
DELTA= 25°13'34.4" (LT)
D= 10°16'05.02"
T= 124.86
L= 245.68
R= 558.00
E= 13.80

PI Sta= 313+92.35
N= 1439071.2215
E= 2170980.0023
DELTA= 0°50'08.3" (RT)

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

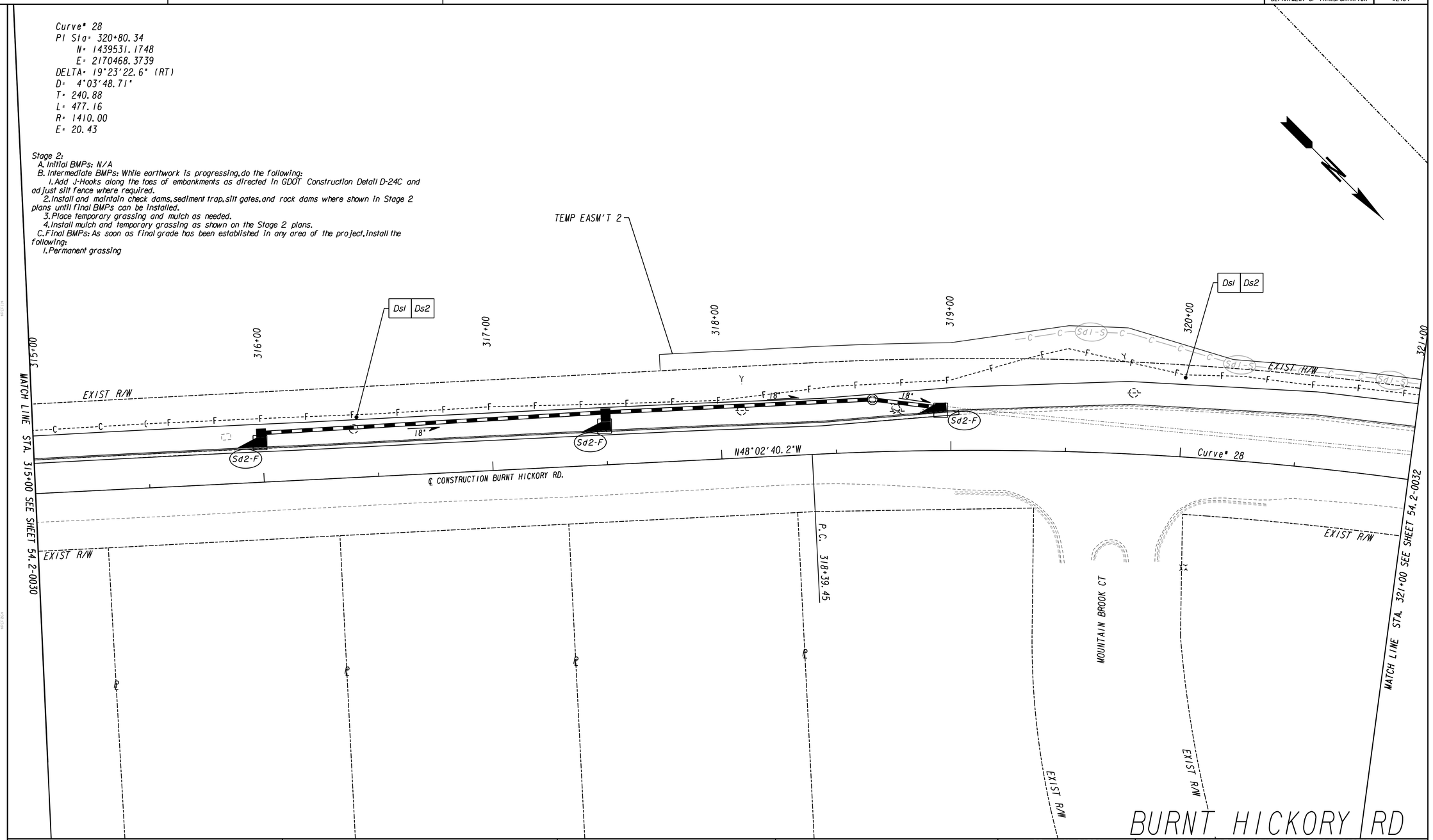
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.2-0030

7/31/2015 GPLN

Curve* 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing



PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	— C — F —
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.2-0031

7/31/2015 GPLN

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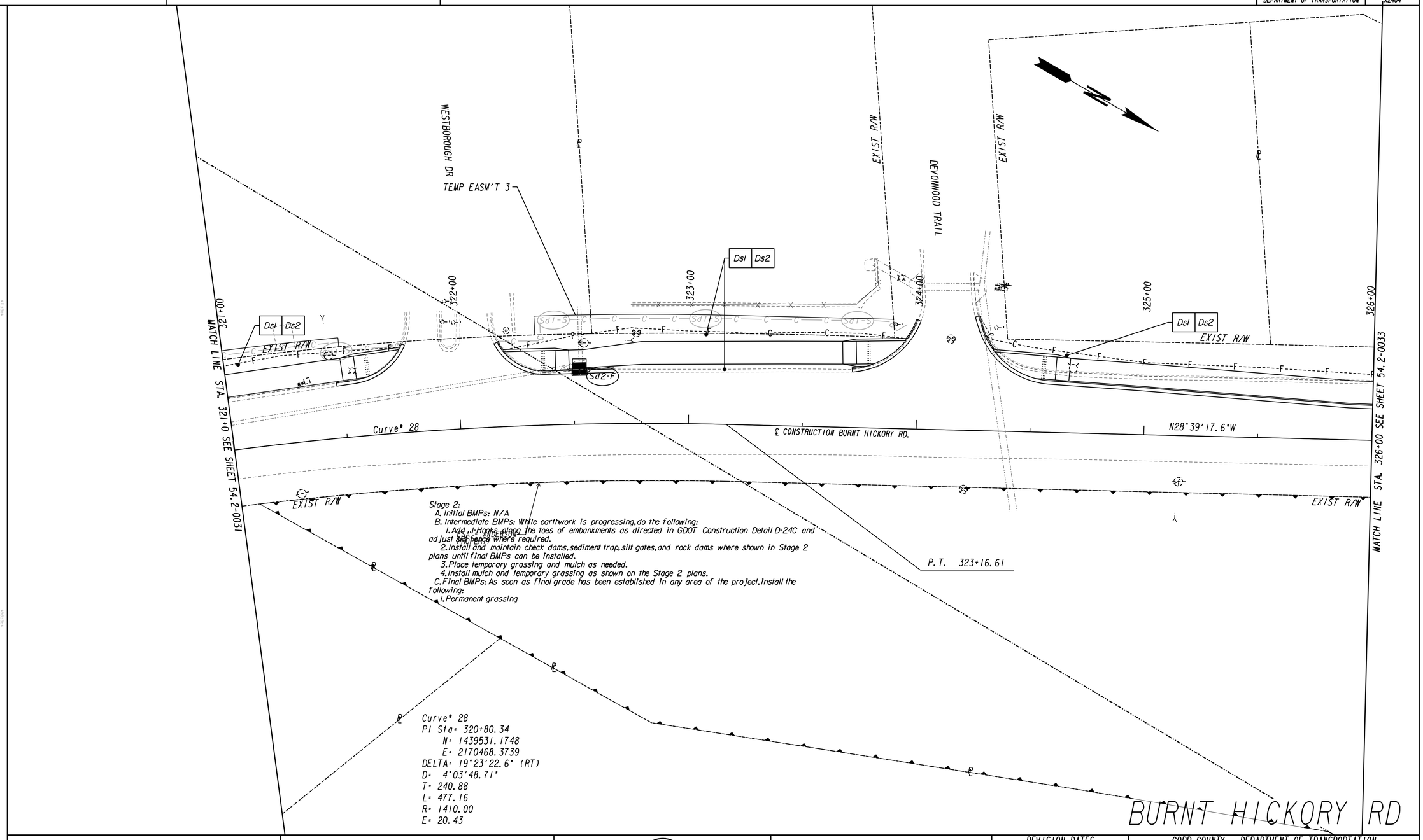
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 2 - INTERMEDIATE PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.2-0032

7/31/2015 GPLN

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USER:jkelly

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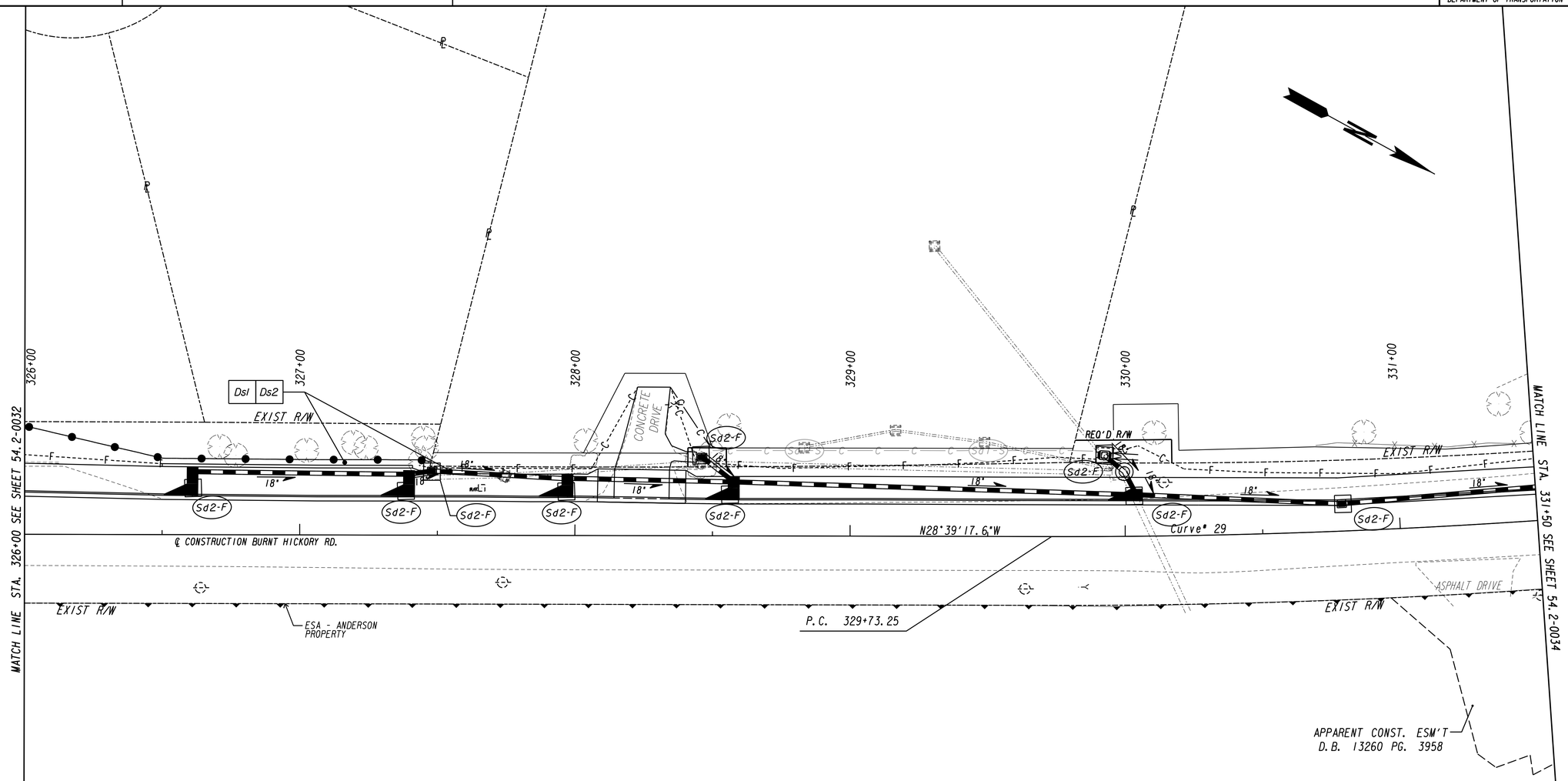
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Curve# 29
PI Sta= 331+12.55
N= 1440441.0080
E= 2169971.1853
DELTA= 6°22'42.4" (LT)
D= 2°17'30.59"
T= 139.30
L= 278.31
R= 2500.00
E= 3.88

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.2-0033

7/31/2015 GPLN

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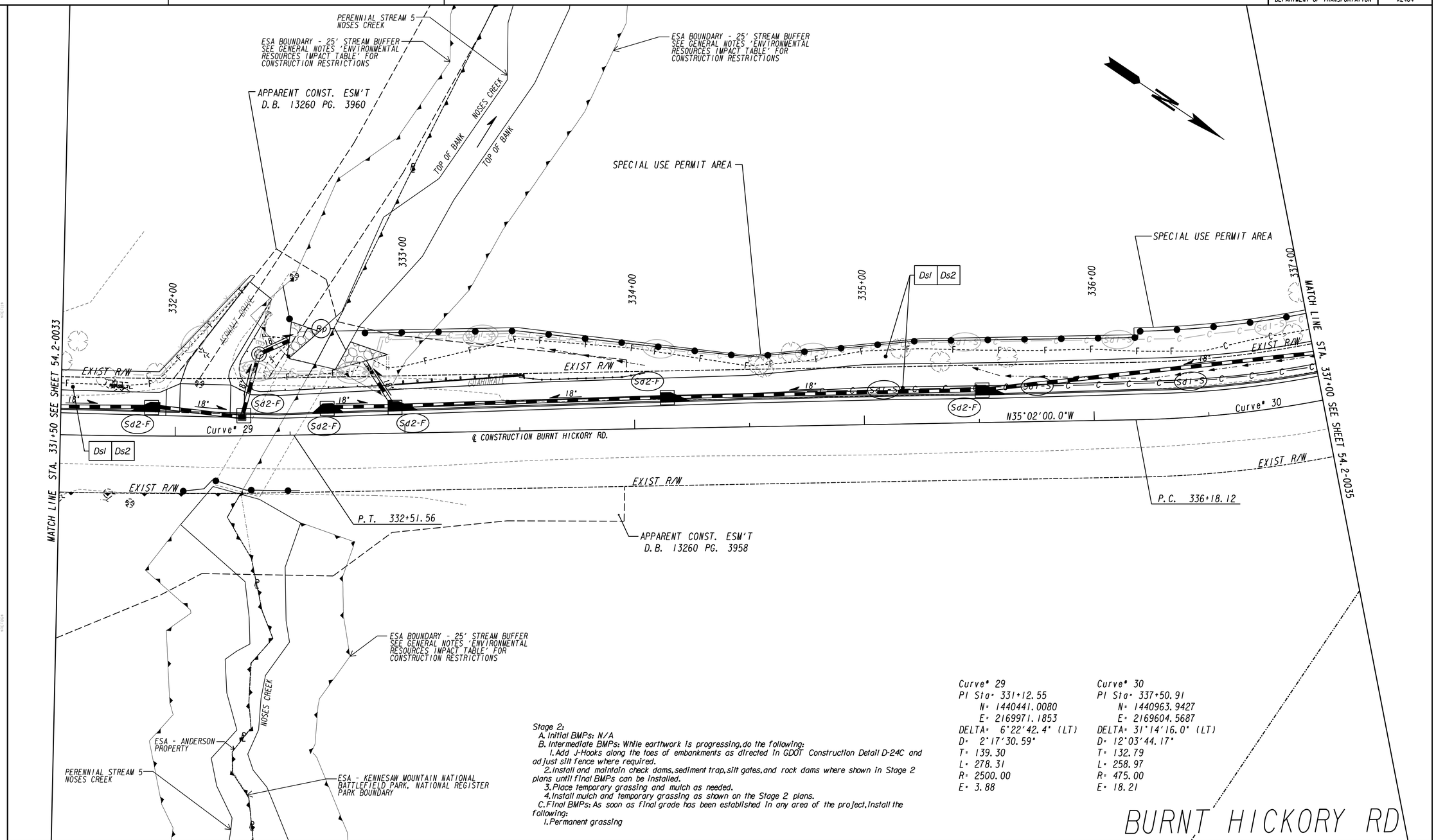
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

Curve# 29
PI Sta= 331+12.55
N= 1440441.0080
E= 2169971.1853
DELTA= 6°22'42.4" (LT)
D= 2°17'30.59"
T= 139.30
L= 278.31
R= 2500.00
E= 3.88

Curve# 30
PI Sta= 337+50.91
N= 1440963.9427
E= 2169604.5687
DELTA= 31°14'16.0" (LT)
D= 12°03'44.17"
T= 132.79
L= 258.97
R= 475.00
E= 18.21

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

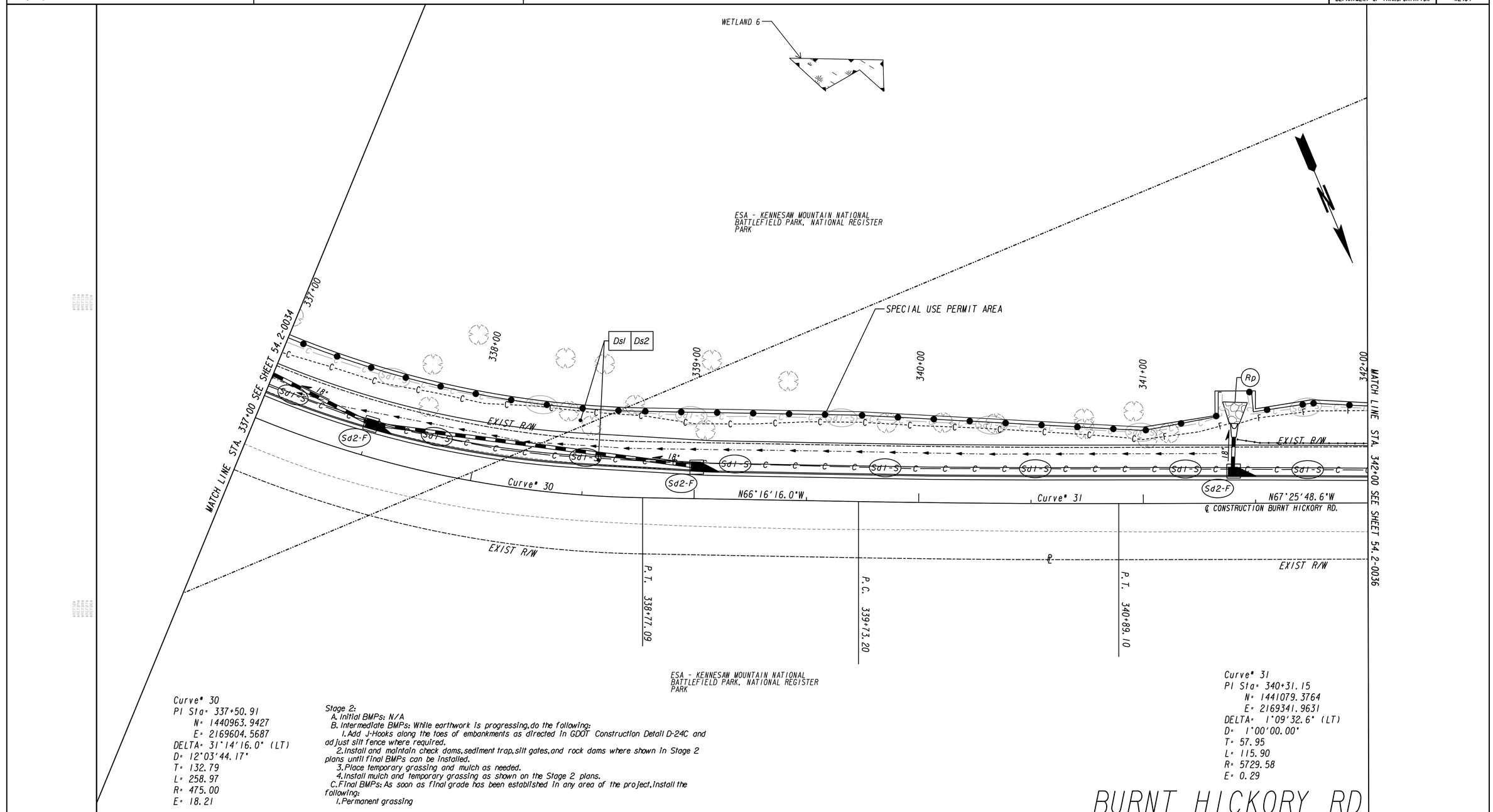
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0034

7/31/2015 GPLN



ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve° 30
PI Sta= 337+50.91
N= 1440963.9427
E= 2169604.5687
DELTA= 31°14'16.0" (LT)
D= 12°03'44.17"
T= 132.79
L= 258.97
R= 475.00
E= 18.21

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

Curve° 31
PI Sta= 340+31.15
N= 1441079.3764
E= 2169341.9631
DELTA= 1°09'32.6" (LT)
D= 1°00'00.00"
T= 57.95
L= 115.90
R= 5729.58
E= 0.29

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
54.2-0035

7/31/2015 GPLN

ESA - RESOURCE 3

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

SPECIAL USE PERMIT AREA

343+00

344+00

345+00

346+00

Ds1 | Ds2

EXIST R/W

EXIST R/W

Curve# 32

N67°25'48.6"W

N27°42'32.0"W

℄ CONSTRUCTION BURNT HICKORY RD.

P.C. 343+74.19

P.T. 346+16.83

EXIST R/W

EXIST R/W

MATCH LINE STA. 342+00 SEE SHEET 54.2-0035

MATCH LINE STA. 346+50 SEE SHEET 54.2-0037

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve# 32
PI Sta: 345+00.62
N: 1441259.5623
E: 2168908.4513
DELTA: 39°43'16.5" (RT)
D: 16°22'12.80"
T: 126.43
L: 242.64
R: 350.00
E: 22.13

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and ad just silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0036

7/31/2015 GPLN

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USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

WETLAND 7
ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
INTERMITTENT STREAM 8
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK
ESA - RESOURCE 3
SPECIAL USE PERMIT AREA
SPECIAL USE PERMIT AREA
Dsl | Ds2
Dsl | Ds2
347+00
348+00
349+00
350+00
351+00
MATCH LINE STA. 351+00 SEE SHEET 54.2-0038
MATCH LINE STA. 346+50 SEE SHEET 54.2-0036
Rp
Sdl-S
Sdl-S
Sd2-F
Sd2-F
Sd2-F
Curve# 33
18"
18"
36"
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
℄ CONSTRUCTION BURNT HICKORY RD.
N27°42'32.0"W
P.C. 347+86.35
PROPOSED NPS TRAIL (BY OTHERS)
NPS SERVICE ROAD
WETLAND 9
ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
INTERMITTENT STREAM 8
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK
ESA - RESOURCE 4

Curve# 33
PI Sta= 350+03.78
N= 1441714.0596
E= 2168669.7448
DELTA= 47°00'17.0" (LT)
D= 11°27'32.96"
T= 217.43
L= 410.19
R= 500.00
E= 45.23

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
54.2-0037

7/31/2015 GPLN

8/6/2020 5:08:05 PM
USER:jkelly

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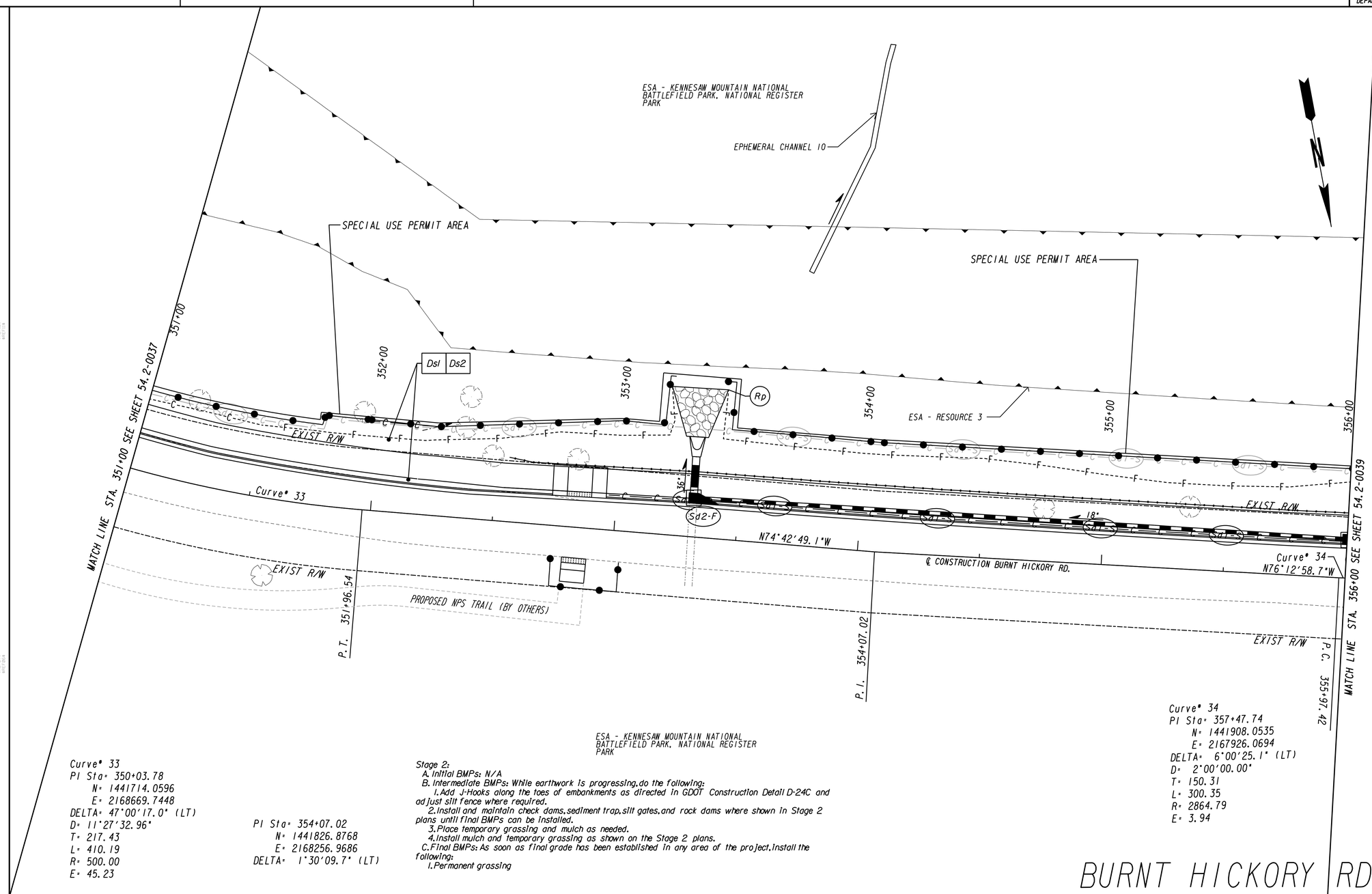
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Curve# 33
PI Sta: 350+03.78
N: 1441714.0596
E: 2168669.7448
DELTA: 47°00'17.0" (LT)
D: 11°27'32.96"
T: 217.43
L: 410.19
R: 500.00
E: 45.23

PI Sta: 354+07.02
N: 1441826.8768
E: 2168256.9686
DELTA: 1°30'09.7" (LT)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

Curve# 34
PI Sta: 357+47.74
N: 1441908.0535
E: 2167926.0694
DELTA: 6°00'25.1" (LT)
D: 2°00'00.00"
T: 150.31
L: 300.35
R: 2864.79
E: 3.94

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.2-0038

7/31/2015 GPLN

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

ESA - RESOURCE 3

ESA - RESOURCE 2

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

Ds1 | Ds2

P.T. 500+13.09

P.C. 500+09.63

356+00

357+00

358+00

359+00

360+00

361+00

MATCH LINE STA. 356+00 SEE SHEET 54.2-0038

MATCH LINE STA. 361+50 SEE SHEET 54.2-0040

EXIST R/W

EXIST. R/W

500+00

EXIST R/W

@ TRAIL ALIGNMENT 2

N82°53'18.8"W

Sd1-S

Sd2-F

Curve# 34

N82°13'23.8"W

℄ CONSTRUCTION BURNT HICKORY RD.

EXIST R/W

EXIST R/W

EXIST R/W

P.T. 358+97.77

BEGIN TRAIL ALIGNMENT
STA 500+00.00
STA 360+83.01 CHEATHAM HILL RD
16.16' LT
N 1441937.4465
E 2167591.4177

Curve# 34
PI Sta= 357+47.74
N= 1441908.0535
E= 2167926.0694
DELTA= 6°00'25.1" (LT)
D= 2°00'00.00"
T= 150.31
L= 300.35
R= 2864.79
E= 3.94

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0039

7/31/2015 GPLN

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 2

SPECIAL USE PERMIT AREA

ESA - RESOURCE 1

END TRAIL ALIGNMENT
STA 504+92.28
STA 365+60.85 CHEATHAM HILL RD
62.64' LT
N 1441956.0562
E 2167111.6877

Ds1 | Ds2

Ds1 | Ds2

P.C. 504+11.16

N61°36'00.4"W

P.T. 504+56.10

S66°53'55.3"W

P.T. 503+57.75

P.C. 503+08.48

N84°52'16.7"W

362+00

363+00

364+00

365+60

366+00

367+00

501+00

502+00

503+00

504+00

Rp

GRAVEL

TRAIL

ASPHALT PAVEMENT

EXIST R/W

℄ TRAIL ALIGNMENT 2

℄ CONSTRUCTION BURNT HICKORY RD.

N82°13'23.8"W

MATCH LINE STA. 361+50 SEE SHEET 54.2-0039

END PROJECT
END CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 365+64.37
N 1442018.5920
E 2167116.6728

OLD MOUNTAIN ROAD

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

BURNT HICKORY RD

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain check dams, sediment trap, silt gates, and rock dams where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

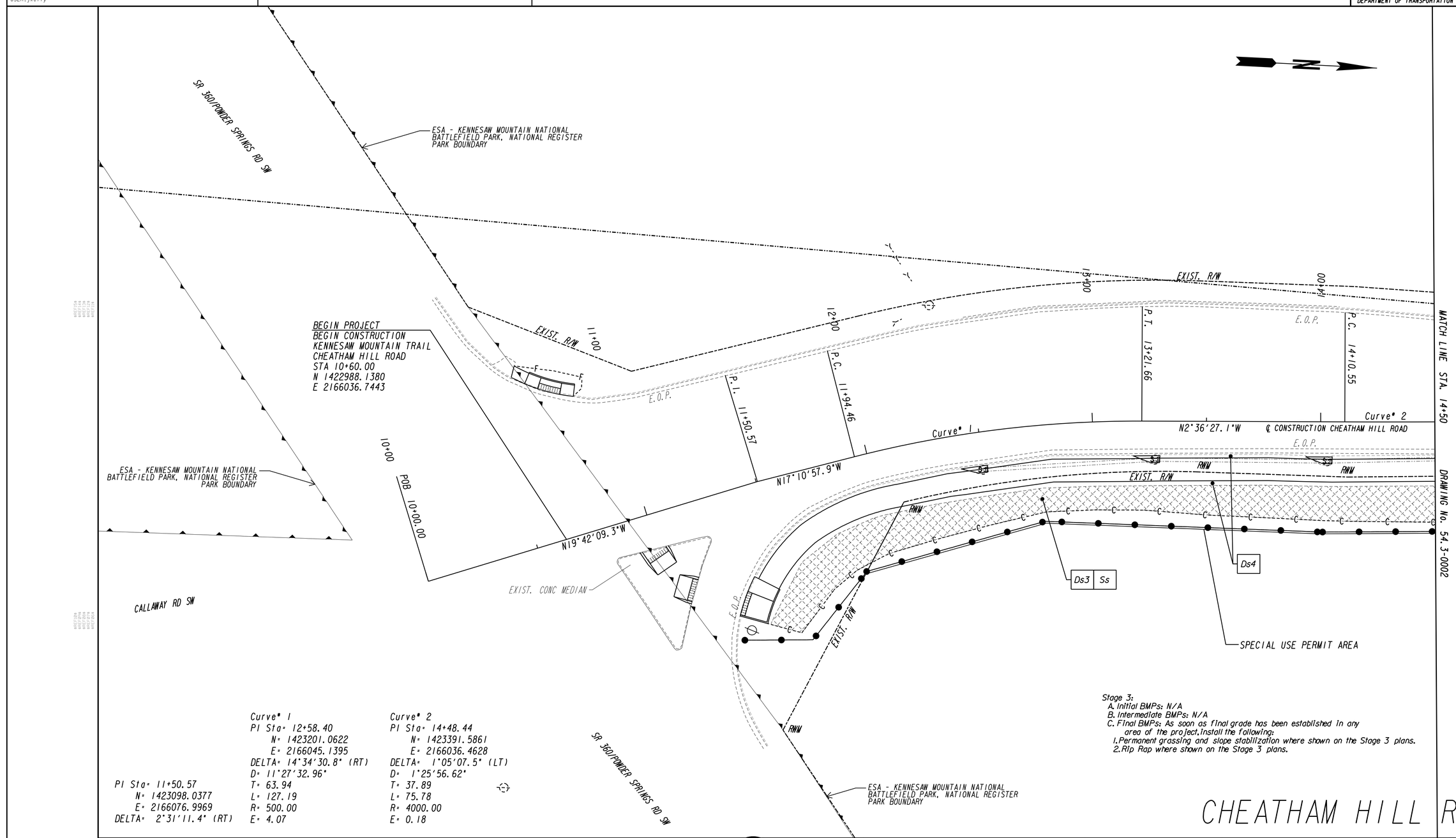
COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 2 - INTERMEDIATE PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.2-0040

7/31/2015 GPLN



Curve° 1
PI Sta: 12+58.40
N: 1423201.0622
E: 2166045.1395
DELTA: 14°34'30.8" (RT)
D: 11°27'32.96"
T: 63.94
L: 127.19
R: 500.00
E: 4.07

Curve° 2
PI Sta: 14+48.44
N: 1423391.5861
E: 2166036.4628
DELTA: 1°05'07.5" (LT)
D: 1°25'56.62"
T: 37.89
L: 75.78
R: 4000.00
E: 0.18

PI Sta: 11+50.57
N: 1423098.0377
E: 2166076.9969
DELTA: 2°31'11.4" (RT)

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0001

7/31/2015 GPLN

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

Curve° 2
PI Sta= 14+48.44
N= 1423391.5861
E= 2166036.4628
DELTA= 1°05'07.5" (LT)
D= 1°25'56.62"
T= 37.89
L= 75.78
R= 4000.00
E= 0.18

Curve° 3
PI Sta= 16+61.17
N= 1423603.8818
E= 2166022.7606
DELTA= 2°54'09.9" (RT)
D= 1°25'56.62"
T= 101.35
L= 202.65
R= 4000.00
E= 1.28

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK.

ESA - RESOURCE 12

MATCH LINE STA. 14+50

DRAWING No. 54.3-0001

15+00

P.C. 15+59.82

16+00

17+00

P.T. 17+62.47

18+00

19+00

DRAWING No. 54.3-0003

MATCH LINE STA. 19+50

P.T. 14+86.32

E.O.P.

Curve° 2

Curve° 3

℄ CONSTRUCTION CHEATHAM HILL ROAD

N3°41'34.6"W

N0°47'24.7"W

DRAINAGE DITCH

ASPHALT DRIVE

18"

CONCRETE DRIVE

REQ'D R/W

ESA-RESOURCE 10

Ds4

Ds3 | Ss

SPECIAL USE PERMIT AREA

ESA - RESOURCE 10

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.3-0002

7/31/2015 GPLN

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USER:jkelly

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)

N

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 2

MATCH LINE STA. 19+50

20+00 | 21+00 | P.I. 21+47.62 | 22+00 | 23+00 | 24+00

EXIST. R/W

E.O.P.

N0°47'24.7"W

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°15'09.8"W

18"

REQ'D R/W

Ds4

Ds3 | Ss

TEMP EASM'T 1

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

TEMP EASM'T 2

Ch-2R3

ASPHALT DRIVE

24"

DRAWING No. 54.3-0002

DRAWING No. 54.3-0004

MATCH LINE STA. 24+50

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

WETLAND 1

INTERMITTENT STREAM 2

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

		DATE:		DRAWING No.
CHECKED:		DATE:		54.3-0003
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

8/6/2020 5:08:39 PM
USER:jkelly

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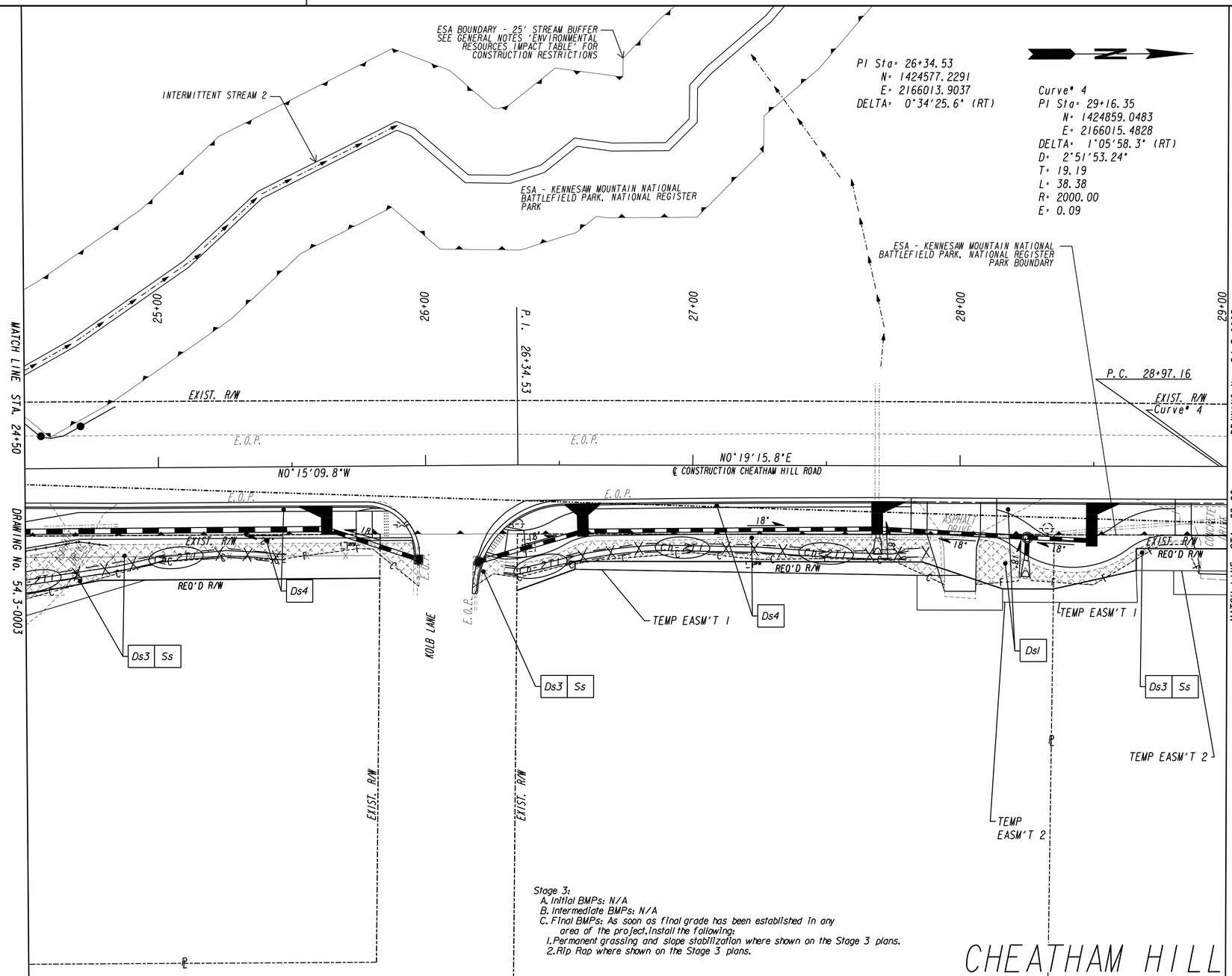
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE	------℄------
REQUIRED R/W LINE	———
CONSTRUCTION LIMITS	— C — F —
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.3-0004

7/31/2015 GPLN

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USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Curve* 4
PI Sta* 29+16.35
N* 1424859.0483
E* 2166015.4828
DELTA* 1°05'58.3" (RT)
D* 2°51'53.24"
T* 19.19
L* 38.38
R* 2000.00
E* 0.09

PI Sta* 31+20.89
N* 1425063.5287
E* 2166020.5537
DELTA* 0°21'14.6" (RT)

Curve* 5
PI Sta* 34+15.11
N* 1425357.6111
E* 2166029.6653
DELTA* 3°46'11.2" (LT)
D* 5°43'46.48"
T* 32.91
L* 65.80
R* 1000.00
E* 0.54

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

MATCH LINE STA. 29+00

29+00
P.T. 29+35.54
30+00
31+00
P.I. 31+20.89
32+00
33+00
34+00
P.T. 34+48.00
P.C. 33+82.20

MATCH LINE STA. 34+50

EXIST. R/W
ASPHALT DRIVE
E.O.P.
Curve* 4
N1°25'14.1"E
N1°46'28.7"E
Curve* 5
℄ CONSTRUCTION CHEATHAM HILL ROAD
18"
REQ'D R/W
CONCRETE DRIVE
TEMP EASM'T 2
Ds4
Ds3 Ss

DRAWING No. 54.3-0004

DRAWING No. 54.3-0006

REMOVE CONC WALL TO STA 32+37, 41.00' RT. END OF WALL TO BE FINISHED WITH REMOVED MATERIAL TO MATCH EXISTING FINISH. COST TO BE INCLUDED IN GRADING COMPLETE

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No.
54.3-0005

7/31/2015 GPLN

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

MATCH LINE STA. 34+50
DRAWING No. 54.3-0005
EXIST. R/W
E.O.P.
N11°59'42.5"W
@ CONSTRUCTION CHEATHAM HILL ROAD
P.C. 34+75.54
35+00
Curve° 6
P.C.C. 35+86.69
36+00
Curve° 7
P.C.C. 36+78.18
37+00
N24°50'49.2"W
N46°35'46.3"W
38+00
Curve° 8
P.C. 38+37.21
P.T. 38+25.03
N71°43'54.2"W
Curve° 9
39+00
MATCH LINE STA. 39+00
DRAWING No. 54.3-0007
Ds4
Ds3 Ss
LIVINGSTON DRIVE
TEMP EASM'T 1
TEMP EASM'T 2

Curve° 6
PI Sta= 35+31.87
N= 1425474.3155
E= 2166025.5998
DELTA= 22°51'06.6" (LT)
D= 20°33'32.27"
T= 56.32
L= 111.15
R= 278.69
E= 5.63

Curve° 7
PI Sta= 36+32.99
N= 1425567.4406
E= 2165982.4772
DELTA= 21°44'57.2" (LT)
D= 23°46'27.06"
T= 46.30
L= 91.48
R= 241.00
E= 4.41

Curve° 8
PI Sta= 37+52.80
N= 1425650.5326
E= 2165894.6215
DELTA= 25°08'07.9" (LT)
D= 17°06'59.41"
T= 74.63
L= 146.85
R= 334.74
E= 8.22

Curve° 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.3-0006

7/31/2015 GPLN

8/6/2020 5:08:55 PM
USER:jkelly

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X240-4

Curve° 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

DRAWING No. 54.3-0006

MATCH LINE STA. 39+00

39+00 40+00 40+35.75 P.T. 41+00 42+00 43+00

EXIST. R/W

E.O.P.

Curve° 9

℄ CONSTRUCTION CHEATHAM HILL ROAD

N75°31'24.8"W

Ds4 Ds3 Ss Ds4 Ds3 Ss

DRAWING No. 54.3-0008

MATCH LINE STA. 43+50

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.3-0007

7/31/2015 GPLN

Curve° 10
PI Sta° 46+98.18
N° 1425899.2946
E° 2164980.3327
DELTA° 14°43'24.0" (RT)
D° 9°27'22.15"
T° 78.28
L° 155.70
R° 605.91
E° 5.04

TANAGER BRIDGE COURT

EXIST. R/W

44+00

45+00

46+00

P.C. 46+19.90

47+00

DRAWING No. 54.3-0007

DRAWING No. 54.3-0009

MATCH LINE STA. 43+50

MATCH LINE STA. 47+50

E.O.P.

℄ CONSTRUCTION CHEATHAM HILL ROAD N75°31'24.8"W

Curve° 10

LIVINGSTON DRIVE

Ds4

Ds3 Ss

TEMP EASM'T 1

WETLAND 3

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0008

7/31/2015 GPLN

Curve* 10
PI Sta* 46+98.18
N* 1425899.2946
E* 2164980.3327
DELTA* 14°43'24.0" (RT)
D* 9°27'22.15"
T* 78.28
L* 155.70
R* 605.91
E* 5.04

Curve* 11
PI Sta* 48+19.55
N* 1425958.9266
E* 2164873.6330
DELTA* 13°48'07.8" (RT)
D* 16°57'01.48"
T* 40.91
L* 81.43
R* 338.02
E* 2.47

Curve* 12
PI Sta* 49+50.52
N* 1426048.5158
E* 2164777.5669
DELTA* 28°43'54.9" (RT)
D* 17°31'31.43"
T* 83.73
L* 163.94
R* 326.93
E* 10.55

Curve* 13
PI Sta* 51+10.06
N* 1426203.3627
E* 2164726.4577
DELTA* 17°08'15.6" (RT)
D* 11°50'44.01"
T* 72.88
L* 144.68
R* 483.69
E* 5.46

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

P.C. 50+37.17
P.T. 50+30.73
50+00
49+00
48+00
P.C. 48+66.78
P.T. 48+60.07
P.C. 47+78.64
P.T. 47+75.60
51+00
MATCH LINE STA. 47+50
DRAWING No. 54.3-0008
EXIST. R/W
E.O.P.
Curve* 10
N60°48'00.8"W
Curve* 11
N46°59'53.0"W
Curve* 12
N18°15'58.0"W
Curve* 13
CONSTRUCTION CHEATHAM HILL ROAD
TEMP EASM'T 2
TEMP EASM'T 1
TEMP EASM'T 3
Ds3 Ss
Ds4
WETLAND 3
REQ'D R/W
RIP RAP TP. 3, 18" 8 SY
DRAWING No. 54.3-0010
MATCH LINE STA. 51+50

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0009

7/31/2015 GPLN

Curve* 13
PI Sta= 51+10.06
N= 1426203.3627
E= 2164726.4577
DELTA= 17°08'15.6" (RT)
D= 11°50'44.01"
T= 72.88
L= 144.68
R= 483.69
E= 5.46

PI Sta= 53+26.41
N= 1426420.7589
E= 2164722.1755
DELTA= 1°21'02.1" (RT)

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PERENNIAL STREAM 4 WARD CREEK

20' SANITARY SEWER ESM'T

MATCH LINE STA. 51+50

DRAWING No. 54.3-0009

P.T. 51+81.85

52+00

53+00

P.I. 53+26.41

54+00

55+00

56+00

EXIST. R/W

GUARDRAIL

E.O.P.

BRIDGE

Curve* 13

N1°07'42.5"W

N0°13'19.6"E

℄ CONSTRUCTION CHEATHAM HILL ROAD

TEMP EASM'T 3

18"

CONCRETE SIDEWALK

REQ'D R/W

NO ACCESS BUFFER & LANDSCAPE ESM'T

Ds3 | Ss

Ds4

WETLAND 3

DRAWING No. 54.3-0011

MATCH LINE STA. 56+50

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.3-0010

7/31/2015 GPLN

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

PI Sta= 60+97.14
N= 1427191.4877
E= 2164725.1633
DELTA= 0°30'22.2" (LT)

DRAWING No. 54.3-0010

MATCH LINE STA. 56+50

57+00 58+00 59+00 60+00 P.I. 60+97.14 61+00 62+00

MATCH LINE STA. 62+00

DRAWING No. 54.3-0012

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°13'19.6"E

N0°17'02.6"W

E.O.P.

EXIST. R/W

REQ'D R/W

Ds3 Ss Ds4

NO ACCESS BUFFER & LANDSCAPE ESM'T

NO ACCESS BUFFER & LANDSCAPE ESM'T

TEMP EASM'T 1

TEMP EASM'T 2

20' DRAINAGE ESM'T

WARD CREEK DRIVE

CHEATHAM HILL RD

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.3-0011

7/31/2015 GPLN

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

PI Sta= 64+61.93
N= 1427556.2710
E= 2164723.3548
DELTA= 0°25'58.8" (RT)

N

62+00 63+00 64+00 P.I. 64+61.93 65+00 66+00 67+00

DRAWING No. 54.3-0011 — DRAWING No. 54.3-0013

EXIST. R/W — EXIST. R/W

E.O.P. — E.O.P.

NO°08'56.1"E
℄ CONSTRUCTION CHEATHAM HILL ROAD
NO°17'02.6"W

MATCH LINE STA. 62+00 — MATCH LINE STA. 67+50

Ds4 — Ds4

E.O.P. — E.O.P.

EXIST. R/W — EXIST. R/W

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

20' DRAINAGE ESM'T

TEMP EASM'T 2

Ds3 | Ss

℄

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

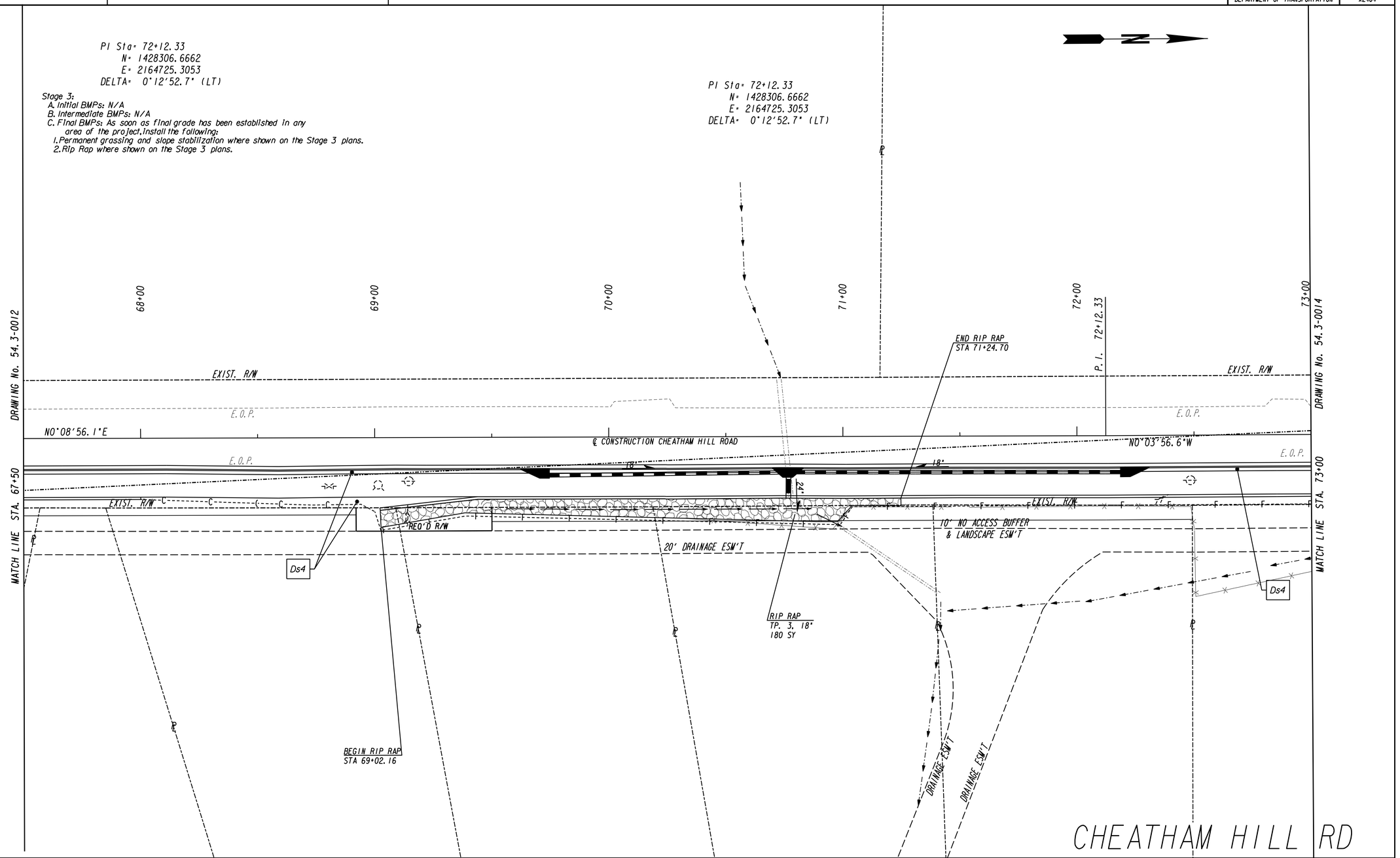
DRAWING No. 54.3-0012

7/31/2015 GPLN

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0013

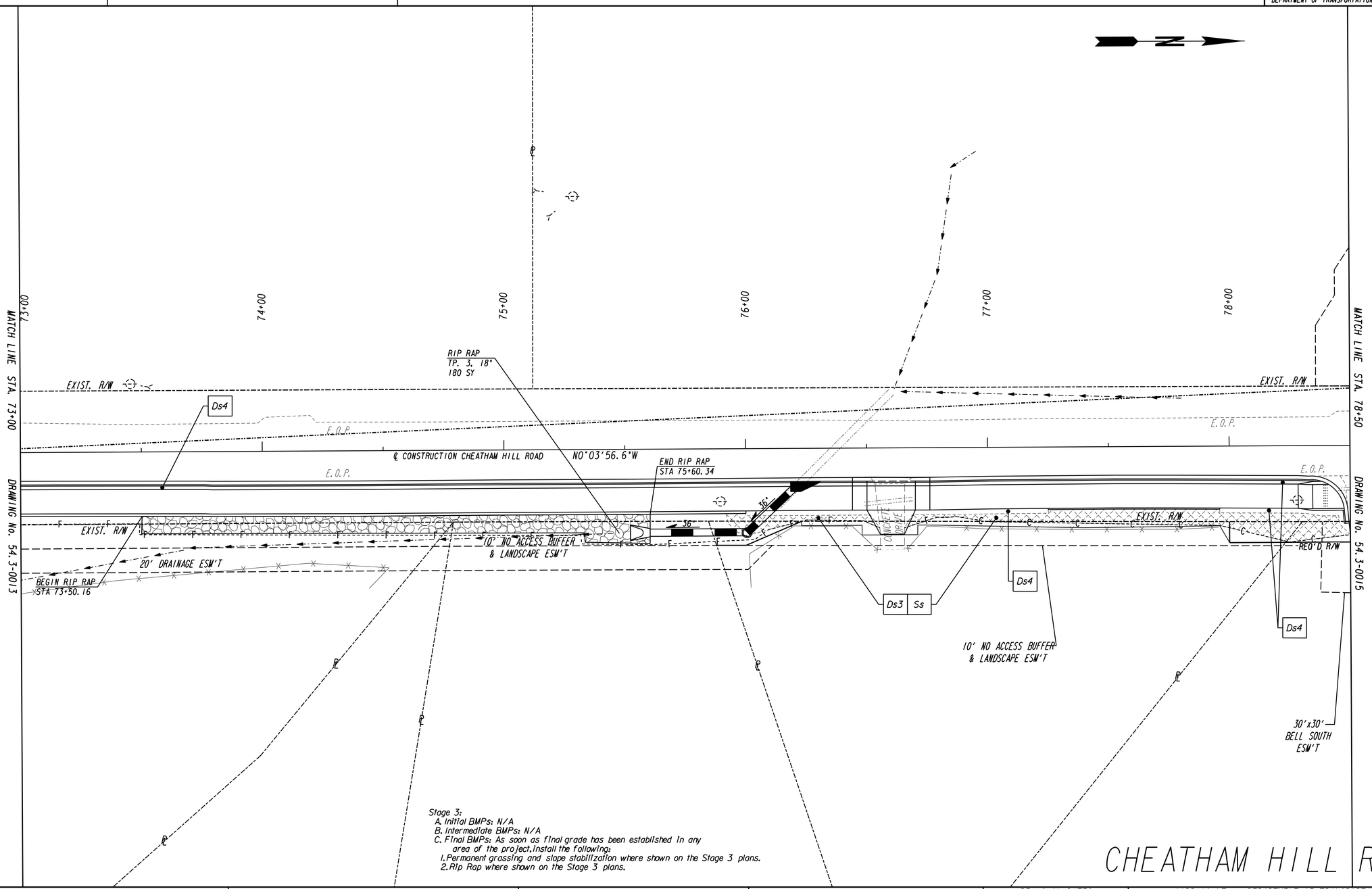
7/31/2015 GPLN

8/20/2020 8:07:59 AM $PRF8$ J:\2017030\0015279\DGN\0015279_54.3-0014_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404



Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.3-0014

7/31/2015 GPLN

8/6/2020 5:09:40 PM USER:jkelly	$PRF8$	J:\2017030\0015279\DGN\0015279_54.3-0015_(CH).dgn	COBB COUNTY DEPARTMENT OF TRANSPORTATION	Project No. X2404

Curve* 14
PI Sta* 80+91.82
N* 1429186.1616
E* 2164724.2966
DELTA* 18°21'30.8" (LT)
D* 7°38'21.97"
T* 121.20
L* 240.31
R* 750.00
E* 9.73

Curve* 15
PI Sta* 83+56.09
N* 1429438.8514
E* 2164640.1190
DELTA* 18°12'07.6" (LT)
D* 7°09'43.10"
T* 128.15
L* 254.15
R* 800.00
E* 10.20

35' INGRESS/EGRESS AND UTILITY EASEMENT

12"RCP F/L:1084.80

DRAWING No. 54.3-0014

MATCH LINE STA. 78+50

79+00 80+00 81+00 82+00 83+00

P.C. 79+70.63

P.T. 82+10.94

P.C. 82+27.93

MATCH LINE STA. 29+00

DRAWING No. 54.3-0016

EXIST. R/W

E.O.P.

℄ CONSTRUCTION CHEATHAM HILL ROAD N0°03'56.6"W

Curve* 14

N18°25'27.4"W

Curve* 15

ASPHALT DRIVE

REQ'D R/W

Ds4

Ds3 Ss

DIRT DRIVE

DRIVEWAY EASMT 1

30'x30' BELL SOUTH ESM'T

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES		

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	54.3-0015
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN

8/6/2020 5:09:46 PM
USER:jkelly

$PRF8$

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X240-4

Curve* 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

PI Sta= 85+71.90
N= 1429613.7869
E= 2164510.0754
DELTA= 2°11'22.1" (LT)

DRAWING No. 54.3-0015

MATCH LINE STA. 29+00

MATCH LINE STA. 88+00

DRAWING No. 54.3-0017

83+00 84+00 P.T. 84+82.08 85+00 EXIST. R/W CAVAN DRIVE 86+00 EXIST. R/W 87+00 88+00

P.I. 85+71.90

EXIST. R/W

E.O.P.

Curve* 15

N36°37'35.0"W

℄ CONSTRUCTION CHEATHAM HILL ROAD N38°48'57.1"W

12"CPP F/L:1051.93

24"

REQ'D R/W

CONCRETE DRIVE

ASPHALT DRIVE

12"CPP F/L:1053.54

DRIVEWAY EASMT 2

DRIVEWAY EASM'T 1

Ds3 Ss

Ds4

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.3-0016

7/31/2015 GPLN

8/6/2020 5:09:52 PM | $PRF8$ | J:\2017030\0015279\DGN\0015279_54.3-0017_(CH).dgn | COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

USER:jkelly

Curve# 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

MATCH LINE STA. 88+00

DRAWING No. 54.3-0016

88+00

89+00

90+00

P.C. 90+29.72

91+00

92+00

93+00

DRAWING No. 54.3-0018

MATCH LINE STA. 93+00

EXIST. R/W

E.O.P.

℄ CONSTRUCTION CHEATHAM HILL ROAD N38°48'57.1"W

Curve# 16

24'

18'

18'

REQ'D R/W

CONCRETE DRIVE

ASP. DRIVE

Ds4

Ds3 | Ss

DRIVEWAY EASM'T 2

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0017

7/31/2015 GPLN

Curve° 16
PI Sta= 92+13.00
N= 1430113.3094
E= 2164108.2215
DELTA= 16°03'00.3" (RT)
D= 4°24'26.52"
T= 183.28
L= 364.16
R= 1300.00
E= 12.86

Curve° 17
PI Sta= 98+69.64
N= 1430722.4602
E= 2163856.7257
DELTA= 4°03'59.3" (RT)
D= 1°38'13.28"
T= 124.26
L= 248.41
R= 3500.00
E= 2.20

PI Sta= 95+59.41
N= 1430434.9467
E= 2163973.2436
DELTA= 0°42'17.9" (RT)

Curve° 35
PI Sta= 485+97.43
N= 1430544.17
E= 2163945.48
DELTA= 12°23'40.8" (RT)
D= 95°29'34.68"
T= 6.52
L= 12.98
R= 60.00
E= 0.35

Curve° 36
PI Sta= 486+38.97
N= 1430585.13
E= 2163938.24
DELTA= 9°33'57.1" (RT)
D=143°14'22.02"
T= 3.35
L= 6.68
R= 40.00
E= 0.14

Curve° 37
PI Sta= 486+65.53
N= 1430611.70
E= 2163938.02
DELTA= 20°38'33.8" (LT)
D= 76°23'39.74"
T= 13.66
L= 27.02
R= 75.00
E= 1.23

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EXISTING:
AGL R/W UNK WIDTH
THROUGH NATIONAL PARK

BEGIN TRAIL ALIGNMENT
STA 485+90.91 =
STA 96+64.56 CHEATHAM HILL RD
15.33' RT
N 1430538.1521
E 2163947.9628

P.T. 93+93.89
P.I. 95+59.41
P.C. 97+45.39
MATCH LINE STA. 93+00
MATCH LINE STA. 98+50
DRAWING No. 54.3-0017
DRAWING No. 54.3-0019
COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
EXIST. R/W
REQ'D R/W
ASPHALT DRIVE
E.O.P.
℄ CONSTRUCTION CHEATHAM HILL ROAD
℄ KENNESAW MOUNTAIN TRAIL
Curve° 16
Curve° 17
Curve° 35
Curve° 36
Curve° 37
N22°45'56.8"W
N22°03'38.8"W
N22°25'21.4"W
N 10°01'40.5" W
N 21°06'17.2" W
N 0°27'43.4" W
Ds4
Ss Ds3
SPECIAL USE PERMIT AREA
ESA - RESOURCE 9
93+00
94+00
95+00
96+00
97+00
98+00
486+00
487+00

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0018

7/31/2015 GPLN

Curve° 17
PI Sta: 98+69.64
N: 1430722.4602
E: 2163856.7257
DELTA: 4°03'59.3" (RT)
D: 1°38'13.28"
T: 124.26
L: 248.41
R: 3500.00
E: 2.20

Curve° 38
PI Sta: 487+93.47
N: 1430731.34
E: 2163891.85
DELTA: 3°19'21.9" (RT)
D: 28°38'52.40"
T: 5.80
L: 11.60
R: 200.00
E: 0.08

Curve° 39
PI Sta: 491+99.22
N: 1431117.71
E: 2163767.93
DELTA: 2°48'09.9" (LT)
D: 28°38'52.40"
T: 4.89
L: 9.78
R: 200.00
E: 0.06

Curve° 40
PI Sta: 493+02.57
N: 1431214.46
E: 2163731.59
DELTA: 3°15'08.4" (RT)
D: 28°38'52.40"
T: 5.68
L: 11.35
R: 200.00
E: 0.08

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EXISTING:
AGL R/W UNK WIDTH
THROUGH NATIONAL PARK

MATCH LINE STA. 98+50
DRAWING No. 54.3-0018

99+00 | 100+00 | 101+00 | 102+00 | 103+00 | 104+00

"PARKING LOT"

P.T. 99+93.79
P.I. 101+98.18

EXIST. R/W
ASPHALT DRIVE
E.O.P.
E.O.P.
COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
EXIST. R/W

Curve° 17
℄ CONSTRUCTION CHEATHAM HILL ROAD
N17°59'39.5"W
N17°19'11.5"W

488+00 | 489+00 | 490+00 | 491+00 | 492+00 | 493+00

Ds4
E.O.P.
E.O.P.
EXIST. R/W
COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
EXIST. R/W
15'
℄ KENNESAW MOUNTAIN TRAIL
N 17°46'55.3" W
N 20°35'05.2" W
Ds3 | Ss
Ds4
Ds4
Curve° 38
Curve° 39
Curve° 40
N 21°06'17.2" W
RIVER ROCK
RIP RAP
TP. 3, 18"
9 SY
RIVER ROCK
RIP RAP
TP. 3, 18"
9 SY
SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

MATCH LINE STA. 104+00
DRAWING No. 54.3-0020

CHEATHAM HILL RD

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

		DATE:	
CHECKED:			
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.3-0019

7/31/2015 GPLN

PI Sta= 495+83.83
N= 1431483.4289
E= 2163653.3428
DELTA= 15°59'30.3" (LT)
D=114°35'29.61"
T= 7.02
L= 13.96
R= 50.00
E= 0.49

Curve° 18
PI Sta= 108+91.87
N= 1431698.4549
E= 2163552.5730
DELTA= 6°00'12.2" (LT)
D= 2°05'00.54"
T= 144.20
L= 288.14
R= 2750.00
E= 3.78

PI Sta= 104+75.03
N= 1431299.3259
E= 2163672.7806
DELTA= 0°53'26.5" (RT)

PI Sta= 493+99.01
N= 1431306.52
E= 2163702.86
DELTA= 1°04'03.9" (LT)

Curve° 41
PI Sta= 494+42.68
N= 1431347.96
E= 2163689.08
DELTA= 3°48'16.4" (RT)
D= 28°38'52.40"
T= 6.64
L= 13.28
R= 200.00
E= 0.11

Curve° 42
PI Sta= 495+81.16
N= 1431481.98
E= 2163654.18
DELTA= 15°20'34.3" (LT)
D=114°35'29.61"
T= 6.73
L= 13.39
R= 50.00
E= 0.45

Curve° 43
PI Sta= 496+64.49
N= 1431554.26
E= 2163612.55
DELTA= 13°08'10.4" (RT)
D=114°35'29.61"
T= 5.76
L= 11.46
R= 50.00
E= 0.33

PI Sta= 106+32.50
N= 1431450.3622
E= 2163628.2446
DELTA= 0°31'59.7" (LT)

END TRAIL ALIGNMENT
STA 496+70.42 *
STA 107+41.45 CHEATHAM HILL RD
15.38' RT
N 1431559.0652
E 2163611.1607

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

EXISTING: AGL R/W UNK WIDTH THROUGH NATIONAL PARK

MATCH LINE STA. 104+00

DRAWING No. 54.3-0019

MATCH LINE STA. 109+50

DRAWING No. 54.3-0021

104+00 105+00 106+00 P.I. 106+32.50 107+00 P.C. 107+47.67 108+00 109+00

P.I. 104+75.03

EXIST. R/W

ASPHALT DRIVE

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

18"RCP F/L:1092.75

18"RCP F/L:1094.90

E.O.P.

N17°19'11.5"W

℄ CONSTRUCTION CHEATHAM HILL ROAD N16°25'45.0"W

N16°57'44.7"W

Curve° 18

494+00 495+00 496+00

N 17°19'56.7" W

N 18°24'00.6" W

℄ KENNESAW MOUNTAIN TRAIL

N 14°35'44.2" W

N 29°56'18.5" W

N 16°48'08.1" W

18"

EXIST. R/W

Curve° 41

P.I. 493+99.01

Curve° 42

Ds4

RIP RAP TP. 3, 18" 6 SY

Ds3 Ss

Ds4

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL RD

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0020

7/31/2015 GPLN

8/6/2020 5:10:14 PM $PRF8$ J:\2017030\0015279\DGN\0015279_54.3-0021_(CH).dgn

USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

Curve# 18
PI Sta= 108+91.87
N= 1431698.4549
E= 2163552.5730
DELTA= 6°00'12.2" (LT)
D= 2°05'00.54"
T= 144.20
L= 288.14
R= 2750.00
E= 3.78

Curve# 19
PI Sta= 113+19.79
N= 1432092.6991
E= 2163385.5039
DELTA= 1°17'53.0" (LT)
D= 1°54'35.49"
T= 33.98
L= 67.97
R= 3000.00
E= 0.19

Curve# 20
PI Sta= 115+00.66
N= 1432257.5913
E= 2163311.1774
DELTA= 3°56'14.1" (RT)
D= 7°38'21.97"
T= 25.78
L= 51.54
R= 750.00
E= 0.44

DRAWING No. 54.3-0020

MATCH LINE STA. 109+50

110+00

P.T. 110+35.81

111+00

112+00

P.C. 112+85.81

113+00

P.T. 113+53.77

114+00

P.C. 114+74.88

115+00

DRAWING No. 54.3-0022

MATCH LINE STA. 115+00

EXIST. R/W

RMW

E.O.P.

ASP.

Curve# 18

Curve# 19

Curve# 20

℄ CONSTRUCTION CHEATHAM HILL ROAD

N22°57'56.9"W

N24°15'49.9"W

CONCRETE SIDEWALK

GRAVEL

Ch-2Tl

Ds4

Ds3 | Ss

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

CHEATHAM HILL RD

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0021

7/31/2015 GPLN

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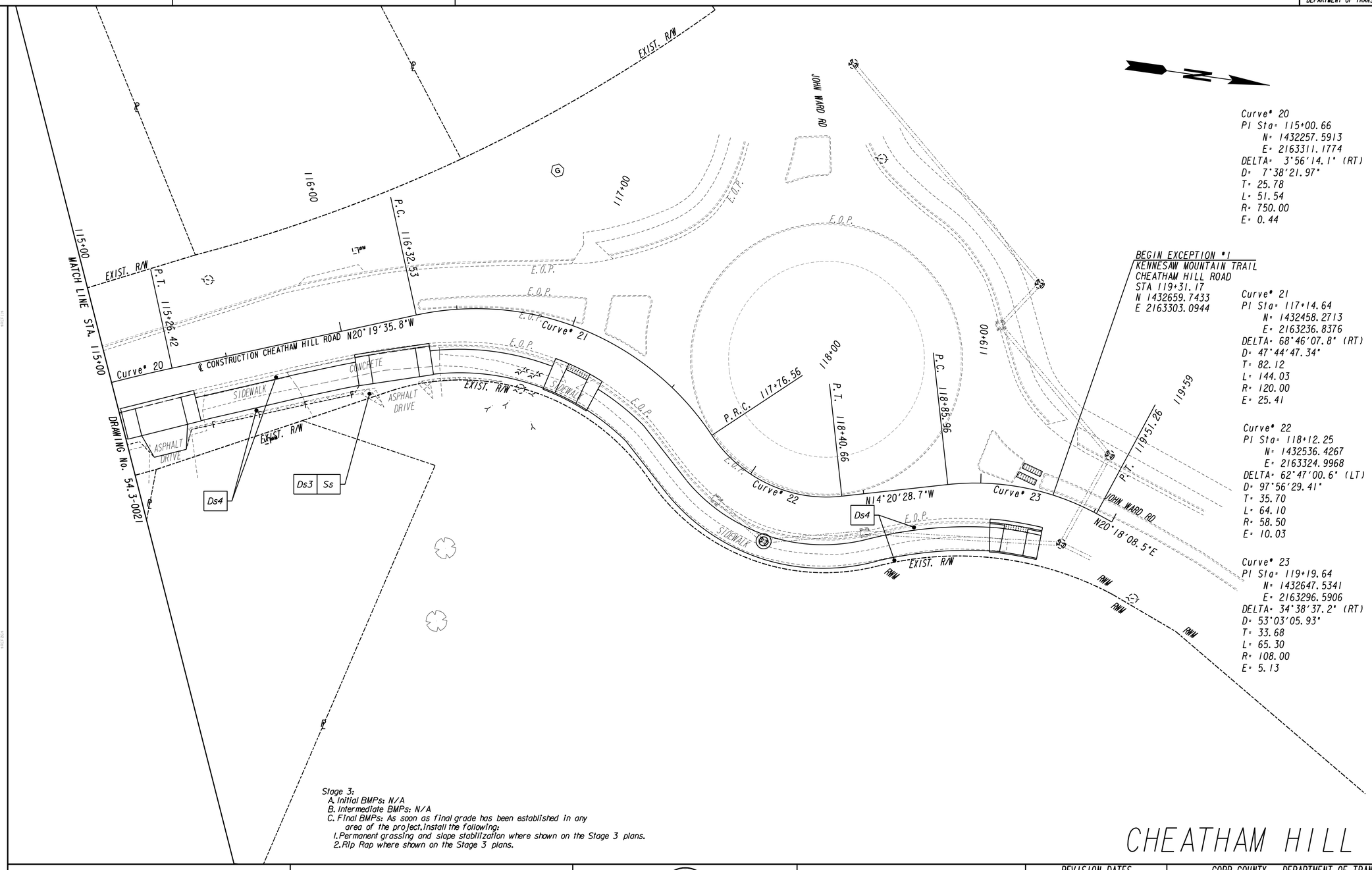
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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7/31/2015 GPLN

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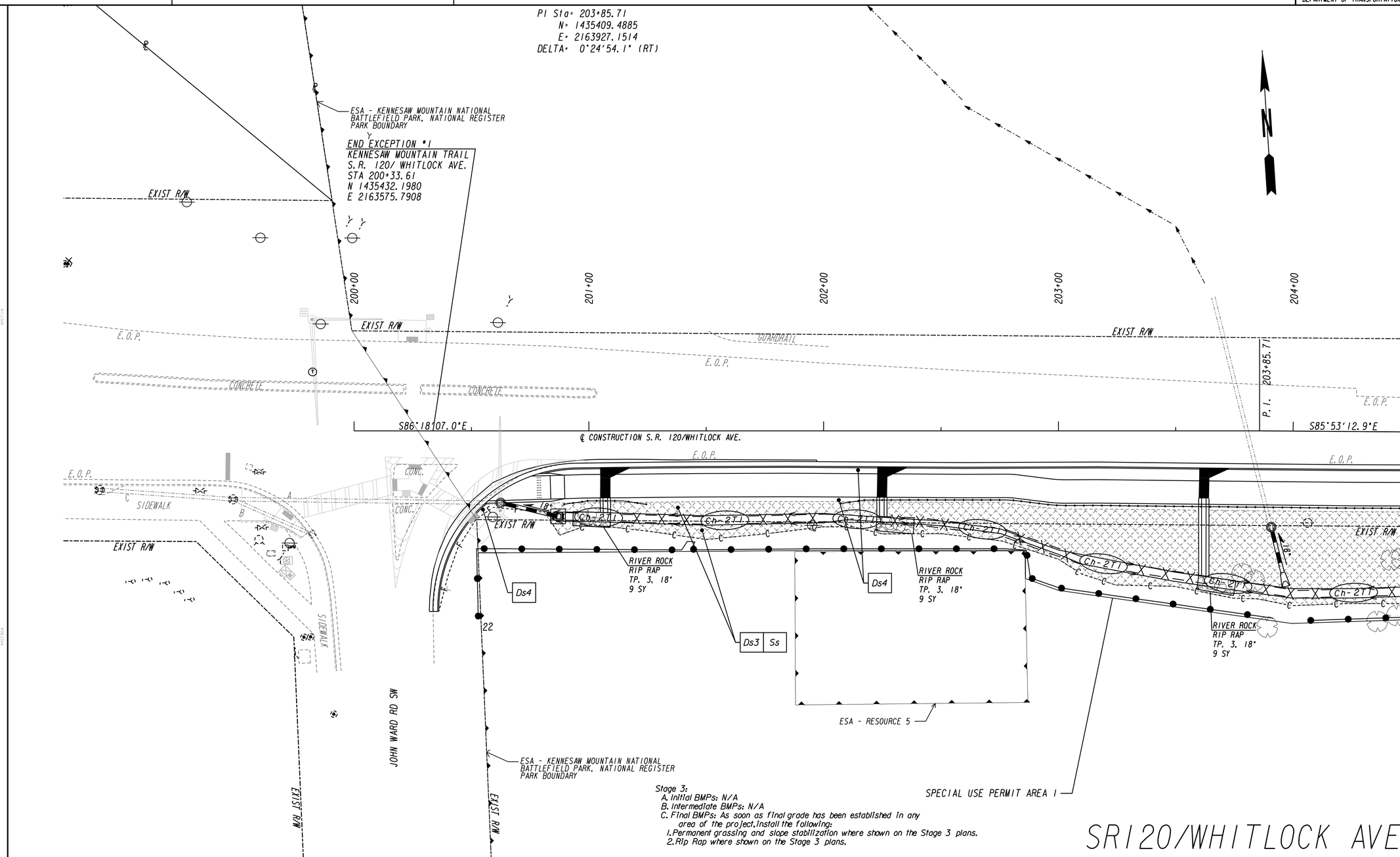
USER: jlemmings

COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

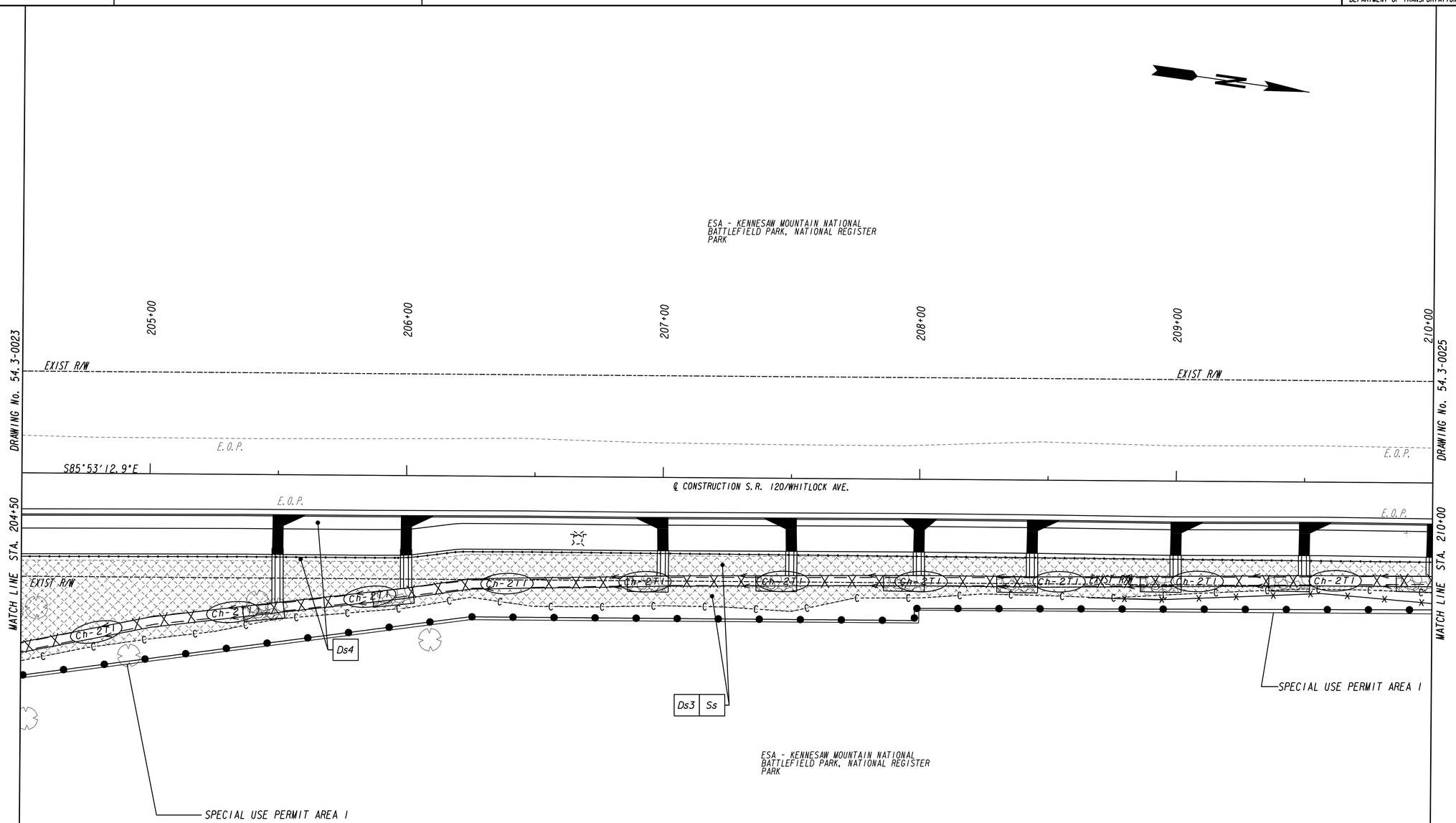
REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.3-0023

7/31/2015 GPLN



Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE	BEGIN LIMIT OF ACCESS.....BLA
REQUIRED R/W LINE	END LIMIT OF ACCESS.....ELA
CONSTRUCTION LIMITS	LIMIT OF ACCESS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	REQ'D R/W & LIMIT OF ACCESS
EASEMENT FOR CONSTR OF SLOPES	ORANGE BARRIER FENCE
EASEMENT FOR CONSTR OF DRIVES	ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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VERIFIED:		DATE:	

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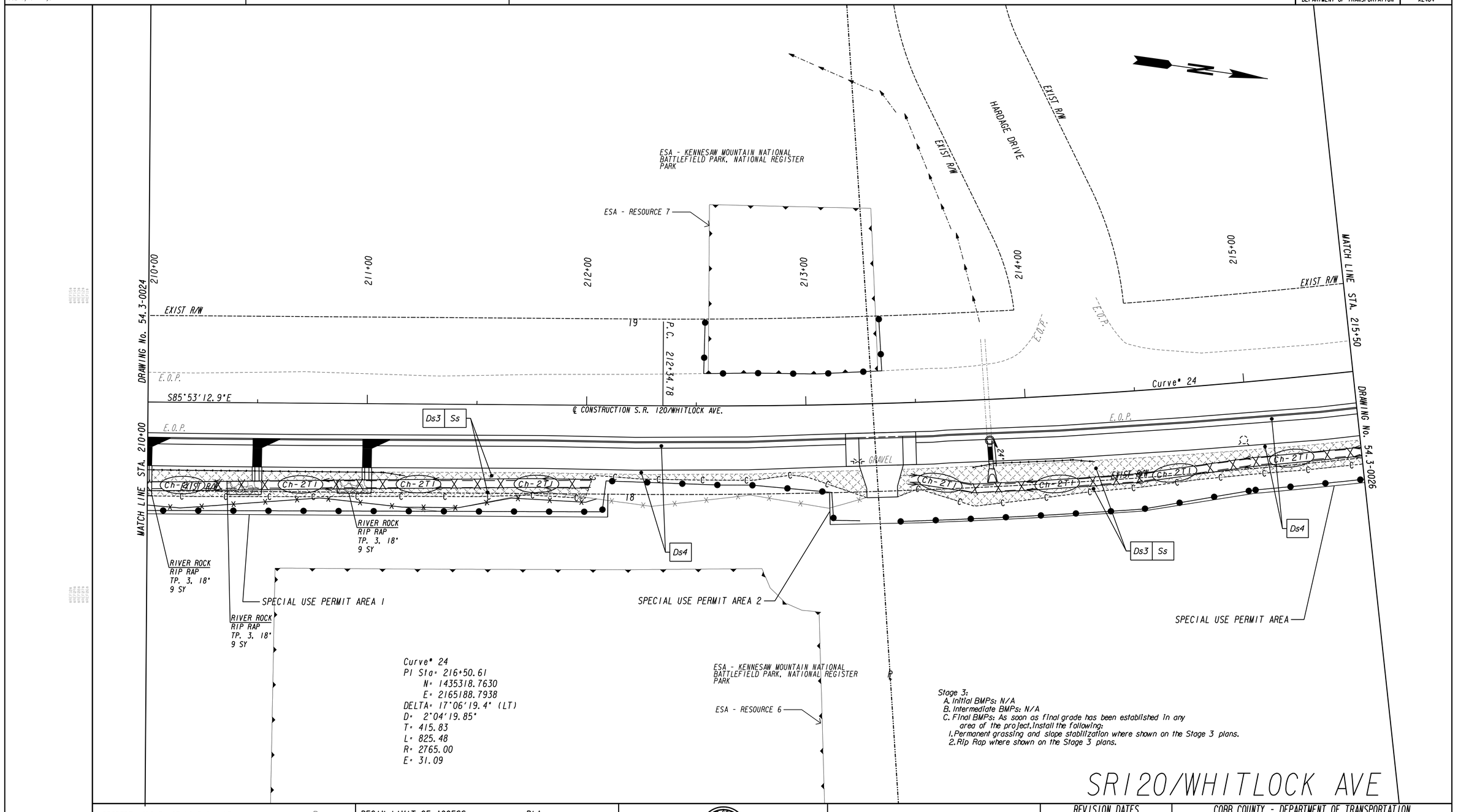
7/31/2015 GPLN



SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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VERIFIED:		DATE:	

7/31/2015 GPLN

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

DRAWING No. 54.3-0025

MATCH LINE STA. 215+50

216+00 217+00 218+00 219+00 220+00

MATCH LINE STA. 221+00

DRAWING No. 54.3-0027

EXIST R/W

E.O.P.

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

Curve° 24

P.T. 220+60.26

N77°00'27.8"E

20

EXIST R/W (Ch-2TI)

Ds4

Ds3 Ss

Ds4

SPECIAL USE PERMIT AREA

Curve° 24
PI Sta= 216+50.61
N= 1435318.7630
E= 2165188.7938
DELTA= 17°06'19.4" (LT)
D= 2°04'19.85"
T= 415.83
L= 825.48
R= 2765.00
E= 31.09

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
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SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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VERIFIED: DATE:

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7/31/2015 GPLN

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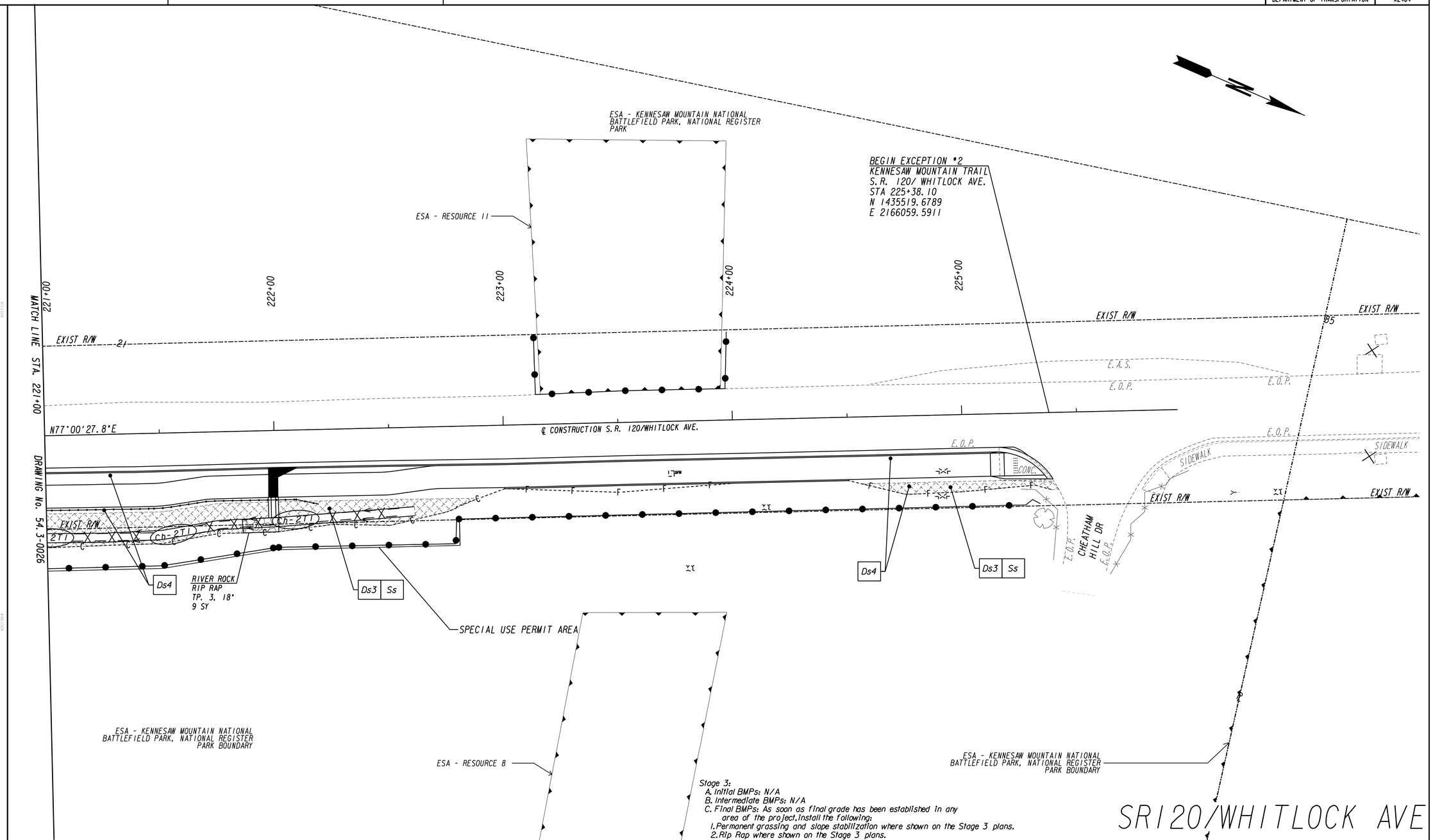
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS	BLA
END LIMIT OF ACCESS	ELA
LIMIT OF ACCESS	
REQ'D R/W & LIMIT OF ACCESS	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.3-0027

7/31/2015 GPLN

Curve* 25
PI Sta= 300+43.75
N= 1437994.6673
E= 2171763.9385
DELTA= 29°14'43.5" (LT)
D= 22°55'05.92"
T= 65.23
L= 127.61
R= 250.00
E= 8.37

END EXCEPTION *2
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 300+12.23
N 1437962.9784
E 2171763.0912

EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
299+51
299+51.08 POB
299+78.52 P.C.
300+00
301+00
301+06.15 P.T.
302+00
303+00
304+00
SIDEWALK
BRICK PAVERS
N02°34'23.7"W
Curve* 25
N31°49'07.2"W
℄ CONSTRUCTION BURNT HICKORY RD.
DRAWING No. 54.3-0029
MATCH LINE STA. 304+00
WHITLOCK AVE / SR 120
BRICK PAVERS
TEMP EASM'T 1
TEMP EASM'T 2
SIDEWALK
SIDEWALK
Ds4
Ds3 Ss
RACETRAC MARKET
(BY OTHERS)
"EXISTING DETENTION POND"

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0028

7/31/2015 GPLN

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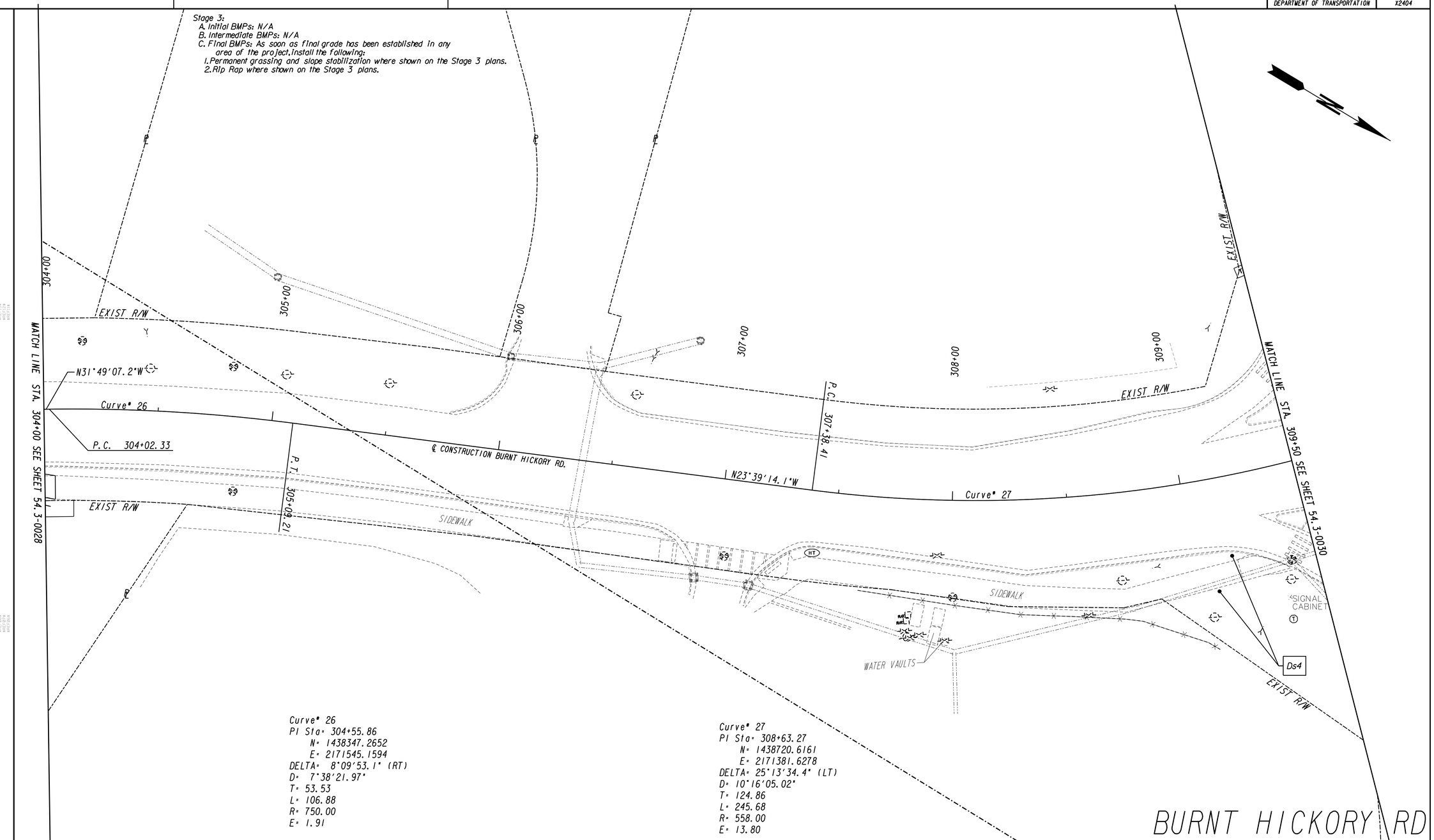
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.



Curve° 26
PI Sta= 304+55.86
N= 1438347.2652
E= 2171545.1594
DELTA= 8°09'53.1" (RT)
D= 7°38'21.97"
T= 53.53
L= 106.88
R= 750.00
E= 1.91

Curve° 27
PI Sta= 308+63.27
N= 1438720.6161
E= 2171381.6278
DELTA= 25°13'34.4" (LT)
D= 10°16'05.02"
T= 124.86
L= 245.68
R= 558.00
E= 13.80

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

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54.3-0029

7/31/2015 GPLN

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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

POLK STREET EXT

EXIST R/W

Ds3 Ss

Ds4

EXISTING ROAD

REQ'D R/W

18'

18'

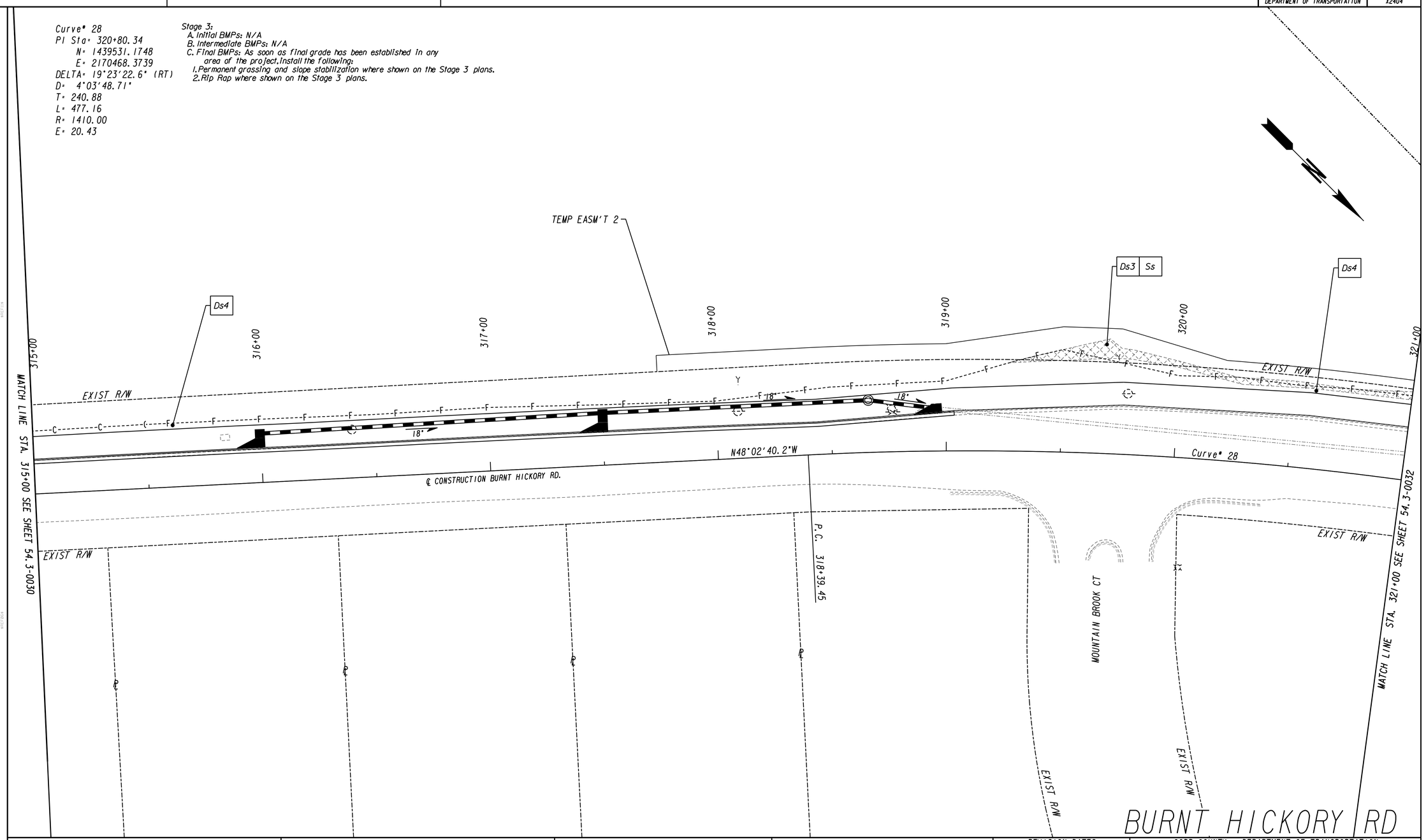
3'

3'

3

Curve* 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0031

7/31/2015 GPLN

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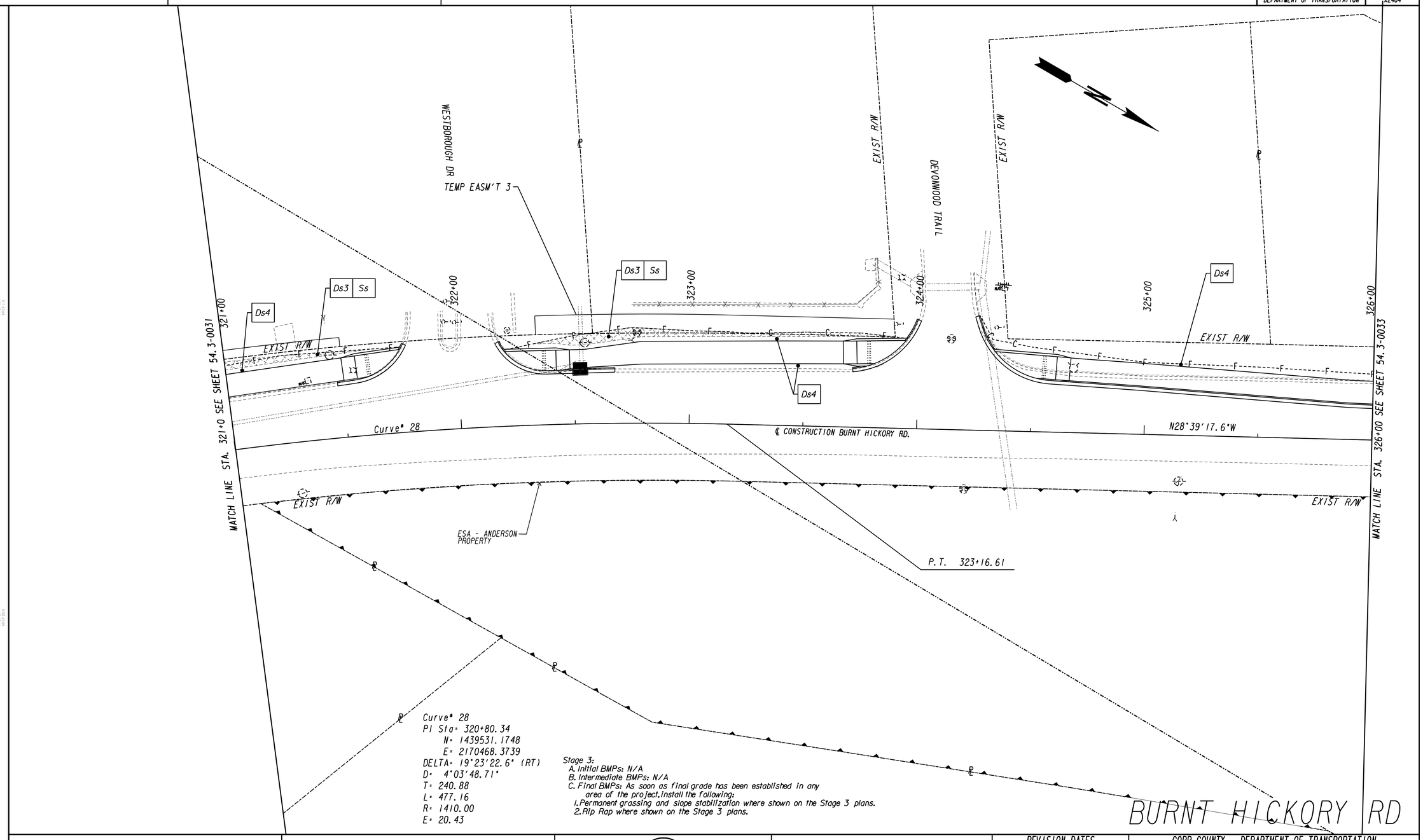
COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404



Curve* 28
PI Sta* 320+80.34
N* 1439531.1748
E* 2170468.3739
DELTA* 19°23'22.6" (RT)
D* 4°03'48.71"
T* 240.88
L* 477.16
R* 1410.00
E* 20.43

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
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VERIFIED:		DATE:	

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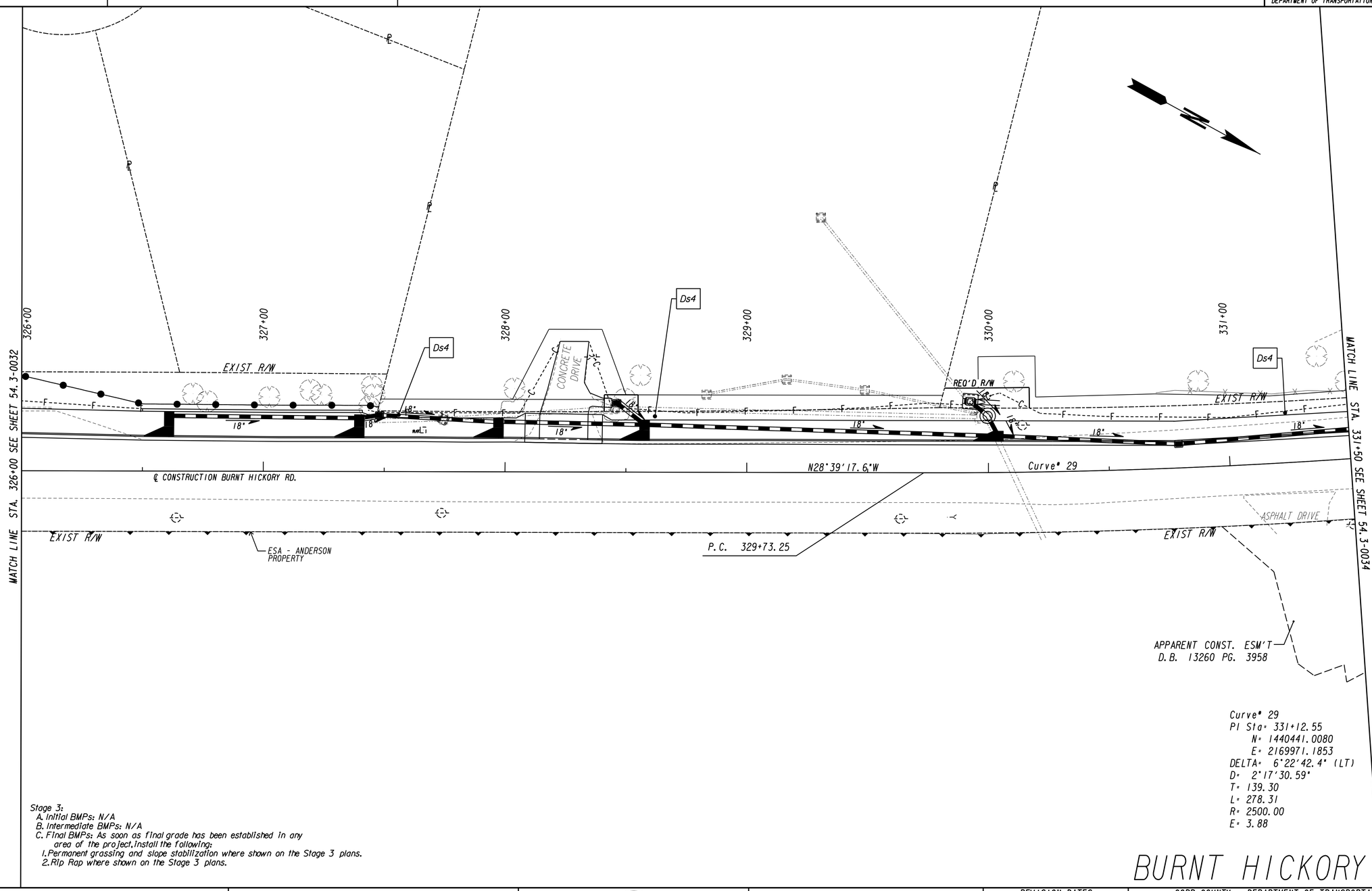
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Curve# 29
PI Sta= 331+12.55
N= 1440441.0080
E= 2169971.1853
DELTA= 6°22'42.4" (LT)
D= 2°17'30.59"
T= 139.30
L= 278.31
R= 2500.00
E= 3.88

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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54.3-0033

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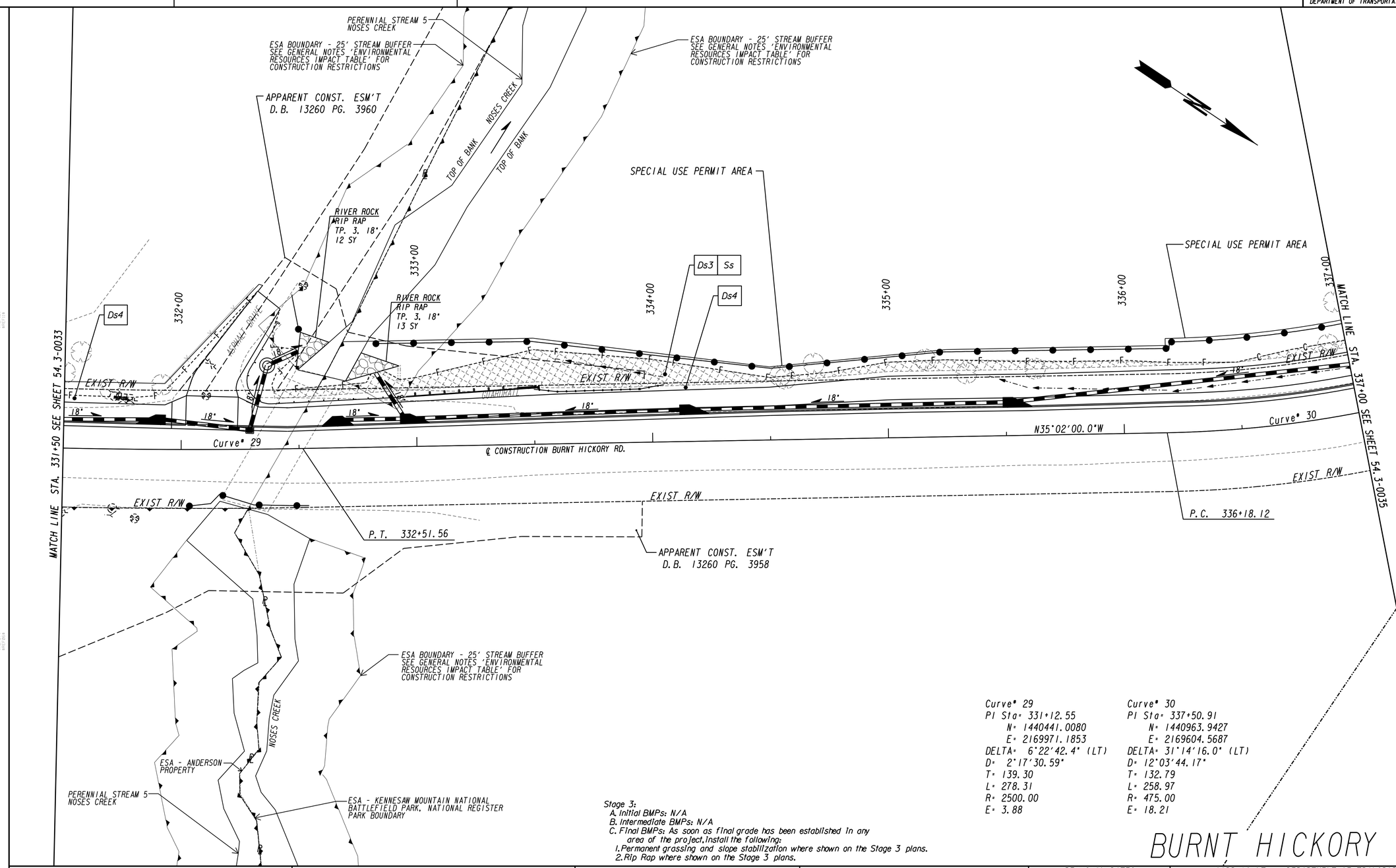
USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404



Curve# 29
PI Sta= 331+12.55
N= 1440441.0080
E= 2169971.1853
DELTA= 6°22'42.4" (LT)
D= 2°17'30.59"
T= 139.30
L= 278.31
R= 2500.00
E= 3.88

Curve# 30
PI Sta= 337+50.91
N= 1440963.9427
E= 2169604.5687
DELTA= 31°14'16.0" (LT)
D= 12°03'44.17"
T= 132.79
L= 258.97
R= 475.00
E= 18.21

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.3-0034

7/31/2015 GPLN

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COBB COUNTY DEPARTMENT OF TRANSPORTATION | Project No. X2404

WETLAND 6

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

RIVER ROCK RIP RAP TP. 3, 18" 8 SY

Ds4 | Ds3 | Ss

337+00

338+00

339+00

340+00

341+00

342+00

MATCH LINE STA. 337+00 SEE SHEET 54.3-0034

MATCH LINE STA. 342+00 SEE SHEET 54.3-0036

EXIST R/W

18"

Curve# 30

N66°16'16.0"W

Curve# 31

N67°25'48.6"W

℄ CONSTRUCTION BURNT HICKORY RD.

P.T. 338+77.09

P.C. 339+73.20

P.T. 340+89.10

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve# 30
PI Sta= 337+50.91
N= 1440963.9427
E= 2169604.5687
DELTA= 31°14'16.0" (LT)
D= 12°03'44.17"
T= 132.79
L= 258.97
R= 475.00
E= 18.21

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

Curve# 31
PI Sta= 340+31.15
N= 1441079.3764
E= 2169341.9631
DELTA= 1°09'32.6" (LT)
D= 1°00'00.00"
T= 57.95
L= 115.90
R= 5729.58
E= 0.29

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0035

7/31/2015 GPLN

8/6/2020 5:11:39 PM $PRF8$ J:\2017030\0015279\DGN\0015279_54.3-0036_(BH).dgn

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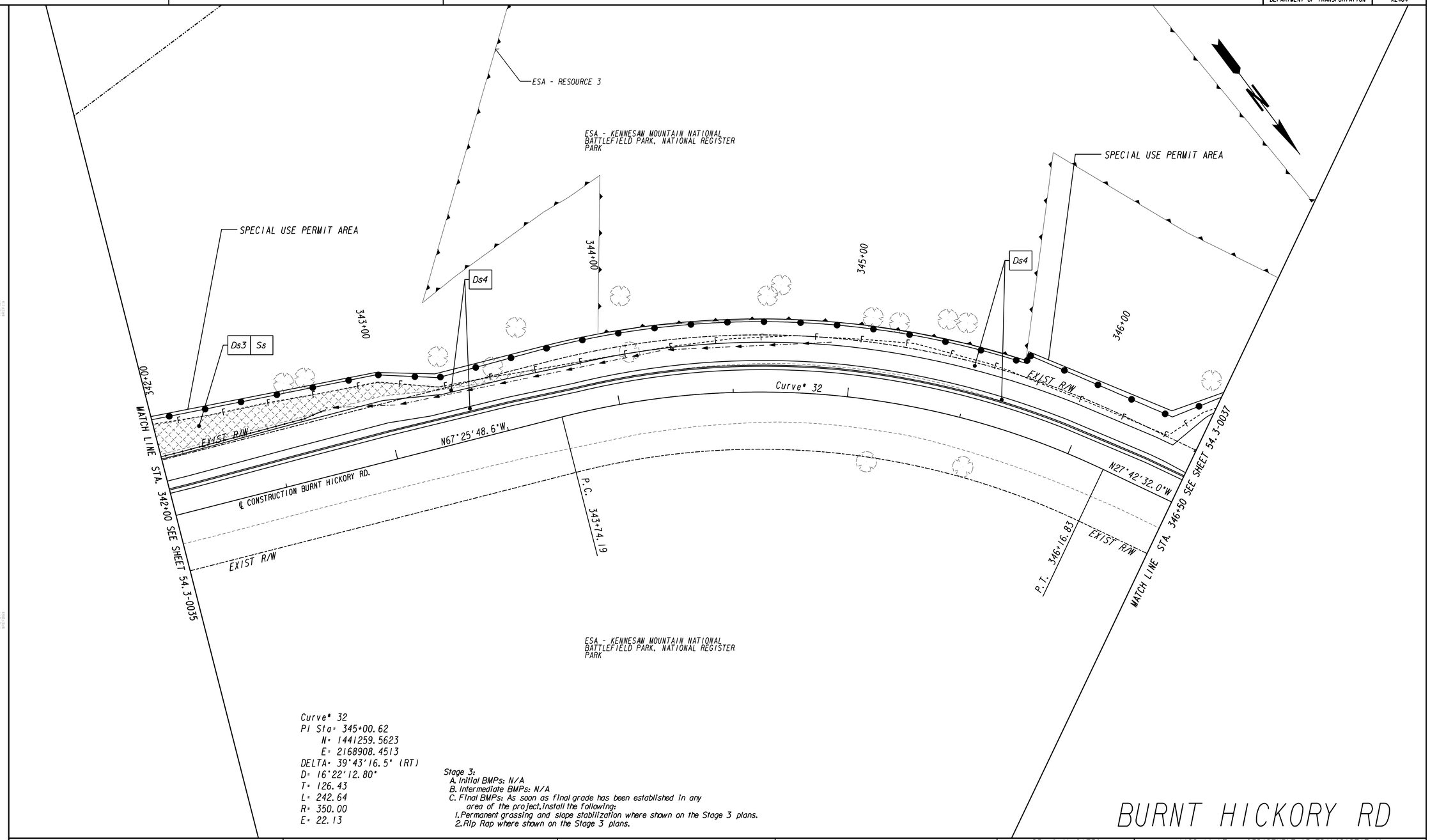
COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404



Curve# 32
PI Sta: 345+00.62
N: 1441259.5623
E: 2168908.4513
DELTA: 39°43'16.5" (RT)
D: 16°22'12.80"
T: 126.43
L: 242.64
R: 350.00
E: 22.13

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.3-0036

7/31/2015 GPLN

8/6/2020 5:11:45 PM
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COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

WETLAND 7

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 8

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 3

SPECIAL USE PERMIT AREA

RIVER ROCK RIP RAP TP. 3, 18" 36 SY

Ds4

SPECIAL USE PERMIT AREA

Ds3 | Ss

Ds4

347+00

348+00

349+00

350+00

351+00

36"RCP F/L:1057.52

MATCH LINE STA. 351+00 SEE SHEET 54.3-0038

MATCH LINE STA. 346+50 SEE SHEET 54.3-0036

EXIST R/W

EXIST R/W

EXIST R/W

EXIST R/W

18"

18"

Curve# 33

PROPOSED NPS TRAIL (BY OTHERS)

℄ CONSTRUCTION BURNT HICKORY RD.

N27°42'32.0"W

P.C. 347+86.35

24"RCP F/L:1063.18

24"RCP F/L:1062.45

WETLAND 9

36"RCP F/L:1060.31

DES SERVICE ROAD

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 8

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 4

Curve# 33
PI Sta: 350+03.78
N: 1441714.0596
E: 2168669.7448
DELTA: 47°00'17.0" (LT)
D: 11°27'32.96"
T: 217.43
L: 410.19
R: 500.00
E: 45.23

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.3-0037

7/31/2015 GPLN

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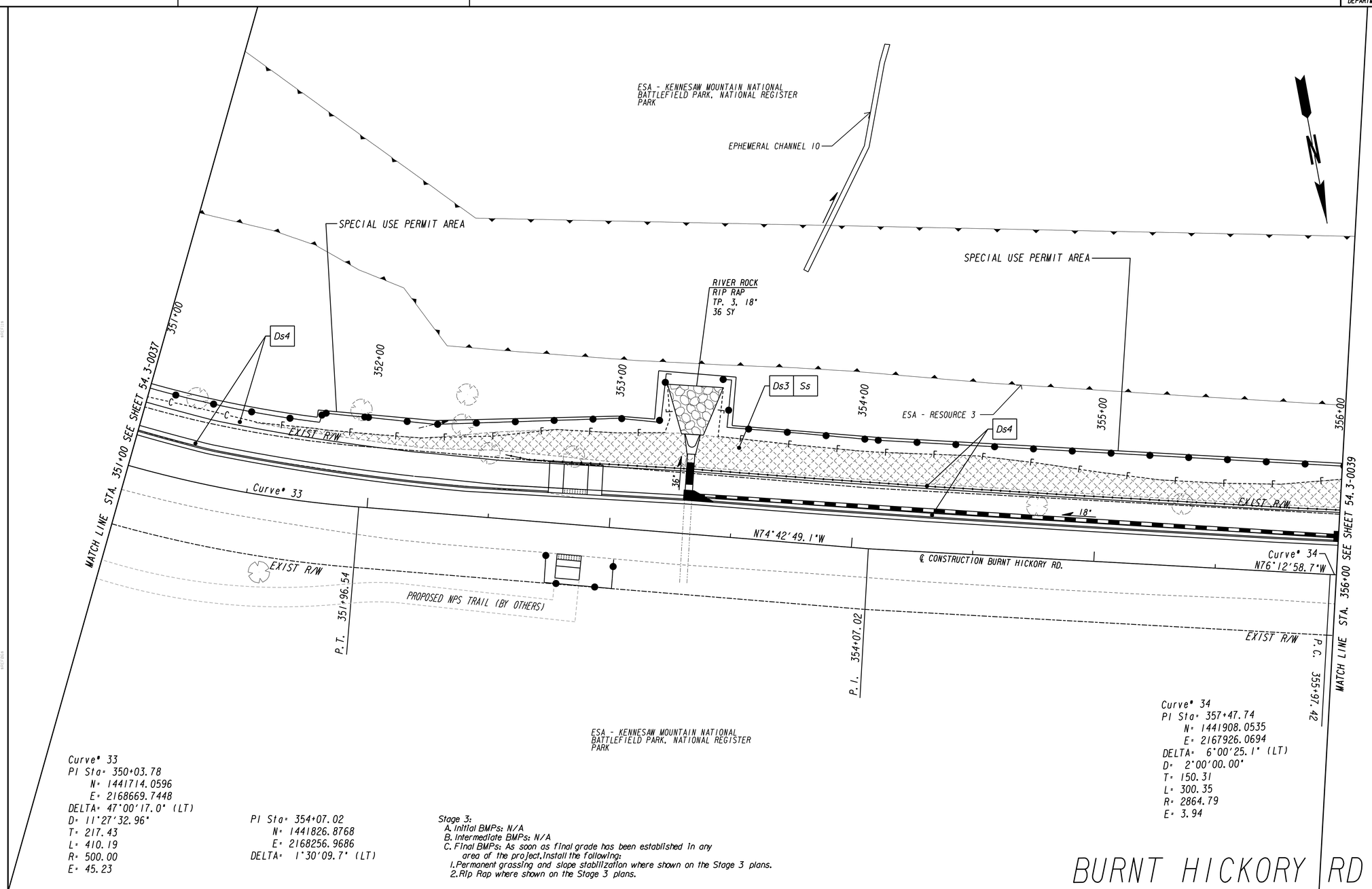
COBB COUNTY
DEPARTMENT OF TRANSPORTATION

Project No.
X2404



Curve# 33
PI Sta: 350+03.78
N: 1441714.0596
E: 2168669.7448
DELTA: 47°00'17.0" (LT)
D: 11°27'32.96"
T: 217.43
L: 410.19
R: 500.00
E: 45.23

PI Sta: 354+07.02
N: 1441826.8768
E: 2168256.9686
DELTA: 1°30'09.7" (LT)

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

Curve# 34
PI Sta: 357+47.74
N: 1441908.0535
E: 2167926.0694
DELTA: 6°00'25.1" (LT)
D: 2°00'00.00"
T: 150.31
L: 300.35
R: 2864.79
E: 3.94

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS
STAGE 3 - FINAL PLANS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54.3-0038

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - RESOURCE 2

SPECIAL USE PERMIT AREA

SPECIAL USE PERMIT AREA

ESA - RESOURCE 3

P.T. 500+13.09

P.C. 500+09.63

356+00

357+00

358+00

359+00

360+00

361+00

Ds3 | Ss

Ds4

Ds4

EXIST R/W

EXIST R/W

500+00

EXIST R/W @ TRAIL ALIGNMENT 2

N82°53'18.8"W

N82°13'23.8"W

Curve° 34

℄ CONSTRUCTION BURNT HICKORY RD.

MATCH LINE STA. 356+00 SEE SHEET 54.3-0038

MATCH LINE STA. 361+50 SEE SHEET 54.3-0040

EXIST R/W

EXIST R/W

EXIST R/W

P.T. 358+97.77

BEGIN TRAIL ALIGNMENT
STA 500+00.00
STA 360+83.01 CHEATHAM HILL RD
16.16' LT
N 1441937.4465
E 2167591.4177

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve° 34
PI Sta= 357+47.74
N= 1441908.0535
E= 2167926.0694
DELTA= 6°00'25.1" (LT)
D= 2°00'00.00"
T= 150.31
L= 300.35
R= 2864.79
E= 3.94

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 54.3-0039

7/31/2015 GPLN

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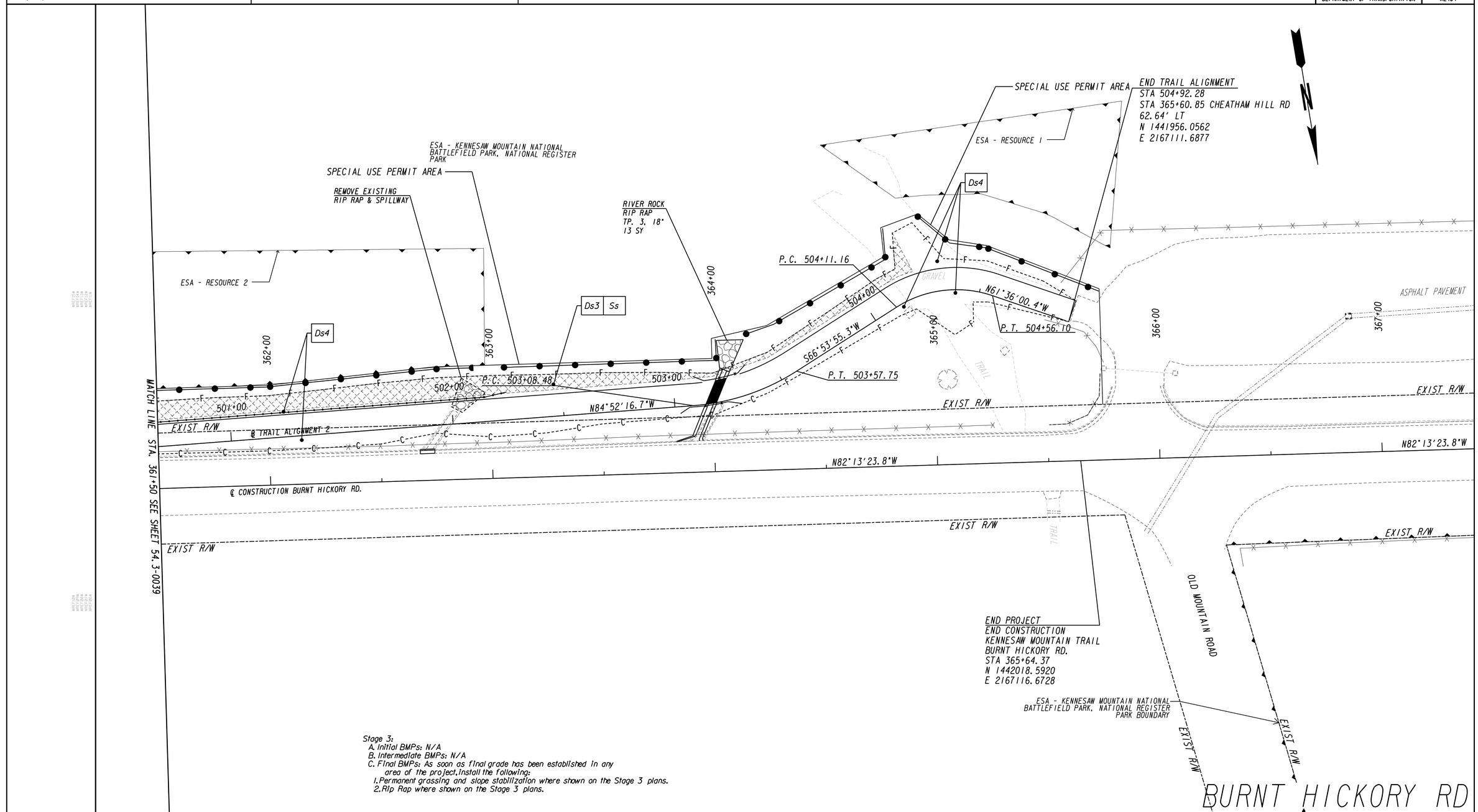
USER:jkelly



Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap where shown on the Stage 3 plans.

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

BMP LOCATION DETAILS

STAGE 3 - FINAL PLANS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 54.3-0040

7/31/2015 GPLN

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USER:jkelly

COBB COUNTY DEPARTMENT OF TRANSPORTATION

Project No. X2404

END PROJECT
END CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 365+64.37
N 1442018.5920
E 2167116.6728

OUTFALL 27
PRIMARY SAMPLING LOCATION
BURNT HICKORY ROAD
STA. 348+62.04 , 49.42' LT

NOSES CREEK

NOSES CREEK

LIMIT OF CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
S.R. 120/ WHITLOCK AVE.
END EXCEPTION #1
STA 200+16.83
N 1435433.2809
E 2163559.0363

NOSES CREEK CONTRIBUTING
SQ. MILES = 2.49

LIMIT OF CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
END EXCEPTION #2
STA 299+74.90
N 1437925.9740
E 2171767.0007

LIMIT OF CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
CHEATHAM HILL ROAD
BEGIN EXCEPTION #1
STA 119+31.17
N 1432659.7433
E 2163303.0944

NOSES CREEK

LIMIT OF CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
S.R. 120/ WHITLOCK AVE.
BEGIN EXCEPTION #2
STA 225+42.55
N 1435520.6798
E 2166063.9289

OUTFALL 10
PRIMARY SAMPLING LOCATION
CHEATHAM HILL ROAD
STA. 86+70.04, 34.86' RT

JOHN WARD CREEK

RECEIVING WATER 33 DN
PRIMARY SAMPLING LOCATION
CHEATHAM HILL ROAD
STA. 53+80.00 , 25.00' LT

RECEIVING WATER 33 UP
PRIMARY SAMPLING LOCATION
CHEATHAM HILL ROAD
STA. 53+70.00 , 30.00' RT

OUTFALL 1
PRIMARY SAMPLING LOCATION
CHEATHAM HILL ROAD
STA. 24+37.90, 29.56' LT

WARD CREEK

JOHN WARD CREEK

WARD CREEK CONTRIBUTING
SQ. MILES = 5.85

BEGIN PROJECT
BEGIN CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
CHEATHAM HILL ROAD
STA 10+63.23
N 1423015.8165
E 2166106.4406

TOTAL DISTURBED AREA = 13.25 AC
TOTAL PROJECT AREA = 14.77 AC

REVISION DATES

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393

SCALE IN FEET
0 1500 3000 4500

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

WATERSHED MAP SITE MONITORING PLAN

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

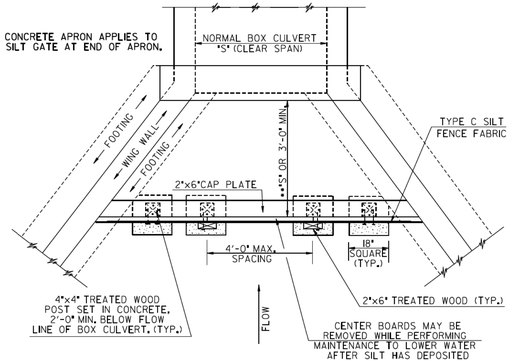
CHECKED:		DATE:	DRAWING No.
BACKCHECKED:		DATE:	55-0001
CORRECTED:		DATE:	
VERIFIED:		DATE:	

7/31/2015 GPLN

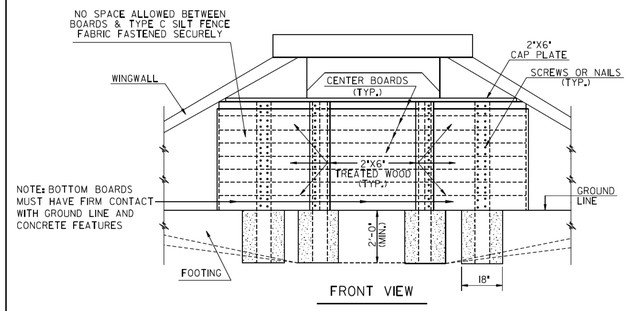
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

TYPE 1 - FOR BOX CULVERTS

** IF AN EXISTING CONCRETE APRON APPLIES TO INLET, INSTALL SILT GATE AT END OF APRON.



TOP VIEW

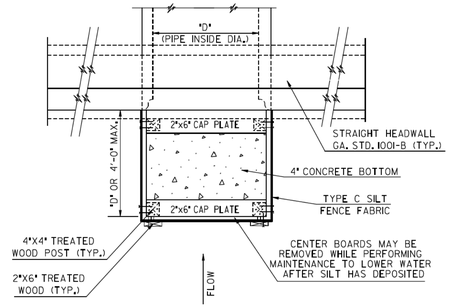


FRONT VIEW

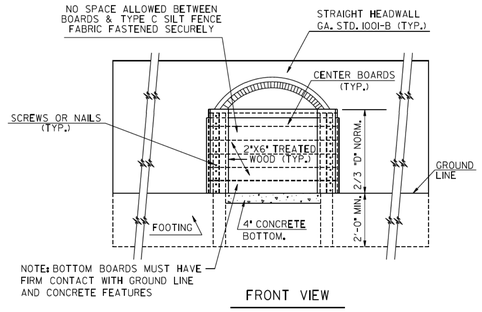
SILT CONTROL GATE TYPE 1 NOTES:

1. REFER TO GA. STD 2332 FOR CONCRETE APRONS.
2. SEE SECTION 163 FOR THE REMOVAL OF TYPE 1 SILT CONTROL GATES.

TYPE 2 - FOR STRAIGHT HEADWALLS

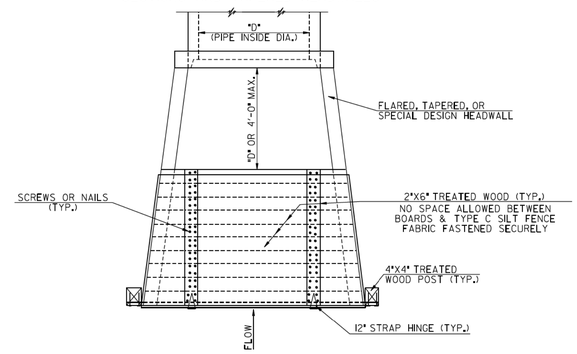


TOP VIEW

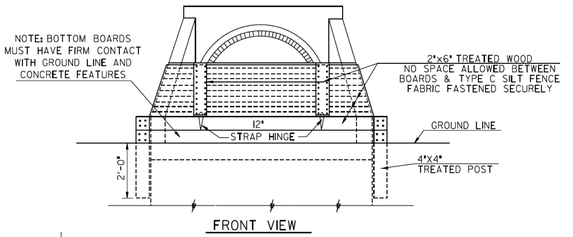


FRONT VIEW

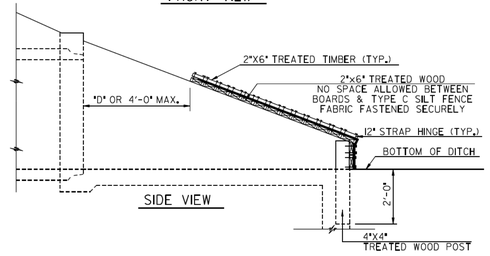
TYPE 3 - FOR FLARED END SECTIONS AND TAPERED HEADWALLS



TOP VIEW



FRONT VIEW



SIDE VIEW

GENERAL NOTES:

1. A SILT CONTROL GATE IS A TEMPORARY STRUCTURE PLACED AT INLETS TO FORM A BASIN FOR TRAPPING SEDIMENT.
2. SILT GATES SHALL NOT BE USED ON STRUCTURES THAT CONVEY STATE WATERS.
3. SILT GATES SHALL ONLY BE USED ON DRAINAGE AREAS UP TO 50-ACRES WITH NO MORE THAN 5-ACRES DISTURBED WITHIN THE DRAINAGE AREA.
4. USE WOOD SCREWS OR NAILS TO CONNECT WOOD COMPONENTS WITH NO SPACE ALLOWED BETWEEN BOARDS. TYPE C SILT FENCE FABRIC MUST BE FASTENED SECURELY WITH STAPLES OR NAILS TO OUTSIDE FACE OF BOARDS AND COVERING ALL BUTT-JOINTS BETWEEN BOARDS. OVERLAP ADDITIONAL SILT FENCE FABRIC A MINIMUM OF 12-INCHES.
5. REMOVE SEDIMENT WHEN IT REACHES ONE-THIRD THE HEIGHT OF SILT CONTROL GATE AND SILT FENCE FABRIC SHALL BE REPLACED WHEN DAMAGED OR DETERIORATED.

PAY ITEMS:

163-0501	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 1	(EA)
163-0502	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 2	(EA)
163-0503	CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3	(EA)
165-0085	MAINTENANCE OF SILT CONTROL GATE, TP 1	(EA)
165-0086	MAINTENANCE OF SILT CONTROL GATE, TP 2	(EA)
165-0087	MAINTENANCE OF SILT CONTROL GATE, TP 3	(EA)

BY	DATE	REVISION
DLE	4-22-16	MOD. FABRIC & ADD. NOTES
TPC	1-19-11	MOD. & REV. SILT GATE NOTES
		REMOVE INLET SEDIMENT TRAP
	3-21-05	REV. LUMBER SIZES
GLO	10-7-02	REV. SPECIFICATION
MGR		ADDED PAYMENT NOTE

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

SILT CONTROL GATES FOR STRUCTURES TYPE - 1, 2, AND 3

NO SCALE — REV. & REDR. DEC., 2000

NUMBER D-20

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL CONTRUCTION DETAILS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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VERIFIED:		DATE:	

DRAWING No. 56-0001

7/31/2015 GPLN

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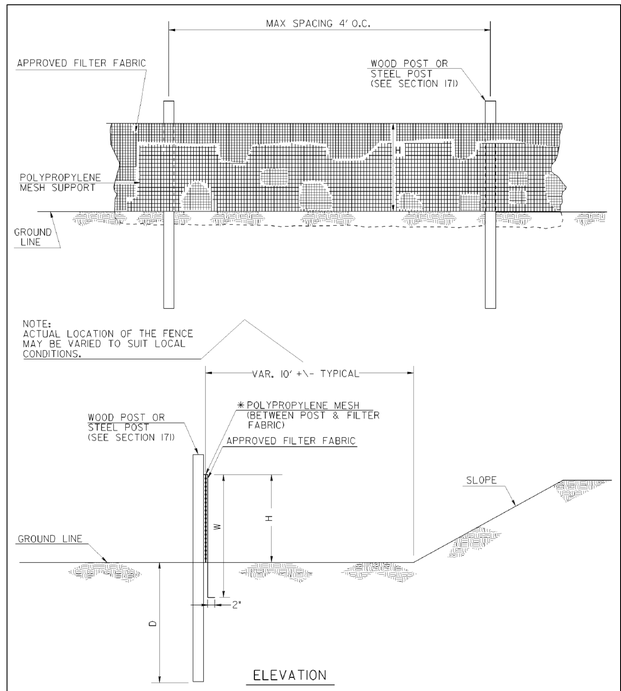
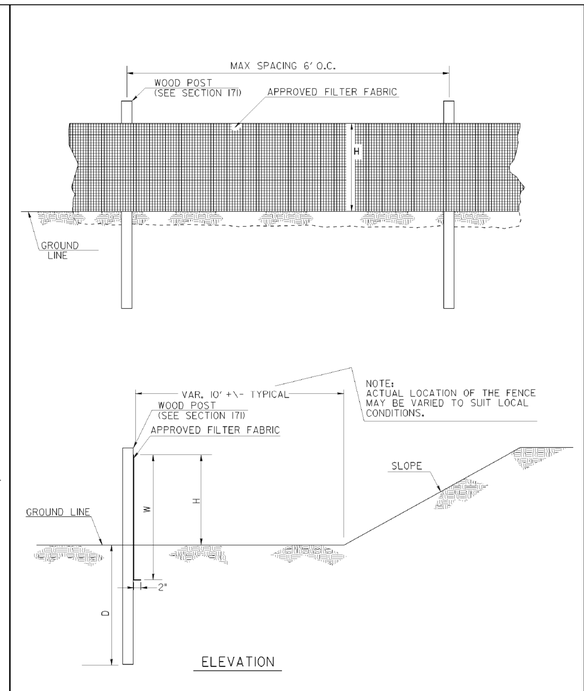
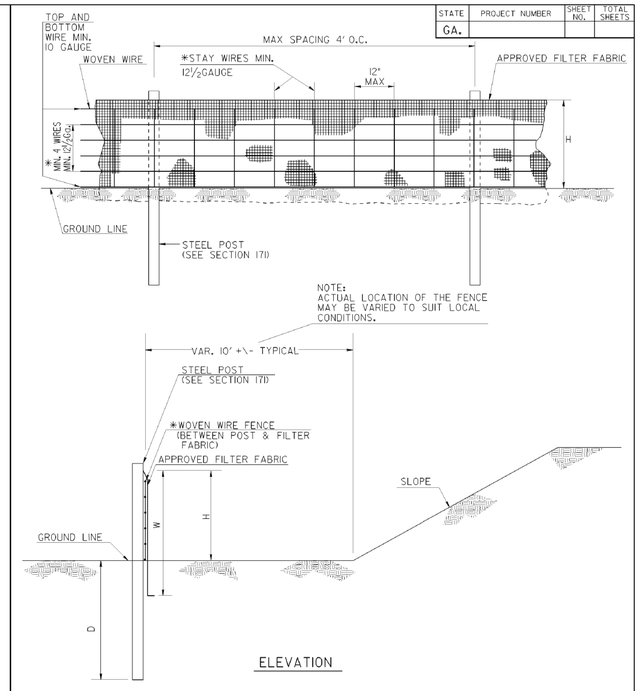


SINGLE ROW TYPE C SILT FENCE WITH POLYPROPYLENE MESH SUPPORT



SINGLE ROW TYPE A SILT FENCE



SINGLE ROW TYPE C SILT FENCE WITH WOVEN WIRE SUPPORT

FENCE TYPE	POST LENGTH	H	D	W	TYPICAL USES
TYPE "A"	4 FT.	2'-4"	1'-6"	3'-0"	
TYPE "C"	4 FT.	2'-4"	1'-6"	3'-0"	AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D.

NOTES:

1. WIRE STAPLES SHALL BE AT LEAST 17 GAUGE, WITH LEGS AT LEAST ½ INCHES LONG AND A CROWN AT LEAST ¾INCHES WIDE. NAILS SHALL BE AT LEAST 14 GAUGE, 1INCH LONG , WITH BUTTON HEADS AT LEAST ¾ INCHES WIDE.
2. NAILS OR STAPLES SHALL BE EVENLY PLACED WITH AT LEAST 5 PER POST FOR TYPE A FENCE AND 4 PER POST FOR TYPE C FENCE.
3. THE VERTICAL WIRES FOR THE WOVEN WIRE SUPPORT FENCE SHALL HAVE A MAXIMUM SPACING OF 12 INCHES. THE TOP AND BOTTOM WIRES SHALL BE AT LEAST 10 GAUGE AND ALL OTHER WIRES SHALL BE AT LEAST 12½ GAUGE.
4. TEMPORARY SILT FENCE INSTALLATION IS DIFFERENT THAN THE SILT RETENTION BARRIER INSTALLATION.
5. SEE SECTION 171 FOR SILT FENCE SPECIFICATIONS.
6. SEE SECTION 894 FOR FENCING SPECIFICATIONS.
7. SEE QPL-36 FOR A LIST APPROVED SILT FENCE FABRIC.
8. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS UNLESS PERMITTED.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

TEMPORARY SILT FENCE

NO SCALE REV. AND REDRAWN JAN. 2011

NUMBER D-24A (SHEET 1 OF 4)

DATE | REVISION | BY

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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL CONTRUCTION DETAILS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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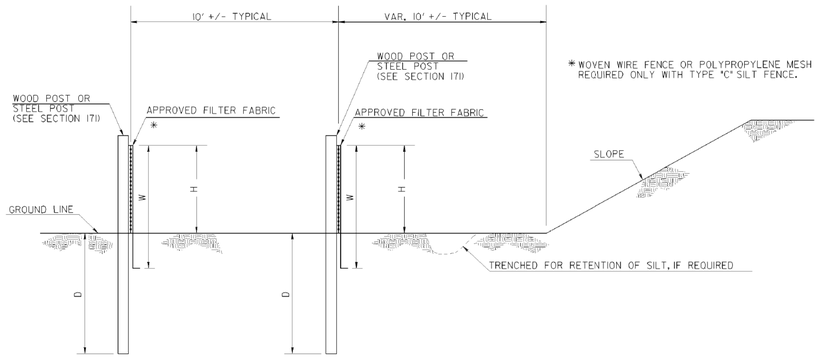
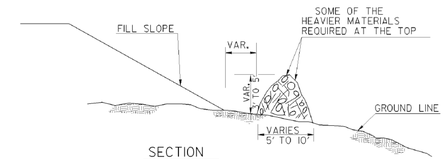


ELEVATION

DOUBLE ROW SILT FENCE

FENCE TYPE	POST LENGTH	H	D	W	TYPICAL USES
TYPE "A"	4 FT.	2'-4"	1'-6"	3'-0"	
TYPE "C"	4 FT.	2'-4"	1'-6"	3'-0"	AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS



SECTION

NOTE: INTERMINGLE BRUSH, LOGS, ETC. SO AS NOT TO FORM A SOLID DAM.

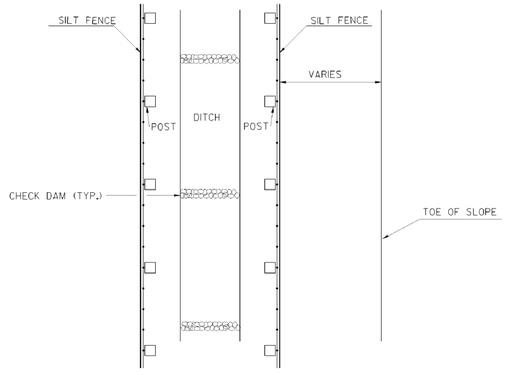
FRONT VIEW

NOTE: BRUSH BARRIER(S) WILL BE INCLUDED IN PAYMENT FOR CLEARING & GRUBBING.

BRUSH BARRIER DETAILS

(FOR USE IN RURAL AREAS)

ELEVATION



PLAN

FENCE TYPE	POST LENGTH	H	D	W	TYPICAL USES
TYPE "A"	4 FT.	2'-4"	1'-6"	3'-0"	
TYPE "C"	4 FT.	2'-4"	1'-6"	3'-0"	AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D.

SILT FENCE
PERIMETER INSTALLATION ALONG DITCH SECTION

NOTE: TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

TEMPORARY SILT FENCE

BERM DITCH, INSTALLATION, BRUSH BARRIER

NO SCALE REV. AND REDRAWN JAN. 2011

NUMBER D-24B (SHEET 2 OF 4)

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MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL CONTRUCTION DETAILS

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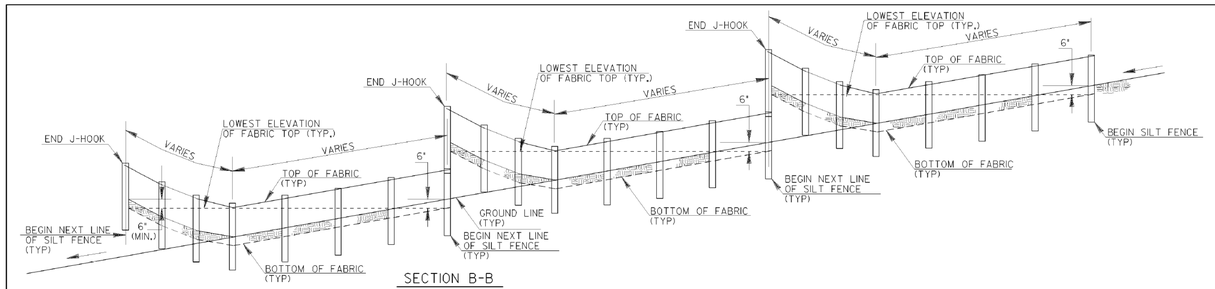
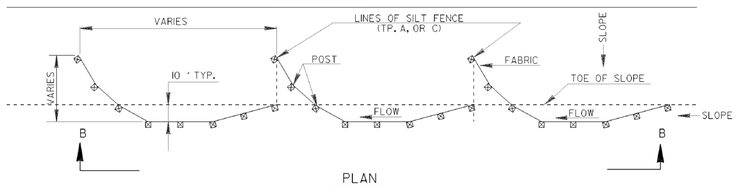
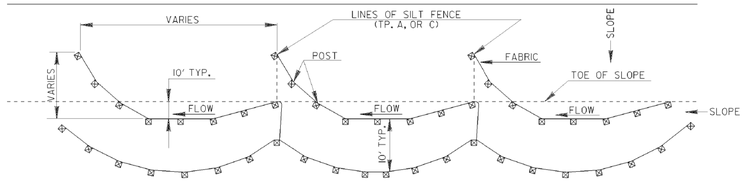


SECTION B-B



PLAN

SINGLE ROW SILT FENCE



PLAN

DOUBLE ROW SILT FENCE

TYPICAL J HOOK SPACING		
SLOPE PERCENT	TYPE OF SILT FENCE	MINIMUM SPACING (FEET)
1% TO 2%	TYPE A	100' ±
2% TO 3%	TYPE A	50' ±
3% TO 4%	TYPE C	50' ±
4% TO 5%	TYPE C	25' ±

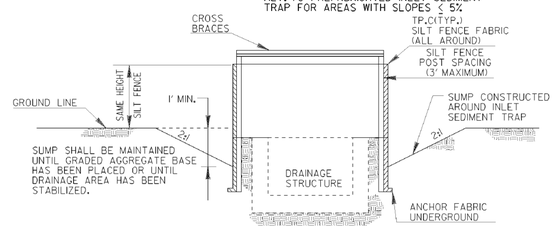
NOTE:

1. IF THE GRADE IS BETWEEN 0 TO 1 PERCENT, THE SILT FENCE SHALL BE PLACED ACROSS THE DITCH.
2. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS.

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

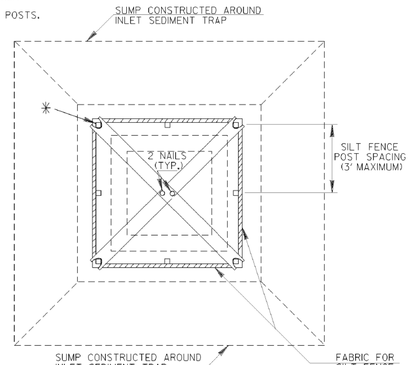
TYPICAL LOCATION AROUND DROP INLETS

ALT. TO PREFABRICATED INLET SEDIMENT TRAP FOR AREAS WITH SLOPES ≤ 5%



ELEVATION

* CROSS BRACING REQUIRED WHEN USING 'ALTERNATE' TYPE C PRODUCTS WHICH USE WOOD POSTS.



PLAN

CROSS BRACES:

TWO - 2 X 4's WITH ENDS TO FIT POST, PROVIDING STURDY SUPPORT, OR AN APPROVED ALTERNATE

NOTE:
PAYMENT AS INLET SEDIMENT TRAP PER EACH.

NOTE:
SEE SEPARATE SHEET ENTITLED 'TEMPORARY SILT FENCE DETAILS' FOR SILT FENCE ERECTION DETAILS.

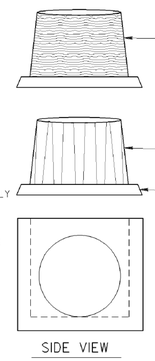
(PLASTIC ALTERNATE)

NOTE:
THE DRAINAGE AREA ENTERING THE INLET SEDIMENT TRAP SHALL BE NO GREATER THAN ONE ACRE.

TYPICAL CONSTRUCTION SEQUENCE FOR INLET SEDIMENT TRAP ALTERNATE

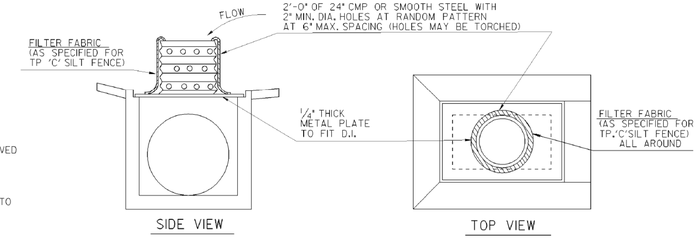
1. EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
2. PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
3. SLIDE THE FILTER OVER THE FRAME.
4. FILL THE FILTER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE FILTER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.
5. BACK FILL AROUND THE FRAME AND FILTER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACK FILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.

NOTE:
INLET SEDIMENT TRAP ALTERNATE SHALL BE AS APPROVED BY THE GA. D.O.T. OFFICE OF MATERIALS & RESEARCH. DETAILS & SPECIFICATIONS NOT SHOWN ARE PER THE MANUFACTURER'S REQUIREMENTS.



SIDE VIEW

(METAL ALTERNATE)



SIDE VIEW

TOP VIEW

NOTE:
INLET SEDIMENT TRAP AND INLET TO BE BUILT CONTINUOUS WITH PIPE

NOTE:
PAYMENT AS INLET SEDIMENT TRAP PER EACH

NOTE: SEE SEPARATE DETAILS FOR SILT FENCE AROUND DROP INLETS.

NOTE: WHERE INLET SEDIMENT TRAPS ARE SPECIFIED, EITHER THE PLASTIC ALTERNATE (LEFT) OR THE METAL ALTERNATE (RIGHT) MAY BE USED AS APPROVED BY THE ENGINEER.

INLET SEDIMENT TRAP - FOR DROP INLETS

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS
TEMPORARY SILT FENCE
J-HOOK, INLET SEDIMENT TRAPS

NO SCALE JANUARY 2011

NUMBER D-24C (SHEET 3 OF 4)

DATE | REVISION | BY

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2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

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COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL CONTRUCTION DETAILS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

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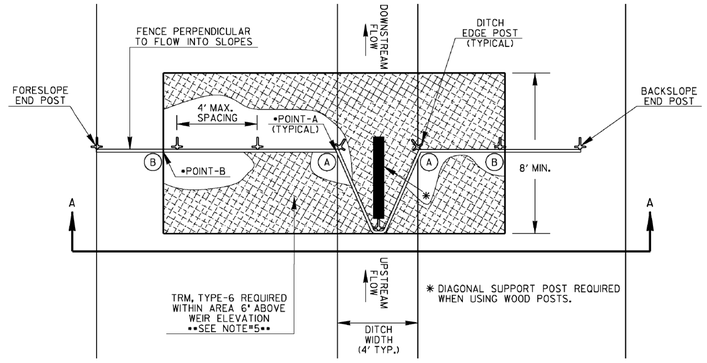
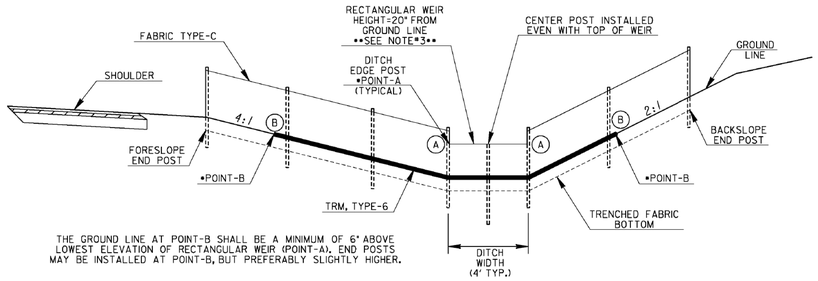


PLAN VIEW

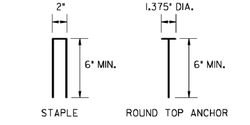
TYPICAL FABRIC CHECK DAM SPACING	
GRADE OF DITCH	MINIMUM SPACING (FEET)
LESS THAN 1%	100' ±
1% TO 3%	75' ±
3% TO 6%	50' ±
6% TO 8%	25' ±



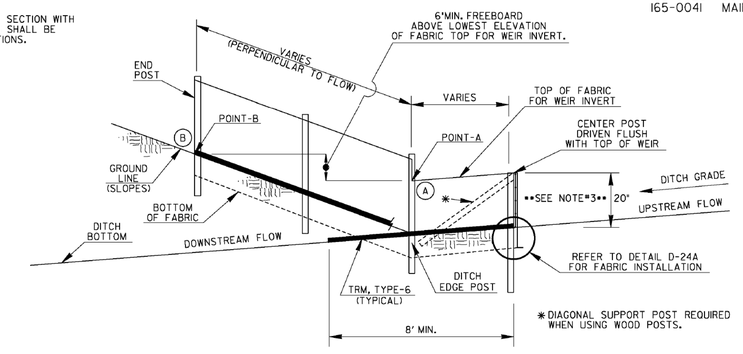
SECTION A-A

NOTE: CROSS-SECTION SHOWN IS AN EXAMPLE OF A TYPICAL CUT SECTION WITH A 4-FT FLAT BOTTOM DITCH. ACTUAL FABRIC CHECK DAMS SHALL BE INSTALLED SIMILARLY ACCORDING TO ROADWAY CROSS-SECTIONS.

TURF REINFORCEMENT MATTING ANCHOR



NOTE: TURF REINFORCEMENT MATTING SHALL BE ANCHORED WITH 8-GAUGE METAL STAPLES OR ROUND TOP ANCHORS. ANCHORS SHALL BE LONG ENOUGH TO PROVIDE SUFFICIENT GROUND PENETRATION TO RESIST PULL OUT.



NOTES:

1. FABRIC CHECK DAMS MAY BE USED FOR FLOWS UP TO 2.0-CFS. A ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM POINT FOR FLOWS GREATER THAN 2.0-CFS.
2. FABRIC CHECK DAMS SHALL NOT BE PLACED WITHIN FLOWING STATE WATERS.
3. FABRIC CHECK DAMS MAY BE USED IN DITCHES WITH DEPTHS AT LEAST 26-IN. IF DITCH DEPTH IS LESS THAN 26-IN, THE WEIR INVERT MAY BE LOWERED SLIGHTLY IN THE FIELD TO PROVIDE 6-IN MINIMUM FREEBOARD ABOVE POINT-A OR TO MATCH SPACING OF WIRE SUPPORT. THE WEIR HEIGHT SHALL BE NO LESS THAN 15-IN. THE DESIGNER SHALL CONSIDER OTHER APPROPRIATE BMPs FOR CONCENTRATED FLOW FOR DITCH DEPTHS LESS THAN 26-IN.
4. THE FOLLOWING STEPS ARE RECOMMENDED FOR PROPER FABRIC CHECK DAM INSTALLATION:
   A) DETERMINE DITCH CENTERLINE AND USE A LINE LEVEL OR OTHER MEANS TO FIND POINT-B WITHIN THE DITCH FORESLOPE AND BACKSLOPE TO PROVIDE 6-IN MINIMUM FREEBOARD ABOVE POINT-A.
   B) CREATE TRENCH 6-IN BELOW DITCH GRADE TO FIT LAYOUT FROM STEP-A WITH MINIMAL SOIL DISTURBANCE.
   C) LAYOUT TURF REINFORCEMENT MATTING (TRM), TYPE-6 TO PROVIDE PROTECTION A MINIMUM LENGTH OF 8-FT DOWNSTREAM OF CENTER POST TO FUNCTION AS A SPLASH PAD TO PREVENT SCOURING. ADDITIONAL NECESSARY TRM SHALL BE OVERLAPPED 3-FT. THE WIDTH SHALL BE THE DISTANCE BETWEEN POINT-B ON THE DITCH FORESLOPE AND POINT-B ON BACKSLOPE.
   D) INSTALL FENCE POSTS THROUGH TRM WITHIN TRENCH. CENTER POST AND POSTS WITHIN WEIR AREA SHALL BE INSTALLED FLUSH WITH WEIR. CUT TRM WITHIN TRENCH FOLLOWING CHECK DAM LAYOUT AND SAVE UPSTREAM PORTION OF TRM FOR FURTHER USE.
   E) PROPERLY INSTALL TYPE-C SILT FENCE. TRENCH BACKFILL SHALL BE COMPACTED WITH A HAND TAMPER, JUMPING JACK COMPACTOR, OR PLATE COMPACTOR TO PREVENT UNDERMINING.
   F) INSTALL PREVIOUSLY CUT TRM FROM STEP-D UPSTREAM AGAINST CHECK DAM, INSTALLING UPSTREAM AND DOWNSTREAM TRM ACCORDING TO DETAIL D-35 FOR THIS TEMPORARY APPLICATION IS NOT REQUIRED. HOWEVER, TRM SHALL HAVE PROPER CONTACT WITH GROUND SURFACE, ANCHORED 6-IN MAXIMUM SPACING ALONG THE EDGES, AND ADEQUATELY WITHIN THE MATTED AREA.
5. TEMPORARY INSTALLATION OF TRM WITH FABRIC CHECK DAMS SHALL BE INCLUDED IN THE LINEAR COST OF THE CONSTRUCTION, REMOVAL, AND MAINTENANCE OF EACH FABRIC CHECK DAM. NO ADDITIONAL PAYMENT WILL BE MADE.

PAY ITEMS:
163-0528 CONSTRUCT & REMOVE FABRIC CHECK DAM, TYPE-C SILT FENCE (LF)
165-0041 MAINTENANCE OF CHECK DAMS - ALL TYPES (LF)

REVISION	BY	DATE

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS
TEMPORARY SILT FENCE
FABRIC CHECK DAM

NO SCALE REV. AND REDRAWN, JULY 2015

NUMBER D-24D (SHEET 4 OF 4)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
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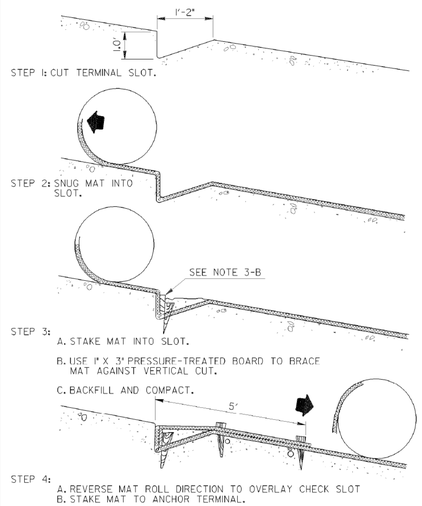
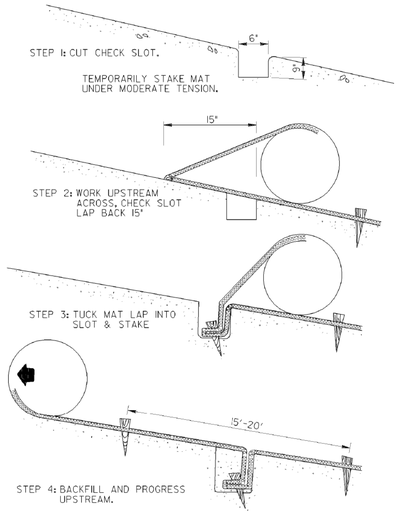
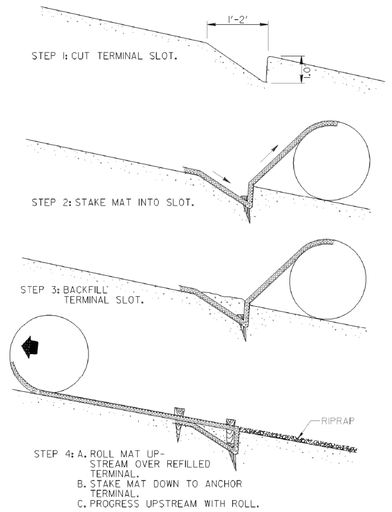


UPSTREAM TERMINAL

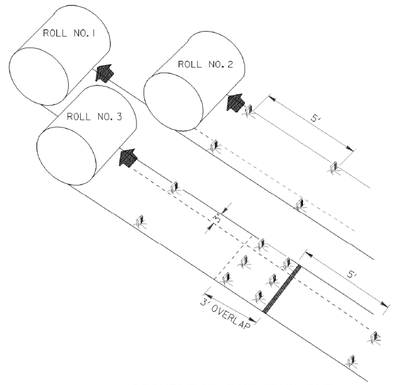


TRANSVERSE CHECK SLOT



DOWNSTREAM TERMINAL

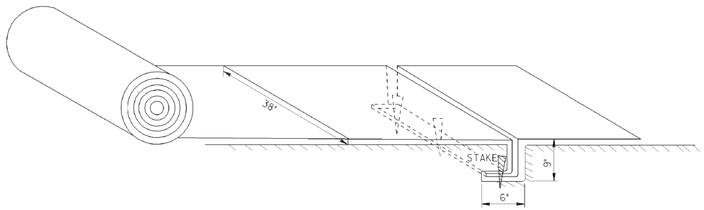
METAL MATTING - BLANKET STAPLE



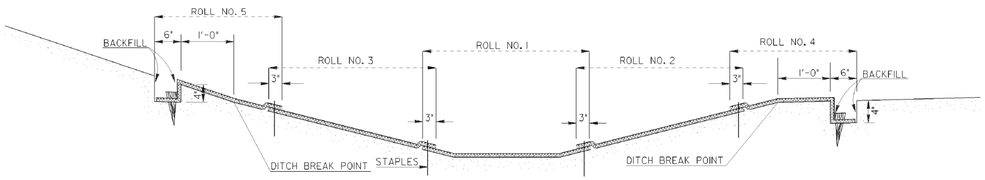
SEQUENTIAL ROLL RUN OUT IN CHANNELS

GENERAL NOTES

1. INSTALLATION TO BE DONE AS PER MANUFACTURER'S RECOMMENDATIONS.
2. START AT DOWNSTREAM TERMINAL AND PROGRESS UPSTREAM.
3. FIRST ROLL IS CENTERED LONGITUDINALLY IN MID CHANNEL AND PINNED WITH TEMPORARY STAKES TO MAINTAIN ALIGNMENT.
4. SUBSEQUENT ROLLS FOLLOW IN STAGGERED SEQUENCE BEHIND FIRST ROLL. USE CENTER ROLL FOR ALIGNMENT TO CHANNEL CENTER.
5. WORK OUTWARDS FROM CHANNEL CENTER TO EDGE.
6. USE 3" OVERLAP AND STAKE AT 5' INTERVAL ALONG SEAMS.
7. USE 3' OVERLAPS AND SHINGLE DOWNSTREAM TO CONNECT LINING AT ROLL ENDS.
8. METAL STAPLES MAY BE USED IN LIEU OF WOODEN STAKES.



PICTORAL VIEW OF TRANSVERSE SLOT



DITCH SECTION

NOTE: MAT TO BE PLACED ONE FEET ABOVE DITCH BREAK POINT OR ONE FOOT ABOVE THE 25 YEAR STORM.

DATE	REVISION	BY
1-19-11	REVISED SHEET LAYOUT & ADDED DITCH SECTION, ADDED METAL STAPLE.	T.P.C.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS
PERMANENT SOIL REINFORCING MAT
(TURF REINFORCING MATS)
INSTALLATION ON DITCHES

NO SCALE — AUGUST 1988

Designed
Drawn KLJ
Traced
Checked

NUMBER D-35

7/31/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

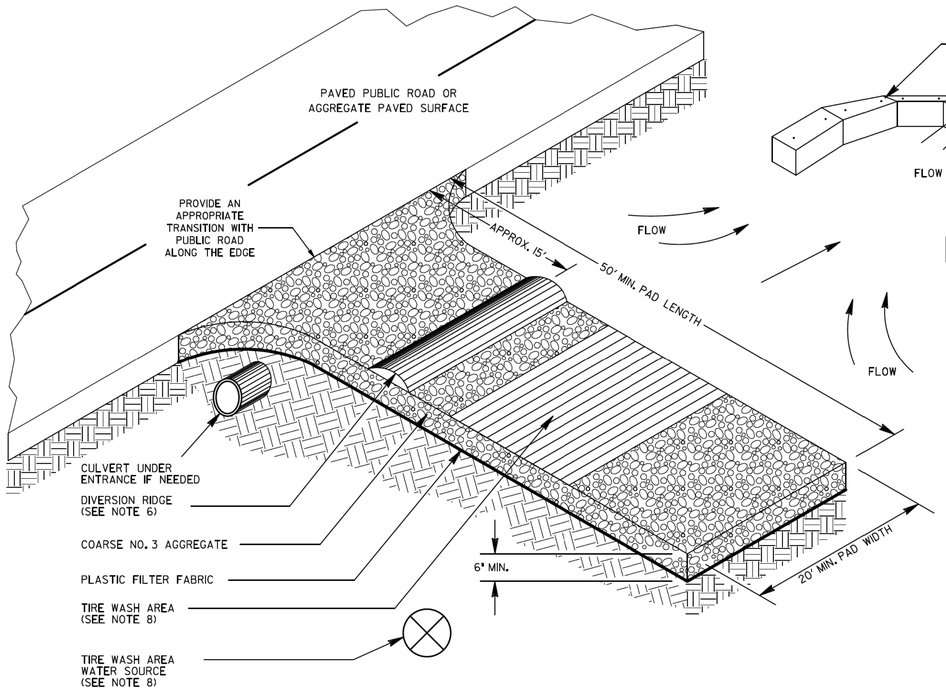
EROSION CONTROL CONTRUCTION DETAILS

KENNESAW MTN PEDESTRIAN IMPROVEMENTS

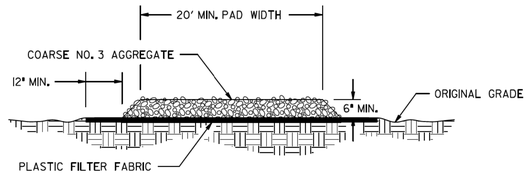
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 56-0006

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



ENTRANCE ELEVATION



GENERAL NOTES:

1. AVOID LOCATING CONSTRUCTION EXITS ON STEEP SLOPES OR AT SHARP CURVES ON PUBLIC ROADS. CONSTRUCTION EXITS ARE NOT REQUIRED FOR DIRT PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA AND GRADE FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE COARSE NO. 3 AGGREGATE WITH 0.0% PASSING THE 1.06 INCH U.S. STANDARD SIEVE.
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6 INCHES AND PLACED ON APPROVED PLASTIC FILTER FABRIC.
5. GRAVEL PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
6. PROVIDE A TRAVERSABLE DIVERSION RIDGE CONSTRUCTED OF AGGREGATE 6 INCHES TO 8 INCHES HIGH WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
7. INSTALL CULVERT UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD DOES NOT SUFFICIENTLY REMOVE THE MUD PRIOR TO ENTERING PUBLIC ROADS, THE CONTRACTOR SHALL ADD A CONSTRUCTION EXIT TIRE WASH ASSEMBLY TO AN EXISTING CONSTRUCTION EXIT WHEN DIRECTED BY THE ENGINEER. THE CONSTRUCTION EXIT TIRE WASH ASSEMBLY INCLUDES: TIRE WASH AREA, WATER SOURCE, AND SEDIMENT TRAP OR OTHER ACCEPTABLE SEDIMENT STORAGE DEVICE.

   THE WASHING SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE THAT DRAINS INTO A SEDIMENT TRAP OR OTHER ACCEPTABLE SEDIMENT STORAGE DEVICE. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE CONSTRUCTION EXIT TO THE SEDIMENT CONTROL DEVICE. ACCEPTABLE SEDIMENT STORAGE DEVICE EXAMPLES INCLUDE TEMPORARY SEDIMENT TRAPS, HAY BALES OR STONE FILTER RING WITH THE SEDIMENT STORAGE SIZED FOR 67 CUBIC YARDS PER ACRE OF DRAINAGE. TIRE WASHING SHALL BE DONE MANUALLY OR BY EQUIPMENT SUITABLE FOR TRUCK TRAFFIC THAT REMOVES MUD AND DIRT.
9. AGGREGATE SHALL BE KEPT LOOSE OR SCARIFIED WHEN AGGREGATE BECOMES CONSOLIDATED.
10. CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR, AND/OR CLEAN OUT OF ANY MEASURES USED TO TRAP SEDIMENT. MAINTENANCE OF CONSTRUCTION EXIT WILL BE PAID ON THE BASIS OF HAVING OR NOT HAVING A CONSTRUCTION EXIT TIRE WASH ASSEMBLY WHEN DIRECTED BY THE ENGINEER. ALL MUD AND DEBRIS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

   SEE STANDARD SPECIFICATION 163, AND SUPPLEMENTS THERETO FOR THE CONSTRUCTION AND REMOVAL OF CONSTRUCTION EXITS. SEE STANDARD SPECIFICATION 165, AND SUPPLEMENTS THERETO FOR THE MAINTENANCE OF CONSTRUCTION EXITS.

PAY ITEM:

163-0300	CONSTRUCTION EXIT	(EA)
163-0310	CONSTRUCTION EXIT TIRE WASH ASSEMBLY	(EA)
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	(EA)
165-0310	MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH ASSEMBLY	(EA)

04-18-18	REV. TIRE WASH & NOTES	DLE	
04-22-16	REV. CONST. EXIT LABELS	DLE	
01-24-11	REVISION	TPC	

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

CONSTRUCTION EXIT

NO SCALE — FEBRUARY 2001

DESIGNED ____ DRAWN DLE TRACED ____ CHECKED ____

NUMBER D-41

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION

EROSION CONTROL CONTRUCTION DETAILS

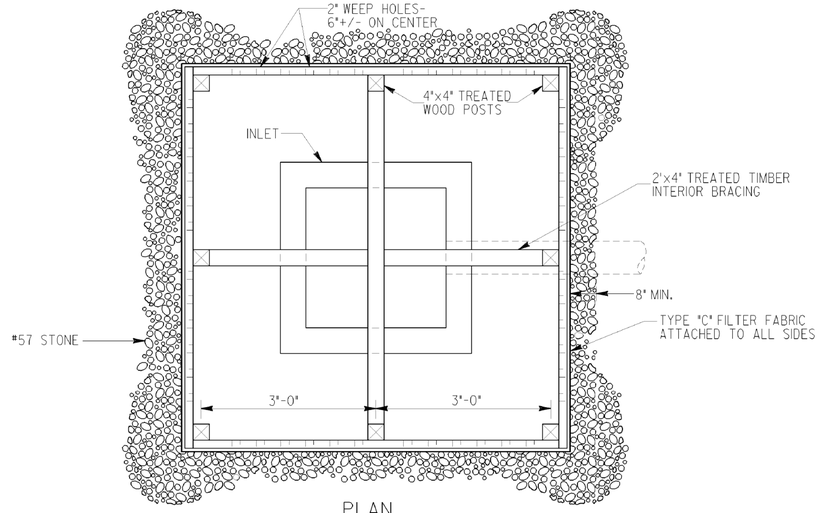
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		56-0007
CORRECTED:		DATE:		
VERIFIED:		DATE:		

7/31/2015 GPLN

7/17/2020 1:15:36 PM $PRF8$ J:\2017030\0015279\DGN\0015279_56-0001.dgn
USER:jkelly
COBB COUNTY DEPARTMENT OF TRANSPORTATION
Project No. X2404

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

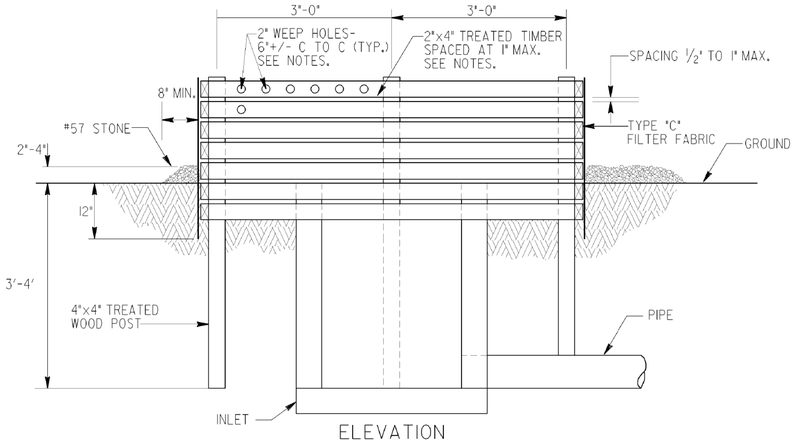


PLAN

NOTES:

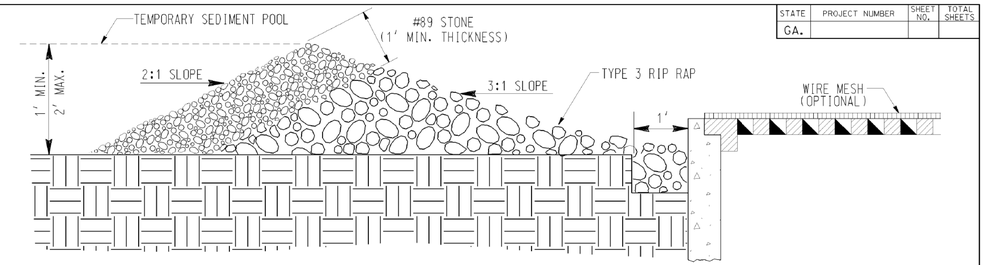
BAFFLE BOX SHALL BE CONSTRUCTED OF 2"x4" TREATED TIMBER SPACED A MAXIMUM OF 1" APART OR OF PLYWOOD WITH WEEP HOLES 2" IN DIAMETER PLACED APPROXIMATELY 6" ON CENTER VERTICALLY AND HORIZONTALLY.

GRAVEL SHALL BE PLACED OUTSIDE THE BOX, ALL AROUND THE INLET, TO A DEPTH OF 2 TO 4 INCHES. THE ENTIRE BOX SHALL BE WRAPPED IN TYPE "C" FILTER FABRIC THAT SHALL BE ENTRENCHED 12 INCHES AND BACKFILLED.

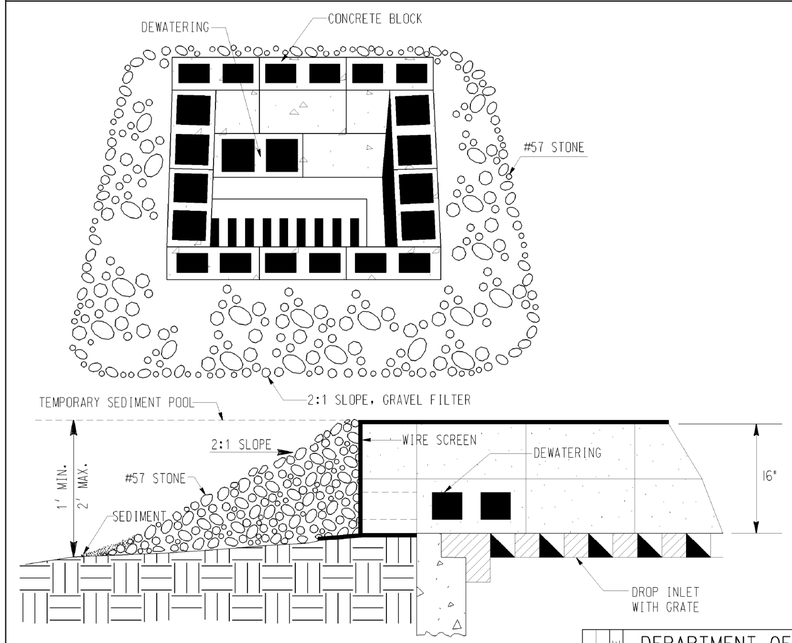


ELEVATION

BAFFLE BOX (Sd2-B)



GRAVEL DROP INLET PROTECTION
(GRAVEL DONUT) Sd2-G



BLOCK & GRAVEL DROP
INLET PROTECTION
(Sd2-Bg)

BASIS OF PAYMENT:
CONSTRUCT AND REMOVE INLET SEDIMENT TRAP _____ EACH

DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
REVISION	CONSTRUCTION DETAIL INLET SEDIMENT TRAPS BAFFLE BOX Sd2-B BLOCK AND GRAVEL DROP INLET PROTECTION Sd2-Bg GRAVEL DROP INLET PROTECTION Sd2-G NO SCALE MAY 2008
BY	NUMBER D-42

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

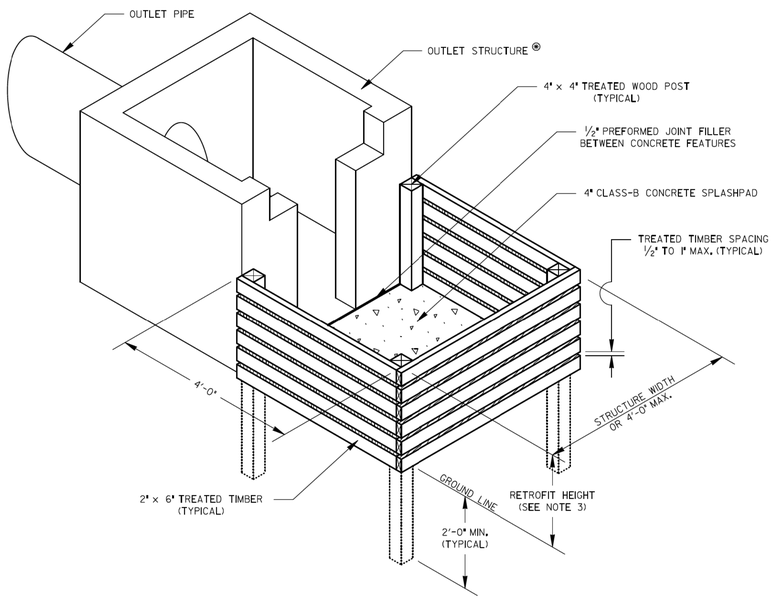
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
EROSION CONTROL CONTRUCTION DETAILS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

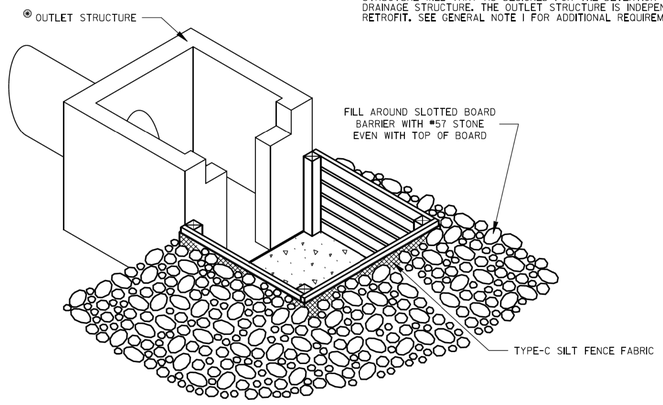
DRAWING No. 56-0008

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

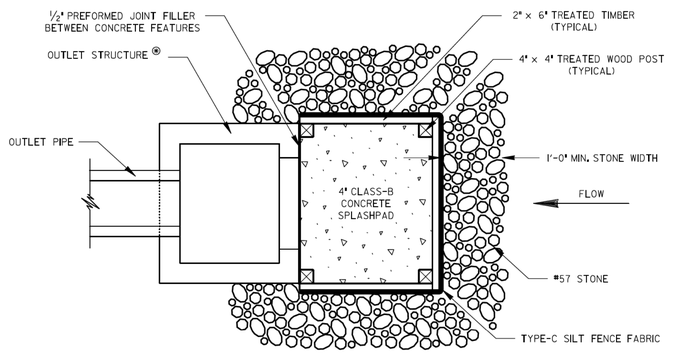
ISOMETRIC VIEWS



◉ A BOXED OUTLET STRUCTURE WITH A WEIR IS SHOWN. HOWEVER, THE OUTLET STRUCTURE WILL VARY AS DESIGNED FOR THE DETENTION POND OR ROADWAY DRAINAGE STRUCTURE. THE OUTLET STRUCTURE IS INDEPENDENT OF THE RETROFIT. SEE GENERAL NOTE 1 FOR ADDITIONAL REQUIREMENTS.



PLAN VIEW



GENERAL NOTES:

1. SLOTTED BOARD DAM WITH STONE FILTER MAY BE TEMPORARILY PLACED ON A DETENTION POND'S PERMANENT OUTLET STRUCTURE. THE TOTAL DRAINAGE AREA TO THE DETENTION POND SHALL BE LESS THAN 100 ACRES.

   THIS RETROFIT BMP MAY ALSO BE TEMPORARILY PLACED ON ROADWAY DRAINAGE STRUCTURES SUCH AS OPEN END PIPE OR WINGED HEADWALLS. THE TOTAL DRAINAGE AREA TO THE ROADWAY DRAINAGE STRUCTURE SHALL BE LESS THAN 30 ACRES. HOWEVER, THIS RETROFIT BMP SHALL NOT BE USED ON ROADWAY DRAINAGE STRUCTURES CONVEYING FLOWING STREAMS.

2. THE DETENTION POND MUST BE CAPABLE OF TEMPORARILY STORING THE REQUIRED SEDIMENT STORAGE VOLUME IN ADDITION TO THE REQUIRED STORMWATER VOLUME.

   THE DETENTION POND SHALL BE LARGE ENOUGH TO TEMPORARILY STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA WITHIN IN THE CONTRIBUTING DRAINAGE AREA. THE REQUIRED SEDIMENT STORAGE VOLUME SHALL BE ACHIEVED BY EITHER EXCAVATING THE DETENTION POND OR RAISING THE OUTLET STRUCTURE'S INVERT. THE SEDIMENT STORAGE VOLUME ELEVATION SHALL BE MARKED ON THE OUTLET STRUCTURE OR BY SETTING A MARKED POST NEAR THE OUTLET STRUCTURE.

3. THE HEIGHT OF THE RETROFIT SHOULD BE APPROXIMATELY ONE-HALF THE HEIGHT OF THE DETENTION POND'S OUTLET STRUCTURE. FOR A ROADWAY DRAINAGE STRUCTURE, THE RETROFIT HEIGHT SHALL BE APPROXIMATELY TWO-THIRDS OF THE INSIDE PIPE DIAMETER (2 FEET MINIMUM HEIGHT).

4. ATTACH TYPE-C SILT FENCE FABRIC TO THE TREATED TIMBERS FROM THE GROUND LINE TO THE FULL RETROFIT HEIGHT PRIOR TO PLACEMENT OF NO. 57 STONE.

5. SEE STANDARD SPECIFICATION 163, AND SUPPLEMENTS THERETO FOR THE CONSTRUCTION AND REMOVAL OF RETROFITS. SEE STANDARD SPECIFICATION 165, AND SUPPLEMENTS THERETO FOR THE MAINTENANCE OF RETROFITS. SEDIMENT SHALL BE REMOVED WHEN ONE-THIRD OF THE SEDIMENT STORAGE CAPACITY, NOT THE TOTAL DETENTION POND CAPACITY, IS LOST TO SEDIMENT ACCUMULATION.

PAY ITEMS:
163-0539 CONSTRUCT & REMOVE RETROFIT-SLOTTED BOARD DAM W/STONE FILTER (EA)
165-0096 MAINTENANCE OF RETROFIT-SLOTTED BOARD DAM W/STONE FILTER (EA)

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS
RETROFITTING STRUCTURE FOR TEMPORARY SEDIMENT FILTER
SLOTTED BOARD DAM WITH STONE FILTER

NO SCALE — MAY 2008

DETAIL CLARIFICATIONS REVISION — DATE 7-5-18 — BY DLE

DESIGNED ____
DRAWN ____
TRACED ____
CHECKED ____

NUMBER D-45

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
EROSION CONTROL CONTRUCTION DETAILS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

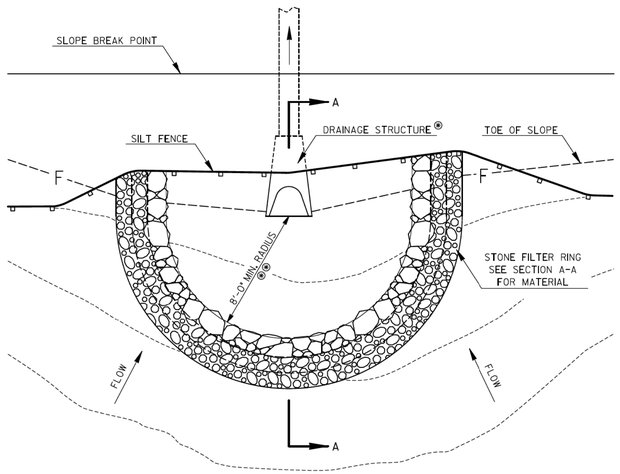
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No. 56-0009

7/31/2015 GPLN

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

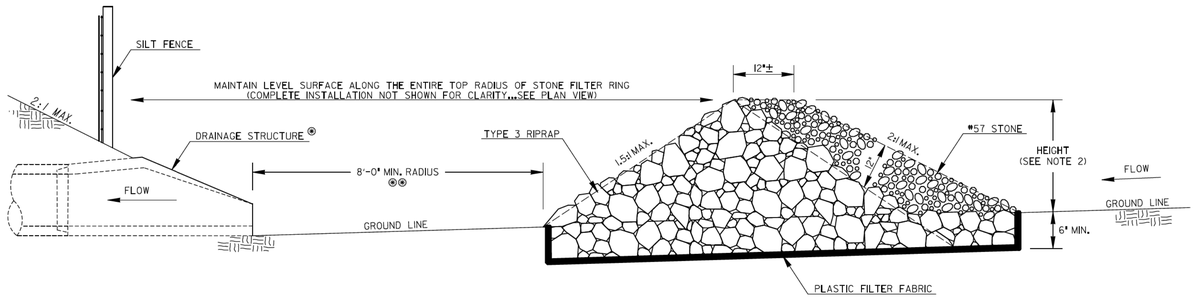
ROADWAY DRAINAGE STRUCTURE INLET



PLAN VIEW

◉ A FLARED END ROADWAY DRAINAGE STRUCTURE IS SHOWN. HOWEVER, OTHER ROADWAY DRAINAGE STRUCTURES OR A DETENTION POND'S OUTLET STRUCTURE MAY APPLY. AN APPROPRIATE RETROFIT BMP IS PREFERRED IN CONJUNCTION WITH THE STONE FILTER RING. SEE GENERAL NOTE 1 FOR ADDITIONAL INFORMATION.

◉◉ THE PREFERRED MINIMUM RADIUS OF THE STONE FILTER RING IS 8 FEET. THE RADIUS MAY BE REDUCED TO A MINIMUM OF 4 FEET FROM THE DRAINAGE STRUCTURE IF A RETROFIT BMP IS NOT PROVIDED. SEE GENERAL NOTE 1 FOR ADDITIONAL REQUIREMENTS.



SECTION A-A

GENERAL NOTES:

1. A STONE FILTER RING MAY BE PLACED ON ROADWAY DRAINAGE STRUCTURE INLETS, SUCH AS FLARED END SECTIONS, TO STORE SEDIMENT IN LOW AREAS WITHIN THE PROJECT. IN CONJUNCTION WITH THE STONE FILTER RING, A RETROFIT BMP APPROPRIATE FOR ROADWAY DRAINAGE STRUCTURE INLETS IS PREFERRED. IF A RETROFIT BMP IS NOT PROVIDED, OTHER SEDIMENT CONTROL BMPs SHALL BE PROVIDED DOWNSTREAM OF THE STONE FILTER RING PRIOR TO LEAVING THE PROJECT AREA. THE STONE FILTER RING SHALL BE 8 FEET TO 10 FEET UPSTREAM OF THE RETROFIT BMP. THE STONE FILTER RING IS NOT INTENDED TO SUBSTANTIALLY IMPOUND WATER, ADVERSELY IMPACTING AREAS OUTSIDE OF THE PROJECT.

   A STONE FILTER RING MAY ALSO BE USED IN CONJUNCTION WITH A RETROFIT BMP USED ON A DETENTION POND'S PERMANENT OUTLET STRUCTURE TO PROVIDE ADDITIONAL SEDIMENT FILTERING. THE STONE FILTER RING SHALL BE INSTALLED 8 FEET TO 10 FEET UPSTREAM OF THE POND'S RETROFIT BMP.

   STONE FILTER RINGS ARE NOT RECOMMENDED WITHIN ROADWAY DRAINAGE DITCHES. STONE FILTER RINGS SHALL NOT BE PLACED WITHIN STATE WATERS.

2. THE HEIGHT OF THE STONE FILTER RING SHALL BE A MINIMUM OF 24 INCHES WITH A MAXIMUM HEIGHT OF 48 INCHES. MAINTAIN A LEVEL SURFACE ALONG THE ENTIRE TOP RADIUS OF THE STONE FILTER RING.

3. REFER TO THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (ESPCP) FOR THE LOCATION OF STONE FILTER RINGS. THE INSTALLATION OF SILT FENCE AND RETROFITS ARE INDEPENDENT OF THE STONE FILTER RING AND WILL BE PAID FOR SEPARATELY AS APPLICABLE TO THE ESPCP.

4. SEE STANDARD SPECIFICATION 163, AND SUPPLEMENTS THERETO FOR THE CONSTRUCTION AND REMOVAL OF STONE FILTER RINGS. SEE STANDARD SPECIFICATION 165, AND SUPPLEMENTS THERETO FOR THE MAINTENANCE OF STONE FILTER RINGS.

PAY ITEMS:
163-0542 CONSTRUCT & REMOVE STONE FILTER RING (EA)
165-0111 MAINTENANCE OF STONE FILTER RING (EA)

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAIL
STONE FILTER RING

NO SCALE JULY 2018

DESIGNED DLE
DRAWN DLE
CHECKED
REVISED

NUMBER D-46

DATE / REVISION / BY

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
EROSION CONTROL CONTRUCTION DETAILS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

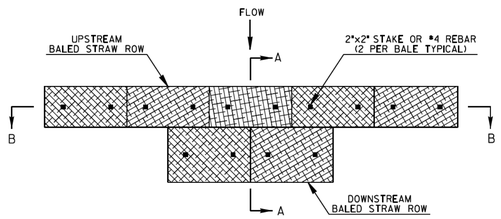
DRAWING No. 56-0010

7/31/2015 GPLN

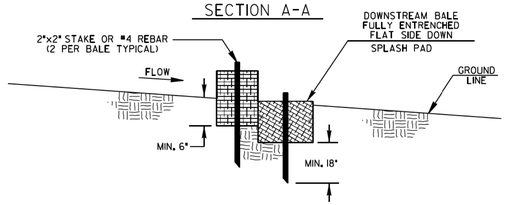
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

BALED STRAW CHECK DAM

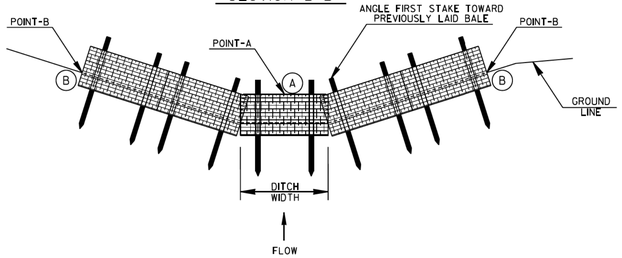
PLAN VIEW



SECTION A-A



SECTION B-B



BALED STRAW CHECK DAM GENERAL NOTES:

1. BALED STRAW DIMENSIONS MAY VARY. ASSUME APPROXIMATE DIMENSIONS OF 14"Wx18"Hx36"L FOR A TWO STRINGER AND 16"Wx24"Hx48"L FOR A THREE STRINGER. BALES SHOULD BE BOUND WITH WIRE OR NYLON INSTEAD OF TWINE.
2. BALES SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ABUTTING THE ADJACENT BALES. THE TOP OF THE UPSTREAM BALES IN THE CENTER OF CHANNEL SHOULD BE LEVEL AND SET AT THE SAME ELEVATION. THE DOWNSTREAM BALES SHOULD BE ENTRENCHED EVEN WITH THE CHANNEL BOTTOM.
3. THE GROUND LINE AT POINT-B SHALL ALWAYS BE AT MINIMUM OF 6 INCHES ABOVE POINT-A.
4. REMOVE SEDIMENT ONCE THE ACCUMULATED HEIGHT HAS REACHED HALF THE STORAGE HEIGHT.
5. INSTALLATION MAY BE ADJUSTED SLIGHTLY TO MEET FIELD CONDITIONS; HOWEVER, SPLASH PAD IS REQUIRED.

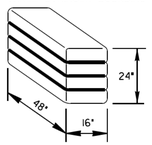
PAY ITEMS:
163-0529 CONSTRUCT & REMOVE TEMPORARY SEDIMENT BARRIER OR BALED STRAW CHECK DAM (LF)
165-0041 MAINTENANCE OF CHECK DAMS - ALL TYPES (LF)

SPECIAL NOTES:

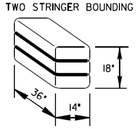
1. BALED STRAW AND COMPOST FILTER SOCK CHECK DAMS MAY BE USED FOR FLOWS UP TO 2.0 CFS OR DRAINAGE AREAS UP TO 1.0 ACRE. IF THESE ITEMS ARE USED IN DRAINAGE AREAS GREATER THAN 1.0 ACRE, FLOWS GREATER THAN 2.0 CFS, OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM AT THE DOWNSTREAM DISCHARGE POINT SHALL BE USED IN CONJUNCTION WITH BALED STRAW OR COMPOST FILTER SOCK CHECK DAMS.
2. BALED STRAW AND COMPOST FILTER SOCK CHECK DAMS SHALL NOT BE PLACED WITHIN FLOWING STREAMS OR IN A TIDAL AREA BELOW HIGH TIDE.

APPROXIMATE BALED STRAW DIMENSIONS
(SEE NOTE# 1)

THREE STRINGER BOUNDING

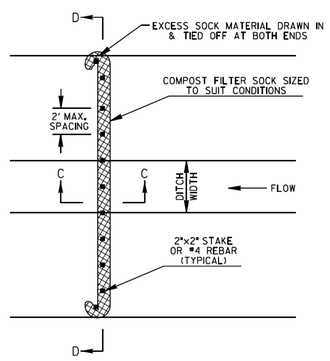


TWO STRINGER BOUNDING

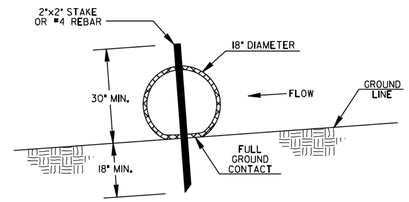


COMPOST FILTER SOCK CHECK DAM

PLAN VIEW

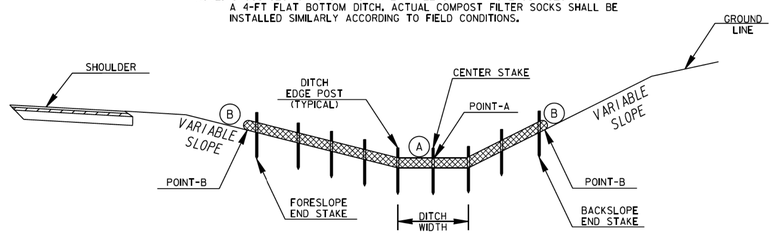


SECTION C-C



SECTION D-D

NOTE: CROSS-SECTION SHOWN IS AN EXAMPLE OF A TYPICAL CUT SECTION WITH A 4-FT FLAT BOTTOM DITCH. ACTUAL COMPOST FILTER SOCKS SHALL BE INSTALLED SIMILARLY ACCORDING TO FIELD CONDITIONS.



COMPOST FILTER SOCK CHECK DAM GENERAL NOTES:

1. THE CONTRACTOR MAY ELECT TO USE 18" DIAMETER COMPOST FILTER SOCK CHECK DAMS IN LIEU OF BALED STRAW CHECK DAMS. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE CONSTRUCTION, REMOVAL, OR MAINTENANCE OF COMPOST FILTER SOCK CHECK DAMS.
2. COMPOST FILTER MEDIA SHALL MEET THE SPECIFICATIONS IN THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA". THE CONTRACTOR SHALL PROVIDE VERIFICATION OF MEETING SPECIFICATIONS IF REQUESTED.
3. THE GROUND LINE AT POINT-B SHALL BE A MINIMUM OF 6 INCHES ABOVE POINT-A.
4. ENSURE COMPOST FILTER SOCK HAS FULL CONTACT WITH GROUND SURFACE. PLACE ONE STAKE AT THE CENTER OF CHANNEL, AT THE TOE OF FORESLOPE AND BACKSLOPE, AND AT THE ENDS OF DEVICE. STAKES SHALL HAVE A MAXIMUM SPACING OF 2 FEET.
5. REMOVE SEDIMENT ONCE THE ACCUMULATED HEIGHT HAS REACHED HALF THE STORAGE HEIGHT.

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

BALED STRAW & COMPOST FILTER SOCK CHECK DAMS FOR EROSION CONTROL

NO SCALE 4-22-2016

DESIGNED ____ DRAWN DLE TRACED ____ CHECKED ____

NUMBER D-52

REVISION | DATE | BY

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
EROSION CONTROL CONTRUCTION DETAILS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

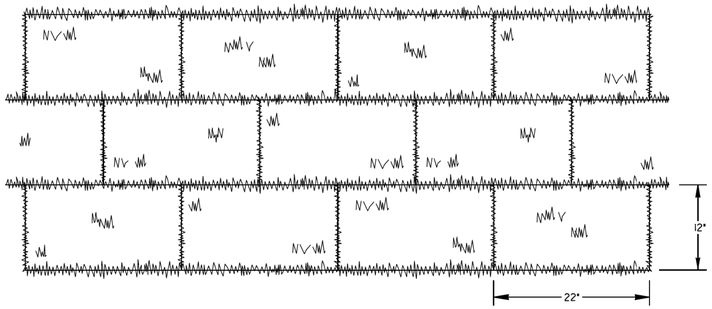
CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 56-0011

7/31/2015 GPLN

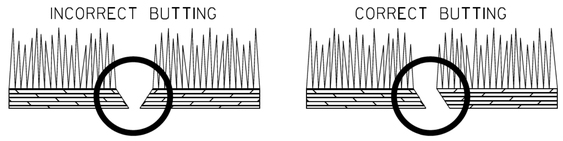
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

SOD LAYOUT

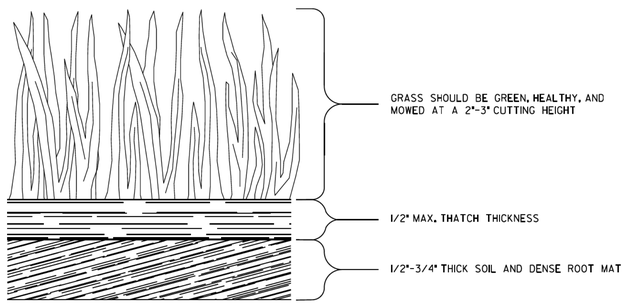


NOTE: SOD MAY BE EITHER 12" WIDE BY 22" LONG BLOCKS OR 2I" WIDE BY 52' LONG ROLLS.

ABUTTING SOD



SOD APPEARANCE



GENERAL NOTES:

1. SOD SHALL MEET SECTIONS 700 AND 890 OF THE STANDARD SPECIFICATIONS AND SUPPLEMENTS THERETO. SOD SHALL BE CUT INTO 12"Wx22"L BLOCKS OR 2I"Wx52'L ROLLS.
2. PLACE SOD IN A STAGGERED PATTERN ENSURING FIRM CONTACT WITH THE SOIL. BUTT THE STRIPS TIGHTLY AGAINST EACH OTHER WITH THE AUTOMATIC SOD CUTTER ANGLES CORRECTLY MATCHED WITHOUT SPACES OR OVERLAP.
3. PLACE THE LONG SIDE OF SOD PERPENDICULAR TO DRAINAGE FLOW IF INSTALLED IN DITCHES.
4. STAKE SOD PLACED IN DITCHES OR SLOPES STEEPER THAN 2:1 OR ANY OTHER AREAS WHERE SOD SLIPPING MAY OCCUR. USE WOOD STAKES THAT ARE A MINIMUM OF 8" LONG AND A MAXIMUM OF 1" WIDE. DRIVE STAKES FLUSH WITH THE TOP OF SOD AND USE A MINIMUM OF 8 STAKES PER SQUARE YARD TO HOLD SOD IN PLACE.
5. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL.
6. WATER THE SOD IMMEDIATELY AFTER INSTALLATION AND WATER TO A DEPTH OF 4" AS NEEDED.
7. MOW ESTABLISHED SOD TO A HEIGHT NOT LESS THAN 2"-3" AS NECESSARY.

PAY ITEM:
700-9300 SOD (SY)

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

SOD INSTALLATION

NO SCALE 4-22-2016

DESIGNED ____
DRAWN DLE
TRACED ____
CHECKED ____

NUMBER D-54

DATE | REVISION | BY

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

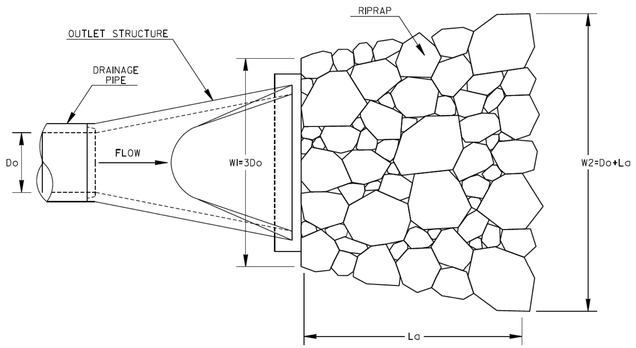
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
EROSION CONTROL CONTRUCTION DETAILS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		56-0012
CORRECTED:		DATE:		
VERIFIED:		DATE:		

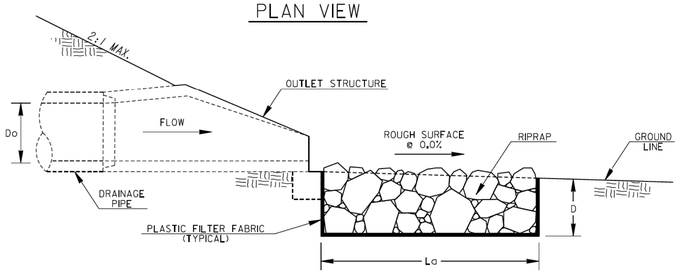
7/31/2015 GPLN

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

OUTLET TO FLAT AREA

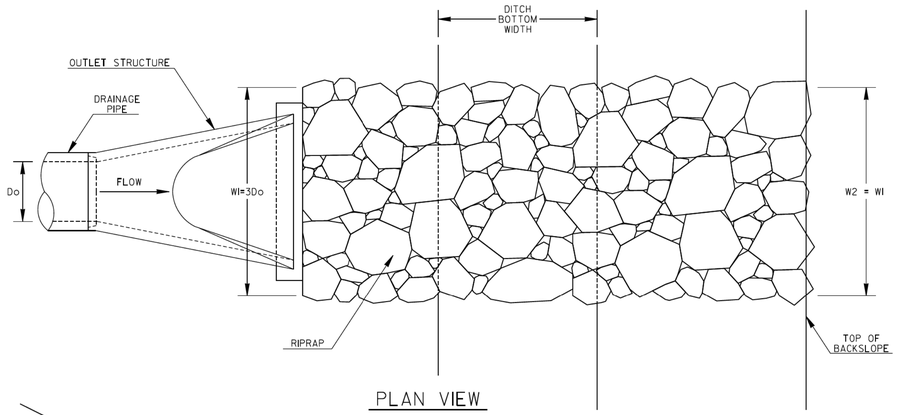


PLAN VIEW

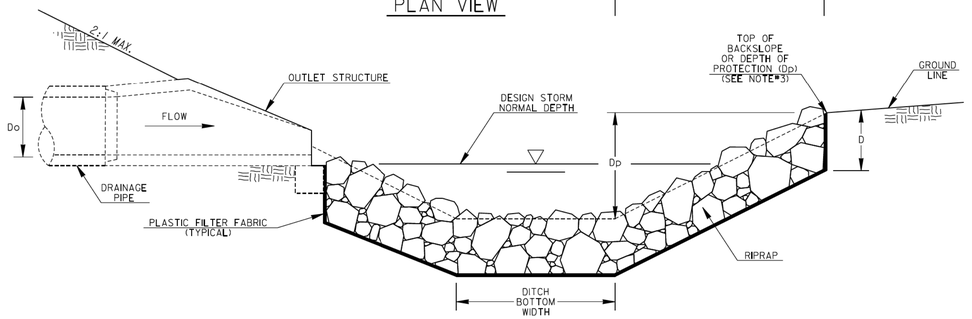


PROFILE VIEW

OUTLET PERPENDICULAR TO WELL-DEFINED CHANNEL



PLAN VIEW



PROFILE VIEW

GENERAL NOTES:

1. RIPRAP OUTLET PROTECTION SHOULD BE USED TO REDUCE A DRAINAGE STRUCTURE'S DISCHARGE VELOCITY. RIPRAP OUTLET PROTECTION IS SHOWN FOR GEORGIA STANDARD 1120, BUT IS INSTALLED SIMILARLY FOR OTHER DRAINAGE OUTLET STRUCTURES.

2. RIPRAP OUTLET PROTECTION SHALL BE DESIGNED IN ACCORDANCE WITH THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA". THE DESIGNER SHALL PROVIDE THE FOLLOWING IN THE PLANS: PIPE DIAMETER (Do), FLOW RATE OF DESIGN STORM (Q), VELOCITY (V), TAILWATER CONDITION (Tw), APRON LENGTH (La), APRON WIDTH AT DRAINAGE STRUCTURE (Wl), APRON WIDTH DOWNSTREAM (W2), AVERAGE STONE DIAMETER (d50), INSTALLATION DEPTH (D), AND TYPE OF RIPRAP WITH QUANTITY.

   THE MINIMUM DESIGN FOR RIPRAP OUTLET PROTECTION SHALL BE THE 25-YEAR STORM EVENT, BUT LARGER STORMS ARE RECOMMENDED.

3. THE APRON WIDTHS SHALL BE THE SAME WHEN THE DRAINAGE STRUCTURE DISCHARGES PERPENDICULAR INTO A WELL-DEFINED CHANNEL. THE LENGTH SHALL EXTEND ACROSS THE CHANNEL AND UP TO THE TOP OF THE CHANNEL BACKSLOPE OR 1-FOOT ABOVE THE NORMAL DEPTH OF THE CHANNEL'S DESIGN STORM (WHICHEVER IS LESS). THE DESIGNER SHALL PROVIDE THE DEPTH OF PROTECTION (Dp) IF THE APRON DOES NOT EXTEND TO THE TOP OF THE BACKSLOPE.

4. IF THE OUTLET HYDRAULICS REQUIRE A d50<=0.70 FEET, TYPE-3 RIPRAP MAY BE USED.
   IF THE OUTLET HYDRAULICS REQUIRE A d50<=1.20 FEET, TYPE-1 RIPRAP SHOULD BE USED.
   IF THE OUTLET HYDRAULICS REQUIRE A d50>1.20 FEET, THE DESIGNER SHALL DESIGN AND PROVIDE A SPECIAL DETAIL FOR APPROPRIATE OUTLET PROTECTION.

5. PLASTIC FILTER FABRIC IS REQUIRED UNDERNEATH RIPRAP APRON.

6. PAYMENT FOR RIPRAP SHALL BE MEASURED IN SQUARE YARDS FOR SPECIFIED INSTALLATION DEPTH. PAYMENT FOR PLASTIC FILTER FABRIC SHALL BE MEASURED IN SQUARE YARDS CONSISTENT WITH RIPRAP QUANTITY AND PAID FOR SEPARATELY.

Do	=	PIPE DIAMETER
Q	=	DESIGN STORM FLOW RATE
V	=	DESIGN STORM VELOCITY
Tw	=	TAILWATER CONDITION/DESIGN STORM NORMAL DEPTH
La	=	APRON LENGTH
Wl	=	APRON WIDTH UPSTREAM
W2	=	APRON WIDTH DOWNSTREAM
d50	=	AVERAGE STONE DIAMETER
D	=	INSTALLATION DEPTH
Dp	=	DEPTH OF PROTECTION

RIPRAP TYPE	REQUIRED d50 (FT)	MIN. DEPTH "D" (IN)
1	≤1.20	36
3	≤0.67	18

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

RIPRAP OUTLET PROTECTION
(SHEET 1 OF 2)

NO SCALE 4-22-2016

DESIGNED DLE
DRAWN DLE
TRACED
CHECKED

NUMBER D-55A

REVISION DATES

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
EROSION CONTROL CONTRUCTION DETAILS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

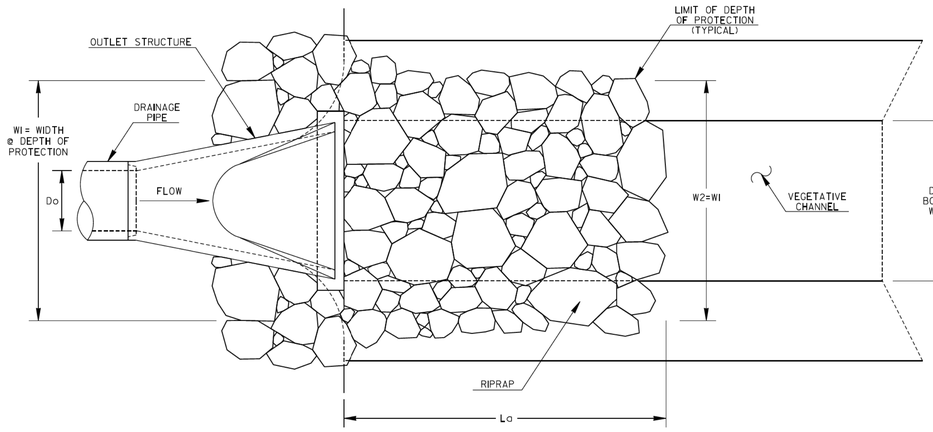
CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 56-0013

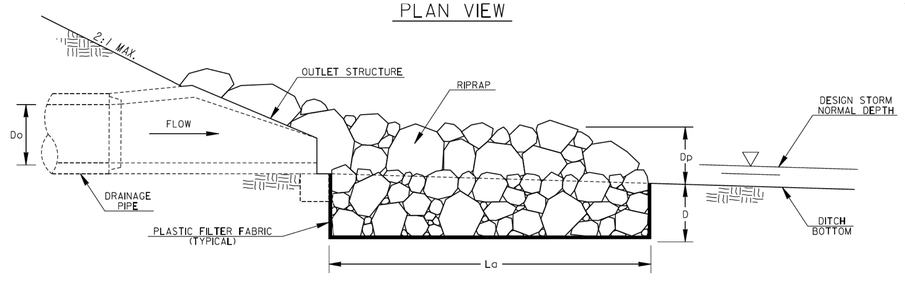
7/31/2015 GPLN

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

OUTLET PARALLEL TO WELL-DEFINED CHANNEL

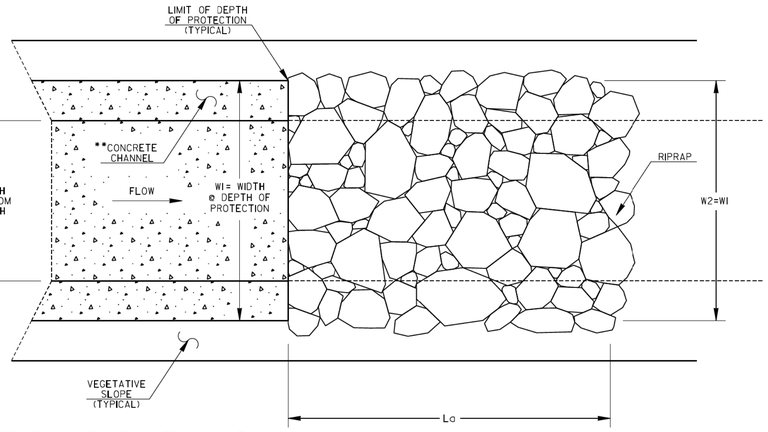


PLAN VIEW



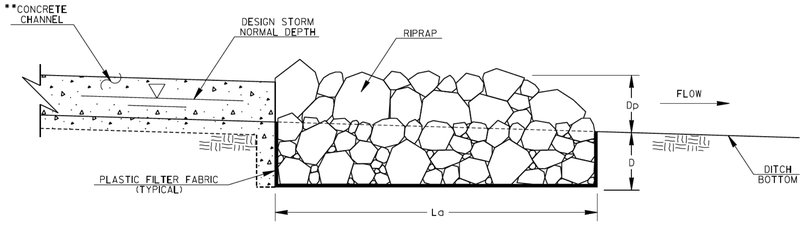
PROFILE VIEW

CONCRETE CHANNEL TO RIPRAP TRANSITION



**REFER TO CONSTRUCTION DETAIL D-10 FOR CONCRETE DITCH PAVING INFORMATION

PLAN VIEW



PROFILE VIEW

GENERAL NOTES:

1. RIPRAP OUTLET PROTECTION SHOULD BE USED TO REDUCE A DRAINAGE STRUCTURE'S DISCHARGE VELOCITY.
   RIPRAP OUTLET PROTECTION IS SHOWN FOR GEORGIA STANDARD 1120, BUT IS INSTALLED SIMILARLY FOR OTHER DRAINAGE OUTLET STRUCTURES.
   RIPRAP OUTLET PROTECTION IS SHOWN FOR A CONCRETE DITCH, BUT IS INSTALLED SIMILARLY TO TRANSITION FROM OTHER CHANNEL LININGS.

2. RIPRAP OUTLET PROTECTION SHALL BE DESIGNED IN ACCORDANCE WITH THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA". THE DESIGNER SHALL PROVIDE THE FOLLOWING IN THE PLANS: PIPE DIAMETER (Do), FLOW RATE OF DESIGN STORM (Q), VELOCITY (V), TAILWATER CONDITION (Tw), APRON LENGTH (Lo), APRON WIDTH AT DRAINAGE STRUCTURE (WI), APRON WIDTH DOWNSTREAM (W2), AVERAGE STONE DIAMETER (d50), INSTALLATION DEPTH (D), AND TYPE OF RIPRAP WITH QUANTITY.

   THE MINIMUM DESIGN FOR RIPRAP OUTLET PROTECTION SHALL BE THE 25-YEAR STORM EVENT, BUT LARGER STORMS ARE RECOMMENDED.

3. THE APRON WIDTHS SHALL BE THE SAME WHEN THE DRAINAGE STRUCTURE DISCHARGES PARALLEL INTO A WELL-DEFINED CHANNEL. THE APRON WIDTHS IN THIS CASE SHALL REPRESENT THE WIDTH AT THE DEPTH OF PROTECTION. THE RIPRAP SHALL BE INSTALLED TO THE TOP OF CHANNEL OR 1-FOOT ABOVE THE NORMAL DEPTH OF THE CHANNEL'S DESIGN STORM (WHICHEVER IS LESS). THE DESIGNER SHALL PROVIDE THE DEPTH OF PROTECTION (Dp) IF THE RIPRAP SHOULD NOT BE INSTALLED TO THE TOP OF THE CHANNEL. RIPRAP SHOULD ALSO BE INSTALLED TO ARMOR CHANNEL CORNER AT THE OUTLET STRUCTURE.

4. IF THE OUTLET HYDRAULICS REQUIRE A d50<=0.70 FEET, TYPE-3 RIPRAP MAY BE USED.
   IF THE OUTLET HYDRAULICS REQUIRE A d50<=1.20 FEET, TYPE-1 RIPRAP SHOULD BE USED.
   IF THE OUTLET HYDRAULICS REQUIRE A d50>1.20 FEET, THE DESIGNER SHALL DESIGN AND PROVIDE A SPECIAL DETAIL FOR APPROPRIATE OUTLET PROTECTION.

5. PLASTIC FILTER FABRIC IS REQUIRED UNDERNEATH RIPRAP APRON.

6. PAYMENT FOR RIPRAP SHALL BE MEASURED IN SQUARE YARDS FOR SPECIFIED INSTALLATION DEPTH. PAYMENT FOR PLASTIC FILTER FABRIC SHALL BE MEASURED IN SQUARE YARDS CONSISTENT WITH RIPRAP QUANTITY AND PAID FOR SEPARATELY.

RIPRAP TYPE	REQUIRED d50 (FT)	MIN. DEPTH "D" (IN)
1	≤1.20	36
3	≤0.67	18

Do = PIPE DIAMETER
Q = DESIGN STORM FLOW RATE
V = DESIGN STORM VELOCITY
Tw = TAILWATER CONDITION/DESIGN STORM NORMAL DEPTH
Lo = APRON LENGTH
WI = APRON WIDTH UPSTREAM AT DEPTH OF PROTECTION
W2 = APRON WIDTH DOWNSTREAM AT DEPTH OF PROTECTION
d50 = AVERAGE STONE DIAMETER
D = INSTALLATION DEPTH
Dp = DEPTH OF PROTECTION

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS

RIPRAP OUTLET PROTECTION
(SHEET 2 OF 2)

NO SCALE 4-22-2016

DESIGNED DLE
DRAWN DLE
TRACED
CHECKED

NUMBER D-55B

DATE | REVISION | BY

7/31/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

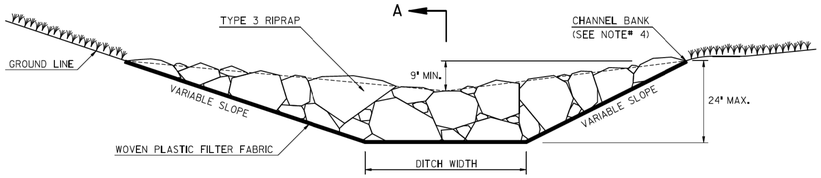
REVISION DATES

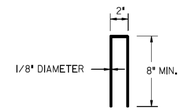
COBB COUNTY - DEPARTMENT OF TRANSPORTATION
EROSION CONTROL CONTRUCTION DETAILS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED:		DATE:		DRAWING No.
BACKCHECKED:		DATE:		56-0014
CORRECTED:		DATE:		
VERIFIED:		DATE:		

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

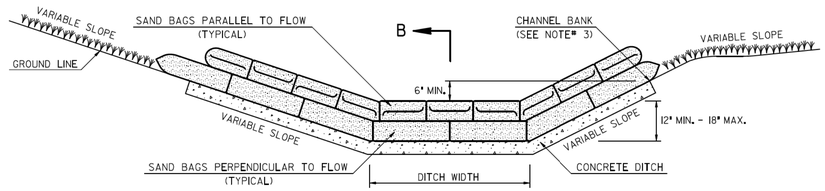
STONE CHECK DAM





METAL FILTER FABRIC STAPLE

SAND BAG CHECK DAM

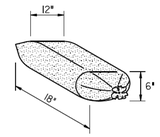


TYPICAL CHECK DAM SPACING

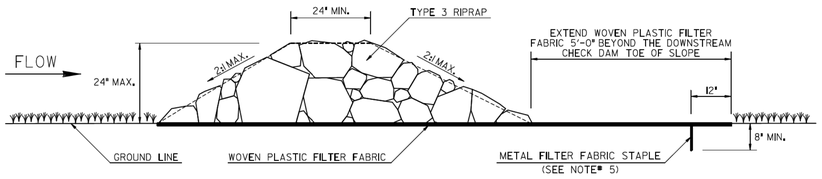
L = THE DISTANCE BETWEEN CHECK DAMS SUCH THAT POINTS "A" AND "B" ARE OF EQUAL ELEVATION

SAND BAG DIMENSIONS

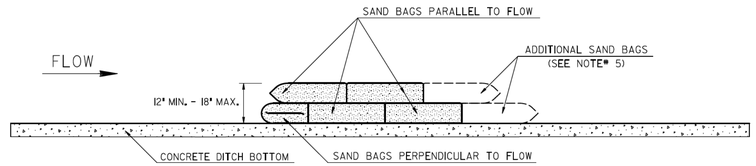
(SEE NOTE# 6)



SECTION A-A



SECTION B-B



STONE CHECK DAM GENERAL NOTES:

1. STONE CHECK DAMS SHALL NOT BE INSTALLED IN THE CLEAR ZONE OF UNPROTECTED ACTIVE TRAFFIC.
2. APPROPRIATE CONVENTIONAL OR APPROVED ALTERNATIVE BMPs SHALL BE PROVIDED DOWNSTREAM OF STONE CHECK DAMS AT THE DISCHARGE POINT FOR FLOWS GREATER THAN 2.0-CUBIC FEET PER SECOND.
3. STONE CHECK DAMS SHALL NOT BE PLACED WITHIN FLOWING STATE WATERS.
4. THE CENTER OF THE STONE CHECK DAM SHALL BE AT LEAST 9-INCHES LOWER THAN THE OUTER EDGES OF THE STONE CHECK DAM. THE HEIGHT AT THE CENTER OF THE STONE CHECK DAM MAY BE INCREASED TO A MAXIMUM OF 24-INCHES IF A MINIMUM OF 9-INCHES OF FREEBOARD IS STILL PROVIDED AT THE CHANNEL BANK.
5. ANCHOR THE WOVEN PLASTIC FILTER FABRIC TO THE GROUND SURFACE WITH METAL FILTER FABRIC STAPLES 12-INCHES FROM THE EDGE AND NO GREATER THAN 12-INCHES APART.
6. REMOVE SEDIMENT WHEN IT REACHES ONE-HALF THE HEIGHT OF THE STONE CHECK DAM. WOVEN PLASTIC FILTER FABRIC SHALL BE REPLACED WHEN DAMAGED OR DETERIORATED.
7. PROVIDE PERMANENT CHANNEL PROTECTION AS SHOWN AND/OR NOTED IN THE PLANS AFTER STONE CHECK DAM IS REMOVED.

SAND BAG CHECK DAM GENERAL NOTES:

1. SAND BAG CHECK DAMS ARE ONLY USED FOR TEMPORARY VELOCITY CONTROL IN CONCRETE LINED DITCHES AND SHALL NOT BE INSTALLED IN THE CLEAR ZONE OF UNPROTECTED ACTIVE TRAFFIC.
2. APPROPRIATE CONVENTIONAL OR APPROVED ALTERNATIVE BMPs SHALL BE PROVIDED UPSTREAM AND/OR DOWNSTREAM OF CONCRETE DITCHES.
3. THE CENTER OF THE SAND BAG CHECK DAM SHALL BE AT LEAST 6-INCHES LOWER THAN THE OUTER EDGES OF THE SAND BAG CHECK DAM AT THE GROUND LINE. THE HEIGHT AT THE CENTER OF THE SAND BAG CHECK DAM SHALL BE A MINIMUM OF 12-INCHES AND A MAXIMUM OF 18-INCHES.
4. INSTALL SAND BAGS TIGHTLY ABUTTING EACH OTHER AND STACK IN A RUNNING BOND PATTERN. FOLD ANY FLAPS AWAY FROM WATER FLOW.
5. IF ADDITIONAL SAND BAGS ARE WARRANTED FOR STABILITY, INSTALL AS SHOWN AND DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST.
6. SAND BAG SIZES MAY VARY. ASSUME A FILLED SAND BAG HAS APPROXIMATE DIMENSIONS OF 12"W×6"H×18"L.
7. REMOVE SEDIMENT WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SAND BAG CHECK DAM. SAND BAGS SHALL BE REPLACED WHEN DAMAGED OR DETERIORATED AT NO ADDITIONAL COST TO THE DEPARTMENT.

NOTE:
SEE STANDARD SPECIFICATION 163, AND SUPPLEMENTS THERETO FOR THE CONSTRUCTION AND REMOVAL OF STONE CHECK DAMS AND SAND BAG CHECK DAMS. SEE STANDARD SPECIFICATION165, AND SUPPLEMENTS THERETO FOR THE MAINTENANCE OF STONE CHECK DAMS AND SAND BAG CHECK DAMS.

PAY ITEMS:
163-0527 CONSTRUCT AND REMOVE RIPRAP CHECK DAMS, STONE PLAIN RIPRAP/SAND BAGS (EA)
165-0041 MAINTENANCE OF CHECK DAMS - ALL TYPES (LF)

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

CONSTRUCTION DETAILS
STONE RIPRAP & SAND BAG TEMPORARY CHECK DAMS

NO SCALE 11-28-2018

DESIGNED DLE
DRAWN DLE
TRACED
CHECKED

NUMBER D-56

7/31/2015 GPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

REVISION DATES

COBB COUNTY - DEPARTMENT OF TRANSPORTATION
EROSION CONTROL CONTRUCTION DETAILS
KENNESAW MTN PEDESTRIAN IMPROVEMENTS

CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

DRAWING No. 56-0015

DATE$$$
#USER$

#PRFB$

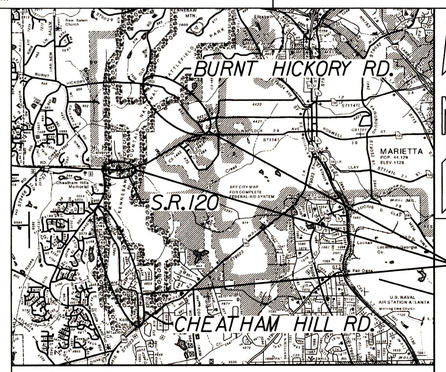
#DGN$
GRWCOV

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

Project No.
0015279

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

RIGHT OF WAY OF PROPOSED
KENNESAW MOUNTAIN PEDESTRIAN IMPROVEMENTS
FEDERAL AID PROJECT
COBB COUNTY PROJECT NO: X2404
P.I.NO. 0015279



LOCATION SKETCH

LOCATION & DESIGN APPROVAL DATE:

FUNCTIONAL CLASS:
TRAIL: SHARED-USE PATH
BURNT HICKORY ROAD: URBAN LOCAL ROAD
S.R.120/WHITLOCK AVE: PRINCIPAL ARTERIAL
CHEATHAM HILL ROAD: URBAN LOCAL ROAD

THIS PROJECT IS 100% IN COBB COUNTY AND IS 100% IN CONG. DIST. NO. 11.

PROJECT DESIGNATION: EXEMPT

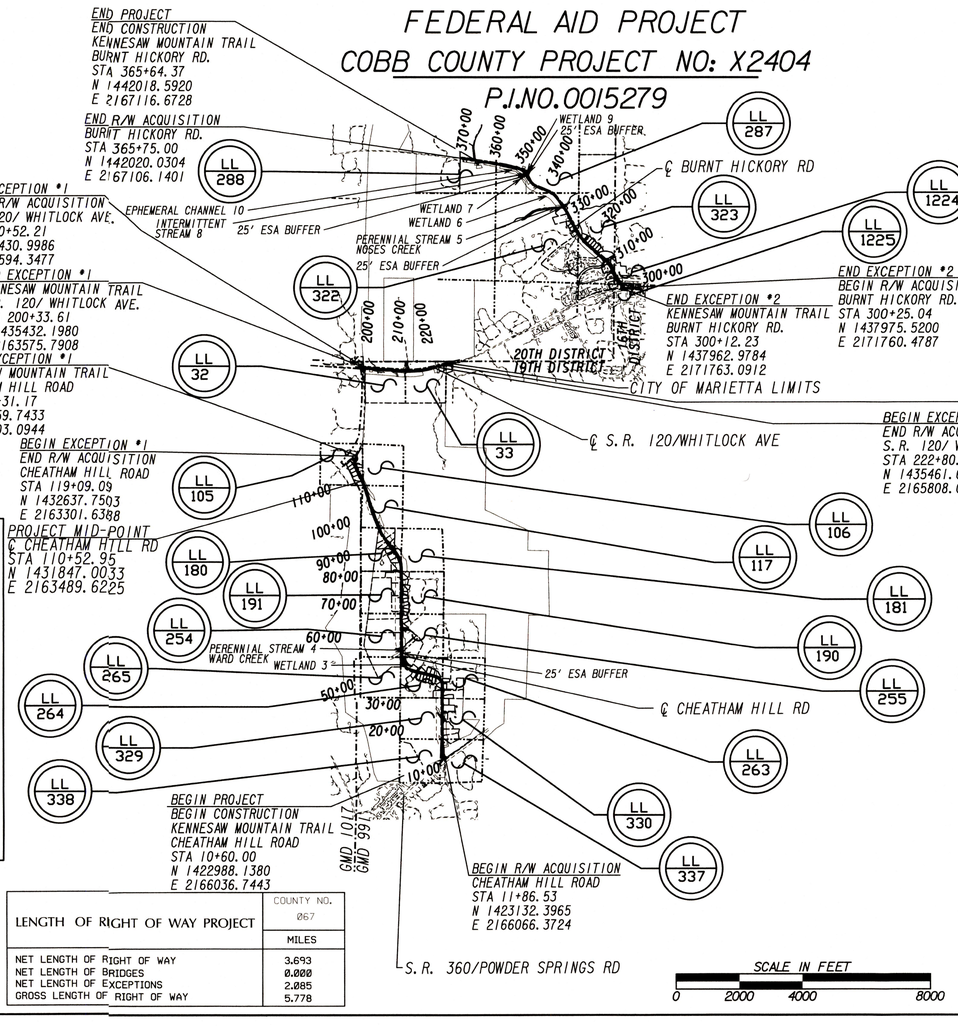
DESIGNED IN ENGLISH UNITS.

LAND LOTS: 32, 33, 105, 106, 117, 180, 181, 190, 191, 254, 255, 263, 264, 287, 288, 322, 323, 329, 330, 337, & 1224

LAND DISTRICTS: 16, 19, 20

DESIGN DATA:	
TRAFFIC A.D.T.: 11,200 (2016)	ON BURNT HICKORY ROAD
TRAFFIC A.D.T.: 24,400 (2016)	ON S.R.120/WHITLOCK AVE
TRAFFIC A.D.T.: 6,600 (2012)	ON CHEATHAM HILL ROAD
SPEED DESIGN: 18 MPH	ON TRAIL
SPEED DESIGN: 35 MPH	ON BURNT HICKORY ROAD
SPEED DESIGN: 45 MPH	ON S.R.120/WHITLOCK AVE
SPEED DESIGN: 45 MPH	ON CHEATHAM HILL ROAD
POSTED SPEED: 35 MPH	ON BURNT HICKORY ROAD
POSTED SPEED: 45 MPH	ON S.R.120/WHITLOCK AVE
POSTED SPEED: 45 MPH	ON CHEATHAM HILL ROAD

THIS PROJECT HAS BEEN PREPARED USING THE HORIZONTAL GEORGIA COORDINATE SYSTEM OF 1984 (NAD 1983)/94 WEST ZONE, AND THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.



LENGTH OF RIGHT OF WAY PROJECT	COUNTY NO. 067
	MILES
NET LENGTH OF RIGHT OF WAY	3.693
NET LENGTH OF BRIDGES	0.000
NET LENGTH OF EXCEPTIONS	2.085
GROSS LENGTH OF RIGHT OF WAY	5.778

CONVENTIONAL SIGNS

- STATE OR COUNTY LINE
- CITY LIMIT LINE
- LAND LOT LINE
- PROPERTY LINE
- SURVEY OR BASE LINE
- RIGHT OF WAY LINE
  - EXISTING
  - REQUIRED
  - LIMIT OF ACCESS
  - REQD R/W & LIMIT OF ACCESS
  - R/W MARKERS
- FENCE
- RAILROAD
- POWER LINE
- TELEPHONE LINE
- POWER POLES
- TELEPHONE OR TELEGRAPH POLES

NOTE :
ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO 'STATE HIGHWAY DEPARTMENT OF GEORGIA', 'STATE HIGHWAY DEPARTMENT', GEORGIA STATE HIGHWAY DEPARTMENT', 'HIGHWAY DEPARTMENT', OR 'DEPARTMENT' WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION.

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

GEORGIA REGISTERED No. 34474 PROFESSIONAL ENGINEER PATRICK T. PETERS
4/8/19

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

PREPARED BY: DESIGN

APPROVED: Troy D. Byers April 8, 2019
TROY D. BYERS, STATE RIGHT OF WAY ADMINISTRATOR DATE

LOCATION AND DESIGN APPROVAL DATE: APRIL 4, 2019

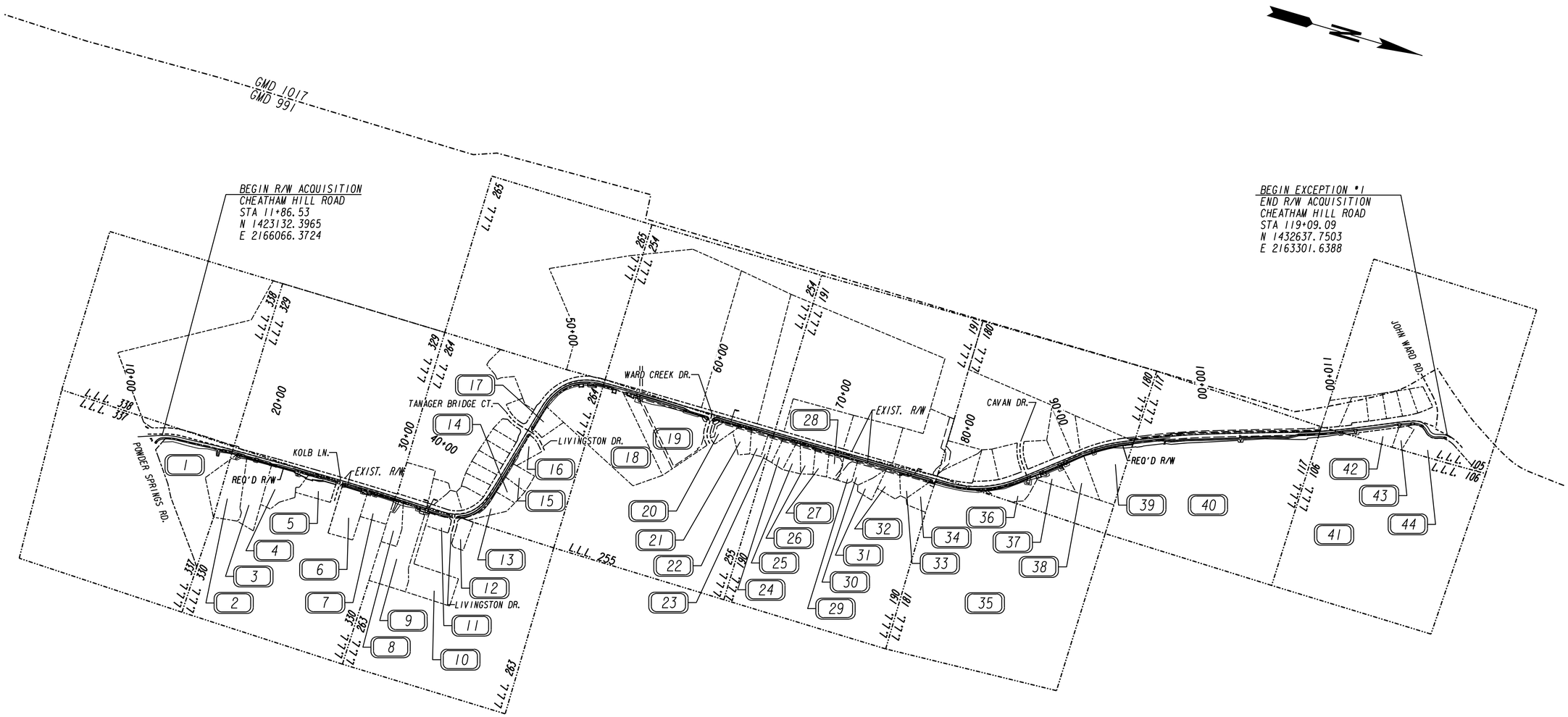
PLANS COMPLETED 11-15-2018	12-17-2019: 1,2A,2B,24,24E,32 & 42A
REVISIONS	01-10-2020: 1, 2B, & 7
7-30-2019: SHEETS: 3,4,5,6,7,8,9,10,11,	02-26-2020: 1, 2B, 34, 35 & 36
12,13,14,15,16,18,23,24,30,32,33,34,	03-30-2020: 1, 2B, 18, 19, 24, 24E & 24F
35&36	05-15-2020: 1,2B,7,15,16,24B,24F,30,31,42A,
7-30-2019: 1,2,24A,24B,24C,24D,24E,24F,42A,	42B,42C
42B&42C	06-19-2020: 1,2B,20,21,22,36,24E,24F,42B
9-20-2019: 1,2,4,5,6,7,16,17,18,24A,24B,24D,	06-24-2020: 1,2B,12,24C,24F
24F,35,42A,42B&42C	07-06-2020: 1, 2B, 35, 36, 42A & 42B
10-28-2019: 1,2 & 7	08-20-2020: 1, 2B, 15, 16, & 24D

DRAWING No.
60-0001

07/31/2015

8/6/2020 USER:jkelly	$PRF8$	J:\2017030\0015279\DGN\0015279_60-0001A.dgn GRWPLN	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	PROJECT NO. 0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 400 800 1600

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

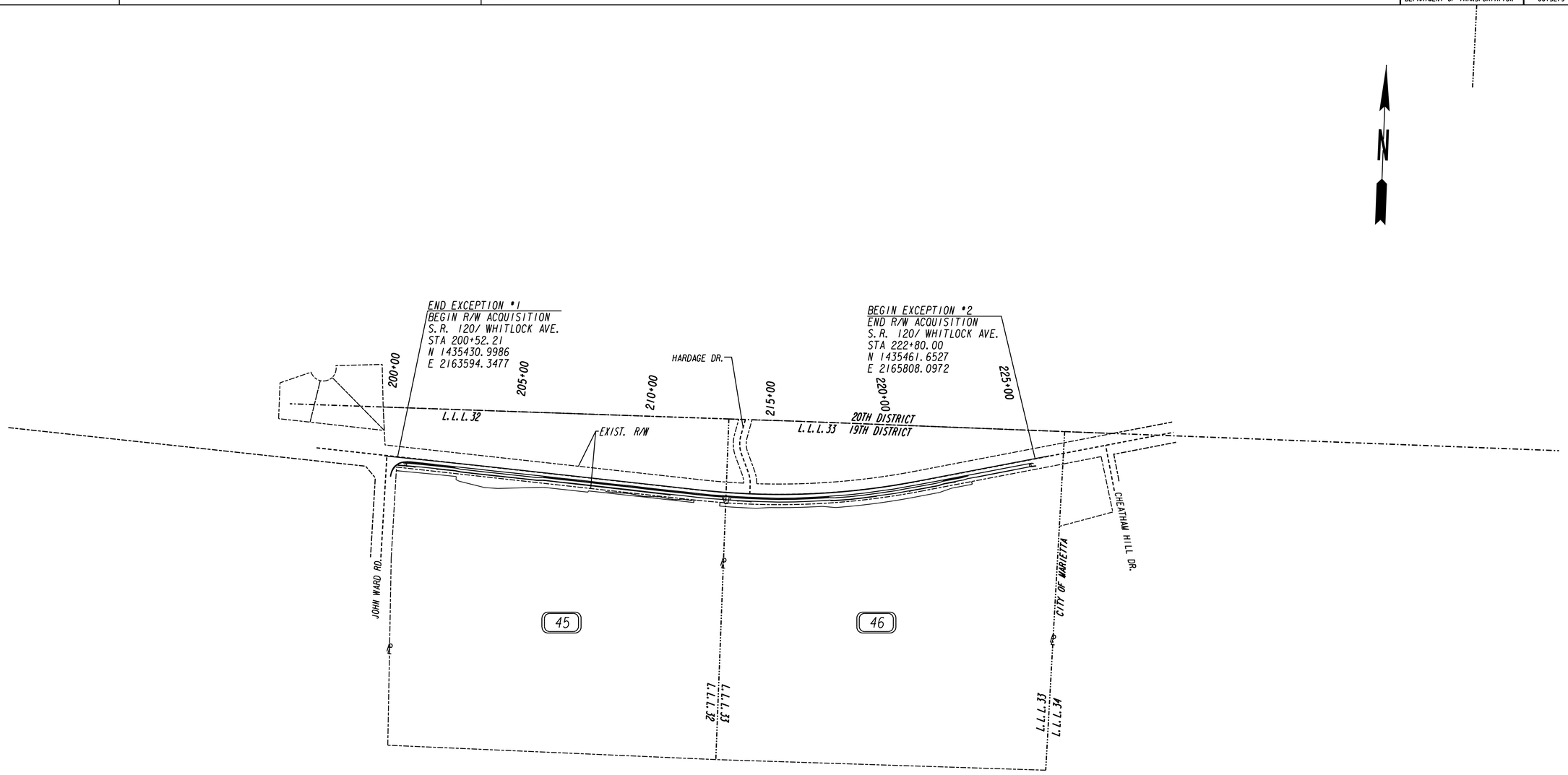
DATE 11-15-18 SH 1A OF42

DRAWING No.
60-0001A

7/31/2015 GRWPLN

8/6/2020 USER:jkelly	$PRF8$	J:\2017030\0015279\DGN\0015279_60-0001B.dgn GRWPLN	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	PROJECT NO. 0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395



SR 120/ WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 200 400 800

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

DATE 11-15-18 SH 1B OF42

DRAWING No.
60-0001B

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

$PRF8$

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

END EXCEPTION *2
BEGIN R/W ACQUISITION
BURNT HICKORY RD.
STA 300+25.04
N 1437975.5200
E 2171760.4787

END R/W ACQUISITION
BURNT HICKORY RD.
STA 365+75.00
N 1442020.0304
E 2167106.1401

L.L.L. 324
L.L.L. 1225

L.L.L. 322
L.L.L. 323

L.L.L. 322
L.L.L. 287

L.L.L. 1225
L.L.L. 1224

L.L.L. 323

L.L.L. 322
L.L.L. 323

L.L.L. 288
L.L.L. 287

300+00
305+00
310+00
315+00
320+00
325+00
330+00
335+00
340+00
345+00
350+00
355+00
360+00
365+00

47
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WHITLOCK AVE. / SR 120
POLK ST.
REQ'D R/W
WESTBOROUGH DR.
DEVONWOOD TR.
REQ'D R/W
EXIST. R/W
MOUNTAIN BROOK CT.
EXIST. R/W
OLD MOUNTAIN RD.

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 300 600 1200

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROPERTY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

DATE 11-15-18 SH 1C OF 42

DRAWING No.
60-0001C

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

DATE	SHEET NO.	REVISION
7-30-2019	1	REVISED RW COVER SHEET
7-30-2019	5	PARCEL 4: REVISED REQD RW TO AVOID UTILITY POLE GUY WIRE
7-30-2019	5	PARCEL 4: REVISED DRIVEWAY EASEMENT TO EXTEND DRIVEWAY
7-30-2019	5 & 6	PARCEL 5: REVISED DRIVEWAY EASEMENT TO EXTEND DRIVEWAY
7-30-2019	6	PARCEL 5: REMOVED TEMPORARY EASEMENT AND REVISED REQD RW FOR LIMITS OF CONSTRUCTION STA 25+00 TO 25+85 RT
7-30-2019	7	PARCEL 10: REVISED REQD RW FOR DRAINAGE STRUCTURE
7-30-2019	7 & 8	PARCEL 11: REVISED TEMPORARY EASEMENT TO AVOID FENCE STA 33+82 TO 35+00 RT
7-30-2019	8	PARCEL 12: REMOVED REQD RW DUE TO TRAIL BEING PULLED IN TO AVOID POLE STA 35+80 RT
7-30-2019	8	PARCEL 12: REVISED TEMPORARY EASEMENT DUE TO TRAIL BEING PULLED IN TO AVOID POLE STA 35+80 RT
7-30-2019	8	PARCEL 13: REVISED TEMPORARY EASEMENT 1 TO AVOID WALL STA 36+00 RT
7-30-2019	8	PARCEL 13: REVISED TEMPORARY EASEMENT 2 FOR LIMITS OF CONSTRUCTION STA 36+80 TO 38+98 RT
7-30-2019	9 & 10	PARCEL 16: REVISED TEMPORARY EASEMENT TO AVOID FENCE STA 42+10 TO 44+00 RT
7-30-2019	11	PARCEL 18: REVISED REQD RW TRACT 1 FOR DRAINAGE STRUCTURE
7-30-2019	12	PARCEL 18: REVISED REQD RW TRACT 3 FOR DRAINAGE STRUCTURE
7-30-2019	12	PARCEL 19: REVISED REQD RW TRACT 1 FOR DRAINAGE STRUCTURE & END ROLL RIP-RAP
7-30-2019	12	PARCEL 19: REVISED DRIVEWAY EASEMENT TO EXTEND DRIVEWAY
7-30-2019	12 & 13	PARCEL 19: REVISED TEMPORARY EASEMENT FOR CONSTRUCTION LIMITS STA 55+25 TO 57+20 RT
7-30-2019	13	PARCEL 20: REVISED REQD RW FOR DRAINAGE STRUCTURE
7-30-2019	13 & 14	PARCEL 20: ADDED REQD RW TRACT 2 FOR WALL
7-30-2019	13 & 14	PARCEL 20: REVISED TEMPORARY EASEMENT 2 FOR WALL CONSTRUCTION STA 62+50 TO 63+00 RT
7-30-2019	14	PARCEL 21: REVISED TEMPORARY EASEMENT TO AVOID FENCE AND WALL CONSTRUCTION STA 63+00 TO 63+93 RT
7-30-2019	14	PARCEL 21: ADDED REQD RW FOR WALL CONSTRUCTION
7-30-2019	15	PARCEL 27: REVISED TEMPORARY EASEMENT FOR CONSTRUCTION OF WALL STA 69+50 TO 70+20 RT
7-30-2019	15	PARCEL 28: REVISED TEMPORARY EASEMENT FOR CONSTRUCTION OF WALL STA 70+20 TO 71+40 RT
7-30-2019	15	PARCEL 29: REVISED TEMPORARY EASEMENT FOR CONSTRUCTION OF WALL STA 71+40 TO 73+00 RT
7-30-2019	15 & 16	PARCEL 30: REVISED TEMPORARY EASEMENT FOR CONSTRUCTION OF WALL STA 72+75 TO 74+80 RT
7-30-2019	16	PARCEL 31: REVISED TEMPORARY EASEMENT FOR CONSTRUCTION OF WALL STA 74+75 RT
7-30-2019	16	PARCEL 32: REVISED TEMPORARY EASEMENT FOR CONSTRUCTION OF WALL STA 74+80 TO 75+30 RT
7-30-2019	16	PARCEL 33: REVISED REQD RW TRACT 1 AND REVISED TEMPORARY EASEMENT TO AVOID FENCE STA 76+75 TO 78+00 RT
7-30-2019	18	PARCEL 36: REVISED DRIVEWAY EASEMENT TO EXTEND DRIVEWAY
7-30-2019	18	PARCEL 36: REVISED TEMPORARY EASEMENT FOR LIMITS OF CONSTRUCTION STA 83+50 TO 84+50 RT
7-30-2019	18	PARCEL 37: REVISED REQD RW FOR WALL
7-30-2019	18	PARCEL 37: REVISED TEMPORARY EASEMENT FOR WALL STA 87+20 TO 88+40 RT
7-30-2019	18	PARCEL 37: REVISED DRIVEWAY EASEMENTS 1 & 2 FOR WALL
7-30-2019	23	PARCEL 41: REVISED SPECIAL USE PERMIT AREA TO CONSTRUCT DRIVEWAY STA 110+60 RT
7-30-2019	24	PARCEL 42: CHANGED DRIVEWAY EASEMENT TO TEMPORARY EASEMENT STA 115+00 RT
7-30-2019	24	PARCEL 44: REVISED TEMPORARY EASEMENT FOR LIMITS OF CONSTRUCTION STA 118+40 RT
7-30-2019	30	PARCEL 47: ADDED REQD RW FOR DRAINAGE STRUCTURE AND REVISED TEMPORARY EASEMENT STA 301+20 RT
7-30-2019	32	PARCEL 50: REVISED REQD RW TO AVOID SIGNAL POLE
7-30-2019	32	PARCEL 50: REVISED TEMPORARY EASEMENT FOR LIMITS OF CONSTRUCTION STA 311+40 TO 313+05 LT
7-30-2019	32 & 33	PARCEL 51: REVISED TEMPORARY EASEMENT FOR LIMITS OF CONSTRUCTION STA 313+05 TO 315+00 LT
7-30-2019	33	PARCEL 51: REMOVED TEMPORARY EASEMENT 2 OF 4 AND RENUMBERED STA 316+50 LT
7-30-2019	34	PARCEL 53: REMOVED TEMPORARY EASEMENT
7-30-2019	34 & 35	PARCEL 54: REMOVED TEMPORARY EASEMENT
7-30-2019	35	PARCEL 55: REVISED REQD RW FOR DRAINAGE STRUCTURE
7-30-2019	35	PARCEL 55: REVISED DRIVEWAY EASEMENT FOR DRAINAGE STRUCTURE
7-30-2019	35	PARCEL 55: REVISED TEMPORARY EASEMENTS 1 & 2 FOR DRAINAGE STRUCTURE STA 327+50 TO 330+00 LT
7-30-2019	35 & 36	PARCEL 56: REVISED TEMPORARY EASEMENT TO AVOID FENCE STA 330+15 TO 332+40 LT
7-30-2019	35	PARCEL 56A: ADDED REQD RW FOR DRAINAGE STRUCTURE
7-30-2019	24A	PARCEL 4: REVISED REQ'D RW AND DRIVEWAY EASEMENT TABULATIONS
7-30-2019	24A	PARCEL 5: REVISED REQ'D RW TABULATION & DRIVEWAY EASEMENT TABULATION
7-30-2019	24A	PARCEL 5: REMOVED TEMP EASMT TABULATION
7-30-2019	24B	PARCEL 10: REVISED REQ'D RW TABULATION
7-30-2019	24B	PARCEL 11: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	24B	PARCEL 12: REMOVED REQ'D RW TABULATION & REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	24B	PARCEL 13: REVISED TEMPORARY EASEMENTS 1 & 2 TABULATIONS
7-30-2019	24B	PARCEL 16: REVISED TEMPORARY EASEMENT TABULATION

DATE	SHEET NO.	REVISION
7-30-2019	24B	PARCEL 18: REVISED REQ'D RW TABULATION TRACT 1
7-30-2019	24C	PARCEL 18: REVISED REQ'D RW TABULATION TRACT 3
7-30-2019	24C	PARCEL 19: REVISED REQ'D RW TABULATION TRACT 1
7-30-2019	24C	PARCEL 19: REVISED TEMPORARY EASEMENT & DRIVEWAY EASEMENT TABULATIONS
7-30-2019	24C	PARCEL 20: REVISED REQ'D RW TABULATION
7-30-2019	24C	PARCEL 20: ADDED REQ'D RW TABULATION TRACT 2
7-30-2019	24C	PARCEL 20: REVISED TEMPORARY EASEMENT 2 TABULATION
7-30-2019	24C	PARCEL 21: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	24C	PARCEL 21: ADDED REQ'D RW TABULATION
7-30-2019	24C	PARCEL 27: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	24D	PARCEL 28: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	24D	PARCEL 29: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	24D	PARCEL 30: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	24D	PARCEL 31: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	24D	PARCEL 32: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	24D	PARCEL 33: REVISED REQ'D RW TRACT 1 & TEMPORARY EASEMENT TABULATIONS
7-30-2019	24D	PARCEL 36: REVISED DRIVEWAY EASEMENT & TEMPORARY EASEMENT TABULATIONS
7-30-2019	24E	PARCEL 37: REVISED REQ'D RW, TEMPORARY EASEMENT, & DRIVEWAY EASEMENTS 1&2 TABULATIONS
7-30-2019	24E	PARCEL 41: REVISED SPECIAL USE PERMIT AREA TABULATION
7-30-2019	24E	PARCEL 42: REMOVED DRIVEWAY EASEMENT TABULATION & ADDED TEMPORARY EASEMENT TABULATION
7-30-2019	24E	PARCEL 44: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	24F	UPDATED NORTHING/EASTING COORDINATES
7-30-2019	42A	PARCEL 47: ADDED REQ'D RW TABULATION
7-30-2019	42A	PARCEL 47: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	42A	PARCEL 50: REVISED REQ'D RW & TEMPORARY EASEMENT TABULATIONS
7-30-2019	42A	PARCEL 51: REMOVED TEMPORARY EASEMENT TABULATION 2 OF 4 AND RENUMBERED
7-30-2019	42A	PARCEL 51: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	42A	PARCEL 53: REMOVED TEMPORARY EASEMENT TABULATION
7-30-2019	42A	PARCEL 54: REMOVED TEMPORARY EASEMENT TABULATION
7-30-2019	42A	PARCEL 55: REVISED REQ'D RW TABULATION
7-30-2019	42A	PARCEL 55: REVISED DRIVEWAY EASEMENT TABULATION
7-30-2019	42A	PARCEL 55: REVISED TEMPORARY EASEMENTS 1 & 2 TABULATIONS
7-30-2019	42A	PARCEL 56: REVISED TEMPORARY EASEMENT TABULATION
7-30-2019	42A	PARCEL 56A: ADDED REQ'D RW TABULATION
7-30-2019	42B & 42C	UPDATED NORTHING/EASTING COORDINATES
9-20-2019	4	PARCEL 2: ADDED DRIVEWAY EASEMENT TO EXTEND DRIVEWAY. DRIVEWAY CHANGED FROM CURB CUT TO CONCRETE VALLEY GUTTER
9-20-2019	5 & 6	PARCEL 5: REMOVED DRIVEWAY AND DRIVEWAY EASEMENT, ADDED TEMPORARY EASEMENT FOR SLOPES STA 24+00 TO 24+95 RT
9-20-2019	7	PARCEL 8: REVISED DRIVEWAY EASEMENT TO EXTEND DRIVEWAY
9-20-2019	10	PARCEL 17: ADDED TREE NOTES
9-20-2019	16	PARCEL 33: REVISED REQD RW TO AVOID FENCE
9-20-2019	16	PARCEL 33: REMOVED DRIVEWAY EASEMENT AND REVISED TEMPORARY EASEMENT TO AVOID FENCE STA 76+23 TO 78+00 RT
9-20-2019	17	PARCEL 36: REVISED DRIVEWAY TO STAY OFF NPS PROPERTY AND ADDED DRIVEWAY EASEMENT 1
9-20-2019	18	PARCEL 36: REVISED DRIVEWAY EASEMENT 2 TO TIE DRIVEWAY INTO EXISTING CIRCULAR DRIVEWAY
9-20-2019	24A	PARCEL 2: ADDED TABULATION FOR DRIVEWAY EASEMENT
9-20-2019	24A	PARCEL 5: REMOVED DRIVEWAY EASEMENT TABULATION & ADDED TEMPORARY EASEMENT TABULATION.
9-20-2019	24B	PARCEL 8: REVISED DRIVEWAY EASEMENT TABULATION
9-20-2019	24D	PARCEL 33: REVISED REQ'D RW TABULATION
9-20-2019	24D	PARCEL 33: REMOVED DRIVEWAY EASEMENT TABULATION
9-20-2019	24D	PARCEL 33: REVISED TEMPORARY EASEMENT TABULATION
9-20-2019	24D	PARCEL 36: ADDED DRIVEWAY EASEMENT 1 TABULATION
9-20-2019	24D	PARCEL 36: REVISED DRIVEWAY EASEMENT 2 TABULATION
9-20-2019	24F	UPDATED NORTHING/EASTING COORDINATES
9-20-2019	35	PARCEL 55: REVISED REQD RW FOR TRAIL WIDTH REDUCTION TO 8'
9-20-2019	35	PARCEL 55: REVISED TEMPORARY EASEMENT 1 FOR TRAIL REDUCTION TO 8' STA 327+48 TO 328+41 LT
9-20-2019	42A	PARCEL 55: REVISED REQ'D RW & TEMPORARY EASEMENT 1 TABULATIONS.
9-20-2019	42B & 42C	UPDATED NORTHING/EASTING COORDINATES
10-28-2019	7	PARCEL 9: CLARIFIED LOCATION AND FINISH OF EXISTING WALL REMOVAL
12-17-2019	24	PARCEL 42: CHANGED TEMPORARY EASEMENT TO DRIVEWAY EASEMENT

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	UPDATED REVISION SUMMARY SHEET		
9-20-2019	UPDATED REVISION SUMMARY SHEET		
10-28-2019	UPDATED REVISION SUMMARY SHEET		
12-17-2019	UPDATED REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

REVISION SUMMARY

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

DATE 11-15-18 SH 2A OF 42

DRAWING No.
60-002A

7/31/2015 GRWPLN

Heath & Linebback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

DATE	SHEET NO.	REVISION
12-17-2019	32	PARCELS 50 & 51: REMOVED WALL AND WALL LABELS FROM PLANS
12-17-2019	32	PARCEL 50: REVISED REQD R/W AND EASEMENT FOR ADDED WALL 4 TO AVOID POND
12-17-2019	42A	PARCEL 50: REVISED REQ'D RW & TEMPORARY EASEMENT TABULATIONS
01-10-2020	7	PARCEL 8: ADDED EXISTING WALL AND NOTE SHOWING WALL REMOVAL LIMITS
02-26-2020	34	PARCEL 56A: CORRECTED PID NUMBER
02-26-2020	35	PARCEL 56A: CORRECTED PID NUMBER
02-26-2020	36	PARCEL 56A: CORRECTED PID NUMBER
03-30-2020	18	PARCEL 37: REVISED REQ'D RW, EASEMENT, PIPE SIZE AND DRIVEWAY EASEMENT FOR WALL MODIFICATION
03-30-2020	19	PARCEL 37: REVISED REQ'D RW, EASEMENT, PIPE SIZE AND DRIVEWAY EASEMENT FOR WALL MODIFICATION
03-30-2020	18	PARCEL 37: REVISED EXISTING RW
03-30-2020	19	PARCEL 37: REVISED EXISTING RW
03-30-2020	24	PARCEL 42: REMOVED DRIVEWAY EASEMENT 2
03-30-2020	24	PARCEL 43: REMOVED EASEMENT AND DRIVEWAY EASEMENT
03-30-2020	24	PARCEL 44: REMOVED EASEMENT AND DRIVEWAY EASEMENT
03-30-2020	24E	PARCEL 37: REVISED RW, EASEMENT, AND DRIVEWAY EASEMENT TABULATIONS
03-30-2020	24E	PARCEL 42: REMOVED DRIVEWAY EASEMENT 2 TABULATION
03-30-2020	24E	PARCEL 43: REMOVED EASEMENT AND DRIVEWAY EASEMENT TABULATIONS
03-30-2020	24E	PARCEL 44: REMOVED EASEMENT AND DRIVEWAY EASEMENT TABULATIONS
03-30-2020	24F	UPDATED NORTHING/EASTING COORDINATES
05-15-2020	7	PARCEL 8: UPDATED DRIVEWAY AND DRIVEWAY EASEMENT
05-15-2020	24B	PARCEL 8: UPDATED DRIVEWAY EASEMENT TABULATION
05-15-2020	24F	UPDATED NORTHING/EASTING COORDINATES
05-15-2020	15 & 16	PARCEL 30: ADDED EXISTING WOOD FENCE LOCATION
05-15-2020	30	PARCEL 48: ADDED REQD RW FOR RETAINING WALL
05-15-2020	30 & 31	PARCEL 48: ADJUSTED TEMPORARY EASEMENT FOR WALL AND FENCE RELOCATION
05-15-2020	42A	PARCEL 48: ADDED TABULATION FOR REQD RW AND UPDATED TEMPORARY EASEMENT TABULATION
05-15-2020	42B & 42C	UPDATED NORTHING/EASTING COORDINATES
06-19-2020	20, 21 & 22	PARCEL 40: UPDATED SPECIAL USE PERMIT AREA FOR TRAIL SHIFT TO AVOID FENCE
06-19-2020	24E	PARCEL 40: UPDATED SPECIAL USE PERMIT AREA TABULATION
06-19-2020	24F	UPDATED NORTHING/EASTING COORDINATES
06-19-2020	36	PARCEL 57: UPDATED SPECIAL USE PERMIT AREA FOR UPDATED GUARDRAIL SHOULDER
06-19-2020	42B	PARCEL 57: UPDATED SPECIAL USE PERMIT AREA TABULATION
06-24-2020	12	PARCEL 19: UPDATED DRIVEWAY EASEMENT
06-24-2020	24C	PARCEL 19: UPDATED DRIVEWAY EASEMENT TABULATION
06-24-2020	24F	UPDATED NORTHING/EASTING COORDINATES
07-06-2020	35	PARCEL 56A: REMOVED REQD RW AND CROSS PIPE
07-06-2020	36	PARCEL 56A: REMOVED REQD RW AND CROSS PIPE
07-06-2020	42A	PARCEL 56A: REMOVED REQD RW TABULATION
07-06-2020	42B	UPDATED NORTHING/EASTING COORDINATES
08-20-2020	14 & 15	PARCEL 30: REMOVED EASEMENT
08-20-2020	24D	PARCEL 30: REMOVED EASEMENT TABULATION

DATE	SHEET NO.	REVISION

DATE	REVISIONS	DATE	REVISIONS
12-17-2019	UPDATED REVISION SUMMARY SHEET	06-24-2020	UPDATED REVISION SUMMARY SHEET
01-10-2020	UPDATED REVISION SUMMARY SHEET	07-06-2020	UPDATED REVISION SUMMARY SHEET
02-26-2020	UPDATED REVISION SUMMARY SHEET	08-20-2020	UPDATED REVISION SUMMARY SHEET
03-30-2020	UPDATED REVISION SUMMARY SHEET		
05-15-2020	UPDATED REVISION SUMMARY SHEET		
06-19-2020	UPDATED REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

REVISION SUMMARY

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

DATE 11-15-18 SH 2B OF 42

DRAWING No.
60-002B

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

$PRF8$

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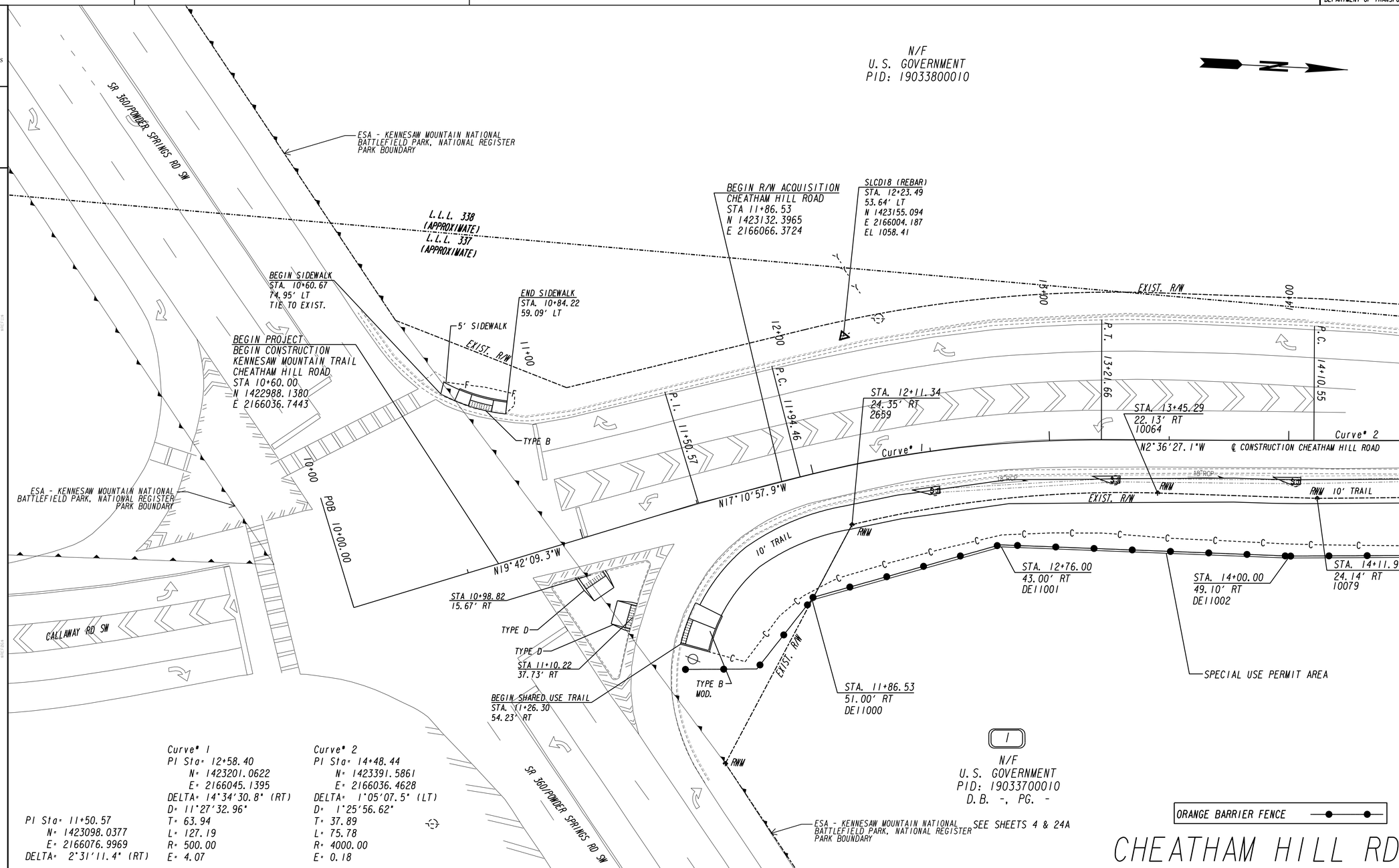
GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393



Curve# 1
PI Sta= 12+58.40
N= 1423201.0622
E= 2166045.1395
DELTA= 14°34'30.8" (RT)
D= 11°27'32.96"
T= 63.94
L= 127.19
R= 500.00
E= 4.07

Curve# 2
PI Sta= 14+48.44
N= 1423391.5861
E= 2166036.4628
DELTA= 1°05'07.5" (LT)
D= 1°25'56.62"
T= 37.89
L= 75.78
R= 4000.00
E= 0.18

PI Sta= 11+50.57
N= 1423098.0377
E= 2166076.9969
DELTA= 2°31'11.4" (RT)

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 337 & 338
LAND DISTRICT: 19

DATE 11-15-18 SH 3 OF 42

DRAWING No.
60-0003

7/31/2015 GRWPLN

Heath & Linebback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY GEORGIA 1832

N/F
U. S. GOVERNMENT
PID: 19033800010

Curve° 2
PI Sta= 14+48.44
N= 1423391.5861
E= 2166036.4628
DELTA= 1°05'07.5" (LT)
D= 1°25'56.62"
T= 37.89
L= 75.78
R= 4000.00
E= 0.18

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK.

L.L.L. 338 (APPROXIMATE)
L.L.L. 329 (APPROXIMATE)

N/F
U. S. GOVERNMENT
PID: 19032900010

Curve° 3
PI Sta= 16+61.17
N= 1423603.8818
E= 2166022.7606
DELTA= 2°54'09.9" (RT)
D= 1°25'56.62"
T= 101.35
L= 202.65
R= 4000.00
E= 1.28

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)

MATCH LINE STA. 14+50

DRAWING No. 60-0003

DRAWING No. 60-0005

MATCH LINE STA. 19+50

EXIST. R/W

15+00 | 16+00 | 17+00 | 18+00 | 19+00

P.C. 15+59.82 | P.T. 14+86.32 | P.T. 17+62.47

L.L.L. 338 (APPROXIMATE)
L.L.L. 337 (APPROXIMATE)

BEGIN 3' SPLIT RAIL
STA. 16+34.16
17.44' RT
SEE SHT 38-0002

END 10' HEADER CURB, TP A
BEGIN TURN UP °1
STA. 16+54.00
31.61' RT

STA. 16+50.00
21.82' RT

BEGIN 10' HEADER CURB, TP A
STA. 16+44.59
42.46' RT

R-15'

STA. 16+03.66
16.64' RT

STA. 15+42.51
24.24' RT
10096

Curve° 2
℄ CONSTRUCTION CHEATHAM HILL ROAD
N3°41'34.6"W

+36.00 HORSE TRAIL

STA. 17+01.85
11.64' RT

END 3' SPLIT RAIL
STA. 16+95.60
16.57' RT
SEE SHT 38-0002

STA. 17+41.44
24.03' RT
2170

STA. 17+11.87
11.12' RT

END TAPER
STA. 17+14.10
11.00' RT

STA. 17+76.00
23.97' RT
2171

STA. 17+82.48
11.00' RT

ESA - RESOURCE 12

SLCD17 (REBAR)
STA. 17+86.56
19.40' RT
N 1423729.571
E 2166040.433
EL 1045.63

END CURB AND GUTTER
END TAPER
8"X24", TP 2
STA. 18+45.21
12.04' RT
TIE TO EXISTING

STA. 18+64.71
23.79' RT
38

BEGIN TAPER
STA. 18+21.46
13.67' RT

+04.00 14' WIDE CONC

+41.00 14' WIDE

N0°47'24.7"W

18"RCP | 18"RCP | 18"RCP | 18"RCP | 18"RCP | 18"CMP

10' TRAIL | 8' TRAIL | 10' TRAIL | 10' TRAIL

EXIST. R/W | REQ'D R/W

BEGIN 10' HEADER CURB, TP A
STA. 16+00.00
26.57' RT

STA. 16+21.05
28.71' RT

STA. 14+89.00
49.03' RT
DE11003

STA. 16+22.04
38.00' RT
DE11005

BEGIN 4' SPLIT RAIL
STA. 16+30.67
36.57' RT
SEE SHT 38-0002

END 10' HEADER CURB, TP A
STA. 16+34.44
42.39' RT

END 4' SPLIT RAIL
STA. 16+35.48
63.30' RT
SEE SHT 38-0002

STA. 15+50.00
38.01' RT
DE11004

SPECIAL USE PERMIT AREA

STA. 16+31.21
75.00' RT
DE11006

STA. 16+36.88
71.00' RT

ESA - RESOURCE 10

STA. 17+01.99
18.54' RT

STA. 17+03.72
34.49' RT
DE11009

STA. 17+12.02
17.43' RT

ESA-RESOURCE 10

BEGIN TAPER
STA. 17+50.00
13.00' RT

END TURN UP °1
END TAPER
STA. 17+66.80
21.00' RT

BEGIN CURB AND GUTTER
BEGIN TAPER
8"X24", TP 2
STA. 16+63.96
13.38' RT
TIE TO EXISTING

STA. 17+52.01
66.00' RT
DE13075

STA. 16+53.34
41.00' RT
DE11008

STA. 16+51.59
75.00' RT
DE11007

STA. 16+47.10
71.00' RT

STA. 18+24.00
42.00' RT
DE13073

STA. 17+96.00
66.00' RT
DE13074

STA. 17+99.63
42.00' RT
DE12000

END TAPER
STA. 18+41.42
15.57' RT

STA. 18+40.00
42.00' RT
DE12001

STA. 17+85.50
23.93' RT
45

STA. 17+80.70
30.00' RT
DE10001

STA. 17+76.99
34.69' RT
DE11011

STA. 17+62.47
30.00' RT
DE11010

STA. 18+80.00
37.00' RT
DE12003

STA. 18+65.53
30.00' RT
DE10002

STA. 18+66.68
38.67' RT
DE12002

STA. 19+22.00
45.00' RT
DE13001

STA. 19+22.00
37.00' RT
DE13000

1
N/F
U. S. GOVERNMENT
PID: 19033700010
D.B. -, PG. -
SEE SHEETS 3 & 24A

2
N/F
FRANKLIN FERGUSON
1625 CHEATHAM HILL RD
PID: 19033000040
D.B. 10543, PG. 191
SEE SHEET 24A

3
N/F
FRANK & NANCY HADDEN
REVOCABLE LIVING
TRUST
1615 CHEATHAM HILL RD
PID: 19033000070
D.B. 14889, PG. 3162
SEE SHEETS 5 & 24A

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

ORANGE BARRIER FENCE

L.L.L. 337 (APPROXIMATE)
L.L.L. 330 (APPROXIMATE)

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 329, 330, 337&338
LAND DISTRICT: 19

DATE 11-15-18 SH 4 OF 42

DRAWING No. 60-0004

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

PI Sta= 21+47.62
N= 1424090.3267
E= 2166016.0513
DELTA= 0°32'14.9" (RT)

N

N/F
U.S. GOVERNMENT
CHEATHAM HILL RD
PID: 19032900010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 2

MATCH LINE STA. 19+50

DRAWING No. 60-0004

20+00 | 21+00 | P.I. 21+47.62 | 22+00 | 23+00 | 24+00

DRAWING No. 60-0006

MATCH LINE STA. 24+50

STA. 20+64.72
24.54' RT
46

STA. 21+25.28
15.39' RT

STA. 21+17.08
15.90' RT

SLCD16 (REBAR)
STA. 23+19.38
14.87' LT
N 1424262.021
E 2166000.426
EL 1005.89

STA. 23+46.32
19.82' RT

STA. 23+55.71
21.11' RT

STA. 23+62.96
25.06' RT
49

STA. 23+69.16
21.11' RT

STA. 23+78.52
19.82' RT

EXIST. R/W

L.L.L. 329 (APPROXIMATE)
L.L.L. 330 (APPROXIMATE)

R=50'

BEGIN TAPER
STA. 22+45.99
11.56' RT

END TAPER
STA. 22+72.76
12.55' RT

STA. 23+02.73
16.29' RT

+87.000
15' WIDE
CONC

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°47'24.7"W

N0°15'09.8"W

R=35' R=25'

R=25'

18" DIP

18' 10' TRAIL

18' 10' TRAIL

EXIST. R/W

REQ'D R/W

REQ'D R/W

REQ'D R/W

ASPHALT DRIVE

18'

24"

24" RCP

EXIST. R/W

STA. 19+55.00
37.00' RT
DE13003

STA. 20+39.60
15.47' RT

STA. 20+49.00
30.00' RT
DE10003

STA. 20+49.00
37.00' RT
DE10004

STA. 19+55.00
45.00' RT
DE13002

STA. 20+55.76
19.41' RT

STA. 20+64.65
37.00' RT
DE10005

3

N/F
FRANK & NANCY HADDEN REVOCABLE LIVING TRUST
1615 CHEATHAM HILL RD
PID: 19033000070
D.B. 14889, PG. 3162
SEE SHEETS 4 & 24A

STA. 20+70.54
22.02' RT

STA. 21+00.00
30.00' RT
DE10007

STA. 21+00.00
37.00' RT
DE10006

4

N/F
DAVID SKILLING
1605 CHEATHAM HILL RD
PID: 19033000050
D.B. 15309, PG. 5371
SEE SHEET 24A

BEGIN CURB AND GUTTER
8"X24", TP 2
BEGIN TAPER
STA. 22+30.48
11.54' RT
TIE TO EXISTING

TEMP EASM'T 1

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

STA. 22+50.00
30.00' RT
DE10009

STA. 22+50.00
37.00' RT
DE12004

STA. 22+50.00
39.00' RT
DE10010

STA. 22+50.00
42.00' RT
DE12005

TEMP EASM'T 2

STA. 22+60.00
43.68' RT
DE13004

STA. 22+65.00
61.00' RT
DE13005

BEGIN ORN FENCE
STA. 23+00.00
28.01' RT

STA. 23+12.70
19.80' RT

STA. 22+97.00
61.00' RT
DE13006

STA. 23+06.00
51.43' RT
DE13007

STA. 23+45.00
55.00' RT
DE10011

STA. 23+45.00
58.00' RT
DE12006

STA. 23+45.00
62.00' RT
DE10012

STA. 23+48.36
62.00' RT
DE10013

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

WETLAND 1

INTERMITTENT STREAM 2

STA. 24+00.00
56.00' RT
DE10114

5

N/F
GRUBER DAVID
1495 KOLB LN
PID: 19033000180
D.B. 14926, PG. 2530
SEE SHEETS 6 & 24A

STA. 24+00.00
62.00' RT
DE10014

ORANGE BARRIER FENCE

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 4 & 5: SEE REVISION SUMMARY SHEET		
9-20-2019	PARCEL 5: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 329 & 330
LAND DISTRICT: 19

DATE 11-15-18 SH 5 OF 42

DRAWING No.
60-0005

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

INTERMITTENT STREAM 2

N/F
U.S. GOVERNMENT
PID: 19032900010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

PI Sta= 26+34.53
N= 1424577.2291
E= 2166013.9037
DELTA= 0°34'25.6" (RT)

Curve* 4
PI Sta= 29+16.35
N= 1424859.0483
E= 2166015.4828
DELTA= 1°05'58.3" (RT)
D= 2°51'53.24"
T= 19.19
L= 38.38
R= 2000.00
E= 0.09

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

DRAWING No. 60-0005 — MATCH LINE STA. 24+50

DRAWING No. 60-0007 — MATCH LINE STA. 29+00

25+00 | 26+00 | P.I. 26+34.53 | 27+00 | 28+00 | 29+00

EXIST. R/W

STA. 24+70.00
16.54' RT

STA. 26+34.14
25.85' RT
2207

STA. 25+82.80
25.50' RT
57

STA. 26+64.14
16.40' RT

STA. 27+68.56
15.43' RT

STA. 28+57.15
22.85' RT
REMOVE EXIST. PIPE

REMOVE WALLS AND COLUMNS WITHIN RIGHT OF WAY

STA. 28+35.29
25.71' RT
10731

P.C. 28+97.16

EXIST. R/W
Curve* 4
97.00' 14' WIDE

STA. 28+35.04
46.00' RT
DE10027

STA. 28+26.78
22.65' RT

STA. 28+78.30
15.79' RT

L.L.L. 329 (APPROXIMATE)
L.L.L. 330 (APPROXIMATE)

N0°15'09.8"W

N0°19'15.8"E
℄ CONSTRUCTION CHEATHAM HILL ROAD

TYPE D | R=20' | R=35' | R=25'

10' TRAIL | 12"RCP | 18" | 24" | EXIST. R/W | REQ'D R/W | ASPHALT DRIVE | 18"RCP | 12"PVC | CONCRETE BASE

STA. 24+95.00
42.00' RT
DE12194

STA. 24+78.00
42.00' RT
DE10018

STA. 25+77.52
13.37' RT

END ORN FENCE
STA. 24+81.00
29.15' RT

STA. 24+50.00
55.00' RT
DE12195

STA. 25+82.53
42.00' RT
DE12008

STA. 25+97.43
33.91' RT

END CURB AND GUTTER
8"X24", TP 2
STA. 25+97.35
36.81' RT
TIE TO EXISTING

KOLB LANE

STA. 26+47.02
21.18' RT

STA. 26+52.04
13.09' RT

TEMP EASM'T 1
STA. 26+56.00
36.00' RT
DE10024

STA. 26+56.00
39.00' RT
DE10023

STA. 26+33.79
47.00' RT
DE10022

STA. 26+36.77
24.51' RT

CLASS B CONCRETE WIDENING TINTED BLACK
STA. 26+17.11
47.05' RT

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 26+17.08
48.06' RT
TIE TO EXISTING

STA. 27+84.00
41.00' RT
DE13010 &
54.00' RT
DE13011

STA. 27+78.21
12.00' RT

STA 27+86.00
36.00' RT
DE10025

STA. 28+01.00
41.00' RT
DE12009

STA. 28+13.72
16.34' RT

STA. 28+21.92
12.16' RT

STA. 28+16.00
51.00' RT
DE12010

STA. 28+16.00
54.00' RT
DE13012

STA. 28+16.00
46.00' RT
DE10026

TEMP EASM'T 2

TEMP EASM'T 1
STA. 28+66.48
51.00' RT
DE12012

STA. 28+66.00
30.80' RT
DE10029 &
39.00' RT
DE10028

STA. 28+80.00
39.07' RT
DE13013 &
48.00' RT
DE13014

STA. 28+34.98
51.00' RT
DE12011

STA 28+97.16
30.80' RT
DE10030

TEMP EASM'T 2

5
N/F
GRUBER DAVID
1495 KOLB LN
PID: 19033000180
D.B. 14926, PG. 2530
SEE SHEETS 5 & 24A

6
N/F
ELLIS EDWARD J &
CATHERINE WOODALL
1541 CHEATHAM HILL RD
PID: 19033000080
D.B. 14721, PG. 1805
SEE SHEET 24A

7
N/F
THOMAS RUSSELL L
& LENA LOU
1521 CHEATHAM HILL RD
PID: 19033000090
D.B. 9485, PG. 278
SEE SHEETS 7, 24A & 24B

ORANGE BARRIER FENCE

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCEL 5: SEE REVISION SUMMARY SHEET		
9-20-2019	PARCEL 5: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 329 & 330
LAND DISTRICT: 19
DATE 11-15-18 SH 6 OF 42
DRAWING No. 60-0006

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

$PRF8$

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY GEORGIA

Curve# 4
PI Sta: 29+16.35
N: 1424859.0483
E: 2166015.4828
DELTA: 1°05'58.3" (RT)
D: 2°51'53.24"
T: 19.19
L: 38.38
R: 2000.00
E: 0.09

L.L.L. 329 (APPROXIMATE)
L.L.L. 284 (APPROXIMATE)

Curve# 5
PI Sta: 34+15.11
N: 1425357.6111
E: 2166029.6653
DELTA: 3°46'11.2" (LT)
D: 5°43'46.48"
T: 32.91
L: 65.80
R: 1000.00
E: 0.54

PI Sta: 31+20.89
N: 1425063.5287
E: 2166020.5537
DELTA: 0°21'14.6" (RT)

N/F
U.S. GOVERNMENT
PID: 19032900010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
J. G. ANDERSON
1484 CHEATHAM HILL RD
PID: 19026400030
D.B. 14511, PG. 2582

N/F
MERITAGE HOMES OF GEORGIA INC.
1613 BUNTING FOREST CT
PID: 19026400460
D.B. 15212, PG. 2547

N/F
DANIEL MAHONY
1600 BUNTING FOREST CT
PID: 19026400470
D.B. 15434, PG. 3854

MATCH LINE STA. 29+00
DRAWING No. 60-0006
MATCH LINE STA. 34+50
DRAWING No. 60-0008

29+00 30+00 31+00 32+00 33+00 34+00

P.T. 29+35.54
P.I. 31+20.89
P.T. 34+48.00

EXIST. R/W
REQ'D R/W
10' TRAIL
ASPHALT DRIVE
BRICK WALL
18" CMP
15" CMP
24" RCP
+78.00 14' WIDE CONC
+45.00 14' WIDE
+11.00 18' WIDE
℄ CONSTRUCTION CHEATHAM HILL ROAD
Curve# 4 N1°25'14.1"E
N1°46'28.7"E
Curve# 5

SLCD15 (REBAR)
STA. 30+27.71
18.24' RT
N 1424969.923
E 2166036.474
EL 1006.14

STA. 30+47.68
23.10' RT
10729

STA. 32+95.93
16.17' RT

END CURB AND GUTTER
8"X24", TP 2
STA. 33+46.13 P.C. 33+82.20
12.80' RT
TIE TO EXIST.

STA. 34+43.01
32.64' RT
2229

STA. 33+54.34
16.32' RT

STA. 33+44.35
14.80' RT

STA. 29+35.54
30.80' RT
DE10031

TEMP EASM'T 2

STA. 29+35.54
39.00' RT
DE12117

STA. 29+14.00
48.00' RT
DE13016

STA. 29+14.00
39.18' RT
DE13015

STA. 30+47.73
30.80' RT
2208

STA. 30+47.78
39.00' RT
DE12013

STA. 30+50.00
39.00' RT
DE12014

STA. 30+82.00
120.00' RT
DE13018

STA. 30+48.29
120.00' RT
DE13017

STA. 31+08.00
47.00' RT
DE13019

STA. 30+70.00
47.00' RT
DE12015

STA. 31+24.35
30.49' RT
2210

STA. 31+28.75
47.00' RT
DE12016

STA. 31+50.00
47.00' RT
DE12017

STA. 32+20.00
36.00' RT
DE12018

STA. 32+29.00
36.00' RT
DE13020

STA. 32+29.00
53.00' RT
DE13021

REMOVE CONC WALL TO STA 32+37, 41.00' RT. END OF WALL TO BE FINISHED WITH REMOVED MATERIAL TO MATCH EXISTING FINISH. COST TO BE INCLUDED IN GRADING COMPLETE

STA. 32+55.00
27.48' RT
DE10033 &
36.00' RT
DE12019 &
39.00' RT
DE10034

STA. 32+62.00
39.00' RT
DE13022 &
53.00' RT
DE13023

STA. 32+63.81
39.00' RT
DE10035

STA. 32+63.96
44.00' RT
DE10119

STA. 32+63.46
27.28' RT
10768

STA. 32+97.00
44.00' RT
DE13024 &
58.00' RT
DE13025

STA. 33+29.00
44.00' RT
DE13026

STA. 33+29.00
58.00' RT
DE13027

END TAPER
STA. 33+53.57
26.32' RT

BEGIN TAPER
STA. 33+36.90
23.78' RT

STA. 33+38.50
31.47' RT
10806

STA. 33+82.20
31.17' RT
DE10112

STA. 33+38.59
37.00' RT
DE10113

STA. 33+38.71
44.00' RT
DE10118

STA. 34+12.00
34.00' RT
DE12039
36.50' RT
DE12164

STA. 33+82.20
34.00' RT
DE12020

STA. 33+82.20
36.00' RT
DE12021

7
N/F
THOMAS RUSSELL L & LENA LOU
1521 CHEATHAM HILL RD
PID: 19033000090
D.B. 9485, PG. 278
SEE SHEETS 6, 24A & 24B

8
N/F
WIGLEY SHANNON L & APRIL
1511 CHEATHAM HILL RD
PID: 19026300280
D.B. 12158, PG. 257
SEE SHEET 24B

9
N/F
CHARLES KERSEY
1505 CHEATHAM HILL RD
PID: 19026300260
D.B. 14194, PG. 5337
SEE SHEET 24B

10
N/F
KRISTOPHER FREEMAN
1495 CHEATHAM HILL RD
PID: 19026300290
D.B. 14542, PG. 1883
SEE SHEET 24B

11
N/F
SUTTON ZACHERY A & DUNLAP LAJUINESE T
1480 LIVINGSTON DR
PID: 19026300250
D.B. 15245, PG. 4186
SEE SHEETS 8 & 24B

L.L.L. 330 (APPROXIMATE)
L.L.L. 263 (APPROXIMATE)

ORANGE BARRIER FENCE

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 10 & 11: SEE REVISION SUMMARY SHEET		
9-20-2019	PARCEL 8: SEE REVISION SUMMARY SHEET		
10-28-2019	PARCEL 9: SEE REVISION SUMMARY SHEET		
01-10-2020	PARCEL 8: SEE REVISION SUMMARY SHEET		
5-15-2020	PARCEL 8: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO: 0015279
COUNTY: COBB
LAND LOT NO: 263, 264, 329&330
LAND DISTRICT: 19

DATE 11-15-18 SH 7 OF 42

DRAWING No.
60-0007

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

N/F
DANIEL MAHONY
1600 BUNTING FOREST CT
PID: 19026400470
D.B. 15434, PG. 3854

N/F
LINDA MCMURRAY
1610 BUNTING FOREST CT
PID: 19026400480
D.B. 15414, PG. 1511

N/F
ZHEN LI
1616 BUNTING FOREST CT
PID: 19026400490
D.B. 15372, PG. 487

DRAWING No. 60-0007

MATCH LINE STA. 34+50

MATCH LINE STA. 39+00

DRAWING No. 60-0009

EXIST. R/W

10' TRAIL

N11°59'42.5"W

℄ CONSTRUCTION CHEATHAM HILL ROAD

Curve° 6

Curve° 7

Curve° 8

Curve° 9

P.C. 34+75.54

35+00

35+86.69

36+00

37+00

38+00

P.C.C. 36+78.18

P.C. 38+37.21

P.T. 38+25.03

N24°50'49.2"W

N46°35'46.3"W

N71°43'54.2"W

R=35'

R=25'

R=27'

TYPE D

15"CMP

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 35+37.05
36.69' RT
TIE TO EXISTING
STA. 35+58.57
19.35' RT

STA. 35+65.67
16.59' RT

STA. 35+67.77
12.83' RT
2231

SLCD14 (REBAR)
STA. 36+36.29
25.64' RT
N 1425583.280
E 2165997.199
EL 1008.29

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 34+02.49
33.20' RT
DE12165
STA. 34+02.49
38.16' RT
DE12166

STA. 38+48.10
34.27' RT
2244

STA. 38+97.68
31.23' RT
11087

STA. 38+37.00
40.00' RT
DE12036

TEMP EASM'T 2
STA. 38+00.00
41.00' RT
DE12034

STA. 38+97.91
37.00' RT
DE12037

STA. 36+41.68
32.94' RT
DE12167

STA. 36+34.25
34.00' RT
DE12028

STA. 35+76.77
14.83' RT

STA. 35+83.71
34.00' RT
DE10117

STA. 35+79.71
31.73' RT
2232

STA. 35+85.22
15.18' RT

STA. 35+90.36
15.86' RT

STA. 35+67.62
34.00' RT
DE10116

STA. 35+92.84
16.44' RT

STA. 35+97.76
17.12 RT

CLASS B CONCRETE
WIDENING TINTED
BLACK

TEMP EASM'T 1
STA. 36+02.10
34.50' RT
DE12027

STA. 37+00.00
45.00' RT
DE12030

STA. 37+00.00
35.72' RT
DE12029

STA. 37+50.00
45.00' RT
DE12031

L.L.L. 264
(APPROXIMATE)

L.L.L. 263
(APPROXIMATE)

11
N/F
SUTTON ZACHERY A &
DUNLAP LAJUINESE T
1480 LIVINGSTON DR
PID: 19026300250
D.B. 15245, PG. 4186
SEE SHEETS 7 & 24B

END CURB AND GUTTER
8"X24", TP 2
STA. 35+18.92
33.29' RT
TIE TO EXISTING

12
N/F
MCCAULEY JOHN F
& REBECCA T
1479 LIVINGSTON DR
PID: 19026300080
D.B. 10930, PG. 224
SEE SHEET 24B

13
N/F
DORIS SANTORO
1503 LARSON WAY
PID: 19026400190
D.B. 7288, PG. 92
SEE SHEET 9 & 24B

14
SEE SHEET 9 & 24B

LIVINGSTON DRIVE

Curve° 6
PI Sta= 35+31.87
N= 1425474.3155
E= 2166025.5998
DELTA= 22°51'06.6" (LT)
D= 20°33'32.27"
T= 56.32
L= 111.15
R= 278.69
E= 5.63

Curve° 7
PI Sta= 36+32.99
N= 1425567.4406
E= 2165982.4772
DELTA= 21°44'57.2" (LT)
D= 23°46'27.06"
T= 46.30
L= 91.48
R= 241.00
E= 4.41

Curve° 8
PI Sta= 37+52.80
N= 1425650.5326
E= 2165894.6215
DELTA= 25°08'07.9" (LT)
D= 17°06'59.41"
T= 74.63
L= 146.85
R= 334.74
E= 8.22

Curve° 9
PI Sta= 39+36.52
N= 1425708.8741
E= 2165717.8851
DELTA= 3°47'30.6" (LT)
D= 1°54'35.49"
T= 99.31
L= 198.54
R= 3000.00
E= 1.64

ORANGE BARRIER FENCE

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 11, 12 & 13: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 263 & 264
LAND DISTRICT: 19
DATE 11-15-18 SH 8 OF 42
DRAWING No. 60-0008

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

$PRF8$

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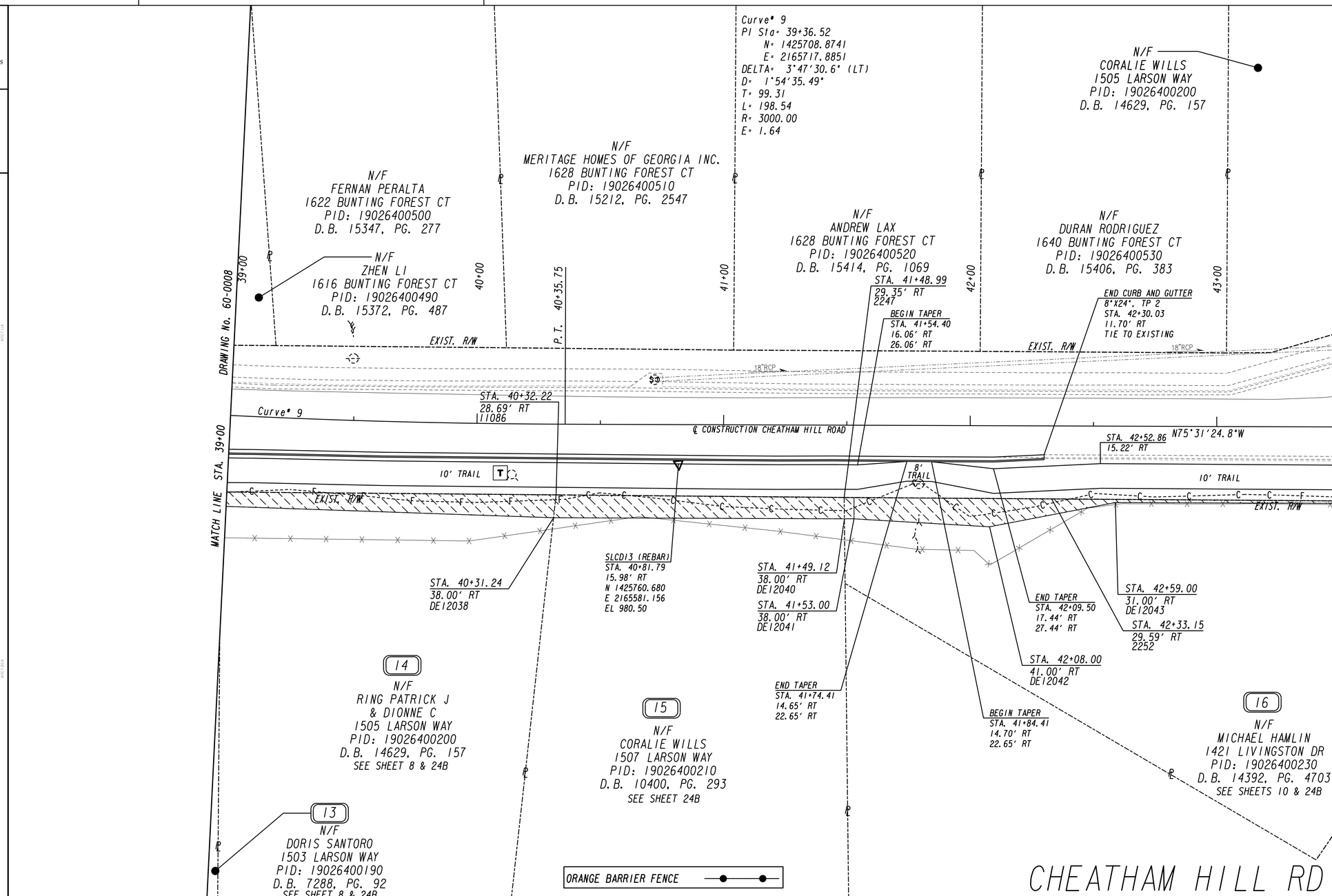
GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCEL 16: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 264
LAND DISTRICT: 19

DATE 11-15-18 SH 9 OF 42

DRAWING No.
60-0009

7/31/2015 GRWPLN

Heath & Linebback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

N/F
CORALIE WILLS
1505 LARSON WAY
PID: 19026400200
D.B. 14629, PG. 157

N/F
MERITAGE HOMES OF GEORGIA INC.
1348 TANAGER BRIDGE CT
PID: 19026400250
D.B. 15212, PG. 2547

N/F
SF AEW ACQUISITION
TANAGER BRIDGE CT
PID: 19026400560
D.B. 14621, PG. 1881

Curve* 10
PI Sta= 46+98.18
N= 1425899.2946
E= 2164980.3327
DELTA= 14°43'24.0" (RT)
D= 9°27'22.15"
T= 78.28
L= 155.70
R= 605.91
E= 5.04

TANAGER BRIDGE COURT

EXIST. R/W

SLCD12 (REBAR)
STA. 44+11.46
53.05' LT
N 1425776.257
E 2165244.689
EL 963.90

18"CMP

44+00

45+00

46+00

46+19.90
P.C.

47+00

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 46+59.15
13.18' RT
TIE TO EXISTING

DRAWING No. 60-0009

DRAWING No. 60-0011

STA. 46+61.82
29.78' RT
1627

STA. 44+04.49
30.21' RT
2251

℄ CONSTRUCTION CHEATHAM HILL ROAD N75°31'24.8"W

CLASS B CONCRETE
WIDENING TINTED
BLACK

TYPE D

R = 30'

R = 35'

10' TRAIL

MATCH LINE STA. 43+50

MATCH LINE STA. 47+50

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 43+88.83
12.10' RT
TIE TO EXISTING

STA. 44+04.48
31.00' RT
DE12044

LIVINGSTON DRIVE

END CURB AND GUTTER
8"X24", TP 2
STA. 44+17.23
38.22' RT
TIE TO EXISTING

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 44+39.74
42.90' RT
TIE TO EXISTING

END CURB AND GUTTER
8"X24", TP 2
STA. 44+74.24
12.01' RT
TIE TO EXISTING

STA. 44+54.73
30.38' RT
2258

STA. 44+54.65
34.00' RT
DE12045

STA. 46+00.00
34.00' RT
DE12046

STA. 46+50.00
35.00' RT
DE12047

STA. 46+60.86
36.25' RT
DE12048

TEMP EASM'T 1

STA. 47+50.00
40.00' RT
DE12049

WETLAND 3

16
N/F
MICHAEL HAMLIN
1421 LIVINGSTON DR
PID: 19026400230
D.B. 14392, PG. 4703
SEE SHEETS 9 & 24B

17
N/F
ERIC MITCHELL
1404 LIVINGSTON DR
PID: 19026400040
D.B. 14858, PG. 4733
SEE SHEET 24B

18
N/F
RIDENOUR REC & HOA INC
1195 WARD CREEK DR
PID: 19026400240
P.B. 134, PG. 83
SEE SHEETS 11, 12, 24B & 24C

CHEATHAM HILL RD

ORANGE BARRIER FENCE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCEL 16: SEE REVISION SUMMARY SHEET		
9-20-2019	PARCEL 17: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

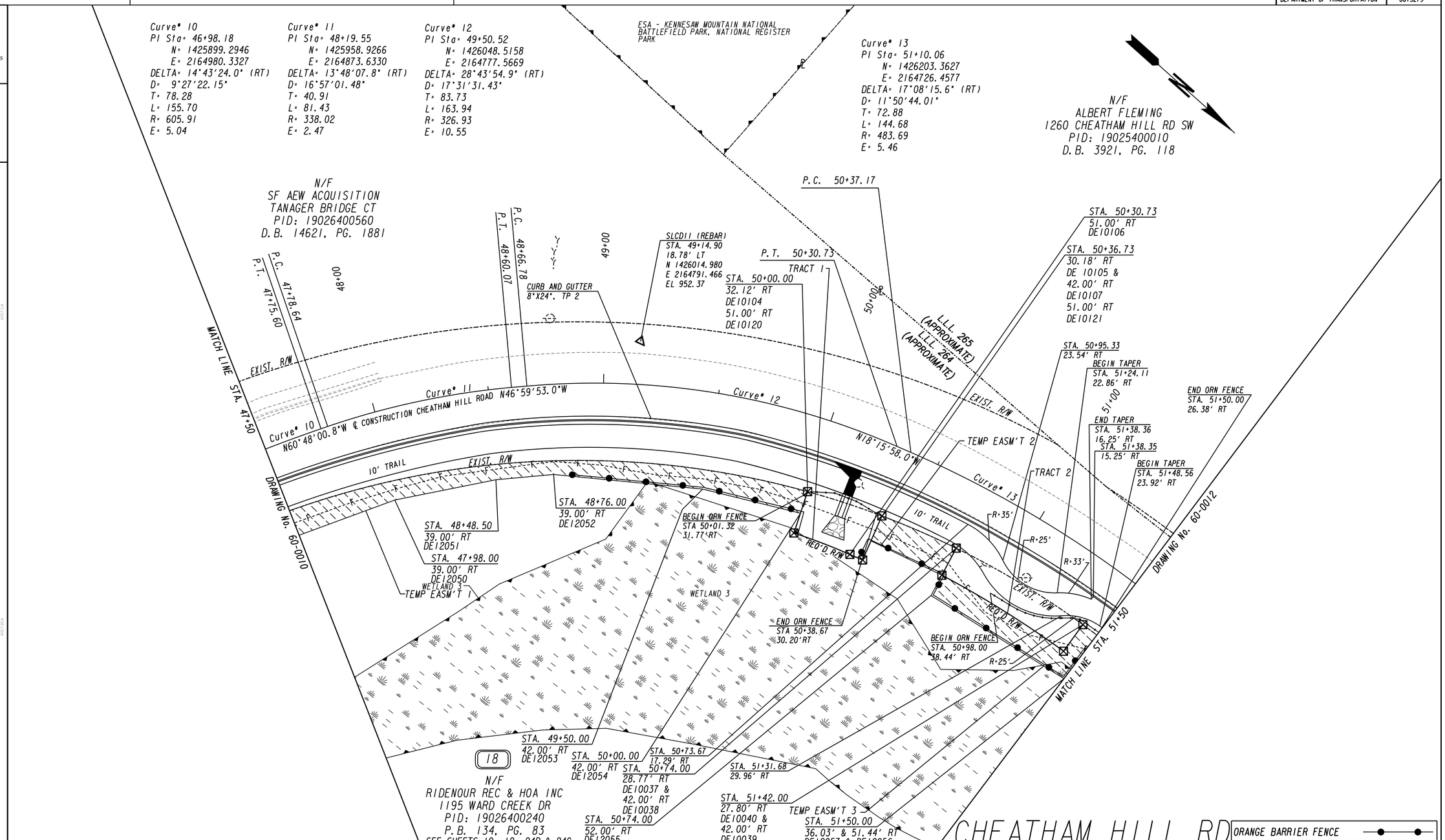
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 264
LAND DISTRICT: 19

DATE 11-15-18SH 10 OF 42

DRAWING No.
60-0010

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCEL 18: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 264
LAND DISTRICT: 19

DATE 11-15-18 SH 11 OF 42

DRAWING No.
60-0011

8/6/2020
USER:jkelly

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Linebback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY GEORGIA

Curve° 13
PI Sta: 51+10.06
N: 1426203.3627
E: 2164726.4577
DELTA: 17°08'15.6" (RT)
D: 11°50'44.01"
T: 72.88
L: 144.68
R: 483.69
E: 5.46

PI Sta: 53+26.41
N: 1426420.7589
E: 2164722.1755
DELTA: 1°21'02.1" (RT)

N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW
PID: 19025400010
D.B. 3921, PG. 118

L.L.L. 265 (APPROXIMATE)
L.L.L. 254 (APPROXIMATE)

20' SANITARY SEWER ESM'T

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

PERENNIAL STREAM 4 WARD CREEK

END 'T' BEAM GUARDRAIL
GA STD. 4382
STA 53+24.79 RT
TIE TO BRIDGE

BEGIN BRIDGE BARRICADE HANDRAIL
STA. 53+22.17 (SEE SHT 38-0006)

END 'W' BEAM GUARDRAIL
BEGIN 'T' BEAM GUARDRAIL
GA STD. 4384
STA 53+04.14 RT

BEGIN 'W' BEAM GUARDRAIL
GA STD. 4380
GA STD. 4384
TYPE 12A ANCHOR
STA 52+04.14 RT

END ORN FENCE
STA. 51+50.00
26.38' RT

P.T. 51+81.85

52+00

53+00

P.I. 53+26.41

54+00

55+00

56+00

SLCD10 (REBAR)
STA. 53+79.72
15.99' LT
N 1426474.132
E 2164706.389
EL 950.27

BEGIN 'T' BEAM GUARDRAIL
GA STD. 4382
STA 53+79.82 RT
TIE TO BRIDGE

END BRIDGE BARRICADE HANDRAIL
STA. 53+82.45 (SEE SHT 38-0006)

BEGIN TAPER
STA. 53+98.03
22.13' RT

END 'T' BEAM GUARDRAIL
BEGIN 'W' BEAM GUARDRAIL
GA STD. 4380
GA STD. 4385
STA 54+00.47 RT

BEGIN TAPER
STA. 54+58.15
22.20' RT

STA. 54+63.08
22.71' RT

END TAPER
STA. 54+70.38
25.64' RT

EXIST. R/W

L.L.L. 264 (APPROXIMATE)

BEGIN TAPER
STA. 52+85.61
23.66' RT

BRIDGE
N0°13'19.6"E

L.L.L. 254 (APPROXIMATE)

L.L.L. 255 (APPROXIMATE)

Curve° 13

N1°07'42.5"W

TEMP EASM'T 3

℄ CONSTRUCTION CHEATHAM HILL ROAD
STA. 55+07.26
19.20' RT

+80.00 14' WIDE CONC

MATCH LINE STA. 51+50

DRAWING No. 60-0011

MATCH LINE STA. 56+50

DRAWING No. 60-0013

18' 8' TRAIL

CONCRETE SIDEWALK

8' TRAIL

10' TRAIL

EXIST. R/W

REQ'D R/W

NO ACCESS BUFFER & LANDSCAPE ESM'T

END TAPER
STA. 51+67.70
22.98' RT

STA. 51+74.07
28.07' RT
2262

STA. 52+80.00
30.23' RT
DE10041

STA. 52+80.00
37.00' RT
DE12058

STA. 52+80.00
55.00' RT
DE10042

TRACT 3

18

N/F
RIDENOUR REC & HOA INC
1195 WARD CREEK DR
PID: 19026400240
P.B. 134, PG. 83
SEE SHEETS 10, 11, 24B & 24C

WETLAND 3

BEGIN SHARED USE TRAIL
BEGIN CURB AND GUTTER
8'X24', TP 2
STA. 53+97.71
11.74' RT
TIE TO EXISTING

END SHARED USE TRAIL
END CURB AND GUTTER
8'X24', TP 2
STA. 53+06.59
13.58' RT
TIE TO EXISTING

STA. 53+07.00
30.77' RT
DE10043 &
55.00' RT
DE10044

END TAPER
STA. 53+06.72
24.16' RT

STA. 53+92.00
30.93' RT
DE10045

TRACT 1

STA. 54+00.00
46.00' RT
DE10046

END TAPER
STA. 54+17.41
21.84' RT

PERENNIAL STREAM 4 WARD CREEK

STA. 54+50.00
30.74' RT
DE10048 &
53.00' RT
DE10047

END W-BEAM GUARDRAIL
TYPE I ANCHOR
GA STD. 4383
STA 54+52.91 RT

STA. 54+50.00
45.00' RT
DE12059

BEGIN ORN FENCE
STA. 55+00.00
29.28' RT

STA. 55+13.00
50.51' RT
DE13030
56.00' RT
DE12170

STA. 55+13.00
76.00' RT
DE13031

STA. 54+67.00
46.49' RT
DE13028

STA. 54+67.00
76.00' RT
DE13029

STA. 56+00.00
59.00' RT
DE12061

19

N/F
SENTINEL WEST HOA
1195 WARD CREEK DR
PID: 19025500160
P.B. 126, PG. 95
SEE SHEETS 13 & 24C

20' SANITARY SEWER ESM'T

ESA BOUNDARY - 25' STREAM BUFFER SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

ORANGE BARRIER FENCE

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 18 & 19: SEE REVISION SUMMARY SHEET		
6-24-2020	PARCEL 19: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 255 & 264
LAND DISTRICT: 19

DATE 11-15-18 SH 12 OF 42

DRAWING No.
60-0012

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

PI Sta= 60+97.14
N= 1427191.4877
E= 2164725.1633
DELTA= 0°30'22.2" (LT)

N/F
ALBERT FLEMING
1260 CHEATHAM HILL RD SW
PID: 19025400010
D.B. 3921, PG. 118

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19025400030
D.B. 2358, PG. 165

DRAWING No. 60-0012

MATCH LINE STA. 56+50

57+00 | 58+00 | 59+00 | 60+00 | 61+00 | 62+00

MATCH LINE STA. 62+00

DRAWING No. 60-0014

STA. 56+50.00
19.76' RT

EXIST. R/W

L.L.L. 254
(APPROXIMATE)

L.L.L. 255
(APPROXIMATE)

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°13'19.6"E

STA. 56+70.00
16.45' RT

10' TRAIL

EXIST. R/W

STA. 57+00.00
47.00' RT
DE12062

NO ACCESS BUFFER & LANDSCAPE ESM'T

END ORN FENCE
STA. 56+70.00
28.99' RT

STA. 57+05.00
26.75' RT
30.75' RT

STA. 57+05.00
26.75' RT
30.75' RT

BEGIN TAPER
STA. 58+49.51
13.61' RT

STA. 58+50.00
29.45' RT
DE10049

STA. 58+50.00
38.00' RT
DE10050

STA. 58+50.00
43.00' RT
DE12063 &
50.00' RT
DE12064

STA. 58+74.04
34.36' RT

STA. 58+83.44
26.43' RT

END TAPER
END CURB AND GUTTER
8"X24", TP 2
STA. 58+94.73
24.73' RT
TIE TO EXISTING

TRACT 2

8' TRAIL

EXIST. R/W

REQ'D R/W

STA. 59+70.00
43.00' RT
DE12066 &
50.00' RT
DE12065

STA. 60+10.00
38.00' RT
DE10051

STA. 60+20.46
43.00' RT
DE12067

NO ACCESS BUFFER &
LANDSCAPE ESM'T

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 60+36.20
25.78' RT

STA. 60+43.47
54.00' RT
DE10052

END CURB AND GUTTER
8"X24", TP 2
STA. 60+58.05
54.21' RT

STA. 60+43.45
28.83' RT
2264

R=28'

TYPE B

STA. 60+80.55
40.69' RT

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 60+78.58
51.65' RT

EXIST. R/W

P.I. 60+97.14

STA. 60+93.45
28.67' RT
2272

WARD CREEK DRIVE

EXIST. R/W

STA. 60+93.47
55.00' RT
DE10054

STA. 61+14.80
12.07' RT

TEMP EASM'T 1

STA. 61+36.00
28.78' RT
DE10108 &
35.00' RT
DE10109 &
38.78' RT
DE10122

TRACT 2

N0°17'02.6"W

TYPE B

R=35'

10' TRAIL

EXIST. R/W

REQ'D R/W

10' NO ACCESS BUFFER
& LANDSCAPE ESM'T

STA. 61+63.00
28.87' RT
DE10110 &
35.00' RT
DE10111 &
38.87' RT
DE10123

STA. 61+20.00
35.00' RT
DE12069

TEMP EASM'T 2

STA. 61+16.00
28.71' RT
DE10053

TRACT 1

30' COMP

20' DRAINAGE ESM'T

19
N/F
SENTINEL WEST HOA
1195 WARD CREEK DR
PID: 19025500160
P.B. 126, PG. 95
SEE SHEETS 12 & 24C

20
N/F
JOHN EDISON
1188 WARD CREEK DR
PID: 19025500020
D.B. 13490, PG. 328
SEE SHEETS 14 & 24C

ORANGE BARRIER FENCE

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 19 & 20: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 254 & 255
LAND DISTRICT: 19

DATE 11-15-18 SH 13 OF 42

DRAWING No. 60-0013

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY GEORGIA

P.I. Sta= 64+61.93
N= 1427556.2710
E= 2164723.3548
DELTA= 0°25'58.8" (RT)

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19025400030
D.B. 2358, PG. 165

N/F
ALBERT FLEMING
CHEATHAM HILL RD
PID: 19019100040
D.B. 2358, PG. 165

N/F
JOHN SCHULZ
1130 CHEATHAM HILL RD
PID: 19019100030
D.B. 14527, PG. 4252

L.L.L. 254 (APPROXIMATE)
L.L.L. 191 (APPROXIMATE)

MATCH LINE STA. 62+00

62+00 63+00 64+00 65+00 66+00 67+00

P.I. 64+61.93

BEGIN WALL 1
GA STD 9031L
STA 62+61.71
33.93' RT

BEGIN ORN FENCE
STA. 62+61.71
33.43' RT

SLCD9 (REBAR)
STA. 66+21.99
13.85' RT
N 1427716.294
E 2164737.616
EL 981.49

EXIST. R/W

NO°17'02.6"W

NO°08'56.1"E
℄ CONSTRUCTION CHEATHAM HILL ROAD

TRACT 3

STA. 63+03.54
29.34' RT
11495

10' TRAIL

L.L.L. 255 (APPROXIMATE)

L.L.L. 254 (APPROXIMATE)

L.L.L. 191 (APPROXIMATE)

L.L.L. 190 (APPROXIMATE)

DRAWING No. 60-0013

DRAWING No. 60-0015

MATCH LINE STA. 67+50

STA. 62+40.00
35.00' RT
DE12070

TEMP EASM'T 2

STA. 62+50.00
29.16' RT
DE10139 &
37.00' RT
DE10140
40.00' RT
DE12071

STA. 63+01.20
32.20' RT
DE10138

STA. 63+14.00
31.00' RT
DE10141

STA. 62+98.38
35.66' RT
DE12072

STA. 63+50.00
29.62' RT
DE10142 &
31.00' RT
DE10143

STA. 63+28.00
33.00' RT
DE12073

STA. 63+93.18
29.87' RT
11502

STA. 63+93.61
32.00' RT
DE12074

10' NO ACCESS BUFFER & LANDSCAPE ESM'T

20' DRAINAGE ESM'T

END ORN FENCE
STA. 64+75.21
26.28' RT

END WALL 1
GA STD 9031L
STA 64+75.21
26.78' RT

BEGIN TURN UP *2
STA 65+09.00
25.66' RT

STA. 65+28.36
30.23' RT
11512

STA. 65+28.27
33.00' RT
DE12077

STA. 66+48.30
30.04' RT
11517

STA. 66+47.80
33.00' RT
DE12078

20
N/F
JOHN EDISON
1188 WARD CREEK DR
PID: 19025500020
D.B. 13490, PG. 328
SEE SHEETS 13 & 24C

21
N/F
VICKIE THOMAS
1202 LARSON LN
PID: 19025500040
D.B. 15427, PG. 1281
SEE SHEET 24C

N/F
CHARLES REY
1200 LARSON LN
PID: 19025500050
D.B. 10767, PG. 63

PARCEL 22 WAS REMOVED

23
N/F
JOSE COLON
1198 LARSON LN
PID: 19019000040
D.B. 14223, PG. 4525
SEE SHEET 24C

24
N/F
ALVIN MITCHELL
1196 LARSON LN
PID: 19019000050
D.B. 12456, PG. 521
SEE SHEETS 15 & 24C

25
N/F
WAYNE WAGLEY
1194 LARSON LN
PID: 19019000060
D.B. 14624, PG. 2660
SEE SHEETS 15 & 24C

ORANGE BARRIER FENCE

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCEL 21: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 254, 255, 191, 190
LAND DISTRICT: 19

DATE 11-15-18 SH 14 OF 42

DRAWING No.
60-0014

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

ORANGE BARRIER FENCE

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

N/F
JOHN SCHULZ
1130 CHEATHAM HILL RD
PID: 19019100030
D.B. 14527, PG. 4252

PI Sta= 72+12.33
N= 1428306.6662
E= 2164725.3053
DELTA= 0°12'52.7" (LT)

N/F
CLINTON CARLILE
1120 CHEATHAM HILL RD
PID: 19019100060
D.B. 14811, PG. 5550

68+00 | 69+00 | 70+00 | 71+00 | 72+00 | 73+00

P.I. 72+12.33

MATCH LINE STA. 67+50 DRAWING No. 60-0014

MATCH LINE STA. 73+00 DRAWING No. 60-0016

EXIST. R/W

STA. 67+85.07
29.80' RT
11542

N0°08'56.1"E

RELOCATE
FIRE HYDRANT

℄ CONSTRUCTION CHEATHAM HILL ROAD

N0°03'56.6"W

L.L.L. 191
(APPROXIMATE)

L.L.L. 190
(APPROXIMATE)

24" RCP

18"

10' TRAIL

EXIST. R/W

REQ'D R/W

20' DRAINAGE ESM'T

10' NO ACCESS BUFFER
& LANDSCAPE ESM'T

24"RCP

STA. 67+56.97
29.65' RT
11540

STA. 67+56.29
33.00' RT
DE12079

END TURN UP #2
STA 68+00.00
25.19' RT

STA. 67+86.05
33.00' RT
DE12080

STA. 68+92.00
29.96' RT
DE10055

STA. 68+92.00
33.00' RT
DE12081

STA. 68+92.00
39.96' RT
DE10056

BEGIN WALL 2
GDOT STD PRW-1
HANDRAIL OPTION 2
STA 69+02.16
30.02' RT

STA. 69+08.97
29.99' RT
11545

STA. 69+10.80
39.99' RT
DE10057

STA. 69+43.98
26.37' RT

STA. 69+50.00
29.95' RT
DE10132 &
36.00' RT
DE12180
39.95' RT
DE10124

STA. 70+18.77
29.90' RT
11723

STA. 70+19.82
36.00' RT
DE12179

DO NOT DISTURB
WOOD FENCE

STA. 71+38.41
29.39' RT
2282

STA. 71+38.64
36.00' RT
DE12087

DRAINAGE ESM'T

DRAINAGE ESM'T

STA. 72+49.09
29.97' RT
11585

STA. 72+49.06
36.00' RT
DE10066

DO NOT DISTURB
FENCE

24
SEE SHEETS
14 & 24C

25
N/F
WAYNE WAGLEY
1194 LARSON LN
PID: 19019000060
D.B. 14624, PG. 2660
SEE SHEETS 14 & 24C

26
N/F
GREGORY HIPP
1192 LARSON LN
PID: 19019000070
D.B. 14963, PG. 1173
SEE SHEET 24C

RELOCATE
GUY ANCHOR

27
N/F
DOUGLAS FLYNN
1190 LARSON LN
PID: 19019000080
D.B. 12483, PG. 318
SEE SHEET 24C & 24D

28
N/F
RITCHIE LUDY
1188 LARSON LN
PID: 19019000090
D.B. 12604, PG. 252
SEE SHEET 24D

29
N/F
RYAN HERSEY
1186 LARSON LN
PID: 19019000100
D.B. 14178, PG. 641
SEE SHEET 24D

N/F
DONNA STRAUSS
1184 LARSON LN
PID: 19019000110
D.B. 9788, PG. 267

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 27, 28, 29, & 30: SEE REVISION SUMMARY SHEET		
5-15-2020	PARCEL 30: SEE REVISION SUMMARY SHEET		
8-20-2020	PARCEL 30: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 190 & 191
LAND DISTRICT: 19

DATE 11-15-18 SH 15 OF 42

DRAWING No. 60-0015

7/31/2015 GRWPLN

8/20/2020
USER:jkelly

$PRF8$

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Linebback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY BOARD OF COMMISSIONERS

N/F
CLINTON CARLILE
1120 CHEATHAM HILL RD
PID: 19019100060
D.B. 14811, PG. 5550

N/F
1090 CHEATHAM HILL ROAD TRUST
1090 CHEATHAM HILL RD
PID: 19019100010
D.B. 15276, PG. 5790

N

DRAWING No. 60-0015

MATCH LINE STA. 73+00

73+00
74+00
75+00
76+00
77+00
78+00

DRAWING No. 60-0017

MATCH LINE STA. 78+50

END WALL 2
GDOT STD PRW-1
HANDRAIL OPTION 2
STA 76+00.00
26.97' RT

SLCD8 (REBAR)
STA. 75+89.78
15.66' LT
N 1428684.100
E 2164709.215
EL 993.06

REMOVE
EXIST. PIPE

EXIST. R/W

L.L.L. 191
(APPROXIMATE)

L.L.L. 190
(APPROXIMATE)

℄ CONSTRUCTION CHEATHAM HILL ROAD N0°03'56.6"W

STA. 77+40.00
33.50' RT
DE12177

BEGIN 10' HEADER CURB
STA 77+25.00
25.41' RT

END 10' HEADER CURB
STA 77+96.00
25.64' RT

STA. 78+00.00
40.00' RT
DE10075

+60.00
10' WIDE

36"RCP

18"CMP

R=15'

10' TRAIL

EXIST. R/W

STA. 77+96.00
33.00' RT
DE12178

STA. 78+28.45
12.40' RT

TRACT 2

STA. 78+32.84
12.64' RT

REQ'D R/W

10' NO ACCESS BUFFER
& LANDSCAPE ESM'T

20' DRAINAGE ESM'T

STA. 74+78.92
29.73' RT
2286

STA. 74+73.69
36.00' RT
DE12088

STA. 74+77.87
36.00' RT
DE12181

STA. 75+84.45
29.92' RT
2291

STA. 75+86.47
36.00' RT
DE12182

STA. 75+87.78
39.94' RT
DE10071

TRACT 1
REQ'D R/W

STA. 76+22.96
30.16' RT
DE10073 &
32.00' RT
DE12199

STA. 76+48.00
32.00' RT
DE12196 &
36.00' RT
DE12197

STA. 76+71.00
32.00' RT
DE12176 &
36.00' RT
DE12198

STA. 78+00.00
31.27' RT
DE10074

STA. 76+00.00
40.02' RT
DE10072

STA. 78+23.19
40.00' RT
DE10076

DO NOT DISTURB
FENCE

DO NOT DISTURB
WOOD FENCE

END CURB AND GUTTER
8'X24', TP 2
STA. 78+49.49
32.13' RT

STA. 78+30.10
31.46' RT
11758

30'x30'
BELL SOUTH
ESM'T

10' NO ACCESS BUFFER
& LANDSCAPE ESM'T

N/F
DONNA STRAUSS
1184 LARSON LN
PID: 19019000110
D.B. 9788, PG. 267

31
N/F
JAY HOLLAND
1182 LARSON LN
PID: 19019000120
D.B. 15454, PG. 5491
SEE SHEET 24D

32
N/F
CRYSTAL JOHNSON
1154 WARD CREEK DR
PID: 19019000330
D.B. 15141, PG. 3375
SEE SHEET 24D

33
N/F
HOMER CALDWELL
1152 WARD CREEK DR
PID: 19019000340
D.B. 5099, PG. 162
SEE SHEET 24D

34
N/F
SUSANNE GANN
1150 WARD CREEK DR
PID: 19019000350
D.B. 15005, PG. 6296
SEE SHEETS 17 & 24D

ORANGE BARRIER FENCE

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 30, 31, 32, & 33: SEE REVISION SUMMARY SHEET		
5-15-2020	PARCEL 30: SEE REVISION SUMMARY SHEET		
8-20-2020	PARCEL 30: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 190 & 191
LAND DISTRICT: 19

DATE 11-15-18 SH 16 OF 42

DRAWING No.
60-0016

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

ORANGE BARRIER FENCE

N/F
1090 CHEATHAM HILL ROAD TRUST
1090 CHEATHAM HILL RD
PID: 19019100010
D.B. 15276, PG. 5790

Curve# 14
PI Sta= 80+91.82
N= 1429186.1616
E= 2164724.2966
DELTA= 18°21'30.8" (LT)
D= 7°38'21.97"
T= 121.20
L= 240.31
R= 750.00
E= 9.73

Curve# 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

N/F
BENJAMIN STICK
960 CHEATHAM HILL RD
PID: 19018000210
D.B. 14742, PG. 1647

N/F
MARK MCLAIN
1040 CHEATHAM HILL RD
PID: 19018000040
D.B. 13669, PG. 5823

35' INGRESS/EGRESS AND UTILITY EASEMENT

L.L.L. 191 (APPROXIMATE)
L.L.L. 180 (APPROXIMATE)
L.L.L. 181 (APPROXIMATE)

DRAWING No. 60-0016
MATCH LINE STA. 78+50
MATCH LINE STA. 83+00 DRAWING No. 60-0018

STA. 78+68.42
25.44' RT
2297
STA. 78+68.41
31.51' RT
11772

NPS MONUMENT
N 1428962.7859
E 2164756.0575
EL:1010.79

SLCD7 (REBAR)
STA. 80+53.69
17.38' RT
N 1429149.801
E 2164737.019
EL 1021.87

P.C. 79+70.63
P.T. 82+10.94
P.C. 82+27.93

79+00
80+00
81+00
82+00
83+00

+55.00 14' WIDE ASPH
+51.00 22' WIDE ASPH

R=15'
12' RCR
ASPHALT DRIVE

@ CONSTRUCTION CHEATHAM HILL ROAD N0°03'56.6"W
Curve# 14
N18°25'27.4"W

10' TRAIL
REQ'D R/W

STA. 78+77.49
12.59' RT

STA. 78+62.53
28.00' RT
BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 78+62.58
29.90' RT

STA. 78+68.18
40.00' RT
DE10077

30'x30' BELL SOUTH ESM'T

SPECIAL USE PERMIT AREA

STA. 79+50.00
40.00' RT
DE11012

STA. 79+43.47
25.57' RT
2298

STA. 80+00.00
38.00' RT
DE11013

STA. 80+50.00
38.00' RT
DE11014

STA. 81+00.00
41.00' RT
DE11015

STA. 81+75.61
25.26' RT
30598

STA. 81+92.39
31.00' RT
DE10078

STA. 82+00.00
45.00' RT
DE11016

STA. 82+10.94
31.00' RT
DE10079

STA. 82+20.64
41.49' RT
DE11017

STA. 82+27.93
31.00' RT
DE10080

STA. 82+50.00
38.00' RT
DE12092

STA. 82+50.00
53.22' RT
DE13076

DIRT DRIVE
DRIVEWAY EASMT 1

STA. 83+00.00
76.92' RT
DE13077

34
N/F
SUSANNE GANN
1150 WARD CREEK DR
PID: 19019000350
D.B. 15005, PG. 6296
SEE SHEETS 16 & 24D

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

35
N/F
U.S. GOVERNMENT
PID: 19018100020
SEE SHEET 24D

36
N/F
SCOTT CAMPBELL
955 CHEATHAM HILL RD
PID: 19018000060
D.B. 13822, PG. 2534
SEE SHEETS 18 & 24D

L.L.L. 190 (APPROXIMATE)
L.L.L. 181 (APPROXIMATE)

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 180, 181, 190&191
LAND DISTRICT: 19

DATE 11-15-18 SH 17 OF 42

DRAWING No. 60-0017

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

ORANGE BARRIER FENCE

Curve* 15
PI Sta= 83+56.09
N= 1429438.8514
E= 2164640.1190
DELTA= 18°12'07.6" (LT)
D= 7°09'43.10"
T= 128.15
L= 254.15
R= 800.00
E= 10.20

PI Sta= 85+71.90
N= 1429613.7869
E= 2164510.0754
DELTA= 2°11'22.1" (LT)

N/F
SAMUEL BRASINGTON
1655 CAVAN DR
PID: 19018000200
D.B. 15123, PG. 327

N/F
WAYNE RIDLEN
1658 CAVAN DR
PID: 19018000110
D.B. 14291, PG. 4205

N/F
BENJAMIN STICK
960 CHEATHAM HILL RD
PID: 19018000210
D.B. 14742, PG. 1647

DRAWING No. 60-0017

MATCH LINE STA. 83+00

MATCH LINE STA. 88+00

DRAWING No. 60-0019

EXIST. R/W

CAVAN DRIVE

P.T. 84+82.08

P.I. 85+71.90

+97.00 19' WIDE

+03.00 14' WIDE CONC

Curve* 15

N36°37'35.0"W

℄ CONSTRUCTION CHEATHAM HILL ROAD

N38°48'57.1"W

10' TRAIL

REQ'D R/W

24'

12"CPP

ASPHALT DRIVE

CONCRETE DRIVE

STA. 83+00.00
38.00' RT
DE12093

STA. 83+50.00
38.00' RT
DE12094

STA. 83+62.84
17.70' RT

STA. 83+72.66
15.97' RT

STA. 83+92.21
15.90' RT

STA. 84+00.00
42.00' RT
DE12095

STA. 84+01.99
17.33' RT

STA. 84+50.00
38.00' RT
DE12096

SLCD6 (REBAR)
STA. 84+05.11
17.48' RT
N 1429486.850
E 2164621.512
EL 1044.00

STA. 84+82.08
31.00' RT
DE10081

STA. 85+32.52
26.58' RT
2308

STA. 85+50.00
38.00' RT
DE12097

STA. 85+49.00
60.00' RT
DE13036

STA. 85+71.90
29.40' RT
DE10032

STA. 85+90.00
84.00' RT
DE13039

STA. 86+50.00
31.00' RT
DE10083
50.00' RT
DE10084
55.00' RT
DE10129

STA. 86+55.77
55.00' RT
DE10130

STA. 86+62.64
48.86' RT
2310

STA. 86+87.00
38.00' RT
DE10145 &
51.00' RT
DE13071 &
55.00' RT
DE10131

BEGIN ORN FENCE
STA. 86+12.00
29.06' RT

STA. 86+10.00
44.88' RT
DE13038

DRIVEWAY EASMT 2

END ORN FENCE
STA. 86+92.00
29.95' RT

STA. 87+20.00
38.00' RT
DE12192

STA. 87+20.00
48.00' RT
DE12098

DRIVEWAY EASM'T 1
STA. 87+22.00
70.00' RT
DE13040

STA. 87+50.00
48.00' RT
DE13072
70.00' RT
DE13041

STA. 86+68.84
25.94' RT
2309

STA. 86+67.49
30.94' RT
127

BEGIN WALL 3B
STA. 87+30.90
GA STD 9031L
34.91' RT

BEGIN ORN FENCE
STA. 87+30.90
34.41' RT

36
N/F
SCOTT CAMPBELL
955 CHEATHAM HILL RD
PID: 19018000060
D.B. 13822, PG. 2534
SEE SHEETS 17 & 24D

37
N/F
PAMELA JONES
933 CHEATHAM HILL RD
PID: 19018000230
D.B. 4079, PG. 184
SEE SHEETS 19 & 24E

35
N/F
U.S. GOVERNMENT
PID: 19018100020

I.L.L. 180
(APPROX MATE)
I.L.L. 181
(APPROX MATE)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 36 & 37: SEE REVISION SUMMARY SHEET		
3-30-2020	PARCEL 37: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 180
LAND DISTRICT: 19
DATE 11-15-18 SH 18 OF 42

DRAWING No.
60-0018

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

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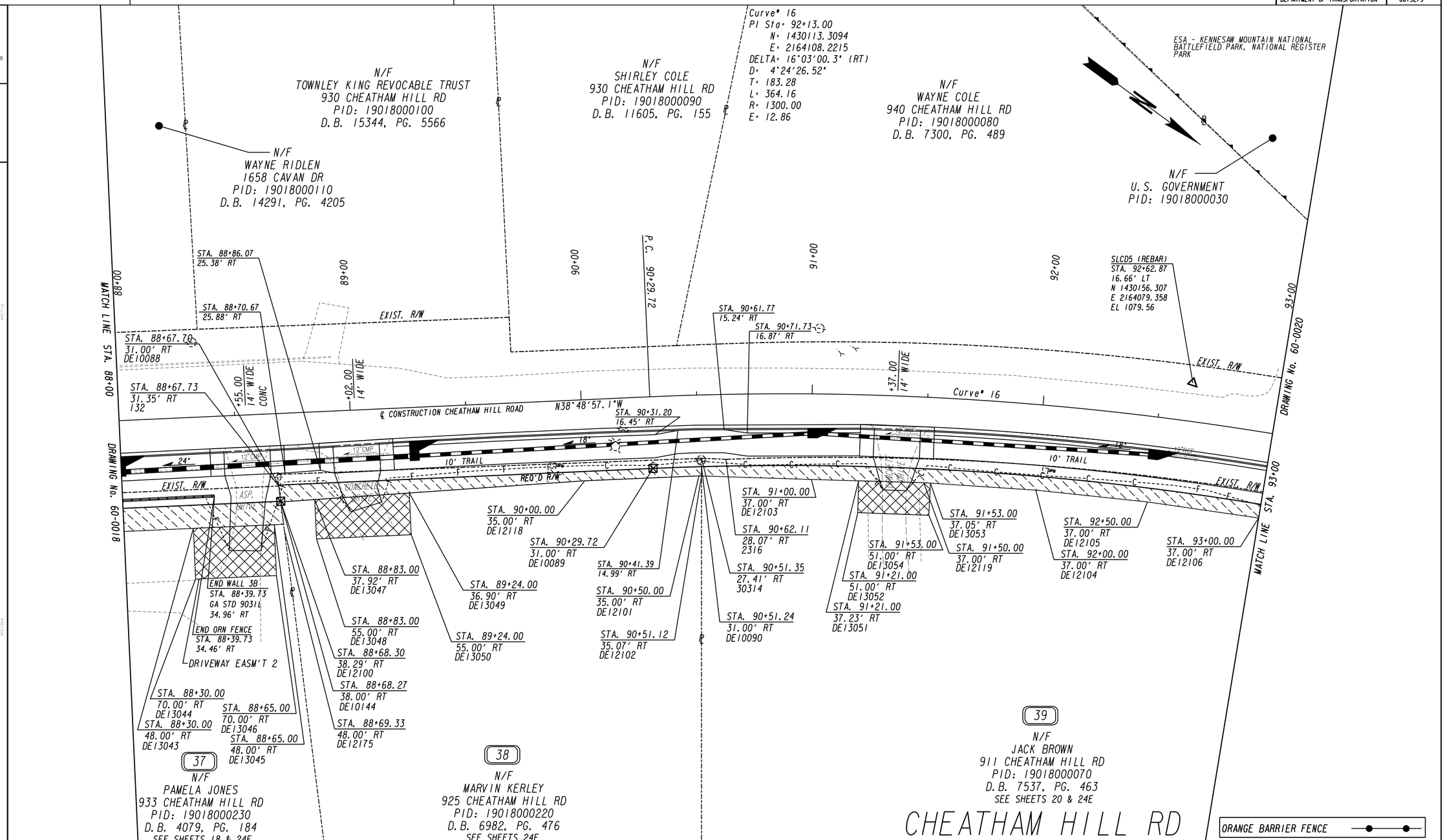
GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCEL 37: SEE REVISION SUMMARY SHEET		
3-30-2020	PARCEL 37: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 180
LAND DISTRICT: 19

DATE 11-15-18 SH 19 OF 42

DRAWING No.
60-0019

7/31/2015 GRWPLN

Heath & Lineback Engineers INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY GEORGIA

Curve° 16
PI Sta° 92+13.00
N° 1430113.3094
E° 2164108.2215
DELTA° 16°03'00.3" (RT)
D° 4°24'26.52"
T° 183.28
L° 364.16
R° 1300.00
E° 12.86

Curve° 17
PI Sta° 98+69.64
N° 1430722.4602
E° 2163856.7257
DELTA° 4°03'59.3" (RT)
D° 1°38'13.28"
T° 124.26
L° 248.41
R° 3500.00
E° 2.20

ORANGE BARRIER FENCE

PI Sta° 95+59.41
N° 1430434.9467
E° 2163973.2436
DELTA° 0°42'17.9" (RT)

N/F
U.S. GOVERNMENT
PID: 19018000030

L.L.L. 180 (APPROX.MATE)
L.L.L. 117 (APPROX.MATE)

Curve° 35
PI Sta° 485+97.43
N° 1430544.17
E° 2163945.48
DELTA° 12°23'40.8" (RT)
D° 95°29'34.68"
T° 6.52
L° 12.98
R° 60.00
E° 0.35

Curve° 36
PI Sta° 486+38.97
N° 1430585.13
E° 2163938.24
DELTA° 9°33'57.1" (RT)
D° 143°14'22.02"
T° 3.35
L° 6.68
R° 40.00
E° 0.14

Curve° 37
PI Sta° 486+65.53
N° 1430611.70
E° 2163938.02
DELTA° 20°38'33.8" (LT)
D° 76°23'39.74"
T° 13.66
L° 27.02
R° 75.00
E° 1.23

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EXISTING:
AGL R/W UNK WIDTH
THROUGH NATIONAL PARK

N/F
U.S. GOVERNMENT
PID: 19011700010

BEGIN TRAIL ALIGNMENT
STA 485+90.91 =
STA 96+64.56 CHEATHAM HILL RD
15.33' RT
N 1430538.1521
E 2163947.9628

BEGIN 4' SPLIT RAIL
STA 97+45.39
18.92' LT

STA. 97+45.39
62.00' RT
DE11027

MATCH LINE STA. 93+00

DRAWING No. 60-0019

MATCH LINE STA. 98+50

DRAWING No. 60-0021

P.T. 93+93.89

STA. 94+52.06
24.90' RT
2413

P.I. 95+59.41

P.C. 97+45.39

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

EXIST. R/W

ASPHALT DRIVE

NO PARK

Curve° 16

Curve° 17

℄ CONSTRUCTION CHEATHAM HILL ROAD

N22°45'56.8"W

N22°03'38.8"W

N22°25'21.4"W

N 10°01'40.5" W

N 21°06'17.2" W

10' TRAIL

CROSSWALK

REQ'D R/W

BEGIN ORN FENCE
STA. 96+50.00
27.95' RT

END ORN FENCE
STA. 96+98.44
33.91' RT

Curve° 35

℄ KENNESAW MOUNTAIN TRAIL

SPLIT RAIL FENCE

STA. 96+85.00
50.65' RT
DE11023

STA. 96+85.00
55.00' RT
DE11024

TIE TO EXISTING GRAVEL TRAIL
STA 96+92.24
48.43' RT

STA. 93+93.89
31.00' RT
DE10091

STA. 93+93.89
52.00' RT
DE12107

STA. 93+78.89
25.51' RT
2317

STA. 94+49.36
31.00' RT
DE10092

STA. 94+40.07
52.00' RT
DE11018

STA. 94+75.00
52.00' RT
DE11019

STA. 94+75.00
55.00' RT
DE11020

STA. 95+37.63
24.08' RT
2414

STA. 95+25.00
52.00' RT
DE11022

STA. 95+25.00
55.00' RT
DE11021

SPECIAL USE PERMIT AREA

ESA - RESOURCE 9

END CURB AND GUTTER
8"X24", TP 2
STA. 97+45.39
11.80' RT

Curve° 37

Curve° 36
N 0°27'43.4" W

39
N/F
JACK BROWN
911 CHEATHAM HILL RD
PID: 19018000070
D.B. 7537, PG. 463
SEE SHEETS 19 & 24E

40
N/F
U.S. GOVERNMENT
PID: 19011700010
SEE SHEETS 21, 22 & 24E

TIMBER STEPS
SEE SHEET 38-0008
STA 97+06.39
33.05' RT

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

STA. 97+02.00
50.47' RT
DE11026

STA. 97+02.00
55.00' RT
DE11025

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
6-19-2020	PARCEL 40: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 117 & 180
LAND DISTRICT: 19

DATE 11-15-18 SH 20 OF 42

DRAWING No. 60-0020

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

Curve° 17
PI Sta: 98+69.64
N: 1430722.4602
E: 2163856.7257
DELTA: 4°03'59.3" (RT)
D: 1°38'13.28"
T: 124.26
L: 248.41
R: 3500.00
E: 2.20

Curve° 38
PI Sta: 487+93.47
N: 1430731.34
E: 2163891.85
DELTA: 3°19'21.9" (RT)
D: 28°38'52.40"
T: 5.80
L: 11.60
R: 200.00
E: 0.08

Curve° 39
PI Sta: 491+99.22
N: 1431117.71
E: 2163767.93
DELTA: 2°48'09.9" (LT)
D: 28°38'52.40"
T: 4.89
L: 9.78
R: 200.00
E: 0.06

Curve° 40
PI Sta: 493+02.57
N: 1431214.46
E: 2163731.59
DELTA: 3°15'08.4" (RT)
D: 28°38'52.40"
T: 5.68
L: 11.35
R: 200.00
E: 0.08

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ORANGE BARRIER FENCE

EXISTING:
AGL R/W UNK WIDTH
THROUGH NATIONAL PARK

N/F
U.S. GOVERNMENT
PID: 19011700010

SLCD4 (REBAR)
STA. 100+72.33
26.43' LT
N 1430907.168
E 2163768.939
EL 1091.68

"PARKING LOT"

99+00 | 100+00 | 101+00 | 102+00 | 103+00 | 104+00

MATCH LINE STA. 98+50

END 4' SPLIT RAIL
STA 98+93.23
19.13' LT

SPLIT RAIL FENCE

EXIST. R/W
ASPHALT DRIVE

P.T. 99+93.79

P.T. 101+98.18

Curve° 17

℄ CONSTRUCTION CHEATHAM HILL ROAD

N17°59'39.5"W

N17°19'11.5"W

STA. 102+88.50
11.80' RT

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

EXIST. R/W

STA. 102+78.50
11.80' RT

STA. 102+79.28
36.43' RT

488+00 | 489+00 | 490+00 | 491+00 | 492+00 | 493+00

EXIST. R/W

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND

℄ KENNESAW MOUNTAIN TRAIL

N 17°46'55.3" W

STA. 102+89.27
35.86' RT

EXIST. R/W

15' | 10' | 15'

10' TRAIL

10' TRAIL

N 20°35'05.2" W

DRAWING No. 60-0020

DRAWING No. 60-0022

MATCH LINE STA. 104+00

STA. 98+75.00
62.00' RT
DE11028

Curve° 38

N 21°06'17.2" W

STA. 100+00.00
62.00' RT
DE11029

STA. 100+97.15
24.48' RT
2415

STA. 101+98.45
58.00' RT
DE11030

Curve° 39

STA. 102+68.00
56.00' RT
DE11138

STA. 102+68.00
70.00' RT
DE11139

STA. 103+05.00
54.00' RT
DE11141

Curve° 40

STA. 103+05.00
70.00' RT
DE11140

SPECIAL USE PERMIT AREA

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

40

N/F
U.S. GOVERNMENT
PID: 19011700010
SEE SHEETS 20, 22 & 24E

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
6-19-2020	PARCEL 40: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 117
LAND DISTRICT: 19

DATE 11-15-18 SH 21 OF 42

DRAWING No. 60-0021

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

PI Sta= 495+83.83
N= 1431483.4289
E= 2163653.3428
DELTA= 15°59'30.3" (LT)
D=114°35'29.61"
T= 7.02
L= 13.96
R= 50.00
E= 0.49

Curve= 18
PI Sta= 108+91.87
N= 1431698.4549
E= 2163552.5730
DELTA= 6°00'12.2" (LT)
D= 2°05'00.54"
T= 144.20
L= 288.14
R= 2750.00
E= 3.78

PI Sta= 104+75.03
N= 1431299.3259
E= 2163672.7806
DELTA= 0°53'26.5" (RT)

PI Sta= 493+99.01
N= 1431306.52
E= 2163702.86
DELTA= 1°04'03.9" (LT)

Curve= 41
PI Sta= 494+42.68
N= 1431347.96
E= 2163689.08
DELTA= 3°48'16.4" (RT)
D= 28°38'52.40"
T= 6.64
L= 13.28
R= 200.00
E= 0.11

L.L.L. 118 (APPROXIMATE)
L.L.L. 117 (APPROXIMATE)

Curve= 42
PI Sta= 495+81.16
N= 1431481.98
E= 2163654.18
DELTA= 15°20'34.3" (LT)
D=114°35'29.61"
T= 6.73
L= 13.39
R= 50.00
E= 0.45

N/F
U.S. GOVERNMENT
PID: 19011700010

SLCD3 (REBAR)
STA. 106+29.35
23.36' RT
N 1431453.951
E 2163651.545
EL 1096.61

EXISTING:
AGL R/W UNK WIDTH
THROUGH NATIONAL PARK

Curve= 43
PI Sta= 496+64.49
N= 1431554.26
E= 2163612.55
DELTA= 13°08'10.4" (RT)
D=114°35'29.61"
T= 5.76
L= 11.46
R= 50.00
E= 0.33

PI Sta= 106+32.50
N= 1431450.3622
E= 2163628.2446
DELTA= 0°31'59.7" (LT)

END TRAIL ALIGNMENT
STA 496+70.42 *
STA 107+41.45 CHEATHAM HILL RD
15.38' RT
N 1431559.0652
E 2163611.1607

ORANGE BARRIER FENCE

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
GARVIN ROUNTREE
752 CHEATHAM HILL RD
PID: 19010500440
D.B. 15428, PG. 1411

L.L.L. 118 (APPROXIMATE)
L.L.L. 105 (APPROXIMATE)

MATCH LINE STA. 109+50

DRAWING No. 60-0021

DRAWING No. 60-0023

104+00
105+00
106+00
107+00
108+00
109+00

P.I. 104+75.03
P.I. 106+32.50
P.C. 107+47.67

BEGIN CURB AND GUTTER
8'X24', TP 2
STA. 107+29.52
11.96' RT

EXIST. R/W
ASPHALT DRIVE
COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
EXIST. R/W
RWW

N17°19'11.5"W
℄ CONSTRUCTION CHEATHAM HILL ROAD N16°25'45.0"W
N16°57'44.7"W
Curve= 18

104+00
494+00
495+00
496+00

COUNTY MAINTENANCE EASEMENT THROUGH NATIONAL PARK LAND
EXIST. R/W
10' TRAIL
N 17°19'56.7" W
N 18°24'00.6" W
℄ KENNESAW MOUNTAIN TRAIL
N 14°35'44.2" W
N 29°56'18.5" W
N 16°48'08.1" W
EXIST. R/W
10' TRAIL
EXIST. R/W

STA. 104+75.76
47.00' RT
DE11031

P.I. 493+99.01

Curve= 41

Curve= 42

SPECIAL USE PERMIT AREA

STA. 106+70.00
53.00' RT
DE11032

STA. 107+96.95
20.71' RT
2416

STA. 107+48.00
55.00' RT
DE11033

STA. 108+00.00
55.00' RT
DE11034

STA. 108+00.00
47.00' RT
DE11035

STA. 108+91.80
21.84' RT
2318

STA. 108+84.09
42.05' RT
DE11039

STA. 109+20.00
41.00' RT
DE11036

STA. 109+50.00
40.00' RT
DE11037

40
N/F
U.S. GOVERNMENT
PID: 19011700010
SEE SHEETS 20, 21 & 24E

41
N/F
U.S. GOVERNMENT
PID: 19010600010
SEE SHEETS 23 & 24E

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

L.L.L. 117 (APPROXIMATE)
L.L.L. 106 (APPROXIMATE)

CHEATHAM HILL RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

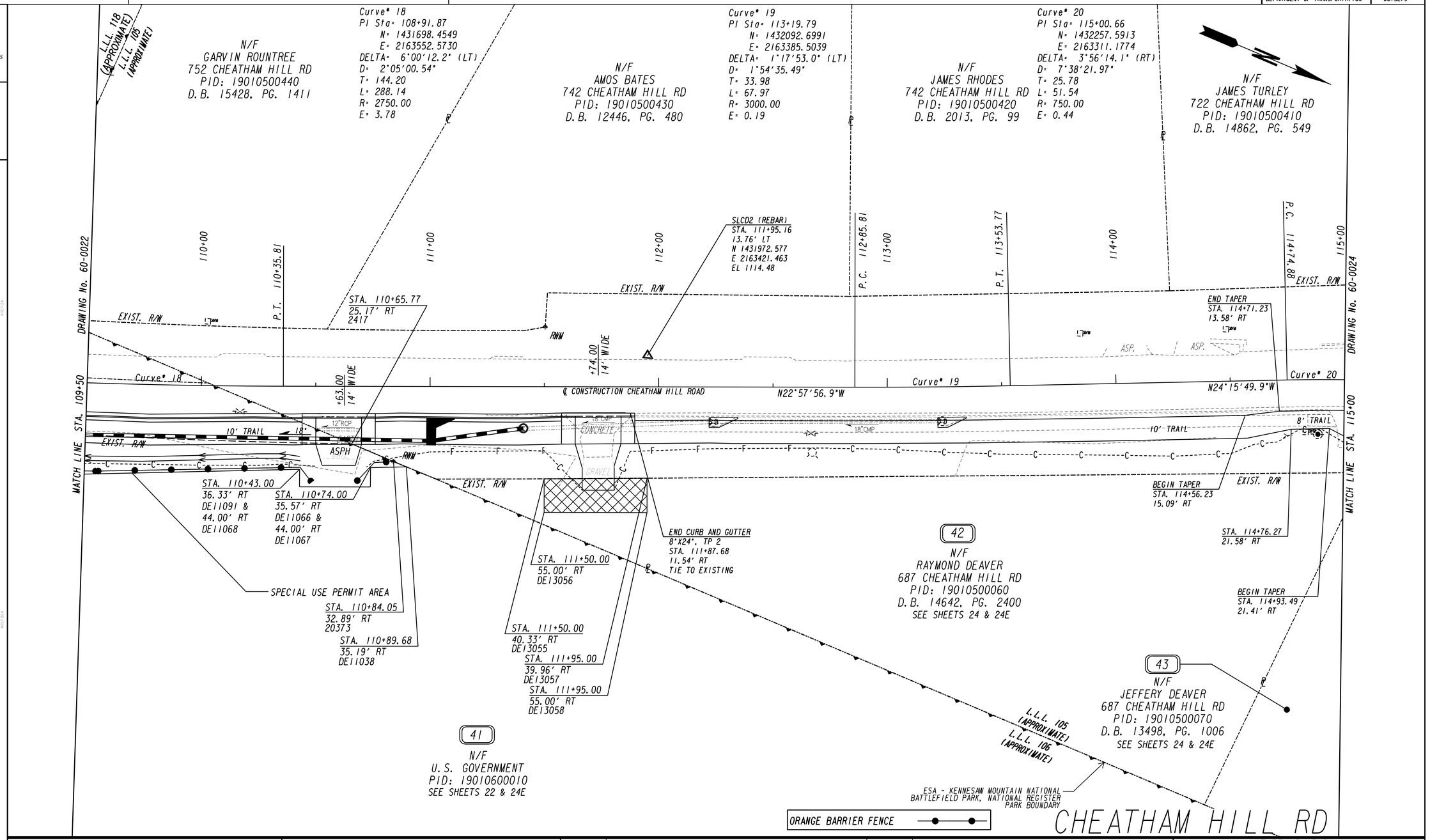
DATE	REVISIONS	DATE	REVISIONS
6-19-2020	PARCEL 40: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 106 & 117
LAND DISTRICT: 19
DATE 11-15-18 SH 22 OF 42

DRAWING No.
60-0022

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCEL 41: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 105 & 106
LAND DISTRICT: 19

DATE 11-15-18 SH 23 OF 42

DRAWING No.
60-0023

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

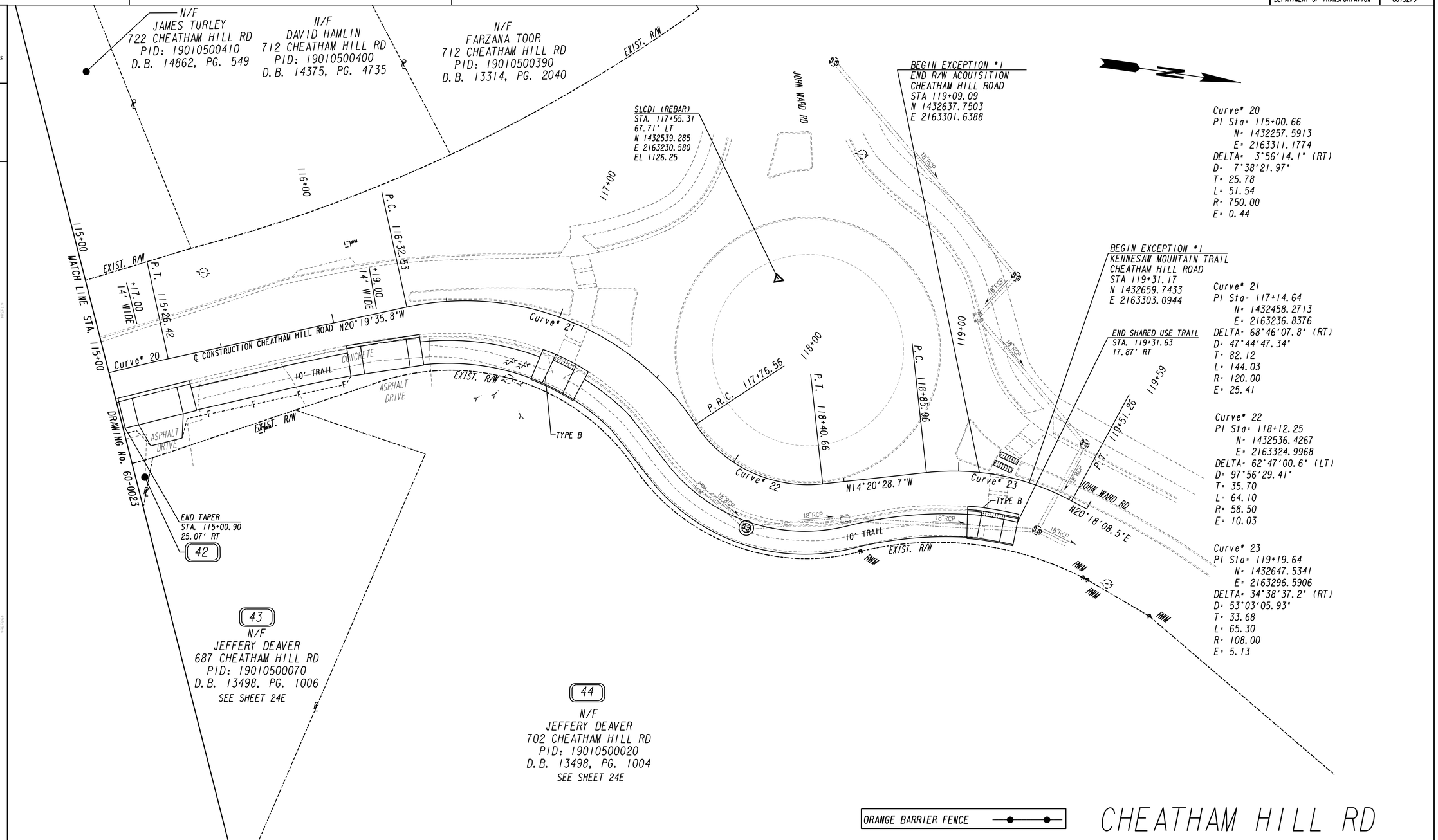
$PRF8$

J:\2017030\0015279\DGN\0015279_60-0024_(CH).dgn
GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	C F
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 42 & 44: SEE REVISION SUMMARY SHEET		
12-17-2019	PARCEL 42: SEE REVISION SUMMARY SHEET		
3-30-2020	PARCEL 42, 43 & 44: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 105
LAND DISTRICT: 19

DATE 11-15-18 SH 24 OF 42

DRAWING No.
60-0024

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

Parcel 1 Special Use Permit Area DE11000 SEE SHT. 3 & 4

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
2659	24.35 R	12+11.34	Cheatham Hill Road
ARC LENGTH = 128.85			
CHORD BEAR = N 8°45'02.5" W			
LNTH CHORD = 128.46			
RADIUS = 480.20			
DEGREE = 11°55'54.2"			
10064	22.13 R	13+45.29	Cheatham Hill Road
	66.73	N 0°52'57.6" W	
10079	24.14 R	14+11.98	Cheatham Hill Road
	130.97	N 3°20'42.1" W	
10096	24.24 R	15+42.51	Cheatham Hill Road
	197.82	N 2°33'56.6" W	
2170	24.03 R	17+41.44	Cheatham Hill Road
	34.43	N 0°59'38.5" W	
2171	23.97 R	17+76.00	Cheatham Hill Road
ARC LENGTH = 9.51			
CHORD BEAR = N 0°59'00.8" W			
LNTH CHORD = 9.51			
RADIUS = 25975.00			
DEGREE = 0°13'14.1"			
45	23.93 R	17+85.50	Cheatham Hill Road
	13.72	S 52°25'15.3" E	
DE11011	34.69 R	17+76.99	Cheatham Hill Road
	15.25	S 17°06'28.1" W	
DE11010	30.00 R	17+62.47	Cheatham Hill Road
	58.45	S 5°37'08.5" E	
DE11009	34.49 R	17+03.72	Cheatham Hill Road
	50.33	S 9°25'12.8" E	
DE11008	41.00 R	16+53.34	Cheatham Hill Road
	34.04	S 89°27'50.4" E	
DE11007	75.00 R	16+51.59	Cheatham Hill Road
ARC LENGTH = 20.00			
CHORD BEAR = S 2°31'48.6" E			
LNTH CHORD = 20.00			
RADIUS = 3671.66			
DEGREE = 1°33'37.8"			
DE11006	75.00 R	16+31.21	Cheatham Hill Road
	38.09	S 73°32'16.3" W	
DE11005	38.00 R	16+22.04	Cheatham Hill Road
	71.45	S 3°19'06.1" E	
DE11004	38.01 R	15+50.00	Cheatham Hill Road
	61.98	S 13°55'39.0" E	
DE11003	49.03 R	14+89.00	Cheatham Hill Road
	89.93	S 3°09'00.8" E	
DE11002	49.10 R	14+00.00	Cheatham Hill Road
	120.09	S 0°36'18.4" E	
DE11001	43.00 R	12+76.00	Cheatham Hill Road
	82.15	S 18°32'01.4" E	
DE11000	51.00 R	11+86.53	Cheatham Hill Road
	35.65	N 64°54'27.9" W	
2659	24.35 R	12+11.34	Cheatham Hill Road
REQD EASMT = 11605.80 SF			
REQD EASMT = 0.266 ACRES			
REMAINDER = +/- 5.9 ACRES			

Parcel 2 REQ'D R/W DE10000 SEE SHT. 4

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
45	23.93 R	17+85.50	Cheatham Hill Road
	79.21	N 0°53'51.1" W	
38	23.79 R	18+64.71	Cheatham Hill Road
	6.27	N 81°41'02.1" E	
DE10002	30.00 R	18+65.53	Cheatham Hill Road
	84.83	S 0°47'24.7" E	
DE10001	30.00 R	17+80.70	Cheatham Hill Road
	7.74	N 52°25'15.3" W	
45	23.93 R	17+85.50	Cheatham Hill Road
REQD R/W = 503.48 SF			
REQD R/W = 0.012 ACRES			
REMAINDER = +/- 2.6 ACRES			

Parcel 2 REQ'D EASM'T FOR CONSTR. DE12000 SEE SHT. 4

PNT	OFFSET/	STATION/	ALIGNMENT
DE10001	30.00 R	17+80.70	Cheatham Hill Road
DE10002	30.00 R	18+65.53	Cheatham Hill Road
DE12002	38.67 R	18+66.68	Cheatham Hill Road
DE12001	42.00 R	18+40.00	Cheatham Hill Road
DE12000	42.00 R	17+99.63	Cheatham Hill Road
DE11011	34.69 R	17+76.99	Cheatham Hill Road
DE10001	30.00 R	17+80.70	Cheatham Hill Road
REQD EASMT AREA = 935.34 SF			

Parcel 2 REQ'D EASM'T. DE13020 SEE SHT. 4

PNT	OFFSET/	STATION/	ALIGNMENT
DE11011	34.69 R	17+76.99	Cheatham Hill Road
DE12000	42.00 R	17+99.63	Cheatham Hill Road
DE13073	42.00 R	18+24.00	Cheatham Hill Road
DE13074	66.00 R	17+96.00	Cheatham Hill Road
DE13075	66.00 R	17+52.01	Cheatham Hill Road
DE11011	34.69 R	17+76.99	Cheatham Hill Road

Parcel 3 REQ'D R/W DE10001 SEE SHT. 4 & 5

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
38	23.79 R	18+64.71	Cheatham Hill Road
	200.01	N 0°34'23.1" W	
46	24.54 R	20+64.72	Cheatham Hill Road
	12.46	N 89°32'47.2" E	
DE10005	37.00 R	20+64.65	Cheatham Hill Road
	15.65	S 0°47'24.7" E	
DE10004	37.00 R	20+49.00	Cheatham Hill Road
	7.00	S 89°12'35.3" W	
DE10003	30.00 R	20+49.00	Cheatham Hill Road
	183.47	S 0°47'24.7" E	
DE10002	30.00 R	18+65.53	Cheatham Hill Road
	6.27	S 81°41'02.1" W	
38	23.79 R	18+64.71	Cheatham Hill Road
REQD R/W = 1274.17 SF			
REQD R/W = 0.029 ACRES			
REMAINDER = +/- 1.9 ACRES			

Parcel 3 REQ'D EASM'T FOR CONSTR. DE12001 SEE SHT. 4 & 5

PNT	OFFSET/	STATION/	ALIGNMENT
DE10002	30.00 R	18+65.53	Cheatham Hill Road
DE10003	30.00 R	20+49.00	Cheatham Hill Road
DE10004	37.00 R	20+49.00	Cheatham Hill Road
DE12003	37.00 R	18+80.00	Cheatham Hill Road
DE12002	38.67 R	18+66.68	Cheatham Hill Road
DE10002	30.00 R	18+65.53	Cheatham Hill Road
REQD EASMT AREA = 1292.31 SF			

Parcel 3 REQ'D DRWY. EASM'T. DE13000 SEE SHT. 4 & 5

PNT	OFFSET/	STATION/	ALIGNMENT
DE13000	37.00 R	19+22.00	Cheatham Hill Road
DE13003	37.00 R	19+55.00	Cheatham Hill Road
DE13002	45.00 R	19+55.00	Cheatham Hill Road
DE13001	45.00 R	19+22.00	Cheatham Hill Road
DE13000	37.00 R	19+22.00	Cheatham Hill Road

Parcel 4 REQ'D R/W DE10002 SEE SHT. 5

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
46	24.54 R	20+64.72	Cheatham Hill Road
	298.00	N 0°18'10.3" W	
49	25.06 R	23+62.96	Cheatham Hill Road
	39.72	S 68°41'24.2" E	
DE10013	62.00 R	23+48.36	Cheatham Hill Road
	3.36	S 0°15'09.8" E	
DE10012	62.00 R	23+45.00	Cheatham Hill Road
	7.00	S 89°44'50.2" W	
DE10011	55.00 R	23+45.00	Cheatham Hill Road
	96.34	S 9°18'26.5" W	
DE10010	39.00 R	22+50.00	Cheatham Hill Road
	9.00	S 89°44'50.2" W	
DE10009	30.00 R	22+50.00	Cheatham Hill Road
	149.72	S 0°25'23.4" E	
DE10007	30.00 R	21+00.00	Cheatham Hill Road
	7.00	N 89°12'35.3" E	
DE10006	37.00 R	21+00.00	Cheatham Hill Road
	35.35	S 0°47'24.7" E	
DE10005	37.00 R	20+64.65	Cheatham Hill Road
	12.46	S 89°32'47.2" W	
46	24.54 R	20+64.72	Cheatham Hill Road
REQD R/W = 3655.72 SF			
REQD R/W = 0.084 ACRES			
REMAINDER = +/- 1.5 ACRES			

Parcel 4 REQ'D EASM'T FOR CONSTR. (1/2) DE12002 SEE SHT. 5

PNT	OFFSET/	STATION/	ALIGNMENT
DE10007	30.00 R	21+00.00	Cheatham Hill Road
DE10009	30.00 R	22+50.00	Cheatham Hill Road
DE12004	37.00 R	22+50.00	Cheatham Hill Road
DE10006	37.00 R	21+00.00	Cheatham Hill Road
DE10007	30.00 R	21+00.00	Cheatham Hill Road
REQD EASMT AREA = 1047.78 SF			

Parcel 4 REQ'D EASM'T FOR CONSTR. (2/2) DE12003 SEE SHT. 5

PNT	OFFSET/	STATION/	ALIGNMENT
DE10010	39.00 R	22+50.00	Cheatham Hill Road
DE10011	55.00 R	23+45.00	Cheatham Hill Road
DE12006	58.00 R	23+45.00	Cheatham Hill Road
DE12005	42.00 R	22+50.00	Cheatham Hill Road
DE10010	39.00 R	22+50.00	Cheatham Hill Road
REQD EASMT AREA = 285.00 SF			

Parcel 4 REQ'D DRWY. EASM'T. DE13001 SEE SHT. 5

PNT	OFFSET/	STATION/	ALIGNMENT
DE13004	43.68 R	22+60.00	Cheatham Hill Road
DE13007	51.43 R	23+06.00	Cheatham Hill Road
DE13006	61.00 R	22+97.00	Cheatham Hill Road
DE13005	61.00 R	22+65.00	Cheatham Hill Road
DE13004	43.68 R	22+60.00	Cheatham Hill Road

Parcel 5 REQ'D R/W DE10003 SEE SHT. 5 & 6

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
49	25.06 R	23+62.96	Cheatham Hill Road
	219.84	N 0°08'15.9" W	
57	25.50 R	25+82.80	Cheatham Hill Road
	16.50	S 89°18'21.2" E	
DE12008	42.00 R	25+82.53	Cheatham Hill Road
	104.53	S 0°15'09.8" E	
DE10018	42.00 R	24+78.00	Cheatham Hill Road
	79.25	S 10°25'41.6" E	
DE10114	56.00 R	24+00.00	Cheatham Hill Road
	6.00	N 88°44'50.2" E	
DE10014	62.00 R	24+00.00	Cheatham Hill Road
	51.64	S 0°15'09.8" E	
DE10013	62.00 R	23+48.36	Cheatham Hill Road
	39.72	N 68°41'24.2" W	
49	25.06 R	23+62.96	Cheatham Hill Road
REQD R/W = 5229.99 SF			
REQD R/W = 0.120 ACRES			
REMAINDER = +/- 0.81 ACRES			

Parcel 5 REQ'D EASM'T. FOR CONST. DE12004 SEE SHT. 5 & 6

PNT	OFFSET/	STATION/	ALIGNMENT
DE10114	56.00 R	24+00.00	Cheatham Hill Road
DE10018	42.00 R	24+78.00	Cheatham Hill Road
DE12194	42.00 R	24+95.00	Cheatham Hill Road
DE12195	55.00 R	24+50.00	Cheatham Hill Road
DE10114	56.00 R	24+00.00	Cheatham Hill Road
REQD EASMT AREA = 421.50 SF			

Parcel 6 REQ'D R/W DE10004 SEE SHT. 6

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
2207	25.85 R	26+34.14	Cheatham Hill Road
	200.89	N 0°16'50.8" E	
10731	25.71 R	28+35.29	Cheatham Hill Road
	20.29	S 88°59'23.3" E	
DE10027	46.00 R	28+35.04	Cheatham Hill Road
	19.04	S 0°19'15.8" W	
DE10026	46.00 R	28+16.00	Cheatham Hill Road
	31.62	S 18°45'21.6" W	
DE10025	36.00 R	27+86.00	Cheatham Hill Road
	130.00	S 0°19'15.8" W	
DE10024	36.00 R	26+56.00	Cheatham Hill Road
	3.00	S 89°40'44.2" E	
DE10023	39.00 R	26+56.00	Cheatham Hill Road
	23.16	S 19°53'06.8" E	
DE10022	47.00 R	26+33.79	Cheatham Hill Road
	21.15	N 89°18'26.8" W	
2207	25.85 R	26+34.14	Cheatham Hill Road
REQD R/W = 2544.69 SF			
REQD R/W = 0.058 ACRES			
REMAINDER = +/- 1.7 ACRES			

Parcel 6 REQ'D EASM'T FOR CONSTR. (1/2) DE12006 SEE SHT. 6

PNT	OFFSET/	STATION/	ALIGNMENT
DE10024	36.00 R	26+56.00	Cheatham Hill Road
DE10025	36.00 R	27+86.00	Cheatham Hill Road
DE12009	41.00 R	28+01.00	Cheatham Hill Road
DE13010	41.00 R	27+84.00	Cheatham Hill Road
DE10023	39.00 R	26+56.00	Cheatham Hill Road
DE10024	36.00 R	26+56.00	Cheatham Hill Road
REQD EASMT AREA = 559.50 SF			

Parcel 6 REQ'D EASM'T FOR CONSTR. (2/2) DE12007 SEE SHT. 6

PNT	OFFSET/	STATION/	ALIGNMENT
DE10026	46.00 R	28+16.00	Cheatham Hill Road
DE10027	46.00 R	28+35.04	Cheatham Hill Road
DE12011	51.00 R	28+34.98	Cheatham Hill Road
DE12010	51.00 R	28+16.00	Cheatham Hill Road
DE10026	46.00 R	28+16.00	Cheatham Hill Road
REQD EASMT AREA = 95.07 SF			

Parcel 6 REQ'D DRWY. EASM'T. DE1003 SEE SHT. 6

PNT	OFFSET/	STATION/	ALIGNMENT
DE13010	41.00 R	27+84.00	Cheatham Hill Road
DE12009	41.00 R	28+01.00	Cheatham Hill Road
DE10026	46.00 R	28+16.00	Cheatham Hill Road
DE13012	54.00 R	28+16.00	Cheatham Hill Road
DE13011	54.00 R	27+84.00	Cheatham Hill Road
DE13010	41.00 R	27+84.00	Cheatham Hill Road

Parcel 7 REQ'D R/W DE10005 SEE SHT. 6 & 7

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
10731	25.71 R	28+35.29	Cheatham Hill Road
	211.93	N 0°17'38.9" E	
10729	23.10 R	30+47.68	Cheatham Hill Road
	7.70	S 88°56'28.5" E	
2208	30.80 R	30+47.73	Cheatham Hill Road
	112.19	S 1°25'14.8" W	
DE10031	30.80 R	29+35.54	Cheatham Hill Road
ARC LENGTH = 37.79			
CHORD BEAR = S 0°52'15.0" W			
LNTH CHORD = 37.79			
RADIUS = 1969.20			
DEGREE = 2°54'34.5"			
DE10030	30.80 R	28+97.16	Cheatham Hill Road
	31.16	S 0°19'15.8" W	
DE10029	30.80 R	28+66.00	Cheatham Hill Road
	8.20	S 89°40'44.2" E	
DE10028	39.00 R	28+66.00	Cheatham Hill Road
	31.74	S 12°25'15.3" E	
DE10027	46.00 R	28+35.04	Cheatham Hill Road
	20.29	N 88°59'23.3" W	
10731	25.71 R	28+35.29	Cheatham Hill Road
REQD R/W = 1615.26 SF			
REQD R/W = 0.037 ACRES			
REMAINDER = +/- 0.94 ACRES			

CHEATHAM HILL RD

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 4 & 5: SEE REVISION SUMMARY SHEET		
9-20-2019	PARCEL 2: SEE REVISION SUMMARY SHEET		
9-20-2019	PARCEL 5: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

DATE 11-15-18 SH 24A OF 42

DRAWING No. 60-0024A

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

Parcel 7 REQ'D EASM'T FOR CONSTR. (1/2) DE12008 SEE SHT. 6

PNT	OFFSET/		STATION/	ALIGNMENT
DE10027	46.00	R	28+35.04	Cheatham Hill Road
DE10028	39.00	R	28+66.00	Cheatham Hill Road
DE12012	51.00	R	28+66.48	Cheatham Hill Road
DE12011	51.00	R	28+34.98	Cheatham Hill Road
DE10027	46.00	R	28+35.04	Cheatham Hill Road

REQD EASMT AREA = 266.15 SF

Parcel 7 REQ'D EASM'T FOR CONSTR. (2/2) DE12009 SEE SHT. 6 & 7

PNT	OFFSET/		STATION/	ALIGNMENT
DE10029	30.80	R	28+66.00	Cheatham Hill Road
DE10030	30.80	R	28+97.16	Cheatham Hill Road

ARC LENGTH = 37.79
CHORD BEAR = N 0°52'15.0" E
LNTH CHORD = 37.79
RADIUS = 1969.20
DEGREE = 2°54'34.5"

DE10031	30.80	R	29+35.54	Cheatham Hill Road
2208	30.80	R	30+47.73	Cheatham Hill Road
DE12013	39.00	R	30+47.78	Cheatham Hill Road
DE12117	39.00	R	29+35.54	Cheatham Hill Road
DE10028	39.00	R	28+66.00	Cheatham Hill Road
DE10029	30.80	R	28+66.00	Cheatham Hill Road

REQD EASMT AREA = 1492.77 SF

Parcel 7 REQ'D DRWY. EASM'T. DE13004 SEE SHT. 6 & 7

PNT	OFFSET/		STATION/	ALIGNMENT
DE13013	39.07	R	28+80.00	Cheatham Hill Road
DE13015	39.18	R	29+14.00	Cheatham Hill Road
DE13016	48.00	R	29+14.00	Cheatham Hill Road
DE13014	48.00	R	28+80.00	Cheatham Hill Road
DE13013	39.07	R	28+80.00	Cheatham Hill Road

Parcel 8 REQ'D EASM'T FOR CONSTR. DE12010 SEE SHT. 7

PNT	OFFSET/		STATION/	ALIGNMENT
2208	30.80	R	30+47.73	Cheatham Hill Road
2210	30.49	R	31+24.35	Cheatham Hill Road
DE12016	47.00	R	31+28.75	Cheatham Hill Road
DE12015	47.00	R	30+70.00	Cheatham Hill Road
DE12014	39.00	R	30+50.00	Cheatham Hill Road
DE12013	39.00	R	30+47.78	Cheatham Hill Road
2208	30.80	R	30+47.73	Cheatham Hill Road

REQD EASMT AREA = 1187.42 SF

Parcel 8 REQ'D DRWY. EASM'T. DE13005 SEE SHT. 7

PNT	OFFSET/		STATION/	ALIGNMENT
DE12014	39.00	R	30+50.00	Cheatham Hill Road
DE12015	47.00	R	30+70.00	Cheatham Hill Road
DE13019	47.00	R	31+08.00	Cheatham Hill Road
DE13018	120.00	R	30+82.00	Cheatham Hill Road
DE13017	120.00	R	30+48.29	Cheatham Hill Road
DE12013	39.00	R	30+47.78	Cheatham Hill Road
DE12014	39.00	R	30+50.00	Cheatham Hill Road

Parcel 9 REQ'D R/W DE10006 SEE SHT. 7

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10033	27.48	R	32+55.00	Cheatham Hill Road
	8.46		N 0°27'14.2" E	
10768	27.28	R	32+63.46	Cheatham Hill Road
	11.72		S 89°57'40.1" E	
DE10035	39.00	R	32+63.81	Cheatham Hill Road
	8.81		S 1°46'28.7" W	
DE10034	39.00	R	32+55.00	Cheatham Hill Road
	11.52		N 88°13'31.3" W	
DE10033	27.48	R	32+55.00	Cheatham Hill Road

REQD R/W = 100.37 SF
REQD R/W = 0.002 ACRES
REMAINDER = +/- 3.1 ACRES

Parcel 9 REQ'D EASM'T FOR CONSTR. DE12011 SEE SHT. 7

PNT	OFFSET/		STATION/	ALIGNMENT
2210	30.49	R	31+24.35	Cheatham Hill Road
DE10033	27.48	R	32+55.00	Cheatham Hill Road
DE12019	36.00	R	32+55.00	Cheatham Hill Road
DE12018	36.00	R	32+20.00	Cheatham Hill Road
DE12017	47.00	R	31+50.00	Cheatham Hill Road
DE12016	47.00	R	31+28.75	Cheatham Hill Road
2210	30.49	R	31+24.35	Cheatham Hill Road

REQD EASMT AREA = 1547.69 SF

Parcel 9 REQ'D DRWY. EASM'T. DE13006 SEE SHT. 7

PNT	OFFSET/		STATION/	ALIGNMENT
DE13020	36.00	R	32+29.00	Cheatham Hill Road
DE12019	36.00	R	32+55.00	Cheatham Hill Road
DE10034	39.00	R	32+55.00	Cheatham Hill Road
DE13022	39.00	R	32+62.00	Cheatham Hill Road
DE13023	53.00	R	32+62.00	Cheatham Hill Road
DE13021	53.00	R	32+29.00	Cheatham Hill Road
DE13020	36.00	R	32+29.00	Cheatham Hill Road

Parcel 10 REQ'D R/W DE10007 SEE SHT. 7

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
10768	27.28	R	32+63.46	Cheatham Hill Road
	75.16		N 4°58'11.7" E	
10806	31.47	R	33+38.50	Cheatham Hill Road
	12.53		S 89°12'07.6" E	
DE10118	44.00	R	33+38.71	Cheatham Hill Road
	74.75		S 1°46'28.7" W	
DE10119	44.00	R	32+63.96	Cheatham Hill Road
	16.73		N 89°57'40.1" W	
10768	27.28	R	32+63.46	Cheatham Hill Road

REQD R/W = 1094.49 SF
REQD R/W = 0.025 ACRES
REMAINDER = +/- 2.22 ACRES

Parcel 10 REQ'D DRWY. EASM'T. DE13007 SEE SHT. 7

PNT	OFFSET/		STATION/	ALIGNMENT
DE13024	44.00	R	32+97.00	Cheatham Hill Road
DE13026	44.00	R	33+29.00	Cheatham Hill Road
DE13027	58.00	R	33+29.00	Cheatham Hill Road
DE13025	58.00	R	32+97.00	Cheatham Hill Road
DE13024	44.00	R	32+97.00	Cheatham Hill Road

Parcel 11 REQ'D R/W DE10031 SEE SHT. 7

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
10806	31.47	R	33+38.50	Cheatham Hill Road
	43.71		N 1°22'39.8" E	
DE10112	31.17	R	33+82.20	Cheatham Hill Road
	4.83		S 88°13'31.3" E	
DE12021	36.00	R	33+82.20	Cheatham Hill Road
	43.63		S 0°27'40.1" W	
DE10113	37.00	R	33+38.59	Cheatham Hill Road
	5.53		N 89°12'07.6" W	
10806	31.47	R	33+38.50	Cheatham Hill Road

REQD R/W = 226.23 SF
REQD R/W = 0.005 ACRES
REMAINDER = +/- 0.46 ACRES

Parcel 11 REQ'D EASM'T. FOR CONSTR. DE12012 SEE SHT. 7 & 8

PNT	OFFSET/		STATION/	ALIGNMENT
DE10112	31.17	R	33+82.20	Cheatham Hill Road
2229	32.64	R	34+43.01	Cheatham Hill Road

ARC LENGTH = 21.67
CHORD BEAR = N 0°29'22.1" W
LNTH CHORD = 21.66
RADIUS = 332.50
DEGREE = 17°13'54.5"

DE12165	33.20	R	34+64.50	Cheatham Hill Road
DE12166	36.50	R	34+64.50	Cheatham Hill Road
DE12164	36.50	R	34+12.00	Cheatham Hill Road
DE12039	34.00	R	34+12.00	Cheatham Hill Road
DE12020	34.00	R	33+82.20	Cheatham Hill Road
DE10112	31.17	R	33+82.20	Cheatham Hill Road

REQD EASMT AREA = 294.85 SF

Parcel 12 REQ'D EASM'T FOR CONSTR. DE10008 SEE SHT. 8

PNT	OFFSET/		STATION/	ALIGNMENT
2231	28.54	R	35+73.77	Cheatham Hill Road
DE10117	34.00	R	35+83.71	Cheatham Hill Road

ARC LENGTH = 18.05
CHORD BEAR = S 22°34'49.7" E
LNTH CHORD = 18.05
RADIUS = 312.69
DEGREE = 18°19'24.6"

DE10116	34.00	R	35+67.62	Cheatham Hill Road
2231	28.54	R	35+73.77	Cheatham Hill Road

REQD EASMT AREA = 49.76 SF

Parcel 13 REQ'D EASM'T FOR CONSTR. (1/2) DE12014 SEE SHT. 8

PNT	OFFSET/		STATION/	ALIGNMENT
2232	31.73	R	35+79.71	Cheatham Hill Road

ARC LENGTH = 70.12
CHORD BEAR = N 29°35'51.6" W
LNTH CHORD = 69.97
RADIUS = 311.10
DEGREE = 18°25'01.8"

DE12167	32.94	R	36+41.68	Cheatham Hill Road
DE12028	34.00	R	36+34.25	Cheatham Hill Road
DE12027	34.50	R	36+02.10	Cheatham Hill Road
DE10117	34.00	R	35+83.71	Cheatham Hill Road
2232	31.73	R	35+79.71	Cheatham Hill Road

REQD EASMT AREA = 116.49 SF

Parcel 13 REQ'D EASM'T FOR CONSTR. (2/2) DE12015 SEE SHT. 8

PNT	OFFSET/		STATION/	ALIGNMENT
DE12029	35.72	R	37+00.00	Cheatham Hill Road

ARC LENGTH = 162.01
CHORD BEAR = N 63°05'20.3" W
LNTH CHORD = 160.19
RADIUS = 311.10
DEGREE = 18°25'01.8"

2244	34.27	R	38+48.10	Cheatham Hill Road
11087	31.23	R	38+97.68	Cheatham Hill Road
DE12037	37.00	R	38+97.91	Cheatham Hill Road
DE12036	40.00	R	38+37.00	Cheatham Hill Road
DE12034	41.00	R	38+00.00	Cheatham Hill Road
DE12031	45.00	R	37+50.00	Cheatham Hill Road
DE12030	45.00	R	37+00.00	Cheatham Hill Road
DE12029	35.72	R	37+00.00	Cheatham Hill Road

REQD EASMT AREA = 1224.31 SF

Parcel 14 REQ'D EASM'T FOR CONSTR. DE12016 SEE SHT. 8 & 9

PNT	OFFSET/		STATION/	ALIGNMENT
11087	31.23	R	38+97.68	Cheatham Hill Road
11086	28.69	R	40+32.22	Cheatham Hill Road
DE12038	38.00	R	40+31.24	Cheatham Hill Road
DE12037	37.00	R	38+97.91	Cheatham Hill Road
11087	31.23	R	38+97.68	Cheatham Hill Road

REQD EASMT AREA = 1022.22 SF

Parcel 15 REQ'D EASM'T FOR CONSTR. DE12017 SEE SHT. 9

PNT	OFFSET/		STATION/	ALIGNMENT
11086	28.69	R	40+32.22	Cheatham Hill Road
2247	29.35	R	41+48.99	Cheatham Hill Road
DE12040	38.00	R	41+49.12	Cheatham Hill Road
DE12038	38.00	R	40+31.24	Cheatham Hill Road
11086	28.69	R	40+32.22	Cheatham Hill Road

REQD EASMT AREA = 1053.96 SF

Parcel 16 REQ'D EASM'T FOR CONSTR. DE12018 SEE SHT. 9 & 10

PNT	OFFSET/		STATION/	ALIGNMENT
2247	29.35	R	41+48.99	Cheatham Hill Road
2252	29.59	R	42+33.15	Cheatham Hill Road
2251	30.21	R	44+04.49	Cheatham Hill Road

ARC LENGTH = 0.79
CHORD BEAR = N 14°48'50.8" E
LNTH CHORD = 0.79
RADIUS = 171.34
DEGREE = 33°26'24.2"

DE12044	31.00	R	44+04.48	Cheatham Hill Road
DE12043	31.00	R	42+59.00	Cheatham Hill Road
DE12042	41.00	R	42+08.00	Cheatham Hill Road
DE12041	38.00	R	41+53.00	Cheatham Hill Road
DE12040	38.00	R	41+49.12	Cheatham Hill Road
2247	29.35	R	41+48.99	Cheatham Hill Road

REQD EASMT AREA = 1066.66 SF

Parcel 17 REQ'D EASM'T FOR CONSTR. DE12019 SEE SHT. 10

PNT	OFFSET/		STATION/	ALIGNMENT
2258	30.38	R	44+54.73	Cheatham Hill Road
1627	29.78	R	46+61.82	Cheatham Hill Road
DE12048	36.25	R	46+60.86	Cheatham Hill Road
DE12047	35.00	R	46+50.00	Cheatham Hill Road
DE12046	34.00	R	46+00.00	Cheatham Hill Road
DE12045	34.00	R	44+54.65	Cheatham Hill Road

ARC LENGTH = 3.62
CHORD BEAR = S 15°45'37.8" W
LNTH CHORD = 3.62
RADIUS = 233.13
DEGREE = 24°34'37.8"

2258	30.38	R	44+54.73	Cheatham Hill Road

REQD EASMT AREA = 731.33 SF

Parcel 18 REQ'D R/W (1/3) DE10009A SEE SHT. 11

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10104	32.12	R	50+00.00	Cheatham Hill Road

ARC LENGTH = 33.83
CHORD BEAR = N 23°45'24.8" W
LNTH CHORD = 33.82
RADIUS = 369.84
DEGREE = 15°29'31.8"

DE10105	30.18	R	50+36.73	Cheatham Hill Road
	20.82		N 71°44'02.0" E	
DE10121	51.00	R	50+36.73	Cheatham Hill Road
	6.00		S 18°15'58.0" E	
DE10106	51.00	R	50+30.73	Cheatham Hill Road

ARC LENGTH = 25.93
CHORD BEAR = S 20°57'30.9" E
LNTH CHORD = 25.92
RADIUS = 275.93
DEGREE = 20°45'52.6"

DE10120	51.00	R	50+00.00	Cheatham Hill Road
	18.88		S 66°20'56.3" W	
DE10104	32.12	R	50+00.00	Cheatham Hill Road

REQD R/W = 651.19 SF
REQD R/W = 0.015 ACRES

Parcel 18 REQ'D R/W (2/3) DE10009 SEE SHT. 11

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10037	28.77	R	50+74.00	Cheatham Hill Road

ARC LENGTH = 64.06
CHORD BEAR = N 10°44'31.3" W
LNTH CHORD = 63.98
RADIUS = 369.84
DEGREE = 15°29'31.8"

DE10040	27.80	R	51+42.00	Cheatham Hill Road
	14.20		N 84°09'04.3" E	
DE10039	42.00	R	51+42.00	Cheatham Hill Road

ARC LENGTH = 62.10
CHORD BEAR = S 9°52'34.7" E
LNTH CHORD = 62.04
RADIUS = 441.69
DEGREE = 12°58'19.0"

DE10038	42.00	R	50+74.00	Cheatham Hill Road
	13.23		S 76°05'46.4" W	
DE10037	28.77	R	50+74.00	Cheatham Hill Road

REQD R/W = 876.10 SF
REQD R/W = 0.020 ACRES

CHEATHAM HILL RD

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 10, 11, 12, 13, 16, & 18: SEE REVISION SUMMARY SHEET		
9-20-2019	PARCEL 8: SEE REVISION SUMMARY SHEET		
5-15-2020	PARCEL 8: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

DATE 11-15-18 SH 24B OF 42

DRAWING No. 60-0024B

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

Parcel 18 REQ'D R/W (3/3) DE10010 SEE SHT. 12

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10041	30.23	R	52+80.00	Cheatham Hill Road
	27.01		N 0°00'53.0" E	
DE10043	30.77	R	53+07.00	Cheatham Hill Road
	24.23		N 88°52'17.5" E	
DE10044	55.00	R	53+07.00	Cheatham Hill Road
	27.00		S 1°07'42.5" E	
DE10042	55.00	R	52+80.00	Cheatham Hill Road
	24.77		S 88°52'17.5" W	
DE10041	30.23	R	52+80.00	Cheatham Hill Road

REQD R/W = 661.46 SF
REQD R/W = 0.015 ACRES

TOTAL REQ'D R/W PARCEL 18 SEE SHT. 11 & 12

REQD R/W (TRACT 1) = 0.015 ACRES
REQD R/W (TRACT 2) = 0.020 ACRES
REQD R/W (TRACT 3) = 0.015 ACRES

TOTAL REQD R/W = 0.050 ACRES
REMAINDER = +/- 8.0 ACRES

Parcel 18 REQ'D EASM'T FOR CONSTR. (1/3) DE12020A SHTS. 10 & 11

PNT	OFFSET/		STATION/	ALIGNMENT
1627	29.78	R	46+61.82	Cheatham Hill Road

ARC LENGTH = 311.80
CHORD BEAR = N 50°31'48.4" W
LNTH CHORD = 302.65
RADIUS = 369.84
DEGREE = 15°29'31.8"

DE10104	32.12	R	50+00.00	Cheatham Hill Road
DE12054	42.00	R	50+00.00	Cheatham Hill Road
DE12053	42.00	R	49+50.00	Cheatham Hill Road
DE12052	39.00	R	48+76.00	Cheatham Hill Road
DE12051	39.00	R	48+48.50	Cheatham Hill Road
DE12050	39.00	R	47+98.00	Cheatham Hill Road
DE12049	40.00	R	47+50.00	Cheatham Hill Road
DE12048	36.25	R	46+60.86	Cheatham Hill Road
1627	29.78	R	46+61.82	Cheatham Hill Road

REQD EASMT AREA = 2816.14 SF

Parcel 18 REQ'D EASM'T FOR CONSTR. (2/3) DE12020 SHT. 11

PNT	OFFSET/		STATION/	ALIGNMENT
DE10105	30.18	R	50+36.73	Cheatham Hill Road

ARC LENGTH = 35.06
CHORD BEAR = N 18°25'12.2" W
LNTH CHORD = 35.05
RADIUS = 369.84
DEGREE = 15°29'31.8"

DE10037	28.77	R	50+74.00	Cheatham Hill Road
DE10038	42.00	R	50+74.00	Cheatham Hill Road
DE10107	42.00	R	50+36.73	Cheatham Hill Road
DE10105	30.18	R	50+36.73	Cheatham Hill Road

REQD EASMT AREA = 442.07 SF

Parcel 18 REQ'D EASM'T FOR CONSTR. (3/3) DE12021 SHTS. 11 & 12

PNT	OFFSET/		STATION/	ALIGNMENT
DE10038	42.00	R	50+74.00	Cheatham Hill Road

ARC LENGTH = 62.10
CHORD BEAR = N 9°52'34.7" W
LNTH CHORD = 62.04
RADIUS = 441.69
DEGREE = 12°58'19.0"

DE10039	42.00	R	51+42.00	Cheatham Hill Road
DE10040	27.80	R	51+42.00	Cheatham Hill Road

ARC LENGTH = 30.22
CHORD BEAR = N 3°26'20.3" W
LNTH CHORD = 30.21
RADIUS = 369.84
DEGREE = 15°29'31.8"

2262	28.07	R	51+74.07	Cheatham Hill Road
DE10041	30.23	R	52+80.00	Cheatham Hill Road
DE12058	37.00	R	52+80.00	Cheatham Hill Road
DE12057	36.03	R	51+50.00	Cheatham Hill Road
DE12056	51.44	R	51+50.00	Cheatham Hill Road
DE12055	52.00	R	50+74.00	Cheatham Hill Road
DE10038	42.00	R	50+74.00	Cheatham Hill Road

REQD EASMT AREA = 1851.32 SF

Parcel 19 REQ'D R/W (1/2) DE10011 SEE SHT. 12

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10045	30.93	R	53+92.00	Cheatham Hill
	58.00		N 0°02'15.8" E	
DE10048	30.74	R	54+50.00	Cheatham Hill
	22.26		S 89°46'40.4" E	
DE10047	53.00	R	54+50.00	Cheatham Hill
	50.49		S 8°11'30.2" W	
DE10046	46.00	R	54+00.00	Cheatham Hill
	17.06		S 62°15'48.3" W	
DE10045	30.93	R	53+92.00	Cheatham Hill

REQD R/W = 994.30 SF
REQD R/W = 0.023 ACRES

Parcel 19 REQD R/W (2/2) DE10012 SEE SHT. 13

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10049	29.45	R	58+50.00	Cheatham Hill Road
	193.45		N 0°02'15.8" E	
2264	28.83	R	60+43.45	Cheatham Hill Road
	25.17		S 89°49'33.7" E	
DE10052	54.00	R	60+43.47	Cheatham Hill Road
	37.10		S 25°46'16.5" W	
DE10051	38.00	R	60+10.00	Cheatham Hill Road
	160.00		S 0°13'19.6" W	
DE10050	38.00	R	58+50.00	Cheatham Hill Road
	8.55		N 89°46'40.4" W	
DE10049	29.45	R	58+50.00	Cheatham Hill Road

REQD R/W = 1981.13 SF
REQD R/W = 0.045 ACRES

TOTAL REQ'D R/W PARCEL 19 SEE SHT. 12 & 13

REQD R/W (TRACT 1) = 0.023 ACRES
REQD R/W (TRACT 2) = 0.045 ACRES

TOTAL REQD R/W = 0.068 ACRES
REMAINDER = +/- 4.9 ACRES

Parcel 19 REQ'D EASM'T. FOR CONSTR. DE12022 SEE SHT. 12 & 13

PNT	OFFSET/		STATION/	ALIGNMENT
DE10048	30.74	R	54+50.00	Cheatham Hill Road
DE10049	29.45	R	58+50.00	Cheatham Hill Road
DE10050	38.00	R	58+50.00	Cheatham Hill Road
DE10051	38.00	R	60+10.00	Cheatham Hill Road
DE12067	43.00	R	60+20.46	Cheatham Hill Road
DE12066	43.00	R	59+70.00	Cheatham Hill Road
DE12065	50.00	R	59+70.00	Cheatham Hill Road
DE12064	50.00	R	58+50.00	Cheatham Hill Road
DE12063	43.00	R	58+50.00	Cheatham Hill Road
DE12062	47.00	R	57+00.00	Cheatham Hill Road
DE12061	59.00	R	56+00.00	Cheatham Hill Road
DE12170	56.00	R	55+13.00	Cheatham Hill Road
DE13030	50.51	R	55+13.00	Cheatham Hill Road
DE12059	45.00	R	54+50.00	Cheatham Hill Road
DE10048	30.74	R	54+50.00	Cheatham Hill Road

REQD EASMT AREA = 9688.22 SF

Parcel 19 REQ'D DRWY. EASM'T. DE13008 SEE SHT. 12

PNT	OFFSET/		STATION/	ALIGNMENT
DE13028	46.49	R	54+67.00	Cheatham Hill Road
DE13030	50.51	R	55+13.00	Cheatham Hill Road
DE13031	76.00	R	55+13.00	Cheatham Hill Road
DE13029	76.00	R	54+67.00	Cheatham Hill Road
DE13028	46.49	R	54+67.00	Cheatham Hill Road

Parcel 20 REQ'D R/W (1/3) DE10013A SEE SHT. 13

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
2272	28.67	R	60+93.45	Cheatham Hill Road
	22.80		N 0°05'32.8" W	
DE10053	28.71	R	61+16.00	Cheatham Hill Road
	34.91		S 49°02'40.9" E	
DE10054	55.00	R	60+93.47	Cheatham Hill Road
	26.33		N 89°49'33.7" W	
2272	28.67	R	60+93.45	Cheatham Hill Road

REQD R/W = 300.20 SF
REQD R/W = 0.007 ACRES

Parcel 20 REQ'D R/W (2/3) DE10013 SEE SHT. 13

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10108	28.78	R	61+36.00	Cheatham Hill Road
	27.00		N 0°05'32.8" W	
DE10110	28.87	R	61+63.00	Cheatham Hill Road
	10.00		N 89°42'57.4" E	
DE10123	38.87	R	61+63.00	Cheatham Hill Road
	27.00		S 0°05'33.0" E	
DE10122	38.78	R	61+36.00	Cheatham Hill Road
	10.00		S 89°42'57.4" W	
DE10108	28.78	R	61+36.00	Cheatham Hill Road

REQD R/W = 270.00 SF
REQD R/W = 0.006 ACRES

Parcel 20 REQ'D R/W (3/3) DE10013B SEE SHT. 13

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10139	29.16	R	62+50.00	Cheatham Hill Road
	53.54		N 0°05'32.8" W	
11495	29.34	R	63+03.54	Cheatham Hill Road
	3.69		S 51°02'54.0" E	
DE10138	32.20	R	63+01.20	Cheatham Hill Road
	51.42		S 5°38'23.6" E	
DE10140	37.00	R	62+50.00	Cheatham Hill Road
	7.84		S 89°42'57.4" W	
DE10139	29.16	R	62+50.00	Cheatham Hill Road

REQD R/W = 277.43 SF
REQD R/W = 0.006 ACRES

TOTAL REQ'D R/W PARCEL 20 SEE SHT. 13

REQD R/W (TRACT 1) = 0.007 ACRES
REQD R/W (TRACT 2) = 0.006 ACRES
REQD R/W (TRACT 2) = 0.006 ACRES

TOTAL REQD R/W = 0.019 ACRES
REMAINDER = +/- 0.52 ACRES

Parcel 20 REQ'D EASM'T FOR CONSTR. (1/2) DE12023A SEE SHT. 13

PNT	OFFSET/		STATION/	ALIGNMENT
DE10053	28.71	R	61+16.00	Cheatham Hill Road
DE10108	28.78	R	61+36.00	Cheatham Hill Road
DE10109	35.00	R	61+36.00	Cheatham Hill Road
DE12069	35.00	R	61+20.00	Cheatham Hill Road
DE10054	55.00	R	60+93.47	Cheatham Hill Road
DE10053	28.71	R	61+16.00	Cheatham Hill Road

REQD EASMT AREA = 237.34 SF

Parcel 20 REQ'D EASM'T FOR CONSTR. (2/2) DE12023 SEE SHT. 13 & 14

PNT	OFFSET/		STATION/	ALIGNMENT
DE10110	28.87	R	61+63.00	Cheatham Hill Road
DE10139	29.16	R	62+50.00	Cheatham Hill Road
DE10140	37.00	R	62+50.00	Cheatham Hill Road
DE10138	32.20	R	63+01.20	Cheatham Hill Road
DE12072	35.66	R	62+98.38	Cheatham Hill Road
DE12071	40.00	R	62+50.00	Cheatham Hill Road
DE12070	35.00	R	62+40.00	Cheatham Hill Road
DE10111	35.00	R	61+63.00	Cheatham Hill Road
DE10110	28.87	R	61+63.00	Cheatham Hill Road

REQD EASMT AREA = 699.96 SF

Parcel 21 REQ'D R/W DE10032 SEE SHT. 15

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
11495	29.34	R	63+03.54	Cheatham Hill Road
	46.47		N 0°03'17.9" E	
DE10142	29.62	R	63+50.00	Cheatham Hill Road
	1.38		N 89°42'57.4" E	
DE10143	31.00	R	63+50.00	Cheatham Hill Road
	36.00		S 0°17'02.6" E	
DE10141	31.00	R	63+14.00	Cheatham Hill Road
	12.86		S 5°38'23.6" E	
DE10138	32.20	R	63+01.20	Cheatham Hill Road
	3.69		N 51°02'54.0" W	
11495	29.34	R	63+03.54	Cheatham Hill Road

REQD R/W = 78.95 SF
REQD R/W = 0.002 ACRES
REMAINDER = +/- 0.55 ACRES

Parcel 21 REQ'D EASM'T FOR CONSTR. DE12024 SEE SHT. 14

PNT	OFFSET/		STATION/	ALIGNMENT
DE10138	32.20	R	63+01.20	Cheatham Hill Road
DE10141	31.00	R	63+14.00	Cheatham Hill Road
DE10143	31.00	R	63+50.00	Cheatham Hill Road
DE10142	29.62	R	63+50.00	Cheatham Hill Road
11502	29.87	R	63+93.18	Cheatham Hill Road
DE12074	32.00	R	63+93.61	Cheatham Hill Road
DE12073	33.00	R	63+28.00	Cheatham Hill Road
DE12072	35.66	R	62+98.38	Cheatham Hill Road
DE10138	32.20	R	63+01.20	Cheatham Hill Road

REQD EASMT AREA = 235.40 SF

Parcel 23 REQ'D EASM'T FOR CONSTR. DE12026 SEE SHT. 14

PNT	OFFSET/		STATION/	ALIGNMENT
11512	30.23	R	65+28.36	Cheatham Hill Road
11517	30.04	R	66+48.30	Cheatham Hill Road
DE12078	33.00	R	66+47.80	Cheatham Hill Road
DE12077	33.00	R	65+28.27	Cheatham Hill Road
11512	30.23	R	65+28.36	Cheatham Hill Road

REQD EASMT AREA = 343.35 SF

Parcel 24 REQ'D EASM'T FOR CONSTR. DE12027 SEE SHT. 14 & 15

PNT	OFFSET/		STATION/	ALIGNMENT
11517	30.04	R	66+48.30	Cheatham Hill Road
11540	29.65	R	67+56.97	Cheatham Hill Road
DE12079	33.00	R	67+56.29	Cheatham Hill Road
DE12078	33.00	R	66+47.80	Cheatham Hill Road
11517	30.04	R	66+48.30	Cheatham Hill Road

REQD EASMT AREA = 342.86 SF

Parcel 25 REQ'D EASM'T FOR CONSTR. DE12028 SEE SHT. 15

PNT	OFFSET/		STATION/	ALIGNMENT
11540	29.65	R	67+56.97	Cheatham Hill Road
11542	29.80	R	67+85.07	Cheatham Hill Road
DE12080	33.00	R	67+86.05	Cheatham Hill Road
DE12079	33.00	R	67+56.29	Cheatham Hill Road
11540	29.65	R	67+56.97	Cheatham Hill Road

REQD EASMT AREA = 94.76 SF

Parcel 26 REQ'D R/W DE10014 SEE SHT. 15

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10055	29.96	R	68+92.00	Cheatham Hill Road
	16.97		N 0°14'00.7" E	
11545	29.99	R	69+08.97	Cheatham Hill Road
	10.16		N 79°47'22.5" E	
DE10057	39.99	R	69+10.80	Cheatham Hill Road
	18.80		S 0°13'16.0" W	
DE10056	39.96	R	68+92.00	Cheatham Hill Road
	10.00		N 89°51'03.9" W	
DE10055	29.96	R	68+92.00	Cheatham Hill Road

REQD R/W = 178.83 SF
REQD R/W = 0.004 ACRES
REMAINDER = +/- 0.54 ACRES

Parcel 26 REQ'D EASM'T FOR CONSTR. DE12029 SEE SHT. 15

PNT	OFFSET/		STATION/	ALIGNMENT
11542	29.80	R	67+85.07	Cheatham Hill Road
DE10055	29.96	R	68+92.00	Cheatham Hill Road
DE12081	33.00	R	68+92.00	Cheatham Hill Road
DE12080	33.00	R	67+86.05	Cheatham Hill Road
11542	29.80	R	67+85.07	Cheatham Hill Road

REQD EASMT AREA = 331.80 SF

CHEATHAM HILL RD

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 18, 19, 20, 21, & 27: SEE REVISION SUMMARY SHEET		
6-24-2020	PARCEL 19: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:
DATE 11-15-18 SH 24C OF 42
DRAWING No. 60-0024C

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

Parcel 27 REQ'D R/W DE10015 SEE SHT. 15

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
11545	29.99	R	69+08.97	Cheatham Hill Road
	41.03		N 0°06'15.7" E	
DE10132	29.95	R	69+50.00	Cheatham Hill Road
	10.00		S 89°51'03.9" E	
DE10124	39.95	R	69+50.00	Cheatham Hill Road
	39.20		S 0°06'04.3" W	
DE10057	39.99	R	69+10.80	Cheatham Hill Road
	10.16		S 79°47'22.5" W	
11545	29.99	R	69+08.97	Cheatham Hill Road

REQD R/W = 401.11 SF
REQD R/W = 0.009 ACRES
REMAINDER = +/- 0.48 ACRES

Parcel 27 REQ'D EASM'T FOR CONSTR. DE12031 SEE SHT. 15

PNT	OFFSET/		STATION/	ALIGNMENT
DE10132	29.95	R	69+50.00	Cheatham Hill Road
11723	29.90	R	70+18.77	Cheatham Hill Road
DE12179	36.00	R	70+19.82	Cheatham Hill Road
DE12180	36.00	R	69+50.00	Cheatham Hill Road
DE10132	29.95	R	69+50.00	Cheatham Hill Road

REQD EASMT AREA = 420.81 SF

Parcel 28 REQ'D EASM'T FOR CONSTR. DE12034 SEE SHT. 15

PNT	OFFSET/		STATION/	ALIGNMENT
11723	29.90	R	70+18.77	Cheatham Hill Road
2282	29.39	R	71+38.41	Cheatham Hill Road
DE12087	36.00	R	71+38.64	Cheatham Hill Road
DE12179	36.00	R	70+19.82	Cheatham Hill Road
11723	29.90	R	70+18.77	Cheatham Hill Road

REQD EASMT AREA = 757.56 SF

Parcel 29 REQ'D EASM'T FOR CONSTR. DE12035 SEE SHT. 15

PNT	OFFSET/		STATION/	ALIGNMENT
2282	29.39	R	71+38.41	Cheatham Hill Road
11585	29.97	R	72+49.09	Cheatham Hill Road
DE10066	36.00	R	72+49.06	Cheatham Hill Road
DE12087	36.00	R	71+38.64	Cheatham Hill Road
2282	29.39	R	71+38.41	Cheatham Hill Road

REQD EASMT AREA = 699.26 SF

Parcel 31 REQ'D EASM'T FOR CONSTR. DE12037 SEE SHT. 15 & 16

PNT	OFFSET/		STATION/	ALIGNMENT
2286	29.73	R	74+78.92	Cheatham Hill Road
DE12181	36.00	R	74+77.87	Cheatham Hill Road
DE12088	36.00	R	74+73.69	Cheatham Hill Road
2286	29.73	R	74+78.92	Cheatham Hill Road

REQD EASMT AREA = 13.12 SF

Parcel 32 REQ'D EASM'T FOR CONSTR. DE12038 SEE SHT. 15 & 16

PNT	OFFSET/		STATION/	ALIGNMENT
2286	29.73	R	74+78.92	Cheatham Hill Road
2291	29.92	R	75+84.45	Cheatham Hill Road
DE12182	36.00	R	75+86.47	Cheatham Hill Road
DE12181	36.00	R	74+77.87	Cheatham Hill Road
2286	29.73	R	74+78.92	Cheatham Hill Road

REQD EASMT AREA = 660.84 SF

Parcel 33 REQ'D R/W (1/2) DE10020 SEE SHT. 16

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
2291	29.92	R	75+84.45	Cheatham Hill Road
	38.55		N 0°17'32.1" E	
DE10073	30.16	R	76+23.00	Cheatham Hill Road
	25.01		S 23°16'22.4" E	
DE10072	40.02	R	76+00.01	Cheatham Hill Road
	12.23		S 0°17'32.1" W	
DE10071	39.94	R	75+87.78	Cheatham Hill Road
	10.56		S 71°32'26.3" W	
2291	29.92	R	75+84.45	Cheatham Hill Road

REQD R/W = 253.88 SF
REQD R/W = 0.006 ACRES

Parcel 33 REQ'D R/W (2/2) DE10021 SEE SHT. 16

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10074	31.27	R	78+00.00	Cheatham Hill Road
	30.10		N 0°17'32.1" E	
11758	31.46	R	78+30.10	Cheatham Hill Road
	10.99		S 51°06'43.5" E	
DE10076	40.00	R	78+23.19	Cheatham Hill Road
	23.19		S 0°03'56.6" E	
DE10075	40.00	R	78+00.00	Cheatham Hill Road
	8.73		S 89°56'03.4" W	
DE10074	31.27	R	78+00.00	Cheatham Hill Road

REQD R/W = 230.46 SF
REQD R/W = 0.005 ACRES

TOTAL REQ'D R/W PARCEL 33 SEE SHT. 16

REQD R/W (TRACT 1) = 0.006 ACRES
REQD R/W (TRACT 2) = 0.005 ACRES

TOTAL REQD R/W = 0.011 ACRES
REMAINDER = +/- 0.57 ACRES

Parcel 33 REQ'D EASM'T. FOR CONST. DE12039 SEE SHT. 16

PNT	OFFSET/		STATION/	ALIGNMENT
DE10073	30.16	R	76+23.00	Cheatham Hill Road
DE10074	31.27	R	78+00.00	Cheatham Hill Road
DE10075	40.00	R	78+00.00	Cheatham Hill Road
DE12178	33.00	R	77+96.00	Cheatham Hill Road
DE12177	33.50	R	77+40.00	Cheatham Hill Road
DE12176	32.00	R	76+71.00	Cheatham Hill Road
DE12198	36.00	R	76+71.00	Cheatham Hill Road
DE12197	36.00	R	76+48.00	Cheatham Hill Road
DE12196	32.00	R	76+48.00	Cheatham Hill Road
DE12199	32.00	R	76+22.96	Cheatham Hill Road
DE10073	30.16	R	76+23.00	Cheatham Hill Road

REQD EASMT AREA = 459.01 SF

Parcel 34 REQ'D R/W DE10022 SEE SHT. 16 & 17

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
11758	31.46	R	78+30.10	Cheatham Hill Road
	38.31		N 0°00'21.5" E	
11772	31.51	R	78+68.41	Cheatham Hill Road
	8.50		S 88°29'40.5" E	
DE10077	40.00	R	78+68.18	Cheatham Hill Road
	44.98		S 0°03'56.6" E	
DE10076	40.00	R	78+23.19	Cheatham Hill Road
	10.99		N 51°06'43.5" W	
11758	31.46	R	78+30.10	Cheatham Hill Road

REQD R/W = 354.87 SF
REQD R/W = 0.008 ACRES
REMAINDER = +/- 0.62 ACRES

Parcel 35 Special Use Permit Area DE11001 SEE SHT. 17

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
2297	25.44	R	78+68.42	Cheatham Hill Road
	75.05		N 0°02'15.8" E	
2298	25.57	R	79+43.47	Cheatham Hill Road

ARC LENGTH = 238.72
CHORD BEAR = N 7°04'43.7" W
LNTH CHORD = 238.20
RADIUS = 1038.50
DEGREE = 5°31'01.9"

30598	25.26	R	81+75.61	Cheatham Hill Road
	49.27		N 1°52'19.7" E	
DE11017	41.49	R	82+20.64	Cheatham Hill Road
	21.57		S 27°33'38.3" E	
DE11016	45.00	R	82+00.00	Cheatham Hill Road
	105.73		S 11°36'20.0" E	
DE11015	41.00	R	81+00.00	Cheatham Hill Road
	52.71		S 4°46'41.7" E	
DE11014	38.00	R	80+50.00	Cheatham Hill Road
	52.52		S 4°13'10.4" E	
DE11013	38.00	R	80+00.00	Cheatham Hill Road
	51.55		S 2°57'42.1" E	
DE11012	40.00	R	79+50.00	Cheatham Hill Road
	81.82		S 0°03'56.6" E	
DE10077	40.00	R	78+68.18	Cheatham Hill Road
	8.50		N 88°29'40.5" W	
11772	31.51	R	78+68.41	Cheatham Hill Road
	6.07		N 89°57'48.3" W	
2297	25.44	R	78+68.42	Cheatham Hill Road

REQD EASMT = 5284.02 SF
REQD EASMT = 0.121 ACRES
REMAINDER = +/- 41 ACRES

Parcel 36 REQ'D R/W DE10023 SEE SHT. 17 & 18

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
30598	25.26	R	81+75.61	Cheatham Hill Road

ARC LENGTH = 366.03
CHORD BEAR = N 27°06'36.8" W
LNTH CHORD = 363.79
RADIUS = 954.24
DEGREE = 6°00'15.7"

2308	26.58	R	85+32.52	Cheatham Hill Road
	137.31		N 38°26'49.1" W	
2309	25.94	R	86+68.84	Cheatham Hill Road
	23.74		N 66°19'16.0" E	
2310	48.86	R	86+62.64	Cheatham Hill Road
	9.21		S 80°38'03.5" E	
DE10130	55.00	R	86+55.77	Cheatham Hill Road
	5.77		S 38°48'57.1" E	
DE10129	55.00	R	86+50.00	Cheatham Hill Road
	24.00		S 51°11'02.9" W	
DE10083	31.00	R	86+50.00	Cheatham Hill Road
	79.24		S 37°38'42.7" E	
DE10032	29.40	R	85+71.90	Cheatham Hill Road
	89.84		S 37°38'42.7" E	
DE10081	31.00	R	84+82.08	Cheatham Hill Road

ARC LENGTH = 264.00
CHORD BEAR = S 27°31'31.2" E
LNTH CHORD = 262.89
RADIUS = 831.00
DEGREE = 6°53'41.3"

DE10080	31.00	R	82+27.93	Cheatham Hill Road
	16.99		S 18°25'27.4" E	
DE10079	31.00	R	82+10.94	Cheatham Hill Road

ARC LENGTH = 19.32
CHORD BEAR = S 17°42'56.4" E
LNTH CHORD = 19.32
RADIUS = 781.00
DEGREE = 7°20'10.3"

DE10078	31.00	R	81+92.39	Cheatham Hill Road
	18.33		S 1°52'19.7" W	
30598	25.26	R	81+75.61	Cheatham Hill Road

REQD R/W = 3001.91 SF
REQD R/W = 0.069 ACRES
REMAINDER = +/- 0.89 ACRES

Parcel 36 REQ'D EASM'T FOR CONSTR. DE12040 SEE SHT. 17 & 18

PNT	OFFSET/		STATION/	ALIGNMENT
DE10078	31.00	R	81+92.39	Cheatham Hill Road

ARC LENGTH = 19.32
CHORD BEAR = N 17°42'56.4" W
LNTH CHORD = 19.32
RADIUS = 781.00
DEGREE = 7°20'10.3"

DE10079	31.00	R	82+10.94	Cheatham Hill Road
DE10080	31.00	R	82+27.93	Cheatham Hill Road

ARC LENGTH = 264.00
CHORD BEAR = N 27°31'31.2" W
LNTH CHORD = 262.89
RADIUS = 831.00
DEGREE = 6°53'41.3"

DE10081	31.00	R	84+82.08	Cheatham Hill Road
DE10032	29.40	R	85+71.90	Cheatham Hill Road
DE10083	31.00	R	86+50.00	Cheatham Hill Road
DE10084	50.00	R	86+50.00	Cheatham Hill Road
DE12097	38.00	R	85+50.00	Cheatham Hill Road
DE12096	38.00	R	84+50.00	Cheatham Hill Road
DE12095	42.00	R	84+00.00	Cheatham Hill Road
DE12094	38.00	R	83+50.00	Cheatham Hill Road
DE12093	38.00	R	83+00.00	Cheatham Hill Road
DE12092	38.00	R	82+50.00	Cheatham Hill Road
DE11017	41.49	R	82+20.64	Cheatham Hill Road
DE10078	31.00	R	81+92.39	Cheatham Hill Road

REQD EASMT AREA = 4128.47 SF

Parcel 36 REQ'D DRWY. EASM'T. (1/2) DE13010A SEE SHT. 17

PNT	OFFSET/		STATION/	ALIGNMENT
DE11017	41.49	R	82+20.64	Cheatham Hill Road
DE12092	38.00	R	82+50.00	Cheatham Hill Road
DE12093	38.00	R	83+00.00	Cheatham Hill Road
DE13077	76.92	R	83+00.00	Cheatham Hill Road
DE11017	41.49	R	82+20.64	Cheatham Hill Road

Parcel 36 REQ'D DRWY. EASM'T. (2/2) DE13010 SEE SHT. 18

PNT	OFFSET/		STATION/	ALIGNMENT
DE12097	38.00	R	85+50.00	Cheatham Hill Road
DE13038	44.88	R	86+10.00	Cheatham Hill Road
DE13039	84.00	R	85+90.00	Cheatham Hill Road
DE13036	60.00	R	85+49.00	Cheatham Hill Road
DE12097	38.00	R	85+50.00	Cheatham Hill Road

CHEATHAM HILL RD

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 28, 29, 30, 31, 32, 33, & 36: SEE REVISION SUMMARY SHEET		
9-20-2019	PARCEL 33: SEE REVISION SUMMARY SHEET		
9-20-2019	PARCEL 36: SEE REVISION SUMMARY SHEET		
8-20-2020	PARCEL 30: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

DATE 11-15-18 SH 24D OF 42

DRAWING No.
60-0024D

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

Parcel 37 REQD RW DE10024 SEE SHT. 18 & 19

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
127	30.94	R	86+67.49	Cheatham Hill Road
	200.25		N 38°41'52.0" W	
132	31.35	R	88+67.73	Cheatham Hill Road
	6.67		N 46°31'56.2" E	
DE10144	38.00	R	88+68.27	Cheatham Hill Road
	181.27		S 38°48'57.1" E	
DE10145	38.00	R	86+87.00	Cheatham Hill Road
	17.00		N 51°11'02.9" E	
DE10131	55.00	R	86+87.00	Cheatham Hill Road
	31.23		S 38°48'57.1" E	
DE10130	55.00	R	86+55.77	Cheatham Hill Road
	9.21		N 80°38'03.5" W	
2310	48.86	R	86+62.64	Cheatham Hill Road
	18.57		S 66°19'16.0" W	
127	30.94	R	86+67.49	Cheatham Hill Road

REQD R/W = 1800.60 SF
REQD R/W = 0.041 ACRES
REMAINDER = +/- 0.63 ACRES

Parcel 37 REQ'D EASM'T. FOR CONST DE12041 SEE SHT. 18 & 19

PNT	OFFSET/		STATION/	ALIGNMENT
DE12192	38.00	R	87+20.00	Cheatham Hill Road
DE10144	38.00	R	88+68.27	Cheatham Hill Road
DE12175	48.00	R	88+69.09	Cheatham Hill Road
DE12098	48.00	R	87+20.00	Cheatham Hill Road
DE12192	38.00	R	87+20.00	Cheatham Hill Road

REQD EASMT AREA = 1486.79 SF

Parcel 37 REQ'D DRWY. EASM'T. (1/2) DE13011 SEE SHT. 18 & 19

PNT	OFFSET/		STATION/	ALIGNMENT
DE10145	38.00	R	86+87.00	Cheatham Hill Road
DE12192	38.00	R	87+20.00	Cheatham Hill Road
DE12098	48.00	R	87+20.00	Cheatham Hill Road
DE13072	48.00	R	87+50.00	Cheatham Hill Road
DE13041	70.00	R	87+50.00	Cheatham Hill Road
DE13040	70.00	R	87+22.00	Cheatham Hill Road
DE13071	51.00	R	86+87.00	Cheatham Hill Road
DE10145	38.00	R	86+87.00	Cheatham Hill Road

Parcel 37 REQ'D DRWY. EASM'T. (2/2) DE13012 SEE SHT. 18 & 19

PNT	OFFSET/		STATION/	ALIGNMENT
DE13043	48.00	R	88+30.00	Cheatham Hill Road
DE13045	48.00	R	88+65.00	Cheatham Hill Road
DE13046	70.00	R	88+65.00	Cheatham Hill Road
DE13044	70.00	R	88+30.00	Cheatham Hill Road
DE13043	48.00	R	88+30.00	Cheatham Hill Road

Parcel 38 REQ'D R/W DE10025 SEE SHT. 19

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
30365	26.35	R	88+67.32	Cheatham Hill Road
	183.57		N 38°25'48.3" W	
30314	27.41	R	90+51.35	Cheatham Hill Road
	3.59		N 53°45'23.3" E	
DE10090	31.00	R	90+51.24	Cheatham Hill Road

ARC LENGTH = 21.01
CHORD BEAR = S 38°20'29.7" E
LNTH CHORD = 21.01
RADIUS = 1269.00
DEGREE = 4°30'54.1"

DE10089	31.00	R	90+29.72	Cheatham Hill Road
	162.02		S 38°48'57.1" E	
DE10088	31.00	R	88+67.70	Cheatham Hill Road
	4.67		S 46°31'56.2" W	
30365	26.35	R	88+67.32	Cheatham Hill Road

REQD R/W = 740.21 SF
REQD R/W = 0.017 ACRES
REMAINDER = +/- 1.1 ACRES

Parcel 38 REQ'D EASM'FOR CONSTR DE12042 SEE SHT. 19

PNT	OFFSET/		STATION/	ALIGNMENT
DE10088	31.00	R	88+67.70	Cheatham Hill
DE10089	31.00	R	90+29.72	Cheatham Hill

ARC LENGTH = 21.01
CHORD BEAR = N 38°20'29.7" W
LNTH CHORD = 21.01
RADIUS = 1269.00
DEGREE = 4°30'54.1"

DE10090	31.00	R	90+51.24	Cheatham Hill
DE12102	35.07	R	90+51.12	Cheatham Hill
DE12101	35.00	R	90+50.00	Cheatham Hill
DE12118	35.00	R	90+00.00	Cheatham Hill
DE12100	38.29	R	88+68.30	Cheatham Hill
DE10088	31.00	R	88+67.70	Cheatham Hill

REQD EASMT AREA = 951.19 SF

Parcel 38 REQ'D DRWY. EASM'T. DE13013 SEE SHT. 19

PNT	OFFSET/		STATION/	ALIGNMENT
DE13047	37.92	R	88+83.00	Cheatham Hill Road
DE13049	56.90	R	89+24.00	Cheatham Hill Road
DE13050	55.00	R	89+24.00	Cheatham Hill Road
DE13048	55.00	R	88+83.00	Cheatham Hill Road
DE13047	37.92	R	88+83.00	Cheatham Hill Road

Parcel 39 REQ'D R/W DE10026 SEE SHT. 19 & 20

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
30314	27.41	R	90+51.35	Cheatham Hill Road
	10.55		N 34°01'10.6" W	
2316	28.07	R	90+62.11	Cheatham Hill Road

ARC LENGTH = 310.40
CHORD BEAR = N 30°52'44.9" W
LNTH CHORD = 309.49
RADIUS = 1175.00
DEGREE = 4°52'34.5"

2317	25.51	R	93+78.89	Cheatham Hill Road
	72.89		N 23°19'49.3" W	
2313	24.87	R	94+52.07	Cheatham Hill Road
	6.70		S 88°54'14.3" E	
DE10092	31.00	R	94+49.36	Cheatham Hill Road
	55.47		S 22°45'56.8" E	
DE10091	31.00	R	93+93.89	Cheatham Hill Road

ARC LENGTH = 334.47
CHORD BEAR = S 30°18'59.6" E
LNTH CHORD = 333.51
RADIUS = 1269.00
DEGREE = 4°30'54.1"

DE10090	31.00	R	90+51.24	Cheatham Hill Road
	3.59		S 53°45'23.3" W	
30314	27.41	R	90+51.35	Cheatham Hill Road

REQD R/W = 1915.01 SF
REQD R/W = 0.044 ACRES
REMAINDER = +/- 2.3 ACRES

Parcel 39 REQ'D EASM'T FOR CONSTR. DE12043 SEE SHT. 19 & 20

PNT	OFFSET/		STATION/	ALIGNMENT
DE10090	31.00	R	90+51.24	Cheatham Hill Road

ARC LENGTH = 334.47
CHORD BEAR = N 30°18'59.6" W
LNTH CHORD = 333.51
RADIUS = 1269.00
DEGREE = 4°30'54.1"

DE10091	31.00	R	93+93.89	Cheatham Hill Road
DE10092	31.00	R	94+49.36	Cheatham Hill Road
DE11018	52.00	R	94+40.07	Cheatham Hill Road
DE12107	52.00	R	93+93.89	Cheatham Hill Road
DE12106	37.00	R	93+00.00	Cheatham Hill Road
DE12105	37.00	R	92+50.00	Cheatham Hill Road
DE12104	37.00	R	92+00.00	Cheatham Hill Road
DE12119	37.00	R	91+50.00	Cheatham Hill Road
DE12103	37.00	R	91+00.00	Cheatham Hill Road
DE12102	35.07	R	90+51.12	Cheatham Hill Road
DE10090	31.00	R	90+51.24	Cheatham Hill Road

REQD EASMT AREA = 3794.95 SF

Parcel 39 REQ'D DRWY. EASM'T. DE13014 SEE SHT. 19 & 20

PNT	OFFSET/		STATION/	ALIGNMENT
DE13051	37.23	R	91+21.00	Cheatham Hill
DE12119	37.00	R	91+50.00	Cheatham Hill
DE13053	37.05	R	91+53.00	Cheatham Hill
DE13054	51.00	R	91+53.00	Cheatham Hill
DE13052	51.00	R	91+21.00	Cheatham Hill
DE13051	37.23	R	91+21.00	Cheatham Hill

Parcel 40 Special Use Permit Area DE11002 SEE SHT. 20, 21 & 22

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
2313	24.87	R	94+52.07	Cheatham Hill Road
	85.56		N 23°17'42.2" W	
2414	24.08	R	95+37.63	Cheatham Hill Road

ARC LENGTH = 557.49
CHORD BEAR = N 20°23'39.2" W
LNTH CHORD = 557.25
RADIUS = 5475.00
DEGREE = 1°02'47.4"

2415	24.48	R	100+97.15	Cheatham Hill Road
	699.73		N 17°28'37.8" W	
2416	20.71	R	107+96.95	Cheatham Hill Road

ARC LENGTH = 95.59
CHORD BEAR = N 18°18'02.7" W
LNTH CHORD = 95.59
RADIUS = 3325.00
DEGREE = 1°43'23.5"

2318	21.84	R	108+91.80	Cheatham Hill Road
	21.66		S 88°46'56.9" E	
DE11039	42.05	R	108+84.09	Cheatham Hill Road
	85.59		S 22°14'32.8" E	
DE11035	47.00	R	108+00.00	Cheatham Hill Road
	8.00		N 71°56'50.3" E	
DE11034	55.00	R	108+00.00	Cheatham Hill Road
	53.04		S 17°30'39.6" E	
DE11033	55.00	R	107+48.00	Cheatham Hill Road
	78.03		S 15°29'37.5" E	
DE11032	53.00	R	106+70.00	Cheatham Hill Road
	194.81		S 14°46'03.4" E	
DE11031	47.00	R	104+75.76	Cheatham Hill Road
	170.17		S 19°40'31.5" E	
DE11141	54.00	R	103+05.00	Cheatham Hill Road
	16.00		N 72°40'48.5" E	
DE11140	70.00	R	103+05.00	Cheatham Hill Road
	37.00		S 17°19'11.5" E	
DE11139	70.00	R	102+68.00	Cheatham Hill Road
	14.00		S 72°40'48.5" W	
DE11138	56.00	R	102+68.00	Cheatham Hill Road
	69.17		S 18°58'24.3" E	
DE11030	58.00	R	101+98.86	Cheatham Hill Road
	198.22		S 19°09'02.2" E	
DE11029	62.00	R	100+00.00	Cheatham Hill Road
	122.89		S 18°55'03.1" E	
DE11028	62.00	R	98+75.00	Cheatham Hill Road
	127.31		S 20°59'59.6" E	
DE11027	62.00	R	97+45.39	Cheatham Hill Road
	44.89		S 7°10'30.6" E	
DE11026	50.47	R	97+02.00	Cheatham Hill Road
	4.53		N 67°56'21.2" E	
DE11025	55.00	R	97+02.00	Cheatham Hill Road
	17.00		S 22°03'38.8" E	
DE11024	55.00	R	96+85.00	Cheatham Hill Road
	4.35		S 67°56'21.2" W	
DE11023	50.65	R	96+85.00	Cheatham Hill Road
	159.37		S 22°41'49.5" E	
DE11022	52.00	R	95+25.00	Cheatham Hill Road
	3.00		N 67°14'03.2" E	
DE11021	55.00	R	95+25.00	Cheatham Hill Road
	50.00		S 22°45'56.8" E	
DE11020	55.00	R	94+75.00	Cheatham Hill Road
	3.00		S 67°14'03.2" W	
DE11019	52.00	R	94+75.00	Cheatham Hill Road
	34.93		S 22°45'54.8" E	
DE11018	52.00	R	94+40.07	Cheatham Hill Road
	29.66		N 88°54'14.3" W	
2313	24.87	R	94+52.07	Cheatham Hill Road

REQD EASMT = 45140.87 SF
REQD EASMT = 1.036 ACRES

Parcel 41 Special Use Permit Area DE11003 SEE SHT. 22 & 23

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
2318	21.84	R	108+91.80	Cheatham Hill Road

ARC LENGTH = 175.21
CHORD BEAR = N 20°38'02.2" W
LNTH CHORD = 175.19
RADIUS = 3325.00
DEGREE = 1°43'23.5"

2417	25.17	R	110+65.77	Cheatham Hill Road
	19.85		N 0°04'07.0" W	
20373	32.89	R	110+84.05	Cheatham Hill Road
	6.08		N 0°48'18.4" W	
DE11038	35.19	R	110+89.68	Cheatham Hill Road
	15.69		S 24°22'14.7" E	
DE11066	35.57	R	110+74.00	Cheatham Hill Road
	8.43		N 67°02'03.1" E	
DE11067	44.00	R	110+74.00	Cheatham Hill Road
	31.00		S 22°57'56.9" E	
DE11068	44.00	R	110+43.00	Cheatham Hill Road
	7.67		S 67°02'03.1" W	
DE11091	36.33	R	110+43.00	Cheatham Hill Road
	94.26		S 24°22'14.7" E	
DE11037	40.00	R	109+50.00	Cheatham Hill Road
	30.46		S 22°44'48.7" E	
DE11036	41.00	R	109+20.00	Cheatham Hill Road
	36.47		S 21°49'54.7" E	
DE11039	42.05	R	108+84.09	Cheatham Hill Road
	21.66		N 88°46'56.9" W	
2318	21.84	R	108+91.80	Cheatham Hill Road

REQD EASMT = 3130.97 SF
REQD EASMT = 0.072 ACRES

Parcel 42 REQ'D DRWY. EASM'T. DE13015 SEE SHT. 23

PNT	OFFSET/		STATION/	ALIGNMENT
DE13055	40.33	R	111+50.00	Cheatham Hill Road

ARC LENGTH = 45.00
CHORD BEAR = N 23°26'01.0" W
LNTH CHORD = 45.00
RADIUS = 117360.50
DEGREE = 0°02'55.8"

DE13057	39.96	R	111+95.00	Cheatham Hill Road
DE13058	55.00	R	111+95.00	Cheatham Hill Road
DE13056	55.00	R	111+50.00	Cheatham Hill Road
DE13055	40.33	R	111+50.00	Cheatham Hill Road

CHEATHAM HILL RD

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 37, 41, 42, & 44: SEE REVISION SUMMARY SHEET		
3-30-2020	PARCELS 37, 42, 43 & 44: SEE REVISION SUMMARY SHEET		
6-19-2020	PARCEL 40: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:
DATE 11-15-18 SH 24E OF 42
DRAWING No. 60-0024E

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

PROPERTY, R/W & EASEMENT COORDINATES

PT. NAME	NORTHING	EASTING	STYLE
38	1423807.7749	2166043.7363	PROP_E_PPC
45	1423728.5752	2166044.9770	PROP_E_PPC
46	1424007.7749	2166041.7358	PROP_E_PPC
49	1424305.7749	2166040.1605	PROP_E_PPC
57	1424525.6149	2166039.6320	PROP_E_PPC
127	1429707.6536	2164474.2688	PROP_E_PPC
132	1429863.9367	2164349.0724	PROP_E_PPC
1627	1425919.8460	2165025.3590	PROP_E_PPC
2170	1423684.6472	2166045.7375	PROP_E_PPC
2171	1423719.0706	2166045.1402	PROP_E_PPC
2207	1424576.9601	2166039.7575	PROP_E_PPC
2208	1424989.6267	2166049.5309	PROP_E_PPC
2210	1425066.0443	2166051.1346	PROP_E_PPC
2229	1425386.4830	2166061.3076	PROP_E_PPC
2231	1425524.3562	2166033.5116	PROP_E_PPC
2232	1425531.6646	2166033.9045	PROP_E_PPC
2247	1425790.4262	2165519.4277	PROP_E_PPC
2251	1425855.1254	2165272.2570	PROP_E_PPC
2252	1425811.6994	2165438.0011	PROP_E_PPC
2258	1425867.8470	2165223.6540	PROP_E_PPC
2262	1426269.4590	2164753.2886	PROP_E_PPC
2264	1427137.6860	2164753.7864	PROP_E_PPC
2282	1428232.6769	2164754.5073	PROP_E_PPC
2286	1428573.2975	2164754.7315	PROP_E_PPC
2291	1428678.8268	2164754.8010	PROP_E_PPC
2297	1428962.7899	2164749.9879	PROP_E_PPC
2298	1429037.8354	2164750.0373	PROP_E_PPC
2308	1429598.0389	2164554.9031	PROP_E_PPC
2309	1429705.5745	2164469.5278	PROP_E_PPC
2310	1429715.1102	2164491.2725	PROP_E_PPC
2313	1430345.5900	2164037.7186	PROP_E_PPC
2316	1430013.0348	2164225.4271	PROP_E_PPC
2317	1430278.6593	2164066.5855	PROP_E_PPC
2318	1431704.6746	2163569.5319	PROP_E_PPC
2413	1430345.5895	2164037.7452	PROP_E_PPC
2414	1430424.1762	2164003.8820	PROP_E_PPC
2415	1430946.4976	2163809.6923	PROP_E_PPC
2416	1431613.9229	2163599.5465	PROP_E_PPC
2417	1431868.6286	2163507.7948	PROP_E_PPC
2659	1423162.5830	2166082.8070	PROP_E_PPC
10064	1423289.5520	2166063.2630	PROP_E_PPC
10079	1423356.2770	2166062.2350	PROP_E_PPC
10096	1423487.0250	2166054.5930	PROP_E_PPC
10729	1424989.7690	2166041.8300	PROP_E_PPC
10731	1424777.8450	2166040.7420	PROP_E_PPC
10768	1425205.1820	2166052.2370	PROP_E_PPC
10806	1425280.0560	2166058.7480	PROP_E_PPC
10998	1425639.2280	2165957.5120	PROP_E_PPC
11086	1425760.5830	2165632.3600	PROP_E_PPC
11087	1425725.9700	2165763.7710	PROP_E_PPC
11495	1427398.0260	2164753.4800	PROP_E_PPC
11502	1427487.6680	2164753.5660	PROP_E_PPC
11512	1427622.6290	2164753.7560	PROP_E_PPC
11517	1427742.5690	2164753.8750	PROP_E_PPC
11540	1427851.2340	2164753.7680	PROP_E_PPC
11542	1427879.3380	2164753.9980	PROP_E_PPC
11545	1428003.2360	2164754.5030	PROP_E_PPC
11585	1428343.4620	2164755.2320	PROP_E_PPC
11758	1428924.4760	2164756.0540	PROP_E_PPC
20373	1431888.4810	2163507.7710	PROP_E_PPC
30314	1430004.2870	2164231.3320	PROP_E_PPC
30365	1429860.4850	2164345.4310	PROP_E_PPC
30598	1429274.2190	2164720.6830	PROP_E_PPC
DE10001	1423723.8568	2166051.1087	REQD_P_REOD
DE10002	1423808.6815	2166049.9387	REQD_P_REOD
DE10003	1423992.1318	2166047.4085	REQD_P_REOD
DE10004	1423992.2283	2166054.4079	REQD_P_REOD
DE10005	1424007.8735	2166054.1921	REQD_P_REOD
DE10006	1424043.2235	2166053.7045	REQD_P_REOD
DE10007	1424043.1269	2166046.7052	REQD_P_REOD
DE10009	1424192.8400	2166045.5995	REQD_P_REOD
DE10010	1424192.8797	2166054.5994	REQD_P_REOD
DE10011	1424287.9493	2166070.1802	REQD_P_REOD
DE10012	1424287.9802	2166077.1801	REQD_P_REOD
DE10013	1424291.3399	2166077.1653	REQD_P_REOD
DE10014	1424342.9797	2166076.9375	REQD_P_REOD
DE10015	1424342.9267	2166064.9376	REQD_P_REOD
DE10016	1424381.8999	2166058.7657	REQD_P_REOD
DE10018	1424420.8907	2166056.5937	REQD_P_REOD
DE10019	1424440.8905	2166056.5055	REQD_P_REOD
DE10020	1424440.8684	2166051.5055	REQD_P_REOD
DE10021	1424525.4756	2166051.1323	REQD_P_REOD
DE10022	1424576.7046	2166060.9015	REQD_P_REOD
DE10023	1424598.4851	2166053.0234	REQD_P_REOD
DE10024	1424598.5019	2166050.0234	REQD_P_REOD
DE10027	1424777.4873	2166061.0265	REQD_P_REOD
DE10028	1424808.4818	2166054.2001	REQD_P_REOD
DE10029	1424808.5277	2166046.0002	REQD_P_REOD
DE10030	1424839.6863	2166045.3439	REQD_P_REOD

PROPERTY, R/W & EASEMENT COORDINATES

PT. NAME	NORTHING	EASTING	STYLE
DE10031	1424877.4699	2166046.7491	REQD_P_REOD
DE10032	1429631.3284	2164533.6723	REQD_P_REOD
DE10033	1425196.7226	2166052.1700	REQD_P_REOD
DE10034	1425196.3657	2166063.6881	REQD_P_REOD
DE10035	1425205.1740	2166063.9610	REQD_P_REOD
DE10037	1426176.4423	2164767.0257	REQD_P_REOD
DE10038	1426179.6218	2164779.8698	REQD_P_REOD
DE10039	1426240.7466	2164769.2279	REQD_P_REOD
DE10040	1426239.2995	2164755.1010	REQD_P_REOD
DE10041	1426374.9579	2164753.3157	REQD_P_REOD
DE10042	1426375.4457	2164778.0787	REQD_P_REOD
DE10043	1426401.9633	2164753.3227	REQD_P_REOD
DE10044	1426402.4404	2164777.5470	REQD_P_REOD
DE10045	1426486.2331	2164753.3575	REQD_P_REOD
DE10046	1426494.1746	2164768.4604	REQD_P_REOD
DE10047	1426544.1471	2164775.6542	REQD_P_REOD
DE10048	1426544.2334	2164753.3957	REQD_P_REOD
DE10049	1426944.2354	2164753.6591	REQD_P_REOD
DE10050	1426944.2022	2164762.2050	REQD_P_REOD
DE10051	1427104.2010	2164762.8252	REQD_P_REOD
DE10052	1427137.6095	2164778.9549	REQD_P_REOD
DE10053	1427210.4898	2164753.7825	REQD_P_REOD
DE10054	1427187.6062	2164780.1487	REQD_P_REOD
DE10055	1427986.2639	2164754.4338	REQD_P_REOD
DE10056	1427986.2379	2164764.4342	REQD_P_REOD
DE10057	1428005.0378	2164764.5067	REQD_P_REOD
DE10058	1428033.2480	2164760.5947	REQD_P_REOD
DE10059	1428033.2637	2164754.5577	REQD_P_REOD
DE10066	1428343.4425	2164761.2632	REQD_P_REOD
DE10071	1428682.1706	2164764.8182	REQD_P_REOD
DE10072	1428694.3972	2164764.8606	REQD_P_REOD
DE10073			REQD_P_REOD
DE10074	1428894.3762	2164755.9005	REQD_P_REOD
DE10075	1428894.3862	2164764.6313	REQD_P_REOD
DE10076	1428917.5794	2164764.6047	REQD_P_REOD
DE10077	1428962.5627	2164764.5531	REQD_P_REOD
DE10078	1429292.5410	2164721.2819	REQD_P_REOD
DE10079	1429310.9421	2164715.4038	REQD_P_REOD
DE10080	1429327.0635	2164710.0334	REQD_P_REOD
DE10081	1429560.1952	2164588.5417	REQD_P_REOD
DE10083	1429694.0685	2164485.2770	REQD_P_REOD
DE10084	1429705.9781	2164500.0811	REQD_P_REOD
DE10085	1429714.8322	2164492.9582	REQD_P_REOD
DE10089	1429989.9336	2164247.2606	REQD_P_REOD
DE10090	1430006.4104	2164234.2286	REQD_P_REOD
DE10091	1430294.3090	2164065.8826	REQD_P_REOD
DE10092	1430345.4619	2164044.4158	REQD_P_REOD
DE10104	1426112.2316	2164791.7264	REQD_P_REOD
DE10105	1426143.1880	2164778.1009	REQD_P_REOD
DE10106	1426144.0158	2164799.7521	REQD_P_REOD
DE10107	1426146.8926	2164789.3250	REQD_P_REOD
DE10108	1427230.4899	2164753.7503	REQD_P_REOD
DE10109	1427230.5207	2164759.9702	REQD_P_REOD
DE10110	1427257.4900	2164753.7067	REQD_P_REOD
DE10111	1427257.5204	2164759.8364	REQD_P_REOD
DE10112	142533.7522	2166059.7989	REQD_P_REOD
DE10118	1425279.8815	2166071.2781	REQD_P_REOD
DE10119	1425205.1707	2166068.9633	REQD_P_REOD
DE10120	1426119.8074	2164809.0248	REQD_P_REOD
DE10121	1426149.7135	2164797.8715	REQD_P_REOD
DE10122	1427230.5395	2164763.7502	REQD_P_REOD
DE10123	1427257.5396	2164763.7066	REQD_P_REOD
DE10124	1428114.7371	2164764.7004	REQD_P_REOD
DE10125	1428434.3749	2164755.0340	REQD_P_REOD
DE10126	1428434.3863	2164765.0340	REQD_P_REOD
DE10127	1428564.9506	2164764.7497	REQD_P_REOD
DE10128	1428571.6341	2164764.7352	REQD_P_REOD
DE10129	1429709.1122	2164503.9769	REQD_P_REOD
DE10130	1429713.6118	2164500.3571	REQD_P_REOD
DE10131	1429737.9413	2164480.7846	REQD_P_REOD
DE10132	1428044.2637	2164754.5777	REQD_P_REOD
DE10138	1427395.7049	2164756.3513	REQD_P_REOD
DE10139	1427344.4904	2164753.5664	REQD_P_REOD
DE10140	1427344.5293	2164761.4050	REQD_P_REOD
DE10141	1427408.4987	2164755.0878	REQD_P_REOD
DE10142	1427444.4914	2164753.5246	REQD_P_REOD
DE10143	1427444.4983	2164754.9093	REQD_P_REOD
DE10144	1429868.5260	2164353.9140	REQD_P_REOD
DE10145	1429727.2853	2164467.5388	REQD_P_REOD
DE11000	1423147.4630	2166115.0962	REQD_P_PESMT
DE11001	1423225.3526	2166088.9837	REQD_P_PESMT
DE11002	1423345.4349	2166087.7154	REQD_P_PESMT
DE11003	1423435.2267	2166082.7735	REQD_P_PESMT
DE11004	1423495.3883	2166067.8544	REQD_P_PESMT
DE11005	1423566.7235	2166063.7183	REQD_P_PESMT
DE11006	1423577.5167	2166100.2444	REQD_P_PESMT
DE11007	1423597.4972	2166099.3615	REQD_P_PESMT
DE11008	1423597.8157	2166065.3202	REQD_P_PESMT
DE11009	1423647.4638	2166057.0830	REQD_P_PESMT
DE11010	1423705.6323	2166051.3600	REQD_P_PESMT
DE11011	1423720.2105	2166055.8471	REQD_P_PESMT

PROPERTY, R/W & EASEMENT COORDINATES

PT. NAME	NORTHING	EASTING	STYLE
DE11012	1429044.3861	2164764.4593	REQD_P_PESMT
DE11013	1429095.8634	2164761.7959	REQD_P_PESMT
DE11014	1429148.2447	2164757.9313	REQD_P_PESMT
DE11015	1429200.7704	2164753.5407	REQD_P_PESMT
DE11016	1429304.3396	2164732.2705	REQD_P_PESMT
DE11017	1429323.4579	2164722.2924	REQD_P_PESMT
DE11018	1430345.0226	2164067.3749	REQD_P_PESMT
DE11019	1430377.2307	2164053.8588	REQD_P_PESMT
DE11020	1430378.3913	2164056.6244	REQD_P_PESMT
DE11021	1430424.4961	2164037.2762	REQD_P_PESMT
DE11022	1430423.3357	2164034.5110	REQD_P_PESMT
DE11023	1430570.3613	2163973.0177	REQD_P_PESMT
DE11024	1430571.9947	2163977.0483	REQD_P_PESMT
DE11025	1430587.7501	2163970.6633	REQD_P_PESMT
DE11026	1430586.0478	2163966.4628	REQD_P_PESMT
DE11027	1430626.0811	2163949.7343	REQD_P_PESMT
DE11028	1430745.3514	2163903.9510	REQD_P_PESMT
DE11029	1430861.0613	2163861.1238	REQD_P_PESMT
DE11030	1431049.2810	2163799.9882	REQD_P_PESMT
DE11031	1431313.3197	2163717.6549	REQD_P_PESMT
DE11032	1431501.6970	2163667.9974	REQD_P_PESMT
DE11033	1431576.8935	2163647.1524	REQD_P_PESMT
DE11034	1431627.4748	2163631.1934	REQD_P_PESMT
DE11035	1431624.9957	2163623.5873	REQD_P_PESMT
DE11036	1431738.0699	2163577.6272	REQD_P_PESMT
DE11037	1431766.1591	2163565.8502	REQD_P_PESMT
DE11038	1431894.5564	2163507.6856	REQD_P_PESMT
DE11039	1431704.2143	2163591.1903	REQD_P_PESMT
DE11066	1431880.2684	2163514.1582	REQD_P_PESMT
DE11067	1431883.5575	2163521.9197	REQD_P_PESMT
DE11068	1431855.0146	2163534.0153	REQD_P_PESMT
DE11091	1431852.0221	2163526.9539	REQD_P_PESMT
DE11138	1431118.3542	2163787.8755	REQD_P_PESMT
DE11139	1431122.5220	2163801.2408	REQD_P_PESMT
DE11140	1431157.8444	2163790.2256	REQD_P_PESMT
DE11141	1431153.0811	2163774.9511	REQD_P_PESMT
DE12001	1423783.3171	2166062.2897	REQD_P_PESMT
DE12002	1423809.9457	2166058.5875	REQD_P_PESMT
DE12003	1423823.2444	2166056.7386	REQD_P_PESMT
DE12004	1424192.8709	2166052.5994	REQD_P_PESMT
DE12005	1424192.8929	2166057.5993	REQD_P_PESMT
DE12006	1424287.9626	2166073.1802	REQD_P_PESMT
DE12007	1424342.9488	2166069.9376	REQD_P_PESMT
DE12008	1424525.4150	2166056.1326	REQD_P_PESMT
DE12009	1424743.4716	2166055.8358	REQD_P_PESMT
DE12010	1424758.4153	2166065.9197	REQD_P_PESMT
DE12011	1424777.3992	2166066.0261	REQD_P_PESMT
DE12012	1424808.8945	2166066.2026	REQD_P_PESMT
DE12013	1424989.4751	2166057.7292	REQD_P_PESMT
DE12014	1424991.6927	2166057.7842	REQD_P_PESMT
DE12015	1425011.4883	2166066.2776	REQD_P_PESMT
DE12016	1425069.9247	2166067.7744	REQD_P_PESMT
DE12017	1425091.1683	2166068.4326	REQD_P_PESMT
DE12018	1425161.4754	2166059.6056	REQD_P_PESMT
DE12019	1425196.4586	2166060.6895	REQD_P_PESMT
DE12020	1425323.6646	2166062.6271	REQD_P_PESMT
DE12027	1425555.6564	2166030.4422	REQD_P_PESMT
DE12028	1425603.7561	2165998.0551	REQD_P_PESMT
DE12029	1425643.7421	2165957.4034	REQD_P_PESMT
DE12030	1425648.3606	2165961.2335	REQD_P_PESMT
DE12031	1425681.1795	2165915.0351	REQD_P_PESMT
DE12034	1425700.2932	2165861.7825	REQD_P_PESMT
DE12036	1425713.7637	2165824.2977	REQD_P_PESMT
DE12037	1425731.5508	2165765.2406	REQD_P_PESMT
DE12038	1425769.3467	2165635.6549	REQD_P_PESMT
DE12039	1425354.4675	2166063.1250	REQD_P_PESMT
DE12040	1425798.8312	2165521.4668	REQD_P_PESMT
DE12041	1425799.8020	2165517.7068	REQD_P_PESMT
DE12042	1425816.4557	2165465.2030	REQD_P_PESMT
DE12043	1425819.5233	2165413.3224	REQD_P_PESMT
DE12044	1425855.8902	2165272.4592	REQD_P_PESMT
DE12045	1425871.3349	2165224.6387	REQD_P_PESMT
DE12046	1425907.6709	2165083.8989	REQD_P_PESMT
DE12047	1425921.3826	2165037.6071	REQD_P_PESMT
DE12048	1425925.7009	2165028.2553	REQD_P_PESMT
DE12049	1425961.1801	2164952.6276	REQD_P_PESMT
DE12050	1425981.7890	2164913.6714	REQD_P_PESMT
DE12051	1426008.5002	2164877.9151	REQD_P_PESMT
DE12052	1426025.5578	2164859.5535	REQD_P_PESMT
DE12053	1426077.7701	2164821.2405	REQD_P_PESMT
DE12054	1426116.1970	2164800.7807	REQD_P_PESMT
DE12055	1426182.0247	2164789.5769	REQD_P_PESMT
DE12056	1426248.8260	2164777.9466	REQD_P_PESMT
DE12057	1426247.5096	2164762.5953	REQD_P_PESMT
DE12058	1426375.0912	2164760.0822	REQD_P_PESMT
DE12059	1426544.1781	2164767.6543	REQD_P_PESMT
DE12060	1426624.1504	2164774.9644	REQD_P_PESMT
DE12061	1426694.1227	2164782.2357	REQD_P_PESMT
DE12062	1426794.1685	2164770.6234	REQD_P_PESMT
DE12063	1426944.1829	2164767.2049	REQD_P_PESMT
DE12064	1426944.1557	2164774.2049	REQD_P_PESMT

PROPERTY, R/W & EASEMENT COORDINATES

PT. NAME	NORTHING	EASTING	STYLE
DE12065	1427064.1548	2164774.6701	REQD_P_TESMT
DE12066	1427064.1820	2164767.6701	REQD_P_TESMT
DE12067	1427114.6412	2164767.8657	REQD_P_TESMT
DE12069	1427214.5209	2164760.0496	REQD_P_TESMT
DE12070	1427334.5195	2164759.4546	REQD_P_TESMT
DE12071	1427344.5441	2164764.4050	REQD_P_TESMT
DE12072	1427392.8977	2164759.8238	REQD_P_TESMT
DE12073	1427394.5633	2164768.1571	REQD_P_TESMT
DE12074	1427488.1174	2164755.6931	REQD_P_TESMT
DE12075	1427584.2644	2164753.7020	REQD_P_TESMT
DE12076	1427584.2573	2164756.4277	REQD_P_TESMT
DE12077	1427622.5226	2164756.5271	REQD_P_TESMT
DE12078	1427742.0592	2164756.8378	REQD_P_TESMT
DE12079	1427850.5423	2164757.1198	REQD_P_TESMT
DE12080	1427880.3096	2164757.1972	REQD_P_TESMT
DE12081	1427986.2560	2164757.4726	REQD_P_TESMT
DE12085	1428033.2272	2164768.5947	REQD_P_TESMT
DE12086	1428114.4960	2164763.2870	REQD_P_TESMT
DE12087	1428232.8856	2164761.1137	REQD_P_TESMT
DE12088	1428568.0702	2164761.0055	REQD_P_TESMT
DE12089	1428571.9225	2164763.0011	REQD_P_TESMT
DE12092	1429351.1040	2164709.0670	REQD_P_TESMT
DE12093	1429399.7271	2164689.6237	REQD_P_TESMT
DE12094	1429447.0409	2164667.1815	REQD_P_TESMT
DE12095	1429494.9056	2164645.2656	REQD_P_TESMT
DE12096	1429537.0072	2164613.6619	REQD_P_TESMT
DE12097	1429618.8792	2164553.6394	REQD_P_TESMT
DE12098	1429759.2660	2164454.6454	REQD_P_TESMT
DE12100	1429868.7280	2164354.1271	REQD_P_TESMT
DE12101	1430007.9121	2164238.1286	REQD_P_TESMT
DE12102	1430008.8150	2164237.5088	REQD_P_TESMT
DE12103	1430048.0256	2164210.5956	REQD_P_TESMT
DE12104	1430129.0071	2164156.9652	REQD_P_TESMT
DE12105	1430170.9844	2164132.5248	REQD_P_TESMT
DE12106	1430213.8705	2164109.7166	REQD_P_TESMT
DE12107	1430302.4353	2164085.2465	REQD_P_TESMT
DE12108	1432361.4750	2163305.5718	REQD_P_TESMT
DE12109	1432405.3026	2163294.7427	REQD_P_TESMT
DE12110	1432440.4636	2163294.7137	REQD_P_TESMT
DE12111	1432471.4593	2163310.5402	REQD_P_TESMT
DE12112	1432488.9107	2163326.9248	REQD_P_TESMT
DE12113	1432515.4358	2163345.6883	REQD_P_TESMT
DE12114	1432554.8616	2163354.9633	REQD_P_TESMT
DE12115	1432579.8422	2163355.1771	REQD_P_TESMT
DE12116	1432638.8846	2163333.0177	REQD_P_TESMT
DE12117	1424877.2666	2166054.9466	REQD_P_TESMT
DE12118	1429969.2834	2164269.0069	REQD_P_TESMT
DE12119	1430088.0006	2164183.0016	REQD_P_TESMT
DE12164	1425354.4645	2166065.6250	REQD_P_TESMT
DE12165	1425408.1463	2166061.1226	REQD_P_TESMT
DE12166	1425408.2612	2166064.4230	REQD_P_TESMT
DE12167	1425592.5040	2165999.3462	REQD_P_TESMT
DE12170	1426607.1350	2164778.8984	REQD_P_TESMT
DE12175	1429875.4282	2164361.1957	REQD_P_TESMT
DE12176	1428770.3771	2164756.7735	REQD_P_TESMT
DE12177	1428834.3788	2164758.2001	REQD_P_TESMT
DE12178	1428890.3781	2164757.6359	REQD_P_TESMT
DE12179	1428114.0727	2164760.8048	REQD_P_TESMT
DE12180	1428044.2480	2164760.6233	REQD_P_TESMT
DE12181	1428572.2551	2164761.0007	REQD_P_TESMT
DE12182	1428680.8547	2164760.8762	REQD_P_TESMT
DE12192	1429752.9978	2164446.8538	REQD_P_TESMT
DE12194	1424437.8905	2166056.5187	REQD_P_TESMT
DE12195	1424392.9483	2166069.7170	REQD_P_TESMT
DE12196	1429537.0072	2164613.6619	REQD_P_TESMT
DE12197	1429618.8792	2164553.6394	REQD_P_TESMT
DE12198	1429761.1464	2164456.9829	REQD_P_TESMT
DE12199	1429816.5846	2164398.2666	REQD_P_TESMT
DE13000	1423865.2404	2166056.1593	REQD_P_DWESMT
DE13001	1423865.3507	2166064.1586	REQD_P_DWESMT
DE13002	1423898.3476	2166063.7035	REQD_P_DWESMT
DE13003	1423898.2372	2166055.7042	REQD_P_DWESMT
DE13004	1424202.9002	2166059.2394	REQD_P_DWESMT
DE13005	1424207.9774	2166076.5330	REQD_P_DWESMT
DE13006	1424239.9785	2166076.3918	REQD_P_DWESMT
DE13007	1424248.9340	2166066.7838	REQD_P_DWESMT
DE13010	1424726.4718	2166055.7406	REQD_P_DWESMT
DE13011	1424726.3990	2166068.7404	REQD_P_DWESMT
DE13012	1424758.3985	2166068.9197	REQD_P_DWESMT
DE13014	1424822.4311	2166063.2784	REQD_P_DWESMT
DE13016	1424856.0237	2166063.5358	REQD_P_DWESMT
DE13017	1424987.9777	2166138.7170	REQD_P_DWESMT
DE13018	1425021.6748	2166139.5526	REQD_P_DWESMT
DE13019	1425049.4766	2166067.2196	REQD_P_DWESMT
DE13020	1425170.4711	2166059.8844	REQD_P_DWESMT
DE13021	1425169.9446	2166076.8762	REQD_P_DWESMT
DE13022	1425203.3624	2166063.9049	REQD_P_DWESMT
DE13023	1425202.9288	2166077.8982	REQD_P_DWESMT
DE13024	1425238.1907	2166069.9864	REQD_P_DWESMT
DE13025	1425237.7572	2166083.9797	REQD_P_DWESMT
DE13026	1425270.1754	2166070.9774	REQD_P_DWESMT
DE13027	1425269.7418	2166084.9706	REQD_P_DWESMT

PROPERTY, R/W & EASEMENT COORDINATES

PT. NAME	NORTHING	EASTING	STYLE
DE13028	1426561.1722	2164769.2077	REQD_P_DWESMT
DE13029	1426561.0578	2164798.7200	REQD_P_DWESMT
DE13030	1426607.1563	2164773.4110	REQD_P_DWESMT
DE13031	1426607.0575	2164798.8983	REQD_P_DWESMT
DE13036	1429627.4306	2164548.3810	REQD_P_DWESMT
DE13038	1429671.6020	2164521.1643	REQD_P_DWESMT
DE13039	1429686.7211	2164539.9580	REQD_P_DWESMT
DE13040	1429774.6143	2164470.5334	REQD_P_DWESMT
DE13041	1429796.4309	2164452.9825	REQD_P_DWESMT
DE13043	1429844.9741	2164385.6953	REQD_P_DWESMT
DE13044	1429858.7641	2164402.8369	REQD_P_DWESMT
DE13045	1429872.2448	2164363.7566	REQD_P_DWESMT
DE13046	1429886.0349	2164380.8982	REQD_P_DWESMT
DE13047	1429879.9546	2164344.6238	REQD_P_DWESMT
DE13048	1429890.6575	2164357.9280	REQD_P_DWESMT
DE13049	1429911.2578	2164318.1256	REQD_P_DWESMT
DE13050	1429922.6033	2164332.2284	REQD_P_DWESMT
DE13051	1430064.8155	2164199.0059	REQD_P_DWESMT
DE13052	1430072.6742	2164210.3161	REQD_P_DWESMT
DE13053	1430090.4615	2164181.4391	REQD_P_DWESMT
DE13054	1430098.1357	2164193.0854	REQD_P_DWESMT
DE13055	1431952.1002	2163488.8834	REQD_P_DWESMT
DE13056	1431957.8255	2163502.3940	REQD_P_DWESMT
DE13057	1431993.3900	2163470.9870	REQD_P_DWESMT
DE13058	1431999.2588	2163484.8359	REQD_P_DWESMT
DE13071	1429735.4340	2164477.6680	REQD_P_DWESMT
DE13072	1429782.6409	2164435.8409	REQD_P_DWESMT
DE13073	1423767.3187	2166062.5104	REQD_P_DWESMT
DE13074	1423739.6523	2166086.8942	REQD_P_DWESMT
DE13075	1423695.8437	2166087.5119	REQD_P_DWESMT
DE13077	1429415.3007	2164725.2945	REQD_P_DWESMT

CHEATHAM HILL RD

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	SEE REVISION SUMMARY SHEET		
9-20-2019	SEE REVISION SUMMARY SHEET		
3-30-2020	PARCELS 37, 42, 43 & 44: SEE REVISION SUMMARY SHEET		
5-15-2020	SEE REVISION SUMMARY SHEET		
6-19-2020	SEE REVISION SUMMARY SHEET		
6-24-2020	SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

DATE 11-15-18 SH 24F OF 42

DRAWING No. 60-0024F

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY GEORGIA 1832

N/F
KEVIN E. &
PATRICIA A. REA
234 MEADOW PATH DR
PID: 20031700720
D.B. 14747, PG. 1831
P.B. 271, PG. 169

PI Sta= 203+85.71
N= 1435409.4885
E= 2163927.1514
DELTA= 0°24'54.1" (RT)

ORANGE BARRIER FENCE

N/F
AARON M. & ALICEN M. SIBLY
235 MEADOW PATH DR
PID: 20032701010
D.B. 14178, PG. 5325
P.B. 236, PG. 43

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

END EXCEPTION #1
KENNESAW MOUNTAIN TRAIL
S.R. 120/ WHITLOCK AVE.
STA 200+33.61
N 1435432.1980
E 2163575.7908

END EXCEPTION #1
BEGIN R/W ACQUISITION
S.R. 120/ WHITLOCK AVE.
STA 200+52.21
N 1435430.9986
E 2163594.3477

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010

SLCD2 (REBAR)
STA. 202+92.12
27.16' LT
N 1435442.629
E 2163835.502
EL 1089.26

PROPOSED MAST ARM BY OTHERS
(PI# 0013229)

EXIST R/W

200+00 201+00 202+00 203+00 204+00

END STAMPED CONCRETE
STA. 202+77.81
15.95' RT
STA. 202+77.82
18.45' RT

E.O.P.

BEGIN ORN FENCE
STA. 202+07.30
30.95' RT

P.I. 203+85.71

STA. 200+52.21
37.82' RT
145

STA. 200+52.82
52.00' RT
DE11040

S86°18'07.0"E

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

S85°53'12.9"E

R=35'
STA. 202+82.16
18.71' RT
STA. 202+96.91
20.50' RT

R=50'
STA. 203+03.11
20.87' RT

R=62'

TYPE D

10' TRAIL

18"

BEGIN ORN FENCE
STA. 200+89.47
31.31' RT

BEGIN STAMPED CONCRETE
STA. 200+80.88
18.16' RT

STA. 200+94.76
13.81' RT

BEGIN SHARED USE TRAIL
STA. 200+55.82
30.89' RT

CLASS B CONCRETE
WIDENING TINTED
BLACK

BEGIN CURB AND GUTTER
8"X30", TP 2
STA. 200+33.61
76.93' RT

END ORN FENCE
STA. 201+24.47
31.31' RT

STA. 202+00.00
51.00' RT
DE11041

STA. 202+86.00
51.00' RT
DE11042

STA. 202+86.00
63.00' RT
DE11043

STA. 203+00.00
68.00' RT
DE11044

STA. 204+00.00
82.00' RT
DE11045

STA. 204+50.00
80.00' RT
DE11046

ESA - RESOURCE 5

SPECIAL USE PERMIT AREA 1

45
N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010
SEE SHEETS 26, 27 & 29A

SLCD1 (PK NAIL)
STA. (STATION)
(OFFSET)
N 1435411.557
E 2163486.164
EL 1077.41

JOHN WARD RD SW

PROPOSED INTERSECTION IMPROVEMENT
PROJECT BY OTHERS (PI# 0013229)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

MATCH LINE STA. 204+50

DRAWING No. 60-0026

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 32
LAND DISTRICT: 19
DATE 11-15-18 SH 25 OF 42

DRAWING No.
60-0025

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

205+00 206+00 207+00 208+00 209+00 210+00

DRAWING No. 60-0025

DRAWING No. 60-0027

EXIST R/W

CURB AND GUTTER
8"X30", TP 2

STA. 205+96.89
21.10' RT

R=50'

STA. 206+03.09
20.69' RT

STA. 206+17.84
18.80' RT

R=35'

STA. 206+22.18
18.52' RT

E.O.P.

S85°53'12.9"E

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

10' TRAIL

MATCH LINE STA. 204+50

MATCH LINE STA. 210+00

BEGIN STAMPED CONCRETE
STA. 206+22.17
16.02' RT

STA. 206+25.00
56.00' RT
DE11047

SLCD3 (REBAR)
STA. 206+97.87
17.10' RT
N 1435370.038
E 2164237.283
EL 1091.84

STA. 208+00.00
51.00' RT
DE11049

STA. 208+00.00
56.00' RT
DE11048

SPECIAL USE PERMIT AREA I

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

45

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
JOHN WARD RD
PID: 19003200010
SEE SHEETS 25, 27 & 29A

ORANGE BARRIER FENCE

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 32
LAND DISTRICT: 19
DATE 11-15-18 SH 26 OF 42

DRAWING No.
60-0026

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

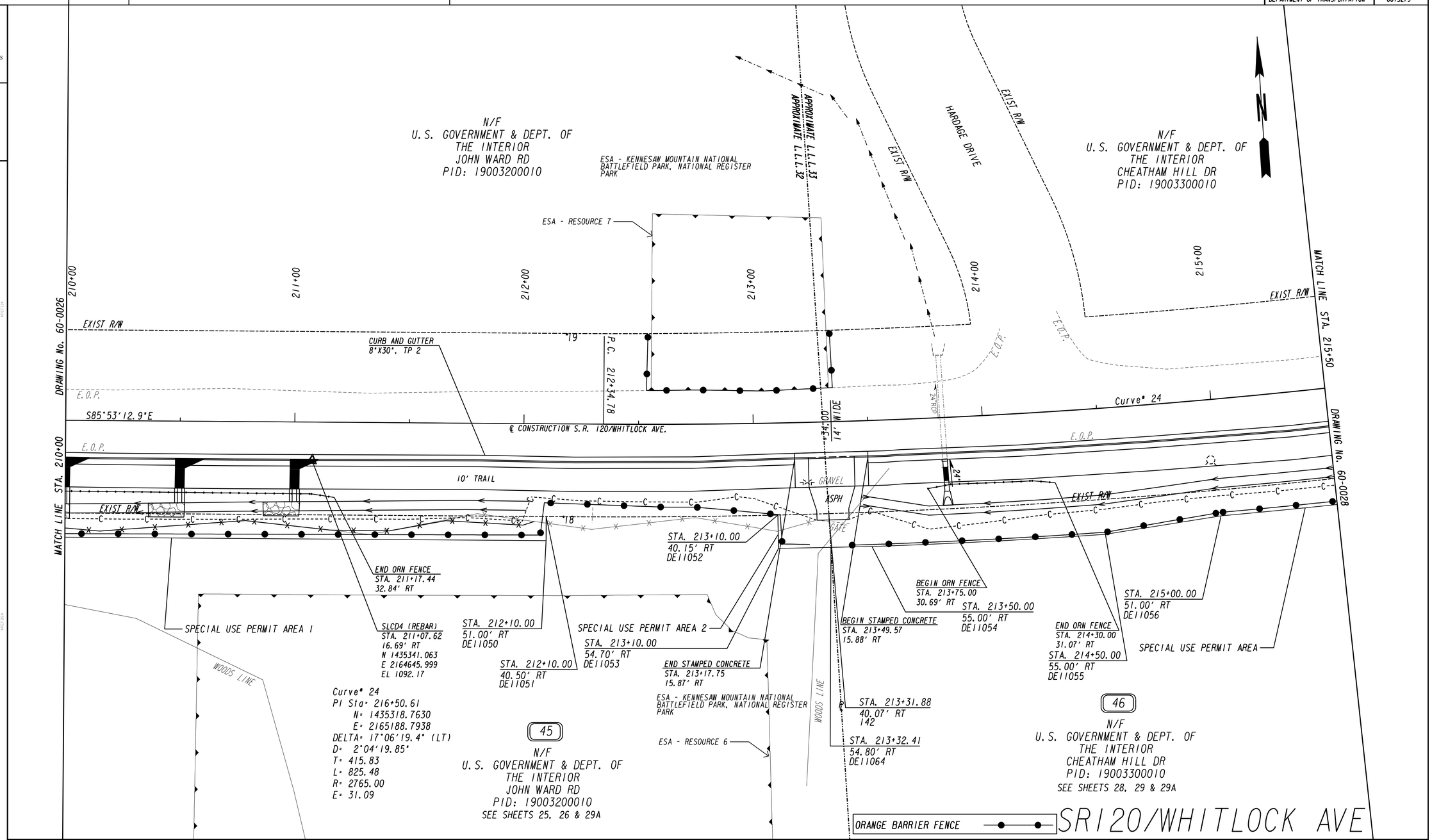
$PRF8$

J:\2017030\0015279\DGN\0015279_60-0027_(SR120).dgn
GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 32 & 33
LAND DISTRICT: 19

DATE 11-15-18 SH 27 OF 42

DRAWING No.
60-0027

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

$PRF8$

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
CHEATHAM HILL DR
PID: 19003300010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N

DRAWING No. 60-0027

216+00

217+00

218+00

219+00

220+00

00+122

MATCH LINE STA. 215+50

MATCH LINE STA. 221+00

DRAWING No. 60-0029

SLCD5 (REBAR)
STA. 215+90.45
16.99' LT
N 1435362.897
E 2165128.485
EL 1095.13

END STAMPED CONCRETE
STA. 217+27.90
16.10' RT

STA. 217+27.91
18.60' RT

R=35'
STA. 217+32.21
18.85' RT

STA. 217+46.95
20.70' RT

R=50'
STA. 217+53.08
21.11' RT

CURB AND GUTTER
8"X30", TP 2

P.T. 220+60.26

N77°00'27.8"E

E.O.P.

℄ CONSTRUCTION S.R. 120/WHITLOCK AVE.

Curve# 24

10' TRAIL

STA. 217+00.00
51.00' RT
DE11057

BEGIN ORN FENCE
STA. 217+34.00
31.67' RT

STA. 217+50.00
59.00' RT
DE11058

SPECIAL USE PERMIT AREA

END ORN FENCE
STA. 219+10.00
33.56' RT

BEGIN ORN FENCE
STA. 220+35.00
33.76' RT

SLCD6 (REBAR)
STA. 220+55.22
17.52' RT
N 1435394.040
E 2165592.981
EL 1113.06

STA. 220+60.26
59.00' RT
DE11059

STA. 220+78.80
40.94' RT
149

Curve# 24
PI Sta= 216+50.61
N= 1435318.7630
E= 2165188.7938
DELTA= 17°06'19.4" (LT)
D= 2°04'19.85"
T= 415.83
L= 825.48
R= 2765.00
E= 31.09

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

46
N/F
U.S. GOVERNMENT & DEPT. OF
THE INTERIOR
CHEATHAM HILL DR
PID: 19003300010
SEE SHEETS 27, 29 & 29A

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

ORANGE BARRIER FENCE

SR120/WHITLOCK AVE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 33
LAND DISTRICT: 19

DATE 11-15-18 SH 28 OF 42

DRAWING No.
60-0028

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

$PRF8$

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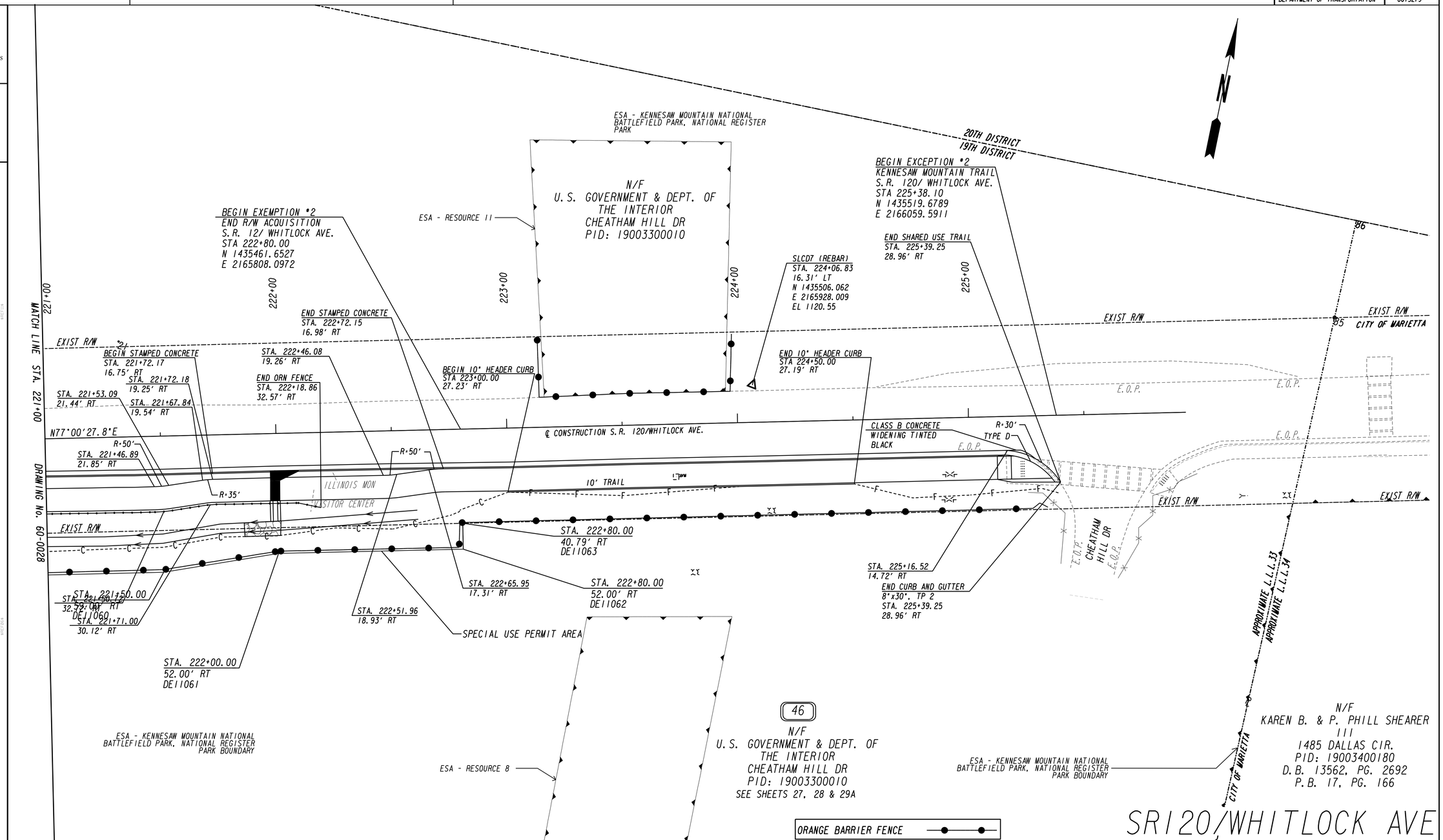
GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 33 & 34
LAND DISTRICT: 19

DATE 11-15-18 SH 29 OF 42

DRAWING No.
60-0029

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

****
Parcel 45 Special Use Permit Area (1/2) DE11004 SEE SHT. 25, 26 & 27
****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
145	37.82	R	200+52.21	SR 120
	1157.50		S 85°52'25.8" E	
DE11051	40.50	R	212+10.00	SR 120
	10.50		S 4°06'47.1" W	
DE11050	51.00	R	212+10.00	SR 120
	410.00		N 85°53'12.9" W	
DE11049	51.00	R	208+00.00	SR 120
	5.00		S 4°06'47.1" W	
DE11048	56.00	R	208+00.00	SR 120
	175.00		N 85°53'12.9" W	
DE11047	56.00	R	206+25.00	SR 120
	176.64		S 86°18'14.8" W	
DE11046	80.00	R	204+50.00	SR 120
	50.04		N 88°10'39.1" W	
DE11045	82.00	R	204+00.00	SR 120
	100.40		N 78°13'40.9" W	
DE11044	68.00	R	203+00.00	SR 120
	14.87		N 66°38'53.2" W	
DE11043	63.00	R	202+86.00	SR 120
	12.00		N 3°41'53.0" E	
DE11042	51.00	R	202+86.00	SR 120
	86.00		N 86°18'07.0" W	
DE11041	51.00	R	202+00.00	SR 120
	147.18		N 86°41'28.4" W	
DE11040	52.00	R	200+52.82	SR 120
	14.20		N 1°14'21.8" E	
145	37.82	R	200+52.21	SR 120

REQD EASMT = 20729.80 SF
REQD EASMT = 0.476 ACRES

****
Parcel 45 Special Use Permit Area (2/2) DE11005 SEE SHT. 25, 26 & 27
****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE11052	40.15	R	213+10.00	SR 120

ARC LENGTH = 22.20
CHORD BEAR = S 87°52'34.1" E
LNTH CHORD = 22.20
RADIUS = 2904.79
DEGREE = 1°58'20.9"

142	40.07	R	213+31.88	SR 120
	14.74		S 0°00'00.0" W	
DE11064	54.80	R	213+32.41	SR 120
	22.86		N 87°26'44.1" W	
DE11053	54.70	R	213+10.00	SR 120
	14.55		N 2°33'10.4" E	
DE11052	40.15	R	213+10.00	SR 120

REQD EASMT = 329.50 SF
REQD EASMT = 0.008 ACRES

****
Total Special Use Permit Area Parcel 45 SEE SHT. 25, 26 & 27
****

EASMT 1= 0.476 ACRES
EASMT 2= 0.008 ACRES

TOTAL = 0.484 ACRES
REMAINDER = +/- 30 ACRES

****
Parcel 46 Special Use Permit Area DE11006 SEE SHT. 27, 28 & 29
****

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
142	40.07	R	213+31.88	SR 120

ARC LENGTH = 757.43
CHORD BEAR = N 84°26'05.5" E
LNTH CHORD = 755.29
RADIUS = 2904.79
DEGREE = 1°58'20.9"

149	40.94	R	220+78.80	SR 120
	201.20		N 76°57'53.4" E	
DE11063	40.79	R	222+80.00	SR 120
	11.21		S 12°59'32.2" E	
DE11062	52.00	R	222+80.00	SR 120
	80.00		S 77°00'27.8" W	
DE11061	52.00	R	222+00.00	SR 120
	50.49		S 69°02'17.2" W	
DE11060	59.00	R	221+50.00	SR 120
	89.74		S 77°00'27.8" W	
DE11059	59.00	R	220+60.26	SR 120

ARC LENGTH = 316.88
CHORD BEAR = S 80°13'20.2" W
LNTH CHORD = 316.71
RADIUS = 2824.00
DEGREE = 2°01'44.0"

DE11058	59.00	R	217+50.00	SR 120
	51.62		N 87°07'46.3" W	
DE11057	51.00	R	217+00.00	SR 120

ARC LENGTH = 203.69
CHORD BEAR = S 86°32'42.3" W
LNTH CHORD = 203.64
RADIUS = 2816.00
DEGREE = 2°02'04.7"

DE11056	51.00	R	215+00.00	SR 120
	51.11		S 84°38'49.9" W	
DE11055	55.00	R	214+50.00	SR 120

ARC LENGTH = 101.99
CHORD BEAR = N 89°18'38.0" W
LNTH CHORD = 101.98
RADIUS = 2820.00
DEGREE = 2°01'54.4"

DE11054	55.00	R	213+50.00	SR 120
	17.94		N 87°26'44.1" W	
DE11064	54.80	R	213+32.41	SR 120
	14.74		N 0°00'00.0" E	
142	40.07	R	213+31.88	SR 120

REQD EASMT = 14754.12 SF
REQD EASMT = 0.339 ACRES
REMAINDER = +/- 31 ACRES

PROPERTY, R/W & EASEMENT COORDINATES

PT. NAME	NORTHING	EASTING	STYLE
142	1435303.2819	2164869.5194	PROP_E_PPC
145	1435393.2604	2163591.9086	PROP_E_PPC
149	1435376.5277	2165621.2483	PROP_E_PPC
DE11039	1431704.2143	2163591.1903	READ_P_PESWT
DE11040	1435379.0676	2163591.6016	READ_P_PESWT
DE11041	1435370.5728	2163738.5365	READ_P_PESWT
DE11042	1435365.0155	2163824.5242	READ_P_PESWT
DE11043	1435353.0510	2163823.5834	READ_P_PESWT
DE11044	1435347.1584	2163837.2318	READ_P_PESWT
DE11045	1435326.6749	2163935.5209	READ_P_PESWT
DE11046	1435325.0835	2163985.5356	READ_P_PESWT
DE11047	1435336.4697	2164161.8063	READ_P_PESWT
DE11048	1435323.9178	2164336.3555	READ_P_PESWT
DE11049	1435328.9049	2164336.7142	READ_P_PESWT
DE11050	1435299.4975	2164745.6582	READ_P_PESWT
DE11051	1435309.9745	2164746.4264	READ_P_PESWT
DE11052	1435304.1046	2164847.3333	READ_P_PESWT
DE11053	1435289.5641	2164846.6850	READ_P_PESWT
DE11054	1435287.7460	2164887.4384	READ_P_PESWT
DE11055	1435286.5188	2164989.4146	READ_P_PESWT
DE11056	1435291.2872	2165040.3061	READ_P_PESWT
DE11057	1435303.5595	2165243.5806	READ_P_PESWT
DE11058	1435300.9745	2165295.1333	READ_P_PESWT
DE11059	1435354.7607	2165607.2450	READ_P_PESWT
DE11060	1435374.9365	2165694.6895	READ_P_PESWT
DE11061	1435392.9982	2165741.8358	READ_P_PESWT
DE11062	1435410.9838	2165819.7878	READ_P_PESWT
DE11063	1435421.9089	2165817.2671	READ_P_PESWT
DE11064	1435288.5454	2164869.5194	READ_P_PESWT

SR120/WHITLOCK AVE

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

DATE 11-15-18 SH 29A OF 42

DRAWING No. 60-0029A

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

$PRF8$

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY GEORGIA 1832

Curve* 25
PI Sta= 300+43.75
N= 1437994.6673
E= 2171763.9385
DELTA= 29°14'43.5" (LT)
D= 22°55'05.92"
T= 65.23
L= 127.61
R= 250.00
E= 8.37

END EXCEPTION *2
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 300+12.23
N 1437962.9784
E 2171763.0912

END EXCEPTION *2
BEGIN R/W ACQUISITION
BURNT HICKORY RD.
STA 300+25.04
N 1437975.5200
E 2171760.4787

N/F
BMR REALTY LLC
940 WHITLOCK AVE NW
PID: 16122400520
D.B. 15128, PG. 6427

N/F
HAYLEY REDD LP
1000 WHITLOCK AVE
PID: 20032300030
D.B. 9817, PG. 411

20TH DISTRICT
16TH DISTRICT

APPROXIMATE L.L.L.323
APPROXIMATE L.L.L.1224

EXIST R/W

POB 299+51.08
299+51
P.C. 299+78.52
N02°34'23.7"W
300+00
301+00
302+00
303+00
304+00

STA. 301+10.00
40.89' RT
DE10146 &
46.00' RT
DE10147

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 301+27.55
24.00' RT
TIE TO EXISTING

APPROXIMATE L.L.L.1225
APPROXIMATE L.L.L.1224

P.T. 301+06.15

STA. 302+25.26
52.00' RT
DE12206

STA. 302+33.00
40.00' RT
DE10008 &
43.00' RT
DE10151

SLCD19 (REBAR)
STA. 303+89.10
27.27' RT
N 1438304.921
E 2171603.528
EL 1071.10

℄ CONSTRUCTION BURNT HICKORY RD.
N31°49'07.2"W

BEGIN SHARED USE TRAIL
STA 300+12.23
40.06' RT
TIE TO EXISTING

STA. 300+25.04
57.42' RT
DE12120

STA. 300+39.10
44.68' RT
DE12169

STA. 301+29.78
40.00' RT
408

STA. 301+29.80
46.00' RT R = 25'
DE12128
TEMP EASM'T 1

TYPE B
R = 34'

TYPE D

STA. 302+81.94
47.00' RT
DE12207

BEGIN FENCE
REPLACE IN KIND
STA. 303+07.91
44.76' RT

STA. 303+85.00
40.00' RT
DE10149 &
43.00' RT
DE10150

DRAWING No. 60-0031

MATCH LINE STA. 304+00

WHITLOCK AVE / SR 120

8' TRAIL
10' TRAIL
18"RCP
24"RCP
36"RCP
48"RCP
54"CMP
15"RCP

EXIST R/W
RETAINING WALL
WALL

STA. 300+32.00
55.00' RT
DE12121

47
N/F
RACETRAC
PETROLEUM INC &
C/O SILVER OAKS
ADVISORS
900 WHITLOCK AVE
PID: 16122400200
D.B. 15414, PG. 859
SEE SHEET 42A

STA. 300+38.00
51.91' RT
DE12122

STA. 300+52.00
49.00' RT
DE12124

BEGIN TAPER
STA. 300+57.25
39.67' RT

STA. 300+75.00
43.75' RT
DE12125

END TAPER
STA. 300+74.08
38.32' RT

STA. 300+70.44
41.59' RT
204

STA. 301+00.00
46.00' RT
DE12126

STA. 301+50.00
46.00' RT
DE12129

STA. 301+06.13
46.00' RT
DE12127

STA. 301+95.00
40.00' RT
DE12131

END CURB AND GUTTER
8"X24", TP 2
STA. 301+52.12
37.22' RT
TIE TO EXISTING

STA. 301+95.00
52.00' RT
DE12132

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 301+91.06
38.75' RT
STA. 40.00 TIE TO EXISTING
DE12130

STA. 302+57.21
38.73' RT

STA. 303+06.17
38.81' RT

TEMP EASM'T 2

BEGIN WALL 5
STA. 302+38.00
GA STD 9031L
38.91' RT

END CURB AND GUTTER
8"X24", TP 2
STA. 302+08.28
23.97' RT
TIE TO EXISTING

"EXISTING DETENTION POND"

END WALL 5
STA. 303+80.00
GA STD 9031L
38.36' RT

STA. 303+59.42
38.21' RT

END FENCE
REPLACE IN KIND
STA. 303+60.78
44.74' RT

STA. 303+89.58
26.47' RT

PROPOSED USTs
+/- 160'

48
N/F
RACETRAC PETROLEUM INC &
C/O SILVER OAKS ADVISORS
900 WHITLOCK AVE
PID: 16122400560
D.B. 15414, PG. 859 SEE SHEETS 31 & 42A

N/F
ASPIRE OF MARIETTA LLC
920 BURNT HICKORY RD
PID: 16122400190
D.B. 15134, PG. 1424
P.B. 3, PG. 46

ORANGE BARRIER FENCE

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCEL 47: SEE REVISION SUMMARY SHEET		
5-15-2020	PARCEL 48: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 1224
LAND DISTRICT: 16

DATE 11-15-18 SH 30 OF 42

DRAWING No.
60-0030

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Linebback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY GEORGIA 1832

N/F
HAYLEY REDD LP
1000 WHITLOCK AVE
PID: 20032300030
D.B. 9817, PG. 411

N/F
THE CAR WASH DEPOT II LLC
1000 WHITLOCK AVE
PID: 20032300480
D.B. 13821, PG. 3990

N/F
HAYLEY REDD LP
1000 WHITLOCK AVE
PID: 20032300030
D.B. 9817, PG. 411

N/F
UCB METRO PROPERTIES INC
1001 POLK ST
PID: 20032300470
D.B. 14544, PG. 618

DRAWING No. 60-0030

MATCH LINE STA. 304+00

EXIST R/W

304+00

305+00

306+00

307+00

308+00

309+00

36" RCP

24" RCP

18" RCP

N31°49'07.2"W

Curve# 26

P.C. 304+02.33

P.T. 305+09.21

℄ CONSTRUCTION BURNT HICKORY RD.

N23°39'14.1"W

P.C. 307+38.41

Curve# 27

10' EXIST TRAIL

EXIST R/W
END SHARED USE TRAIL
STA. 304+04.63
29.15' RT
TIE TO EXIST.

STA. 304+13.07
40.00' RT
DE12134

STA. 304+13.07
47.00' RT
DE12133

STA. 304+02.33
40.00' RT
195

48

N/F
RACETRAC PETROLEUM INC &
C/O SILVER OAKS ADVISORS
900 WHITLOCK AVE
PID: 16122400560
D.B. 15414, PG. 859
SEE SHEETS 30 & 42A

Curve# 26
PI Sta= 304+55.86
N= 1438347.2652
E= 2171545.1594
DELTA= 8°09'53.1" (RT)
D= 7°38'21.97"
T= 53.53
L= 106.88
R= 750.00
E= 1.91

N/F
ASPIRE OF MARIETTA LLC
920 BURNT HICKORY RD
PID: 16122400190
D.B. 15134, PG. 1424
P.B. 3, PG. 46

SLCD18 (REBAR)
STA. 307+78.56
28.24' RT
N 1438655.565
E 2171439.293
EL 1086.99

Curve# 27
PI Sta= 308+63.27
N= 1438720.6161
E= 2171381.6278
DELTA= 25°13'34.4" (LT)
D= 10°16'05.02"
T= 124.86
L= 245.68
R= 558.00
E= 13.80

APPROXIMATE L.L.L. 323
APPROXIMATE L.L.L. 1224

20TH DISTRICT
16TH DISTRICT

MATCH LINE STA. 309+50

DRAWING No. 60-0032

ORANGE BARRIER FENCE

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
5-15-2020	PARCEL 48: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 323 & 1224
LAND DISTRICT: 16 & 20
DATE 11-15-18 SH 31 OF 42

DRAWING No.
60-0031

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

50
N/F
THE THOMAS GROUP-CROSSING, INC
BURNT HICKORY CIRCLE
D.B. 13475, PG. 3640
SEE SHEET 42A

51
N/F
CASA GROUP LLC
1001 BURNT HICKORY RD
PID: 20032300430
D.B. 13313, PG. 4848
SEE SHEETS 33, 34 & 42A

TIE TO EXIST. 5' SIDEWALK, STA 310+27.89
BEGIN SHARED USE TRAIL
STA. 310+31.04
61.22' LT
TIE TO EXIST.

STA. 310+37.86
85.45' LT
DE12204

STA. 310+37.39
STA 9380+34.47
732.25' LT

BEGIN CURB AND GUTTER
8"X24", TP 2
STA. 310+24.40
91.04' LT
TIE TO EXISTING

BEGIN ORN FENCE
STA. 310+45.22
39.32' LT

BEGIN WALL 4
GA STD 9031L
STA 310+45.50
69.72' LT

STA. 310+66.60
31.24' LT

STA. 310+87.00
47.79' LT
DE10148

STA. 310+90.00
52.00' LT
DE12205

END WALL 4
GA STD 9031L
STA 310+97.52
38.93' LT

STA. 313+13.22
64.00' LT
DE12143

STA. 313+07.53
39.98' LT
421

STA. 313+00.00
64.00' LT
DE12189

STA. 312+30.00
52.00' LT
DE12188

END ORN FENCE
STA. 311+10.00
37.59' LT

TEMP EASM'T 1
STA. 313+50.00
64.00' LT
DE12190

SLCD16 (REBAR)
STA. 314+23.54
17.92' LT
N 1439078.740
E 2170944.831
EL 1119.15

STA. 315+00.00
52.00' LT
DE12137

STA. 315+00.00
39.20' LT
DE12138

STA. 314+60.00
52.00' LT
DE12191

END TAPER
STA. 314+91.00
13.21' LT

BEGIN TAPER
STA. 314+49.99
11.44' LT

P.I. 313+92.35

STA. 310+66.96
40.38' LT

STA. 310+87.37
40.27' LT

STA. 310+66.23
41.20' LT

STA. 310+74.14
48.25' LT
439

STA. 310+56.14
48.60' LT

STA. 310+82.56
31.12' LT

STA. 311+62.70
10.43' LT

STA. 311+70.45
12.42' LT

STA. 311+71.48
22.42' LT

SLCD17 (REBAR)
STA. 311+02.17
29.13' RT
N 1438902.330
E 2171217.760
EL 1104.92

N/F
CITY OF MARIETTA
970 BURNT HICKORY RD NW
PID: 20032300020
D.B. 15213, PG. 6205
SEE SHEET 42A

N/F
HAROLD C.& MARILYN M. MAULDING
950 MOUNTAIN BROOK LN
PID: 20032300360
D.B. 14085, PG. 2479
P.B. 99, PG. 26

N/F
ROGER EDWARD WILK
940 MOUNTAIN BROOK LN
PID: 20032300370
D.B. 15219, PG. 1559
P.B. 77, PG. 32

Curve# 27
PI Sta= 308+63.27
N= 1438720.6161
E= 2171381.6278
DELTA= 25°13'34.4" (LT)
D= 10°16'05.02"
T= 124.86
L= 245.68
R= 558.00
E= 13.80

PI Sta= 313+92.35
N= 1439071.2215
E= 2170980.0023
DELTA= 0°50'08.3" (RT)

ORANGE BARRIER FENCE

POLK STREET EXT
POLK STREET
EXIST R/W
EXISTING POND
TYP. WALL 5
TYPE B
R=10'
R=55'
R=30'
18" CMP
18" RCP
RCD TRL
10' TRAIL
Curve# 27
P.T. 309+68.60
310+00
311+00
312+00
313+00
314+00
315+00
STA. 309+50
MATCH LINE STA. 309+50
DRAWING No. 60-0031
MATCH LINE STA. 315+00
DRAWING No. 60-0033
℄ CONSTRUCTION BURNT HICKORY RD.
N48°52'48.5"W
N48°02'40.2"W
BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 50 & 51: SEE REVISION SUMMARY SHEET		
12-17-2019	PARCELS 50 & 51: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 323
LAND DISTRICT: 20
DATE 11-15-18 SH 32 OF 42
DRAWING No. 60-0032

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

$PRF8$

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Linebback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

Curve* 28
PI Sta= 320+80.34
N= 1439531.1748
E= 2170468.3739
DELTA= 19°23'22.6" (RT)
D= 4°03'48.71"
T= 240.88
L= 477.16
R= 1410.00
E= 20.43

51
N/F
CASA GROUP LLC
1001 BURNT HICKORY RD
PID: 20032300430
D.B. 13313, PG. 4848
SEE SHEETS 32, 34 & 42A

APPROXIMATE L.L.L. 322
APPROXIMATE L.L.L. 323

STA. 320+20.00
44.00' LT
DE12150

END CURB AND GUTTER
8"X24", TP 2
STA. 319+03.51
15.66' LT
TIE TO EXIST.

STA. 319+50.00
55.00' LT
DE12148

STA. 319+75.00
55.00' LT
DE12149

TEMP EASM'T 2

STA. 317+75.00
47.00' LT
DE12145

STA. 318+39.45
47.00' LT
DE12146

STA. 318+44.08
12.27' LT

STA. 319+00.00
47.00' LT
DE12147

STA. 317+75.00
39.85' LT
DE12144

315+00 316+00 317+00 318+00 319+00 320+00 321+00

MATCH LINE STA. 315+00

EXIST R/W

10' TRAIL

18" RCP

N48°02'40.2"W

Curve* 28

℄ CONSTRUCTION BURNT HICKORY RD.

DRAWING No. 60-0032

DRAWING No. 60-0034

MATCH LINE STA. 321+00

STA. 318+39.45
40.00' LT
262

P.C. 318+39.45

SLCD15 (REBAR)
STA. 317+14.32
16.07' RT
N 1439298.427
E 2170751.308
EL 1096.82

SLCD14 (REBAR)
STA. 320+91.30
27.65' LT
N 1439537.339
E 2170454.367
EL 1062.71

MOUNTAIN BROOK CT

ORANGE BARRIER FENCE

N/F
MICHAEL & EVA D. HARP
930 MOUNTAIN BROOK LN
PID: 20032300380
D.B. 14855, PG. 1548
P.B. 77, PG. 32

N/F
ROGER EDWARD WILK
940 MOUNTAIN BROOK LN
PID: 20032300370
D.B. 15219, PG. 1559
P.B. 77, PG. 32

N/F
GEORGE J. & IRENE Y. BUSHEY
930 MOUNTAIN BROOK LN
PID: 20032300390
P.B. 77, PG. 32

N/F
TONY GENE & CARRA LEE HARRIS
910 MOUNTAIN BROOK LN
PID: 20032300400
D.B. 12293, PG. 119
P.B. 77, PG. 32

N/F
JAMES K. & ANNETTE H. PIERCE
176 MOUNTAIN BROOK CT
PID: 20032300410
D.B. 12293, PG. 119
P.B. 77, PG. 32

N/F
DALE R. & KATRINA M. BOWLES
175 MOUNTAIN BROOK CT
PID: 20032300060
D.B. 15358, PG. 3410
P.B. 77, PG. 32

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 51: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 323
LAND DISTRICT: 20

DATE 11-15-18 SH 33 OF 42

DRAWING No.
60-0033

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

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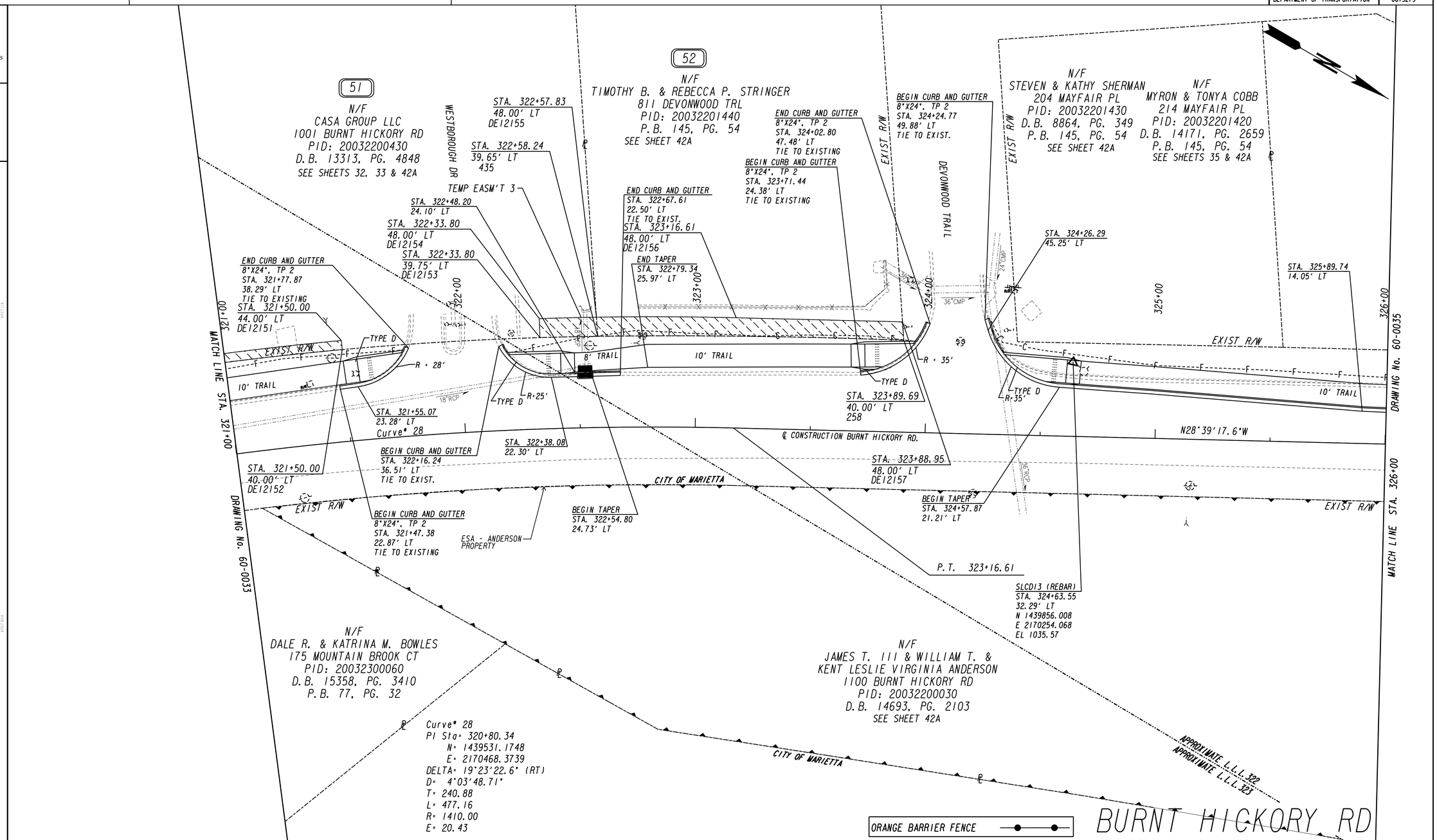
GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 53 & 54: SEE REVISION SUMMARY SHEET		
2-26-2020	PARCEL 56A: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 322 & 323
LAND DISTRICT: 20

DATE 11-15-18 SH 34 OF 42

DRAWING No.
60-0034

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

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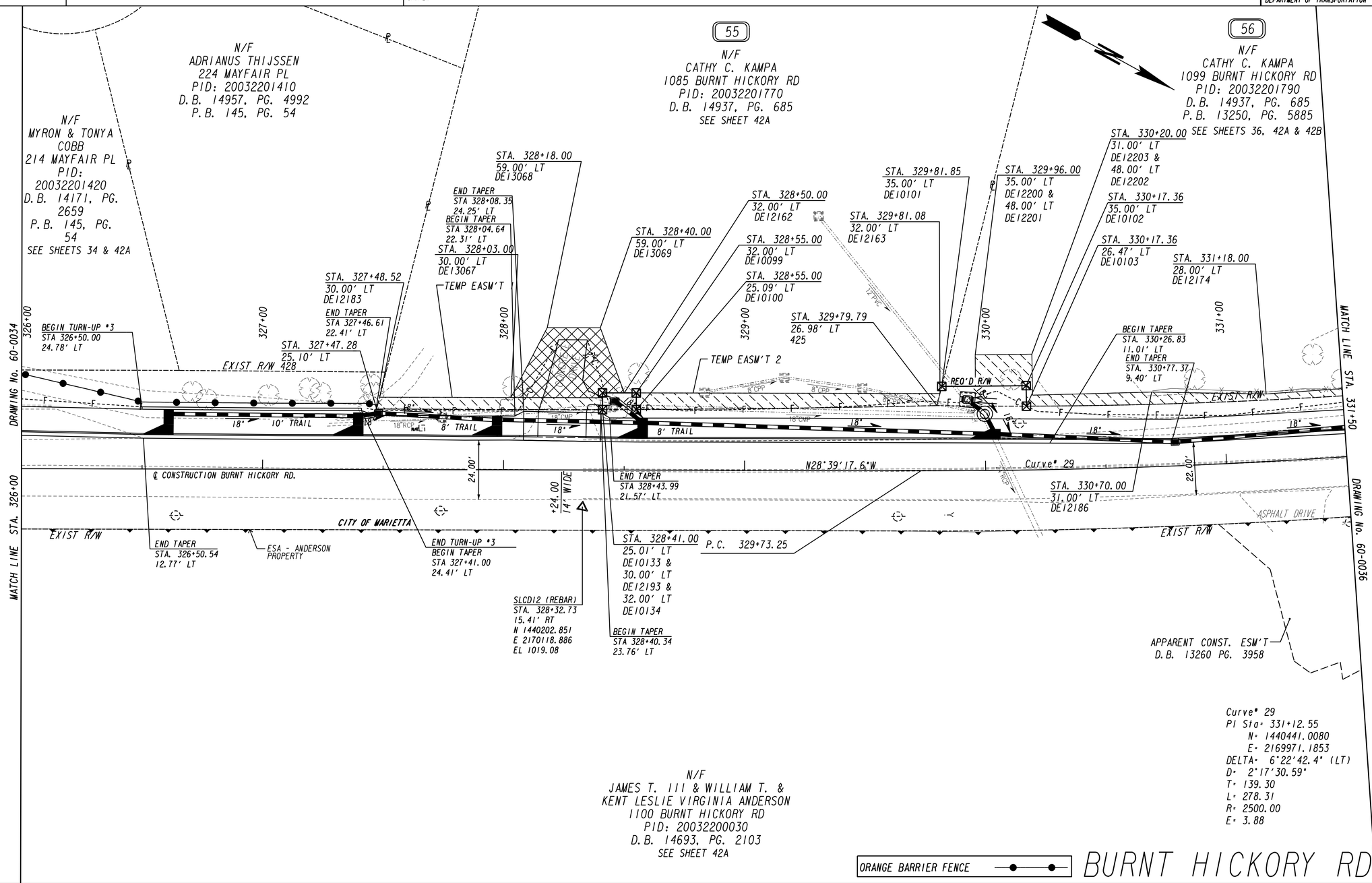
GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 55, 56 & 56A: SEE REVISION SUMMARY SHEET		
2-26-2020	PARCEL 56A: SEE REVISION SUMMARY SHEET		
7-6-2020	PARCEL 56A: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO: 0015279
COUNTY: COBB
LAND LOT NO: 322
LAND DISTRICT: 20

DATE 11-15-18 SH 35 OF 42

DRAWING No.
60-0035

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY
GEORGIA
1832

56
N/F
CATHY C. KAMPA
1099 BURNT HICKORY RD
PID: 20032201790
D.B. 14937, PG. 685
P.B. 13250, PG. 5885
SEE SHEETS 35, 42A & 42B

BEGIN "W" BEAM GUARDRAIL
GA STD. 4380
GA STD. 4383
TYPE I ANCHOR
STA 332+37.63

BEGIN TAPER
STA. 332+24.41
22.18' LT

END TAPER
STA. 332+02.22
22.81' LT

STA. 331+99.19
25.07' LT
DE12187

STA. 331+93.00
28.00' LT
DE12171

BEGIN TAPER
STA. 331+93.01
18.94' LT

STA. 332+35.37
69.44' LT
DE12173

STA. 332+33.77
70.00' LT
DE12172

DO NOT DISTURB CHAIN LINK FENCE

PERENNIAL STREAM 5
NOSES CREEK

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

APPARENT CONST. ESM'T
D.B. 13260 PG. 3960

STA. 332+63.08
29.00' LT
223

STA. 332+57.98
25.00' LT
222

TOP OF BANK
NOSES CREEK
TOP OF BANK

STA. 332+89.26
45.00' LT
DE11065

CITY OF MARIETTA

ASPHALT DRIVE

332+00
333+00
334+00
335+00
336+00
337+00

END "W" BEAM GUARDRAIL
GA STD. 4380
GA STD. 4384
TYPE 12A ANCHOR
STA 332+95.78

SPECIAL USE PERMIT AREA

BEGIN ORN FENCE
STA. 333+50.00
23.35' LT

STA. 333+75.00
39.00' LT
DE11070

END ORN FENCE
STA. 334+05.00
24.28' LT

STA. 334+50.00
31.00' LT
DE11071

BEGIN TRAIL TAPER
STA. 334+50.61
14.41' LT

END TRAIL TAPER
STA. 335+00.55
16.12' LT

STA. 335+25.00
37.00' LT
DE11072

STA. 336+18.00
40.00' LT
DE11074

STA. 336+18.00
37.00' LT
DE11073

STA. 336+18.12
25.00' LT
240

SPECIAL USE PERMIT AREA

57
N/F
U.S. GOVERNMENT
BURNT HICKORY
ROAD
PID: 20032200090
SEE SHEETS 37 & 42B

EXIST R/W
18'
8' TRAIL
10' TRAIL
22.00'
20' WIDE
+10.00
Curve# 29
Curve# 30
℄ CONSTRUCTION BURNT HICKORY RD.
N35°02'00.0"W
MATCH LINE STA. 331+50
MATCH LINE STA. 337+00
DRAWING No. 60-0035
DRAWING No. 60-0037

P.T. 332+51.56

REMOVE EXISTING WEATHERING STEEL GUARDRAIL AND REPLACE WITH STANDARD GUARDRAIL. PAINTED

APPARENT CONST. ESM'T
D.B. 13260 PG. 3958

END TAPER
STA. 332+33.31
17.85' LT

SLCD11 (REBAR)
STA. 333+07.97
20.96' LT
N 1440589.224
E 2169841.674
EL 1009.40

CURB AND GUTTER
8"X24", TP 2

P.C. 336+18.12

N/F
JAMES T. III & WILLIAM T. &
KENT LESLIE VIRGINIA ANDERSON
1100 BURNT HICKORY RD
PID: 20032200030
D.B. 14693, PG. 2103
SEE SHEET 42A

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

NOSES CREEK

ESA - ANDERSON PROPERTY

PERENNIAL STREAM 5
NOSES CREEK

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

Curve# 29
PI Sta= 331+12.55
N= 1440441.0080
E= 2169971.1853
DELTA= 6°22'42.4" (LT)
D= 2°17'30.59"
T= 139.30
L= 278.31
R= 2500.00
E= 3.88

Curve# 30
PI Sta= 337+50.91
N= 1440963.9427
E= 2169604.5687
DELTA= 31°14'16.0" (LT)
D= 12°03'44.17"
T= 132.79
L= 258.97
R= 475.00
E= 18.21

APPROXIMATE L.L.L.322
APPROXIMATE L.L.L.287

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ORANGE BARRIER FENCE

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 56: SEE REVISION SUMMARY SHEET		
2-26-2020	PARCEL 56A: SEE REVISION SUMMARY SHEET		
6-19-2020	PARCEL 57: SEE REVISION SUMMARY SHEET		
7-6-2020	PARCEL 56A: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 322
LAND DISTRICT: 20

DATE 11-15-18 SH 36 OF 42

DRAWING No.
60-0036

7/31/2015 GRWPLN

Heath & Linebaugh Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

WETLAND 6

57
N/F
U.S. GOVERNMENT
BURNT HICKORY
ROAD
PID: 20032200090
SEE SHEETS 36 & 42B

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

58
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010
SEE SHEETS 38, 39, 40, 41 & 42B

APPROXIMATE L.L.L. 322
APPROXIMATE L.L.L. 287

DRAWING No. 60-0036

MATCH LINE STA. 337+00

337+00
338+00
339+00
340+00
341+00
342+00

STA. 338+36.56
25.00' LT
211

STA. 338+77.09
40.00' LT
DE11076

STA. 338+68.59
40.00' LT
DE11075

STA. 338+77.09
25.00' LT
221

SPECIAL USE PERMIT AREA

STA. 339+73.20
40.00' LT
DE11077

STA. 339+73.20
25.00' LT
220

STA. 340+89.10
25.00' LT
219

STA. 341+00.00
34.00' LT
DE11078

BEGIN ORN FENCE
STA. 341+42.00
28.38' LT

STA. 341+32.00
39.00' LT
DE11079

STA. 341+32.00
50.00' LT
DE11080

STA. 341+50.00
42.00' LT
DE11082

STA. 341+50.00
50.00' LT
DE11081

STA. 341+75.00
46.00' LT
DE11083

18' 10' TRAIL EXIST R/W

Curve# 30

22.00'

N66°16'16.0"W

Curve# 31

N67°25'48.6"W

℄ CONSTRUCTION BURNT HICKORY RD.

EXIST R/W

SLCD10 (REBAR)
STA. 337+00.08
17.69' RT
N 1440930.432
E 2169640.732
EL 1018.09

CURB AND GUTTER
8"X24", TP 2

SLCD9 (REBAR)
STA. 340+62.15
16.21' RT
N 1441106.156
E 2169319.604
EL 1043.38

P.T. 338+77.09

P.C. 339+73.20

P.T. 340+89.10

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

Curve# 30
PI Sta= 337+50.91
N= 1440963.9427
E= 2169604.5687
DELTA= 31°14'16.0" (LT)
D= 12°03'44.17"
T= 132.79
L= 258.97
R= 475.00
E= 18.21

Curve# 31
PI Sta= 340+31.15
N= 1441079.3764
E= 2169341.9631
DELTA= 1°09'32.6" (LT)
D= 1°00'00.00"
T= 57.95
L= 115.90
R= 5729.58
E= 0.29

ORANGE BARRIER FENCE

BURNT HICKORY RD

MATCH LINE STA. 342+00

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 287 & 322
LAND DISTRICT: 20

DATE 11-15-18 SH 37 OF 42

DRAWING No. 60-0037

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

58
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010
SEE SHEETS 37, 39, 40, 41 & 42B

APPROXIMATE L.L.L. 322
APPROXIMATE L.L.L. 287

ESA - RESOURCE 3

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

STA. 343+74.19
25.00' LT
218

STA. 343+74.19
32.00' LT
DE11086

STA. 343+00.00
39.00' LT
DE11084

BEGIN TAPER
STA. 343+00.00
16.30' LT
26.30' LT

END ORN FENCE
STA. 342+75.00
28.63' LT

343+00

STA. 343+25.00
32.00' LT
DE11085

344+00

345+00

STA. 345+70.00
36.00' LT
DE11088

STA. 345+70.00
32.00' LT
DE11087

SPECIAL USE PERMIT AREA

STA. 346+50.00
53.00' LT
DE11090

STA. 346+39.74
22.69' LT

STA. 346+33.00
36.00' LT
DE11089

346+00

BEGIN TRAIL TAPER
STA. 346+39.74
14.69' LT

342+00
MATCH LINE STA. 342+00

EXIST R/W
10' TRAIL
8' TRAIL
EXIST R/W

℄ CONSTRUCTION BURNT HICKORY RD.

N67°25'48.6"W

Curve° 32

22.00'

N27°42'32.0"W

DRAWING No. 60-0039

P.C. 343+74.19

CURB AND GUTTER
8"X24", TP 2

END TAPER
STA. 343+18.57
14.58' LT

END TAPER
STA. 343+26.04
22.50' LT

DRAWING No. 60-0037

SLCD8 (REBAR)
STA. 344+69.96
16.99' LT
N 1441246.017
E 2168932.337
EL 1075.83

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

STA. 346+16.83
25.00' LT
217

P.T. 346+16.83

EXIST R/W

STA. 346+49.24
24.18' LT

END TRAIL TAPER
STA. 346+49.23
14.18' LT

MATCH LINE STA. 346+50

Curve° 32
PI Sta= 345+00.62
N= 1441259.5623
E= 2168908.4513
DELTA= 39°43'16.5" (RT)
D= 16°22'12.80"
T= 126.43
L= 242.64
R= 350.00
E= 22.13

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ORANGE BARRIER FENCE

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 287
LAND DISTRICT: 20
DATE 11-15-18 SH 38 OF 42
DRAWING No. 60-0038

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

58
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

58
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010
SEE SHEETS 37, 38, 40, 41 & 42B

WETLAND 7

ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

INTERMITTENT STREAM 8

ESA - RESOURCE 3

SPECIAL USE PERMIT AREA

STA. 362+00.00
40.91' LT
STA. 346+62.00
10.00' LT
14.00' LT
STA. 346+66.00
10.00' LT
14.00' LT
STA. 346+54.26
35.10' LT
R=10'
BEGIN ORN FENCE
STA. 346+83.00
27.15' LT

STA. 348+35.00
78.00' LT
DE11096
STA. 348+35.00
58.00' LT
DE11095
SPECIAL USE PERMIT AREA
END SHARED USE TRAIL
STA. 347+56.00
46.97' LT
STA. 347+00.00
53.00' LT
DE11092
STA. 346+95.92
39.62' LT
STA. 347+02.76
39.93' LT
STA. 348+00.00
58.00' LT
DE11094
STA. 347+86.35
25.00' LT
216

STA. 348+72.00
78.00' LT
DE11097
STA. 348+72.00
55.00' LT
DE11098
STA. 349+00.00
51.43' LT
DE11099
STA. 349+50.00
44.00' LT
DE11100
END ORN FENCE
STA. 349+78
26.58' LT
STA. 350+25.00
35.00' LT
DE11101

347+00
348+00
349+00
350+00
351+00 MATCH LINE STA. 351+00

DRAWING No. 60-0038
DRAWING No. 60-0040
MATCH LINE STA. 346+50

8' TRAIL
10' TRAIL
R=40'
EXIST R/W
EXIST R/W
EXIST R/W
EXIST R/W
18'
18'
22.00'
Curve 33
N27°42'32.0"W
℄ CONSTRUCTION BURNT HICKORY RD.
CURB AND GUTTER
8"X24". TP 2
P.C. 347+86.35
GATE
24" RCP
36" RCP
GATE
25' SERVICE ROAD
WETLAND 9
INTERMITTENT STREAM 8
ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK
ESA BOUNDARY - 25' STREAM BUFFER
SEE GENERAL NOTES 'ENVIRONMENTAL RESOURCES IMPACT TABLE' FOR CONSTRUCTION RESTRICTIONS
SLCD7 (REBAR)
STA. 349+18.91
19.83' RT
N 1441642.931
E 2168708.980
EL 1067.89
PROPOSED NPS TRAIL (BY OTHERS)
ESA - RESOURCE 4
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010
Curve 33
PI Sta: 350+03.78
N: 1441714.0596
E: 2168669.7448
DELTA: 47°00'17.0" (LT)
D: 11°27'32.96"
T: 217.43
L: 410.19
R: 500.00
E: 45.23
ORANGE BARRIER FENCE

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 287
LAND DISTRICT: 20
DATE 11-15-18 SH 39 OF 42
DRAWING No. 60-0039

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

58
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010
SEE SHEETS 37, 38, 39, 41 & 42B

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

EPHEMERAL CHANNEL 10

STA. 353+47.00
66.00' LT
DE11109

SPECIAL USE PERMIT AREA

STA. 352+25.00
38.00' LT
DE11105

STA. 353+15.00
66.00' LT
DE11108

STA. 353+15.00
46.00' LT
DE11107

STA. 353+47.00
46.00' LT
DE11110

SPECIAL USE PERMIT AREA

STA. 356+00.00
49.00' LT
DE11114

STA. 356+00.00
46.00' LT
DE11113

STA. 355+97.42
25.00' LT
213

STA. 351+75.00
38.00' LT
DE11103

BEGIN ORN FENCE
STA. 352+55.00
26.38' LT

STA. 354+06.42
46.00' LT
DE11111

STA. 351+75.00
35.00' LT
DE11102

STA. 352+65.00
STA. 353+00.00
46.00' LT
DE11106

ESA - RESOURCE 3

351+00
352+00
353+00
354+00
355+00
356+00

DRAWING No. 60-0039
DRAWING No. 60-0041

10' TRAIL
EXIST R/W
Curve* 33
TYPE B
TYPE D
22.00'
24.00'
36'
18'
N74°42'49.1"W
℄ CONSTRUCTION BURNT HICKORY RD.
Curve* 34
N76°12'58.7"W
MATCH LINE STA. 351+00
MATCH LINE STA. 356+00
EXIST R/W
PROPOSED NPS TRAIL (BY OTHERS)
P.T. 351+96.54
STA. 351+96.54
25.00' LT
215
BEGIN TAPER
STA. 352+39.86
10.02' LT
SLCD6 (REBAR)
STA. 352+43.20
16.64' RT
N 1441799.736
E 2168419.382
EL 1068.10
END TAPER
STA. 352+89.84
11.24' LT
P.I. 354+07.02
STA. 354+07.35
25.00' LT
214
CURB AND GUTTER
8"X24", TP 2
EXIST R/W
P.C. 355+97.42

Curve* 33
PI Sta= 350+03.78
N= 1441714.0596
E= 2168669.7448
DELTA= 47°00'17.0" (LT)
D= 11°27'32.96"
T= 217.43
L= 410.19
R= 500.00
E= 45.23

PI Sta= 354+07.02
N= 1441826.8768
E= 2168256.9686
DELTA= 1°30'09.7" (LT)

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

Curve* 34
PI Sta= 357+47.74
N= 1441908.0535
E= 2167926.0694
DELTA= 6°00'25.1" (LT)
D= 2°00'00.00"
T= 150.31
L= 300.35
R= 2864.79
E= 3.94

ORANGE BARRIER FENCE

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 287
LAND DISTRICT: 20
DATE 11-15-18 SH 40 OF 42
DRAWING No. 60-0040

7/31/2015 GRWPLN

8/6/2020
USER:jkelly

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GRWPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

58

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010
SEE SHEETS 37, 38
39, 40 & 42B

59

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028800010
SEE SHEETS 42 & 42B

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

ESA - RESOURCE 3

ESA - RESOURCE 2

SPECIAL USE PERMIT AREA

STA. 359+07.85
49.00' LT
DE1116

STA. 358+97.77
49.00' LT
DE1120

STA. 360+00.00
55.00' LT
DE1119

STA. 359+75.00
55.00' LT
DE1118

STA. 359+25.00
49.00' LT
DE1117

STA. 361+00.00
45.00' LT
DE1122
P.T. 500+13.09

RELOCATE HISTORIC SIGN TO
STA 360+57.00

P.C. 500+09.63
STA. 360+60.00
31.00' LT

STA 360+59.00
25.98' LT
29.98' LT
STA. 360+54.00
31.00' LT

STA 360+55.00
25.97' LT
29.97' LT

356+00
357+00
358+00
359+00
360+00
361+00
500+00

DRAWING No. 60-0040

DRAWING No. 60-0042

EXIST R/W

10' TRAIL

Curve# 34

℄ CONSTRUCTION BURNT HICKORY RD.

N82°53'18.8"W

N82°13'23.8"W

EXIST R/W @ TRAIL ALIGNMENT 2

MATCH LINE STA. 356+00

MATCH LINE STA. 361+50

EXIST R/W

STA. 358+97.77
25.00' LT
212

STA. 359+10.81
25.00' LT
209

P.T. 358+97.77

SLCD5 (REBAR)
STA. 357+20.50
15.04' LT
N 1441884.238
E 2167948.978
EL 1069.30

BEGIN REMOVE FENCE

BEGIN TRAIL ALIGNMENT
STA 500+00.00
STA 360+83.01 CHEATHAM HILL RD
16.16' LT
N 1441937.4465
E 2167591.4177

END CURB AND GUTTER
8'X24', TP 2
STA. 360+96.72
12.63' LT
TIE TO EXIST.

SLCD4 (REBAR)
STA. 361+16.64
16.47' RT
N 1441974.332
E 2167562.512
EL 1067.76

END REMOVE FENCE
BEGIN REMOVE & RESET
4' SPLIT RAIL FENCE
STA 361+44.89
(SEE SHT 38-0002)

Curve# 34
PI Sta= 357+47.74
N= 1441908.0535
E= 2167926.0694
DELTA= 6°00'25.1" (LT)
D= 2°00'00.00"
T= 150.31
L= 300.35
R= 2864.79
E= 3.94

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

APPROXIMATE L.L.L. 288
APPROXIMATE L.L.L. 287

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ORANGE BARRIER FENCE

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 287 & 288
LAND DISTRICT: 20

DATE 11-15-18 SH 41 OF 42

DRAWING No.
60-0041

7/31/2015 GRWPLN

8/6/2020
USER: jkelly

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GRNPLN

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

PROJECT NO.
0015279

Heath & Linebback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

COBB COUNTY GEORGIA

59
N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028800010
SEE SHEETS 41 & 42B

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK

SPECIAL USE PERMIT AREA

STA. 362+75.00
51.00' LT
DE11124

STA. 363+97.28
36.69' LT

ESA - RESOURCE 2

STA. 364+25.00
65.00' LT
DE11128

STA. 364+00.00
60.00' LT
DE11127

STA. 364+00.00
51.00' LT
DE11126

STA. 504+24.37
31.58' LT
TIE TO EXISTING
GRAVEL TRAIL

STA. 364+77.59
107.45' LT
DE11131

STA. 364+78.68
94.39' LT
DE11130

P.C. 504+11.16

STA. 364+94.37
113.11' LT
DE11132

6" AGGR SURFACE

SPECIAL USE PERMIT AREA

ESA - RESOURCE 1

END TRAIL ALIGNMENT
STA 504+92.28
STA 365+60.85 CHEATHAM HILL RD
62.64' LT
N 1441956.0562
E 2167111.6877

STA. 365+08.15
101.08' LT
DE11133

STA. 365+25.00
98.00' LT
DE11134

END SHARED USE TRAIL
STA. 504+92.28
0.00' LT
TIE TO EXISTING

STA. 365+75.00
77.00' LT
DE11136

STA. 365+75.00
25.00' LT
DE11137

END R/W ACQUISITION
BURNT HICKORY RD.
STA 365+75.00
N 1442020.0304
E 2167106.1401

ASPH. PARKING

GRAVEL

R=50'
N61°36'00.4"W

P.T. 504+56.10
STA. 504+35.78
0.00' LT

R=50'

S66°53'55.3"W

STA. 504+38.43
20.24' RT

P.T. 503+57.75

R=100'

STA. 504+44.93
17.29' RT
TIE TO EXISTING
GRAVEL TRAIL

10' TRAIL

GATE

TRAIL

MATCH LINE STA. 361+50

DRAWING No. 60-0041

362+00
363+00
364+00
366+00
367+00
501+00
502+00
503+00
504+00
365+60

STA. 362+00.00
45.00' LT
DE11123

P.C. 503+08.48

N84°52'16.7"W

10' TRAIL

℄ TRAIL ALIGNMENT 2

EXIST R/W

N82°13'23.8"W

℄ CONSTRUCTION BURNT HICKORY RD.

END ORN FENCE
STA. 502+25.00
12.50' LT

24"RCP

12"HDP

SLCD3 (REBAR)
STA. 365+66.37
23.06' LT
N 1441996.014
E 2167111.569
EL 1040.68

END PROJECT
END CONSTRUCTION
KENNESAW MOUNTAIN TRAIL
BURNT HICKORY RD.
STA 365+64.37
N 1442018.5920
E 2167116.6728

BEGIN CURB AND GUTTER
8'X24', TP 2
STA. 362+67.67
12.09' LT
TIE TO EXISTING

END CURB AND GUTTER
8'X24', TP 2
STA. 362+74.17
12.11' LT
TIE TO EXISTING

N/F
KENNESAW
NATIONAL PARK
BURNT HICKORY
ROAD
PID: 20028700010

ESA - KENNESAW MOUNTAIN NATIONAL BATTLEFIELD PARK, NATIONAL REGISTER PARK BOUNDARY

OLD MOUNTAIN ROAD

N/F
JOHN BARRY &
JUDITH R.
MCKERNAN
1520 BURNT
HICKORY RD
PID: 20028800140
D.B. 14700, PG.
4648
P.B. 250, PG. 91

ORANGE BARRIER FENCE

BURNT HICKORY RD

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS

SCALE IN FEET
0 20 40 80

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO: 288
LAND DISTRICT: 20

DATE 11-15-18 SH 42 OF 42

DRAWING No.
60-0042

7/31/2015 GRNPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

Parcel 47 REQ'D R/W DE10033 SEE SHT. 30

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10146	40.89	R	301+10.00	Burnt Hickory Road
	19.80		N 34°23'52.5" W	
408	40.00	R	301+29.78	Burnt Hickory Road
	6.00		N 57°59'11.7" E	
DE12128	46.00	R	301+29.80	Burnt Hickory Road
	19.80		S 31°49'07.2" E	
DE10147	46.00	R	301+10.00	Burnt Hickory Road
	5.11		S 58°10'52.8" W	
DE10146	40.89	R	301+10.00	Burnt Hickory Road

REQD R/W = 109.97 SF
REQD R/W = 0.003 ACRES
REMAINDER = +/- 1.23 ACRES

Parcel 47 REQ'D EASM'T FOR CONSTR. DE12045 SEE SHT. 30

PNT	OFFSET/		STATION/	ALIGNMENT
DE12120	57.42	R	300+25.04	Burnt Hickory Road
DE12169	44.68	R	300+39.10	Burnt Hickory Road
204	41.59	R	300+70.44	Burnt Hickory Road

ARC LENGTH = 45.44
CHORD BEAR = N 28°57'33.2" W
LNTH CHORD = 45.41
RADIUS = 343.69
DEGREE = 16°40'14.8"

DE10146	40.89	R	301+10.00	Burnt Hickory Road
DE10147	46.00	R	301+10.00	Burnt Hickory Road
DE12126	46.00	R	301+00.00	Burnt Hickory Road
DE12125	43.75	R	300+75.00	Burnt Hickory Road
DE12124	49.00	R	300+52.00	Burnt Hickory Road
DE12122	51.91	R	300+38.02	Burnt Hickory Road
DE12121	55.00	R	300+32.00	Burnt Hickory Road
DE12120	57.42	R	300+25.04	Burnt Hickory Road

REQD EASMT AREA = 434.66 SF

Parcel 48 REQD RW DE10034 SEE SHT. 30 & 31

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10008	40.00	R	302+33.00	Burnt Hickory Road
	152.00		N 31°49'06.4" W	
DE10149	40.00	R	303+85.00	Burnt Hickory Road
	3.00		N 58°10'52.8" E	
DE10150	43.00	R	303+85.00	Burnt Hickory Road
	152.00		S 31°49'07.2" E	
DE10151	43.00	R	302+33.00	Burnt Hickory Road
	3.00		S 58°10'52.8" W	
DE10008	40.00	R	302+33.00	Burnt Hickory Road

REQD R/W = 456.06 SF
REQD R/W = 0.010 ACRES
REMAINDER = +/- 7.29 ACRES

Parcel 48 REQ'D EASM'T FOR CONSTR.(1/2) DE12046 SEE SHT. 30 & 31

PNT	OFFSET/		STATION/	ALIGNMENT
408	40.00	R	301+29.78	Burnt Hickory Road
DE12130	40.00	R	301+50.00	Burnt Hickory Road
DE12129	46.00	R	301+50.00	Burnt Hickory Road
DE12128	46.00	R	301+29.80	Burnt Hickory Road
408	40.00	R	301+29.78	Burnt Hickory Road

REQD EASMT AREA = 121.26 SF

Parcel 48 REQ'D EASM'T. FOR CONSTR.(2/2) DE12047 SEE SHT. 30 & 31

PNT	OFFSET/		STATION/	ALIGNMENT
DE12131	40.00	R	301+95.00	Burnt Hickory Road
DE10008	40.00	R	302+33.00	Burnt Hickory Road
DE10151	43.00	R	302+33.00	Burnt Hickory Road
DE10150	43.00	R	303+85.00	Burnt Hickory Road
DE10149	40.00	R	303+85.00	Burnt Hickory Road
195	40.00	R	304+02.33	Burnt Hickory Road

ARC LENGTH = 10.17
CHORD BEAR = N 31°24'26.4" W
LNTH CHORD = 10.17
RADIUS = 708.78
DEGREE = 8°05'01.5"

DE12134	40.00	R	304+13.07	Burnt Hickory Road
DE12133	47.00	R	304+13.07	Burnt Hickory Road
DE12207	47.00	R	302+81.94	Burnt Hickory Road
DE12206	52.00	R	302+25.26	Burnt Hickory Road
DE12132	52.00	R	301+95.00	Burnt Hickory Road
DE12131	40.00	R	301+95.00	Burnt Hickory Road

REQD EASMT AREA = 1363.63 SF

Parcel 50 REQ'D R/W DE10028 SEE SHT. 32

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
275	79.81	L	310+37.39	Burnt Hickory Road
	59.05		N 16°02'44.9" W	
DE10148	47.79	L	310+87.00	Burnt Hickory Road
	12.86		S 46°50'52.8" E	
439	48.25	L	310+74.14	Burnt Hickory Road
	48.45		S 8°13'51.4" E	
275	79.81	L	310+37.39	Burnt Hickory Road

REQD R/W = 194.49 SF
REQD R/W = 0.004 ACRES
REMAINDER = +/- 9.2 ACRES

Parcel 50 REQ'D EASM'T. FOR CONSTR. DE12048 SEE SHT. 32

PNT	OFFSET/		STATION/	ALIGNMENT
DE12204	85.45	L	310+37.86	Burnt Hickory Road
DE12205	52.00	L	310+90.00	Burnt Hickory Road
DE12188	52.00	L	312+30.00	Burnt Hickory Road
DE12189	64.00	L	313+00.00	Burnt Hickory Road
DE12143	64.00	L	313+13.22	Burnt Hickory Road
421	39.98	L	313+07.53	Burnt Hickory Road
DE10148	47.79	L	310+87.00	Burnt Hickory Road
275	79.81	L	310+37.39	Burnt Hickory Road
DE12204	85.45	L	310+37.86	Burnt Hickory Road

REQD EASMT AREA = 2669.28 SF

Parcel 51 REQ'D EASM'T FOR CONSTR. (1/3) DE12049 SEE SHT. 32

PNT	OFFSET/		STATION/	ALIGNMENT
421	39.98	L	313+07.53	Burnt Hickory Road
DE12143	64.00	L	313+13.22	Burnt Hickory Road
DE12190	64.00	L	313+50.00	Burnt Hickory Road
DE12191	52.00	L	314+60.00	Burnt Hickory Road
DE12137	52.00	L	315+00.00	Burnt Hickory Road
DE12138	39.20	L	315+00.00	Burnt Hickory Road
421	39.98	L	313+07.53	Burnt Hickory Road

REQD EASMT AREA = 3548.48 SF

Parcel 51 REQ'D EASM'T FOR CONSTR. (2/3) DE12051 SHT. 33 & 34

PNT	OFFSET/		STATION/	ALIGNMENT
DE12144	39.85	L	317+75.00	Burnt Hickory Road
DE12145	47.00	L	317+75.00	Burnt Hickory Road
DE12146	47.00	L	318+39.45	Burnt Hickory Road

ARC LENGTH = 62.57
CHORD BEAR = N 46°48'51.6" W
LNTH CHORD = 62.56
RADIUS = 1457.00
DEGREE = 3°55'56.8"

DE12147	47.00	L	319+00.00	Burnt Hickory Road
DE12148	55.00	L	319+50.00	Burnt Hickory Road

ARC LENGTH = 25.98
CHORD BEAR = N 43°02'29.8" W
LNTH CHORD = 25.98
RADIUS = 1412.12
DEGREE = 4°03'26.8"

DE12149	55.00	L	319+75.00	Burnt Hickory Road
DE12150	44.00	L	320+20.00	Burnt Hickory Road

ARC LENGTH = 134.06
CHORD BEAR = N 38°03'59.9" W
LNTH CHORD = 134.01
RADIUS = 1454.00
DEGREE = 3°56'26.0"

DE12151	44.00	L	321+50.00	Burnt Hickory Road
DE12152	40.00	L	321+50.00	Burnt Hickory Road

ARC LENGTH = 319.38
CHORD BEAR = S 41°44'07.5" E
LNTH CHORD = 318.71
RADIUS = 1419.75
DEGREE = 4°02'08.2"

262	40.00	L	318+39.45	Burnt Hickory Road
DE12144	39.85	L	317+75.00	Burnt Hickory Road

REQD EASMT AREA = 2769.94 SF

Parcel 51 REQ'D EASM'T FOR CONSTR. (3/3) DE12052 SHT. 34

PNT	OFFSET/		STATION/	ALIGNMENT
DE12153	39.75	L	322+33.80	Burnt Hickory Road
DE12154	48.00	L	322+33.80	Burnt Hickory Road

ARC LENGTH = 24.85
CHORD BEAR = N 31°31'55.2" W
LNTH CHORD = 24.85
RADIUS = 1458.00
DEGREE = 3°55'47.1"

DE12155	48.00	L	322+57.83	Burnt Hickory Road
435	39.65	L	322+58.24	Burnt Hickory Road

ARC LENGTH = 25.13
CHORD BEAR = S 31°18'23.1" E
LNTH CHORD = 25.13
RADIUS = 1419.75
DEGREE = 4°02'08.2"

DE12153	39.75	L	322+33.80	Burnt Hickory Road

REQD EASMT AREA = 207.42 SF

Parcel 52 REQ'D EASM'T FOR CONSTR. DE12053 SEE SHT. 34

PNT	OFFSET/		STATION/	ALIGNMENT
435	39.65	L	322+58.24	Burnt Hickory Road
DE12155	48.00	L	322+57.83	Burnt Hickory Road

ARC LENGTH = 60.79
CHORD BEAR = N 29°50'57.5" W
LNTH CHORD = 60.78
RADIUS = 1458.00
DEGREE = 3°55'47.1"

DE12156	48.00	L	323+16.61	Burnt Hickory Road
DE12157	48.00	L	323+88.95	Burnt Hickory Road
258	40.00	L	323+89.69	Burnt Hickory Road

ARC LENGTH = 133.11
CHORD BEAR = S 29°20'24.4" E
LNTH CHORD = 133.09
RADIUS = 2545.19
DEGREE = 2°15'04.1"

435	39.65	L	322+58.24	Burnt Hickory Road

REQD EASMT AREA = 1068.88 SF

Parcel 55 REQ'D R/W DE10029 SEE SHT. 35

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE10133	25.01	L	328+41.00	Burnt Hickory Road
	6.99		S 61°20'42.4" W	
DE10134	32.00	L	328+41.00	Burnt Hickory Road
	14.00		N 28°39'17.6" W	
DE10099	32.00	L	328+55.00	Burnt Hickory Road
	6.91		N 61°20'42.4" E	
DE10100	25.09	L	328+55.00	Burnt Hickory Road

ARC LENGTH = 14.00
CHORD BEAR = S 29°00'11.6" E
LNTH CHORD = 14.00
RADIUS = 7604.74
DEGREE = 0°45'12.3"

DE10133	25.01	L	328+41.00	Burnt Hickory Road

REQD R/W = 97.32 SF
REQD R/W = 0.002 ACRES
REMAINDER = +/- 2.5 ACRES

Parcel 55 REQ'D EASM'T. FOR CONST. (1/2) DE12056A SEE SHT. 35

PNT	OFFSET/		STATION/	ALIGNMENT
428	25.10	L	327+47.28	Burnt Hickory Road
DE12183	30.00	L	327+48.52	Burnt Hickory Road
DE12193	30.00	L	328+41.00	Burnt Hickory Road
DE10133	25.01	L	328+41.00	Burnt Hickory Road

ARC LENGTH = 93.72
CHORD BEAR = S 28°35'50.8" E
LNTH CHORD = 93.72
RADIUS = 7604.74
DEGREE = 0°45'12.3"

428	25.10	L	327+47.28	Burnt Hickory Road

REQD EASMT AREA = 469.39 SF

Parcel 55 REQ'D EASM'T FOR CONSTR. (2/2) DE12056 SEE SHT. 35

PNT	OFFSET/		STATION/	ALIGNMENT
DE10100	25.09	L	328+55.00	Burnt Hickory Road
DE10099	32.00	L	328+55.00	Burnt Hickory Road
DE12163	32.00	L	329+81.08	Burnt Hickory Road
425	26.98	L	329+79.79	Burnt Hickory Road

ARC LENGTH = 124.73
CHORD BEAR = S 29°31'33.1" E
LNTH CHORD = 124.73
RADIUS = 7604.74
DEGREE = 0°45'12.3"

DE10100	25.09	L	328+55.00	Burnt Hickory Road

REQD EASMT AREA = 768.29 SF

Parcel 55 REQ'D DRWY. EASM'T. DE13019 SEE SHT. 35

PNT	OFFSET/		STATION/	ALIGNMENT
DE13067	30.00	L	328+03.00	Burnt Hickory Road
DE13068	59.00	L	328+18.00	Burnt Hickory Road
DE13069	59.00	L	328+40.00	Burnt Hickory Road
DE12162	32.00	L	328+50.00	Burnt Hickory Road
DE10134	32.00	L	328+41.00	Burnt Hickory Road
DE12193	30.00	L	328+41.00	Burnt Hickory Road
DE13067	30.00	L	328+03.00	Burnt Hickory Road

Parcel 56 REQ'D R/W DE10030 SEE SHT. 35

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
425	26.98	L	329+79.79	Burnt Hickory Road
	8.27		S 75°25'16.0" W	
DE10101	35.00	L	329+81.85	Burnt Hickory Road

ARC LENGTH = 35.01
CHORD BEAR = N 29°15'31.9" W
LNTH CHORD = 35.01
RADIUS = 2465.00
DEGREE = 2°19'27.7"

DE10102	35.00	L	330+17.36	Burnt Hickory Road
	8.53		N 60°20'03.3" E	
DE10103	26.47	L	330+17.36	Burnt Hickory Road

ARC LENGTH = 37.17
CHORD BEAR = S 28°27'00.4" E
LNTH CHORD = 37.17
RADIUS = 2179.38
DEGREE = 2°37'44.4"

425	26.98	L	329+79.79	Burnt Hickory Road

REQD R/W = 299.07 SF
REQD R/W = 0.007 ACRES
REMAINDER = +/- 1.8 ACRES

Parcel 56 REQ'D EASM'T. FOR CONST. DE12057 SEE SHT. 35 & 36

PNT	OFFSET/		STATION/	ALIGNMENT
DE12200	35.00	L	329+96.00	Burnt Hickory Road
DE12201	48.00	L	329+96.00	Burnt Hickory Road
DE12202	48.00	L	330+20.00	Burnt Hickory Road
DE12203	31.00	L	330+20.00	Burnt Hickory Road
DE12186	31.00	L	330+70.00	Burnt Hickory Road
DE12174	28.00	L	331+18.00	Burnt Hickory Road
DE12171	28.00	L	331+93.00	Burnt Hickory Road
DE12172	70.00	L	332+33.77	Burnt Hickory Road
DE12173	69.44	L	332+35.37	Burnt Hickory Road
DE12187	25.07	L	331+99.19	Burnt Hickory Road

ARC LENGTH = 179.98
CHORD BEAR = S 31°18'16.3" E
LNTH CHORD = 179.93
RADIUS = 2179.38
DEGREE = 2°37'44.4"

DE10103	26.47	L	330+17.36	Burnt Hickory Road
DE10102	35.00	L	330+17.36	Burnt Hickory Road

ARC LENGTH = 21.06
CHORD BEAR = S 29°25'15.7" E
LNTH CHORD = 21.06
RADIUS = 2645.00
DEGREE = 2°09'58.3"

DE12200	35.00	L	329+96.00	Burnt Hickory Road

REQD EASMT AREA = 1216.41 SF

BURNT HICKORY RD

DATE	REVISIONS	DATE	REVISIONS
7-30-2019	PARCELS 47, 50, 51, 53, 54, 55 & 56: SEE REVISION SUMMARY SHEET		
9-20-2019	PARCEL 55: SEE REVISION SUMMARY SHEET		
12-17-2019	PARCEL 50 & 51: SEE REVISION SUMMARY SHEET		
5-15-2020	PARCEL 48: SEE REVISION SUMMARY SHEET		
7-6-2020	PARCEL 56A: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
LAND LOT NO:
LAND DISTRICT:

DATE 11-15-18 SH 42A OF 42

DRAWING No. 60-0042A

7/31/2015 GRWPLN

Heath & Linebback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

Parcel 57 Special Use Permit Area DE11007 SEE SHT. 36 & 37

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
222	25.00	L	332+57.98	Burnt Hickory Road
	10.04		S 85°32'12.2" W	
223	33.64	L	332+63.08	Burnt Hickory Road
	12.93		S 83°30'54.9" W	
DE12168	45.00	L	332+69.26	Burnt Hickory Road
	80.74		N 35°02'00.0" W	
DE11070	45.00	L	333+50.00	Burnt Hickory Road
	100.98		N 27°03'49.5" W	
DE11071	31.00	L	334+50.00	Burnt Hickory Road
	75.24		N 39°36'26.2" W	
DE11072	37.00	L	335+25.00	Burnt Hickory Road
	93.00		N 35°02'00.0" W	
DE11073	37.00	L	336+18.00	Burnt Hickory Road
	3.00		S 54°58'00.0" W	
DE11074	40.00	L	336+18.00	Burnt Hickory Road

ARC LENGTH = 229.49
CHORD BEAR = N 50°07'54.9" W
LNTH CHORD = 226.84
RADIUS = 435.00
DEGREE = 13°10'17.2"

DE11075	40.00	L	338+68.59	Burnt Hickory Road
	33.38		S 90°00'00.0" E	
211	25.00	L	338+36.56	Burnt Hickory Road

ARC LENGTH = 206.95
CHORD BEAR = S 48°12'29.6" E
LNTH CHORD = 205.13
RADIUS = 450.00
DEGREE = 12°43'56.6"

240	25.00	L	336+18.12	Burnt Hickory Road
	360.14		S 35°02'00.0" E	
222	25.00	L	332+57.98	Burnt Hickory Road

REOD EASMT = 8085.49 SF
REOD EASMT = 0.186 ACRES

Parcel 58 Special Use Permit Area DE11008 SEE SHT. 37 - 41

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
211	25.00	L	338+36.56	Burnt Hickory Road
	33.38		S 90°00'00.0" W	
DE11075	40.00	L	338+68.59	Burnt Hickory Road

ARC LENGTH = 7.78
CHORD BEAR = N 65°45'30.5" W
LNTH CHORD = 7.78
RADIUS = 435.00
DEGREE = 13°10'17.2"

DE11076	40.00	L	338+77.09	Burnt Hickory Road
	96.11		N 66°16'16.0" W	
DE11077	40.00	L	339+73.20	Burnt Hickory Road
	126.19		N 64°10'32.0" W	
DE11078	34.00	L	341+00.00	Burnt Hickory Road
	32.39		N 76°18'39.0" W	
DE11079	39.00	L	341+32.00	Burnt Hickory Road
	11.00		S 22°34'11.4" W	
DE11080	50.00	L	341+32.00	Burnt Hickory Road
	18.00		N 67°25'48.6" W	
DE11081	50.00	L	341+50.00	Burnt Hickory Road
	8.00		N 22°34'11.4" E	
DE11082	42.00	L	341+50.00	Burnt Hickory Road
	25.32		N 76°31'13.6" W	
DE11083	46.00	L	341+75.00	Burnt Hickory Road
	125.20		N 64°13'29.8" W	
DE11084	39.00	L	343+00.00	Burnt Hickory Road
	25.96		N 51°47'16.5" W	
DE11085	32.00	L	343+25.00	Burnt Hickory Road
	49.19		N 67°25'48.6" W	
DE11086	32.00	L	343+74.19	Burnt Hickory Road

ARC LENGTH = 213.71
CHORD BEAR = N 51°24'10.2" W
LNTH CHORD = 210.94
RADIUS = 382.00
DEGREE = 14°59'56.0"

DE11087	32.00	L	345+70.00	Burnt Hickory Road
	4.00		S 54°37'28.1" W	
DE11088	36.00	L	345+70.00	Burnt Hickory Road
	67.75		N 30°37'41.2" W	
DE11089	36.00	L	346+33.00	Burnt Hickory Road
	24.04		N 72°42'32.1" W	
DE11090	53.00	L	346+50.00	Burnt Hickory Road
	50.00		N 27°42'32.0" W	
DE11092	53.00	L	347+00.00	Burnt Hickory Road
	98.55		N 30°42'46.9" W	
DE11094	58.00	L	348+00.00	Burnt Hickory Road
	30.93		N 31°16'44.2" W	
DE11095	58.00	L	348+35.00	Burnt Hickory Road
	20.00		S 56°42'56.5" W	

Parcel 58 Continued Special Use Permit Area DE11008

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
DE11096	78.00	L	348+35.00	Burnt Hickory Road
	31.22		N 35°24'15.3" W	
DE11097	78.00	L	348+72.00	Burnt Hickory Road
	23.00		N 52°28'32.9" E	
DE11098	55.00	L	348+72.00	Burnt Hickory Road
	25.27		N 31°00'53.4" W	
DE11099	51.43	L	349+00.00	Burnt Hickory Road
	45.81		N 34°16'24.5" W	
DE11100	44.00	L	349+50.00	Burnt Hickory Road
	69.59		N 43°20'59.5" W	
DE11101	35.00	L	350+25.00	Burnt Hickory Road

ARC LENGTH = 139.50
CHORD BEAR = N 63°39'03.8" W
LNTH CHORD = 138.98
RADIUS = 465.00
DEGREE = 12°19'18.0"

DE11102	35.00	L	351+75.00	Burnt Hickory Road
	3.00		S 17°45'16.5" W	
DE11103	38.00	L	351+75.00	Burnt Hickory Road
	48.36		N 74°12'20.9" W	
DE11105	38.00	L	352+25.00	Burnt Hickory Road
	75.43		N 80°48'07.8" W	
DE11106	46.00	L	353+00.00	Burnt Hickory Road
	15.00		N 74°42'49.1" W	
DE11107	46.00	L	353+15.00	Burnt Hickory Road
	20.00		S 15°17'10.9" W	
DE11108	66.00	L	353+15.00	Burnt Hickory Road
	32.00		N 74°42'49.1" W	
DE11109	66.00	L	353+47.00	Burnt Hickory Road
	20.00		N 15°17'10.9" E	
DE11110	46.00	L	353+47.00	Burnt Hickory Road
	59.42		N 74°42'49.1" W	
DE11111	46.00	L	354+06.42	Burnt Hickory Road
	192.33		N 76°13'00.0" W	
DE11113	46.00	L	356+00.00	Burnt Hickory Road
	3.00		S 13°43'55.7" W	
DE11114	49.00	L	356+00.00	Burnt Hickory Road

ARC LENGTH = 292.68
CHORD BEAR = N 79°14'44.0" W
LNTH CHORD = 292.55
RADIUS = 2815.79
DEGREE = 2°02'05.3"

DE11120	49.00	L	358+97.77	Burnt Hickory Road
	10.08		N 82°13'23.8" W	
DE11116	49.00	L	359+07.85	Burnt Hickory Road
	24.18		N 0°45'29.5" E	
209	25.00	L	359+10.81	Burnt Hickory Road
	13.04		S 82°13'23.8" E	
212	25.00	L	358+97.77	Burnt Hickory Road

ARC LENGTH = 297.73
CHORD BEAR = S 79°13'11.3" E
LNTH CHORD = 297.59
RADIUS = 2839.79
DEGREE = 2°01'03.4"

213	25.00	L	355+97.42	Burnt Hickory Road
	190.07		S 76°12'58.7" E	
214	25.00	L	354+07.35	Burnt Hickory Road
	210.16		S 74°42'49.1" E	
215	25.00	L	351+96.54	Burnt Hickory Road

ARC LENGTH = 389.68
CHORD BEAR = S 51°12'40.6" E
LNTH CHORD = 378.85
RADIUS = 475.00
DEGREE = 12°03'44.2"

216	25.00	L	347+86.35	Burnt Hickory Road
	169.51		S 27°42'32.1" E	
217	25.00	L	346+16.83	Burnt Hickory Road

ARC LENGTH = 259.98
CHORD BEAR = S 47°34'10.3" E
LNTH CHORD = 254.80
RADIUS = 375.00
DEGREE = 15°16'43.9"

218	25.00	L	343+74.19	Burnt Hickory Road
	285.09		S 67°25'48.6" E	
219	25.00	L	340+89.10	Burnt Hickory Road

ARC LENGTH = 115.40
CHORD BEAR = S 66°51'02.3" E
LNTH CHORD = 115.40
RADIUS = 5704.58
DEGREE = 1°00'15.8"

220	25.00	L	339+73.20	Burnt Hickory Road
	96.11		S 66°16'16.0" E	

Parcel 58 Continued Special Use Permit Area DE11008

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
221	25.00	L	338+77.09	Burnt Hickory Road

ARC LENGTH = 38.39
CHORD BEAR = S 63°49'37.6" E
LNTH CHORD = 38.38
RADIUS = 450.00
DEGREE = 12°43'56.6"

211	25.00	L	338+36.56	Burnt Hickory Road

REOD EASMT = 37625.26 SF
REOD EASMT = 0.864 ACRES

Parcel 59 Special Use Permit Area DE11009 SEE SHT. 41 & 42

PNT	OFFSET/ DIST		STATION/ BEARING	ALIGNMENT
209	25.00	L	359+10.81	Burnt Hickory Road
	24.18		S 0°45'29.5" W	
DE11116	49.00	L	359+07.85	Burnt Hickory Road
	17.15		N 82°13'23.9" W	
DE11117	49.00	L	359+25.00	Burnt Hickory Road
	50.36		N 89°03'57.8" W	
DE11118	55.00	L	359+75.00	Burnt Hickory Road
	25.00		N 82°13'23.8" W	
DE11119	55.00	L	360+00.00	Burnt Hickory Road
	100.50		N 76°30'45.7" W	
DE11122	45.00	L	361+00.00	Burnt Hickory Road
	100.00		N 82°13'23.8" W	
DE11123	45.00	L	362+00.00	Burnt Hickory Road
	75.24		N 86°47'49.9" W	
DE11124	51.00	L	362+75.00	Burnt Hickory Road
	125.00		N 82°13'23.8" W	
DE11126	51.00	L	364+00.00	Burnt Hickory Road
	9.00		S 7°46'36.2" W	
DE11127	60.00	L	364+00.00	Burnt Hickory Road
	25.50		S 86°28'00.4" W	
DE11128	65.00	L	364+25.00	Burnt Hickory Road
	61.20		S 69°04'33.1" W	
DE11130	94.39	L	364+78.68	Burnt Hickory Road
	13.10		S 2°59'05.1" W	
DE11131	107.45	L	364+77.59	Burnt Hickory Road
	17.71		S 79°08'21.9" W	
DE11132	113.11	L	364+94.37	Burnt Hickory Road
	18.29		N 41°05'53.8" W	
DE11133	101.08	L	365+08.15	Burnt Hickory Road
	17.13		N 71°52'20.1" W	
DE11134	98.00	L	365+25.00	Burnt Hickory Road
	54.23		N 59°26'27.2" W	
DE11136	77.00	L	365+75.00	Burnt Hickory Road
	52.00		N 7°46'36.2" E	
DE11137	25.00	L	365+75.00	Burnt Hickory Road
	664.19		S 82°13'23.8" E	
209	25.00	L	359+10.81	Burnt Hickory Road

REOD EASMT = 22685.02 SF
REOD EASMT = 0.521 ACRES
REMAINDER = +/- 26 ACRES

PROPERTY, R/W & EASEMENT COORDINATES

PT. NAME	NORTHING	EASTING	STYLE
195	1438322.8700	2171607.3704	PROP_E_PPC
204	1438035.2093	2171784.2389	PROP_E_PPC
209	1441905.3865	2167760.8413	PROP_E_PPC
211	1440977.5645	2169507.3871	PROP_E_PPC
212	1441903.6226	2167773.7571	PROP_E_PPC
213	1441847.9606	2168066.0962	PROP_E_PPC
214	1441802.6748	2168250.6938	PROP_E_PPC
215	1441747.2683	2168453.4156	PROP_E_PPC
216	1441509.9390	2168748.7126	PROP_E_PPC
217	1441359.8657	2168827.5326	PROP_E_PPC
218	1441187.9534	2169015.5997	PROP_E_PPC
219	1441078.5346	2169278.8520	PROP_E_PPC
220	1441033.1685	2169384.9578	PROP_E_PPC
221	1440994.4926	2169472.9435	PROP_E_PPC
222	1440545.9729	2169867.0652	PROP_E_PPC
240	1440840.8596	2169660.3274	PROP_E_PPC
243	1440540.7181	2169870.7492	PROP_E_PPC
258	1439787.5019	2170282.7183	PROP_E_PPC
262	1439340.3844	2170620.7686	PROP_E_PPC
408	1438091.2808	2171751.0649	PROP_E_PPC
421	1438985.3165	2171017.6115	PROP_E_PPC
425	1440311.5020	2170011.1988	PROP_E_PPC
428	1440108.4412	2170124.3142	PROP_E_PPC
435	1439671.4838	2170347.9314	PROP_E_PPC
439	1438825.6091	2171187.9932	PROP_E_PPC
DE10008	1438178.9869	2171696.6458	REOD_P_REOD
DE10092	1430345.4619	2164044.4158	REOD_P_REOD
DE10099	1440199.6573	2170066.6079	REOD_P_REOD
DE10100	1440202.9691	2170072.6684	REOD_P_REOD
DE10101	1440309.4195	2170003.1917	REOD_P_REOD
DE10102	1440339.9622	2169986.0808	REOD_P_REOD
DE10103	1440344.1831	2169993.4912	REOD_P_REOD
DE10133	1440190.7246	2170079.4566	REOD_P_REOD
DE10134	1440187.3719	2170073.3213	REOD_P_REOD
DE10146	1438074.9409	2171762.2522	REOD_P_REOD
DE10147	1438077.6350	2171766.5943	REOD_P_REOD
DE10148	1438834.4076	2171178.6080	REOD_P_REOD
DE10149	1438308.1448	2171616.5069	REOD_P_REOD
DE10150	1438309.7266	2171619.0561	REOD_P_REOD
DE10151	1438180.5690	2171699.1955	REOD_P_REOD
DE11064	1435288.5454	2164869.5194	REOD_P_PESWT
DE11065	1440578.0841	2169839.6677	REOD_P_PESWT
DE11066	1440563.1588	2169818.3784	REOD_P_PESWT
DE11067	1440577.0787	2169808.6195	REOD_P_PESWT
DE11070	1440633.7550	2169788.4255	REOD_P_PESWT
DE11071	1440699.7587	2169751.9221	REOD_P_PESWT
DE11072	1440757.7258	2169703.9552	REOD_P_PESWT
DE11073	1440833.8759	2169650.5683	REOD_P_PESWT
DE11074	1440832.1537	2169648.1118	REOD_P_PESWT
DE11075	1440977.5645	2169474.0055	REOD_P_PESWT
DE11077	1441019.4366	2169378.9217	REOD_P_PESWT
DE11078	1441074.4063	2169265.3352	REOD_P_PESWT
DE11079	1441082.0711	2169233.8669	REOD_P_PESWT
DE11080	1441071.9136	2169229.6450	REOD_P_PESWT
DE11081	1441078.8222	2169213.0236	REOD_P_PESWT
DE11082	1441086.2095	2169216.0941	REOD_P_PESWT
DE11083	1441092.1110	2169191.4735	REOD_P_PESWT
DE11084	1441146.5511	2169078.7337	REOD_P_PESWT
DE11085	1441162.6102	2169058.3350	REOD_P_PESWT
DE11086	1441181.4895	2169012.9130	REOD_P_PESWT
DE11087	1441313.0807	2168848.0548	REOD_P_PESWT
DE11088	1441310.7650	2168844.7933	REOD_P_PESWT
DE11089	1441369.0642	2168810.2766	REOD_P_PESWT
DE11090	1441376.2100	2168787.3215	REOD_P_PESWT
DE11092	1441420.4761	2168764.0725	REOD_P_PESWT
DE11094	1441505.2031	2168713.7392	REOD_P_PESWT
DE11095	1441531.6405	2168697.6783	REOD_P_PESWT
DE11096	1441520.6646	2168680.9591	REOD_P_PESWT
DE11099	1441581.7784	2168668.0924	REOD_P_PESWT
DE11100	1441619.6379	2168642.2920	REOD_P_PESWT
DE11101	1441670.2431	2168594.5209	REOD_P_PESWT
DE11102	1441731.9264	2168469.9822	REOD_P_PESWT
DE11103	1441729.0693	2168469.0673	REOD_P_PESWT
DE11105	1441742.2317	2168422.5343	REOD_P_PESWT
DE11106	1441754.2880	2168348.0787	REOD_P_PESWT
DE11107	1441758.2427	2168333.6094	REOD_P_PESWT
DE11108	1441738.9503	2168328.3365	REOD_P_PESWT
DE11109	1441747.3869	2168297.4687	REOD_P_PESWT
DE11110	1441766.6793	2168302.7415	REOD_P_PESWT
DE11111	1441782.3452	2168245.4229	REOD_P_PESWT

BURNT HICKORY RD

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6-19-2020	SEE REVISION SUMMARY SHEET		
7-6-2020	PARCEL 56A: SEE REVISION SUMMARY SHEET		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY MAP

PROJECT NO:0015279
COUNTY: COBB
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DRAWING No. 60-0042B

7/31/2015 GRWPLN

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5395

PROPERTY, R/W & EASEMENT COORDINATES

PT. NAME	NORTHING	EASTING	STYLE
DE11113	1441828.1683	2168058.6302	REQD_P_PESWT
DE11114	1441825.2541	2168057.9180	REQD_P_PESWT
DE11116	1441881.2074	2167760.5214	REQD_P_PESWT
DE11117	1441883.5277	2167743.5316	REQD_P_PESWT
DE11118	1441884.3485	2167693.1796	REQD_P_PESWT
DE11119	1441887.7313	2167668.4095	REQD_P_PESWT
DE11120	1441879.8433	2167770.5096	REQD_P_PESWT
DE11122	1441911.1706	2167570.6824	REQD_P_PESWT
DE11123	1441924.7019	2167471.6021	REQD_P_PESWT
DE11124	1441928.9056	2167396.4800	REQD_P_PESWT
DE11126	1441945.8197	2167272.6296	REQD_P_PESWT
DE11127	1441936.9025	2167271.4118	REQD_P_PESWT
DE11128	1441935.3313	2167245.9651	REQD_P_PESWT
DE11130	1441913.4733	2167188.7971	REQD_P_PESWT
DE11131	1441900.3895	2167188.1149	REQD_P_PESWT
DE11132	1441897.0526	2167170.7221	REQD_P_PESWT
DE11133	1441910.8367	2167158.6982	REQD_P_PESWT
DE11134	1441916.1661	2167142.4195	REQD_P_PESWT
DE11136	1441943.7386	2167095.7210	REQD_P_PESWT
DE11137	1441995.2603	2167102.7572	REQD_P_PESWT
DE12119	1430088.0006	2164183.0016	REQD_P_TESWT
DE12120	1437988.6658	2171816.3719	REQD_P_TESWT
DE12121	1437996.3487	2171811.9592	REQD_P_TESWT
DE12122	1438002.5646	2171807.0251	REQD_P_TESWT
DE12123	1438026.5424	2171812.9313	REQD_P_TESWT
DE12124	1438017.6667	2171799.1188	REQD_P_TESWT
DE12125	1438040.9616	2171784.0262	REQD_P_TESWT
DE12126	1438068.1337	2171772.3851	REQD_P_TESWT
DE12127	1438074.3439	2171768.6364	REQD_P_TESWT
DE12128	1438094.4621	2171756.1535	REQD_P_TESWT
DE12129	1438111.6239	2171745.5050	REQD_P_TESWT
DE12130	1438108.4599	2171740.4058	REQD_P_TESWT
DE12131	1438146.6974	2171716.6805	REQD_P_TESWT
DE12132	1438153.0247	2171726.8779	REQD_P_TESWT
DE12133	1438337.6940	2171612.2947	REQD_P_TESWT
DE12134	1438331.5509	2171602.0700	REQD_P_TESWT
DE12135	1438863.4443	2171138.9441	REQD_P_TESWT
DE12137	1439104.5192	2170865.1863	REQD_P_TESWT
DE12138	1439114.0389	2170873.7445	REQD_P_TESWT
DE12143	1438970.9682	2170997.5262	REQD_P_TESWT
DE12143	1438978.1370	2171007.5614	REQD_P_TESWT
DE12144	1439297.4074	2170668.8020	REQD_P_TESWT
DE12145	1439292.0884	2170664.0203	REQD_P_TESWT
DE12146	1439335.1787	2170616.0888	REQD_P_TESWT
DE12147	1439377.9928	2170570.4736	REQD_P_TESWT
DE12148	1439409.2868	2170528.4200	REQD_P_TESWT
DE12149	1439428.2724	2170510.6899	REQD_P_TESWT
DE12150	1439470.3941	2170487.9746	REQD_P_TESWT
DE12151	1439575.8988	2170405.3475	REQD_P_TESWT
DE12152	1439578.2158	2170408.6048	REQD_P_TESWT
DE12153	1439650.0147	2170360.9881	REQD_P_TESWT
DE12154	1439645.6383	2170353.9899	REQD_P_TESWT
DE12155	1439666.8184	2170340.9944	REQD_P_TESWT
DE12156	1439719.5388	2170310.7409	REQD_P_TESWT
DE12157	1439783.0122	2170276.0551	REQD_P_TESWT
DE12162	1440195.2697	2170069.0055	REQD_P_TESWT
DE12163	1440310.1986	2170006.1875	REQD_P_TESWT
DE12165	1440493.0511	2169891.3144	REQD_P_TESWT
DE12166	1440496.3933	2169896.2973	REQD_P_TESWT
DE12167	1440538.4219	2169867.4739	REQD_P_TESWT
DE12168	1440545.6114	2169862.4336	REQD_P_TESWT
DE12169	1438001.7604	2171799.7283	REQD_P_TESWT
DE12171	1440491.1967	2169900.9753	REQD_P_TESWT
DE12172	1440500.6917	2169843.7783	REQD_P_TESWT
DE12173	1440502.2863	2169843.3531	REQD_P_TESWT
DE12174	1440428.8849	2169941.1815	REQD_P_TESWT
DE12183	1440107.1735	2170119.4258	REQD_P_TESWT
DE12186	1440386.8442	2169963.3503	REQD_P_TESWT
DE12187	1440497.9159	2169900.0037	REQD_P_TESWT
DE12188	1438925.2781	2171068.1124	REQD_P_TESWT
DE12189	1438962.2726	2171007.4873	REQD_P_TESWT
DE12190	1438995.1544	2170969.8205	REQD_P_TESWT
DE12191	1439077.7758	2170894.9317	REQD_P_TESWT
DE12193	1440188.3310	2170075.0764	REQD_P_TESWT
DE12200	1440321.6208	2169996.4245	REQD_P_TESWT
DE12201	1440315.2834	2169985.0739	REQD_P_TESWT
DE12202	1440335.7806	2169973.5001	REQD_P_TESWT
DE12203	1440344.2102	2169988.2629	REQD_P_TESWT
DE12204	1438773.7207	2171190.8603	REQD_P_TESWT
DE12205	1438833.2090	2171173.5794	REQD_P_TESWT
DE12206	1438178.7336	2171710.9261	REQD_P_TESWT
DE12207	1438224.2607	2171676.7932	REQD_P_TESWT
DE13066	1432280.9518	2163349.8070	REQD_P_DWESWT
DE13067	1440154.9851	2170093.2986	REQD_P_DWESWT
DE13068	1440154.2415	2170060.6574	REQD_P_DWESWT
DE13069	1440173.5470	2170050.1077	REQD_P_DWESWT
DE13070	1440489.1125	2169893.9507	REQD_P_DWESWT
DE13071	1440494.9390	2169845.3123	REQD_P_DWESWT
DE13072	1440514.9141	2169839.9858	REQD_P_DWESWT
DE13073	1440526.6129	2169875.7017	REQD_P_DWESWT

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