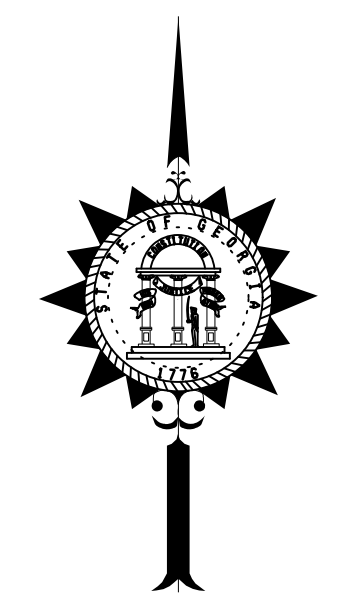


# CITY OF AUGUSTA ENGINEERING DEPARTMENT STATE OF GEORGIA

## PLAN AND PROFILE OF PROPOSED WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH ROAD TO HIGHLAND AVENUE RICHMOND COUNTY (245)

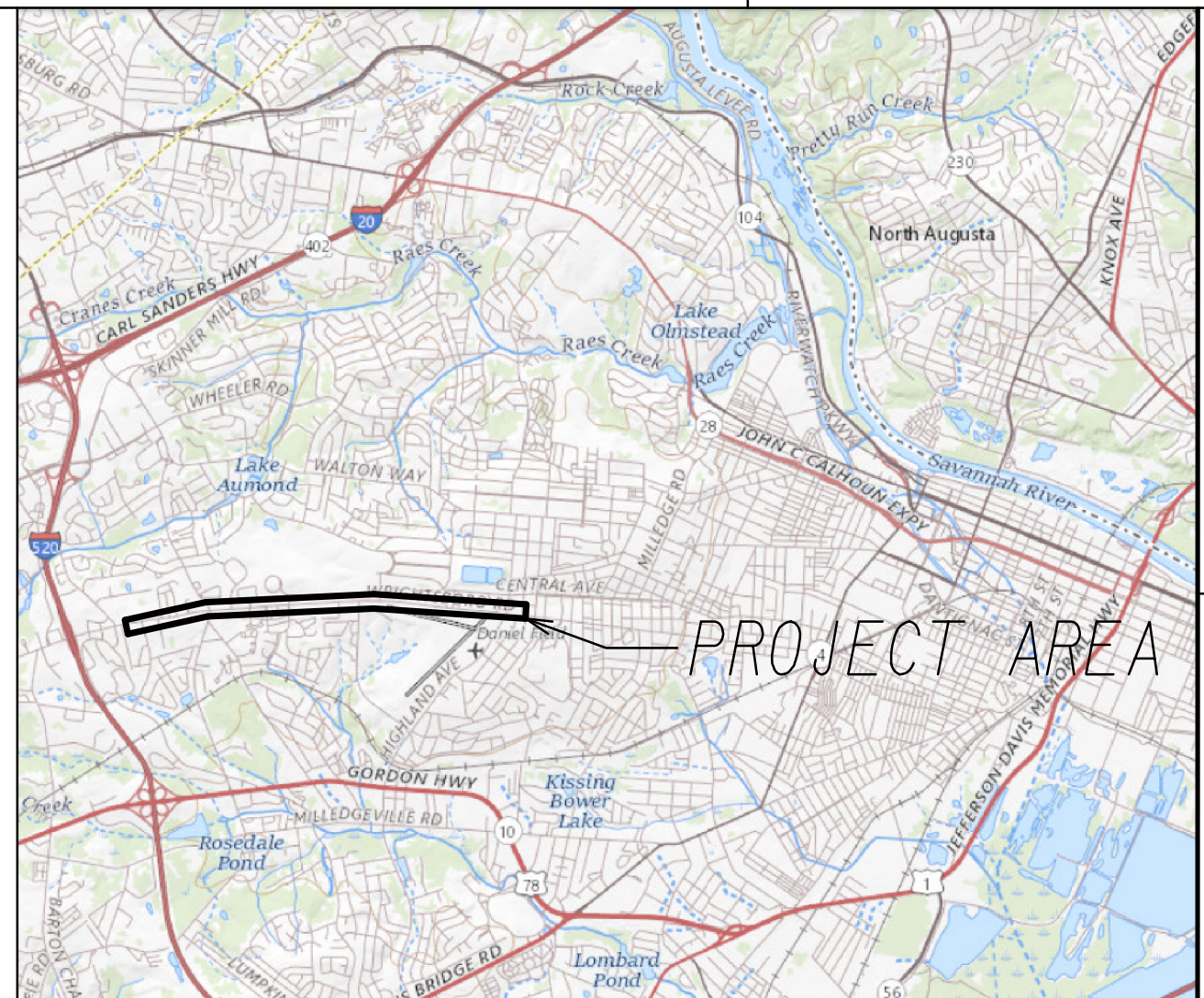


**NOTE :**  
ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO "STATE HIGHWAY DEPARTMENT OF GEORGIA," "STATE HIGHWAY DEPARTMENT," "GEORGIA STATE HIGHWAY DEPARTMENT," "HIGHWAY DEPARTMENT,"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

Drawing Copyright © 2020



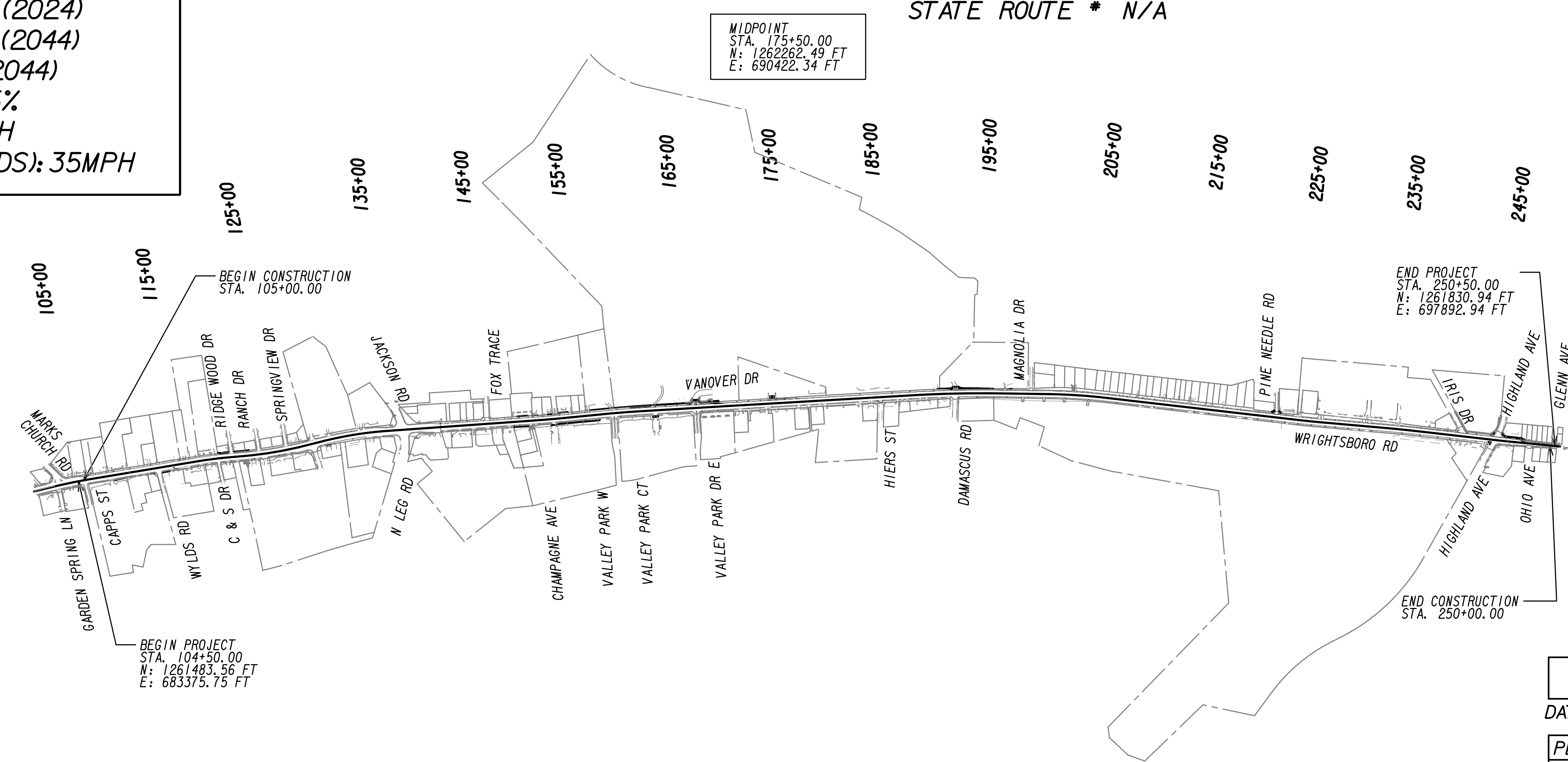
PLANS PREPARED BY:  
DESIGN



LOCATION SKETCH  
N.T.S.

**DESIGN DATA:**  
 TRAFFIC A.D.T.: 29,875 (2024)  
 TRAFFIC A.D.T.: 33,025 (2044)  
 TRAFFIC D.H.V.: 1,376 (2044)  
 24 HR. TRUCKS %: 2.5%  
 SPEED DESIGN: 45 MPH  
 SPEED DESIGN (SIDE ROADS): 35MPH

FEDERAL ROUTE \* N/A  
 STATE ROUTE \* N/A



MIDPOINT  
 STA. 175+50.00  
 N: 1262262.49 FT  
 E: 690422.34 FT

END PROJECT  
 STA. 250+50.00  
 N: 1261830.94 FT  
 E: 697892.94 FT

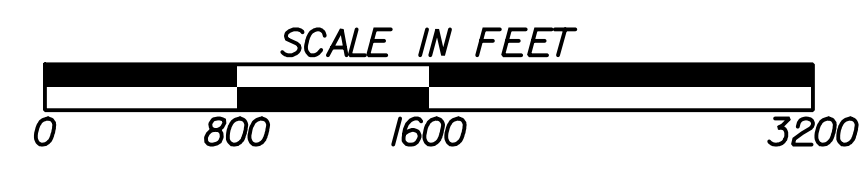
BEGIN PROJECT  
 STA. 104+50.00  
 N: 1261483.56 FT  
 E: 683375.75 FT

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.

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.

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE 2022 CONSTRUCTION STANDARDS AND DETAILS BOOK (DATED AUGUST 1, 2021) AND ATTACHED APPLICABLE REVISIONS. THE 2022 CONSTRUCTION STANDARDS AND DETAILS BOOK IS AVAILABLE AT: <http://mydocs.dot.ga.gov/Info/gdotpubs/ConstructionStandardsAndDetails/Forms/AllItems.aspx>. ANY REVISIONS CONTAINED WITHIN THIS PLAN SET SUPERSEDE THE 2022 CONSTRUCTION STANDARDS AND DETAILS BOOK WHICH THEY REVISE OR IN WHICH THERE IS A CONFLICT.

LENGTH OF PROJECT		COUNTY No. RICHMOND COUNTY (245)
		MILES
LENGTH OF ROADWAY	2.7562	
LENGTH OF BRIDGES	0.0000	
LENGTH OF PROJECT	2.7562	



DATE	AUGUSTA DIRECTOR OF ENGINEERING
PLANS COMPLETED	10-19-2022
REVISIONS	

DRAWING No.  
01-0001

DRAWING NO.	DESCRIPTION
01-0001	COVER SHEET
02-0001	INDEX
03-0001	REVISION SUMMARY
04-0001 TO 04-0002	GENERAL NOTES
05-0001 TO 05-0003	TYPICAL SECTIONS
06-0001 TO 06-0004	SUMMARY OF QUANTITIES
11-0001 TO 11-0006	CONSTRUCTION LAYOUT
13-0001 TO 13-0031	MAINLINE PLAN
15-0001 TO 15-0013	MAINLINE PROFILE
17-0001 TO 17-0006	DRIVEWAY PROFILES
23-0001 TO 23-0063	CROSS SECTIONS
24-0000 TO 24-0031	UTILITY PLANS
25-0000 TO 25-0011	LIGHTING PLANS
26-0001 TO 26-0031	SIGNING AND MARKING PLANS
27-0001 TO 27-0013	SIGNAL PLANS
28-0001 TO 28-0012	LANDSCAPING PLANS
31-0001 TO 31-0002	RETAINING WALL PLANS & ENVELOPES
32-0001	SPECIAL DESIGN WALL PLAN & ENVELOPE
50-0001	ESPC COVER SHEET
51-0001 TO 51-0004	ESPC GENERAL NOTES
52-0001 TO 52-0007	EROSION CONTROL LEGEND
53-0001	EROSION CONTROL DRAINAGE AREA MAP
54.1-0001 TO 54.3-0031	BMP LOCATION DETAILS
56-0001 TO 56-0006	EROSION CONTROL CONSTRUCTION DETAILS
60-0001	RIGHT OF WAY COVER SHEET
60-0002 TO 60-0032	RIGHT OF WAY MAPS
60-0033 TO 60-0035	RIGHT OF WAY TABLES
<b>GA DOT DETAILS</b>	
A-2	CONCRETE VALLEY GUTTER AT STREET INTERSECTION 6 07/11
A-3	CONCRETE SIDEWALK DETAILS CURB CUT (WHEELCHAIR) RAMPS 09/16
A-4	DETECTABLE WARNING SURFACE TRUNCATED DOME SIZE, SPACING AND ALIGNMENT REQUIREMENTS 06/09
T-01	SIGN PLATES 01/00
T-02	DETAILS OF TYPICAL FRAMING 03/00
T-03A	TYPE 7, 8 AND 9 SQUARE TUBE POST INSTALLATION DETAIL 07/02
T-11A	DETAILS OF PAVEMENT MARKING PLACEMENT ON NON-LIMITED ACCESS ROADWAY 09/16
T-12A	DETAIL OF PAVEMENT MARKING ARROW LOCATION 01/00
T-12B	PAVEMENT MARKINGS - ARROWS 11/20
T-14	DETAILS OF PAVEMENT MARKING HATCHING 11/08
T-15A	DETAILS OF RAISED PAVEMENT MARKER LOCATION NON-LIMITED ACCESS ROADWAY 09/16
T-15C	DETAILS OF RAISED PAVEMENT MARKERS 09/11

DRAWING NO.	DESCRIPTION
<b>GA DOT STANDARDS</b>	
1011A	BRICK MANHOLES 10/81
1030D	CONCRETE AND METAL PIPE CULVERTS (3 SHEETS) 09/01
1033D	CATCH BASINS (FOR USE WITH 6" OR 8" HT. CURB AND GUTTER) 08/82
1034D	CATCH BASINS (FOR USE WITH 6" OR 8" HT. CURB AND GUTTER IN SAGS OR LOW POINTS) 08/82
1401	PAVEMENT PATCHING DETAILS (STORM DRAIN OR UTILITY INSTALLATIONS BY OPEN CUT ACROSS EXISTING PAVEMENT) 08/99
9031L	GRAVITY WALL TYPICAL SECTIONS, RAISING HEADWALL, AND TYPICAL PIPE PLUG 09/16
9031R	PLACING ROOF DRAIN PIPE UNDER SIDEWALK - RAMP TYPE BARRICADE 10/88
	- PIPE HANDRAIL FOR RETAINING WALL PIPE HANDRAIL FOR CONCRETE STEPS
9032B	CONCRETE CURB AND GUTTER, CONCRETE CURBS, CONCRETE MEDIANS 01/21
9100	TRAFFIC CONTROL GENERAL NOTES, STANDARD LEGEND AND MISCELLANEOUS DETAILS 03/06
9107	TRAFFIC CONTROL DETAIL FOR LANE CLOSURE ON MULTI-LANE UNDIVIDED HIGHWAY 03/06
<b>EROSION CONTROL LEGEND</b>	
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
<b>EROSION CONTROL CONSTRUCTION DETAILS</b>	
56-0001	D-24A TEMPORARY SILT FENCE (SHEET 1 OF 4) 01/11
56-0002	D-24C TEMPORARY SILT FENCE J-HOOKS, INLET SEDIMENT TRAPS (SHEET 3 OF 4) 01/11
56-0003	D-24D TEMPORARY SILT FENCE FABRIC CHECK DAM (SHEET 4 OF 4) 07/15
56-0004	D-41 CONSTRUCTION EXIT 11/20
56-0005	D-42 INLET SEDIMENT TRAPS 05/08
56-0006	D-54 SOD INSTALLATION 04/16
NOTE: GEORGIA STANDARD CONSTRUCTION DETAIL, STANDARDS AND SPECIAL DETAILS FOR THIS PROJECT ARE LISTED WITH THE LATEST REVISION DATES, BUT ARE NOT INCLUDED AS PART OF THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE STANDARDS AND DETAILS SHOWN IN THE INDEX AN MAINTAINING THESE ON THE PROJECT SITE. FULL SIZE PRINTS MAY BE PURCHASED, BY THE CONTRACTOR, FROM THE GEORGIA DEPARTMENT OF TRANSPORTATION.	



REVISION DATES		INDEX	
		<b>WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE</b>	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	02-0001	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



## GENERAL NOTES

1. THE CONTRACTOR SHALL ADHERE TO THE "CALL BEFORE YOU DIG" LAW BY CALLING THE UNDERGROUND PROTECTION CENTER BEFORE BEGINNING CONSTRUCTION.



2. THE METHOD OF UTILITY LOCATION USED FOR THIS PROJECT WAS MARKUPS. THE FOLLOWING UTILITIES HAVE FACILITIES IN THE PROJECT AREA:

UTILITY OWNER	SERVICE
ATLANTA GAS LIGHT	GAS
AT&T	TELEPHONE
AUGUSTA UTILITIES DEPARTMENT	WATER, SEWER
COMCAST	TELECOMMUNICATIONS/FIBER
GEORGIA POWER	ELECTRIC
SEGRA	TELECOMMUNICATIONS/FIBER
UNITI/TOWER CLOUD	TELECOMMUNICATIONS/FIBER

3. A NOTICE OF INTENT (N.O.I.) IS REQUIRED FOR THIS PROJECT. THE TOTAL PROJECT AREA IS 34.59 ACRES. THE TOTAL DISTURBED AREA IS APPROXIMATELY 5.25 ACRES.

4. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE PLACED IN KIND I.E. ASPHALT FOR ASPHALT AND CONCRETE FOR CONCRETE. DRIVEWAY RELOCATIONS ARE SHOWN FROM THE BEST AVAILABLE DATA. THE CONTRACTOR SHALL CONSTRUCT NEW DRIVEWAYS TO MATCH THE ACTUAL FIELD LOCATION OF EXISTING DRIVEWAYS OR AS LOCATED IN THE PLANS. ALL DRIVES ARE TO BE PAVED TO TIE DOWN POINT, UNLESS OTHERWISE NOTED. RESIDENTIAL DRIVES SHALL BE 14 FEET WIDE AT THE THROAT UNLESS NOTED OTHERWISE IN THE PLANS. COMMERCIAL DRIVES SHALL BE 24 FEET WIDE UNLESS NOTED OTHERWISE IN THE PLANS. DRIVES SHALL BE CONSTRUCTED USING:

- RESIDENTIAL:**  
 ASPHALT - RECYCLED ASPH CONC 12.5 mm SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY), GRADED AGGREGATE BASE, 6".  
 CONCRETE - DRIVEWAY CONCRETE, 6 IN THICK, (URBAN SHOULDER) CONC VALLEY GUTTER, 6 IN.
- COMMERCIAL:**  
 ASPHALT - RECYCLED ASPH CONC 12.5 mm SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY), RECYCLED ASPHALT CONC, 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME (220 LBS/SY) GRADED AGGREGATE BASE, 6".  
 CONCRETE - DRIVEWAY CONCRETE, 8 IN THICK (URBAN SHOULDER) CONC VALLEY GUTTER, 8 IN.

5. AGGREGATE SURFACE COURSE FOR USE IN INCLEMENT WEATHER TO FACILITATE THE MOVEMENT OF LOCAL TRAFFIC ALONG ROADWAY CONSTRUCTION AND TO PERMIT INGRESS & EGRESS AT DRIVES. WHEN USED FOR THIS PURPOSE, SECTION 318 OF GEORGIA STANDARD SPECIFICATIONS IS MODIFIED TO PERMIT TRUCK DUMPING ON UNPAVED AND MUDDY SUBGRADE. THE CONTRACTOR WILL HAVE THE CHOICE OF THE FOLLOWING MATERIALS:

- GRADED AGGREGATE - ART. 815.01
- COARSE AGGREGATE - SIZE - 467 - ART. 800.01
- STABILIZER AGGREGATE - TYPE 1 OR 2 - SECT. 803

ALL MATERIALS TO BE USED AS DIRECTED BY THE ENGINEER.

6. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE APPROVED BY AUGUSTA ENGINEERING DEPARTMENT 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.

7. THERE IS NO SUITABLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. ALL CONSTRUCTION WASTE SHALL BE DISPOSED OF AT AUGUSTA SOLID WASTE FACILITY.
8. ALL EXISTING FENCE WITHIN THE PROJECT AREA SHALL BE REMOVED UNLESS OTHERWISE NOTED ON PLANS OR AS DIRECTED BY THE ENGINEER. THE COST FOR REMOVAL SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.
9. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE THROUGHOUT THE DURATION OF THE PROJECT.
10. ALL EXISTING PIPE SHALL REMAIN IN PLACE UNLESS OTHERWISE NOTED ON THE PLANS. ALL COSTS FOR PIPES TO BE REMOVED SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.
11. TRAFFIC CONTROL - SHALL INCLUDE, BUT IS NOT LIMITED TO CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMPORARY SIGNING AND PAVEMENT MARKINGS, BARRICADES, CHANNELIZING DEVICES, ETC. REQUIRED FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION. ALL TEMPORARY SIGNING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES' LATEST EDITION AND/OR AS DIRECTED BY THE ENGINEER.
12. THE CONTRACTOR SHALL NOT UTILIZE ANY AREA OUTSIDE OF THE RIGHT-OF-WAY OR EASEMENTS FOR STORAGE OR STAGING OF ANY EQUIPMENT OR CONSTRUCTION MATERIALS.
13. THE CONTRACTOR SHALL VACUUM BORE FOUNDATIONS FOR MAST ARM POLES DUE TO PROXIMITY OF UTILITIES.
14. ALL AUGUSTA PUBLIC TRANSIT BUS STOPS MUST REMAIN ACCESSIBLE DURING CONSTRUCTION.
15. ALL ADA RAMPS AND SIDEWALKS WITHIN RADII TO BE CONSTRUCTED WITH 8" CONCRETE. THE COST FOR ADA RAMPS SHALL BE INCLUDED IN PRICE BID FOR 8" CONCRETE SIDEWALK.
16. ANY VERTICAL CONSTRUCTION EQUIPMENT, SUCH AS CRANES, IN EXCESS OF 100 FEET ABOVE THE ROADWAY ELEVATION MUST BE EVALUATED BY THE FAA. EVALUATION BY FILING OF "NOTICE OF PROPOSED CONSTRUCTION" FAA FORM 7460-1 MUST BE ACCOMPLISHED NOT 18 MONTHS AND NOT LATER THAN 120 DAYS PRIOR TO CONSTRUCTION. E-FILE AT [HTTPS://OEAAA.FAA.GOV/OEAAA/EXTERNAL/PORTAL.JSP](https://oeaaa.faa.gov/oeaaa/EXTERNAL/PORTAL.JSP)
17. ALL EXISTING PIPE TO BE RETAINED UNLESS OTHERWISE NOTED.
18. WHERE NEW CURB AND GUTTER IS PROPOSED, CONTRACTOR SHALL SAW-CUT THE EDGE OF PAVEMENT TO PROVIDE A SMOOTH EDGE, INCLUDED IN THE COST OF GRADING COMPLETE.
19. ALL ABANDONED SEGMENTS OF SIDEWALKS AND PAVEMENT SHALL BE OBLITERATED AND SODDED AS SHOWN. COST OF PAVEMENT AND SIDEWALK REMOVAL SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.
20. PAVEMENT PATCHING AS NEEDED IN AREAS OF SUBGRADE FAILURE DISCOVERED AFTER MILLING, AS DIRECTED BY THE ENGINEER, TO BE PERFORMED PER GDOT STD. 1401.



REVISION DATES		GENERAL NOTES	
		WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	04-0001	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

# GENERAL NOTES - STANDARD SIGNS

- ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.
- SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM AUGUSTA TRAFFIC ENGINEERING.
- ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY. IF SIDEWALK IS PROPOSED OR EXISTING, THE SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE SIDEWALK.
- HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS SHALL BE 6 FEET FROM THE EDGE OF THE PAVED SHOULDER OR 12 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), WHICHEVER IS GREATER. THE HORIZONTAL CLEARANCE IN NON-MOUNTABLE CURB SECTIONS SHALL BE AT LEAST 2 FEET FROM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S).
- SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE INSET 1/6TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE 3/8 INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.
- EACH 42 OR 48 INCH WIDE x 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN.
- SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.
- TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.
- TYPE 11 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3P, R5-1, R5-1A, R5-1B).
- TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.
- TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING SHALL BE USED FOR SCHOOL ZONE (S1-1, S2-1, S3-1, S4-3, AND THE TOP PORTION OF THE S5-1) SIGNS. ALL REGULATORY SIGNS WITHIN THE SCHOOL ZONE SHALL HAVE TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING.
- A 1/2 INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.
- WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL 3/8 INCH DIAMETER HOLE(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.
- THE CONTRACTOR WILL BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.
- ALL SIGNS TO NOT BE DISTURBED UNLESS OTHERWISE NOTED ON THE PLANS. COST FOR REMOVAL OF EXISTING SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.

Resistivity  $\frac{\rho}{L} = \frac{V}{I}$   
 pH  $\frac{[H^+]}{[OH^-]}$   
 Project Number: County: RICHMOND

## Pipe Culvert Material Alternates

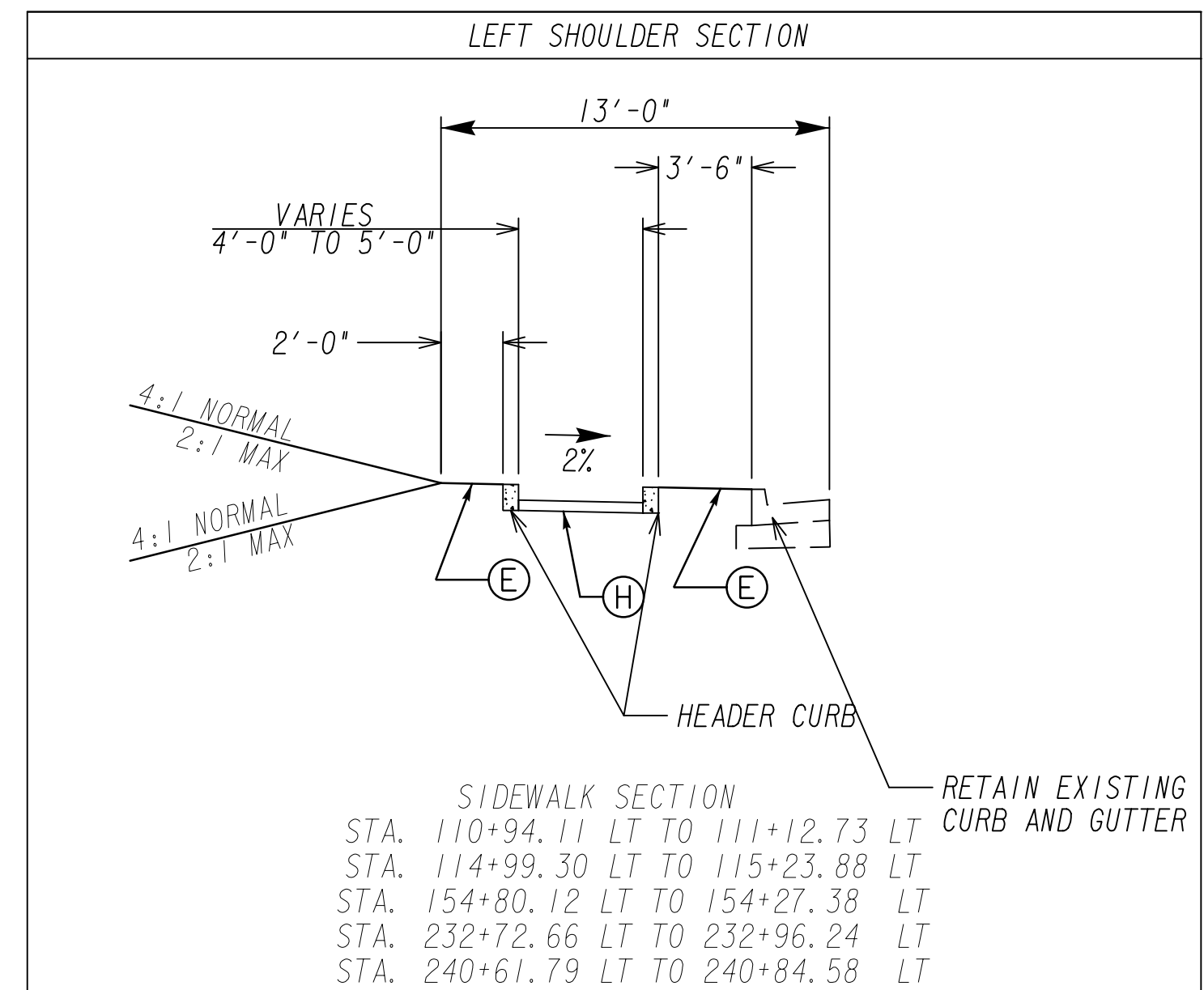
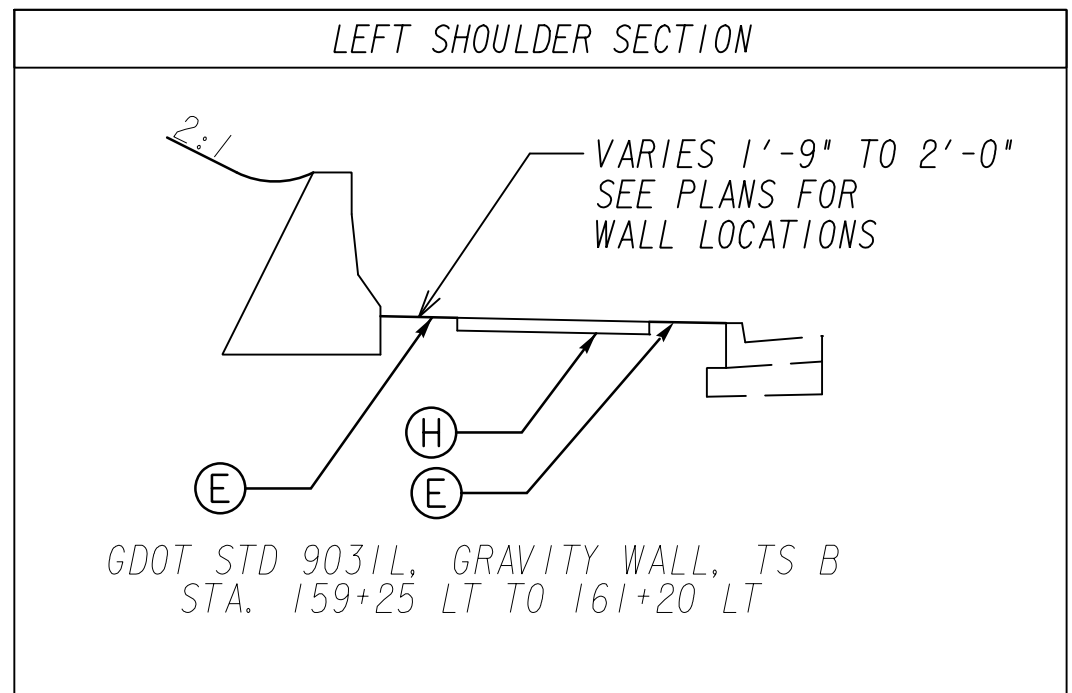
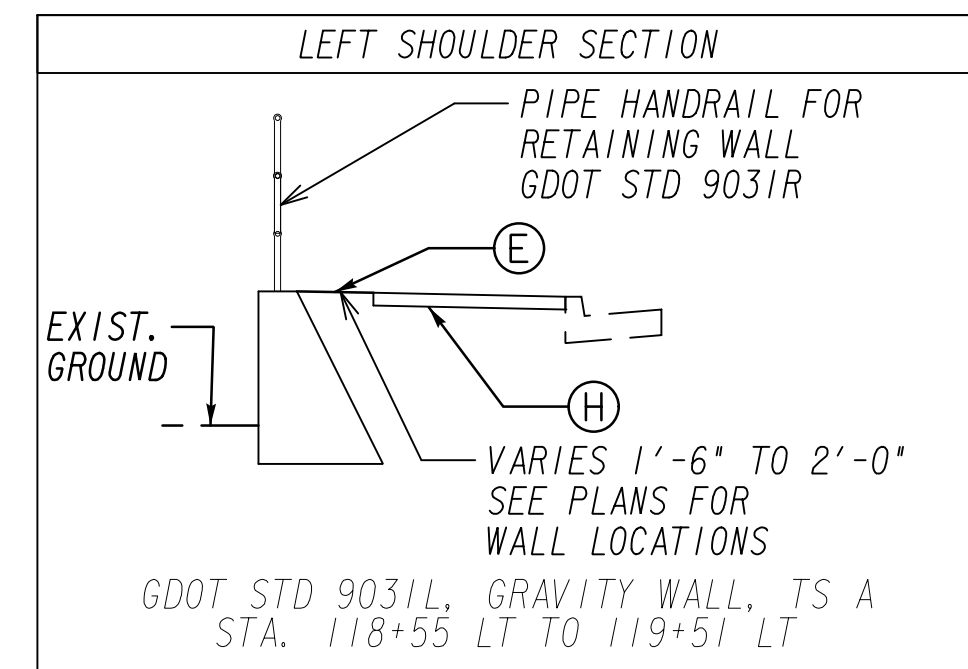
TYPE OF INSTALLATION	PIPE TYPE										
	CONCRETE		STEEL			ALUMINUM		THERMOPLASTIC			
	REINFORCED CONCRETE AASHTO M-170	CORRUGATED STEEL ALUMINUM COATED (TYPE 2) AASHTO M-36	CORRUGATED STEEL PLAIN ZINC COATED AASHTO M-36	POLYMER COATED STEEL AASHTO M-245	CORRUGATED ALUMINUM AASHTO M-196	CORRUGATED HOPE AASHTO M-252	CORRUGATED SMOOTH LINED HOPE TYPE "S" AASHTO M-294	CORRUGATED SMOOTH LINED POLYPROPYLENE AASHTO M-330	PVC CORRUGATED SMOOTH INTERIOR AASHTO F-399	PVC Profile Wall Drain Pipe AASHTO M-304	
S T R O M	NON-TRAVEL BEARING (OUTSIDE ROADBED)	INTERSTATE	X								
		NON INTERSTATE	X	X		X	X		X	X	X
D R A I N	TRAVEL BEARING (INSIDE ROADBED)	GRADE 10%	ADT < 1,500	X	X		X	X		X	X
		1,500 < ADT < 5,000	X	X		X	X		X	X	X
		5,000 < ADT < 15,000	X						X	X	X
		ADT > 15,000 & INTERSTATES	X								
		GRADE > 10%				X			X	X	X
		SIDE DRAIN	X	X		X	X		X	X	X
		PERMANENT SLOPE DRAIN		X	X	X	X		X	X	X
		PERFORATED UNDERDRAIN		X	X		X	X	X	X	X



REVISION DATES	

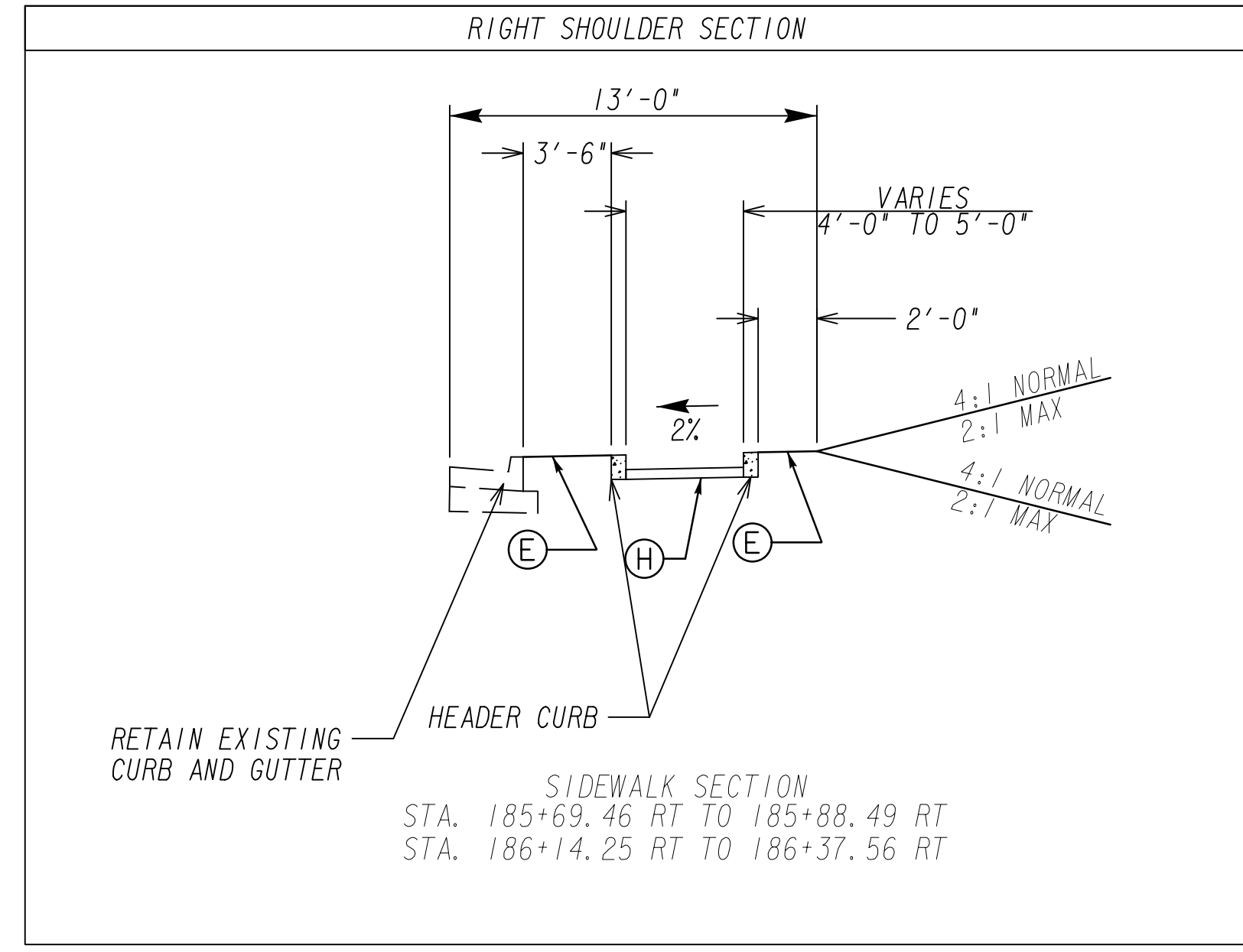
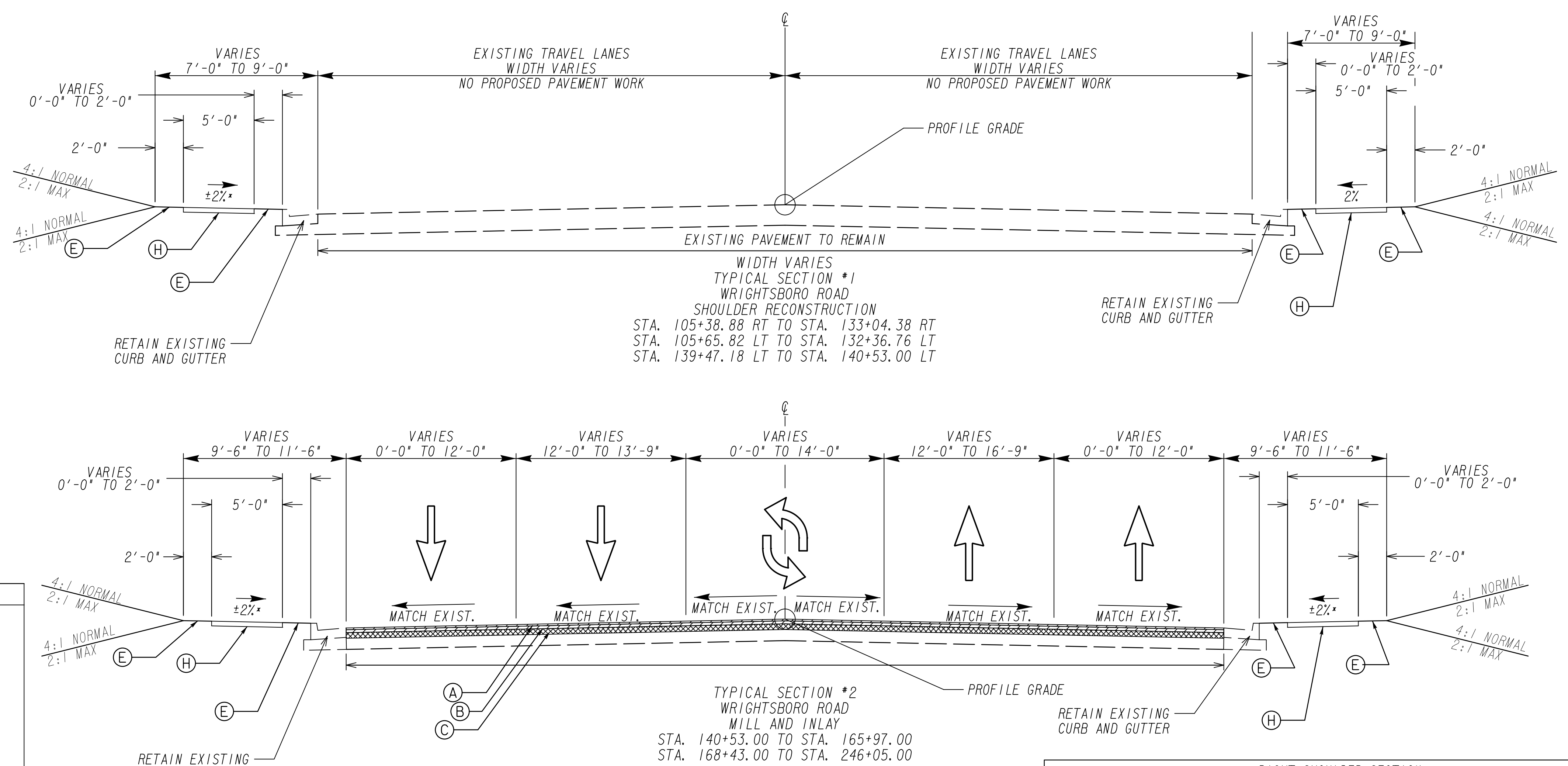
**GENERAL NOTES**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>04-0002</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



- REQUIRED ITEMS**
- (A) RECYCLED ASPH CONC 12.5 mm SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY)
  - (B) RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL POLYMER-MODIFIED BITUM MATL & H LIME (275 LB/SY)
  - (C) MILL ASPH CONC PVMT, 4 IN DEPTH
  - (D) MILL ASPH CONC PVMT, 1 1/2 IN DEPTH
  - (E) SOD
  - (F) GR AGGR BASE CRS, 8", INCL MATL
  - (G) CONC CURB & GUTTER, 8" X 30", TP 2, GDOT STD. 9032B
  - (H) CONC SIDEWALK, 4"

- \* SIDEWALK SLOPES**
- STA. 121+50.00 LT TO STA. 122+25.00 LT @ -2%
  - STA. 130+50.00 LT TO STA. 133+50.00 LT @ -2%
  - STA. 145+90.00 RT TO STA. 149+40.00 RT @ -2%
  - STA. 150+00.00 RT TO STA. 151+50.00 RT @ -2%
  - STA. 151+75.00 LT TO STA. 154+50.00 LT @ 1%
  - STA. 191+50.00 RT TO STA. 235+00.00 RT @ -2%

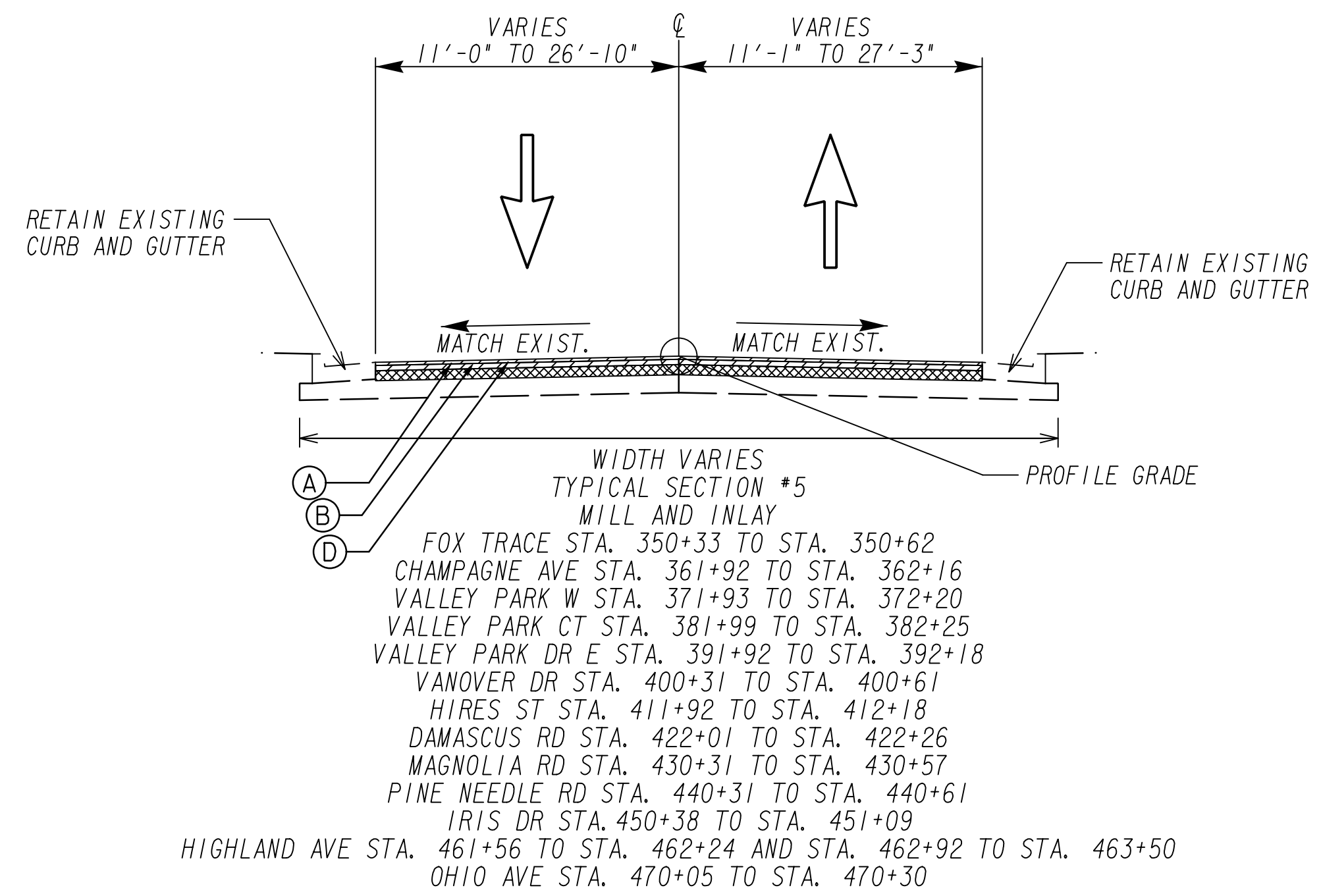
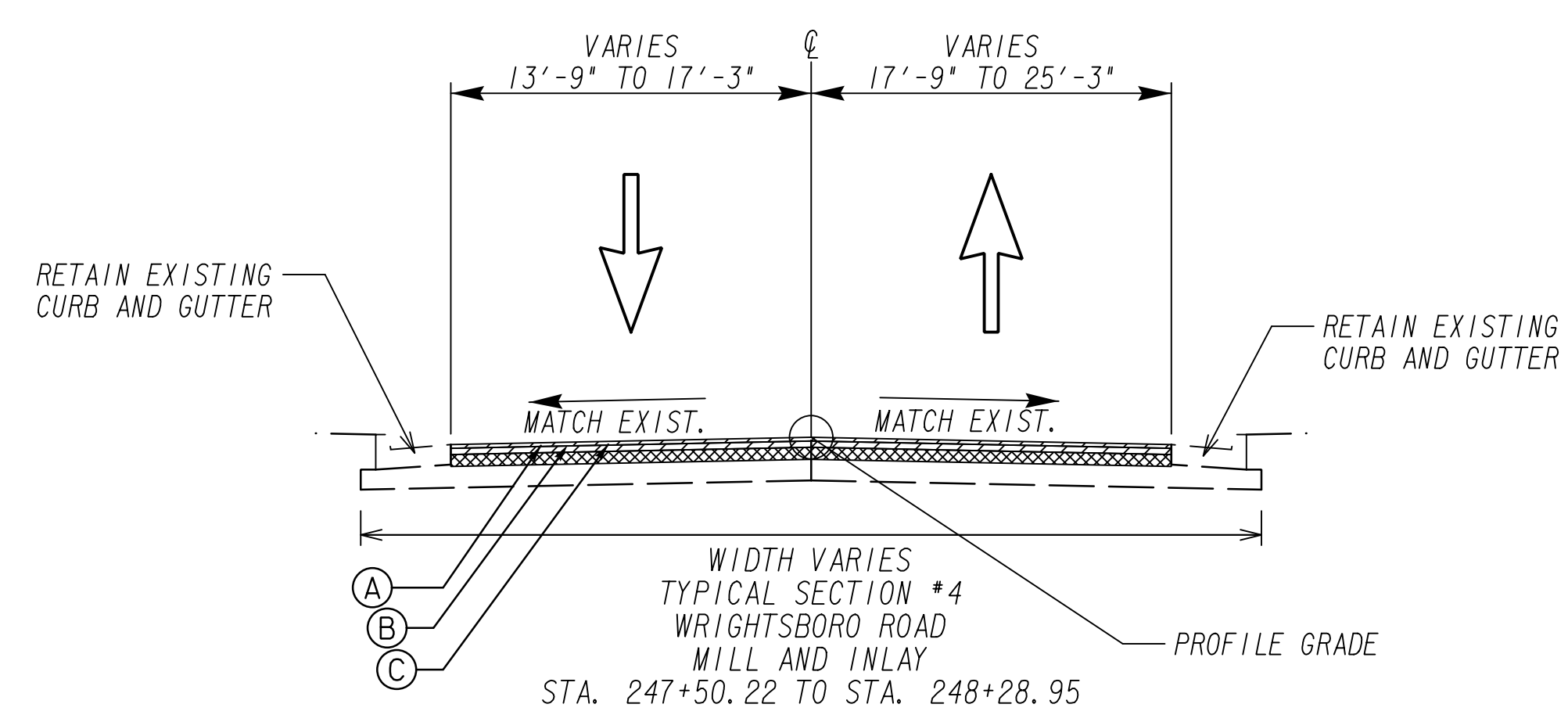
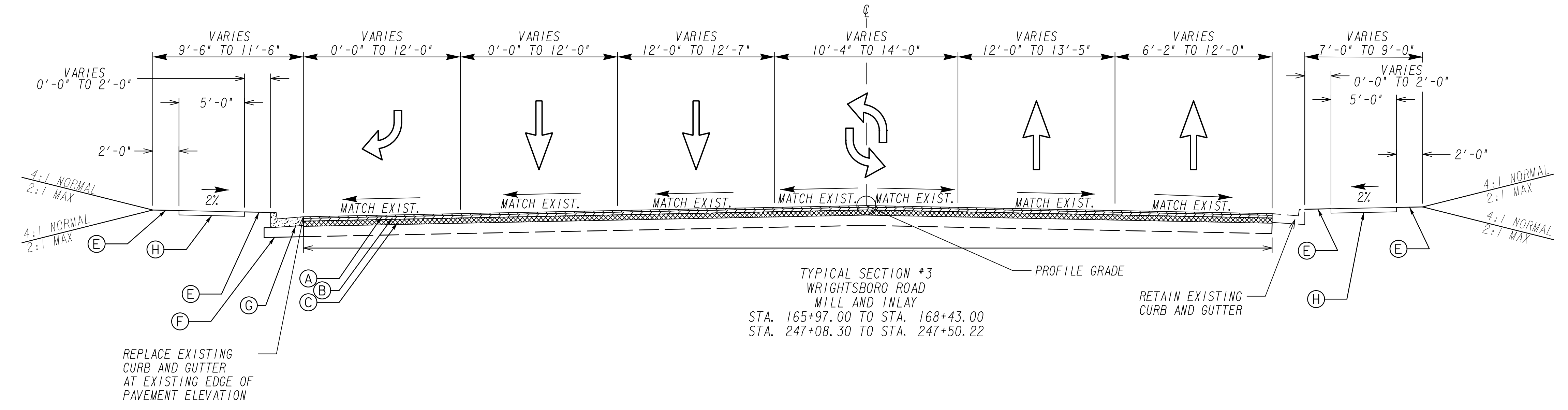
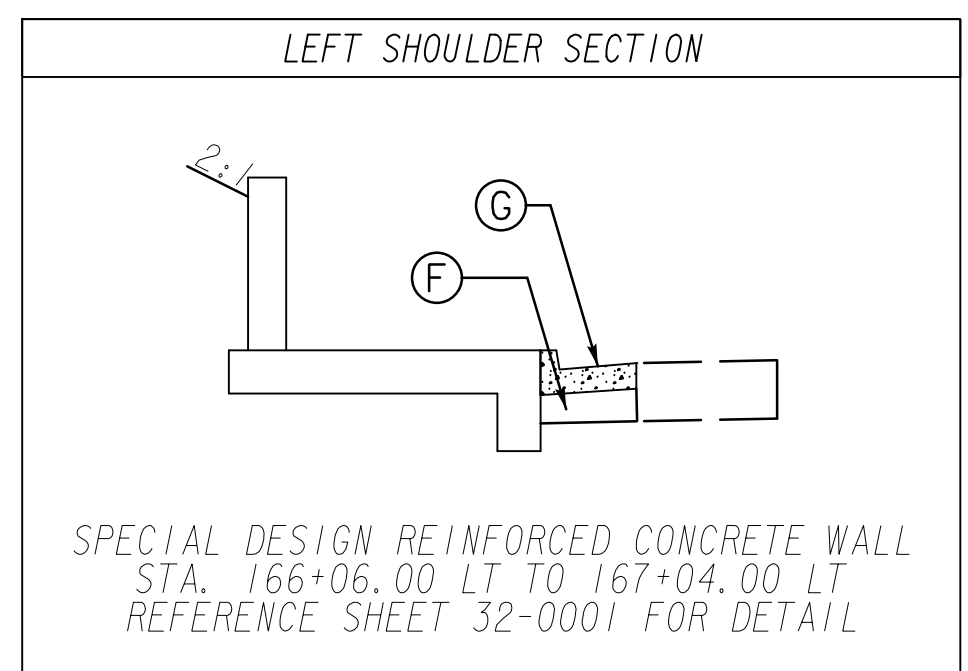


NOTE:  
1. LIGHTING WILL BE CONSTRUCTED ALONG THE ENTIRE LENGTH OF THE PROJECT. REFER TO SHEETS 25-0001 TO 25-0011 FOR LIGHTING PLANS.



NOT TO SCALE

REVISION DATES		DRAWING No.	
CHECKED:	DATE:	05-0001	
BACKCHECKED:	DATE:		
CORRECTED:	DATE:		
VERIFIED:	DATE:		



REQUIRED ITEMS

- (A) RECYCLED ASPH CONC 12.5 mm SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY)
- (B) RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL POLYMER-MODIFIED BITUM MATL & H LIME (275 LB/SY)
- (C) MILL ASPH CONC PVMT, 4 IN DEPTH
- (D) MILL ASPH CONC PVMT, 1 1/2 IN DEPTH
- (E) SOD
- (F) GR AGGR BASE CRS, 8", INCL MATL
- (G) CONC CURB & GUTTER, 8" X 30", TP 2, GDOT STD. 9032B
- (H) CONC SIDEWALK, 4"

NOTE:  
1. LIGHTING WILL BE CONSTRUCTED ALONG THE ENTIRE LENGTH OF THE PROJECT. REFER TO SHEETS 25-0001 TO 25-0011 FOR LIGHTING PLANS.

REVISION DATES	

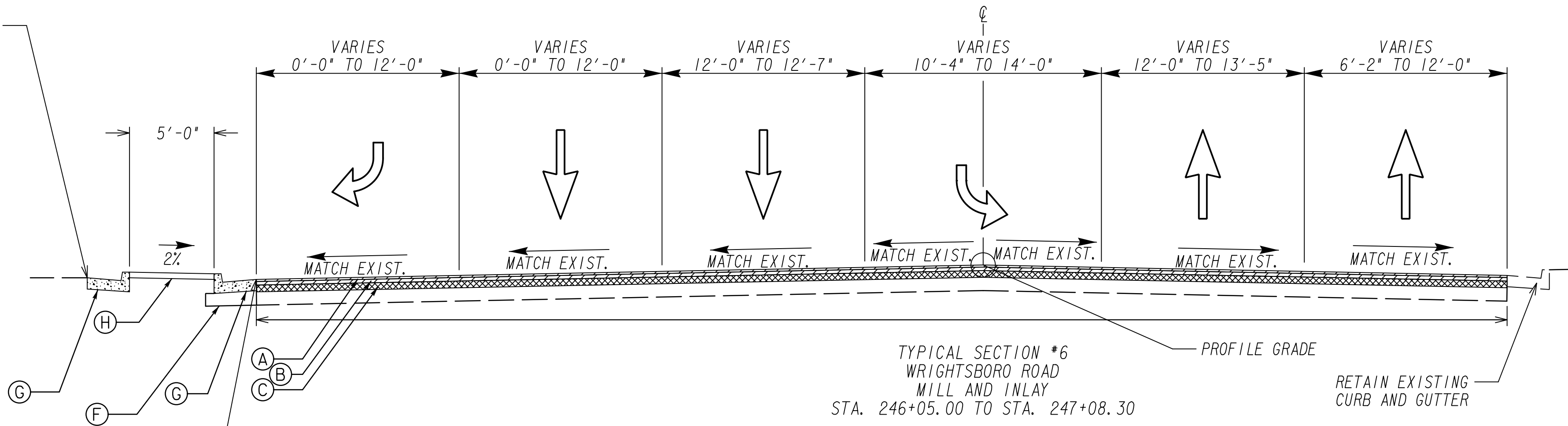


NOT TO SCALE

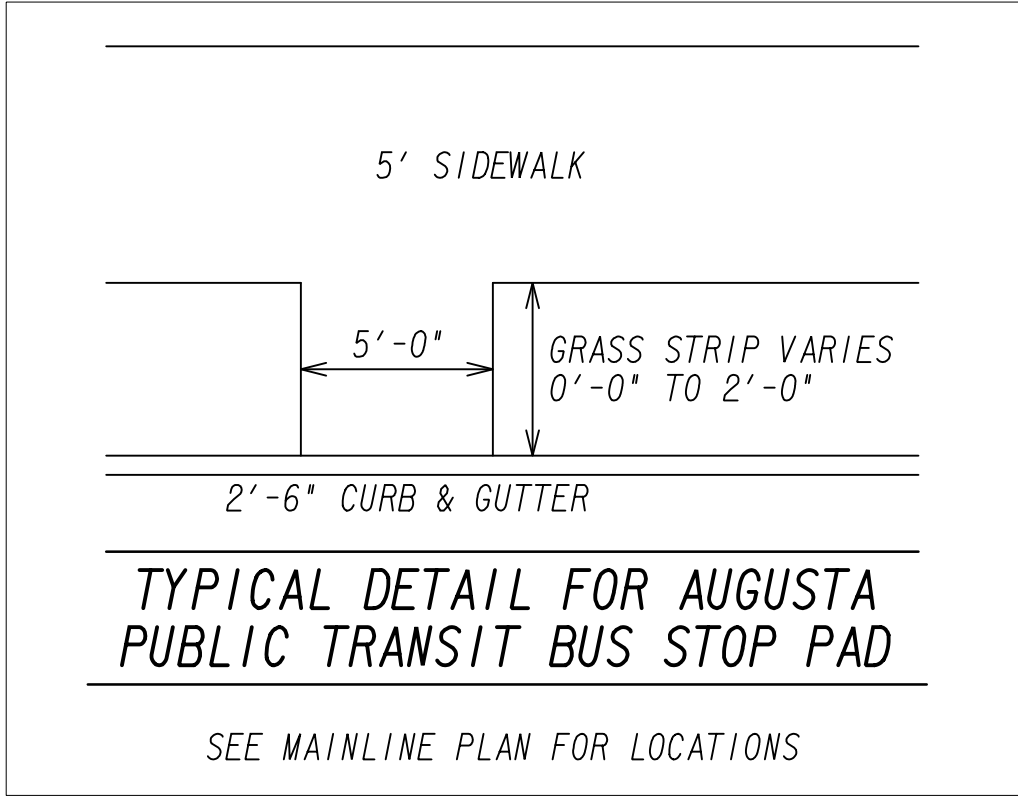
TYPICAL SECTIONS  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	05-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

TIE PROPOSED CURB AND GUTTER TO EXISTING PARKING LOT SLOPE SIDEWALK AS REQUIRED



REPLACE EXISTING CURB AND GUTTER AT EXISTING EDGE OF PAVEMENT ELEVATION



**ALLOWABLE RANGES TABLE**

FOR THIS PROJECT, CROSS SLOPES THAT ARE ADJUSTED TO "BEST FIT" EXISTING PAVEMENT SLOPES ARE SUBJECT TO THE FOLLOWING LIMITS:

**A. NORMAL CROWN**

SECTION WITH GRADES 0.5% OR GREATER	SECTION WITH GRADES LESS THAN 0.5%
0.0150 FT/FT - MINIMUM	0.0156 FT/FT - MINIMUM
0.0208 FT/FT - DESIRABLE	0.0208 FT/FT - DESIRABLE
0.0250 FT/FT - MAXIMUM	0.0300 FT/FT - MAXIMUM

**B. SUPERELEVATION RATE**

S.E. RATE SHOWN ON PLANS OR SE RATE EXISTING IN FIELD, WHICHEVER IS GREATER.

**C. SUPERELEVATION TRANSITION LENGTH (LENGTH FROM FLAT POINT TO FULL SE)**

RATE OF CHANGE	CORRESPONDING DIFFERENCE IN GRADE BETWEEN PIVOT POINT AND EDGE OF PAVEMENT
MINIMUM 1:150	0.67%
DESIRABLE 1:200	0.50%
MAXIMUM 1:300	0.33%

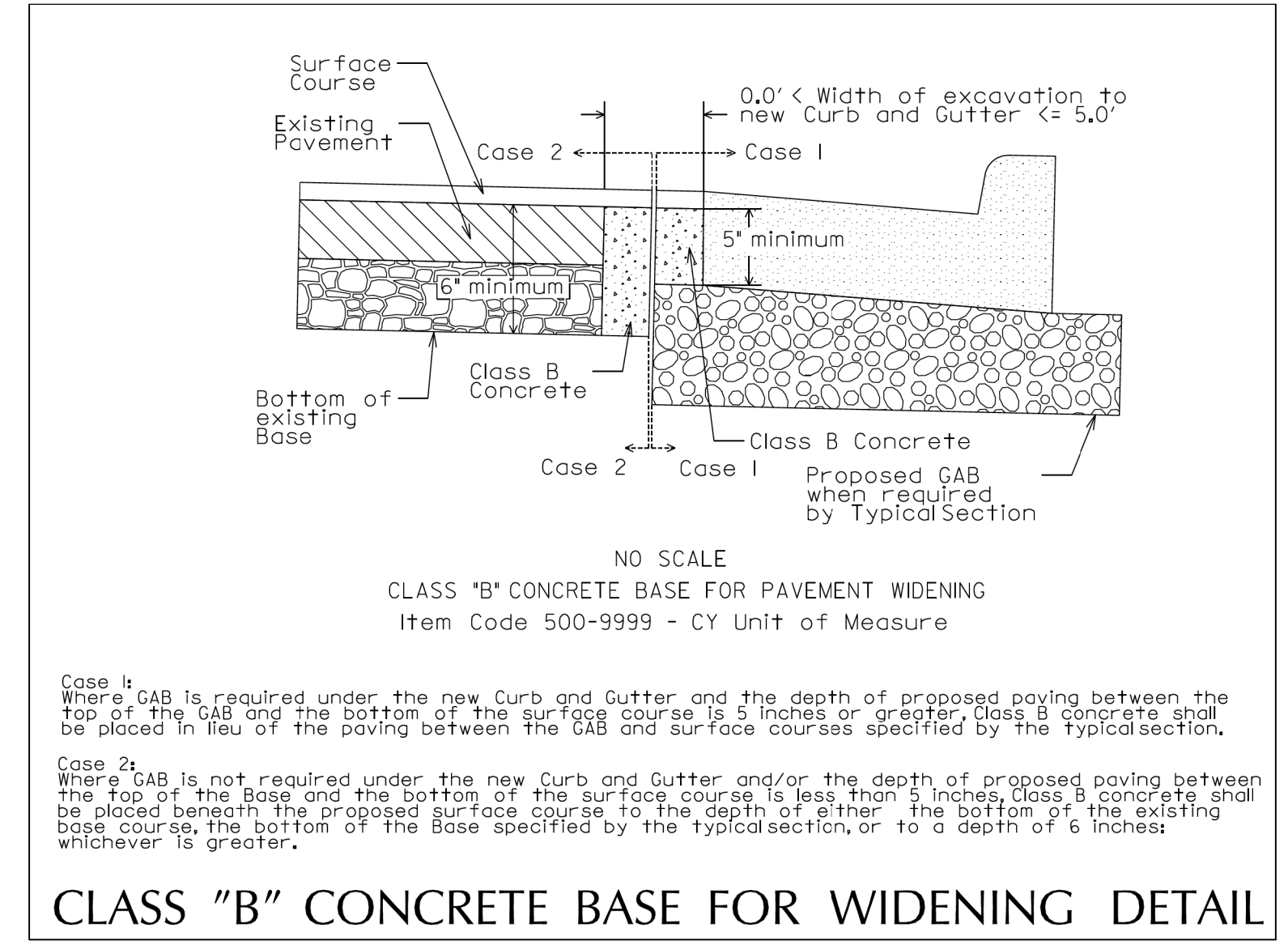
LENGTH SHALL BE SET TO AVOID CREATING A FLAT GUTTER GRADE ON LOW SIDE AND TO AVOID FLAT CROSS SLOPES AT OR NEAR THE LOW POINT OF VERTICAL CURVES.

**D. POSITIONING OF SUPERELEVATION TRANSITION LENGTH ON SIMPLE CURVES**

- 50% OF TRANSITION INSIDE CURVE - MAXIMUM
- 33% OF TRANSITION INSIDE CURVE - DESIRABLE
- 20% OF TRANSITION INSIDE CURVE - MINIMUM

NOTE: CROWN WIPE-OUT SHALL BE AT THE SAME RATE AS THE SE TRANSITION.

**E. SMOOTHING OF BREAKS IN EDGE PROFILE AT BEGIN AND END OF TRANSITION SHALL BE ACCOMPLISHED BY VERTICAL CURVE WITH A MINIMUM LENGTH (IN FEET) EQUAL TO THE SPEED DESIGN (IN MPH).**



**CLASS "B" CONCRETE BASE FOR WIDENING DETAIL**

NOTE:  
1. LIGHTING WILL BE CONSTRUCTED ALONG THE ENTIRE LENGTH OF THE PROJECT. REFER TO SHEETS 25-0001 TO 25-0011 FOR LIGHTING PLANS.

- REQUIRED ITEMS**
- (A) RECYCLED ASPH CONC 12.5 mm SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME (165 LB/SY)
  - (B) RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL POLYMER-MODIFIED BITUM MATL & H LIME (275 LB/SY)
  - (C) MILL ASPH CONC PVMT, 4 IN DEPTH
  - (D) MILL ASPH CONC PVMT, 1 1/2 IN DEPTH
  - (E) SOD
  - (F) GR AGGR BASE CRS, 8", INCL MATL
  - (G) CONC CURB & GUTTER, 8" X 30", TP 2, GDOT STD. 9032B
  - (H) CONC SIDEWALK, 4"



NOT TO SCALE

**REVISION DATES**

NO.	DATE	DESCRIPTION

**TYPICAL SECTIONS WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE**

CHECKED:	DATE:	DRAWING No. <b>05-0003</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



# SUMMARY OF QUANTITIES

TRAFFIC CONTROL 150-1000	
PROJECT NO. 0013375	LUMP SUM

GRADING COMPLETE 210-0100	
PROJECT NO. 0013375	LUMP SUM

CONCRETE SIDEWALK 4 IN 441-0104	
TOTAL	10697 SY

CONCRETE SIDEWALK 8 IN 441-0104	
TOTAL	1985 SY

CONCRETE HEADER CURB, 6 IN TP 2 441-5002	
TOTAL	542 LF

30 IN CONCRETE CURB & GUTTER, TP 2 441-6222	
TOTAL	678 LF

CONCRETE MEDIAN, 6 IN 441-0748	
TOTAL	53 SY

CLASS B CONC, BASE OR PVMT WIDENING 500-9999	
TOTAL	12 CY

RIGHT OF WAY MARKERS 634-1200	
TOTAL	21 EA

CHANGEABLE PORTABLE MESSAGE SIGN, TYPE 3; 632-0003	
TOTAL	4 EA

ROADWAY SURFACING QUANTITIES						
PAY ITEM	ITEMS	UNIT	WRIGHTSBORO ROAD	SIDERoads	DRIVEWAYS	TOTAL
310-1101	GR AGGR BASE CRS, INCL. MAT'L	TN	188		433	621
318-3000	AGGR SURF CRS	TN			2668	2668
402-1801	RECYCLED ASPH CONC. PATCHING INCL. BITUM MATL	TN	200X			2600
402-4510	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME	TN	6156	221	106	6483
402-4514	RECYCLED ASPH CONC 19 MM SUPERPAVE, GP1 OR 2, INCL BITUM MATL & H LIME	TN	10260		74	10334
413-0750	TACK COAT	GAL	8955	161	117	9233
432-0216	MILL ASPH CONC PVMT, 4 IN	SY	74617	2668		77285
432-5010	MILL ASPH CONC PVMT, VARIABLE DEPTH	SY	667			667
441-4030	CONCRETE VALLEY GUTTER, 8 IN	SY			456	456
444-1000	SAWED JOINTS IN EXIST PAVEMENTS - PCC	LF			340	340
441-0016	DRIVEWAY CONCRETE, 6 IN TK	SY			14	14
441-0018	DRIVEWAY CONCRETE, 8 IN TK	SY			2168	2168

WALL #1 STA. 118+55 - 119+51 GRAVITY WALL			
PAY ITEM	ITEMS	UNIT	TOTAL
500-3107	CLASS A CONCRETE, RETAINING WALL	CY	26
515-2020	GALV STEEL PIPE HANDRAIL, 2 IN, ROUND	LF	96
530-0105	WATERPROOFING	SY	2.87

WALL #2 STA. 159+25 - 161+20 GRAVITY WALL			
PAY ITEM	ITEMS	UNIT	TOTAL
500-3201	CLASS B CONCRETE, RETAINING WALL	CY	55
530-0105	WATERPROOFING	SY	8.83

WALL #3 STA. 166+06 - 167+04 SPECIAL DESIGN WALL			
PAY ITEM	ITEMS	UNIT	TOTAL
500-3107	CLASS A CONCRETE, RETAINING WALL	CY	16
511-1000	BAR REINF STEEL	LB	809
530-0105	WATERPROOFING	SY	2.67

DRIVEWAYS				
NUMBER	LOCATION	LENGTH	WIDTH	MATERIAL
62	173+24	59.39'	25'	CONCRETE
76	191+30	49.11'	24'	ASPHALT
77	201+91	47.40'	14'	ASPHALT
78	202+83	46.32'	14'	ASPHALT
79	203+07	45.49'	14'	CONCRETE
80	204+06	47.44'	14'	ASPHALT
81	204+79	52.19'	14'	ASPHALT
82	205+04	43.57'	14'	ASPHALT
83	205+59	46.30'	14'	ASPHALT
84	205+86	47.24'	14'	ASPHALT
85	206+40	45.10'	14'	ASPHALT
86	207+09	43.73'	18'	ASPHALT
87	207+86	43.12'	14'	ASPHALT
88	209+13	43.12'	13'	ASPHALT
89	209+91	48.56'	12'	ASPHALT
90	210+49	45.85'	12'	ASPHALT
91	210+60	43.41'	11'	ASPHALT
92	211+95	48.99'	23'	ASPHALT
93	213+24	43.29'	19'	ASPHALT
94	214+24	48.29'	11'	ASPHALT
95	214+38	50.36'	10'	ASPHALT
96	215+91	43.12'	11'	ASPHALT
97	216+52	53.08'	20'	ASPHALT
98	217+78	47.21'	11'	ASPHALT
99	218+77	43.12'	12'	ASPHALT
100	219+50	45.83'	11'	ASPHALT
101	220+53	43.15'	12'	ASPHALT
102	220+77	44.90'	12'	ASPHALT
103	221+60	44.02'	12'	ASPHALT
106	227+33	47.65'	42'	ASPHALT
109	234+90	46.46'	33'	ASPHALT

NOTE: FOR INFORMATION ONLY, QUANTITIES WITH ROADWAY ITEMS



REVISION DATES		SUMMARY QUANTITIES	
		WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	06-0001	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

# SUMMARY OF QUANTITIES

## EROSION CONTROL

TEMPORARY GRASSING 163-0232	
TOTAL	1 AC

MAINTENANCE OF TEMPORARY SILT FENCE, TYPE A 165-0010	
TOTAL	7200 LF

SOD 700-9300	
TOTAL	25394 SY

MULCH 163-0240	
TOTAL	77 TN

MAINTENANCE OF INLET SEDIMENT TRAP 165-0105	
TOTAL	134 EA

AGRICULTURAL LIME 700-7000	
TOTAL	6 TN

MAINTENANCE OF CONSTRUCTION EXIT 165-0101	
TOTAL	1 EA

WATER QUALITY MONITORING & SAMPLING 167-1000	
TOTAL	1 EA

FERTILIZER, MIXED GRADE 700-8000	
TOTAL	3 TN

CONSTRUCT AND REMOVE CONSTRUCTION EXIT 163-0301	
TOTAL	1 EA

WATER QUALITY INSPECTIONS 167-1500	
TOTAL	18 MO

FERTILIZER, NITROGEN CONTENT 700-8100	
TOTAL	100 LB

MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH AREA 165-0310	
TOTAL	1 EA

TEMPORARY SILT FENCE, TYPE A 171-0010	
TOTAL	14300 LF

EROSION CONTROL MATS, SLOPES 716-2000	
TOTAL	2500 SY

CONSTRUCT AND REMOVE INLET SEDIMENT TRAP 163-0550	
TOTAL	134 EA

## ROADWAY MARKING QUANTITIES

PAY ITEM	ITEMS	UNIT	WRIGHTSBORO ROAD	SIDE ROADS	TOTAL
653-0120	THERMOPLASTIC PVMT MARKING, ARROW, TP 2	EA	95		95
653-0130	THERMOPLASTIC PVMT MARKING, ARROW, TP 3	EA	2		2
653-1501	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE	LF	25421		25421
653-1502	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW	LF	21150	302	21452
653-1704	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE	LF	727		727
653-1804	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE	LF	16356		16356
653-3501	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, WHITE	GLF	18609		18609
653-3502	THERMOPLASTIC SKIP TRAF STRIPE, 5 IN, YELLOW	GLF	15576		15576
653-6004	THERMOPLASTIC TRAFFIC STRIPING, WHITE	SY	300		300
653-6006	THERMOPLASTIC TRAFFIC STRIPING, YELLOW	SY	110		110
654-1001	RAISED PVMT MARKERS TP 1	EA	1568		1568
654-1003	RAISED PVMT MARKERS TP 3	EA	2512		2512

## LIGHTING

LIGHTING (LED LUMINAIRE & POLE) 680-4110	
TOTAL	389 EA

LUMINAIRE AND POLE INSTALLATION 999-0014	
TOTAL	389 EA

### REVISION DATES


### SUMMARY QUANTITIES

WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	06-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	



# SUMMARY OF QUANTITIES

RESET SIGN 611-5551	
TOTAL	51 EA

RECONSTR. DROP INLET, GROUP 1 611-3010	
TOTAL	1 EA

ADJUST CATCH BASIN TO GRADE 611-8000	
TOTAL	113 EA

ADJUST MANHOLE TO GRADE 611-8050	
TOTAL	12 EA

STANDARD SIGNS																	
SIGNS (TYPE 1)																	
				TYPE IX REFLECTIVE SHEETING 636-1033					TYPE XI REFLECTIVE SHEETING 636-1036			POST Type 7 636-2070			TYPE 8 636-2080		
STATION	ROAD NAME	INSTL NO.	CODE	SIZE	QUANTITY	SQUARE FEET	SIZE	QUANTITY	SQUARE FEET	LENGTH (FEET)	QUANTITY	TOTAL LENGTH	LENGTH (FEET)	QUANTITY	TOTAL LENGTH		
143+95	WRIGHTSBORO ROAD	1	R1-1				36X36	1	9	13	1	13					
144+87	FOX TRACE	2	R1-1				36X36	1	9				14.5	1	14.5		
			D3-1				48X9	1	3								
			D3-1				60X9	1	3.75								
151+86	WRIGHTSBORO ROAD	3	R4-7C	18X30	1	3.75				12.5	1	12.5					
151+91	CHAMPAGNE AVENUE	4	R1-1				36X36	1	9				14.5	1	14.5		
			D3-1				54X9	1	3.375								
			D3-1				60X9	1	3.75								
157+94	VALLEY PARK DRIVE	5	R1-1				36X36	1	9				14.5	1	14.5		
			D3-1				66X9	1	4.125								
			D3-1				60X9	1	3.75								
161+48	DW	6	R1-1				36X36	1	9	13	1	13					
161+68	DW	7	R5-1				36X36	1	9	13	1	13					
161+96	VALLEY PARK COURT	8	R1-1				36X36	1	9				14.5	1	14.5		
			D3-1				60X9	1	3.75								
			D3-1				60X9	1	3.75								
165+22	WRIGHTSBORO ROAD	9	R560-5	18X24	1	3			12	1	12						
166+18	WRIGHTSBORO ROAD	10	R560-5	18X24	1	3			12	1	12						
173+07	DW	11	R1-1				36X36	1	9	13	1	13					
178+59	DW	12	R1-1				36X36	1	9	13	1	13					
182+09	DW	13	R1-1				36X36	1	9	13	1	13					
184+10	HIRES STREET	14	R1-1				36X36	1	9				14.5	1	14.5		
			D3-1				30X9	1	1.875								
			D3-1				60X9	1	3.75								
198+53	MAGNOLIA DRIVE	15	R1-1				36X36	1	9				14.5	1	14.5		
			D3-1				48X9	1	3								
			D3-1				60X9	1	3.75								
224+97	DW	16	R1-1				36X36	1	9	13	1	13					
227+03	DW	17	R1-1				36X36	1	9	13	1	13					
240+92	IRIS DRIVE	18	R1-1				36X36	1	9				14.5	1	14.5		
			D3-1				30X9	1	1.875								
			D3-1				60X9	1	3.75								
240+92	WRIGHTSBORO ROAD	19	R3-7R	30X30	1												
242+58	WRIGHTSBORO ROAD	20	I-5	24X24	1	4							15	1	15		
			W1-6R	24x12	1	2											
			I-3	18X24	1	3											
243+09	WRIGHTSBORO ROAD	21	R3-7R	30X30	1												
243+52	WRIGHTSBORO ROAD	22	R560-5	18X24	1	3											
248+24	OHIO AVENUE	23	R1-1				36X36	1	9				14.5	1	14.5		
			D3-1				30X9	1	1.875								
			D3-1				60X9	1	3.75								
<b>TOTAL</b>					<b>9</b>	<b>21.75</b>		<b>32</b>	<b>196.875</b>		<b>11</b>	<b>140.5</b>		<b>9</b>	<b>131</b>		



REVISION DATES


**SUMMARY QUANTITIES**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	<b>06-0003</b>
CORRECTED:	DATE:	
VERIFIED:	DATE:	

# SUMMARY OF QUANTITIES

## LANDSCAPING

## SIGNALS

PERSIAN PARROTIA 999-2015	
TOTAL	4 EA

PRINCETON AMERICAN ELM 702-1081	
TOTAL	4 EA

ROSE CREEK ABELIA 702-0006	
TOTAL	82 EA

CINNAMON GIRL DISTYLIUM 999-2015	
TOTAL	343 EA

AUGUST BEAUTY GARDENIA 702-0280	
TOTAL	28 EA

DWARF BURFORD HOLLY (TREE FORM) 999-2015	
TOTAL	23 EA

JAZZ HANDS DWARF PINK LOROPETALUM 702-0610	
TOTAL	730 EA

ADAGIO EULALIA GRASS 999-2015	
TOTAL	433 EA

HEAVY METAL SWITCH GRASS 702-0719	
TOTAL	675 EA

LEMON DRIFT ROSE 702-0981	
TOTAL	316 EA

ORANGE DAYLILY 702-0063	
TOTAL	480 EA

STELLA DE ORO DAYLILY 702-0330	
TOTAL	1389 EA

CREeping PHLOX 702-0727	
TOTAL	378 EA

SOD 700-9300	
TOTAL	2686 SY

HYBRID BERMUSA SEED 700-9610	
TOTAL	1 AC

IRRIGATION 766-7020	
TOTAL	78088 SF

LANDSCAPE MULCH 702-9025	
TOTAL	4500 SY

PLANTING SOIL MIX 708-1000	
TOTAL	101 CY

TRAFFIC SIGNAL INSTALLATION NO - 1 WRIGHTSBORO RD 647-1000	
PROJECT NO. 22TP007	LUMP SUM

TRAFFIC SIGNAL INSTALLATION NO - 2 WRIGHTSBORO RD 647-1000	
PROJECT NO. 22TP007	LUMP SUM

TRAFFIC SIGNAL INSTALLATION NO - 3 WRIGHTSBORO RD 647-1000	
PROJECT NO. 22TP007	LUMP SUM

TRAFFIC SIGNAL INSTALLATION NO - 4 WRIGHTSBORO RD 647-1000	
PROJECT NO. 22TP007	LUMP SUM

TRAFFIC SIGNAL INSTALLATION NO - 5 WRIGHTSBORO RD 647-1000	
PROJECT NO. 22TP007	LUMP SUM

INTERNALLY ILLUMINATED STREET SIGN DOUBLE SIDED 647-3000	
TOTAL	21 EA

INTERNALLY ILLUMINATED STREET SIGN CONTROL ASSEMBLY 647-3100	
TOTAL	21 EA

CCTV SYSTEM, TYPE H 936-1010	
TOTAL	5 EA

CONDUIT AND BORING QUANTITIES			
GDOT PAY ITEM	ITEMS	UNIT	TOTAL
615-1100	DIRECTIONAL BORE - 5 IN	LF	264
615-1100	DIRECTIONAL BORE - 5 IN	LF	235
615-1100	DIRECTIONAL BORE - 5 IN	LF	159
615-1100	DIRECTIONAL BORE - 5 IN	LF	273
615-1100	DIRECTIONAL BORE - 5 IN	LF	272
682-6222	CONDUIT, NONMETAL, TP 2, 2 IN	LF	1056
682-6222	CONDUIT, NONMETAL, TP 2, 2 IN	LF	1000
682-6222	CONDUIT, NONMETAL, TP 2, 2 IN	LF	636
682-6222	CONDUIT, NONMETAL, TP 2, 2 IN	LF	1110
682-6222	CONDUIT, NONMETAL, TP 2, 2 IN	LF	1238

ELECTRICAL POWER SERVICE ASSEMBLY, AERIAL SERVICE POINT 939-5010	
TOTAL	5 EA

INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A 937-6050	
TOTAL	5 EA

OUTPUT EXPANSION MODULE, TYPE A 937-6100	
TOTAL	5 EA

SIGNAL POLE QUANTITIES			
PAY ITEM	ITEMS	UNIT	QTY
639-3004	STEEL STRAIN POLE, TP IV - WITH 35 FT MAST ARM	EA	3
639-3004	STEEL STRAIN POLE, TP IV - WITH 40 FT MAST ARM	EA	1
639-3004	STEEL STRAIN POLE, TP IV - WITH 45 FT MAST ARM	EA	2
639-3004	STEEL STRAIN POLE, TP IV - WITH 50 FT MAST ARM	EA	2
639-3004	STEEL STRAIN POLE, TP IV - WITH 55 FT MAST ARM	EA	6
639-3004	STEEL STRAIN POLE, TP IV - WITH 35 FT & 55 FT MAST ARM	EA	1
639-3004	STEEL STRAIN POLE, TP IV - WITH 55 FT & 65 FT MAST ARM	EA	1

NOTE: SEE 27-SERIES PLANS FOR LOCATIONS.

 Drawing Copyright © 2020 6745 Sugarloaf Parkway, Suite 100 Duluth, GA 30097 770.447.8999 - www.chacompanies.com	REVISION DATES <table border="1"> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </table>																<b>SUMMARY QUANTITIES</b> WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE
CHECKED: _____ DATE: _____ BACKCHECKED: _____ DATE: _____ CORRECTED: _____ DATE: _____ VERIFIED: _____ DATE: _____	DRAWING No. <b>06-0004</b>																

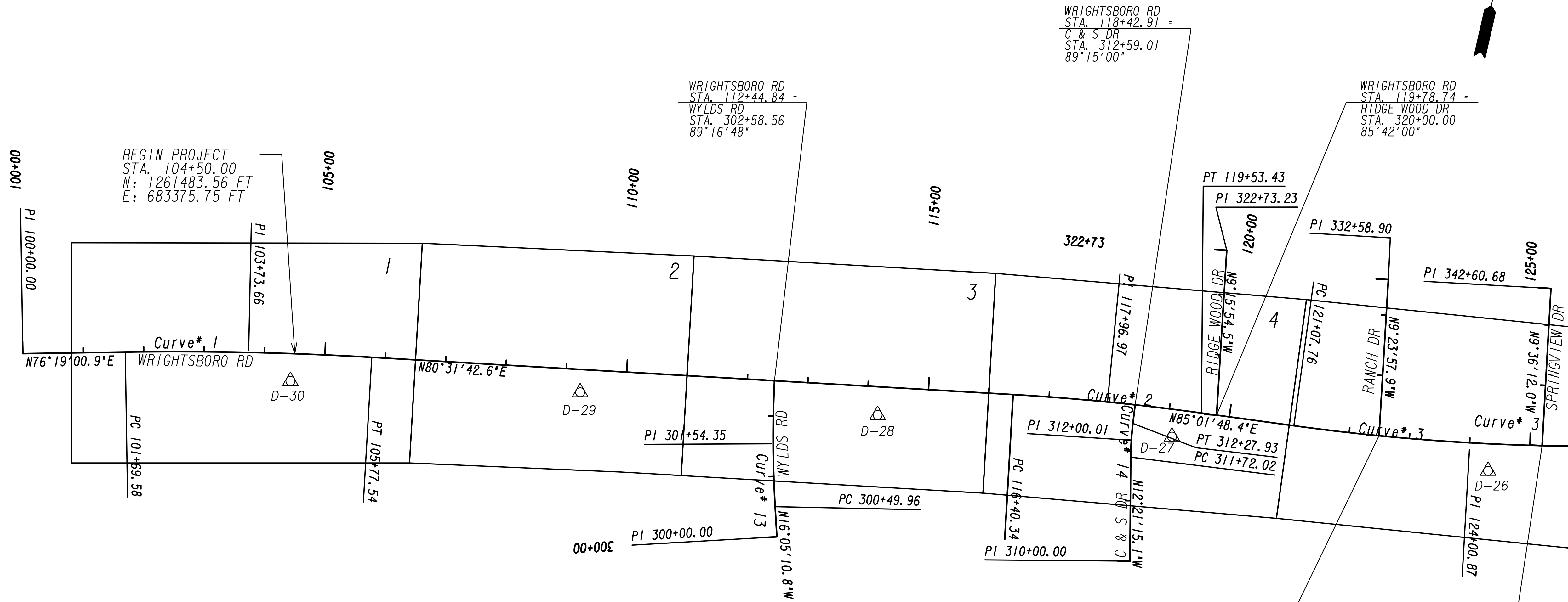
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 N= 1261472.4068  
 E= 683300.0170  
 DELTA= 4°12'41.7" (RT)  
 D= 1°01'56.48"  
 T= 204.07  
 L= 407.96  
 R= 5550.00  
 E= 3.75

Curve\* 2  
 PI Sta= 117+96.97  
 N= 1261706.6525  
 E= 684704.1050  
 DELTA= 4°30'05.7" (RT)  
 D= 1°26'16.03"  
 T= 156.63  
 L= 313.09  
 R= 3985.00  
 E= 3.08

Curve\* 3  
 PI Sta= 124+00.87  
 N= 1261758.9838  
 E= 685305.8954  
 DELTA= 9°10'11.8" (LT)  
 D= 1°34'03.36"  
 T= 293.11  
 L= 584.97  
 R= 3655.00  
 E= 11.73

Curve\* 13  
 PI Sta= 301+54.35  
 N= 1261513.0227  
 E= 684177.8371  
 DELTA= 5°58'33.6" (RT)  
 D= 2°51'53.24"  
 T= 104.40  
 L= 208.60  
 R= 2000.00  
 E= 2.72

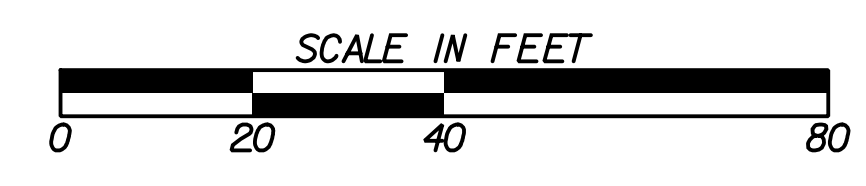
Curve\* 14  
 PI Sta= 312+00.01  
 N= 1261650.3722  
 E= 684756.3096  
 DELTA= 6°24'24.5" (RT)  
 D= 1°27'32.96"  
 T= 27.98  
 L= 55.91  
 R= 500.00  
 E= 0.78



CONTROL POINT LABEL	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
D-30	104+44.36	45.37' RT	1261437.9400	683378.7543	374.44	D-30 4RBWC
D-29	109+24.97	37.72' RT	1261525.9540	683850.2030	375.82	D-29 4RBWC
D-28	114+18.45	46.61' RT	1261598.3920	684338.4241	380.38	D-28 4RBWC
D-27	119+09.95	45.09' RT	1261671.3390	684821.2595	382.35	D-27 4RBWC
D-26	124+32.76	44.78' RT	1261732.0030	685343.8208	376.60	D-26 4RBWC

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

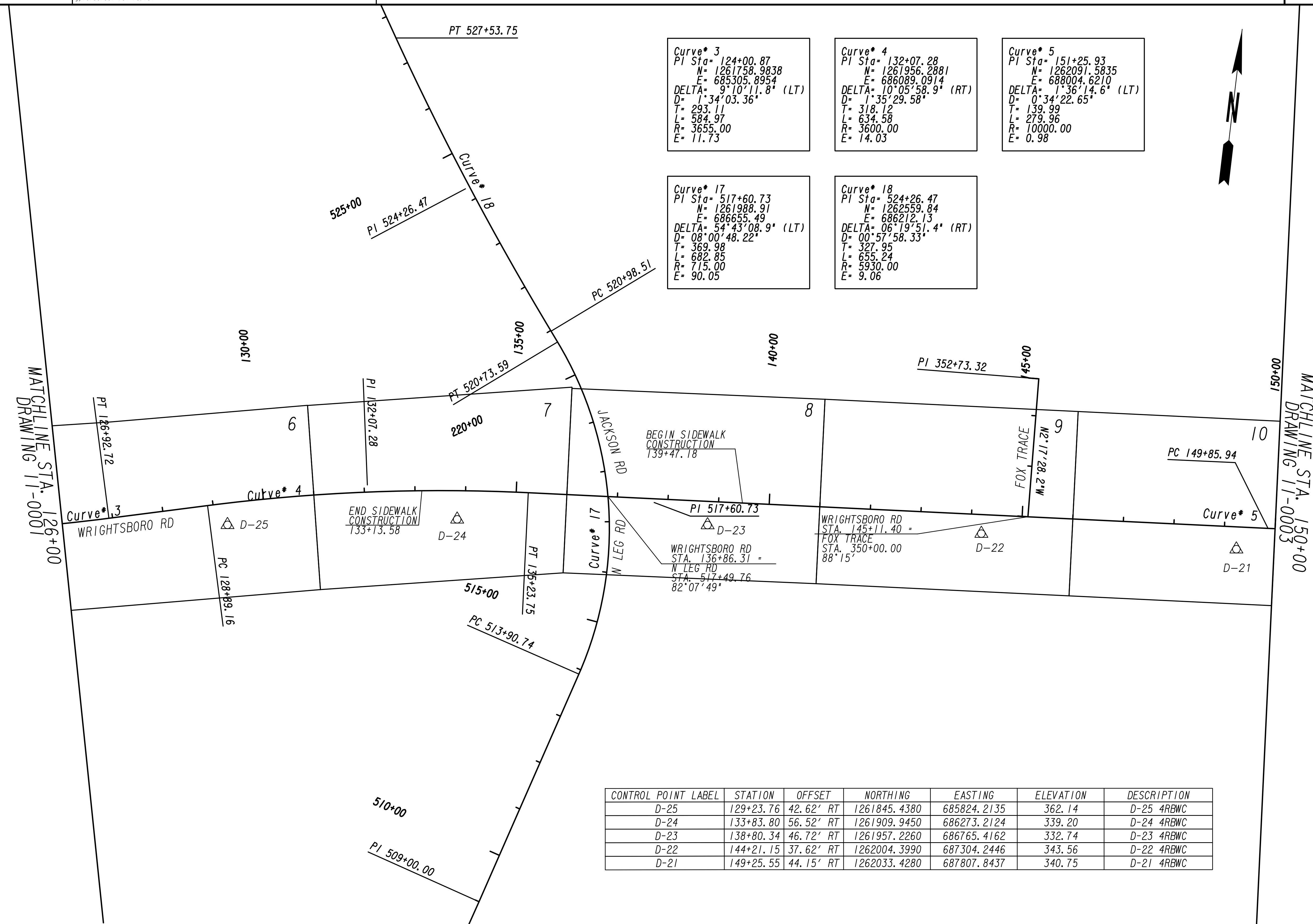
---P--- BEGIN LIMIT OF ACCESS.....BLA  
 ---E--- END LIMIT OF ACCESS.....ELA  
 ---C---F--- LIMIT OF ACCESS  
 ---H---H--- REQ'D R/W & LIMIT OF ACCESS  
 ---X---X--- ORANGE BARRIER FENCE  
 ---•---•--- ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**CONSTRUCTION LAYOUT**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>11-0001</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Curve\* 3  
 PI Sta= 124+00.87  
 N= 1261758.9838  
 E= 685305.8954  
 DELTA= 9°10'11.8" (LT)  
 D= 1°34'03.36"  
 T= 293.11  
 L= 584.97  
 R= 3655.00  
 E= 11.73

Curve\* 4  
 PI Sta= 132+07.28  
 N= 1261956.2881  
 E= 686089.0914  
 DELTA= 10°05'58.9" (RT)  
 D= 1°35'29.58"  
 T= 318.12  
 L= 634.58  
 R= 3600.00  
 E= 14.03

Curve\* 5  
 PI Sta= 151+25.93  
 N= 1262091.5835  
 E= 688004.6210  
 DELTA= 1°36'14.6" (LT)  
 D= 0°34'22.65"  
 T= 139.99  
 L= 279.96  
 R= 10000.00  
 E= 0.98

Curve\* 17  
 PI Sta= 517+60.73  
 N= 1261988.91  
 E= 686655.49  
 DELTA= 54°43'08.9" (LT)  
 D= 08°00'48.22"  
 T= 369.98  
 L= 682.85  
 R= 715.00  
 E= 90.05

Curve\* 18  
 PI Sta= 524+26.47  
 N= 1262559.84  
 E= 686212.13  
 DELTA= 06°19'51.4" (RT)  
 D= 00°57'58.33"  
 T= 327.95  
 L= 655.24  
 R= 5930.00  
 E= 9.06

CONTROL POINT LABEL	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
D-25	129+23.76	42.62' RT	1261845.4380	685824.2135	362.14	D-25 4RBWC
D-24	133+83.80	56.52' RT	1261909.9450	686273.2124	339.20	D-24 4RBWC
D-23	138+80.34	46.72' RT	1261957.2260	686765.4162	332.74	D-23 4RBWC
D-22	144+21.15	37.62' RT	1262004.3990	687304.2446	343.56	D-22 4RBWC
D-21	149+25.55	44.15' RT	1262033.4280	687807.8437	340.75	D-21 4RBWC

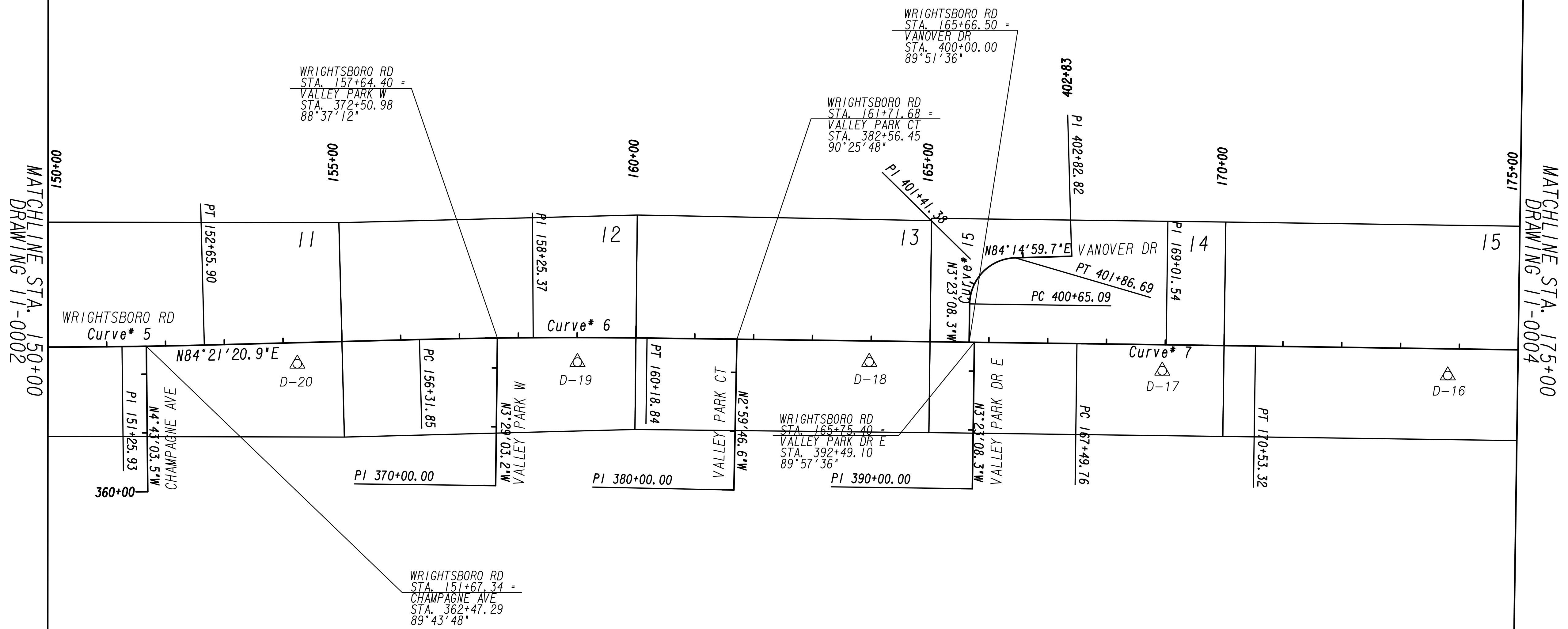


**CONSTRUCTION LAYOUT**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

REVISION DATES	

CHECKED:	DATE:	DRAWING No. <b>11-0002</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

<b>Curve* 5</b> PI Sta= 151+25.93 N= 1262091.5835 E= 688004.6210 DELTA= 1°36'14.6" (LT) D= 0°34'22.65" T= 139.99 L= 279.96 R= 10000.00 E= 0.98	<b>Curve* 6</b> PI Sta= 158+25.37 N= 1262160.3755 E= 688700.6867 DELTA= 2°13'02.2" (RT) D= 0°34'22.65" T= 193.52 L= 386.99 R= 10000.00 E= 1.87	<b>Curve* 7</b> PI Sta= 169+01.54 N= 1262224.7069 E= 689774.9809 DELTA= 0°05'13.1" (RT) D= 0°01'43.13" T= 151.78 L= 303.55 R= 200000.00 E= 0.06	<b>Curve* 15</b> PI Sta= 401+41.38 N= 1262345.8082 E= 689432.1850 DELTA= 87°38'08.0" (RT) D= 72°04'12.59" T= 76.29 L= 121.60 R= 79.50 E= 30.68
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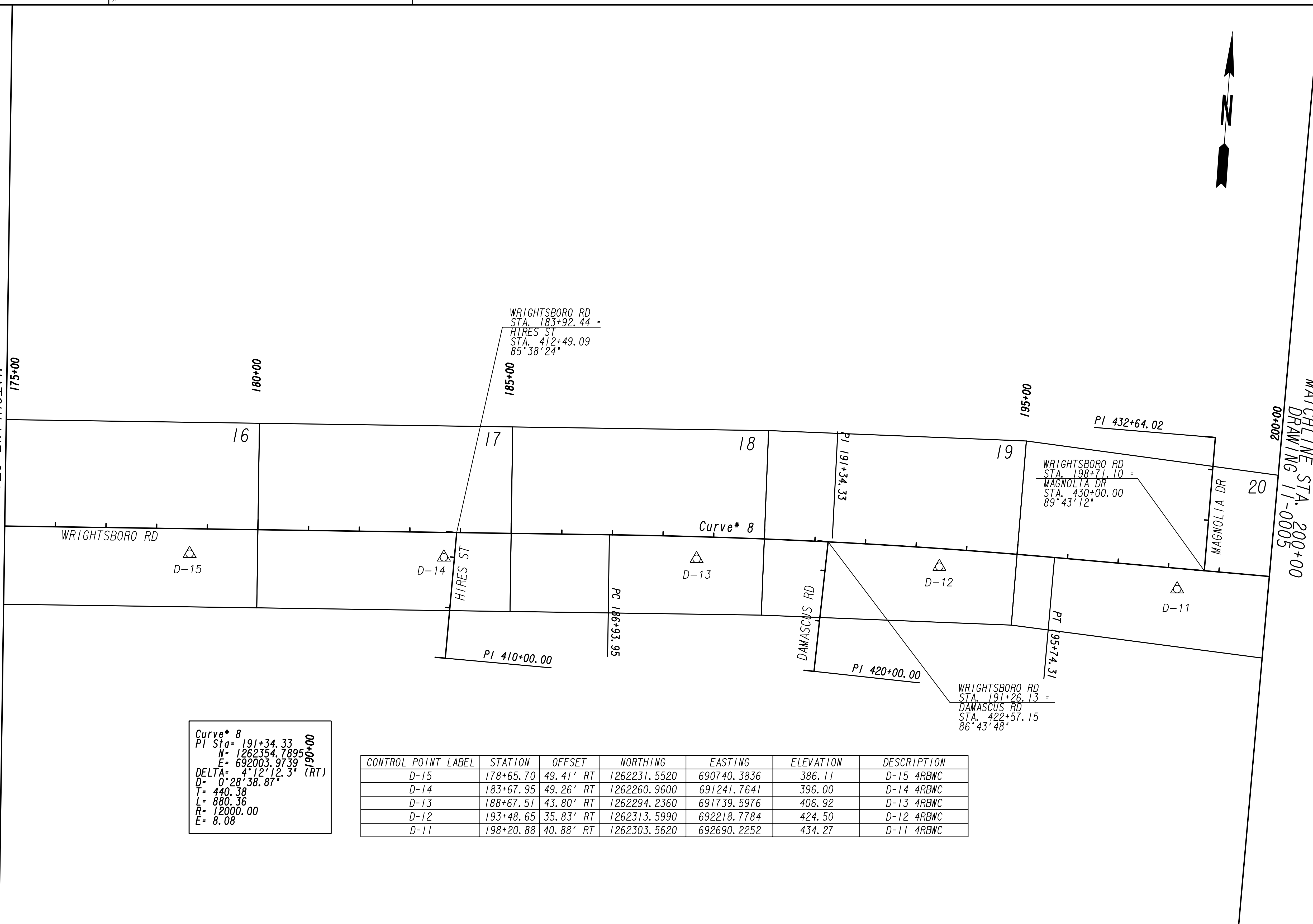
CONTROL POINT LABEL	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
D-20	154+23.16	35.87' RT	1262085.1260	688303.9531	351.90	D-20 4RBWC
D-19	159+00.54	41.70' RT	1262122.5840	688778.7991	361.89	D-19 4RBWC
D-18	163+97.15	35.81' RT	1262158.8150	689273.6335	364.48	D-18 4RBWC
D-17	168+95.44	44.24' RT	1262180.1270	689771.5058	368.70	D-17 4RBWC
D-16	173+81.02	45.41' RT	1262207.3070	690256.2874	376.82	D-16 4RBWC

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	CHECKED: _____ DATE: _____ BACKCHECKED: _____ DATE: _____ CORRECTED: _____ DATE: _____ VERIFIED: _____ DATE: _____	DRAWING No. <b>11-0003</b>



MATCHLINE STA. 175+00  
DRAWING 11-0003

MATCHLINE STA. 200+00  
DRAWING 11-0005



Curve\* 8  
 PI Sta= 191+34.33  
 N= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0°28'38.87"  
 T= 440.38  
 L= 880.36  
 R= 12000.00  
 E= 8.08

CONTROL POINT LABEL	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
D-15	178+65.70	49.41' RT	1262231.5520	690740.3836	386.11	D-15 4RBWC
D-14	183+67.95	49.26' RT	1262260.9600	691241.7641	396.00	D-14 4RBWC
D-13	188+67.51	43.80' RT	1262294.2360	691739.5976	406.92	D-13 4RBWC
D-12	193+48.65	35.83' RT	1262313.5990	692218.7784	424.50	D-12 4RBWC
D-11	198+20.88	40.88' RT	1262303.5620	692690.2252	434.27	D-11 4RBWC

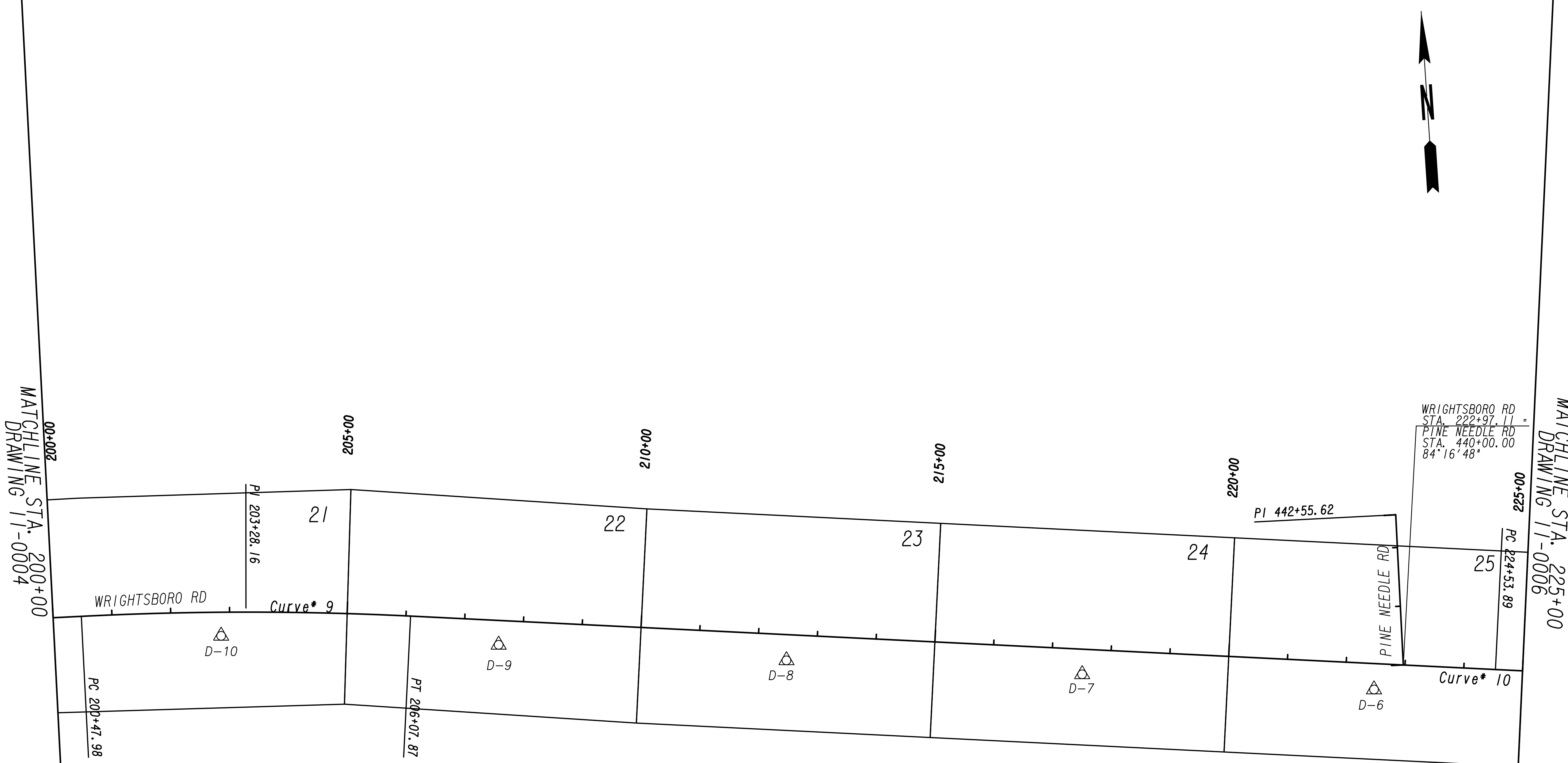
REVISION DATES	

**CONSTRUCTION LAYOUT**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>11-0004</b>
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VERIFIED:	DATE:	







WRIGHTSBORO RD  
 STA. 222+97.11 =  
 PINE NEEDLE RD  
 STA. 440+00.00  
 84°16'48"

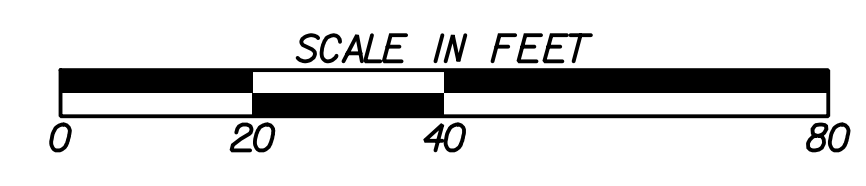
Curve\* 9  
 PI Sta= 203+28.16  
 N= 1262336.7929  
 E= 693198.0633  
 DELTA= 5°43'42.5" (RT)  
 D= 1°01'23.30"  
 T= 280.18  
 L= 559.89  
 R= 5600.00  
 E= 7.00

Curve\* 10  
 PI Sta= 226+17.97  
 N= 1262073.8744  
 E= 695473.2041  
 DELTA= 1°34'00.3" (LT)  
 D= 0°28'38.87"  
 T= 164.08  
 L= 328.14  
 R= 12000.00  
 E= 1.12

CONTROL POINT LABEL	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
D-10	202+85.43	40.21' RT	1262292.2610	693152.8802	429.21	D-10 4RBWC
D-9	207+59.74	41.40' RT	1262246.0730	693622.5064	423.35	D-9 4BWC
D-8	212+49.55	43.75' RT	1262187.5010	694108.8006	424.05	D-8 4RBWC
D-7	217+52.62	42.67' RT	1262130.8270	694608.6706	428.55	D-7 4RBWC
D-6	222+49.38	44.07' RT	1262072.4130	695101.9900	426.41	D-6 4RBWC

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

---P--- 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)



REVISION DATES	

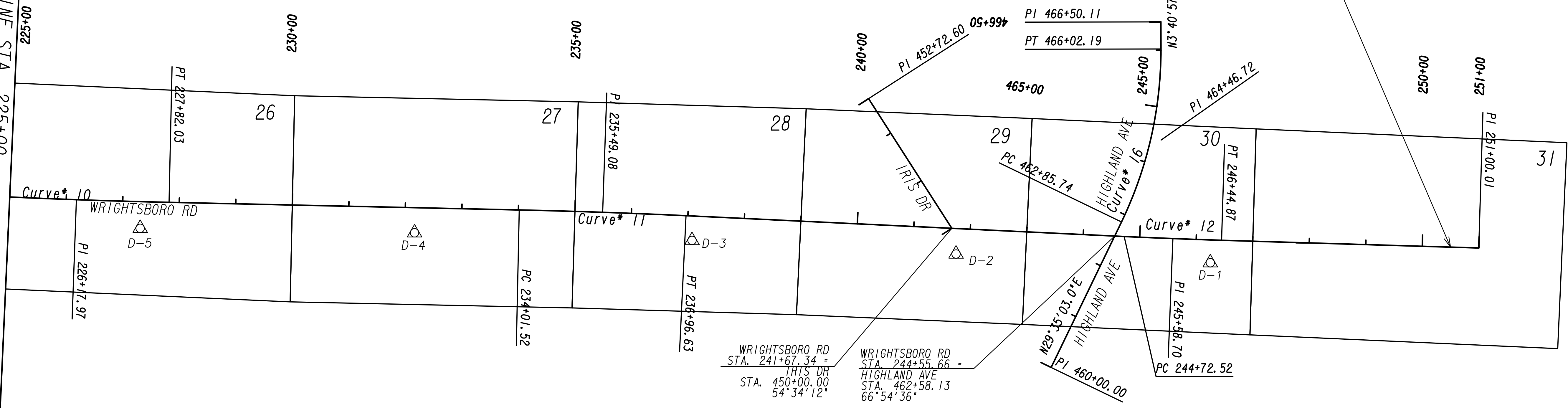
**CONSTRUCTION LAYOUT**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>11-0005</b>
BACKCHECKED:	DATE:	
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VERIFIED:	DATE:	

CONTROL POINT LABEL	STATION	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
D-5	227+32.08	47.17' RT	1262017.0060	695582.5776	424.21	D-5 4RBWC
D-4	232+17.22	44.49' RT	1261977.0670	696066.2685	425.40	D-4 4RBWC
D-3	237+09.28	43.21' RT	1261931.2540	696555.0547	425.04	D-3 4RBWC
D-2	241+76.91	45.03' RT	1261876.5440	697019.4692	423.26	D-2 4RBWC
D-1	246+26.18	40.35' RT	1261831.4780	697467.1340	418.32	D-1 4RBWC

<b>Curve* 10</b> PI Sta= 226+17.97 N= 1262073.8744 E= 695473.2041 DELTA= 1°34'00.3" (LT) D= 0°28'38.87" T= 164.08 L= 328.14 R= 12000.00 E= 1.12	<b>Curve* 11</b> PI Sta= 235+49.08 N= 1261992.3136 E= 696400.7521 DELTA= 1°28'13.1" (RT) D= 0°29'53.61" T= 147.56 L= 295.11 R= 11500.00 E= 0.95	<b>Curve* 12</b> PI Sta= 245+58.70 N= 1261878.0985 E= 697403.9059 DELTA= 0°59'15.1" (LT) D= 0°34'22.65" T= 86.18 L= 172.36 R= 10000.00 E= 0.37	<b>Curve* 16</b> PI Sta= 464+46.72 N= 1262053.7553 E= 697394.6381 DELTA= 25°54'06.0" (LT) D= 8°11'06.40" T= 160.98 L= 316.45 R= 700.00 E= 18.27
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MATCHLINE STA. 225+00  
DRAWING 11-0005



END PROJECT  
 STA. 250+50.00  
 N: 1261830.94 FT  
 E: 697892.94 FT

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

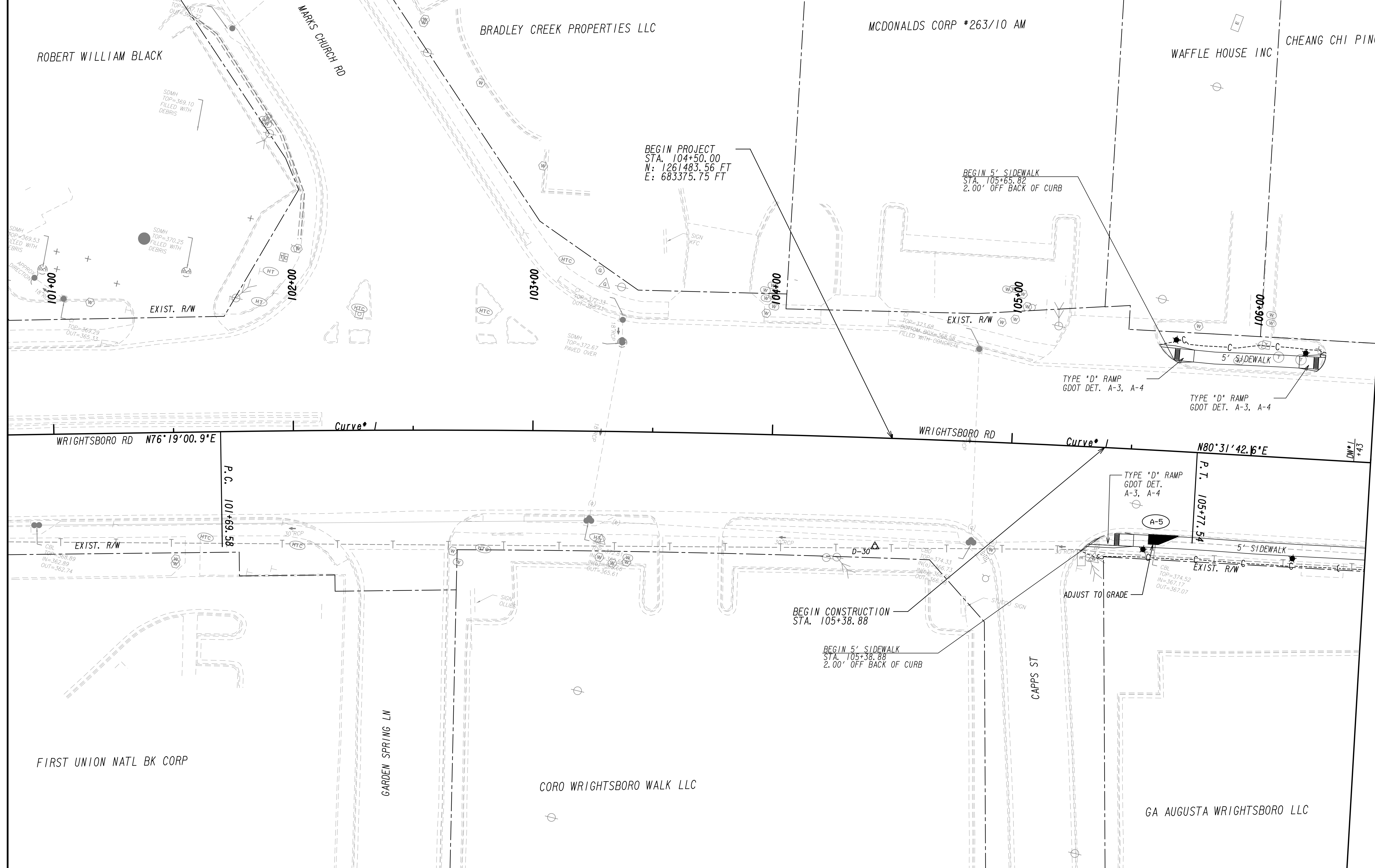
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 ---G---F--- LIMIT OF ACCESS  
 ---H---H--- REQ'D R/W & LIMIT OF ACCESS  
 ---I---I--- ORANGE BARRIER FENCE  
 ---J---J--- ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**CONSTRUCTION LAYOUT**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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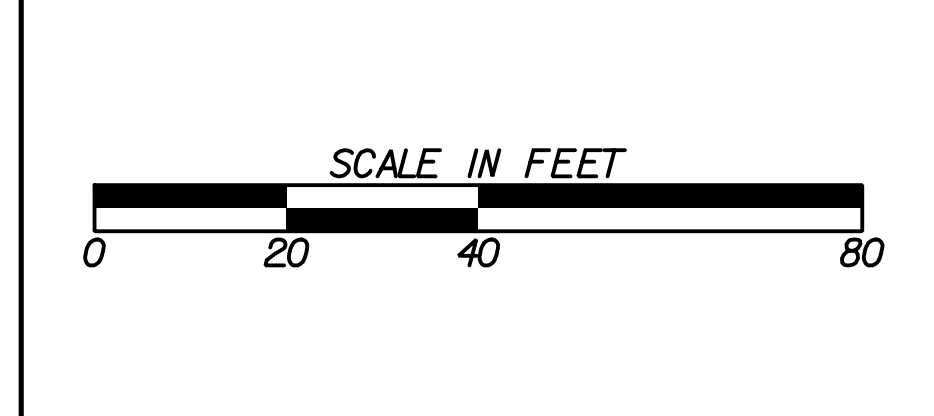
MATCH LINE STA. 106+50  
SEE DRAWING No. 13-0002

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT 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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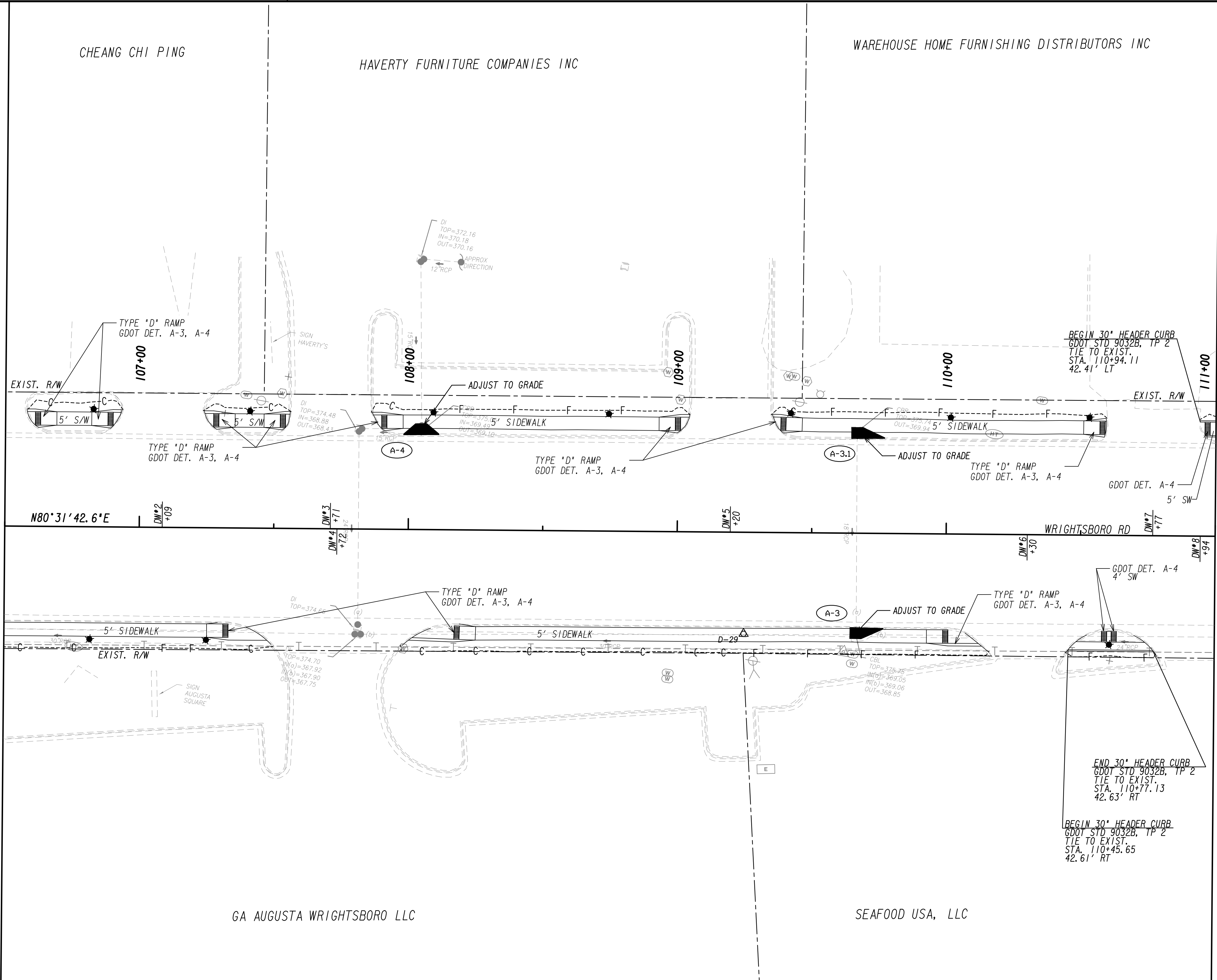
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**MAINLINE PLAN**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 106+50  
SEE DRAWING No. 13-0001

MATCH LINE STA. 111+00  
SEE DRAWING No. 13-0003

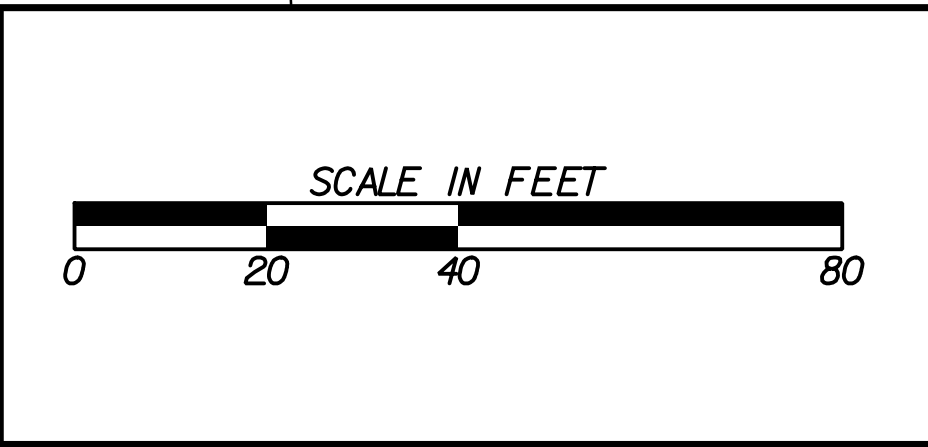


<p>PROPERTY AND EXISTING R/W LINE REQUIRED R/W LINE CONSTRUCTION LIMITS EASEMENT FOR CONSTR &amp; MAINTENANCE OF SLOPES EASEMENT FOR CONSTR OF SLOPES EASEMENT FOR CONSTR OF DRIVES</p>	
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<p>BEGIN LIMIT OF ACCESS.....BLA END LIMIT OF ACCESS.....ELA LIMIT OF ACCESS REQ'D R/W &amp; LIMIT OF ACCESS ORANGE BARRIER FENCE ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)</p>	
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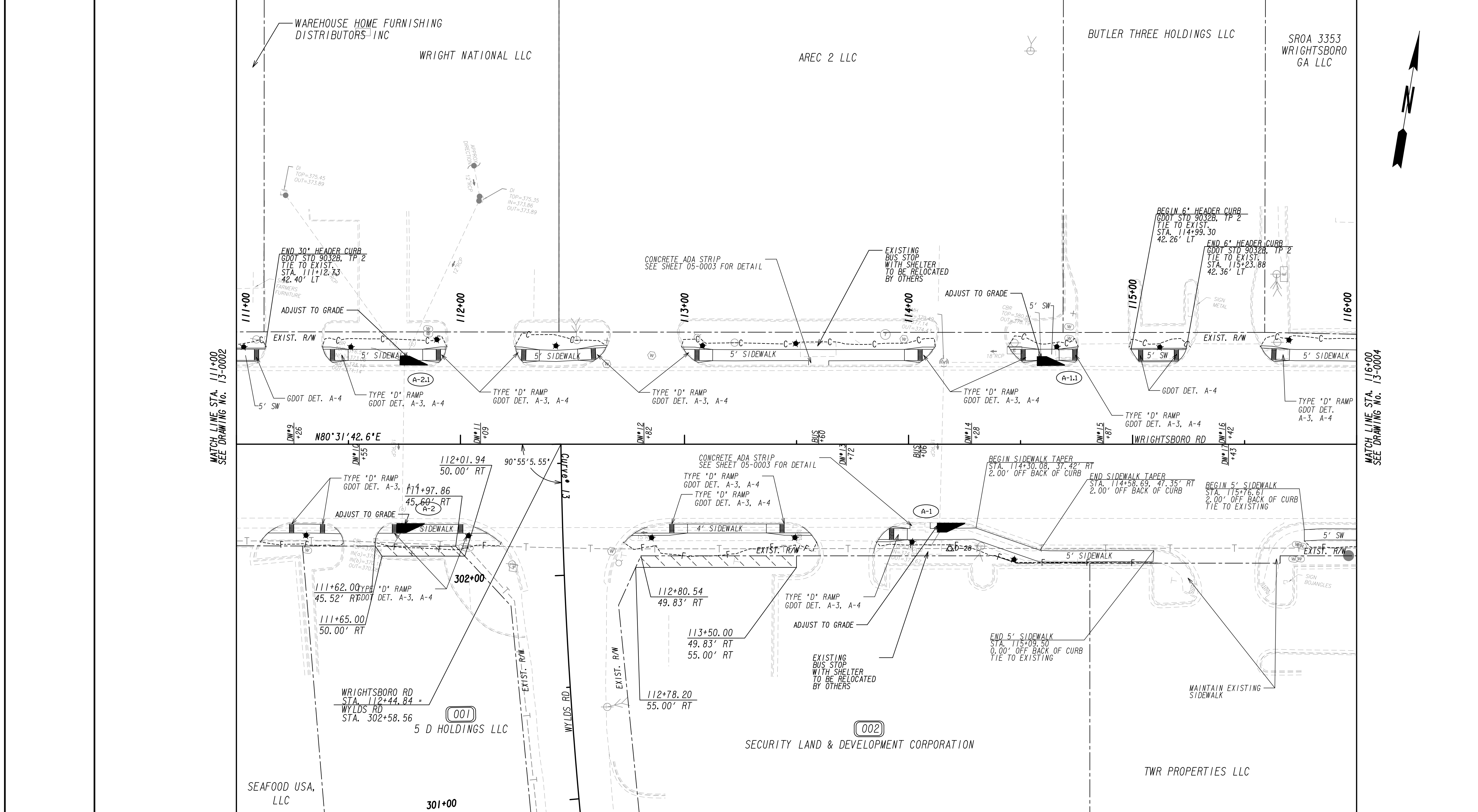
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AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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BACKCHECKED:	DATE:	13-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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

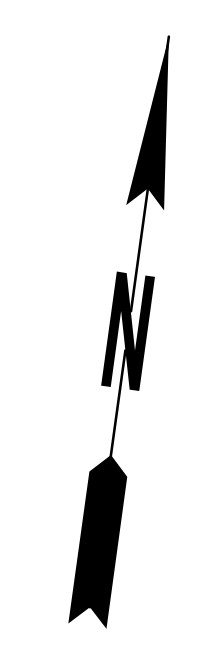
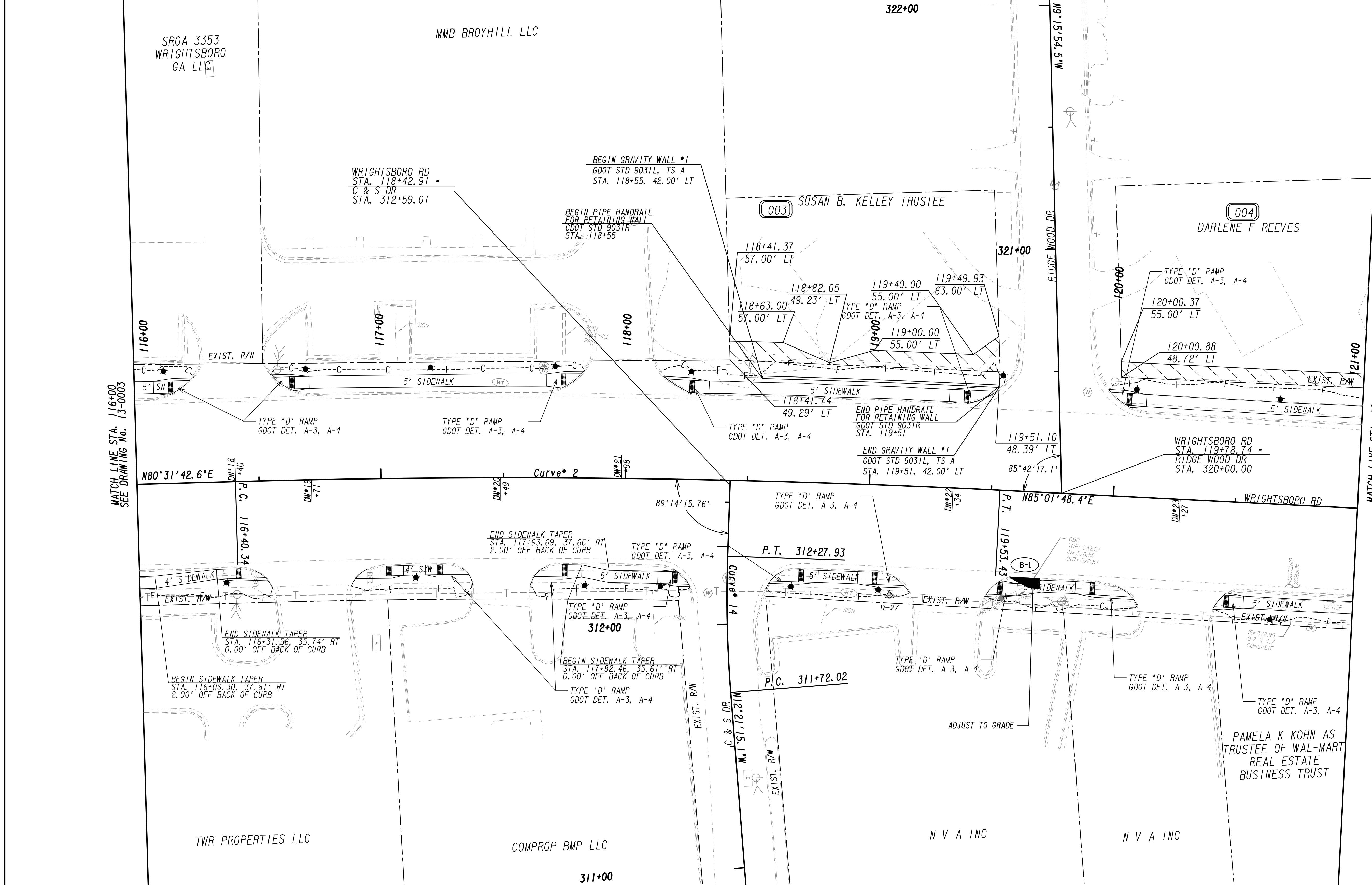
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 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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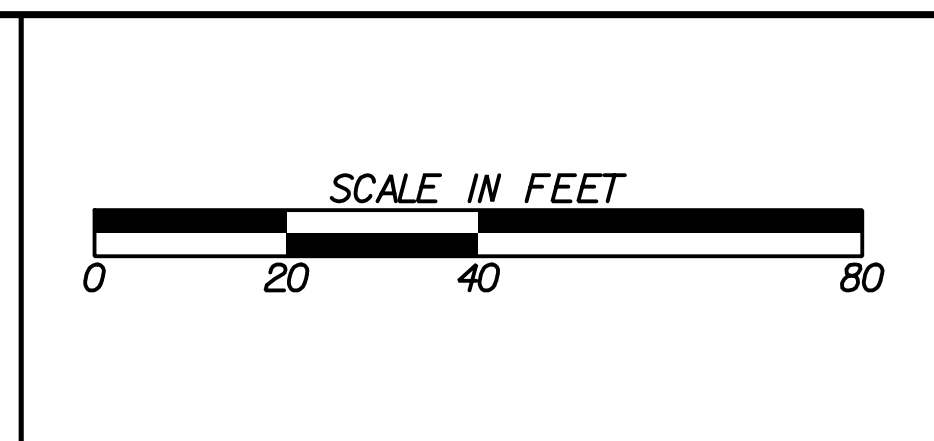


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES


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)


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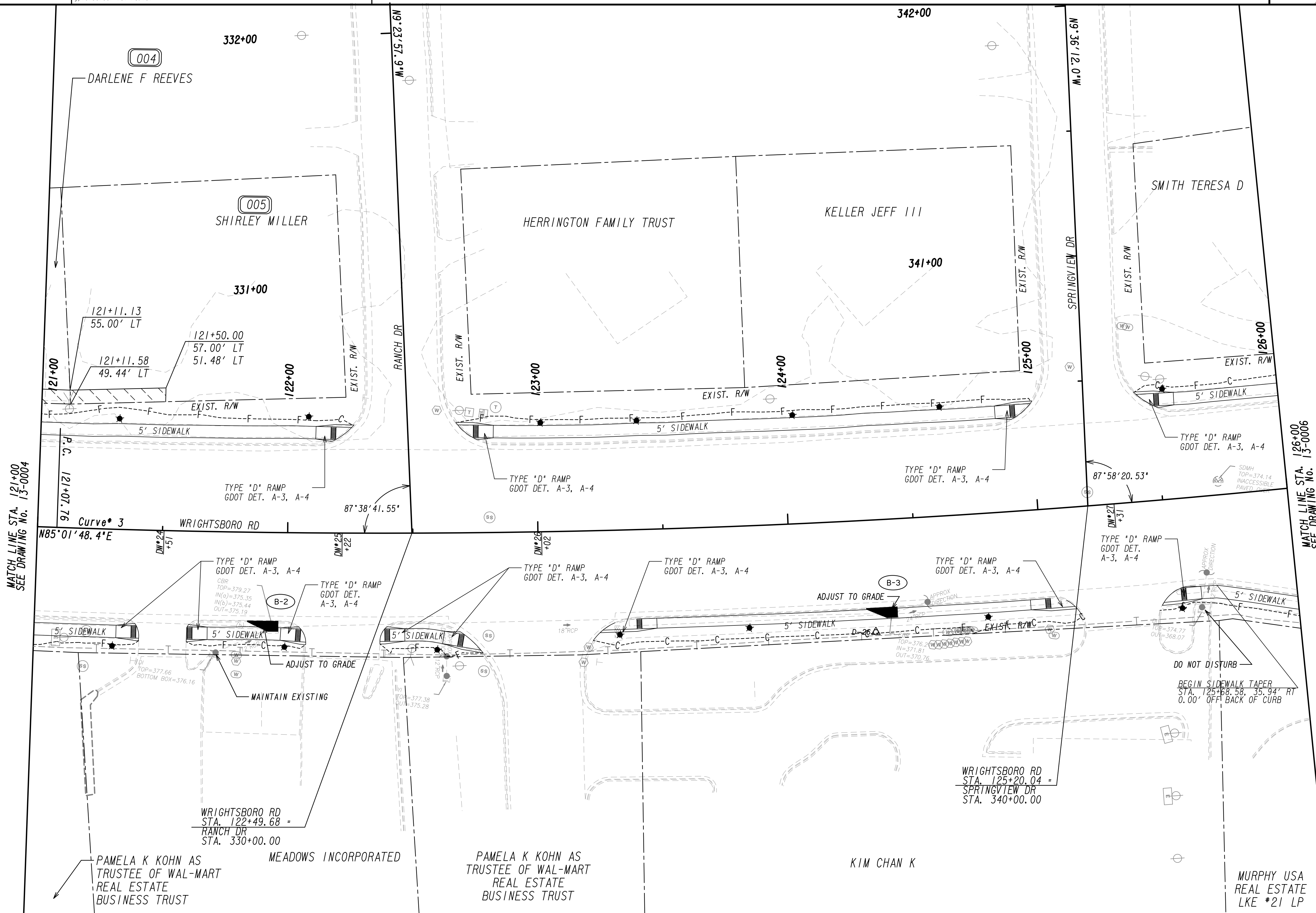
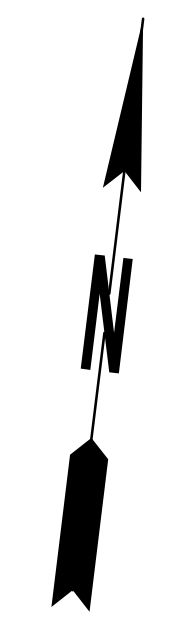


REVISION DATES

NO.	DATE	DESCRIPTION

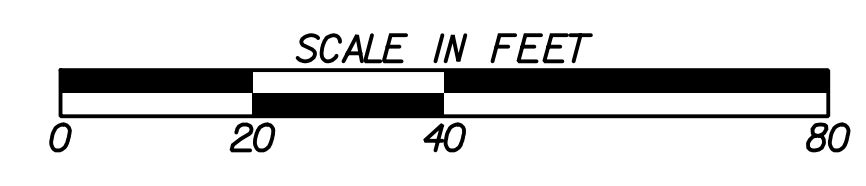
**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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

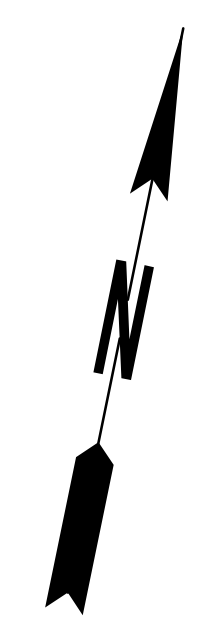
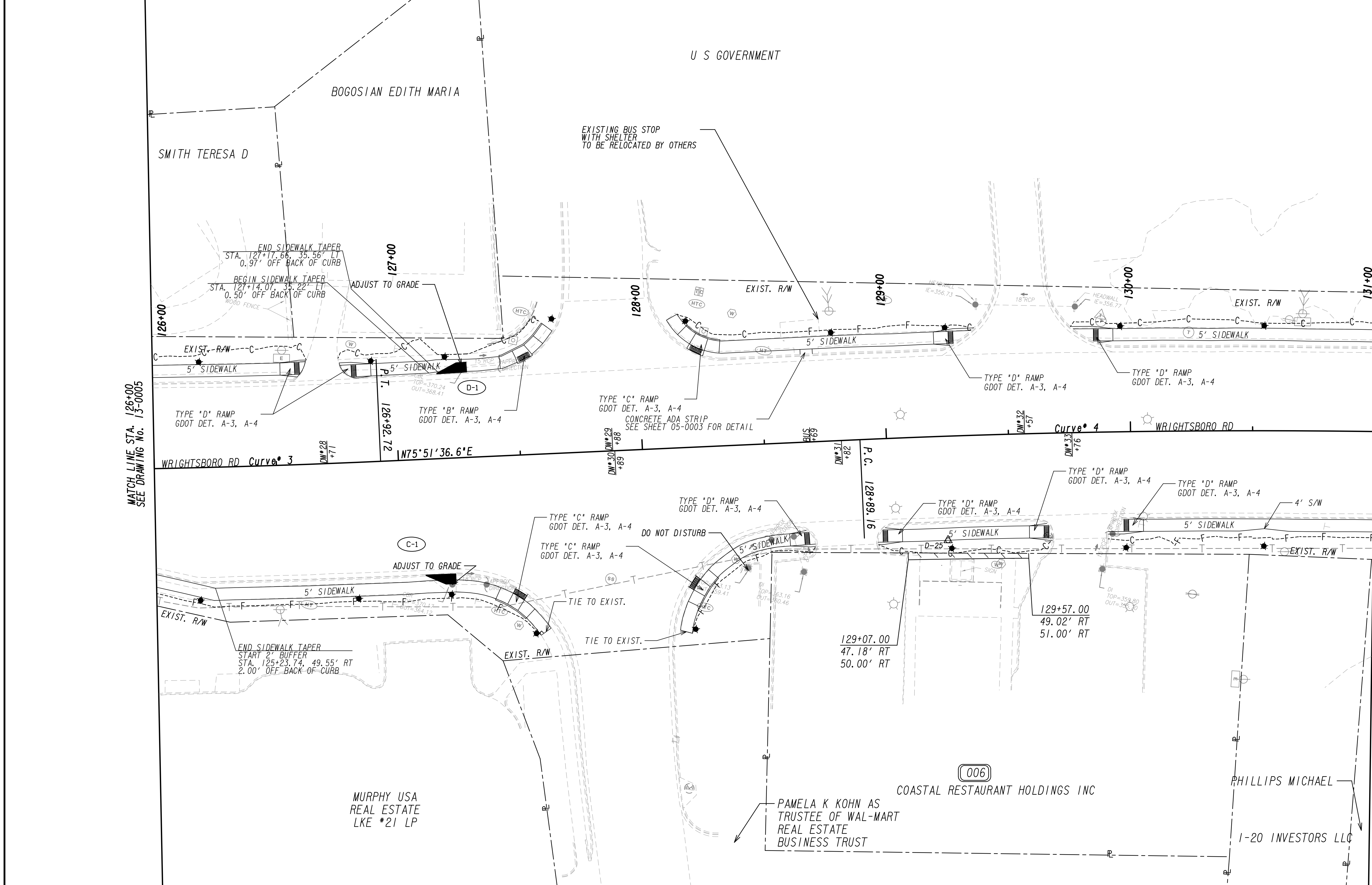
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 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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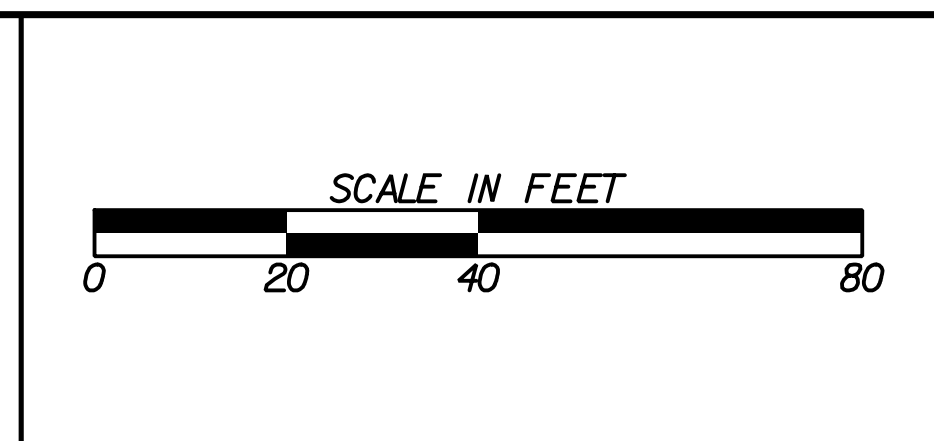


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES


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  
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REVISION DATES

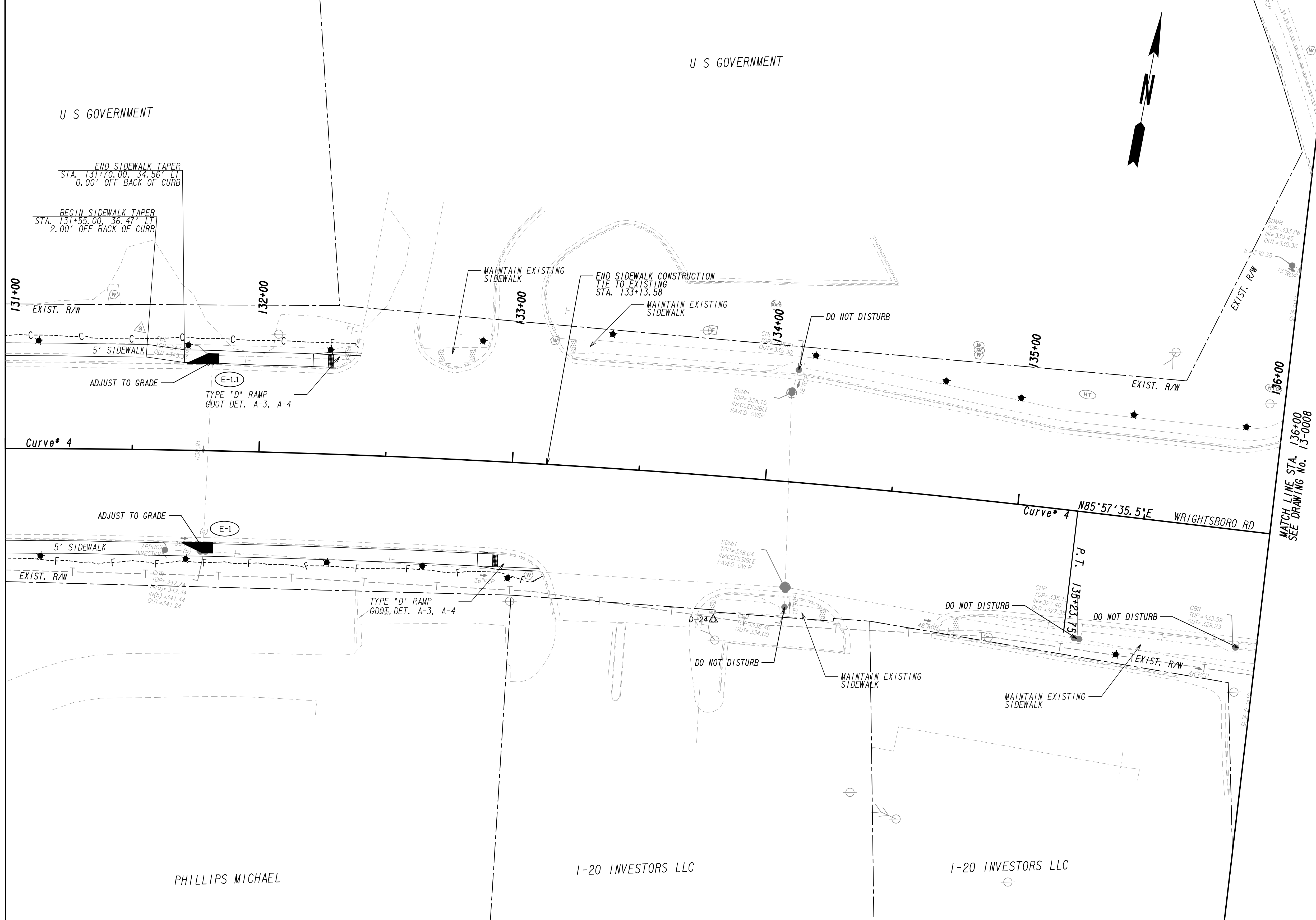
NO.	DATE	DESCRIPTION

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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

DRAWING No. 13-0006

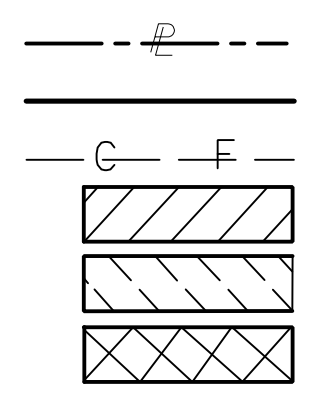




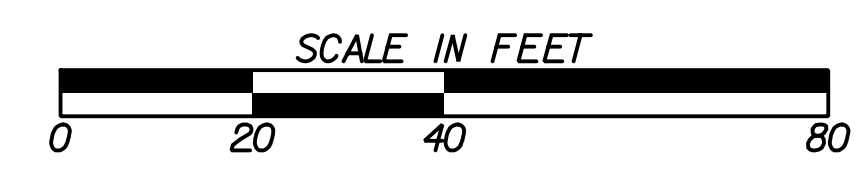
MATCH LINE STA. 131+00  
SEE DRAWING No. 13-0006

MATCH LINE STA. 136+00  
SEE DRAWING No. 13-0008

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



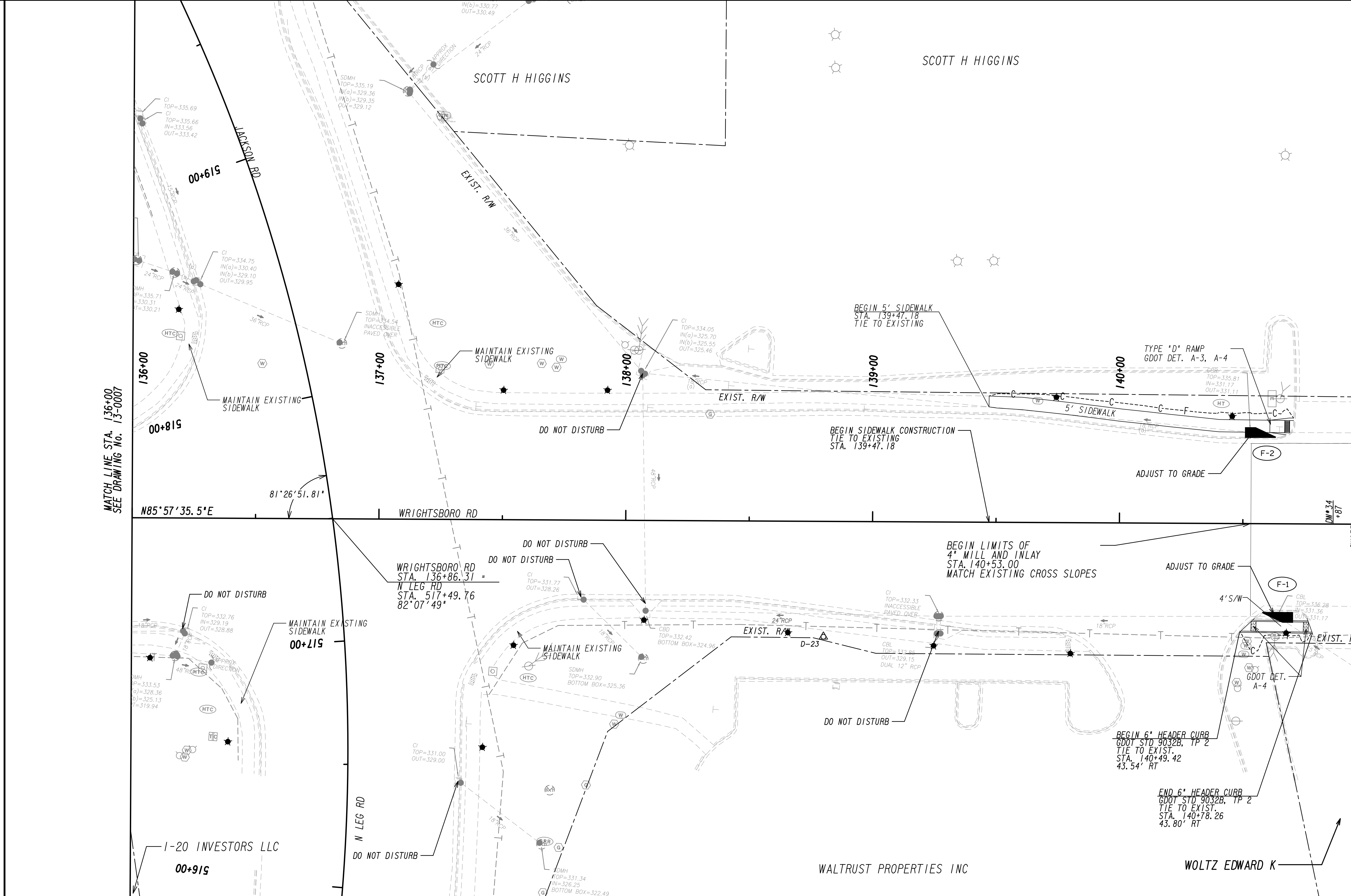
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 136+00  
SEE DRAWING NO. 13-0007

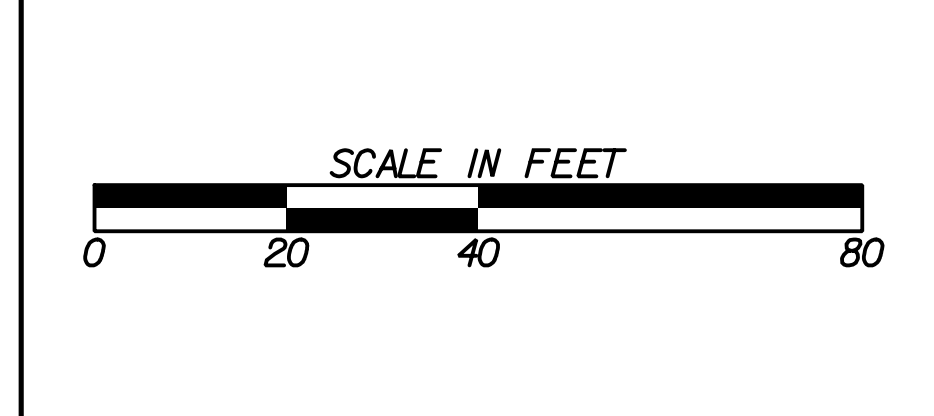
MATCH LINE STA. 141+00  
SEE DRAWING NO. 13-0009

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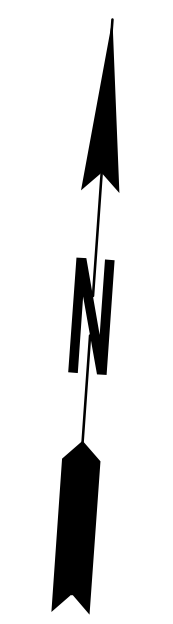
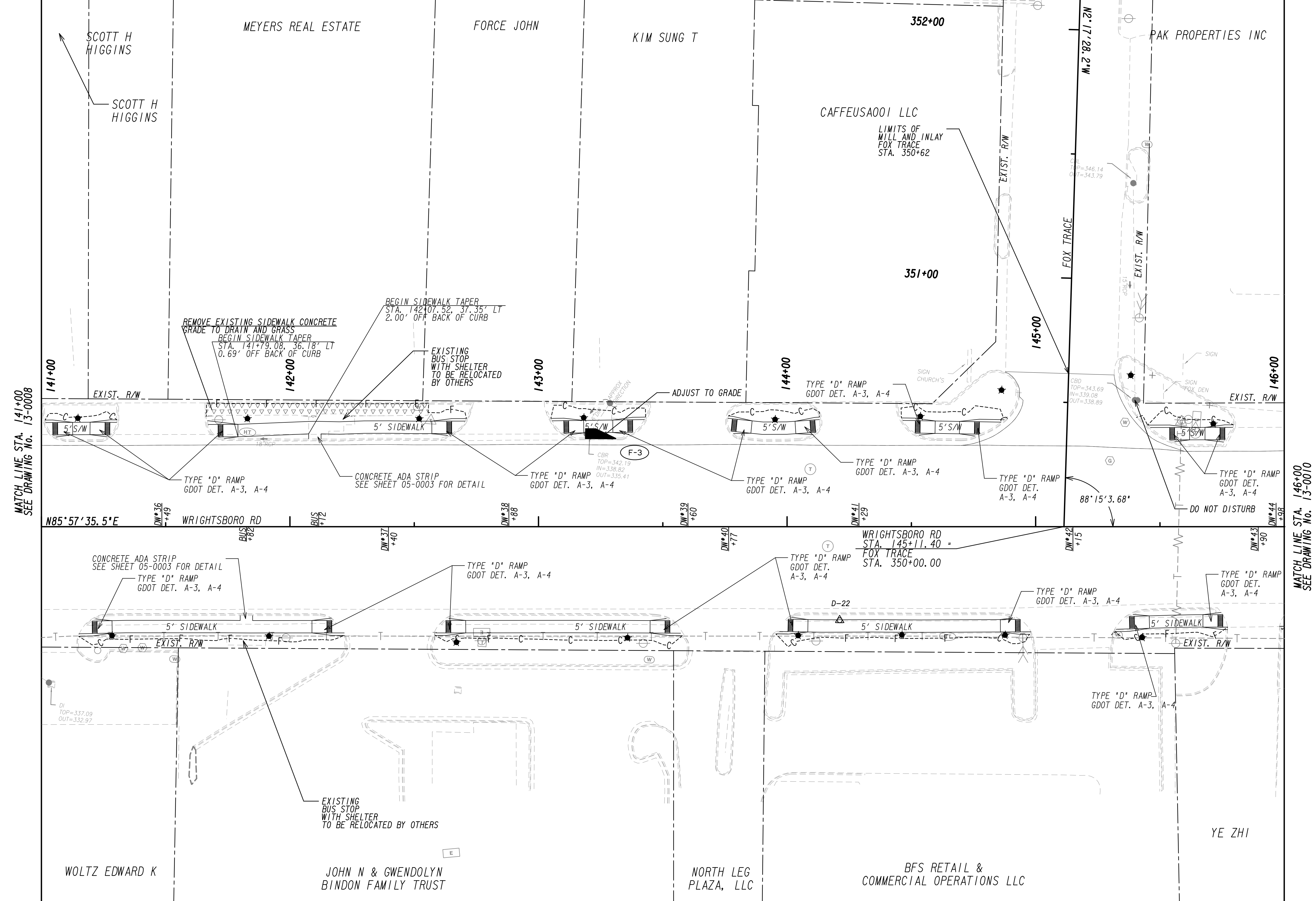
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REVISION DATES


**MAINLINE PLAN**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	

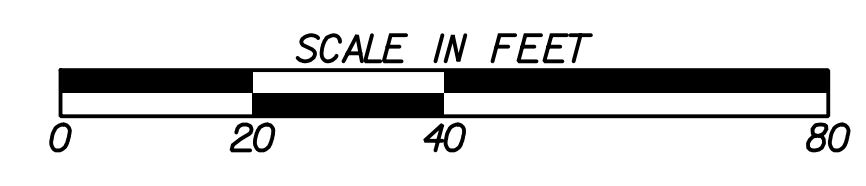


MATCH LINE STA. 141+00  
SEE DRAWING NO. 13-0008

MATCH LINE STA. 146+00  
SEE DRAWING NO. 13-0010

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

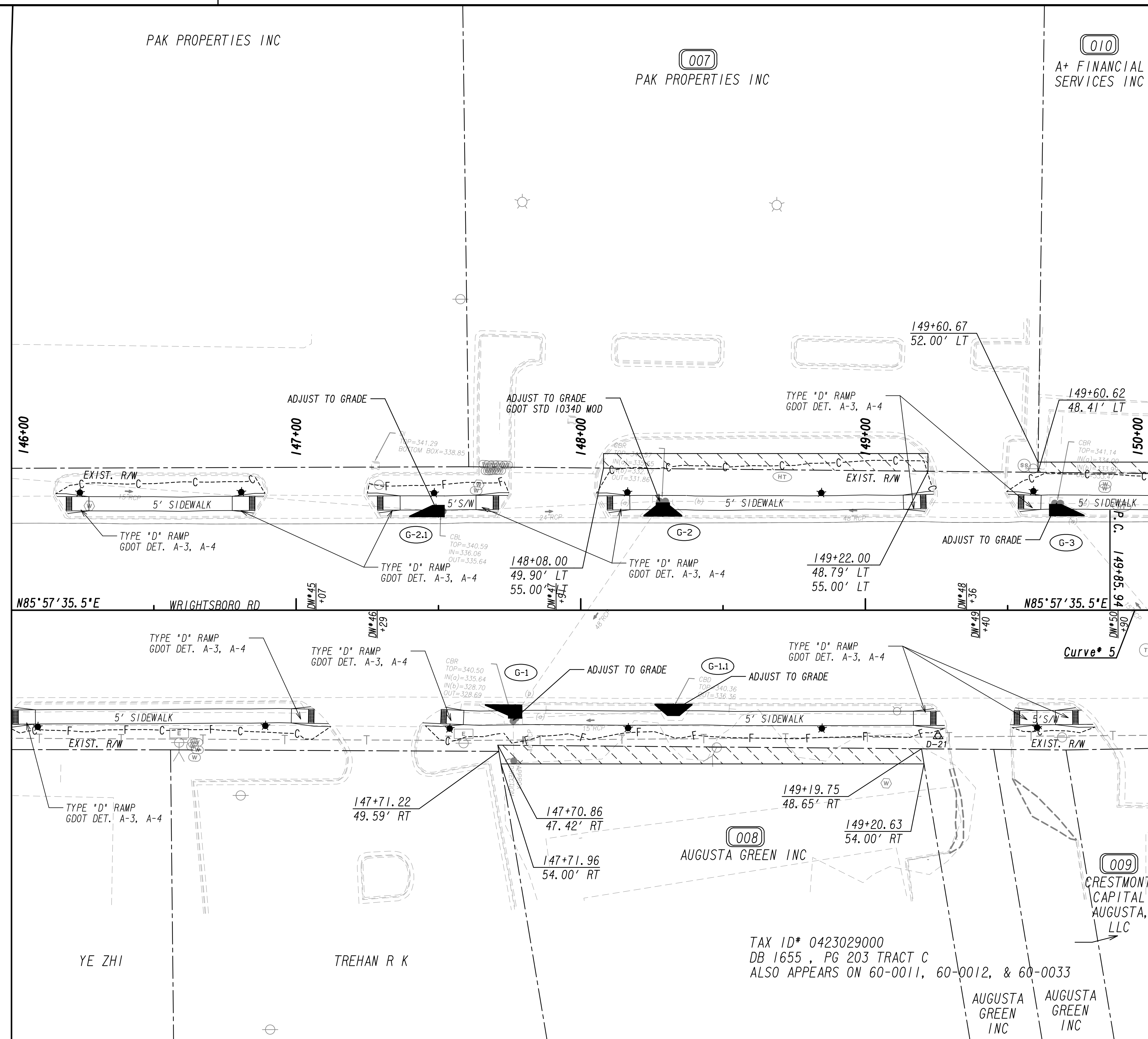
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>13-0009</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 146+00  
SEE DRAWING No. 13-0009

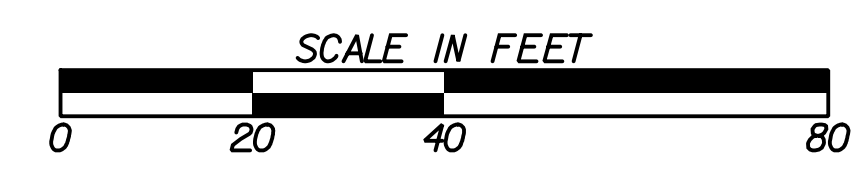
MATCH LINE STA. 150+00  
SEE DRAWING No. 13-0011

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT 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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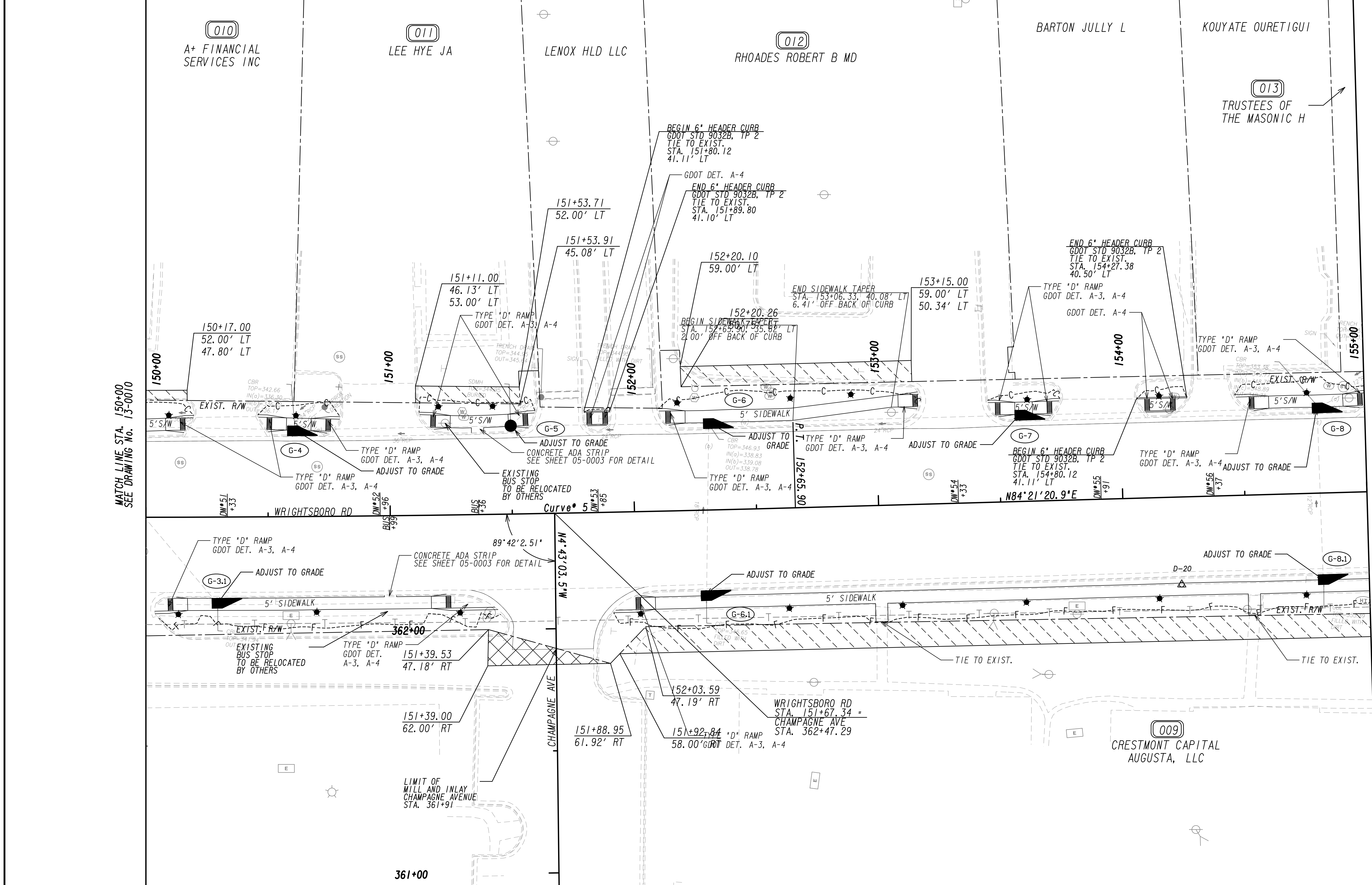
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**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>13-0010</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

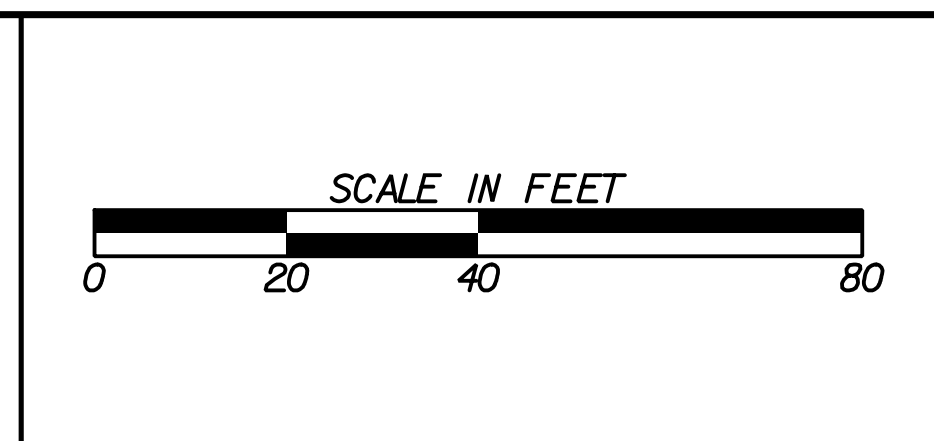


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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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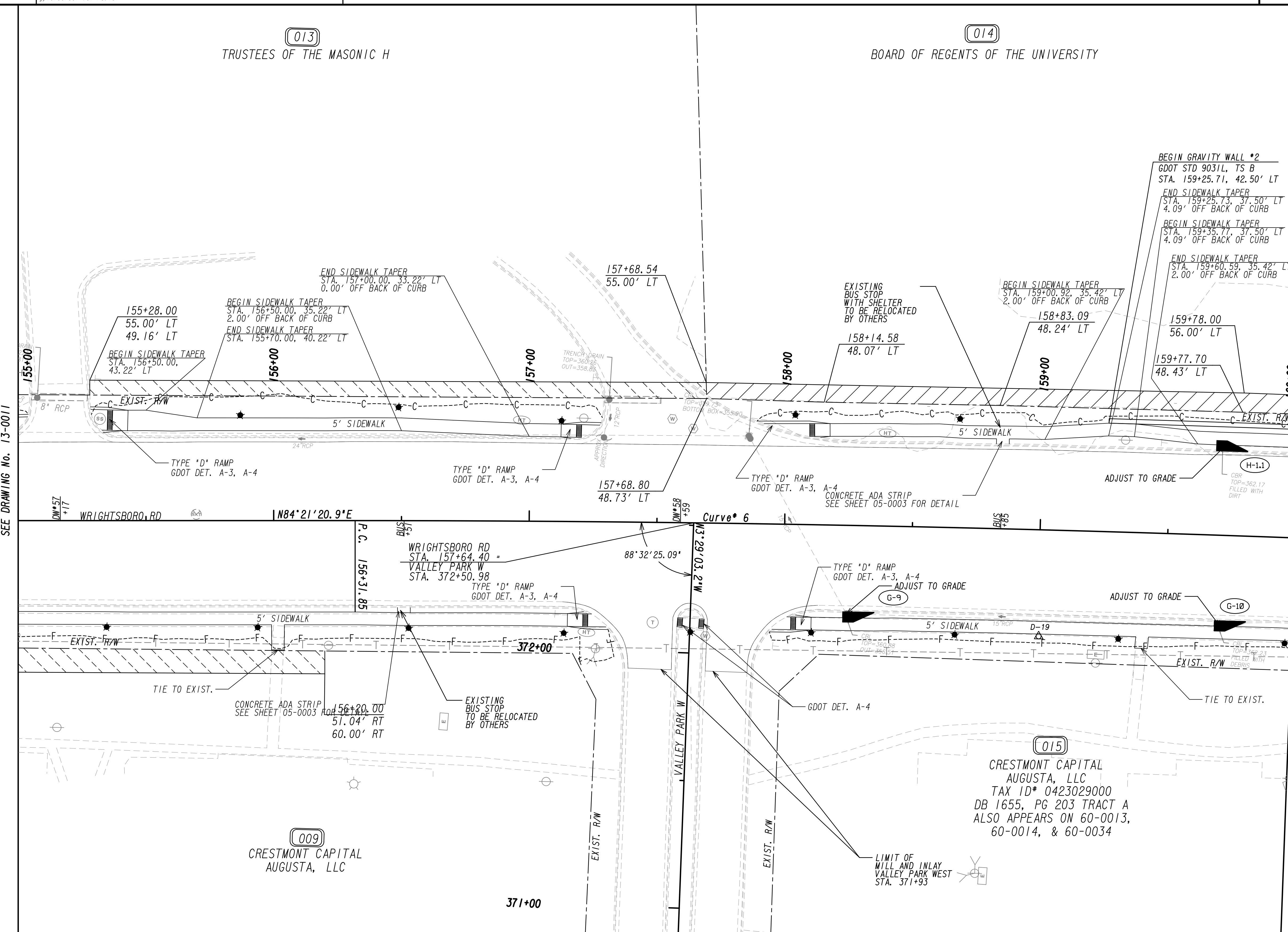
REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0011
CORRECTED:	DATE:	
VERIFIED:	DATE:	

MATCH LINE STA. 155+00 SEE DRAWING NO. 13-0011

MATCH LINE STA. 160+00 SEE DRAWING NO. 13-0013

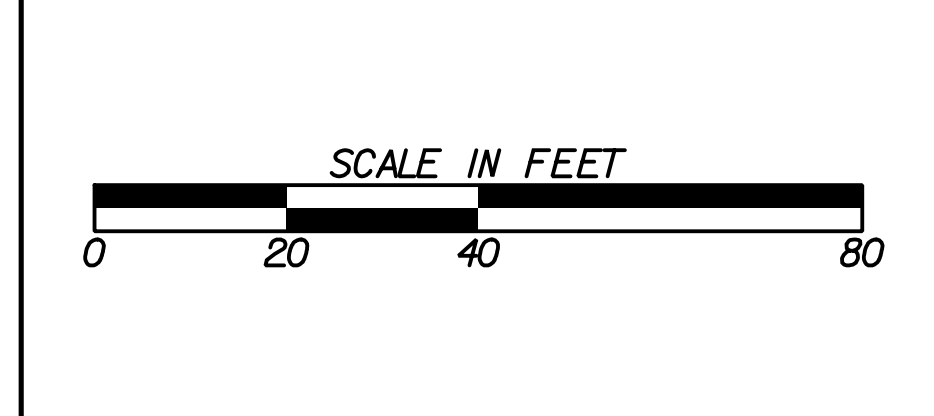


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

--- P ---  
 --- C --- F ---  
  
 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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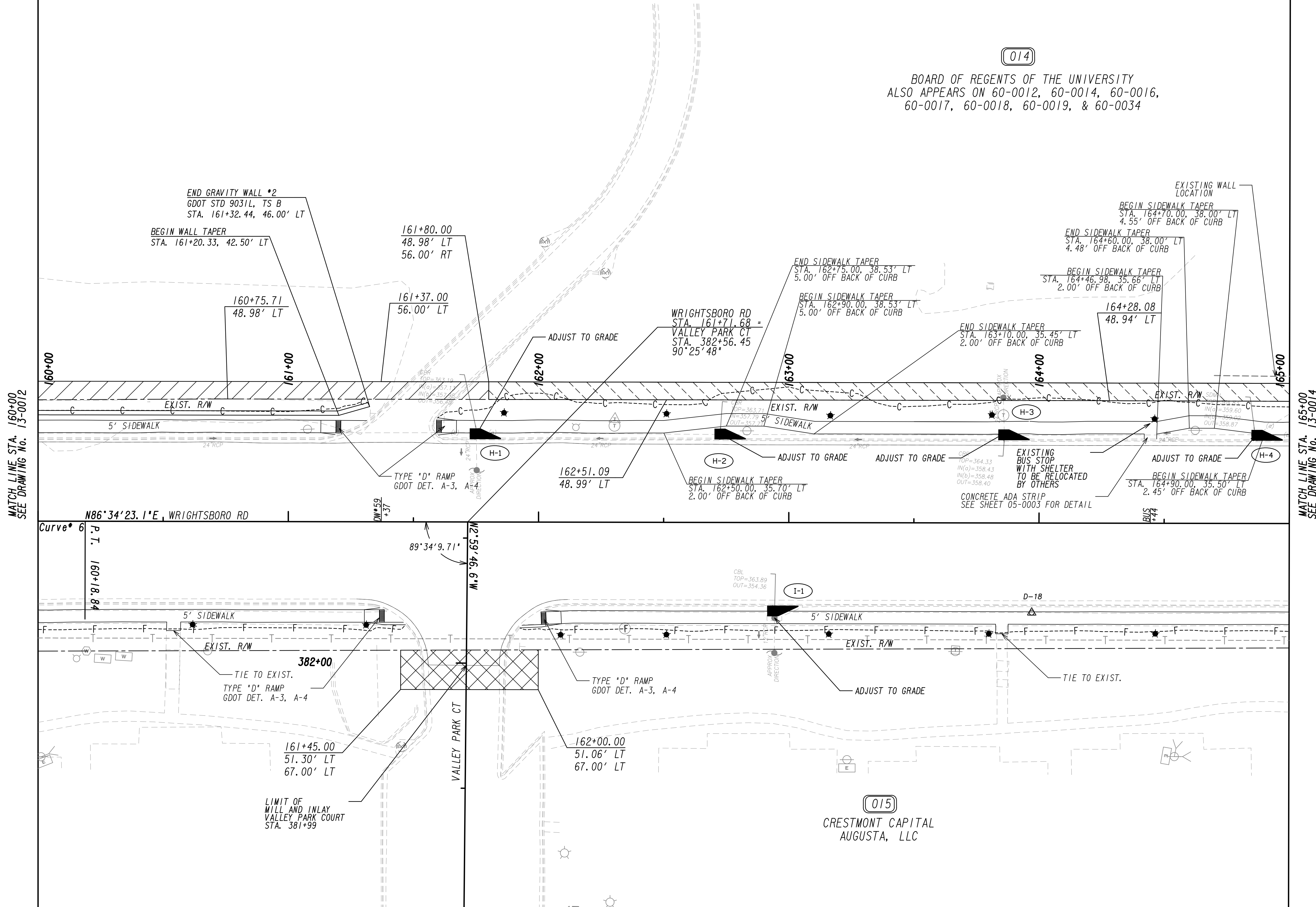
REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>13-0012</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

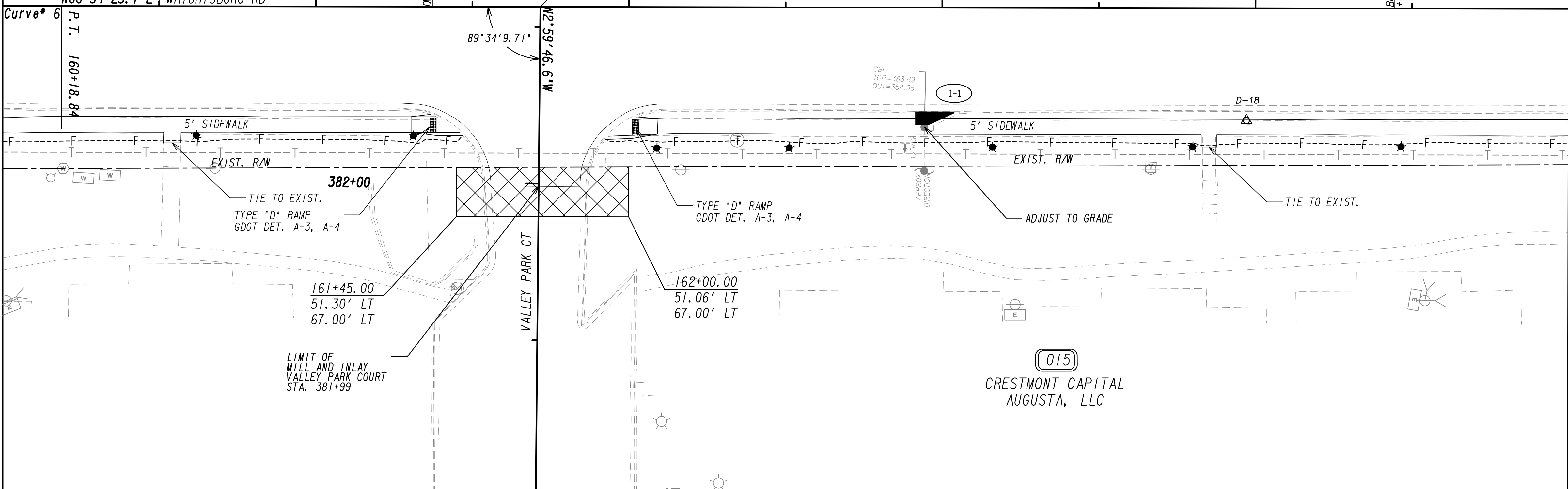


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 ALSO APPEARS ON 60-0012, 60-0014, 60-0016,  
 60-0017, 60-0018, 60-0019, & 60-0034



MATCH LINE STA. 160+00  
 SEE DRAWING No. 13-0012

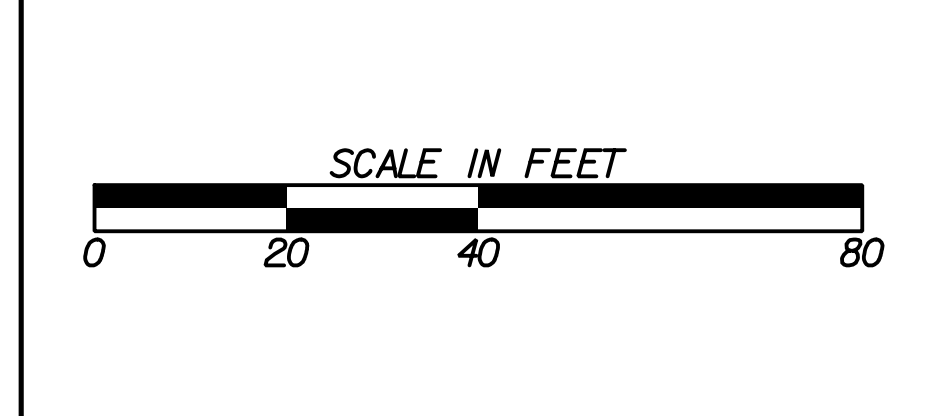
MATCH LINE STA. 165+00  
 SEE DRAWING No. 13-0014



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

— P —  
 — C — F —  
  
 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)

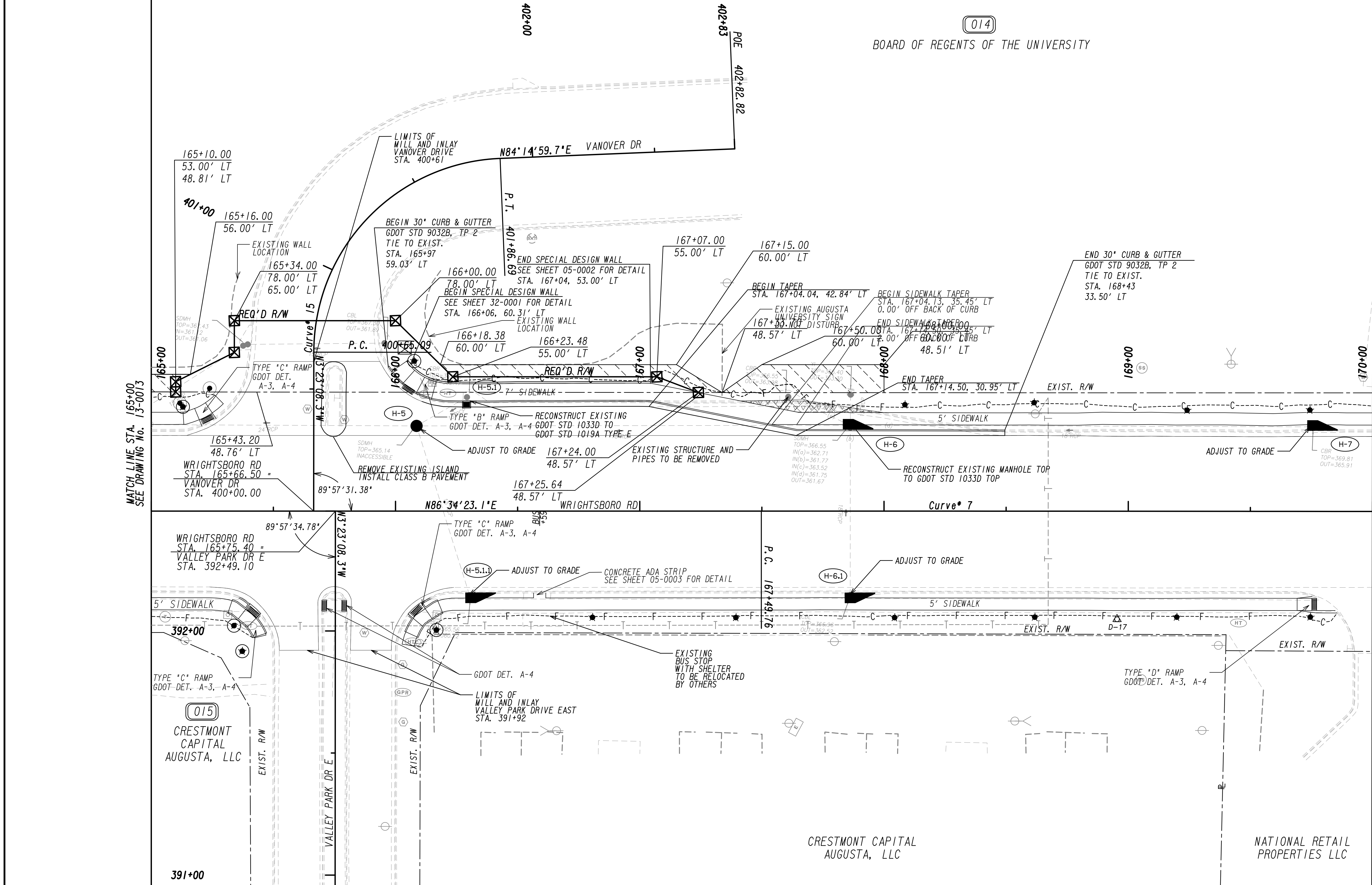
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**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>13-0013</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

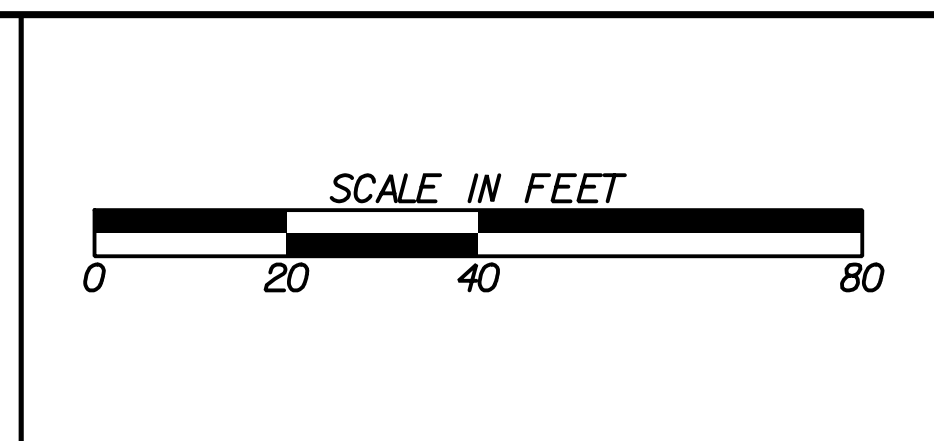


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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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**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>13-0014</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



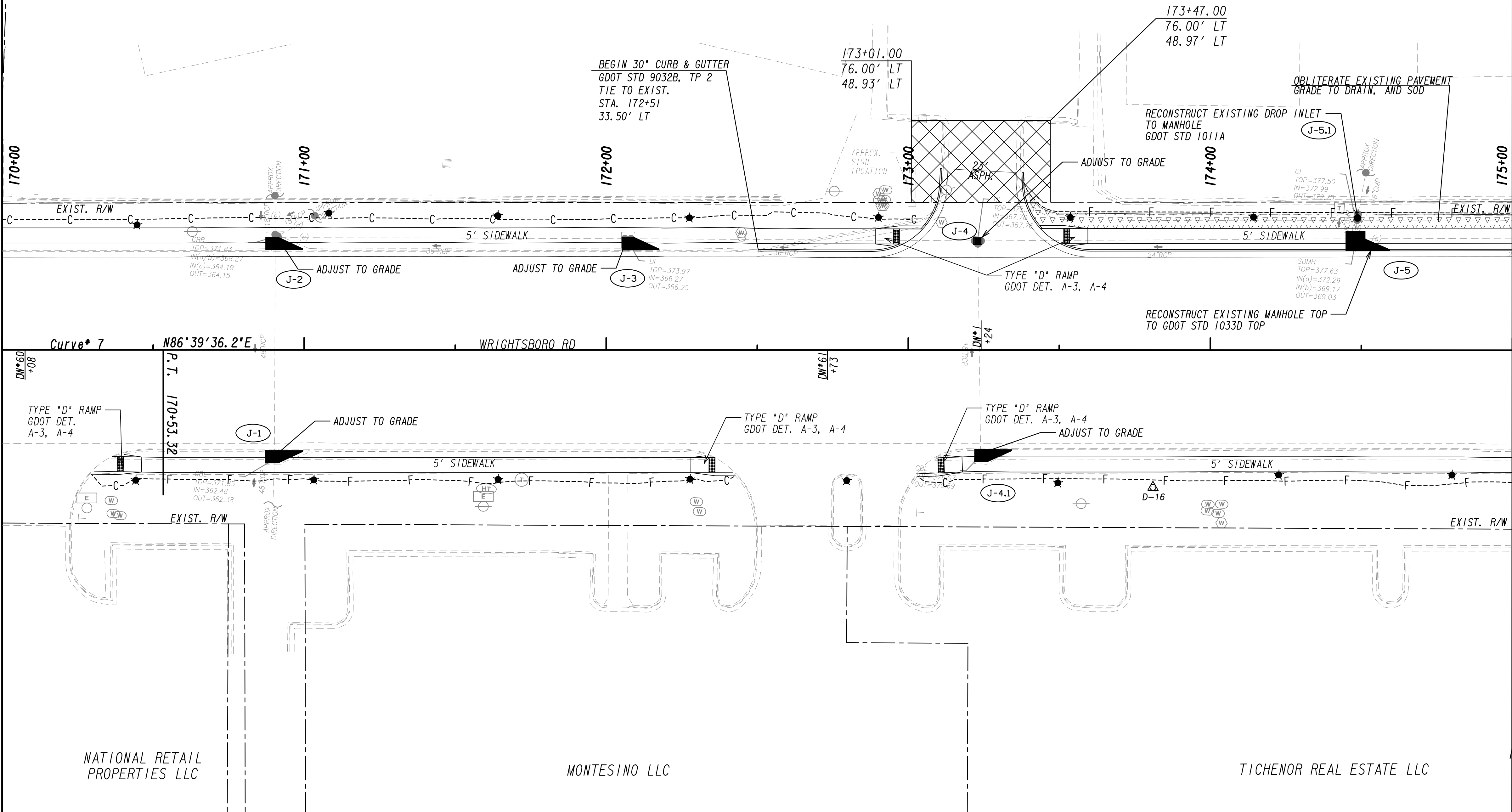


(016)  
 CSA AUGUSTA, LLC



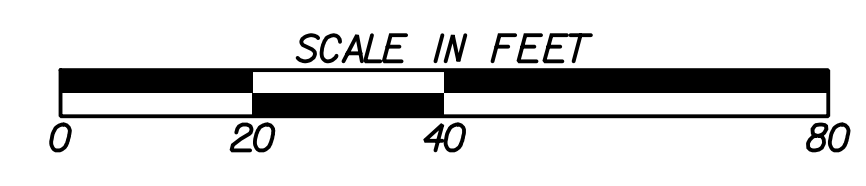
MATCH LINE STA. 170+00  
 SEE DRAWING No. 13-0014

MATCH LINE STA. 175+00  
 SEE DRAWING No. 13-0016



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

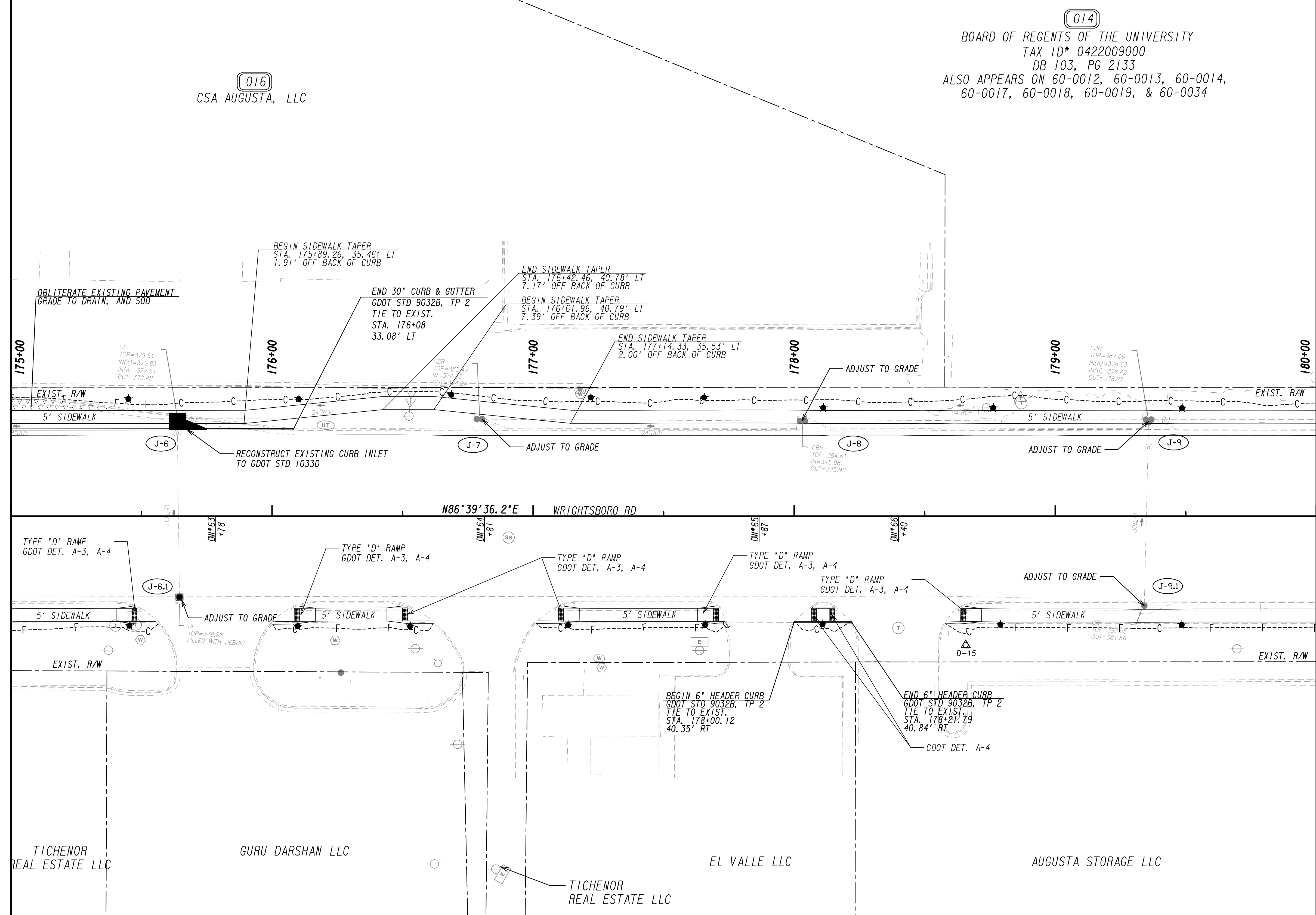
— P ——— P  
 — C ——— F  
 [Hatched Box] [Hatched Box]  
 [Hatched Box] [Hatched Box]  
 BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

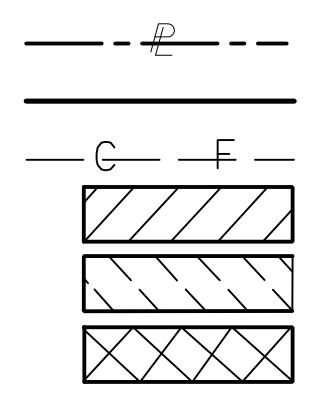
CHECKED:	DATE:	DRAWING No. <b>13-0015</b>
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VERIFIED:	DATE:	



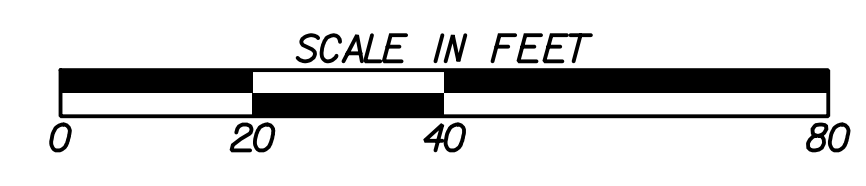
MATCH LINE STA. 175+00  
SEE DRAWING NO. 13-0015

MATCH LINE STA. 180+00  
SEE DRAWING NO. 13-0017

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

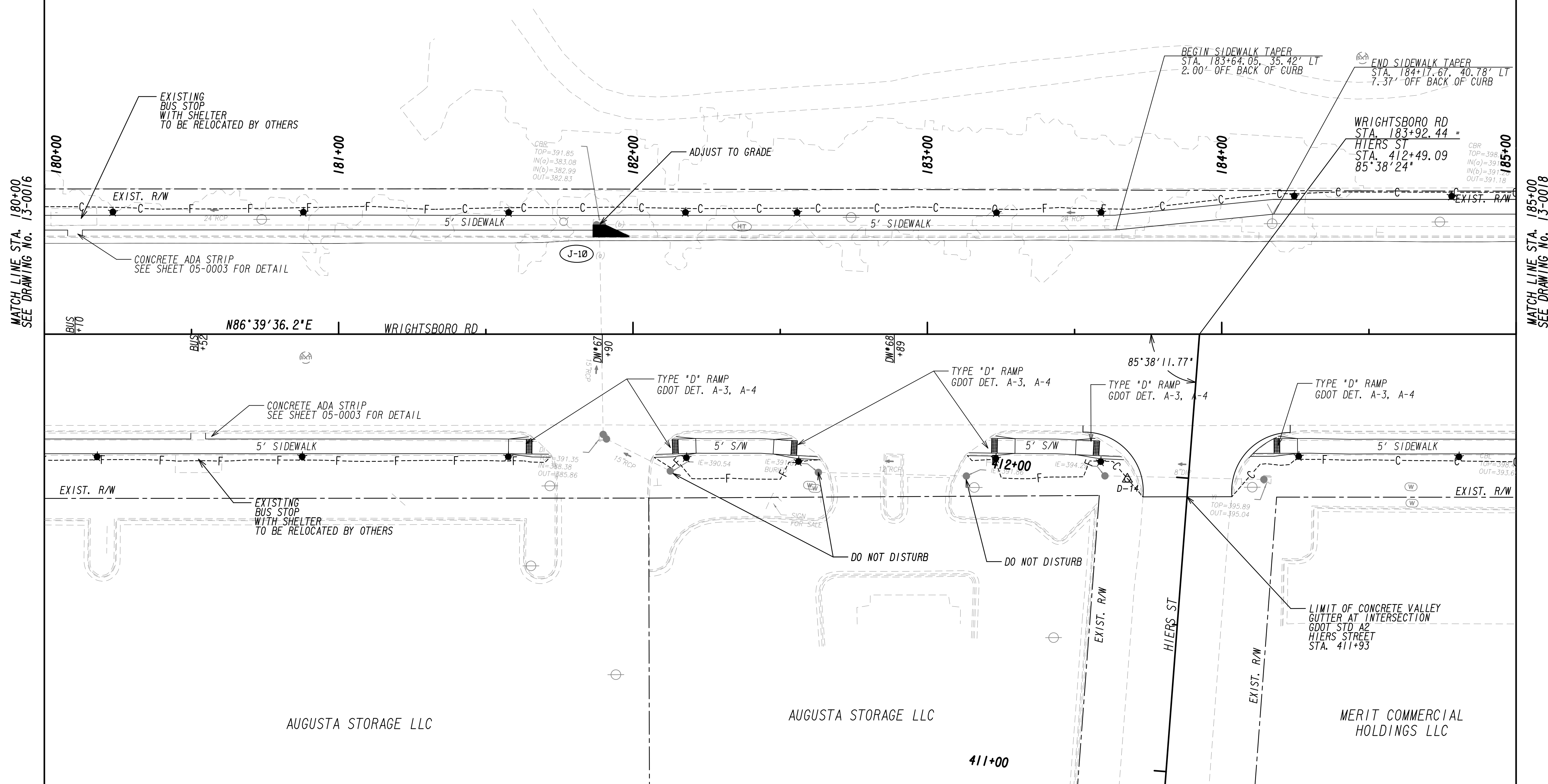


REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>13-0016</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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 TAX ID# 0422009000  
 DB 103, PG 2133  
 ALSO APPEARS ON 60-0012, 60-0013, 60-0014,  
 60-0016, 60-0018, 60-0019, & 60-0034

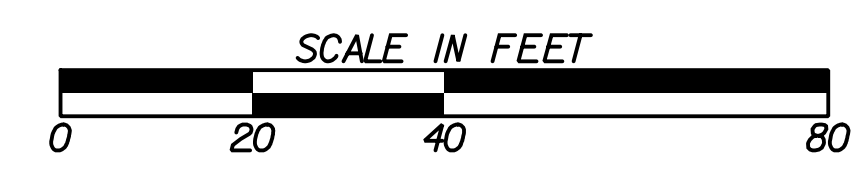


MATCH LINE STA. 180+00  
SEE DRAWING No. 13-0016

MATCH LINE STA. 185+00  
SEE DRAWING No. 13-0018

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

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



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

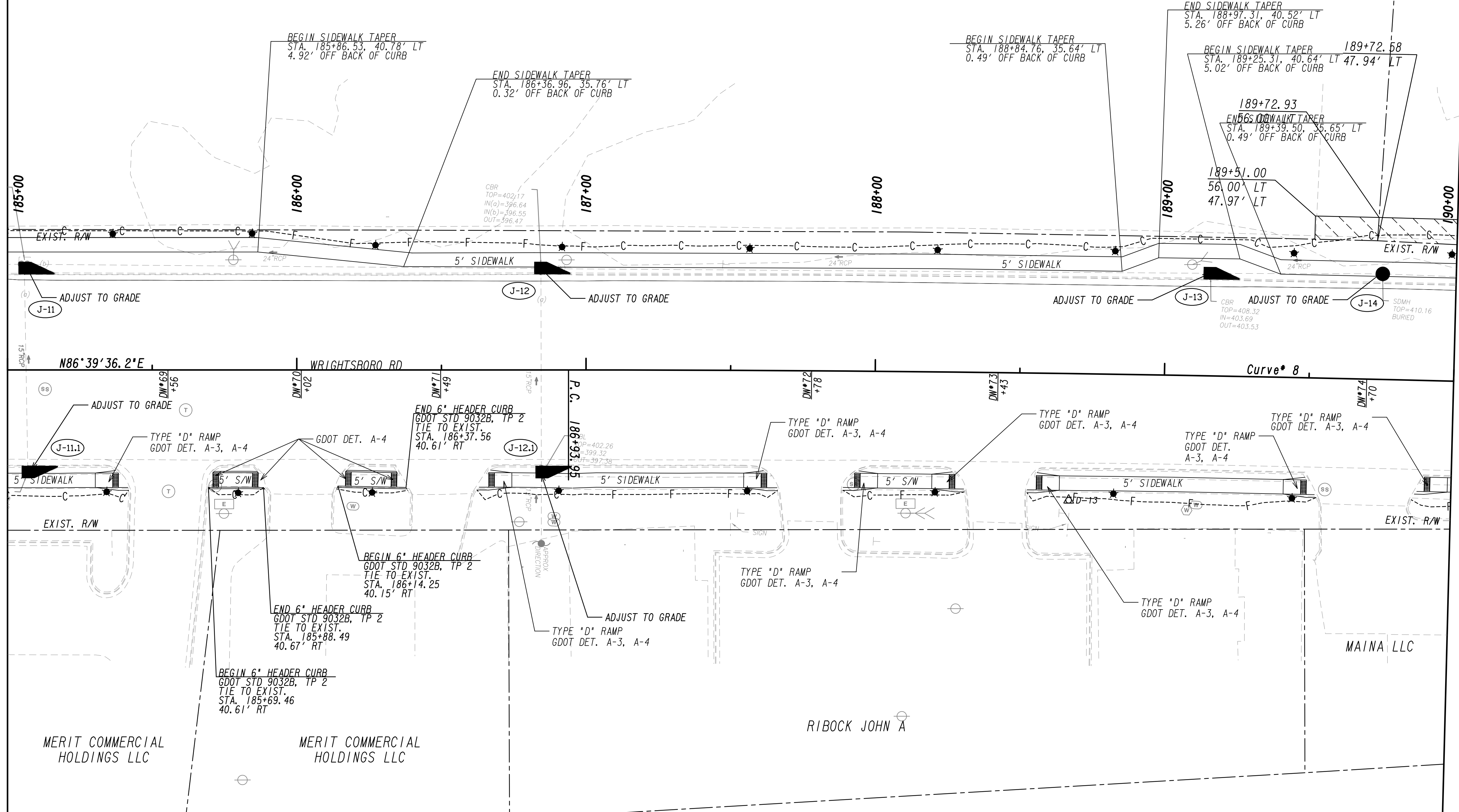
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0017
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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(017) AUGUSTA

MATCH LINE STA. 185+00 SEE DRAWING NO. 13-0017

MATCH LINE STA. 190+00 SEE DRAWING NO. 13-0019



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

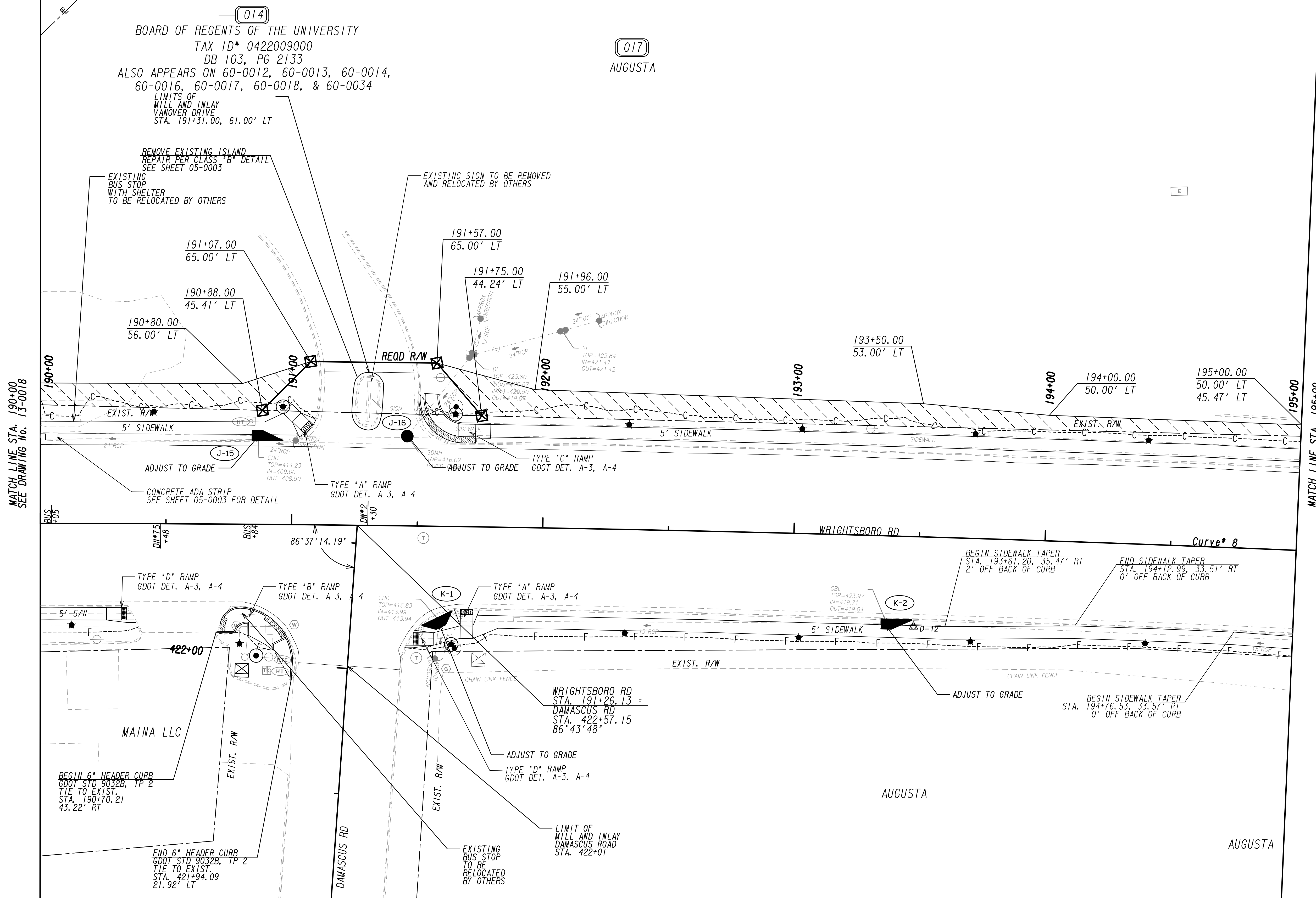
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0018
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 190+00  
SEE DRAWING NO. 13-0018

MATCH LINE STA. 195+00  
SEE DRAWING NO. 13-0020



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

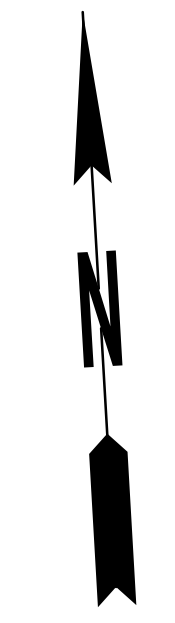
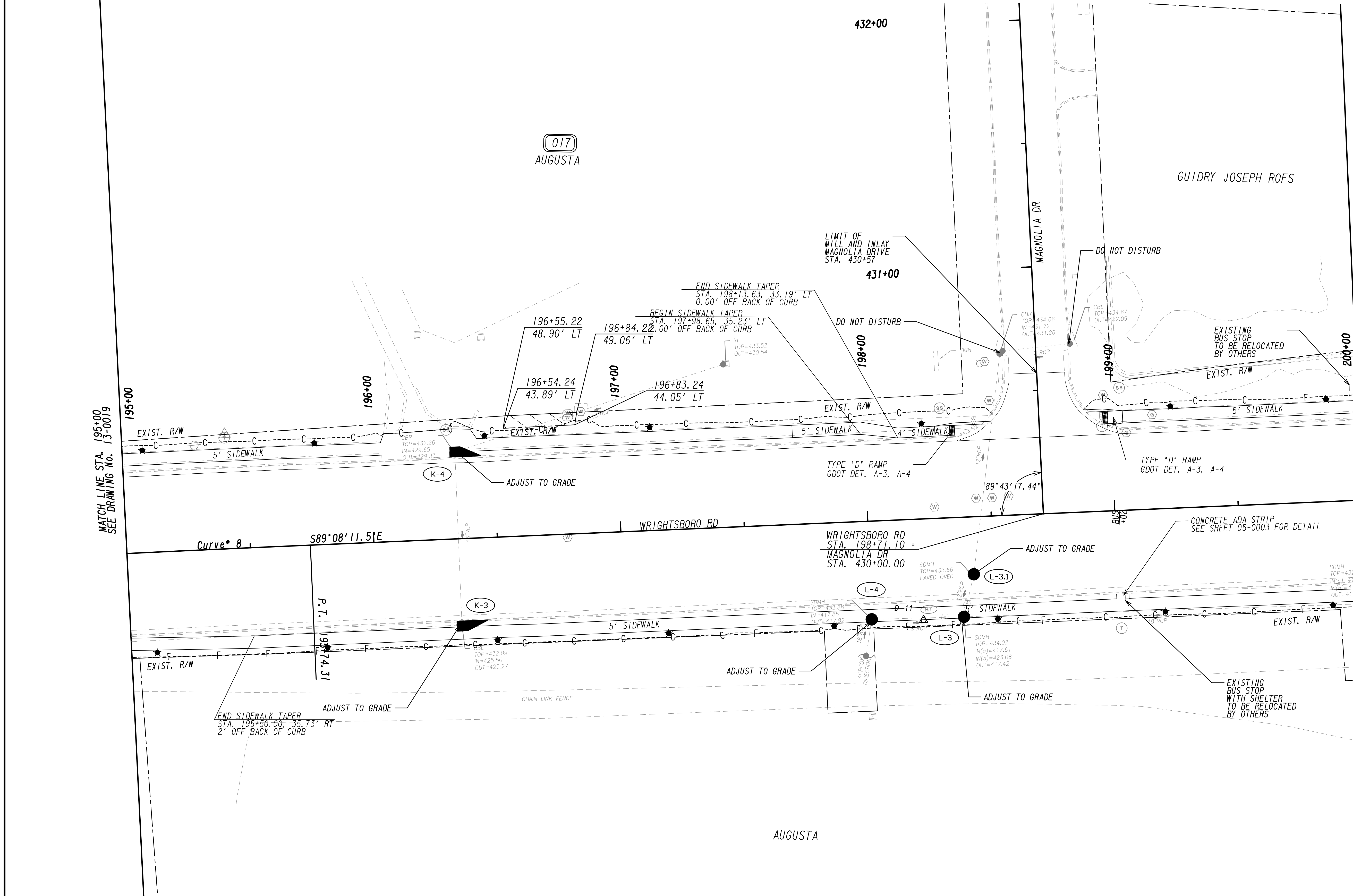
--- P ---  
 --- C --- F ---  
  
 BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0019
CORRECTED:	DATE:	
VERIFIED:	DATE:	

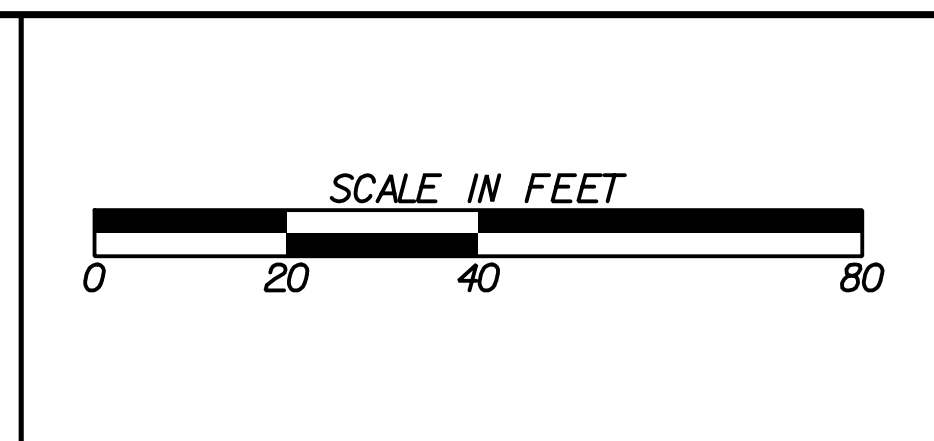


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES


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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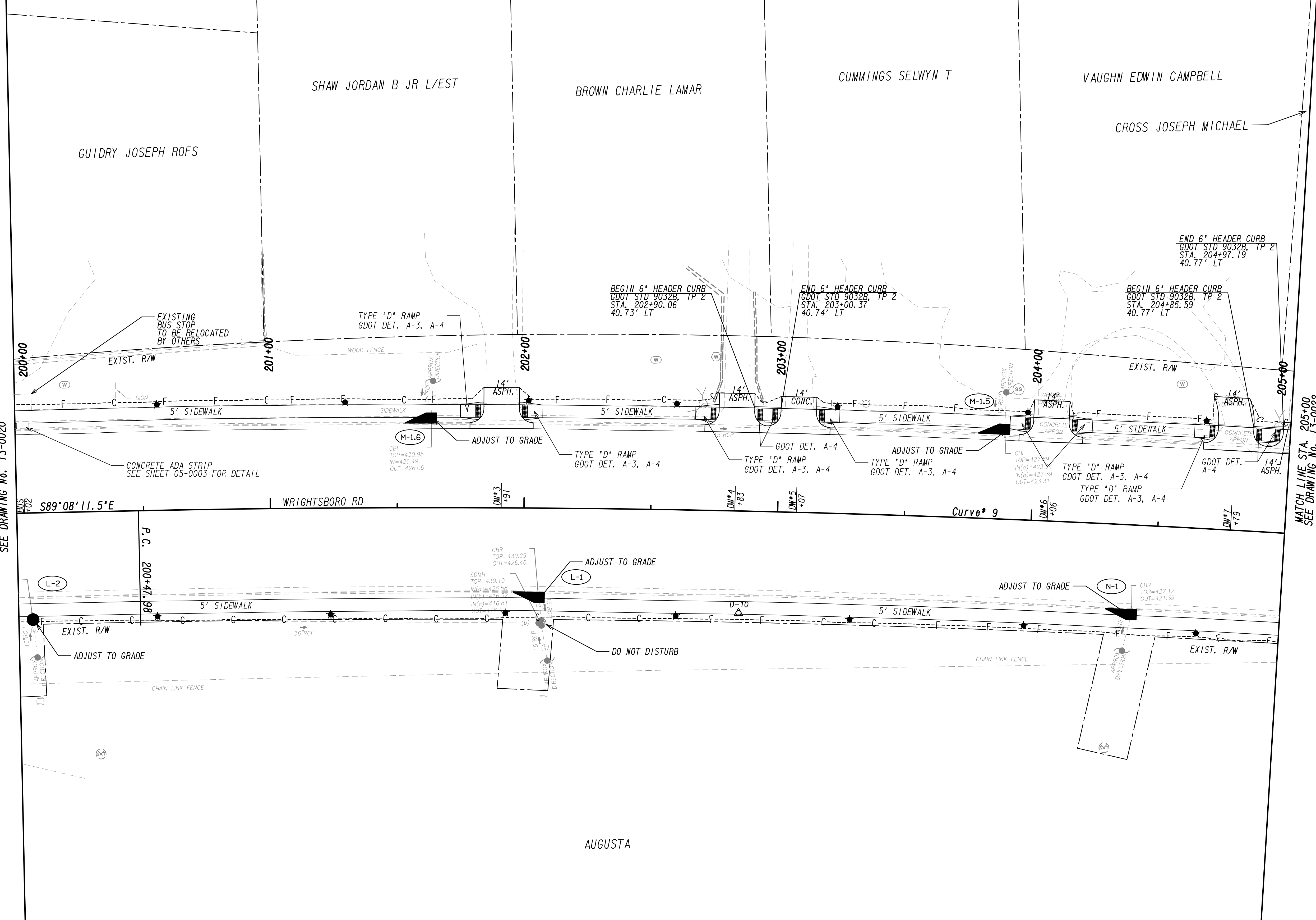


REVISION DATES

NO.	DATE	DESCRIPTION

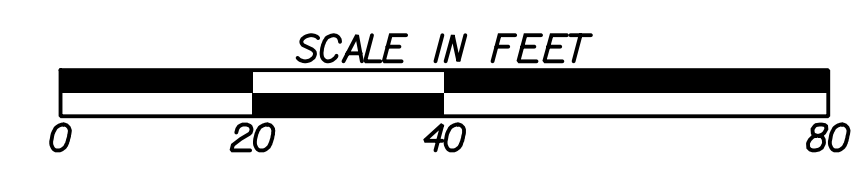
**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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



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

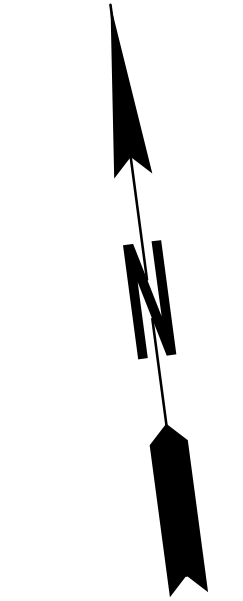
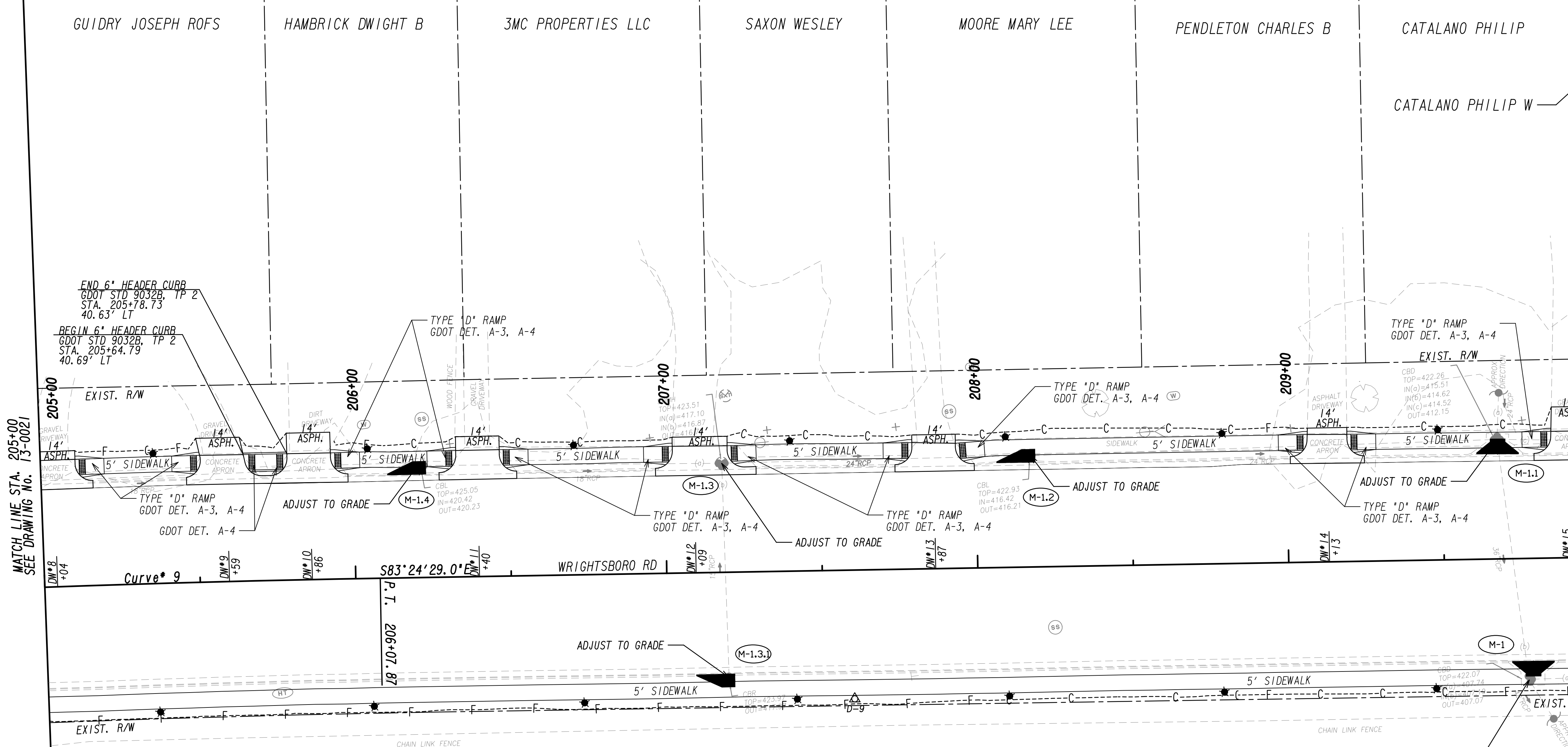
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 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

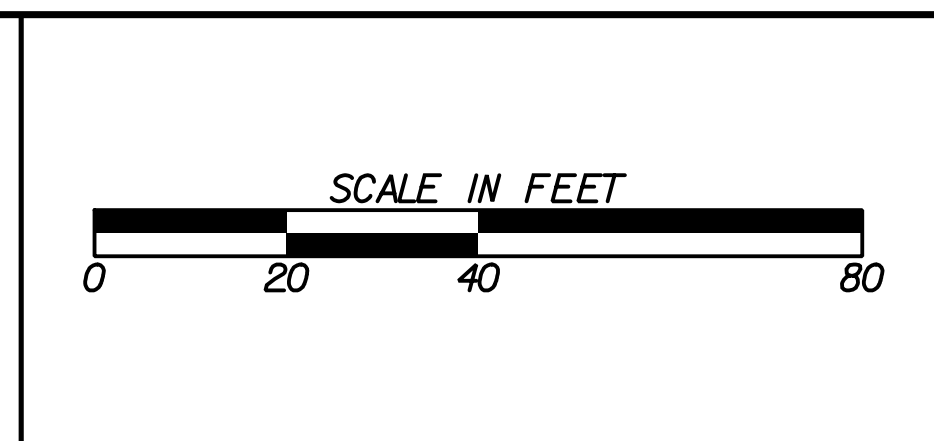
**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0021
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0022
CORRECTED:	DATE:	
VERIFIED:	DATE:	

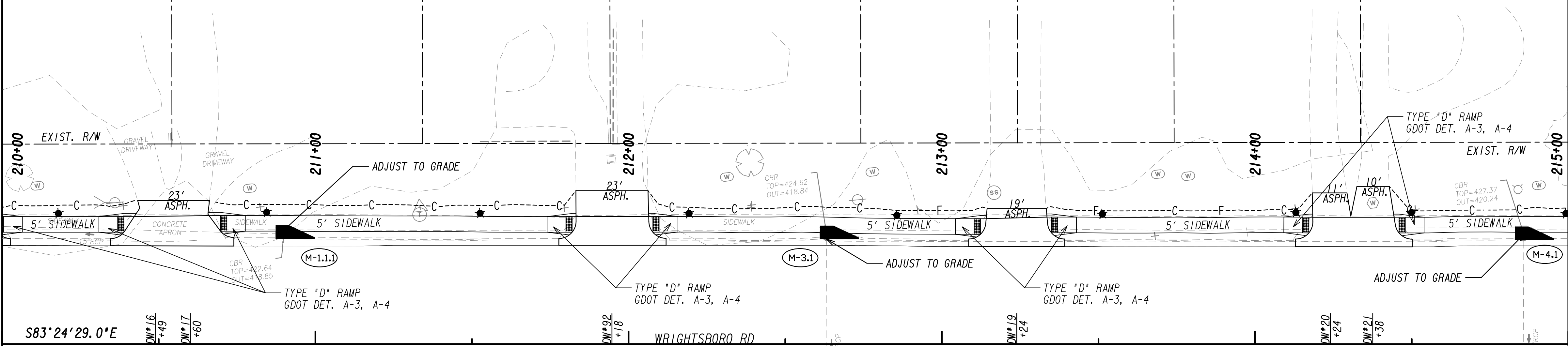




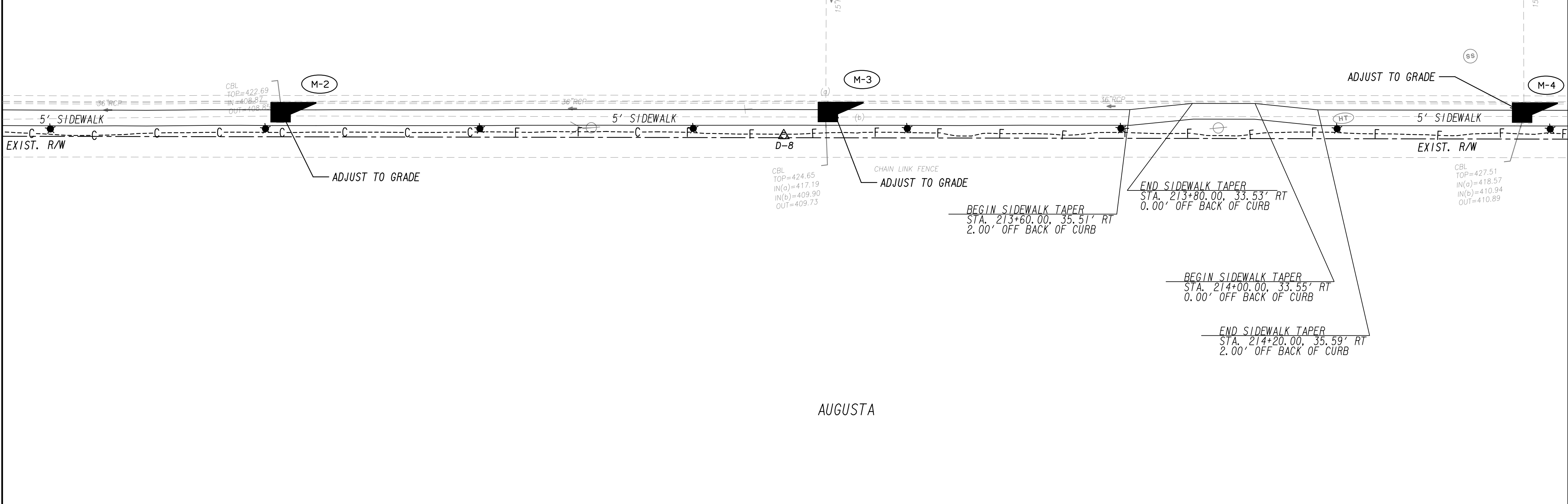
CATALANO PHILIP W      RIBOCK JOHN      BALLEW SARAH ANN      HITT OTIS M      ROPER STEPHEN WEATHERFORD      WOLFE EUGENE S      EDRY REGINA M      WAHLERT DOUGLAS L



MATCH LINE STA. 210+00  
SEE DRAWING NO. 13-0022

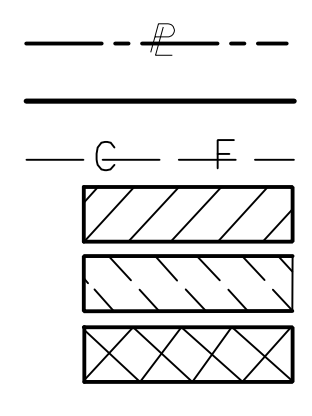


MATCH LINE STA. 215+00  
SEE DRAWING NO. 13-0024



AUGUSTA

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



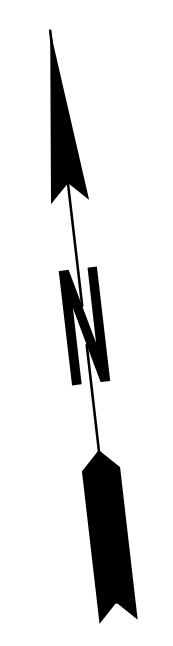
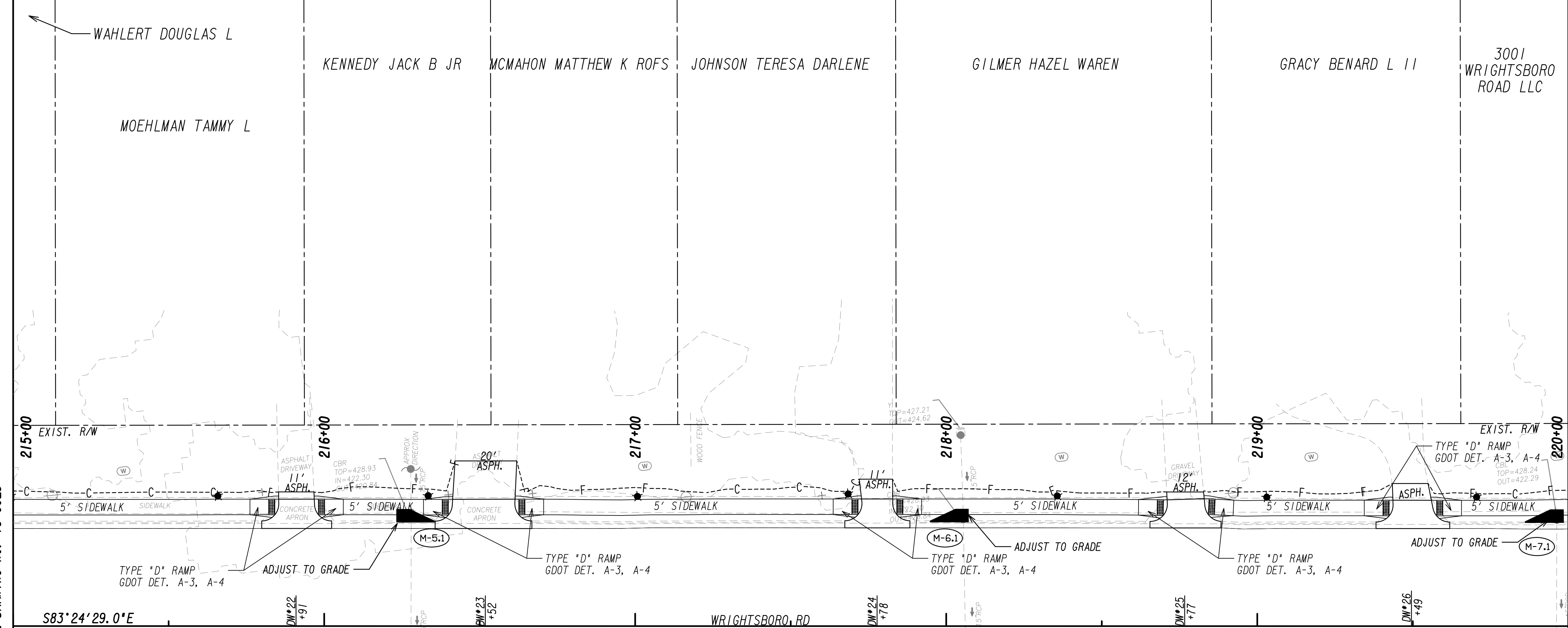
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

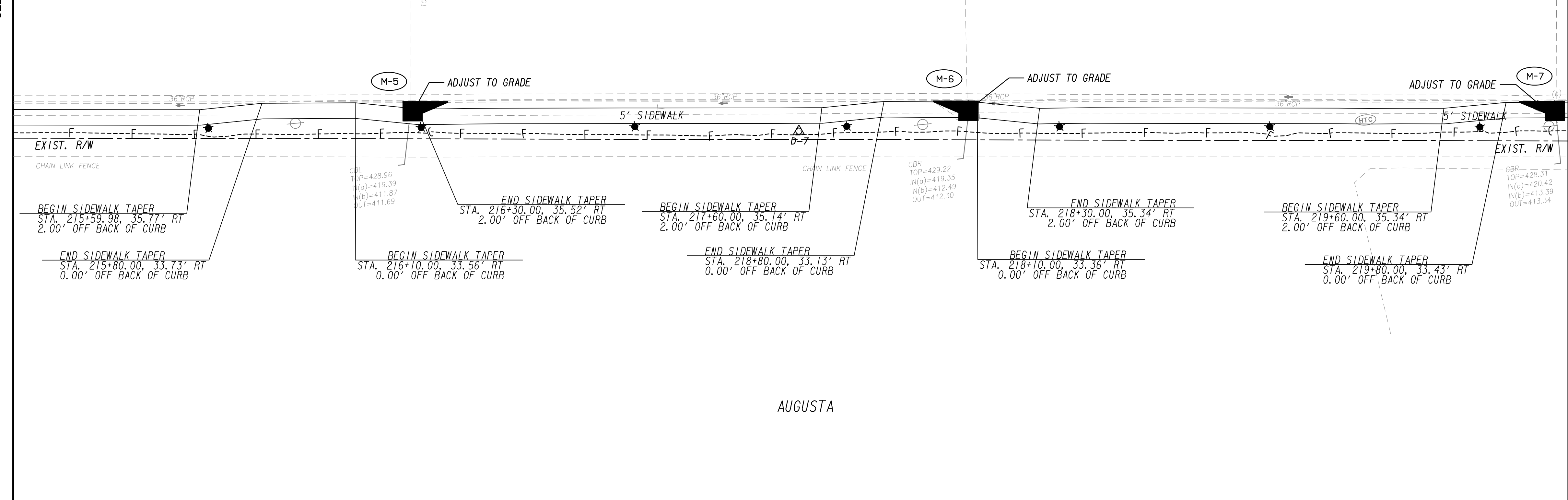
**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>13-0023</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 215+00  
SEE DRAWING No. 13-0023

MATCH LINE STA. 220+00  
SEE DRAWING No. 13-0025

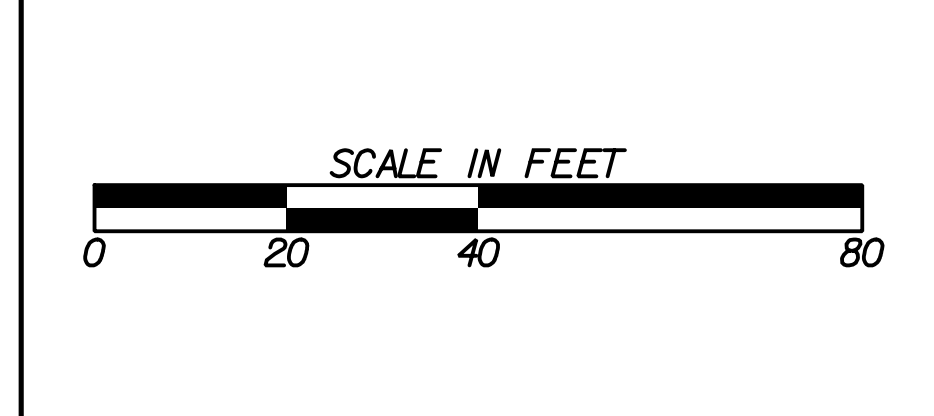


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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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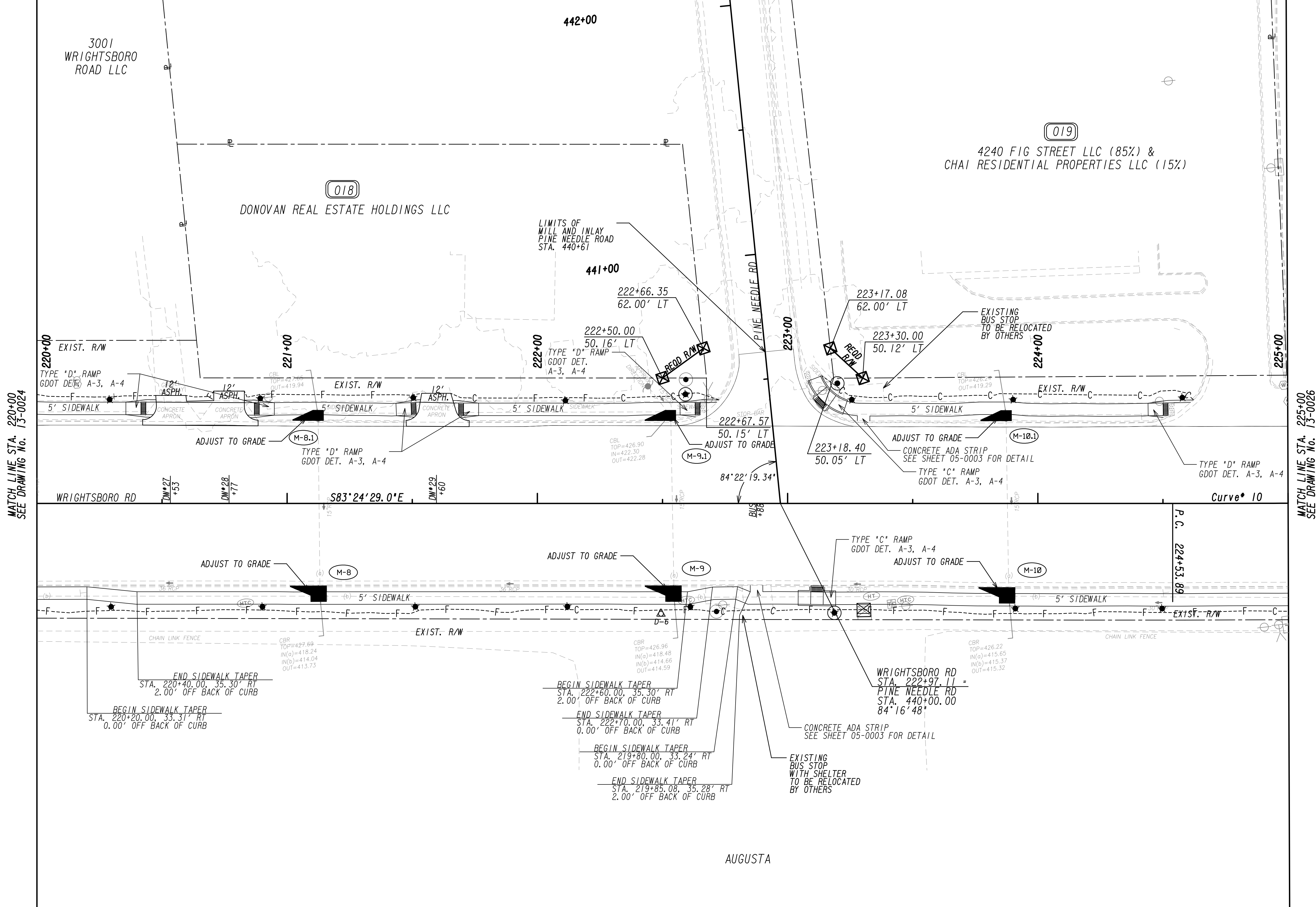
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0024
CORRECTED:	DATE:	
VERIFIED:	DATE:	

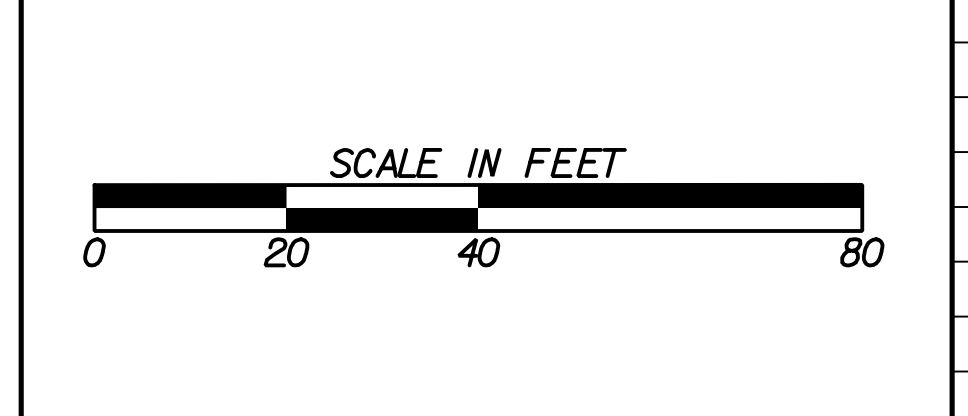


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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)

Drawing Copyright © 2020

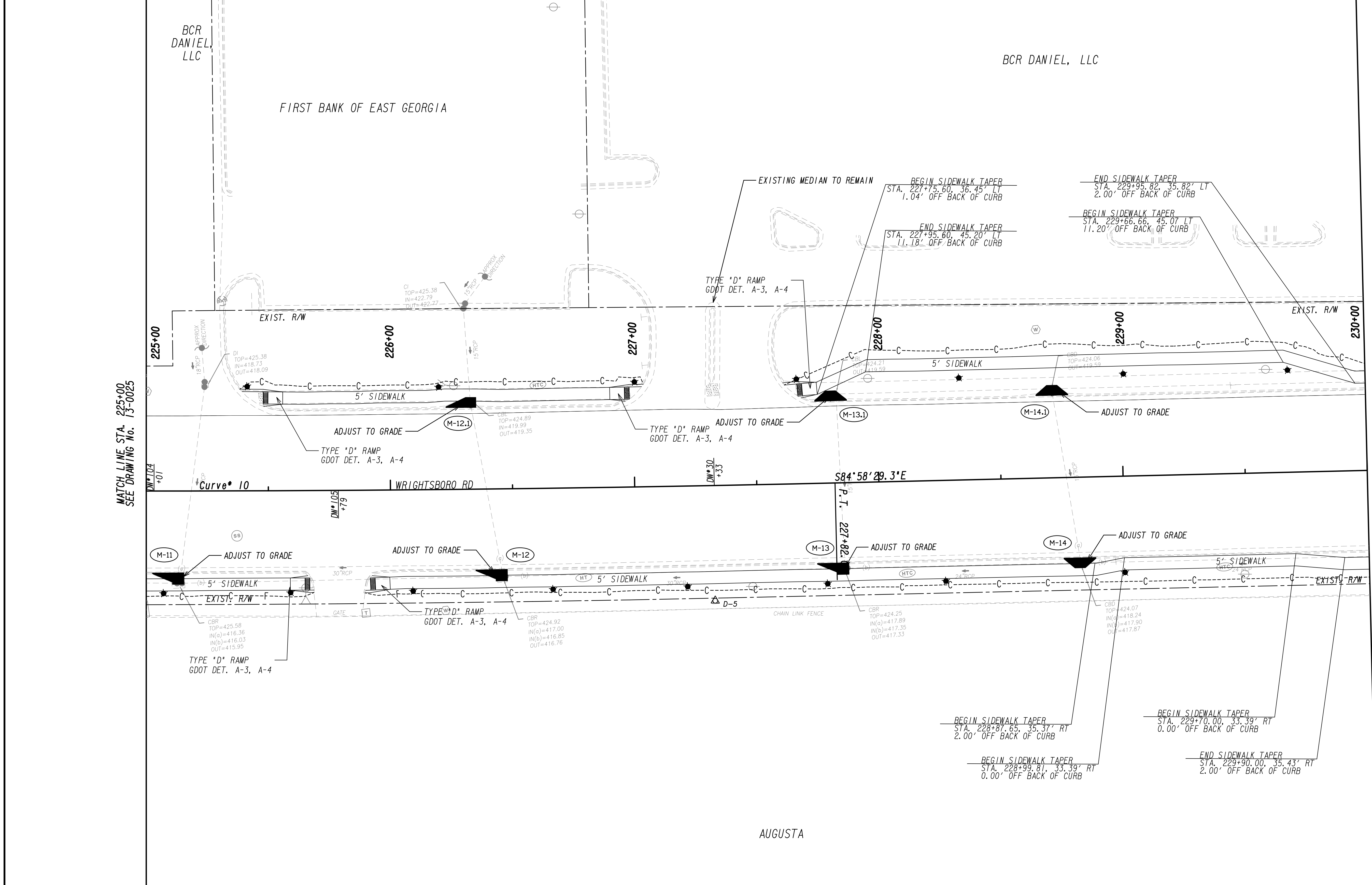
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0025
CORRECTED:	DATE:	
VERIFIED:	DATE:	



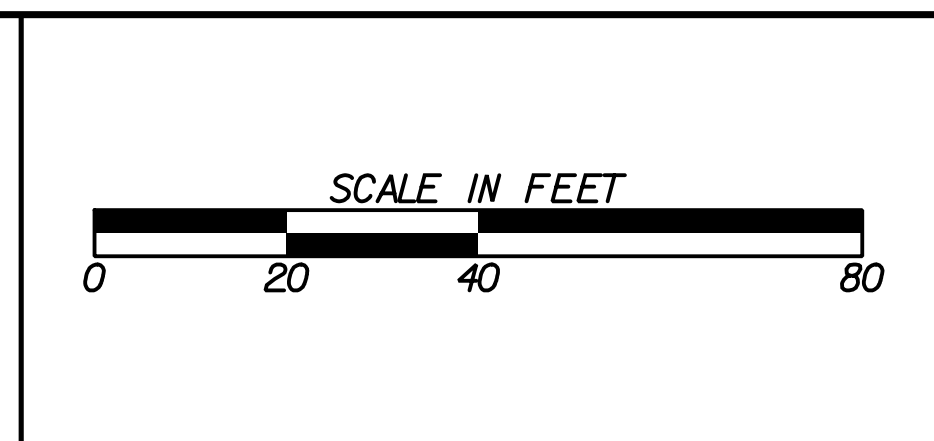
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

--- P ---  
 --- C --- F ---  
 [Hatched Box]  
 [Hatched Box]  
 [Hatched Box]

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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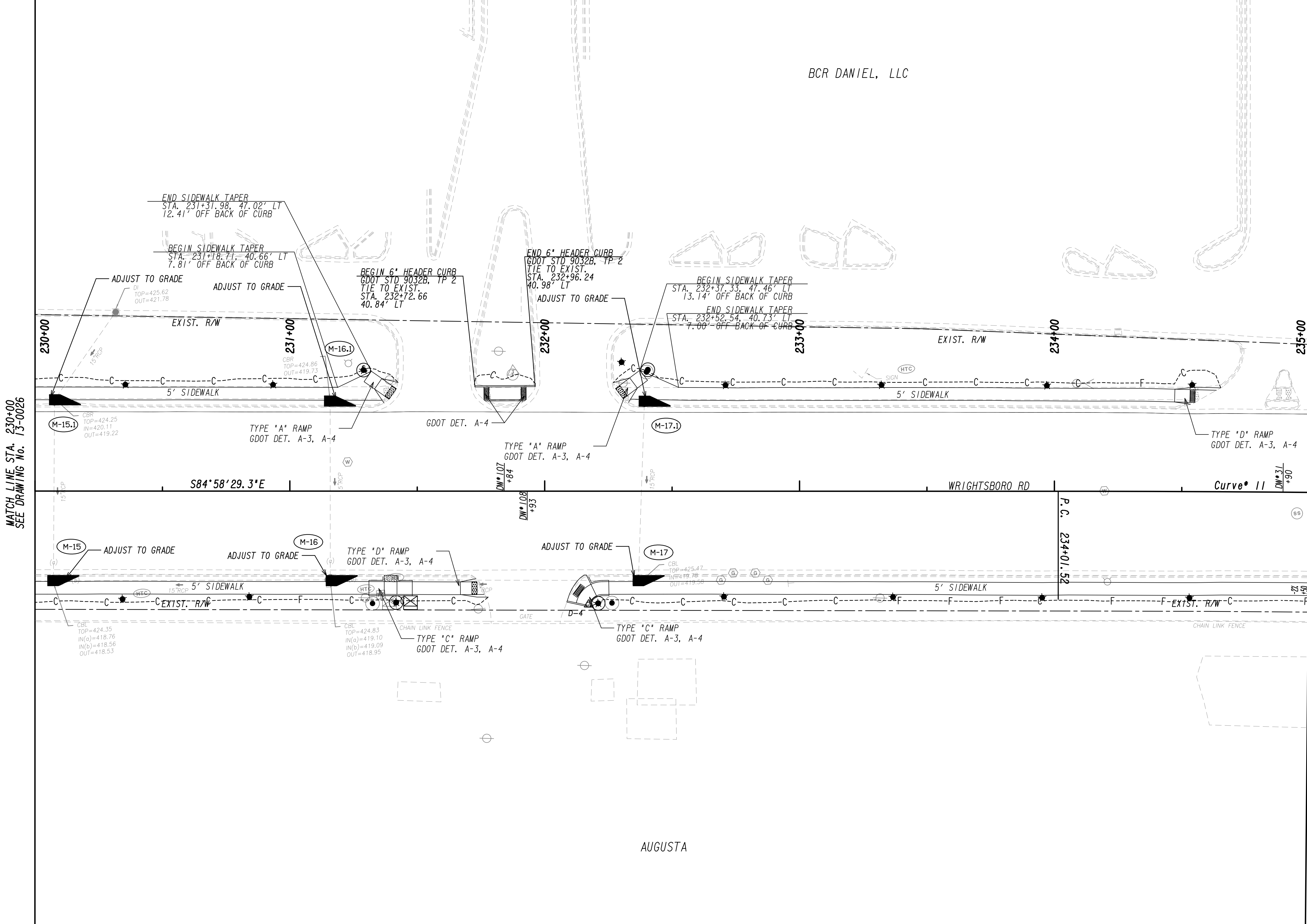
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0026
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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

--- P ---  
 --- G --- F ---  
 [Hatched Box]  
 [Hatched Box]  
 [Hatched Box]

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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REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0027
CORRECTED:	DATE:	
VERIFIED:	DATE:	



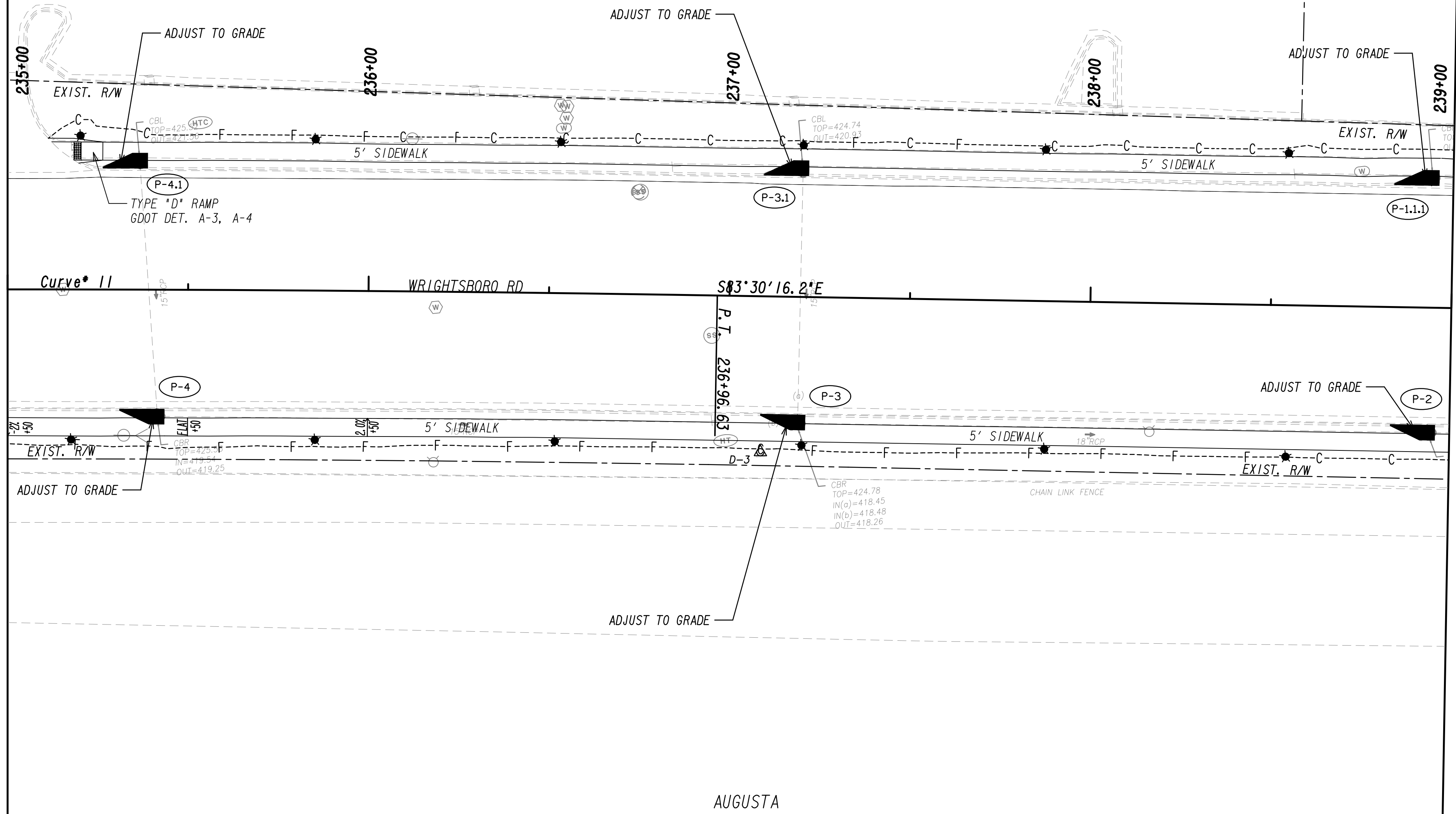
BCR DANIEL, LLC

BCR DANIEL, LLC

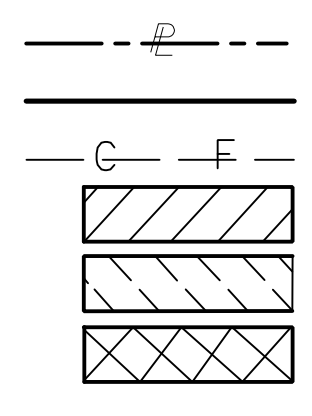


MATCH LINE STA. 235+00  
SEE DRAWING No. 13-0027

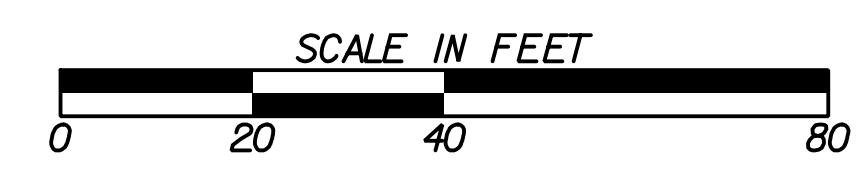
MATCH LINE STA. 239+00  
SEE DRAWING No. 13-0029



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



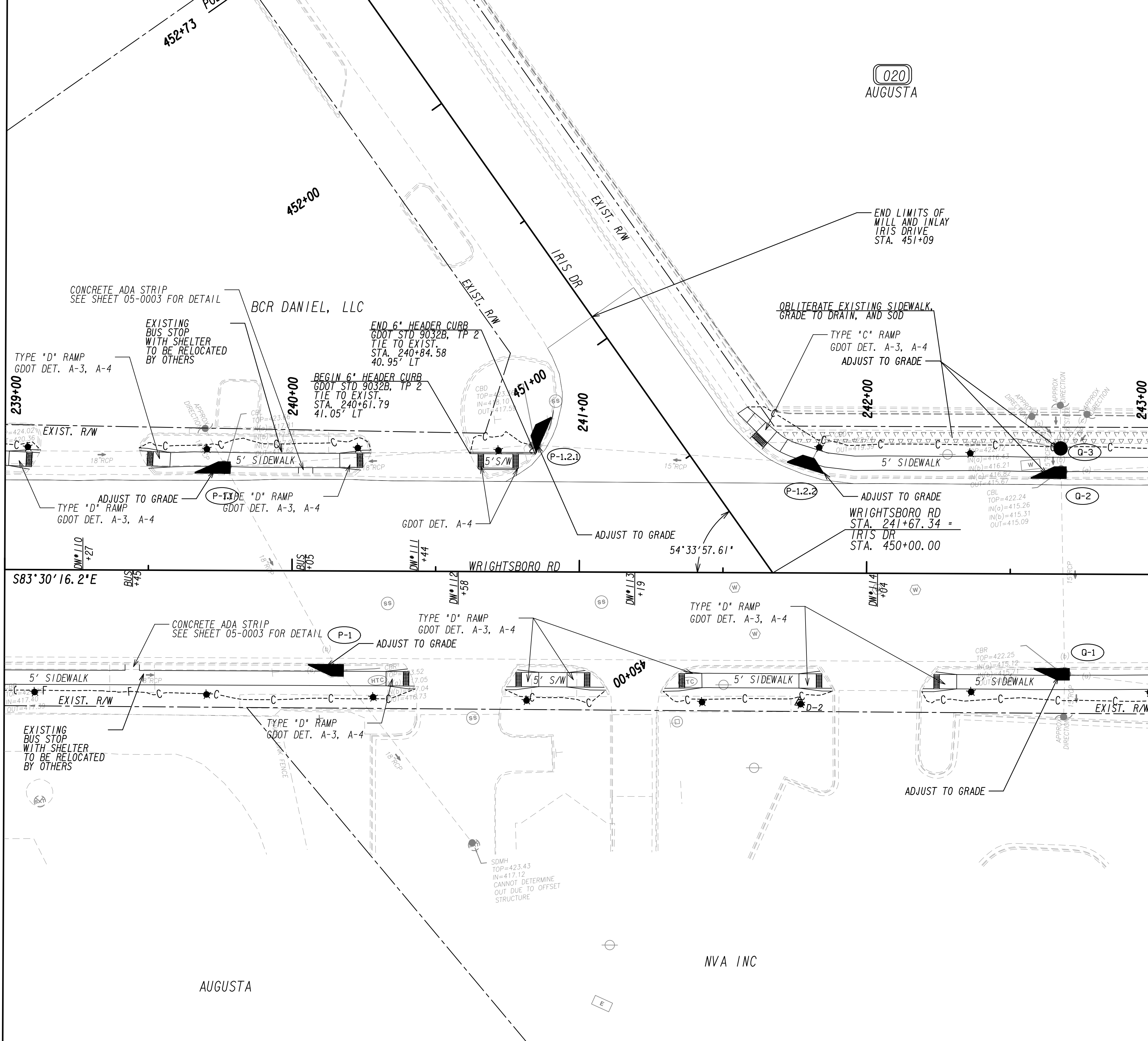
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 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

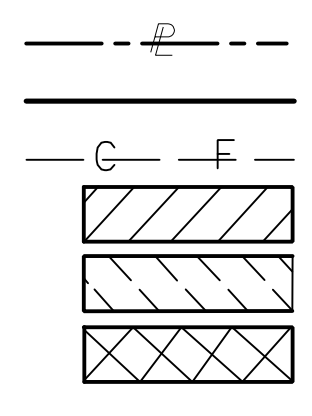
CHECKED:	DATE:	DRAWING No. <b>13-0028</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



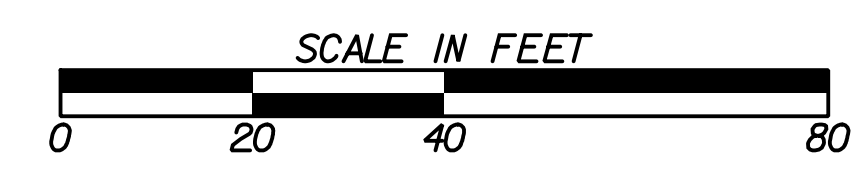
MATCH LINE STA. 239+00  
SEE DRAWING No. 13-002B

MATCH LINE STA. 243+00  
SEE DRAWING No. 13-0030

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



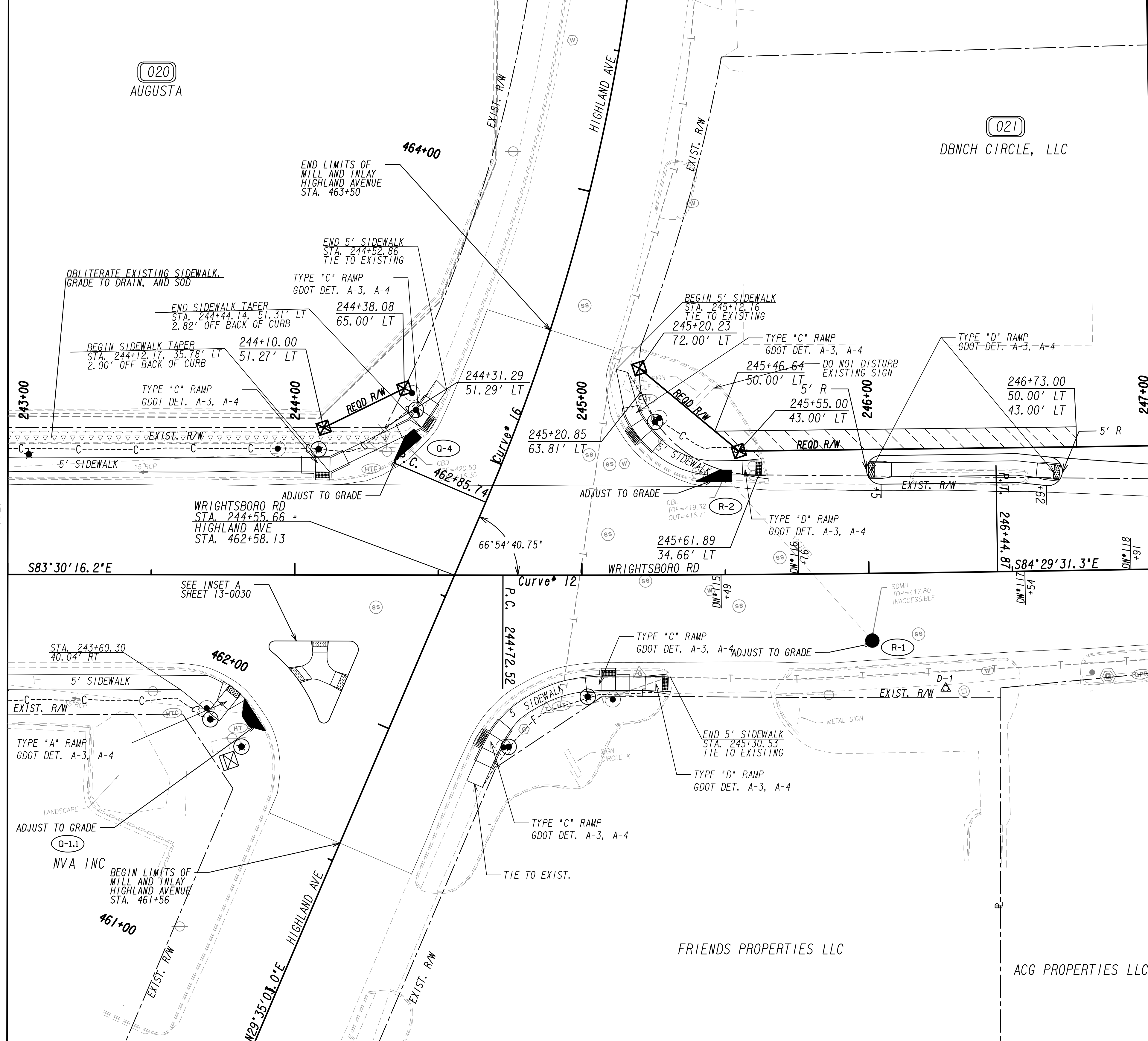
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

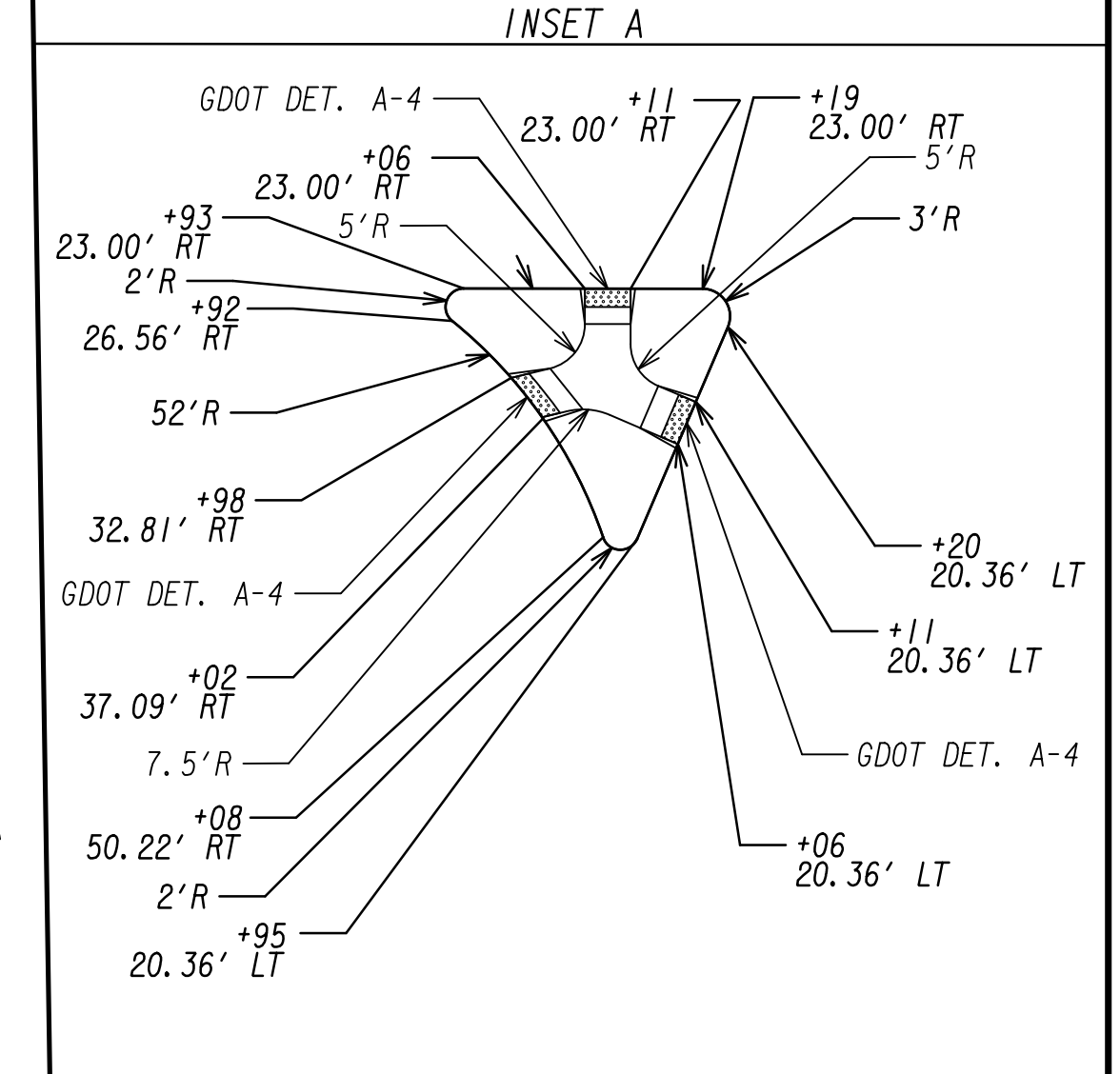
**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0029
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 243+00 SEE DRAWING NO. 13-0029

MATCH LINE STA. 247+00 SEE DRAWING NO. 13-0031



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

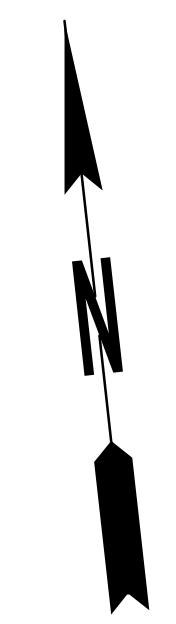
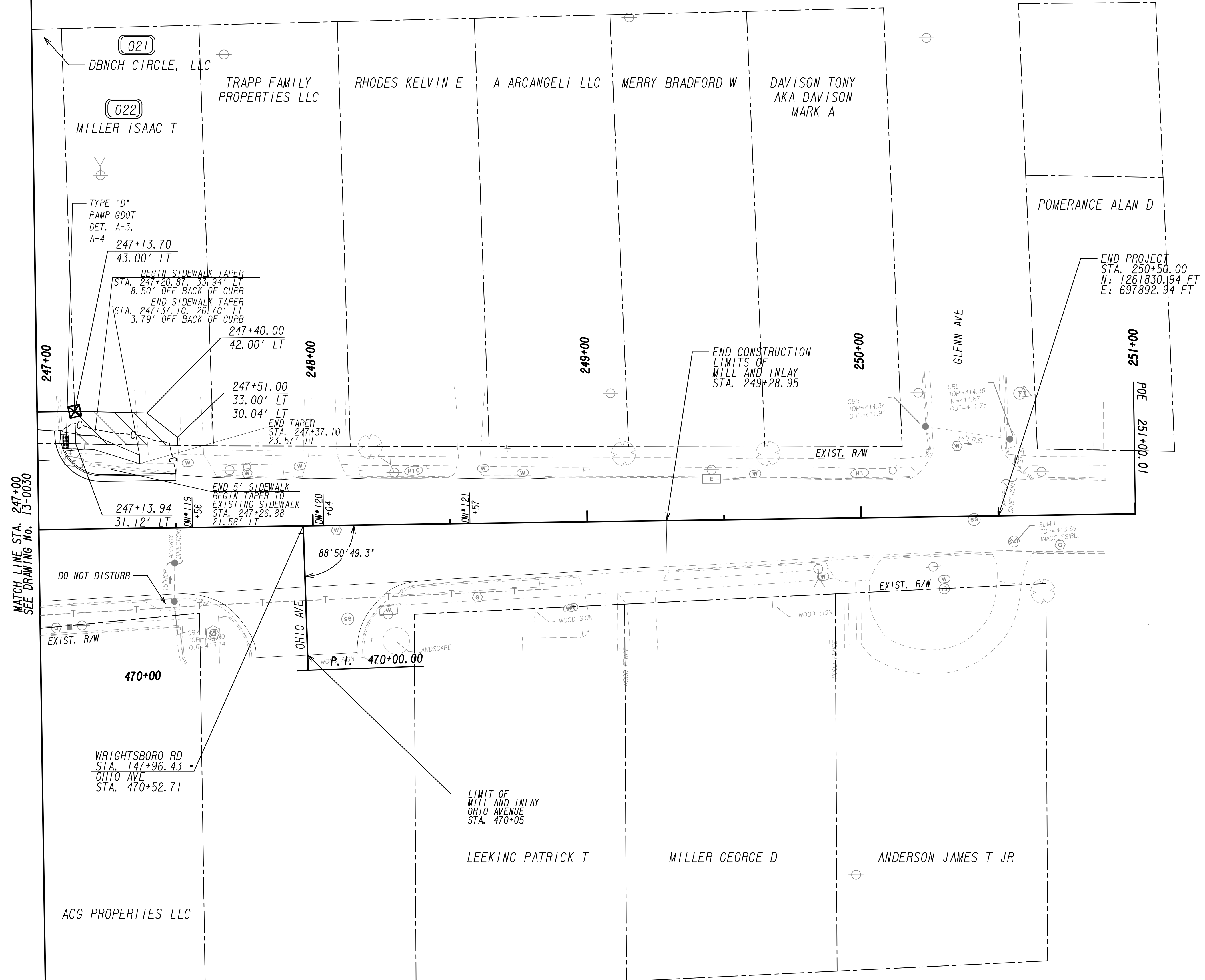
BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---



REVISION DATES	

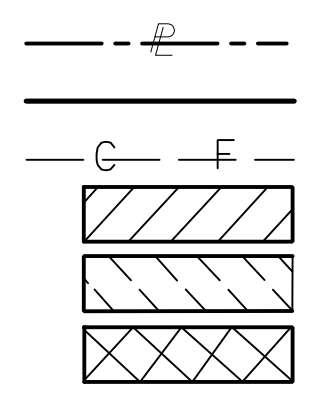
<b>MAINLINE PLAN</b> WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	13-0030	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



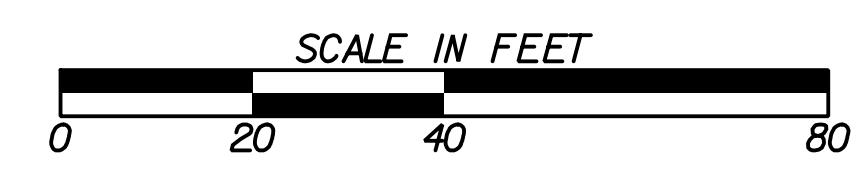


101  
 N-1261805.076  
 E-697972.530  
 G-101  
 414.007'

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



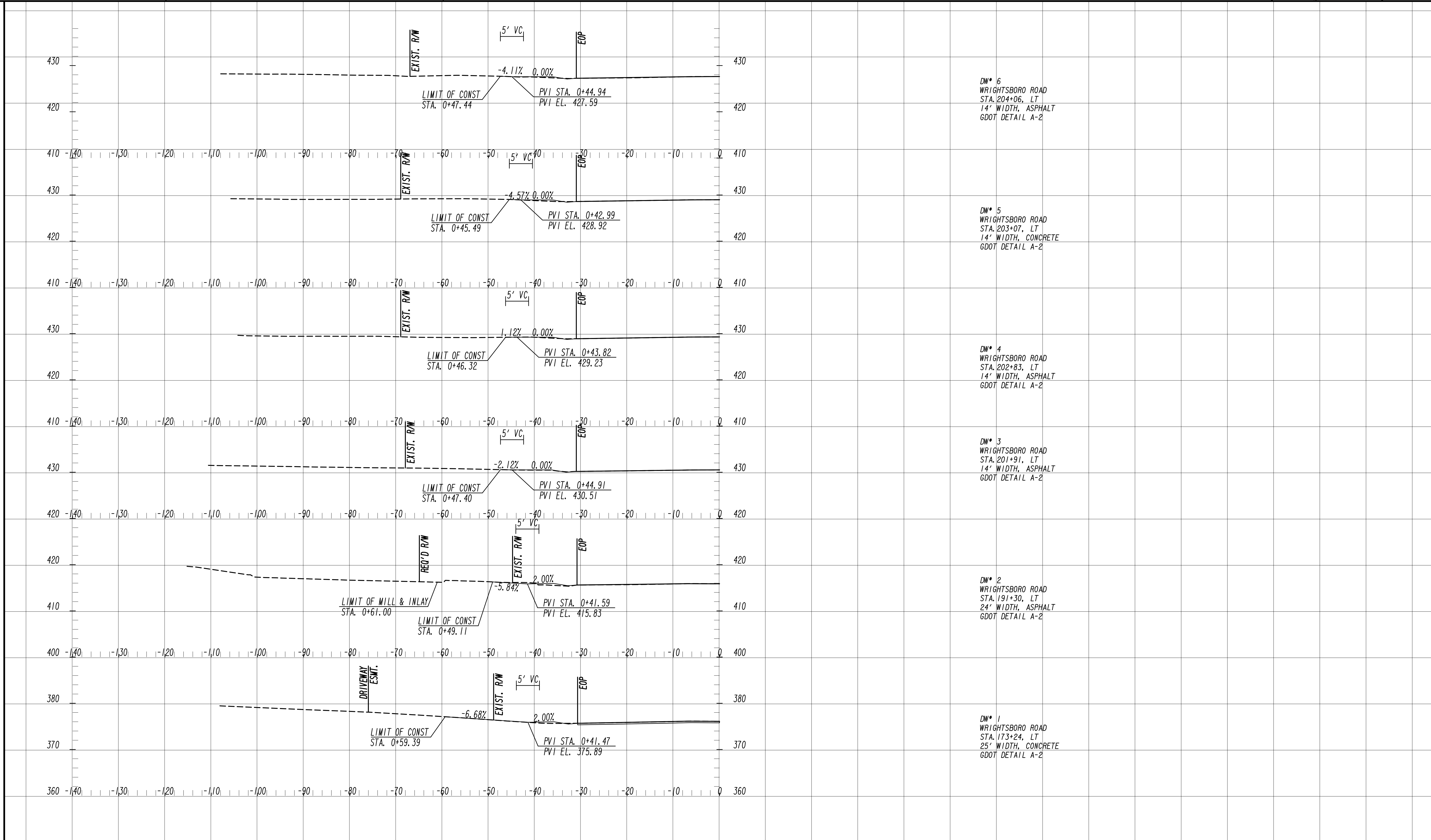
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**MAINLINE PLAN**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0031
CORRECTED:	DATE:	
VERIFIED:	DATE:	



DW\* 6  
WRIGHTSBORO ROAD  
STA. 204+06, LT  
14' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW\* 5  
WRIGHTSBORO ROAD  
STA. 203+07, LT  
14' WIDTH, CONCRETE  
GDOT DETAIL A-2

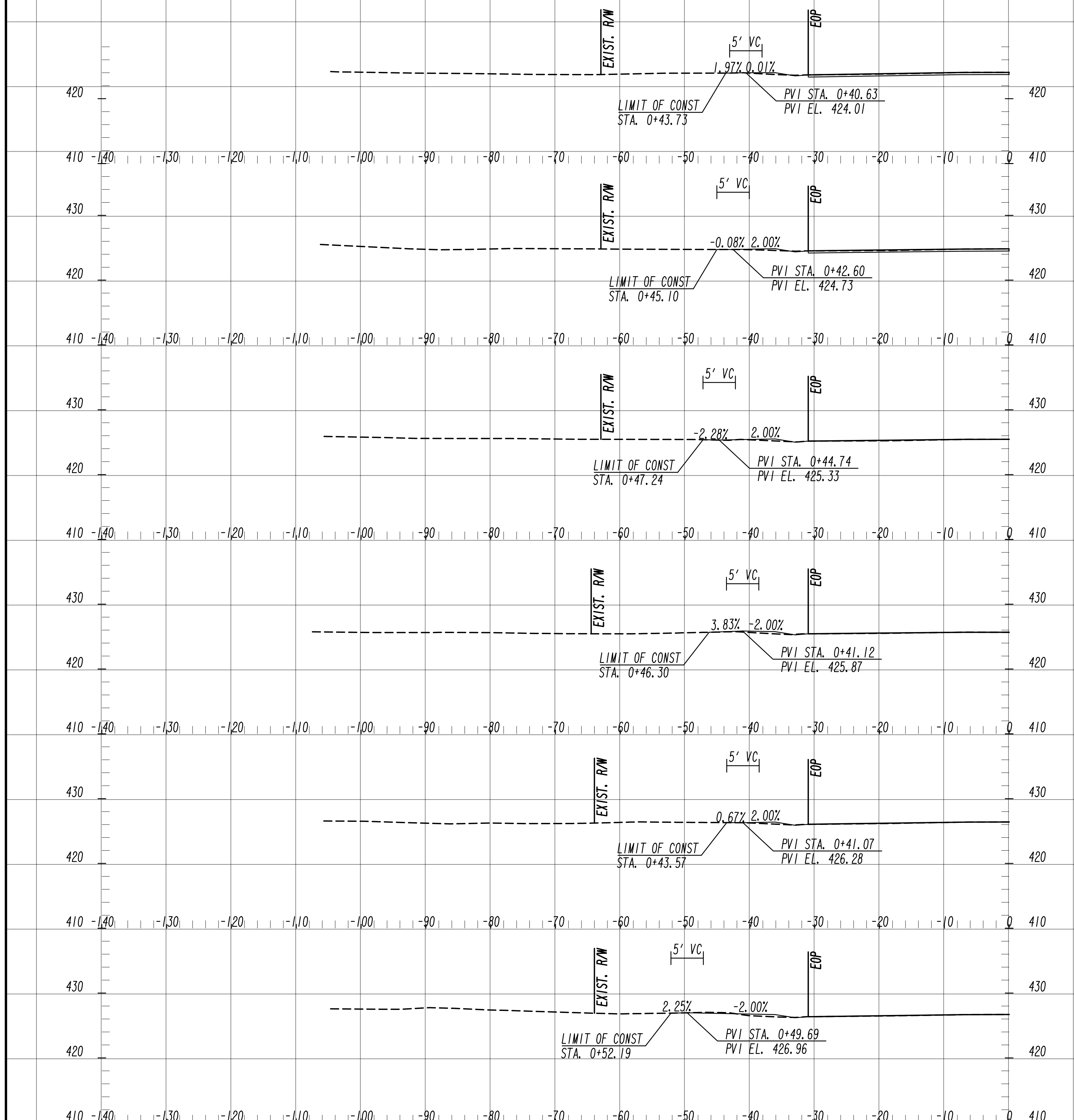
DW\* 4  
WRIGHTSBORO ROAD  
STA. 202+83, LT  
14' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW\* 3  
WRIGHTSBORO ROAD  
STA. 201+91, LT  
14' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW\* 2  
WRIGHTSBORO ROAD  
STA. 191+30, LT  
24' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW\* 1  
WRIGHTSBORO ROAD  
STA. 173+24, LT  
25' WIDTH, CONCRETE  
GDOT DETAIL A-2

<p>7/31/2015 GPLN</p>	<p>Drawing Copyright © 2020</p> <p>6745 Sugarloaf Parkway, Suite 100 Duluth, GA 30097 770.447.8999 - www.chacompanies.com</p>	<p>SCALE: 1" = 10' VERT. 1" = 10' HORIZ.</p>	<p>REVISION DATES</p> <table border="1" style="width: 100%; height: 40px;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>									<p><b>DRIVEWAY PROFILE</b> WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE</p>	<table border="1" style="width: 100%; font-size: 8px;"> <tr> <td>CHECKED:</td> <td>DATE:</td> </tr> <tr> <td>BACKCHECKED:</td> <td>DATE:</td> </tr> <tr> <td>CORRECTED:</td> <td>DATE:</td> </tr> <tr> <td>VERIFIED:</td> <td>DATE:</td> </tr> </table>	CHECKED:	DATE:	BACKCHECKED:	DATE:	CORRECTED:	DATE:	VERIFIED:	DATE:	<p>DRAWING No. <b>17-0001</b></p>
CHECKED:	DATE:																					
BACKCHECKED:	DATE:																					
CORRECTED:	DATE:																					
VERIFIED:	DATE:																					



DW# 12  
 WRIGHTSBORO ROAD  
 STA. 207+09, LT  
 18' WIDTH, ASPHALT  
 GDOT DETAIL A-2

DW# 11  
 WRIGHTSBORO ROAD  
 STA. 206+40, LT  
 14' WIDTH, ASPHALT  
 GDOT DETAIL A-2

DW# 10  
 WRIGHTSBORO ROAD  
 STA. 205+86, LT  
 14' WIDTH, ASPHALT  
 GDOT DETAIL A-2

DW# 9  
 WRIGHTSBORO ROAD  
 STA. 205+59, LT  
 14' WIDTH, ASPHALT  
 GDOT DETAIL A-2

DW# 8  
 WRIGHTSBORO ROAD  
 STA. 205+04, LT  
 14' WIDTH, ASPHALT  
 GDOT DETAIL A-2

DW# 7  
 WRIGHTSBORO ROAD  
 STA. 204+79, LT  
 14' WIDTH, ASPHALT  
 GDOT DETAIL A-2



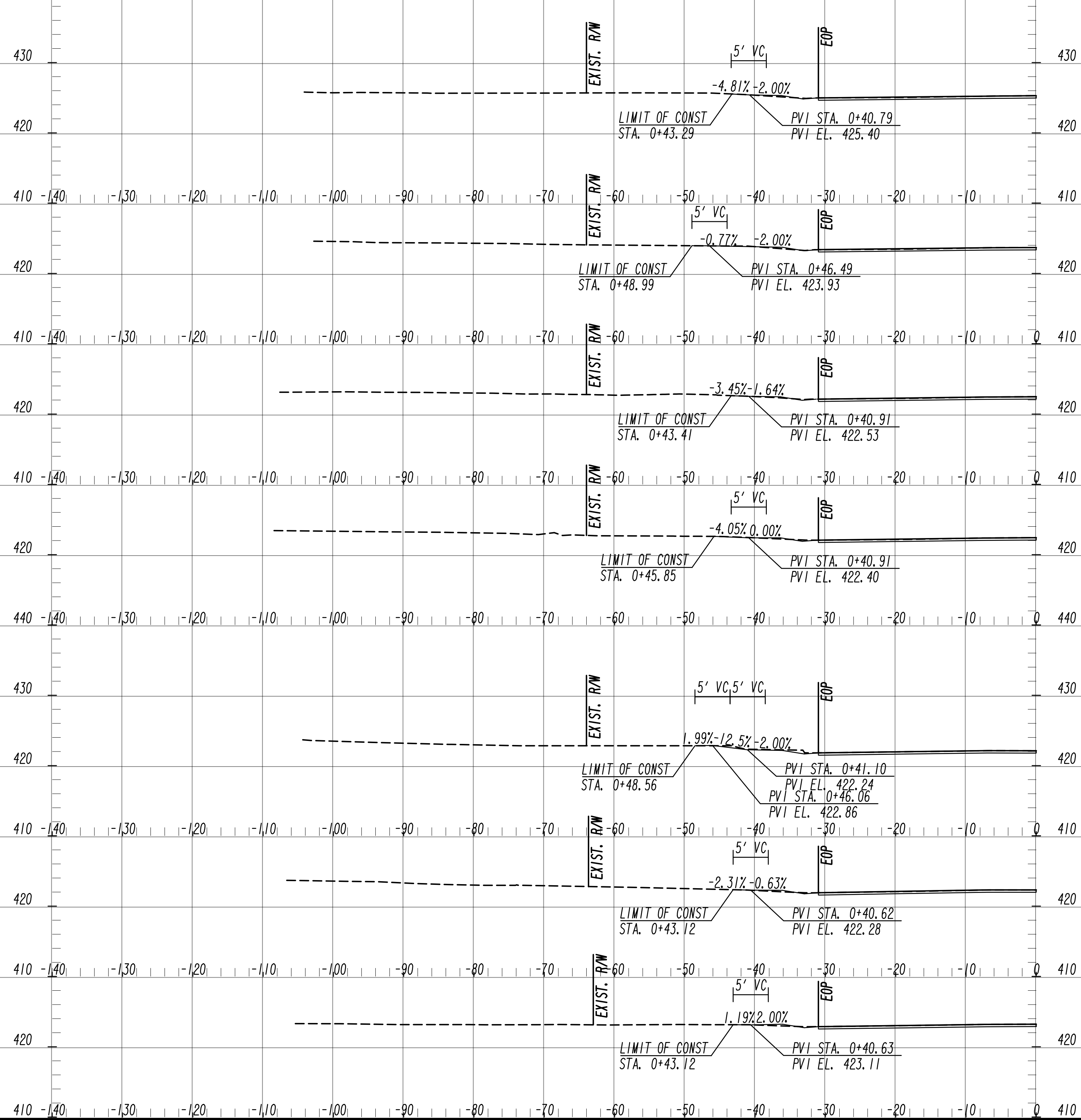
SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**DRIVEWAY PROFILE**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>17-0002</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



DW# 19  
WRIGHTSBORO ROAD  
STA. 213+24, LT  
19' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW# 18  
WRIGHTSBORO ROAD  
STA. 211+95, LT  
23' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW# 17  
WRIGHTSBORO ROAD  
STA. 210+60, LT  
11' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW# 16  
WRIGHTSBORO ROAD  
STA. 210+49, LT  
12' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW# 15  
WRIGHTSBORO ROAD  
STA. 209+91, LT  
12' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW# 14  
WRIGHTSBORO ROAD  
STA. 209+13, LT  
13' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW# 13  
WRIGHTSBORO ROAD  
STA. 207+86, LT  
14' WIDTH, ASPHALT  
GDOT DETAIL A-2

REVISION DATES

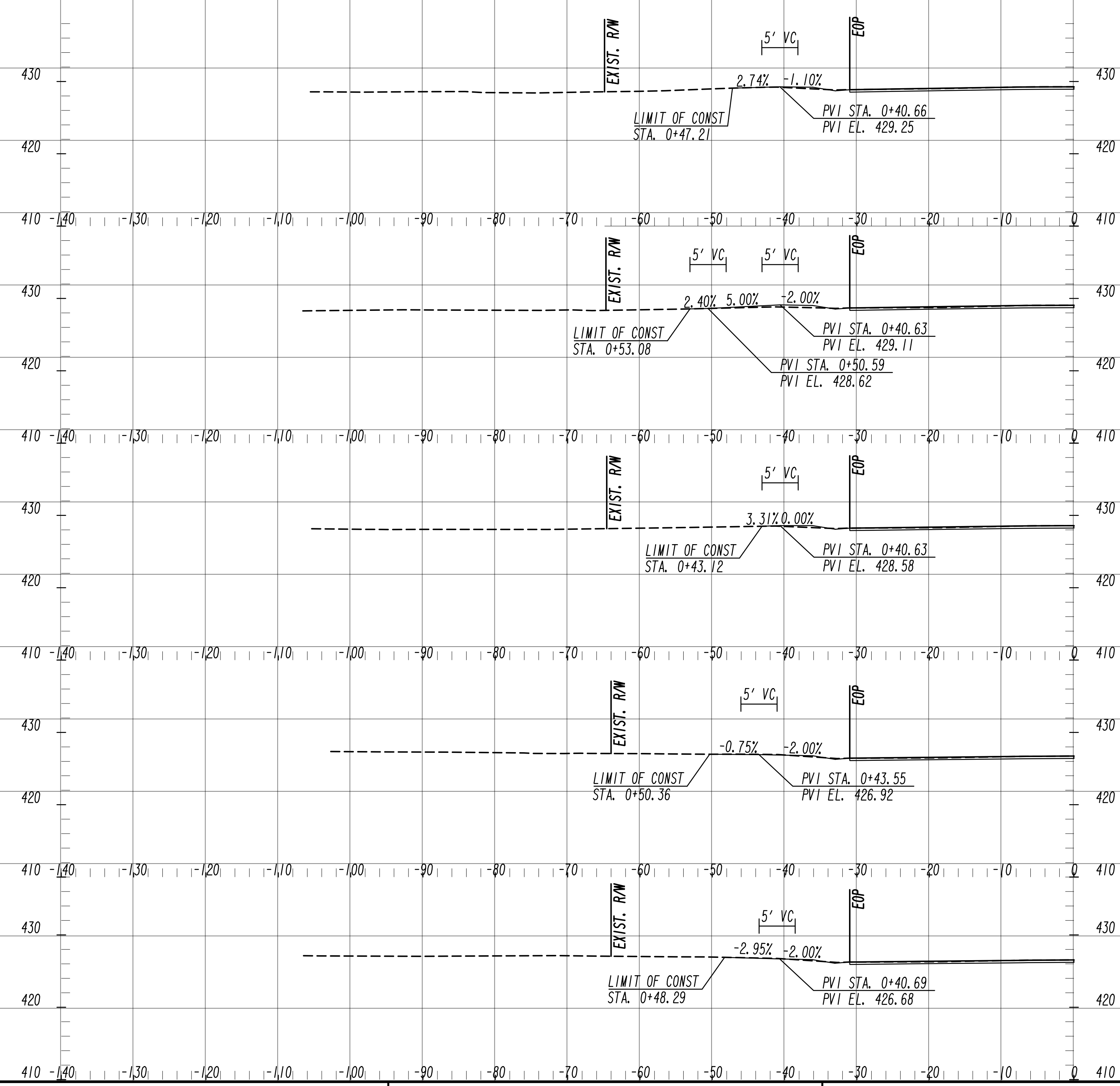
NO.	DATE	DESCRIPTION

**DRIVEWAY PROFILE**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>17-0003</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.



DM\* 24  
 WRIGHTSBORO ROAD  
 STA. 217+78, LT  
 11' WIDTH, ASPHALT  
 GDOT DETAIL A-2

DM\* 23  
 WRIGHTSBORO ROAD  
 STA. 216+52, LT  
 20' WIDTH, ASPHALT  
 GDOT DETAIL A-2

DM\* 22  
 WRIGHTSBORO ROAD  
 STA. 215+91, LT  
 11' WIDTH, ASPHALT  
 GDOT DETAIL A-2

DM\* 21  
 WRIGHTSBORO ROAD  
 STA. 214+38, LT  
 10' WIDTH, ASPHALT  
 GDOT DETAIL A-2

DM\* 20  
 WRIGHTSBORO ROAD  
 STA. 214+24, LT  
 11' WIDTH, ASPHALT  
 GDOT DETAIL A-2



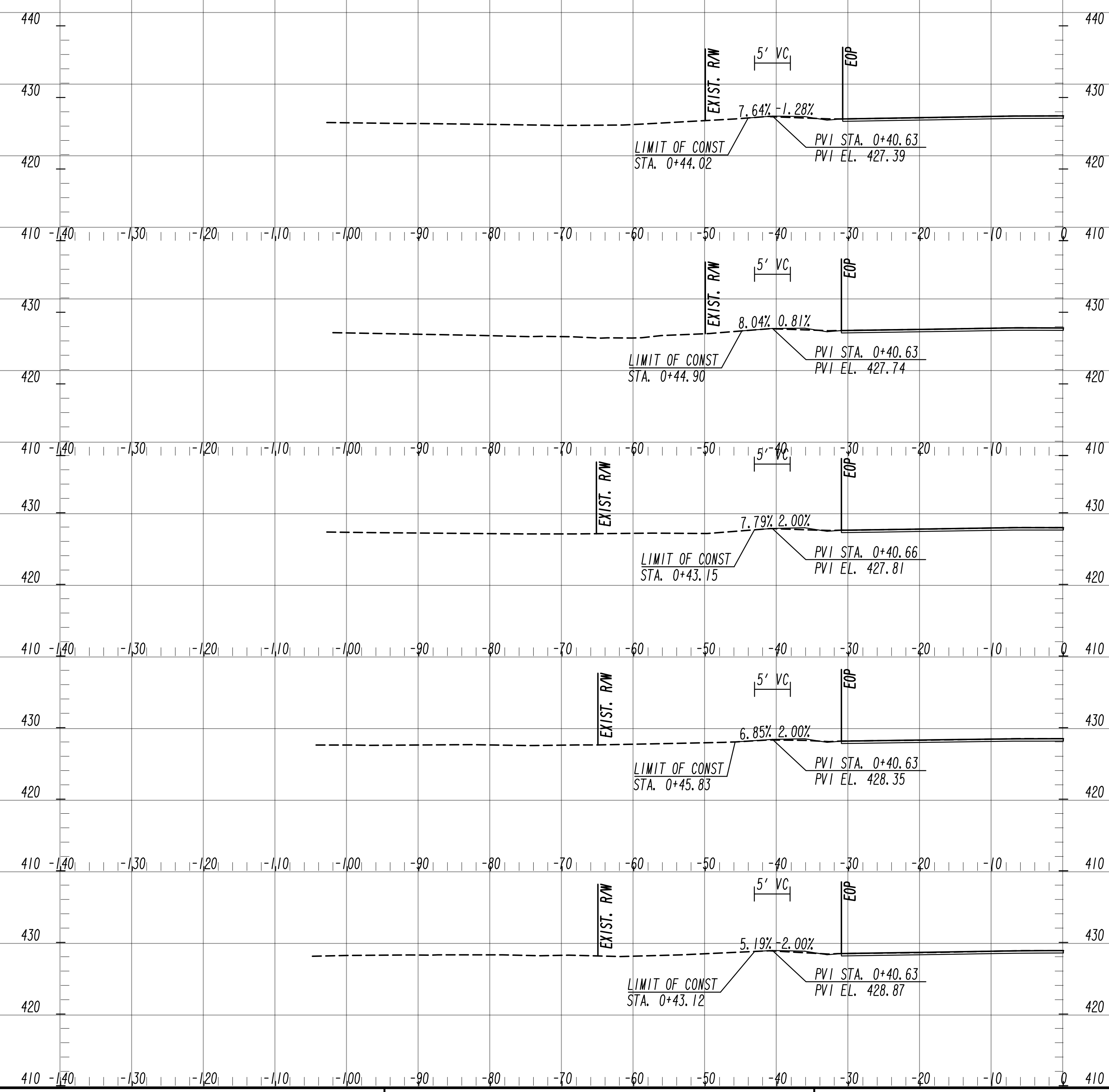
SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**DRIVEWAY PROFILE**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>17-0004</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



DM\* 29  
WRIGHTSBORO ROAD  
STA. 221+60, LT  
12' WIDTH, ASPHALT  
GDOT DETAIL A-2

DM\* 28  
WRIGHTSBORO ROAD  
STA. 220+77, LT  
12' WIDTH, ASPHALT  
GDOT DETAIL A-2

DM\* 27  
WRIGHTSBORO ROAD  
STA. 220+53, LT  
12' WIDTH, ASPHALT  
GDOT DETAIL A-2

DM\* 26  
WRIGHTSBORO ROAD  
STA. 219+50, LT  
11' WIDTH, ASPHALT  
GDOT DETAIL A-2

DM\* 25  
WRIGHTSBORO ROAD  
STA. 218+77, LT  
12' WIDTH, ASPHALT  
GDOT DETAIL A-2

REVISION DATES

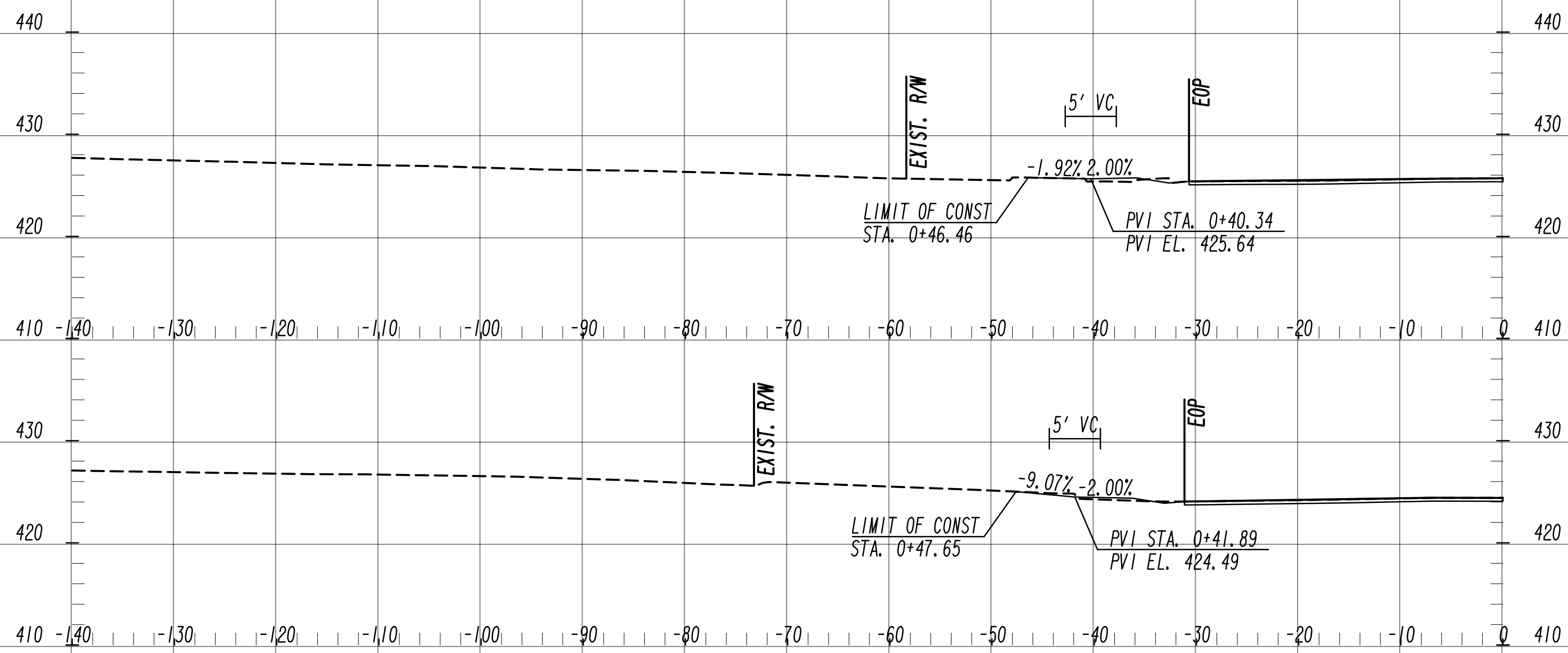
NO.	DATE	DESCRIPTION

**DRIVEWAY PROFILE**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>17-0005</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.



DW# 31  
WRIGHTSBORO ROAD  
STA. 234+90. LT  
33' WIDTH, ASPHALT  
GDOT DETAIL A-2

DW# 30  
WRIGHTSBORO ROAD  
STA. 227+33. LT  
42' WIDTH, ASPHALT  
GDOT DETAIL A-2

REVISION DATES

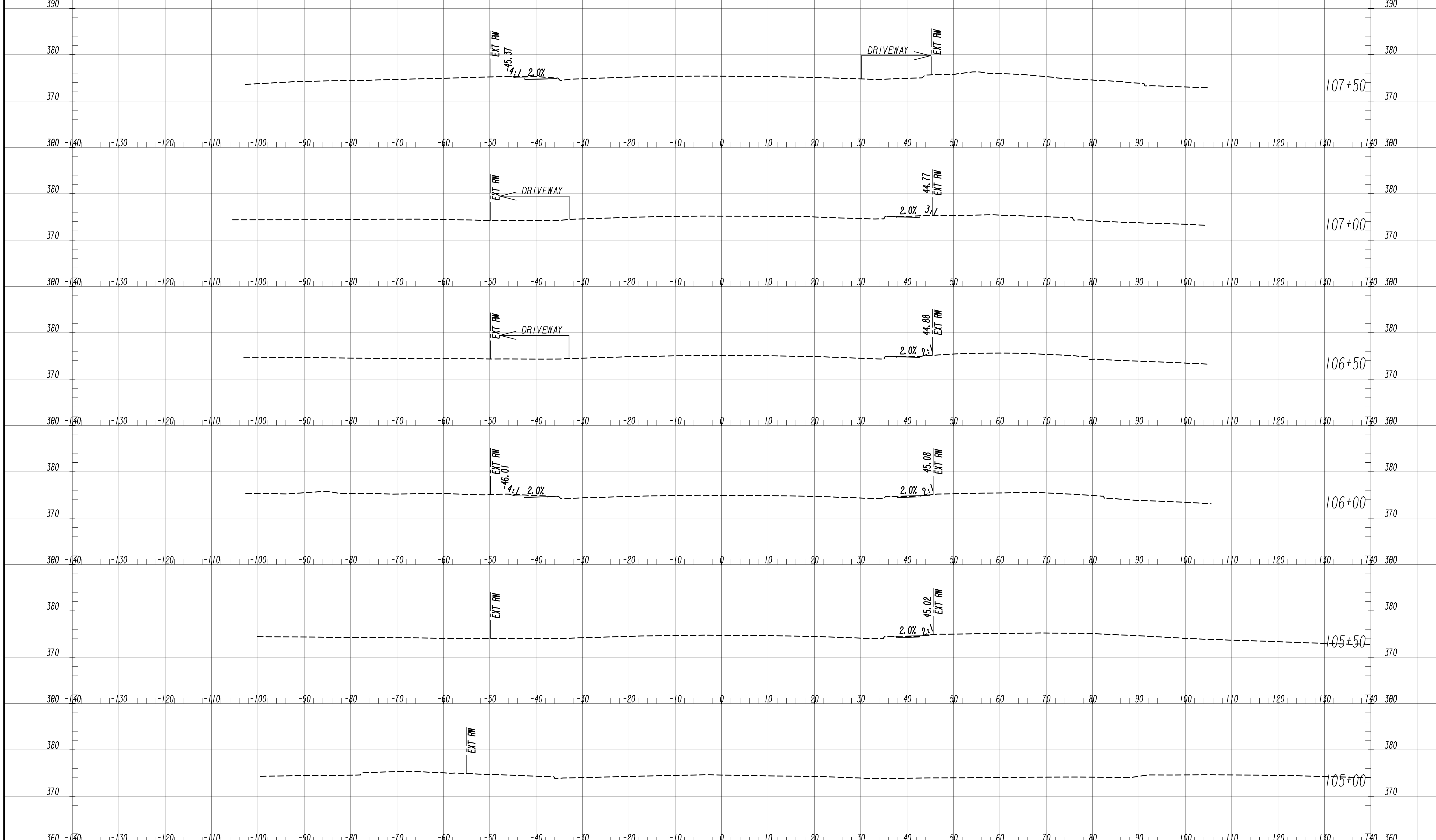
NO.	DATE	DESCRIPTION

**DRIVEWAY PROFILE**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	17-0006
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.



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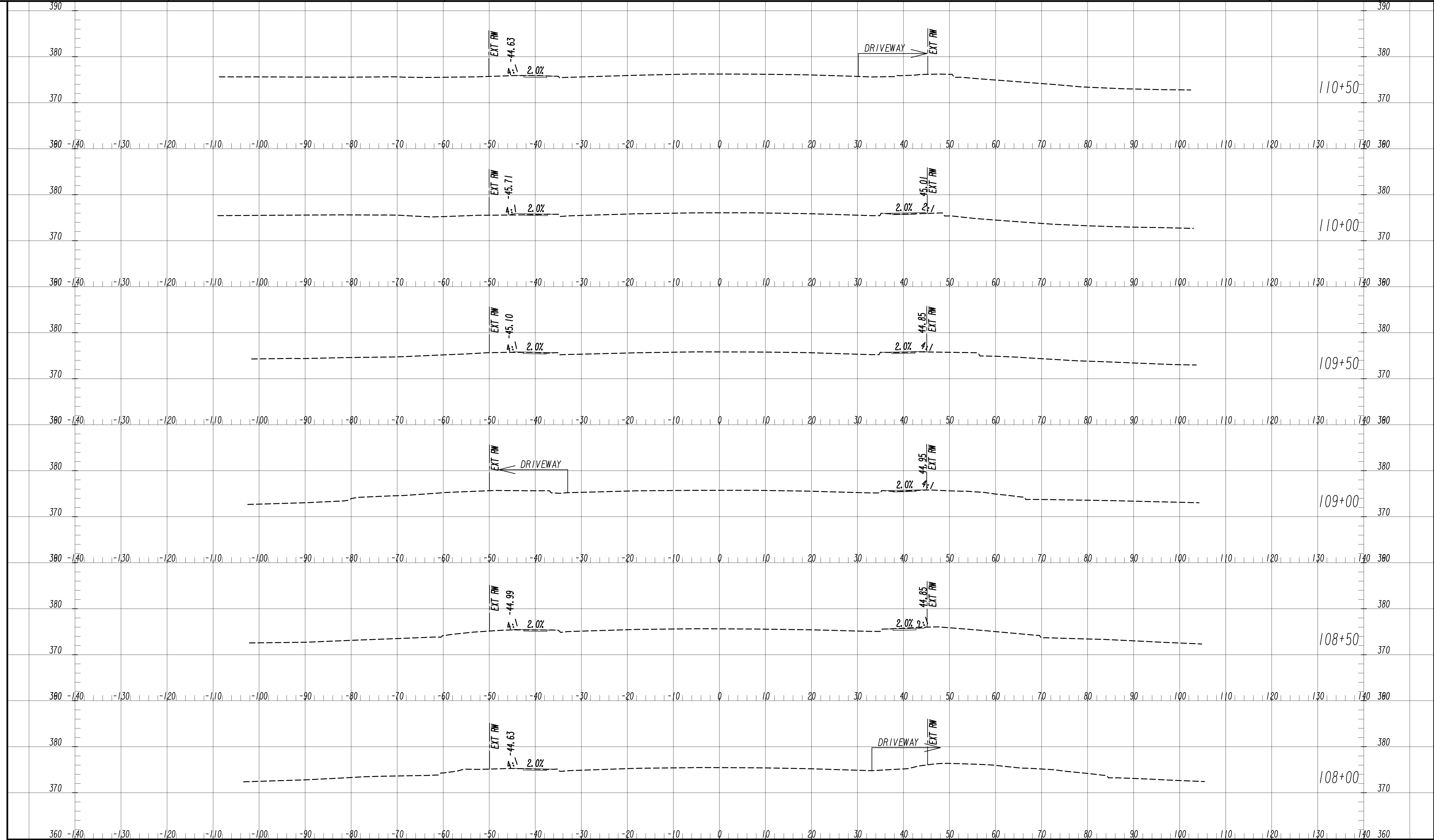
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1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0001</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	





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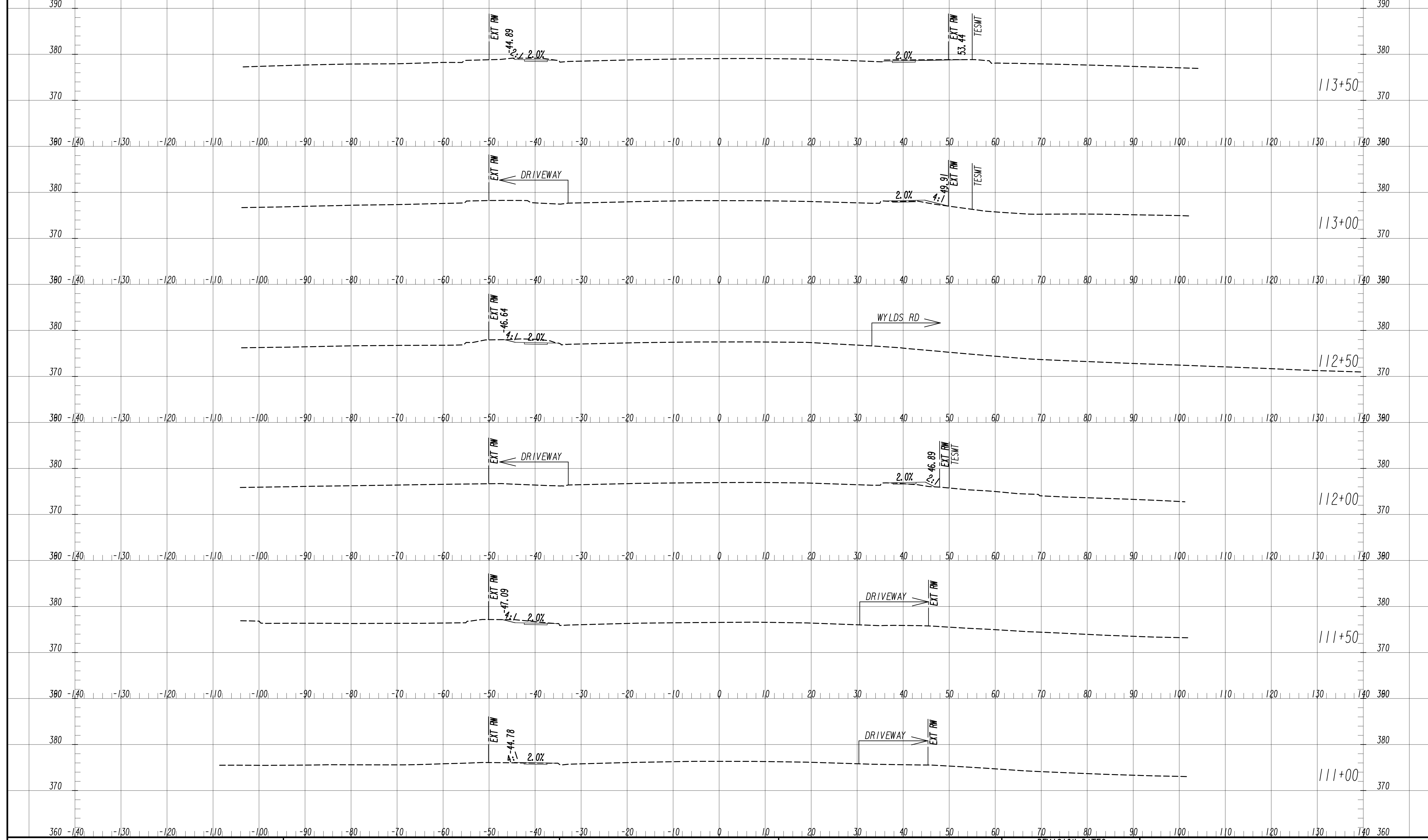
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0002</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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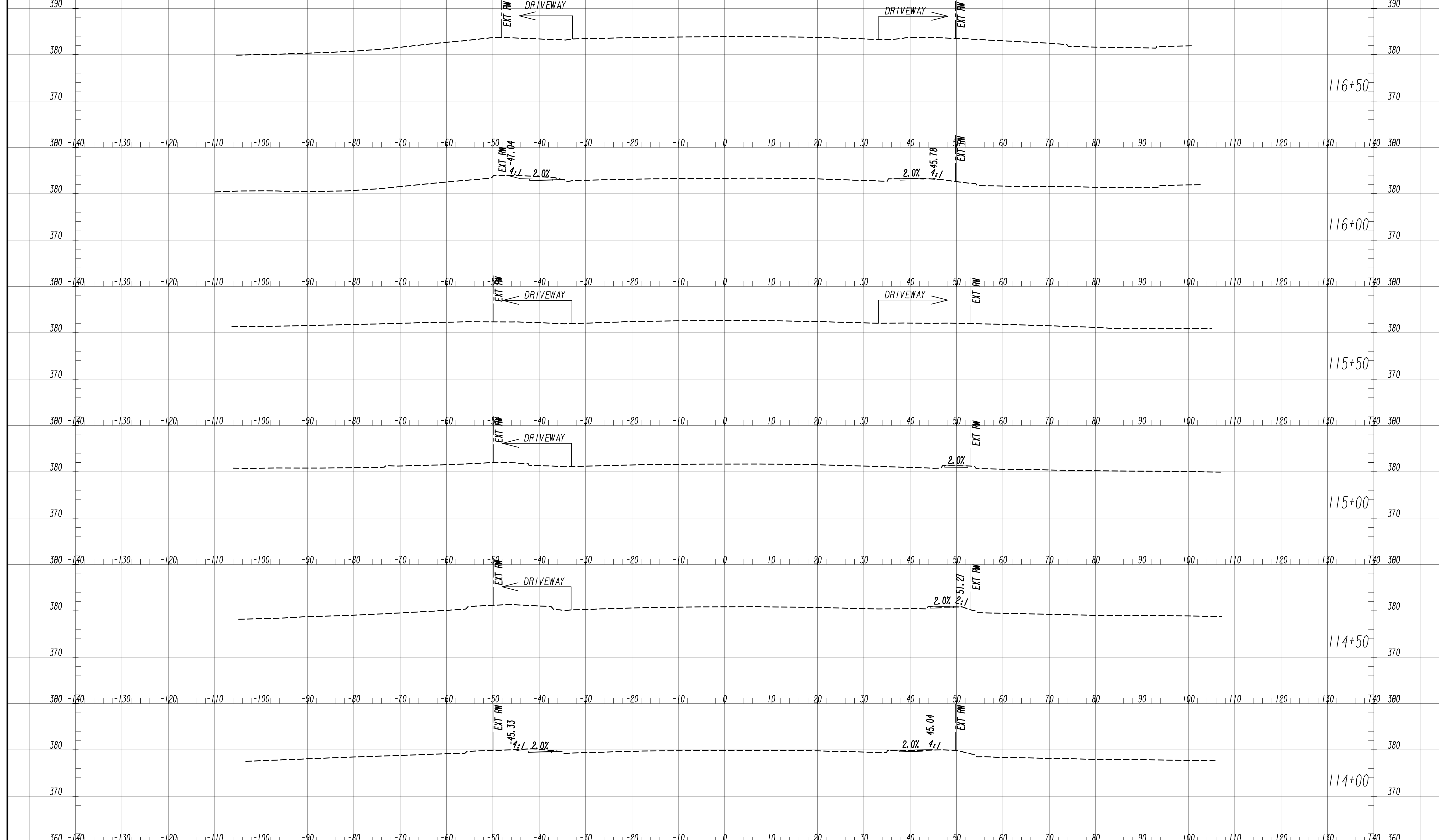
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0003</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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 770.447.8999 - www.chacompanies.com

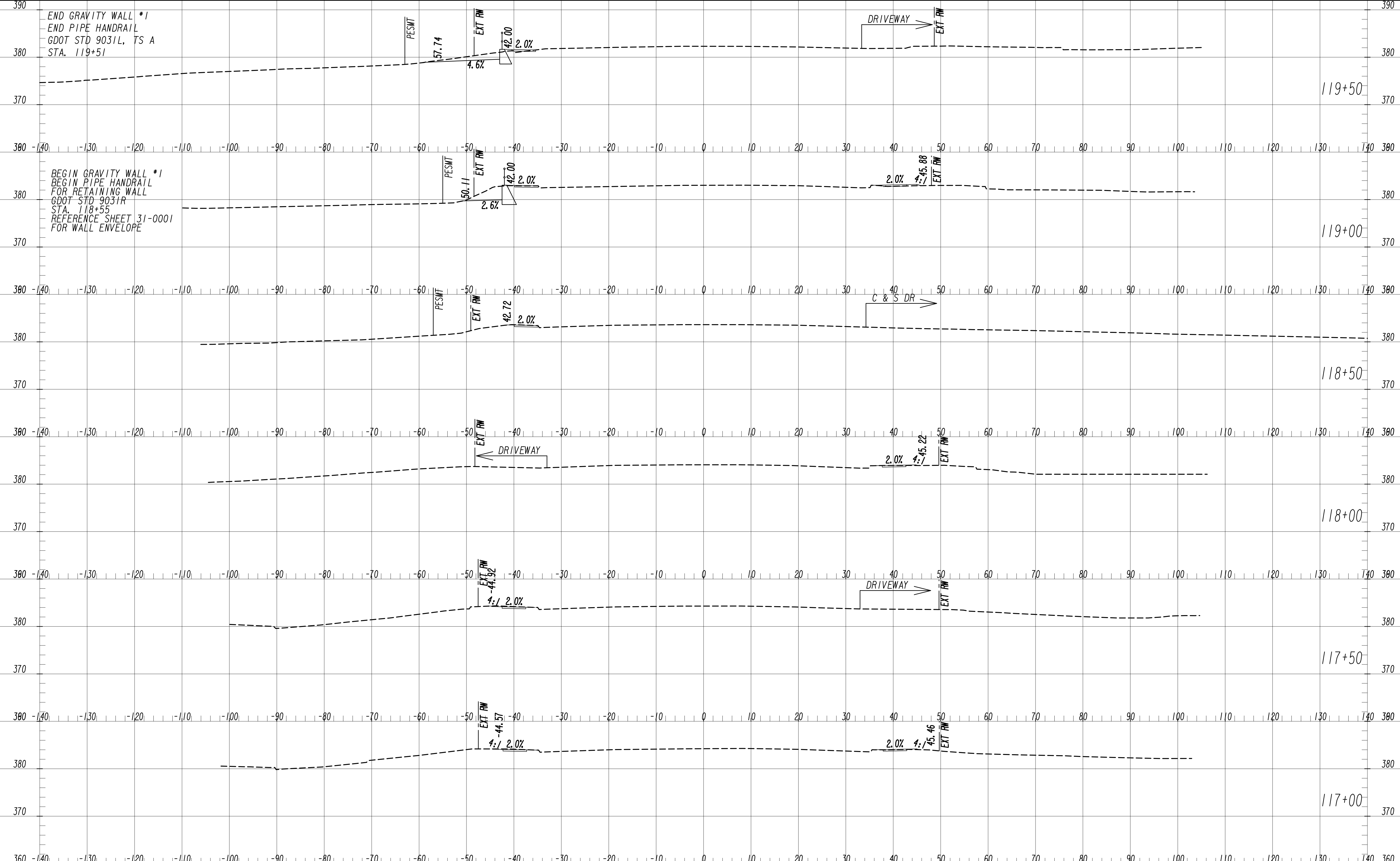
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 1" = 10' HORIZ.

REVISION DATES	

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0004</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



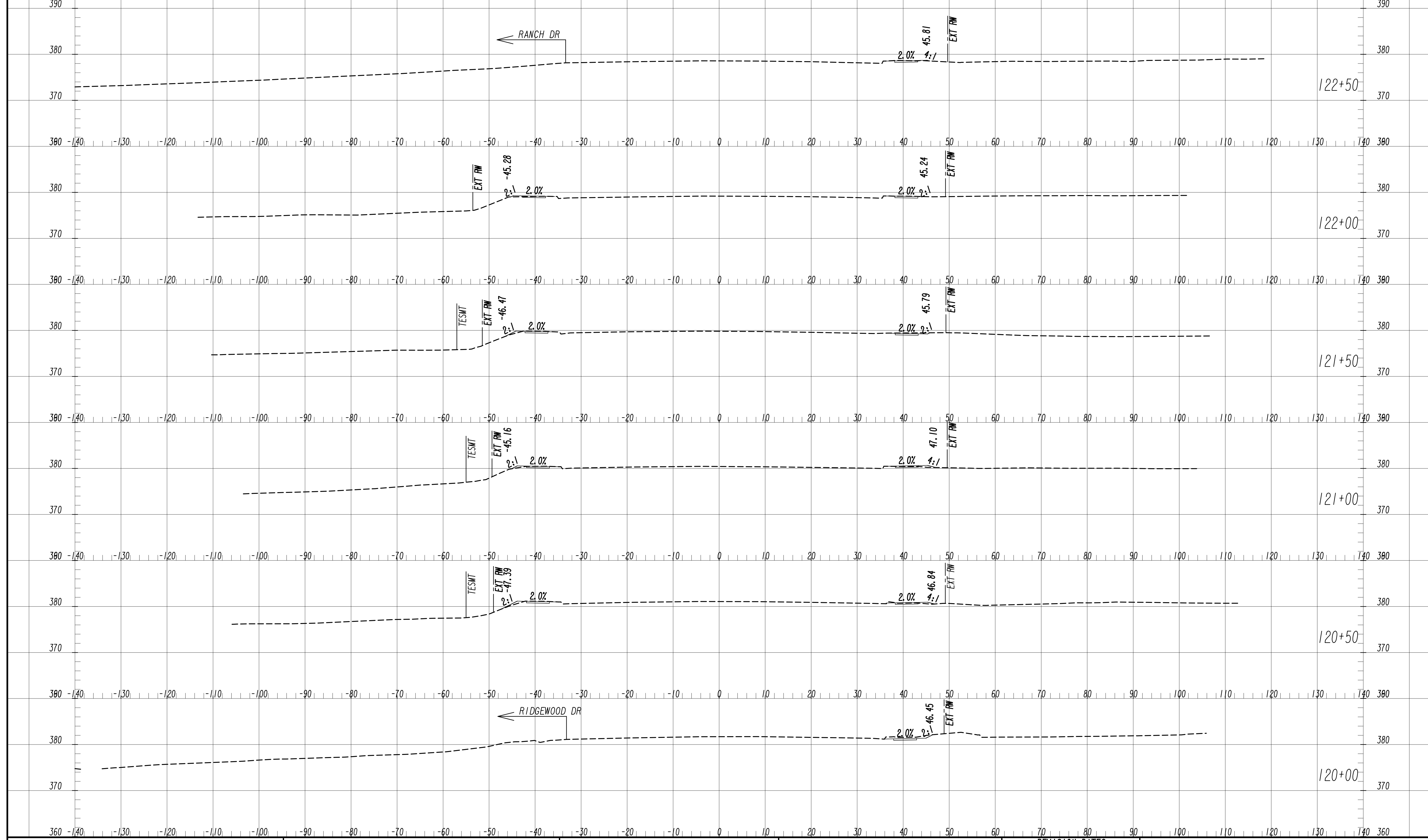
END GRAVITY WALL \*1  
 END PIPE HANDRAIL  
 GDOT STD 9031L, TS A  
 STA. 119+51

BEGIN GRAVITY WALL \*1  
 BEGIN PIPE HANDRAIL  
 FOR RETAINING WALL  
 GDOT STD 9031R  
 STA. 118+55  
 REFERENCE SHEET 31-0001  
 FOR WALL ENVELOPE



SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES		EARTHWORK CROSS SECTIONS WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE	
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
VERIFIED:	DATE:	DRAWING No. 23-0005	



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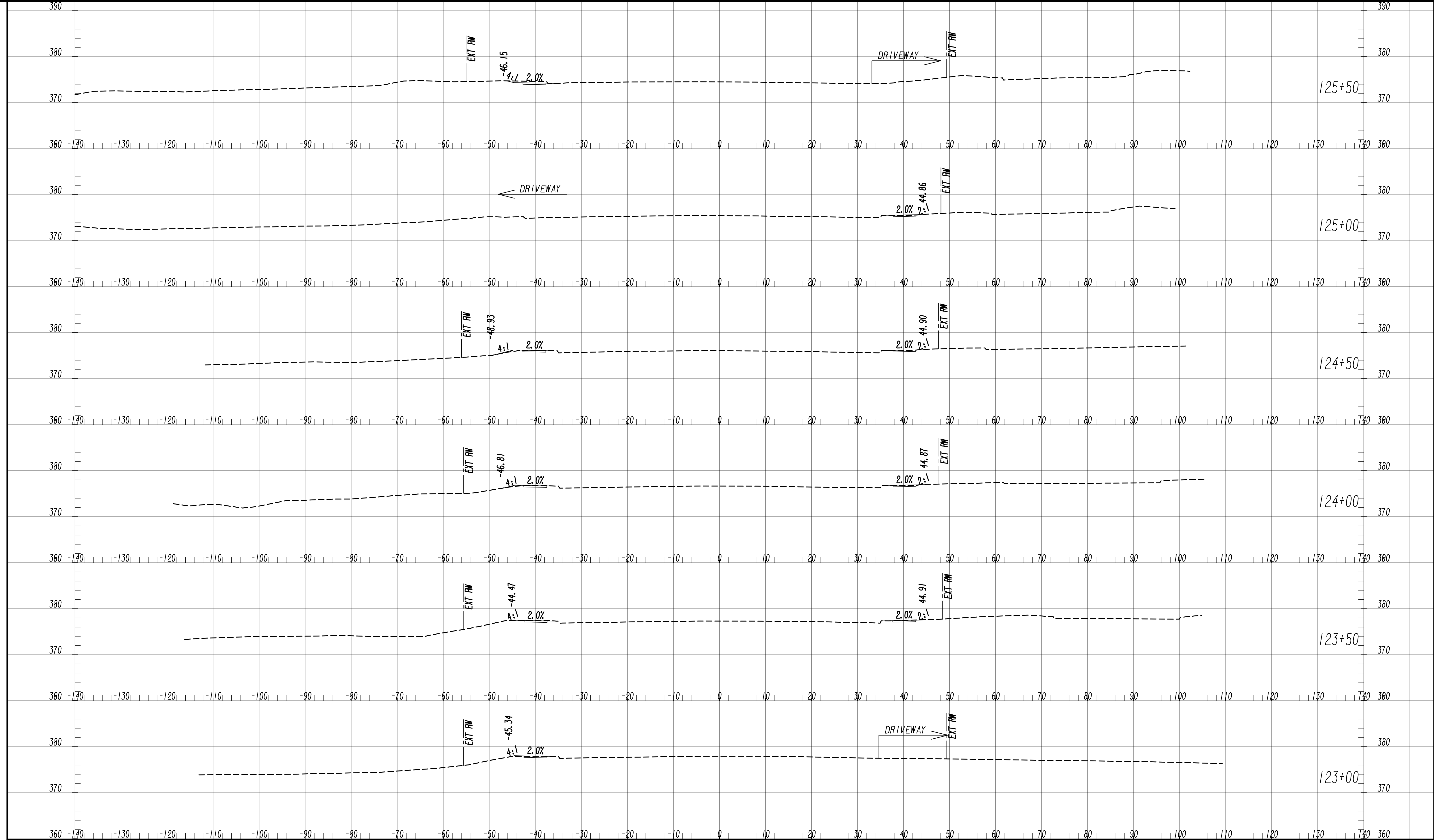
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0006</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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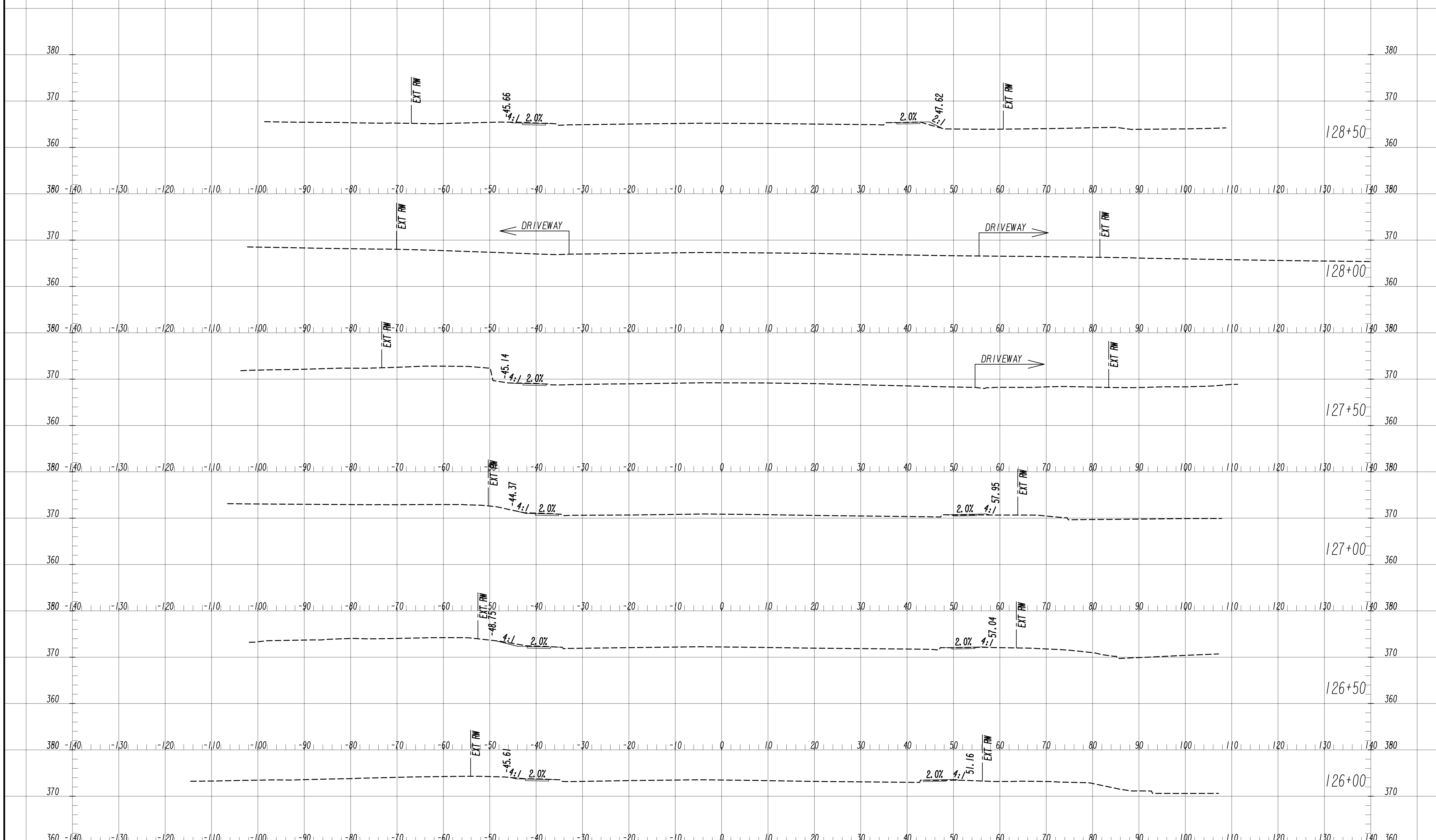


SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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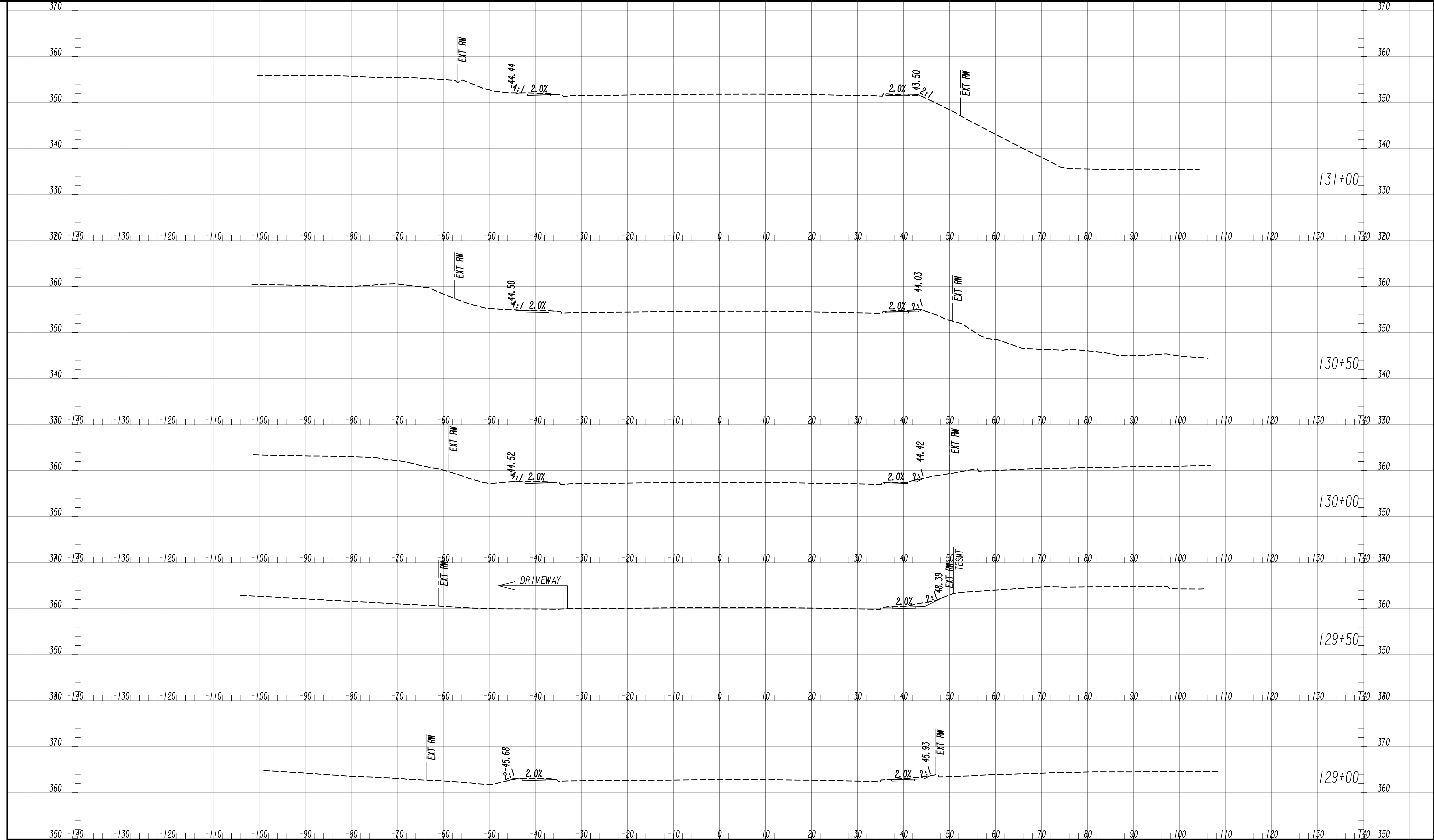
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0008</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

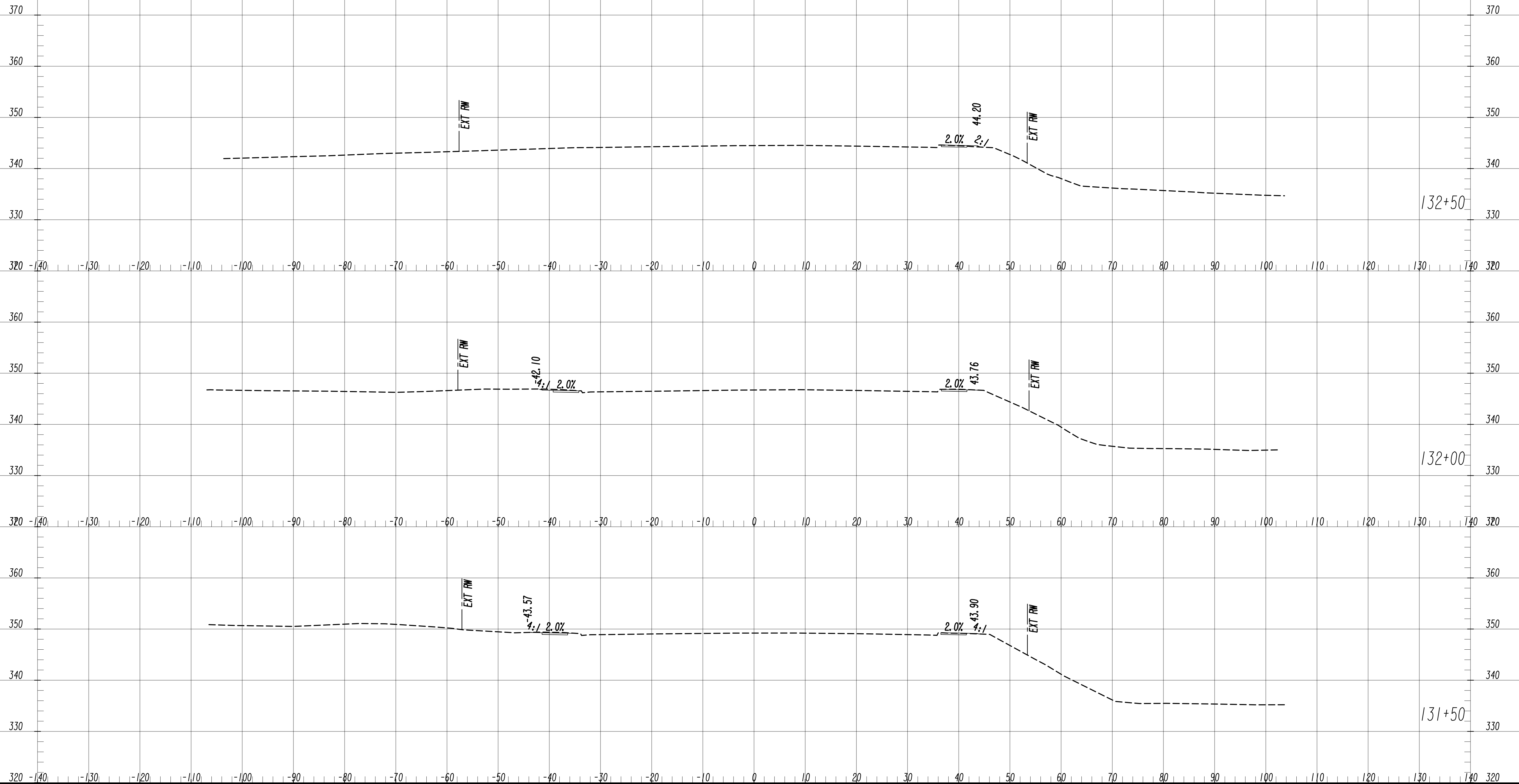
REVISION DATES

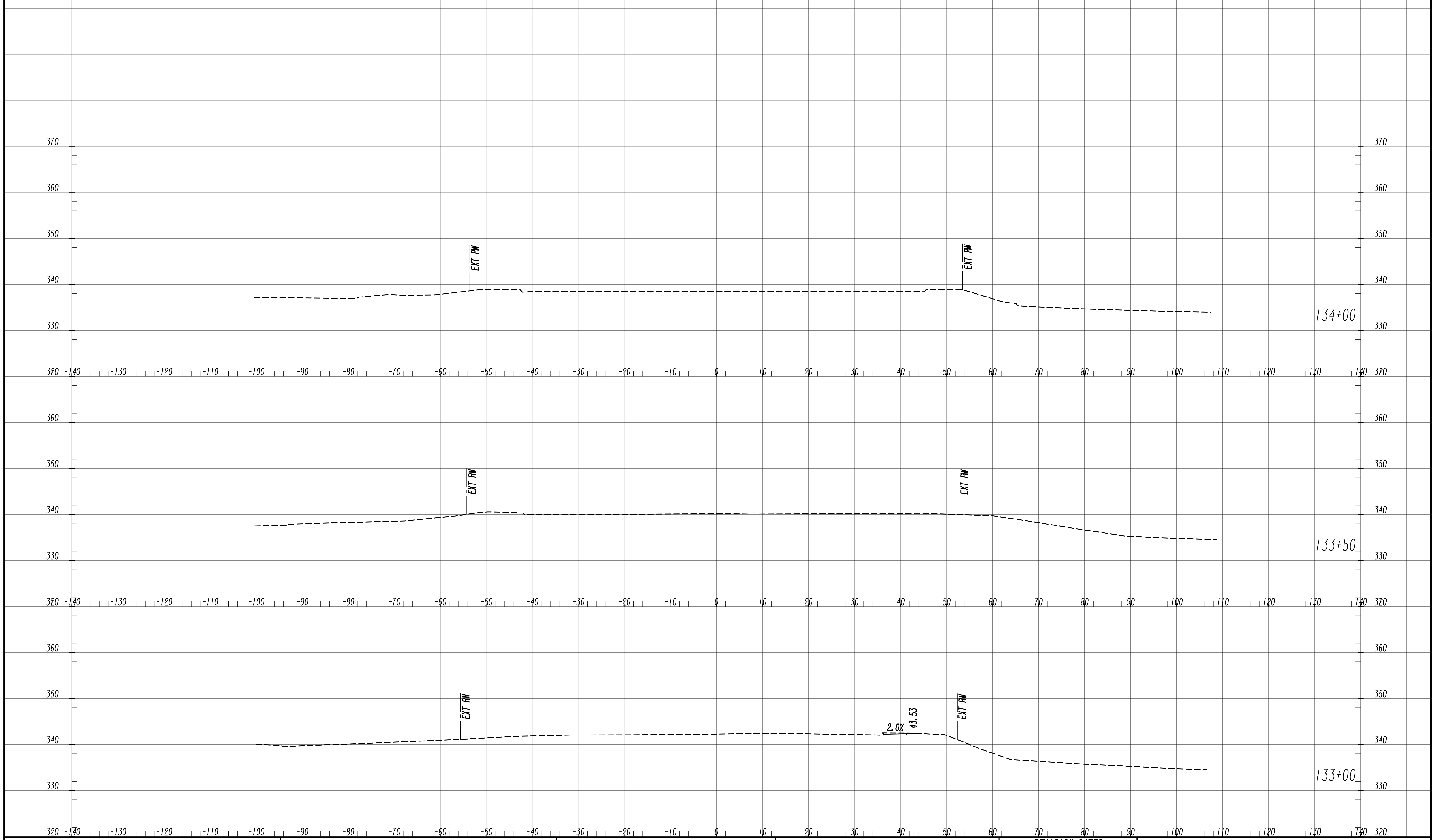
NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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CORRECTED:	DATE:	
VERIFIED:	DATE:	







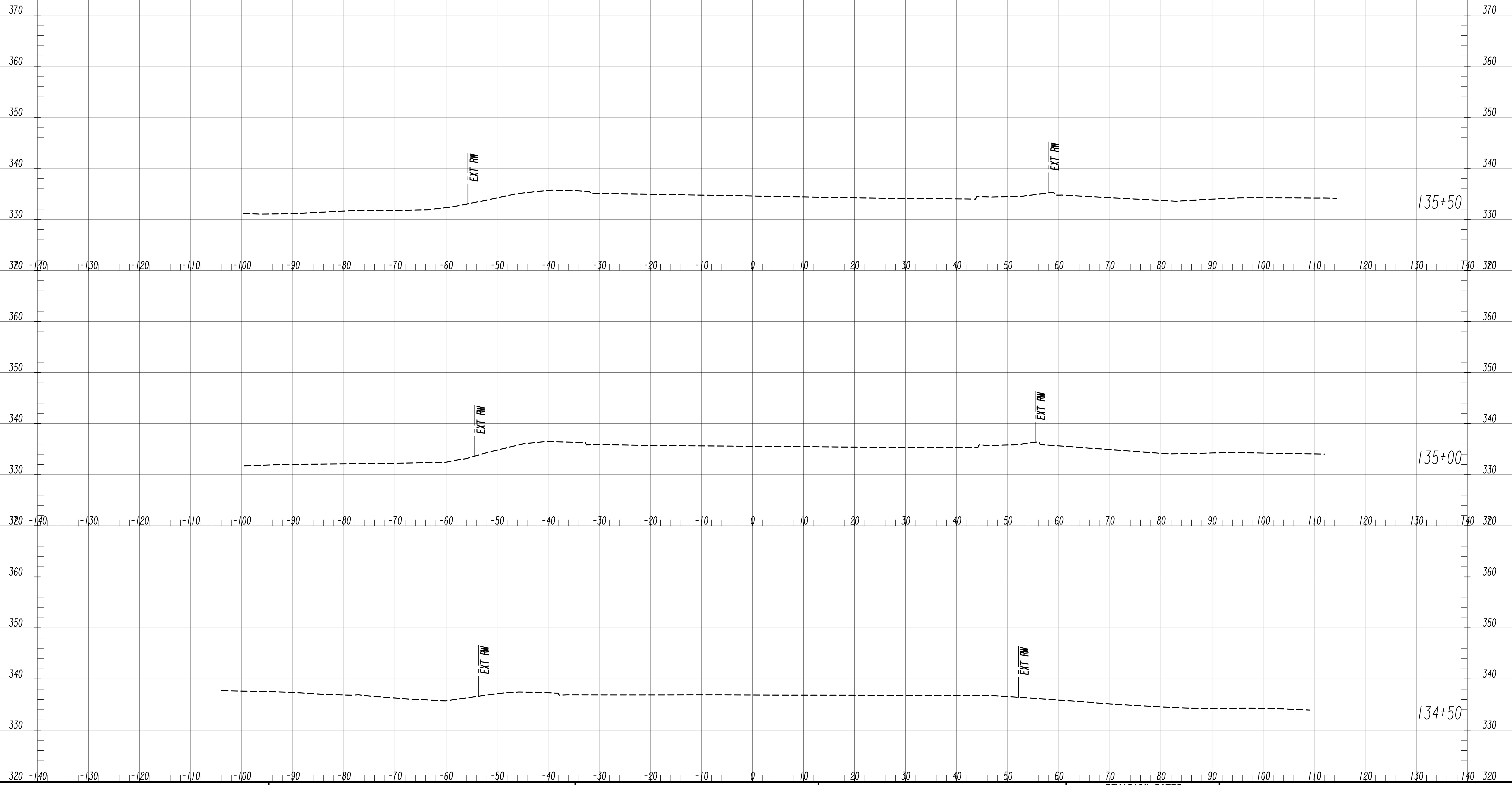
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1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0011</b>
BACKCHECKED:	DATE:	
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VERIFIED:	DATE:	



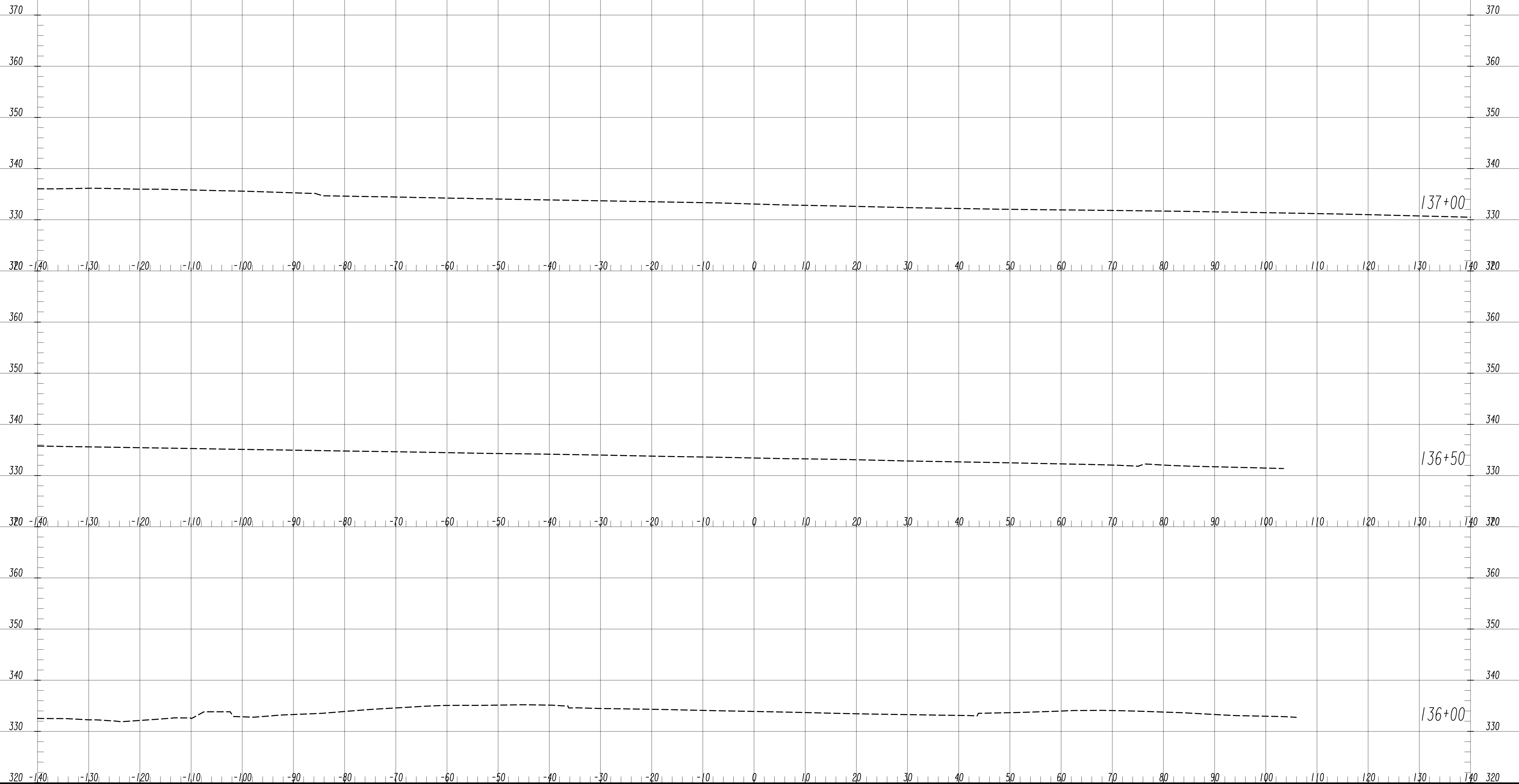
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1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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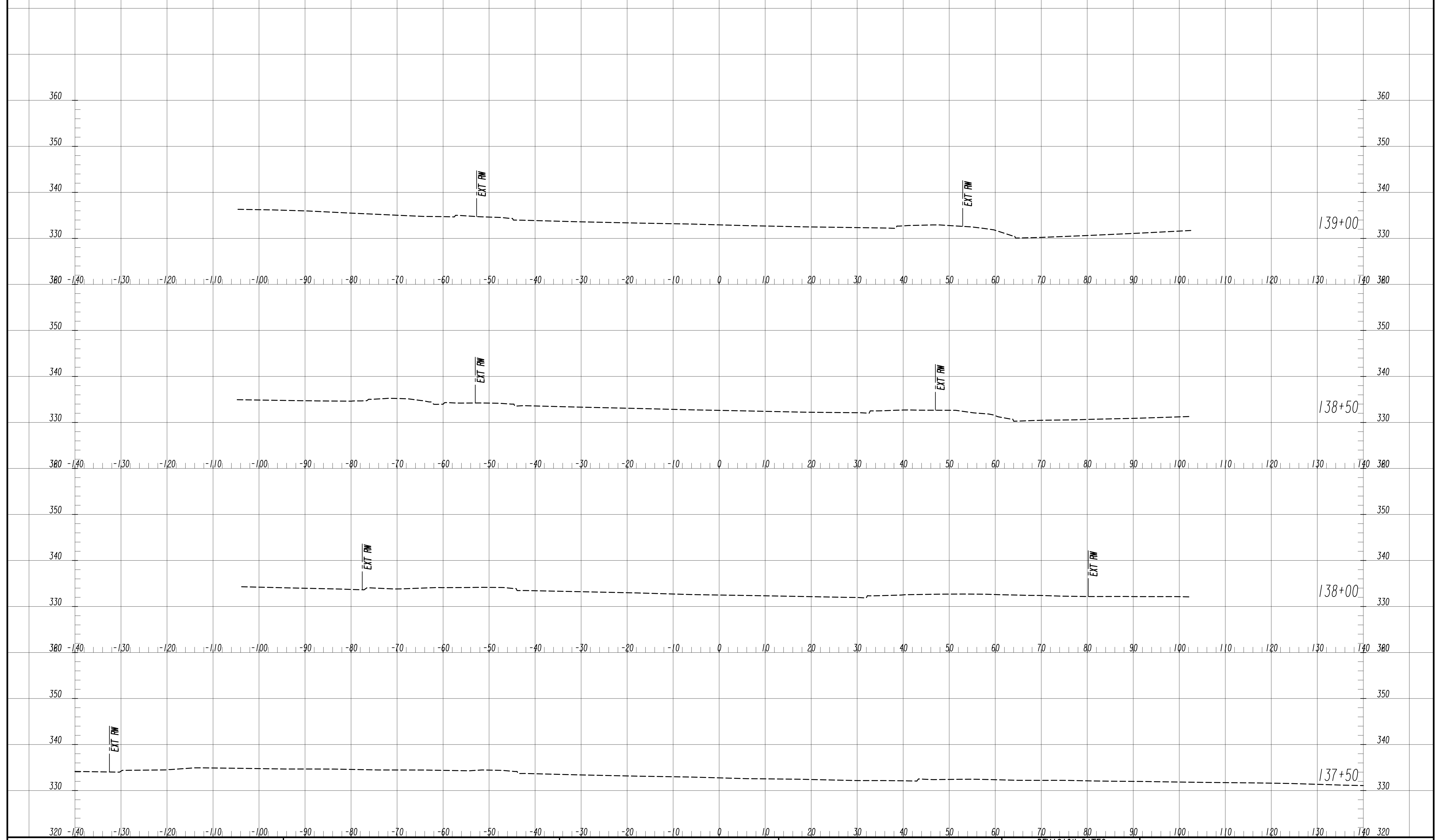


REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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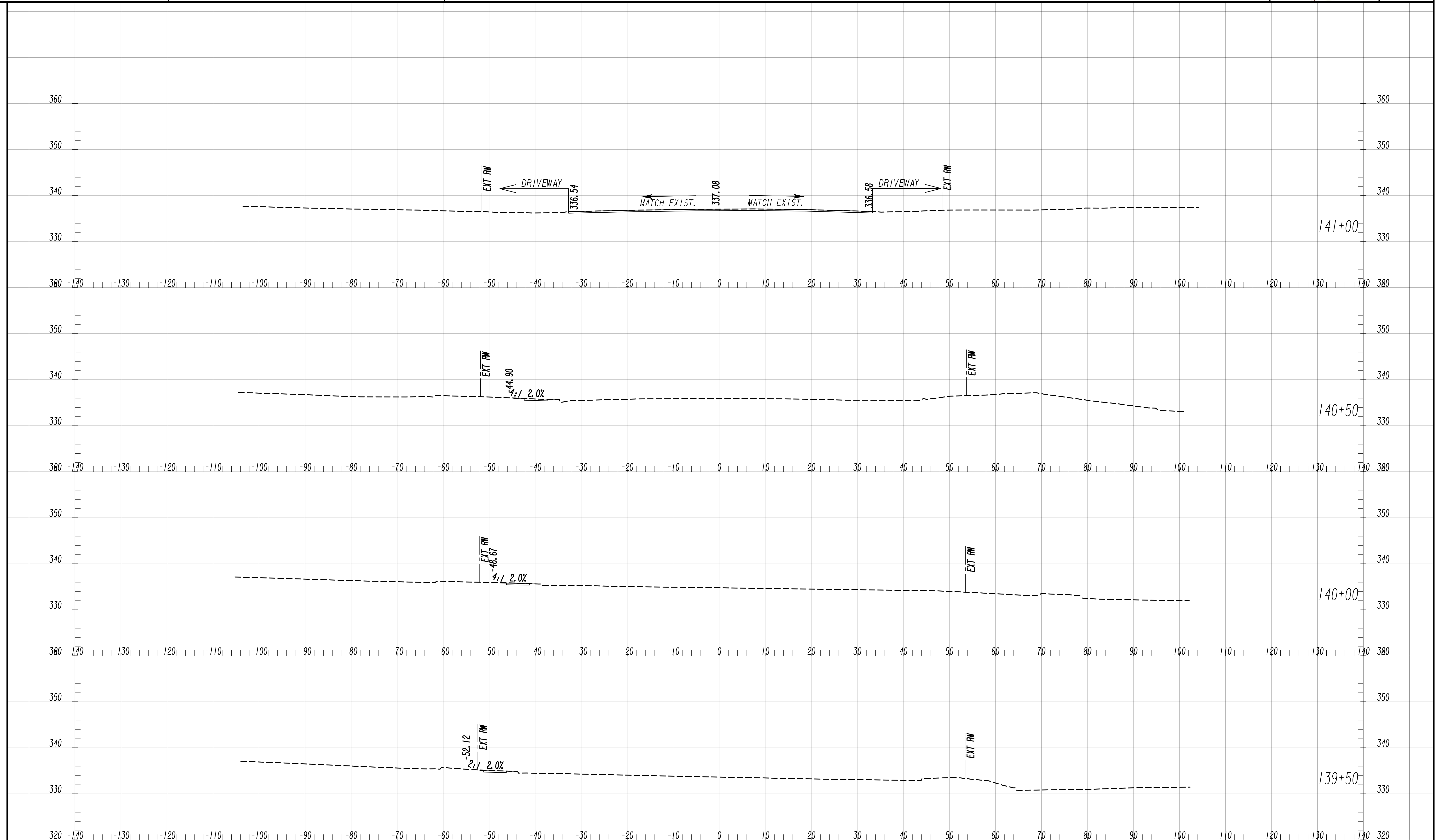
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1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

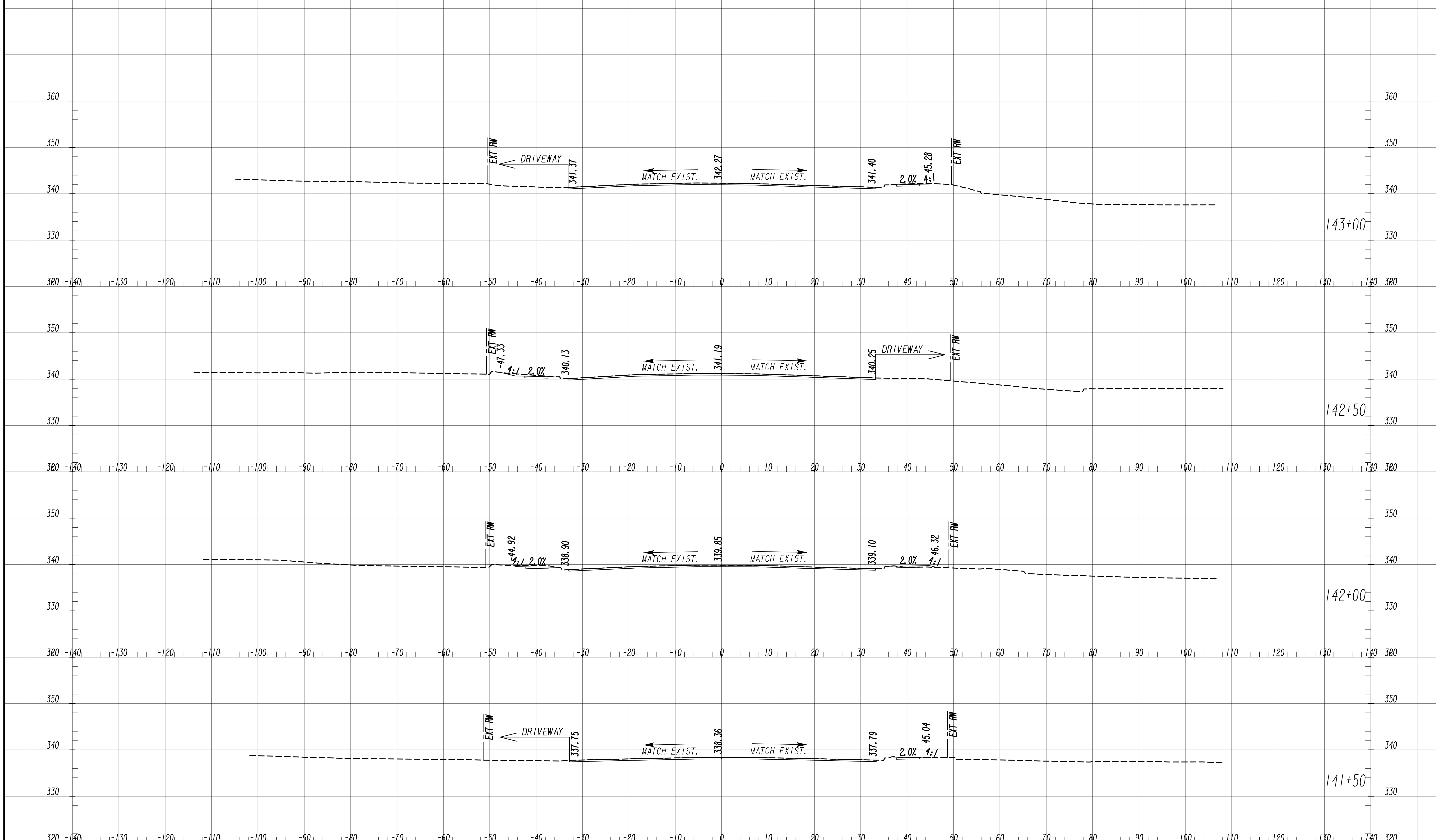
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WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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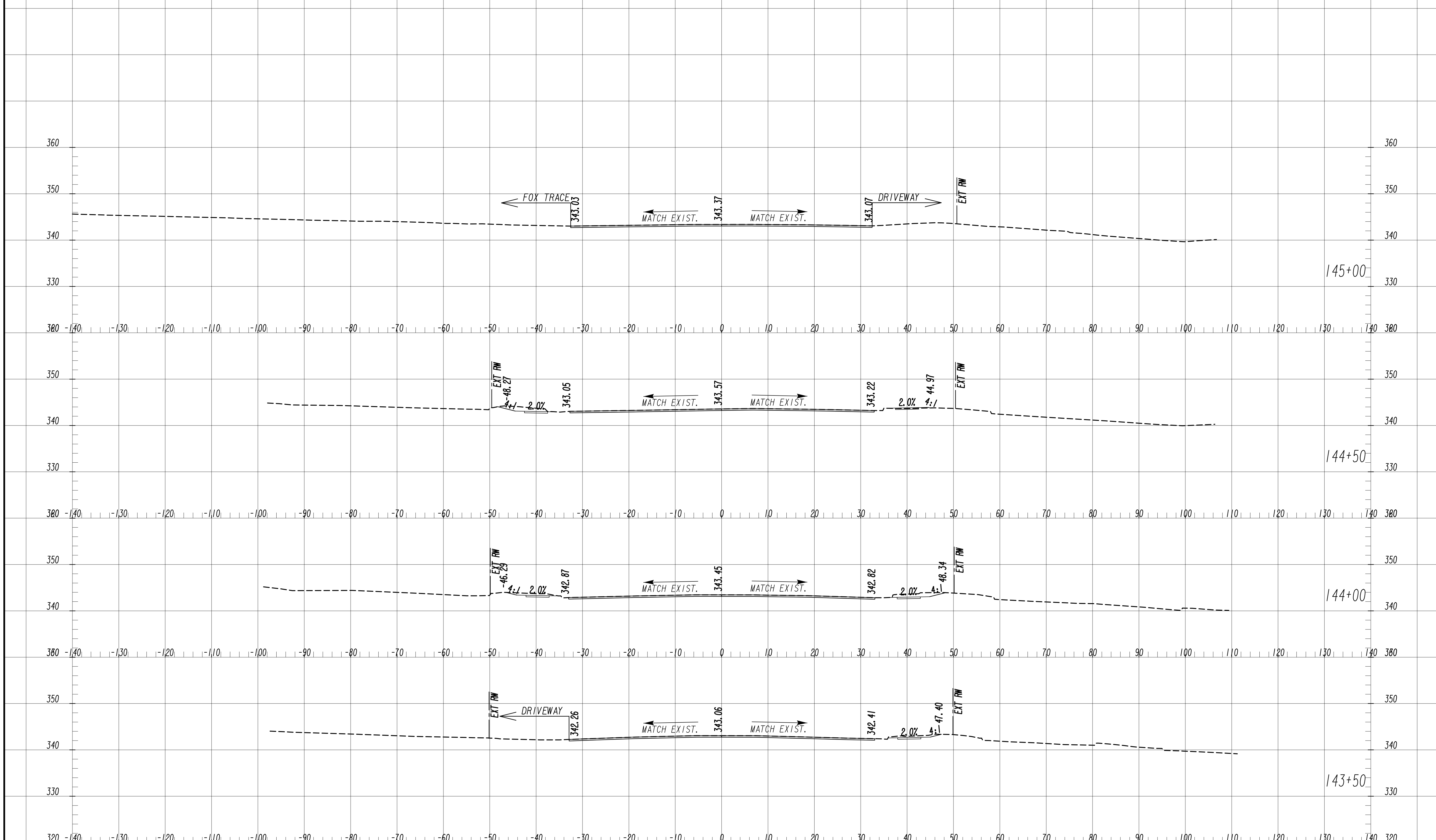


NO.	DATE	DESCRIPTION

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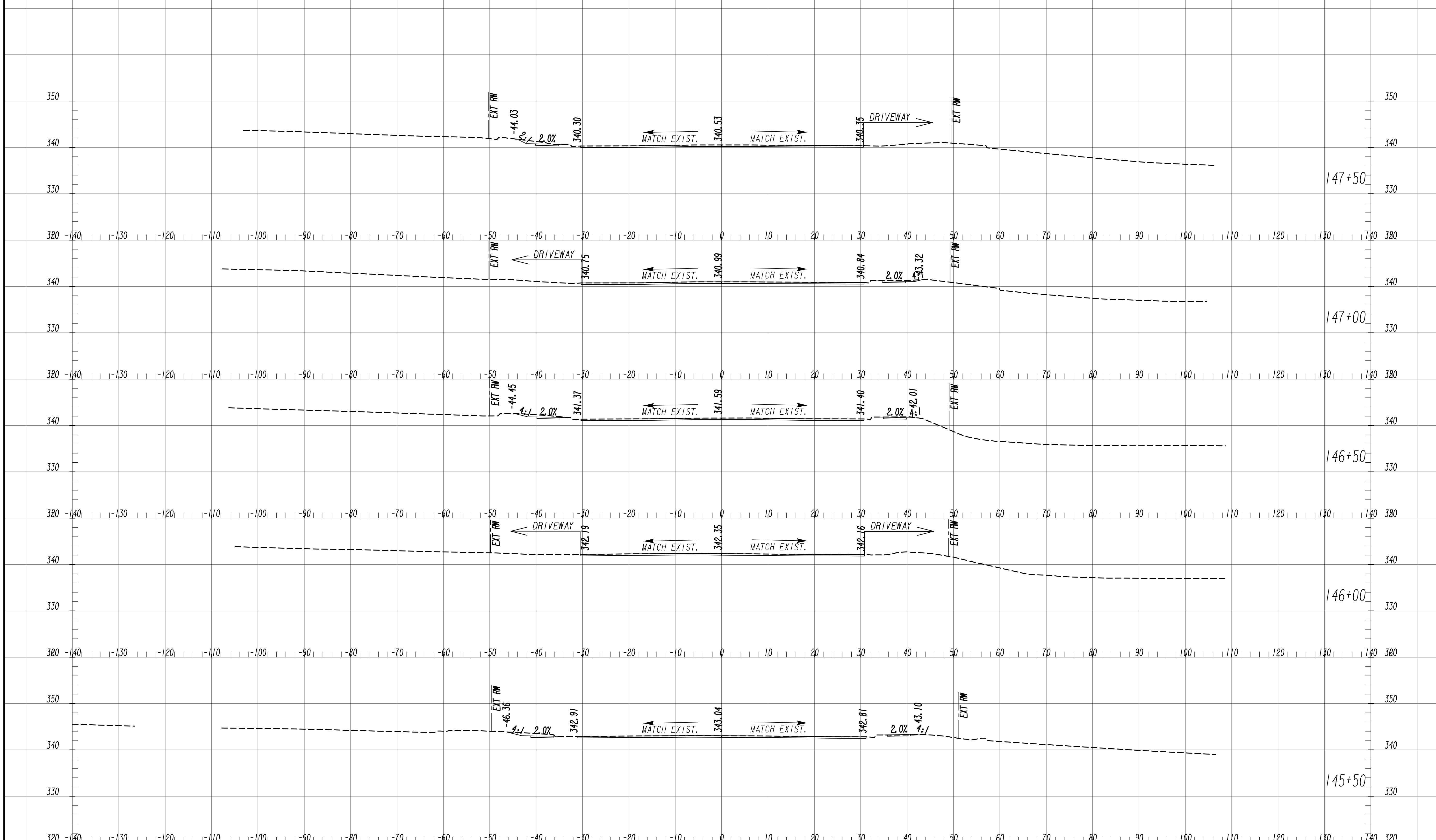


<p>7/31/2015 GPLM</p>	<p>Drawing Copyright © 2020</p> <p>6745 Sugarloaf Parkway, Suite 100 Duluth, GA 30097 770.447.8999 - www.chacompanies.com</p>	<p>SCALE: 1" = 10' VERT. 1" = 10' HORIZ.</p>	<p>REVISION DATES</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>											<p><b>EARTHWORK CROSS SECTIONS</b> WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>CHECKED:</td> <td>DATE:</td> </tr> <tr> <td>BACKCHECKED:</td> <td>DATE:</td> </tr> <tr> <td>CORRECTED:</td> <td>DATE:</td> </tr> <tr> <td>VERIFIED:</td> <td>DATE:</td> </tr> </table> <p style="text-align: right;">DRAWING No. <b>23-0016</b></p>	CHECKED:	DATE:	BACKCHECKED:	DATE:	CORRECTED:	DATE:	VERIFIED:	DATE:
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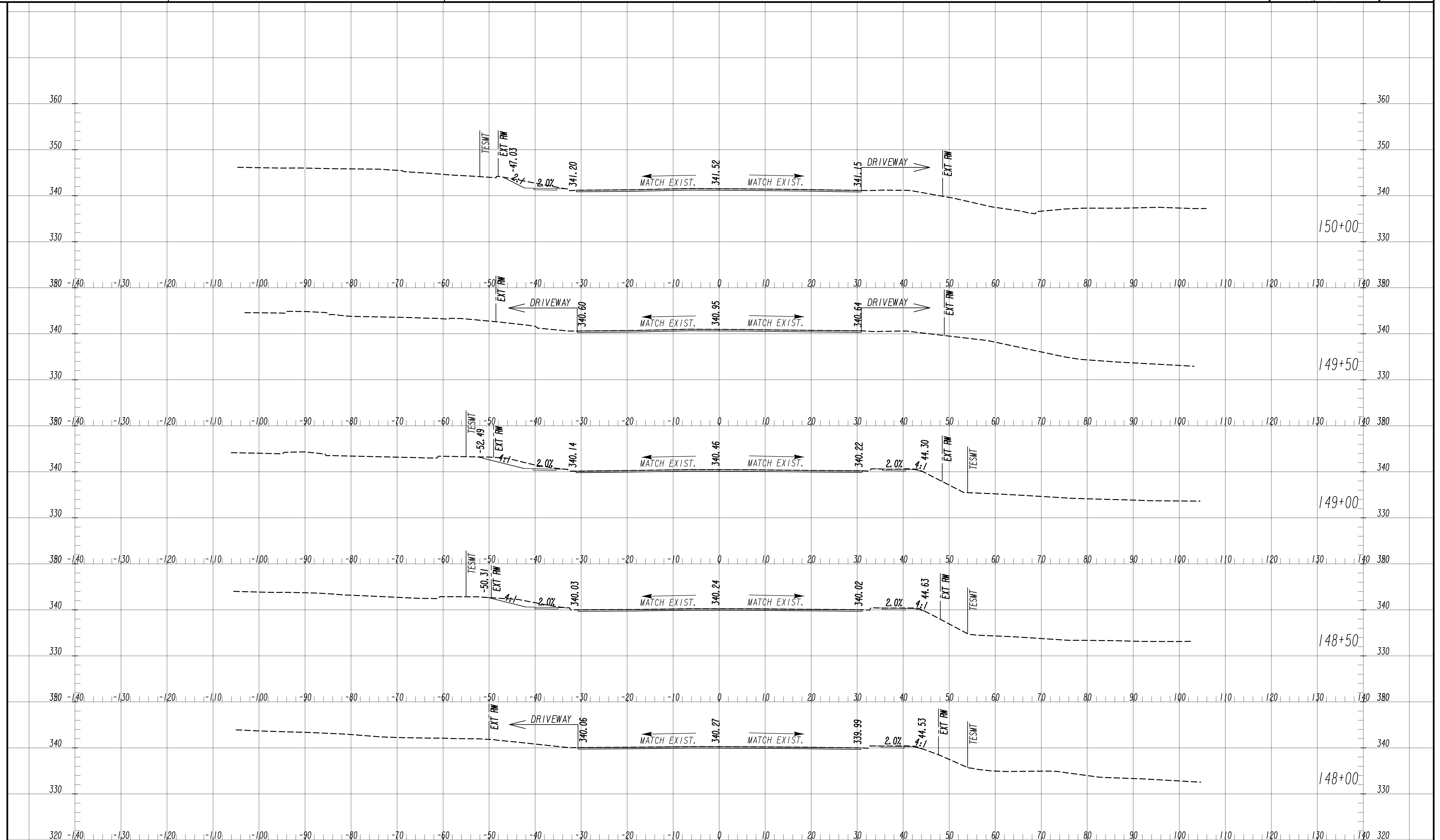


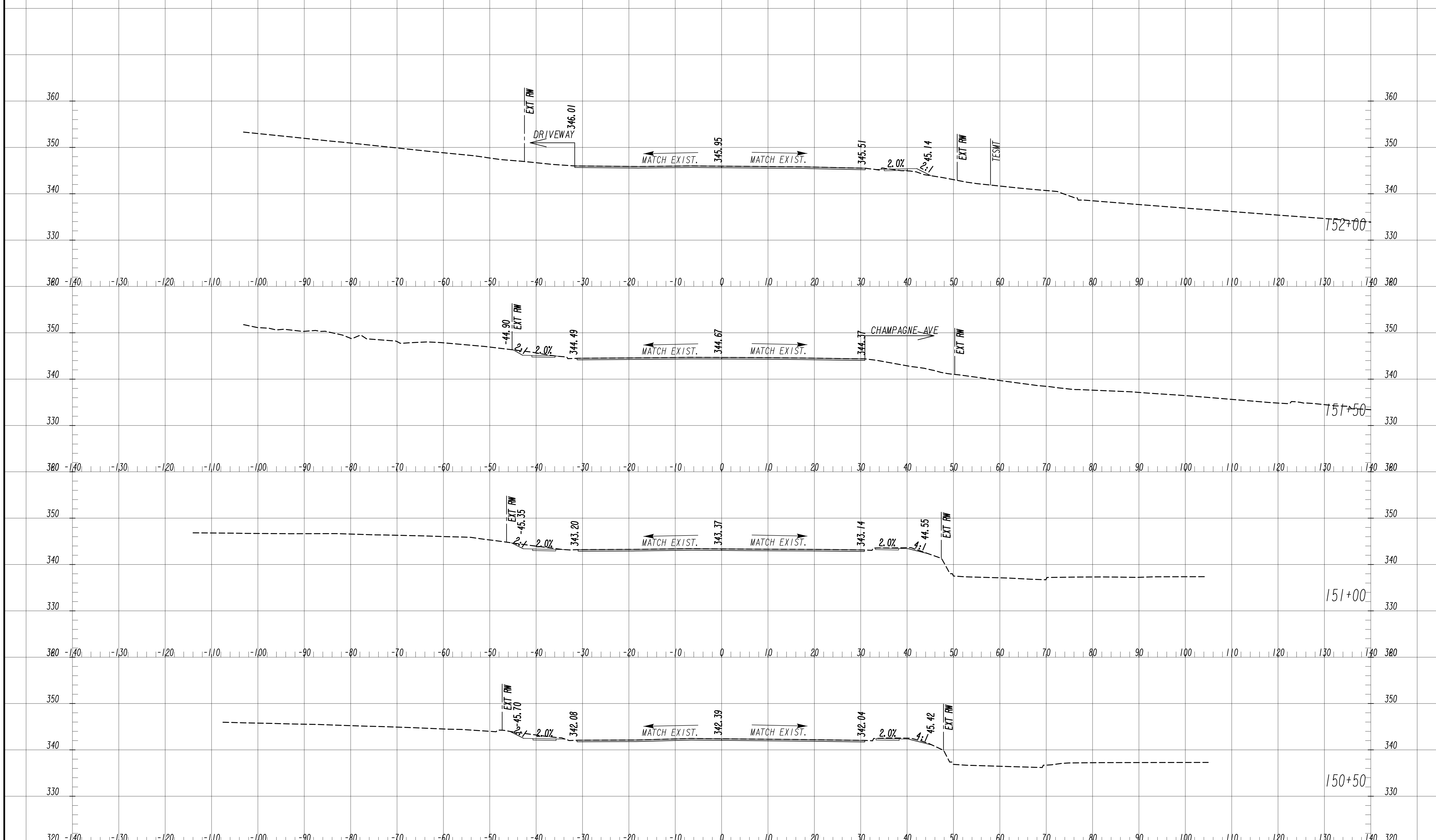
<p style="font-size: small;">Drawing Copyright © 2020</p> <p style="font-size: x-small;">6745 Sugarloaf Parkway, Suite 100 Duluth, GA 30097 770.447.8999 - www.chacompanies.com</p>	<p>SCALE: 1" = 10' VERT. 1" = 10' HORIZ.</p>	<p style="font-size: x-small;">REVISION DATES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;"> </td><td style="width: 50%;"> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>									<p><b>EARTHWORK CROSS SECTIONS</b> WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <tr> <td>CHECKED: _____</td> <td>DATE: _____</td> </tr> <tr> <td>BACKCHECKED: _____</td> <td>DATE: _____</td> </tr> <tr> <td>CORRECTED: _____</td> <td>DATE: _____</td> </tr> <tr> <td>VERIFIED: _____</td> <td>DATE: _____</td> </tr> </table> <p style="text-align: right; font-weight: bold; font-size: small;">DRAWING No. <b>23-0017</b></p>	CHECKED: _____	DATE: _____	BACKCHECKED: _____	DATE: _____	CORRECTED: _____	DATE: _____	VERIFIED: _____	DATE: _____
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VERIFIED: _____	DATE: _____																		





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VERIFIED:	DATE:																			





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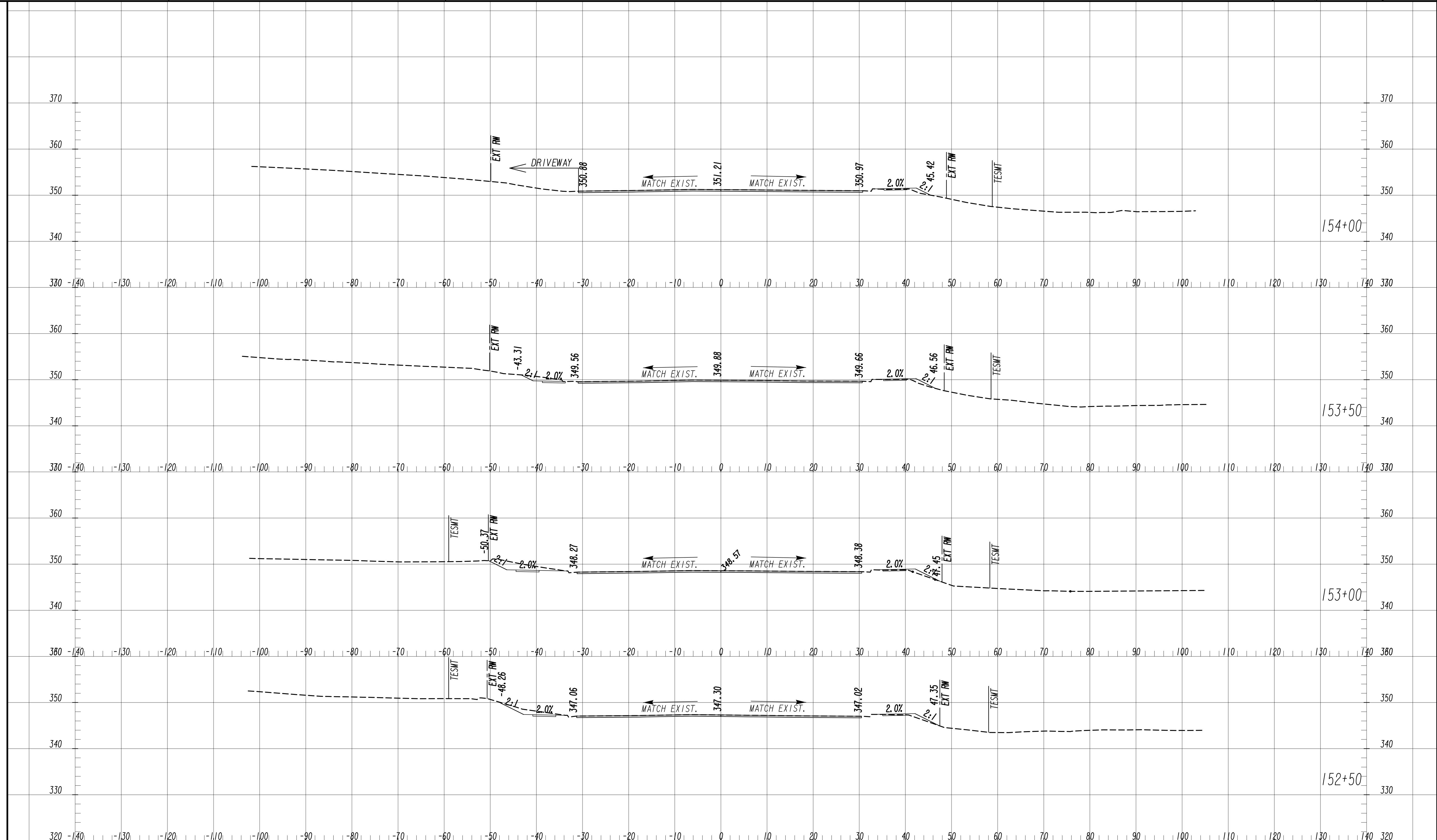
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1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0020</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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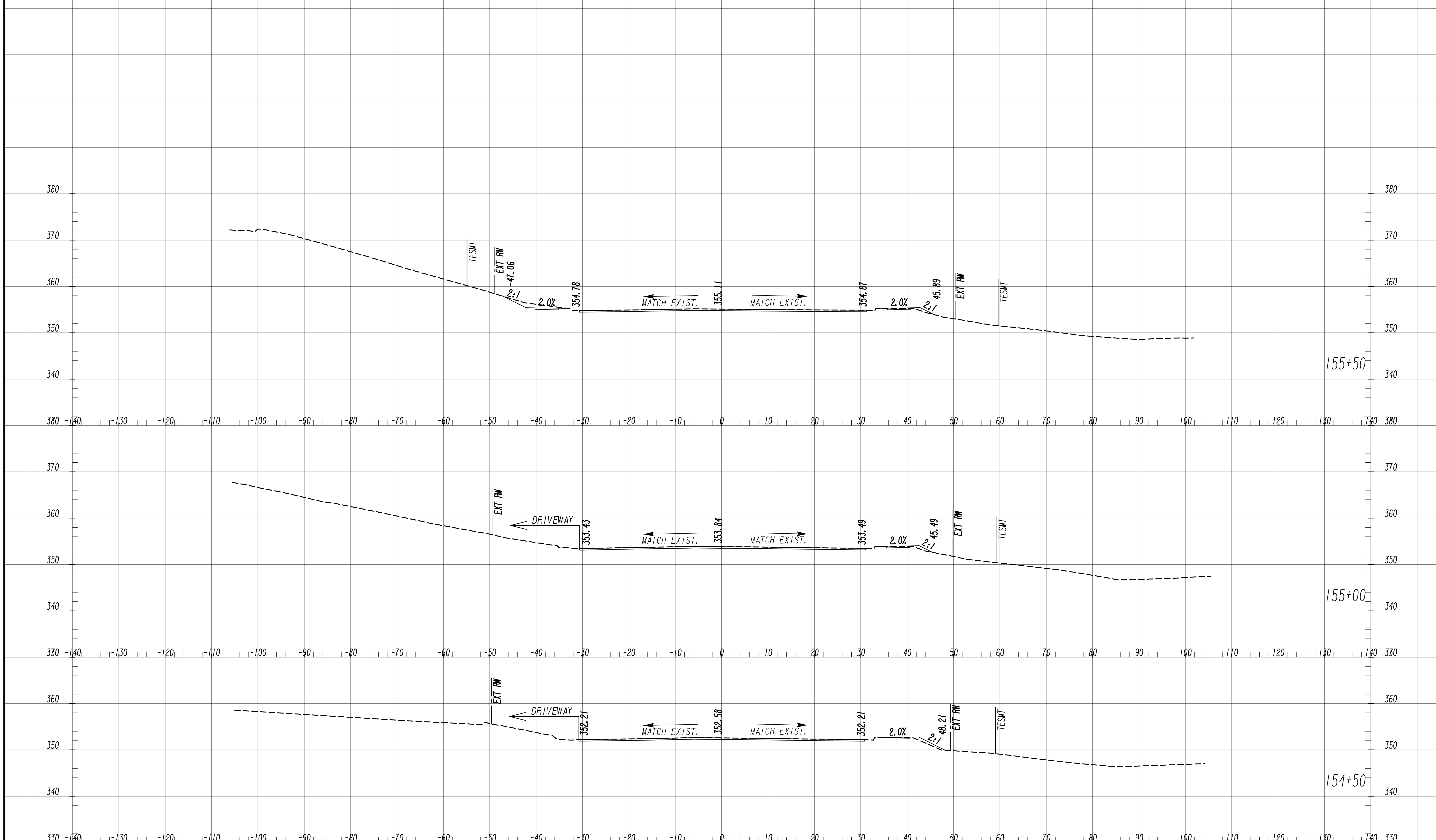
6745 Sugarloaf Parkway, Suite 100  
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 770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0021</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



7/31/2015 GPLM

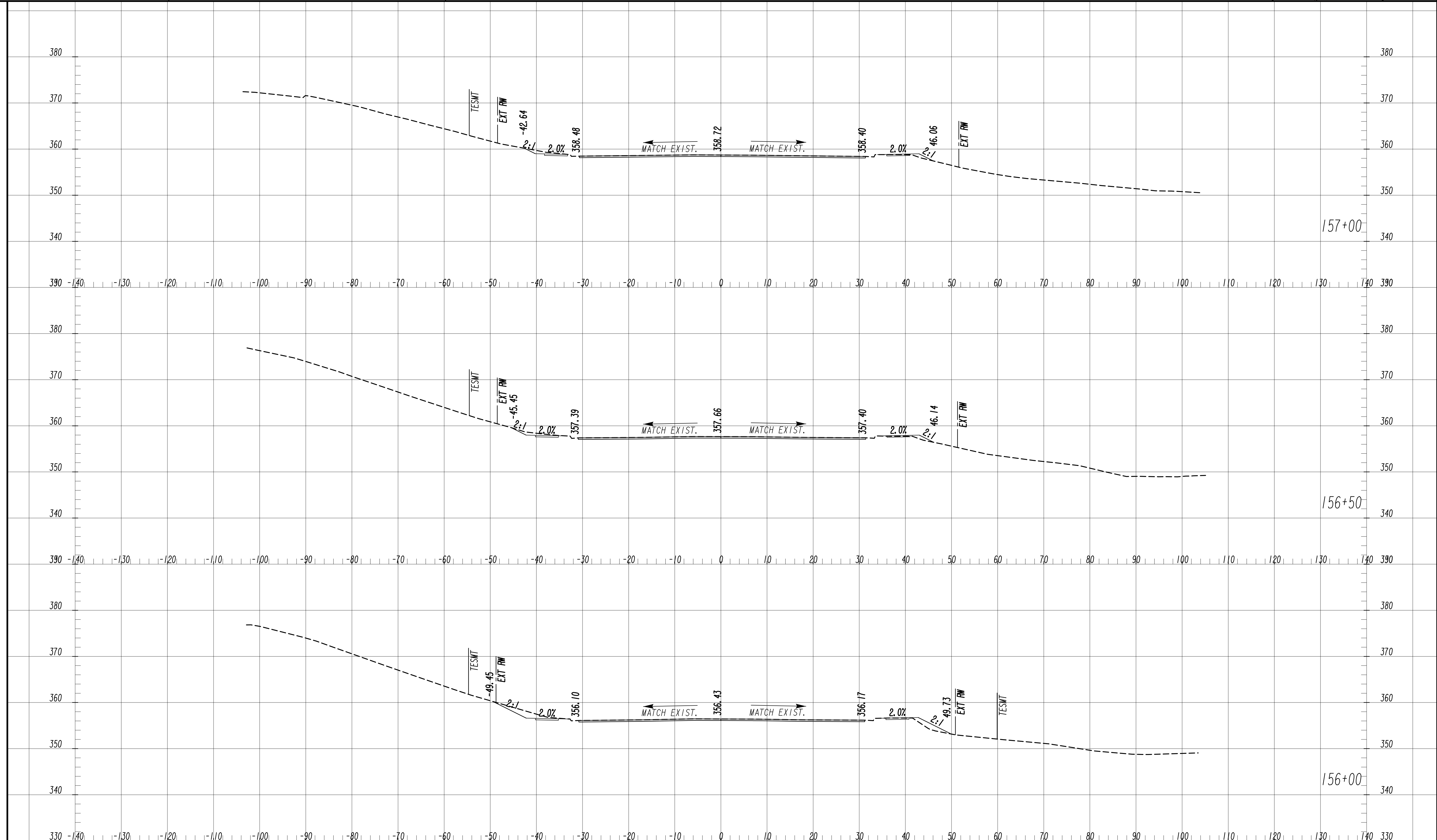
Drawing Copyright © 2020  
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SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0022</b>
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VERIFIED:	DATE:	



7/31/2015 GPLN

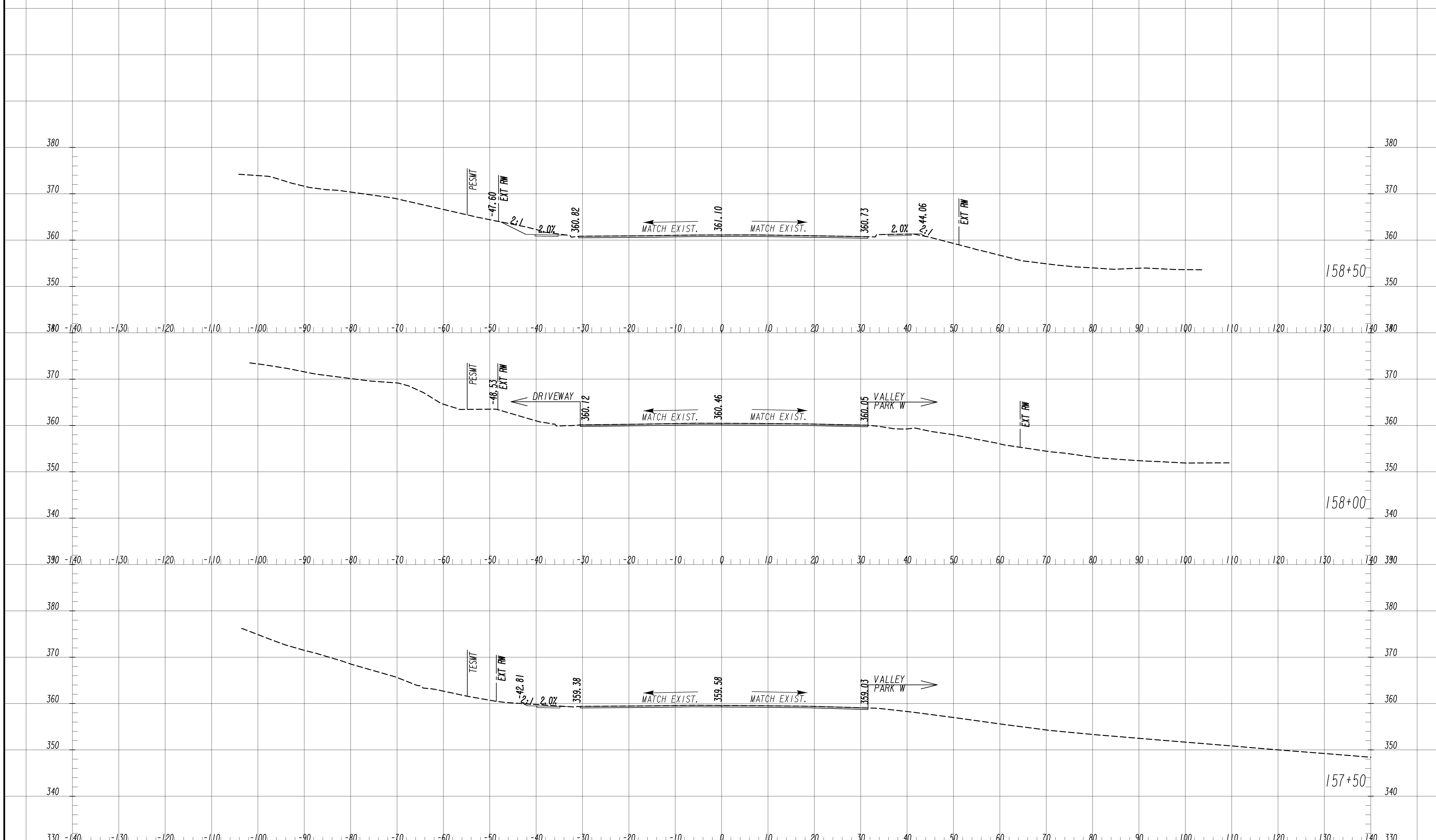
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 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0023</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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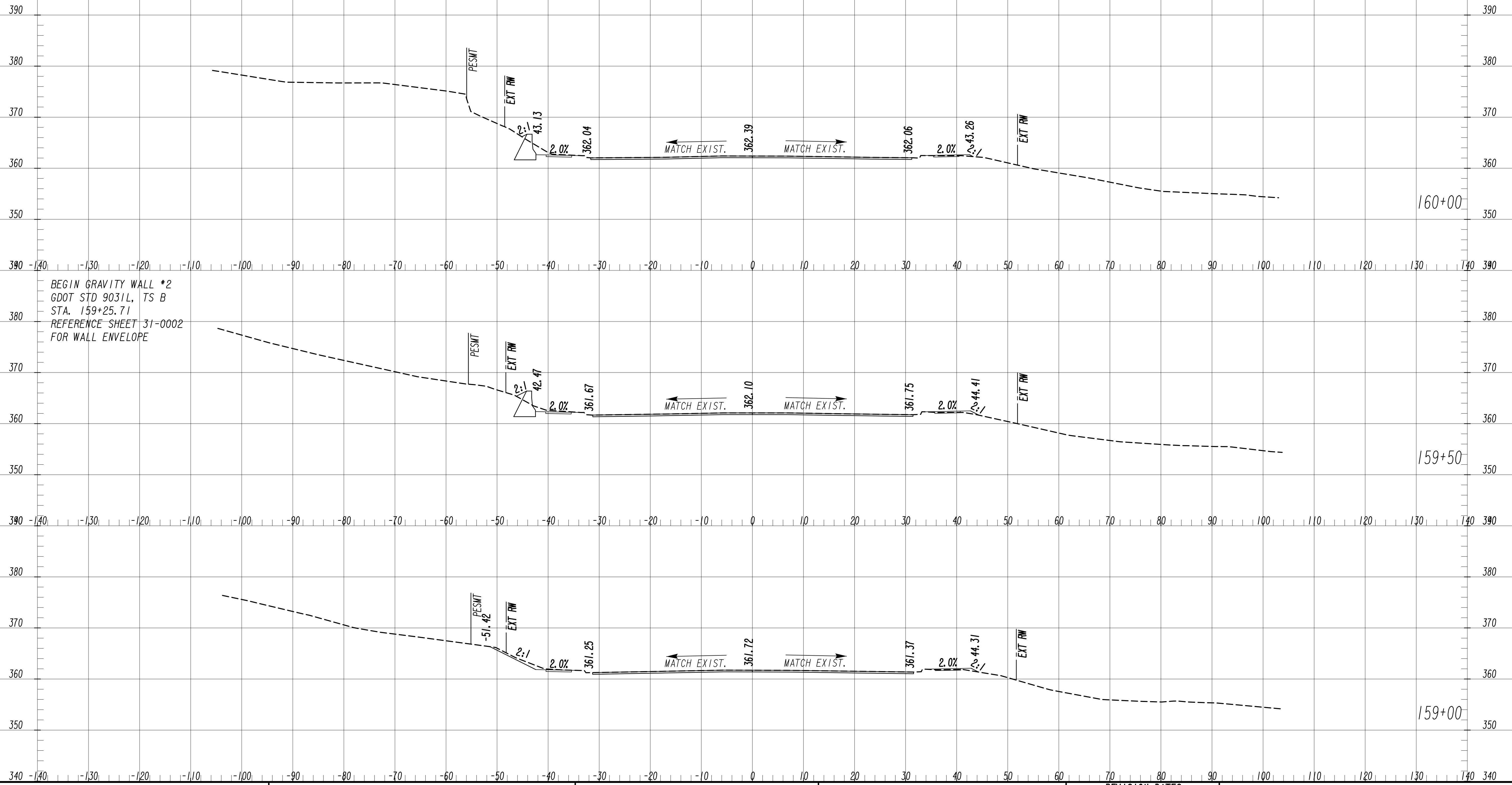
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0024</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



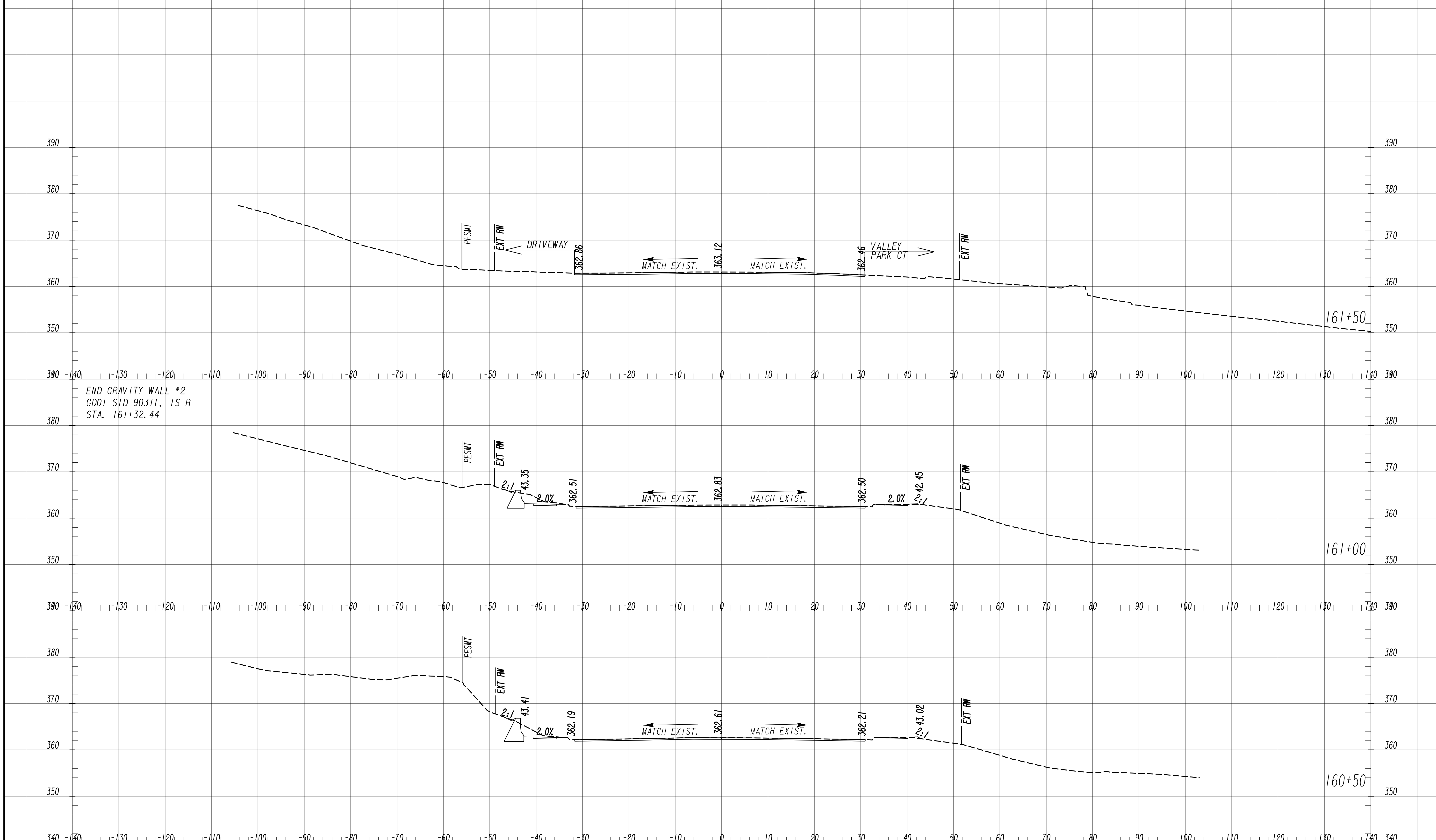
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 GDOT STD 9031L, TS B  
 STA. 159+25.71  
 REFERENCE SHEET 31-0002  
 FOR WALL ENVELOPE



SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES		EARTHWORK CROSS SECTIONS WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE	
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
CORRECTED:	DATE:	VERIFIED:	DATE:
		DRAWING No. 23-0025	





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 STA. 161+32.44

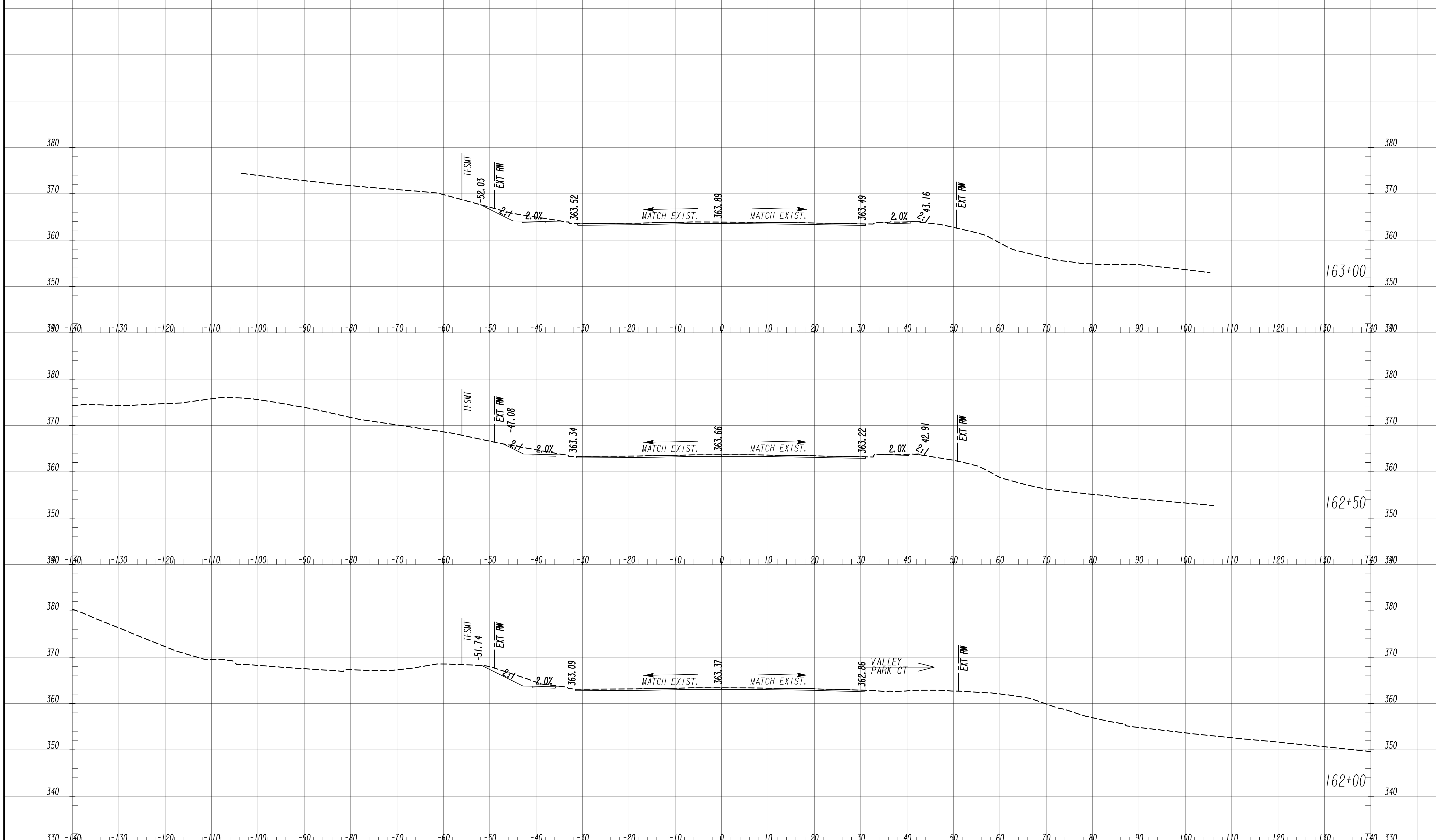


SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0026</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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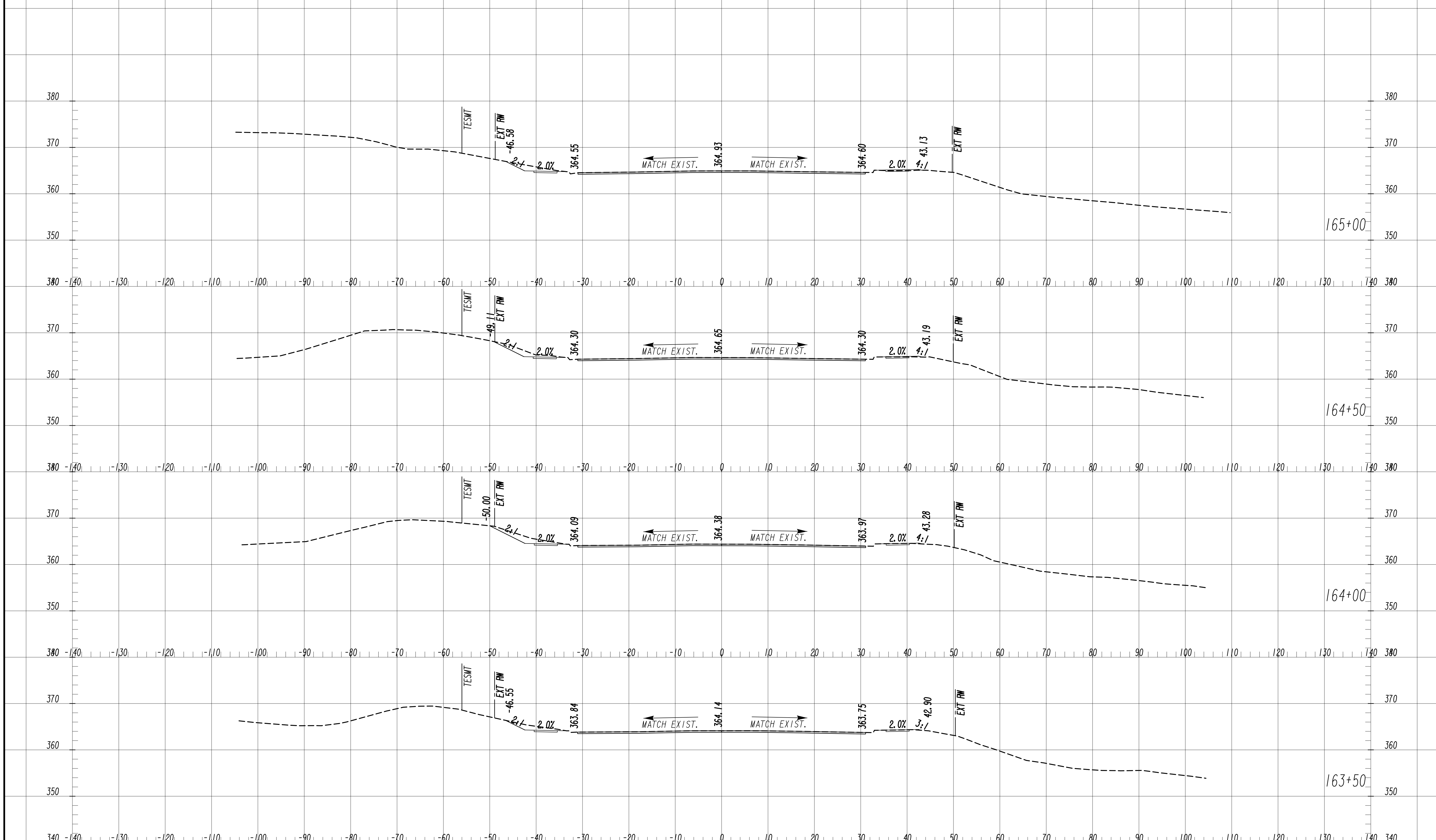
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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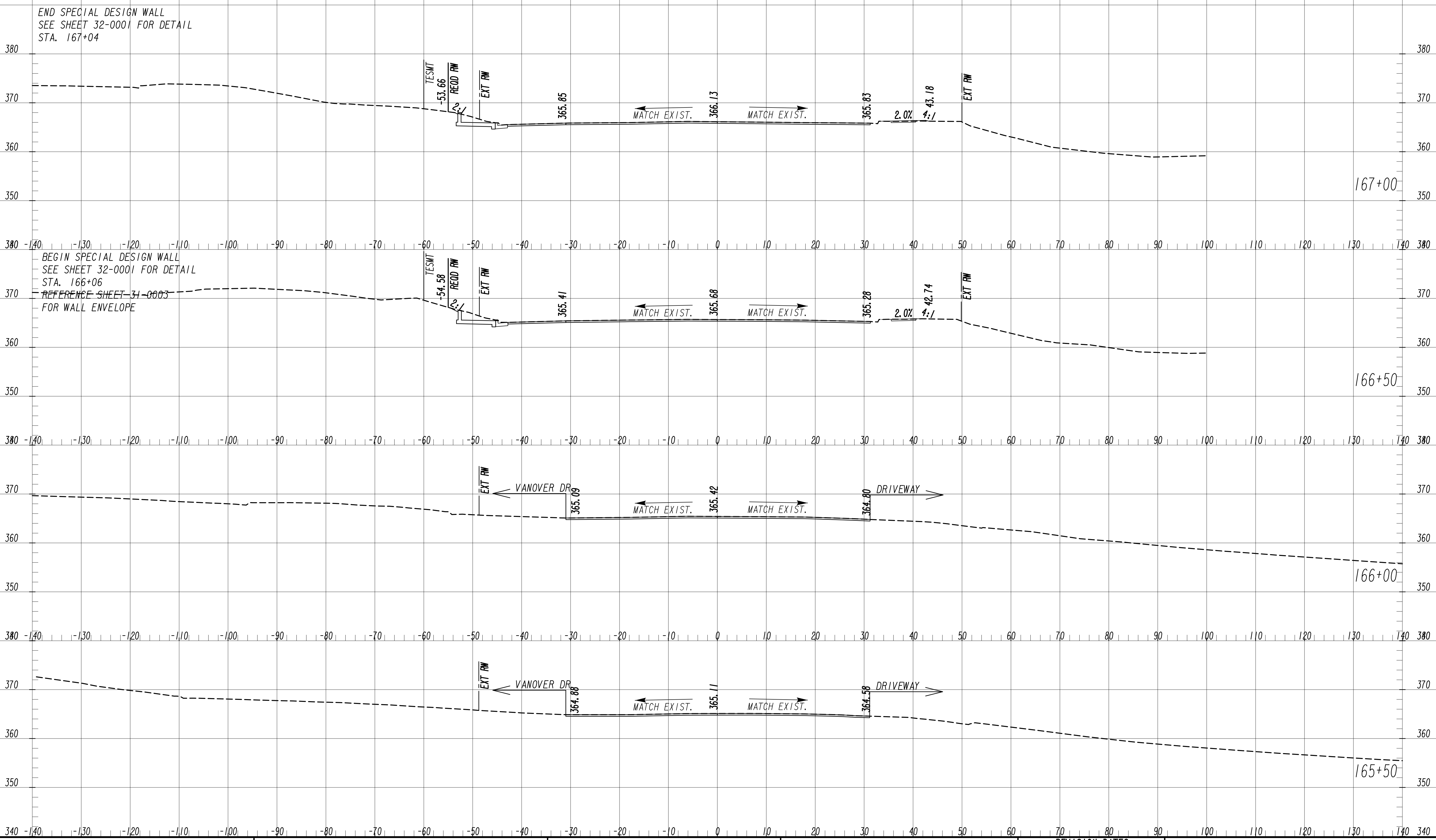
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com

SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0028</b>
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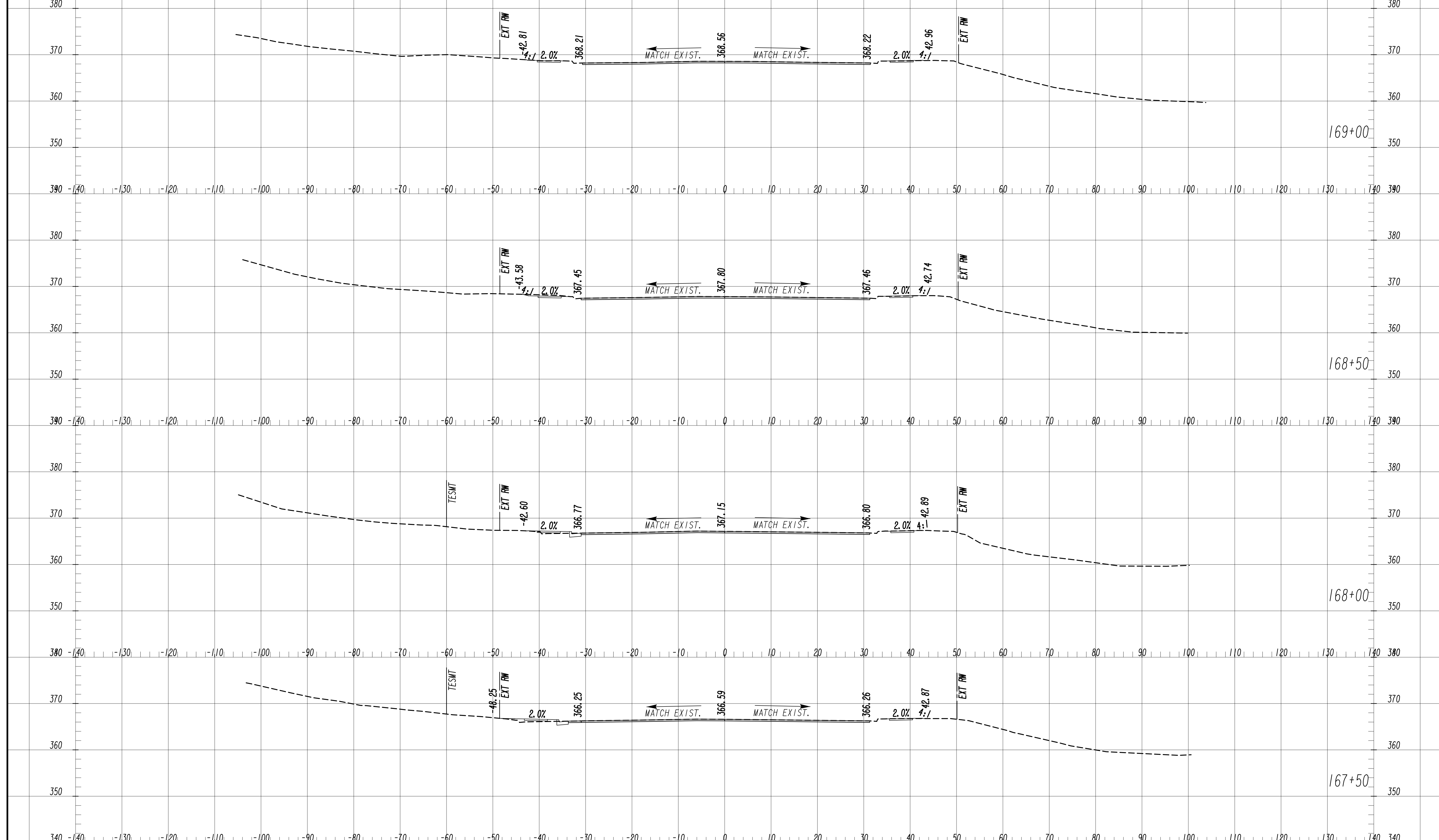
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SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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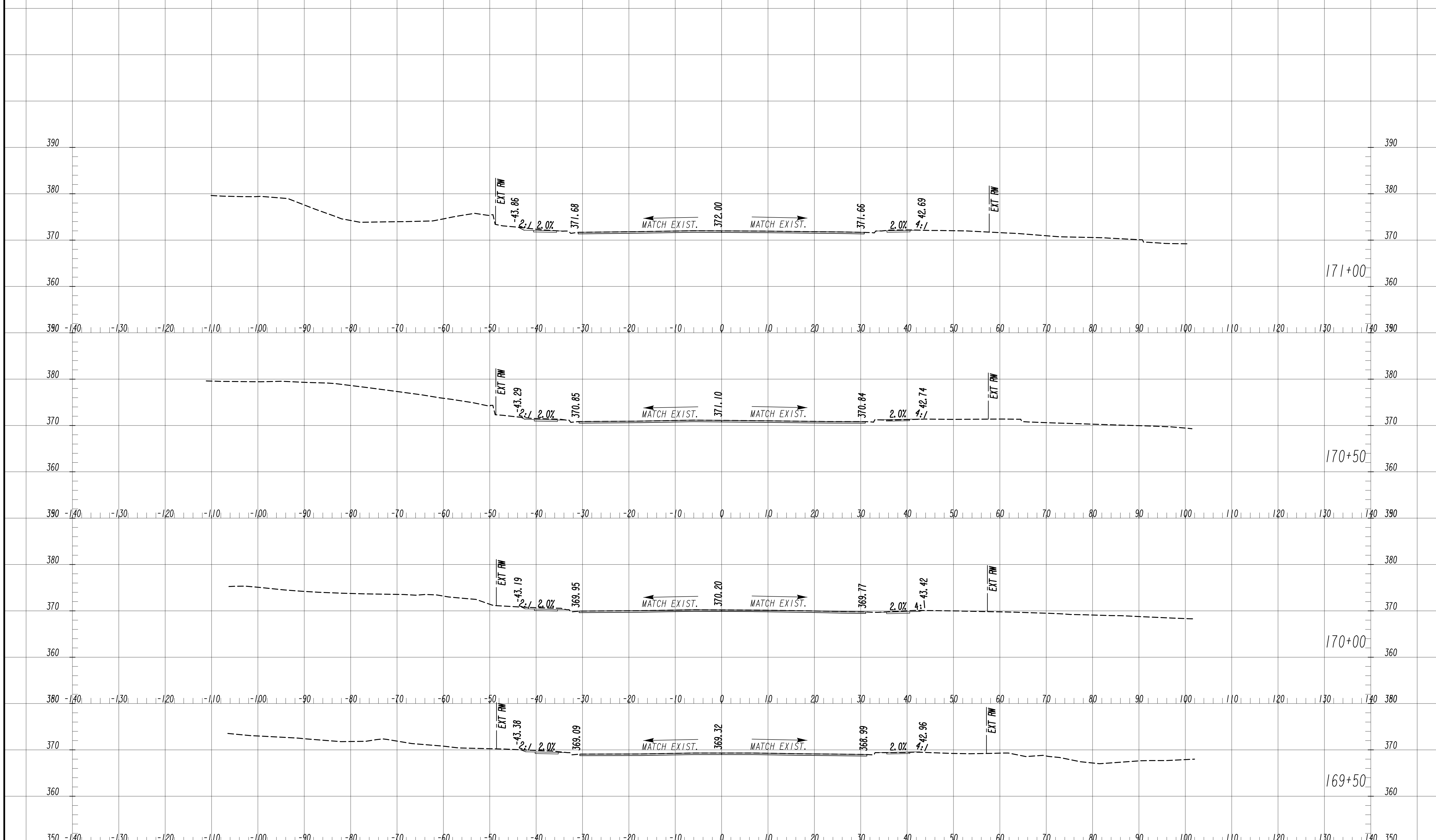
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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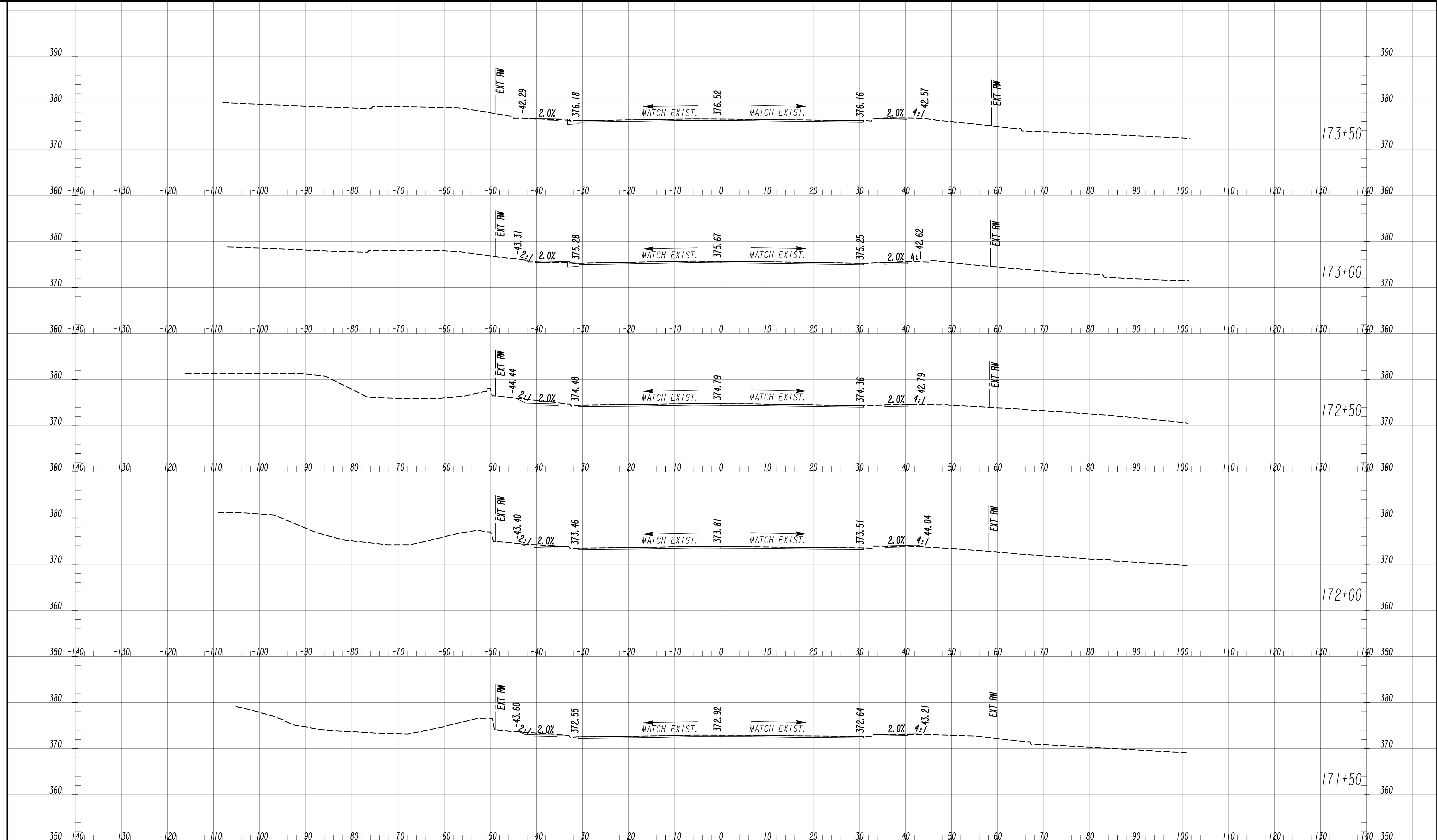
6745 Sugarloaf Parkway, Suite 100  
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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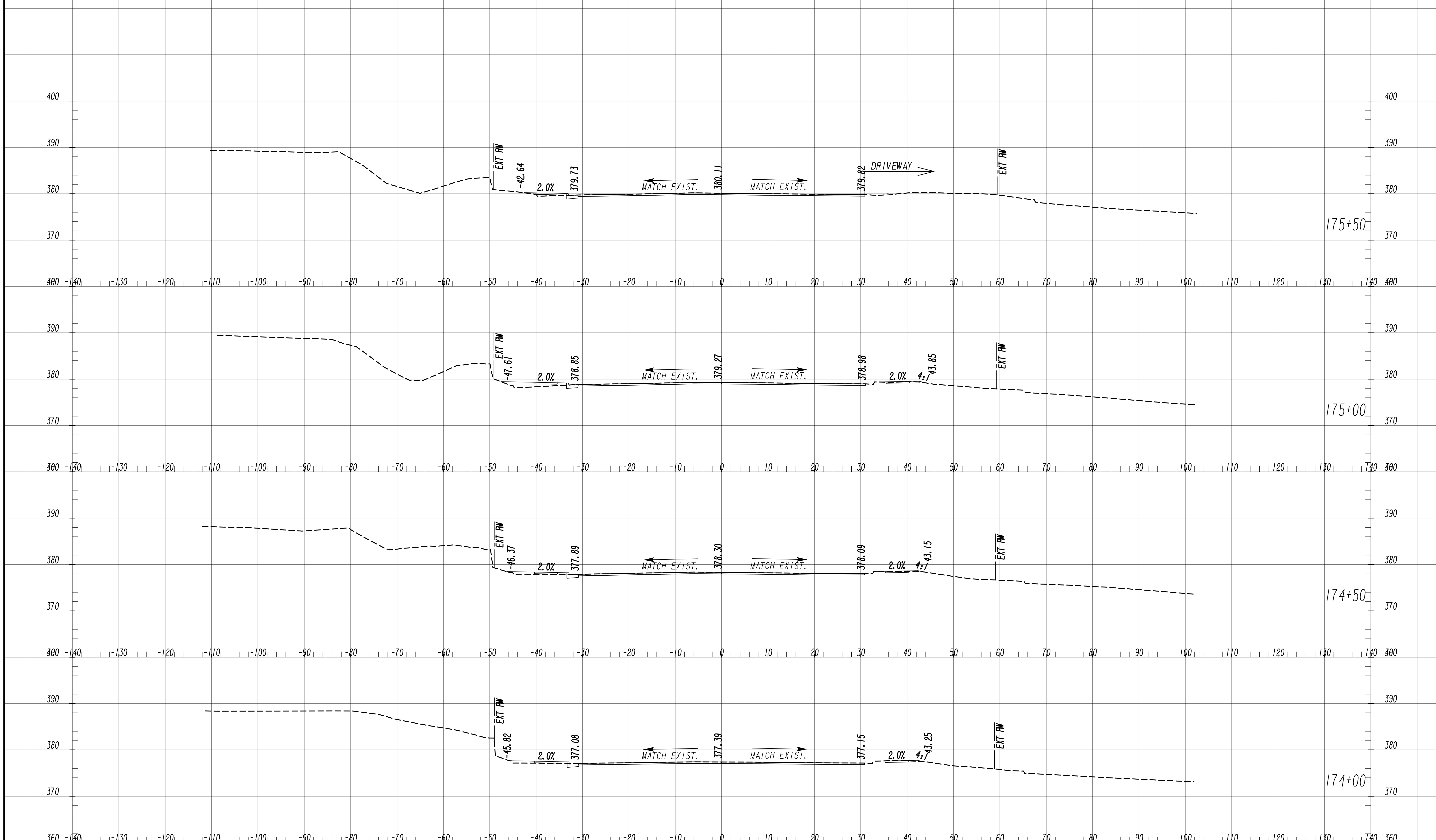
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1" = 10' HORIZ.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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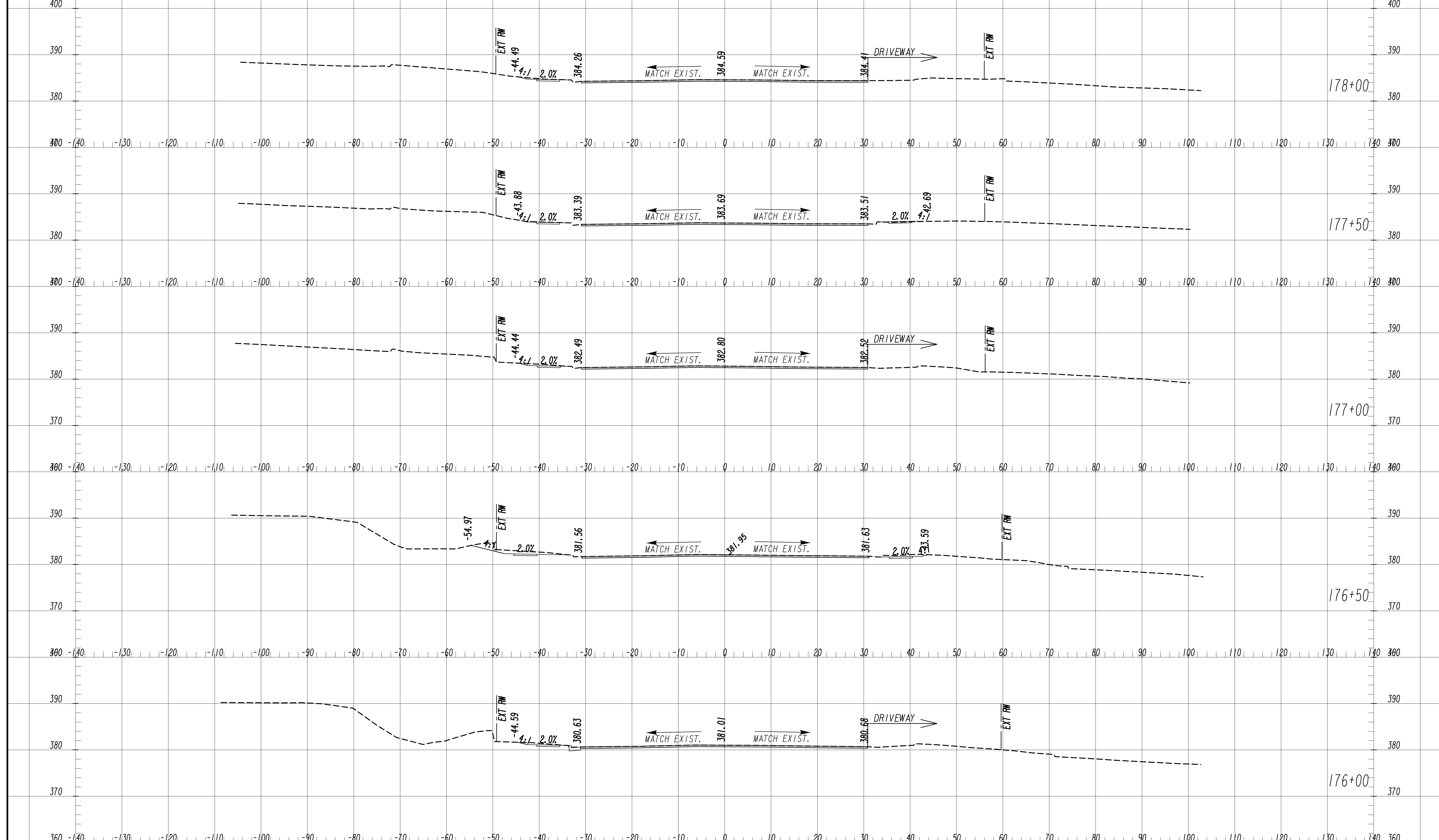
SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
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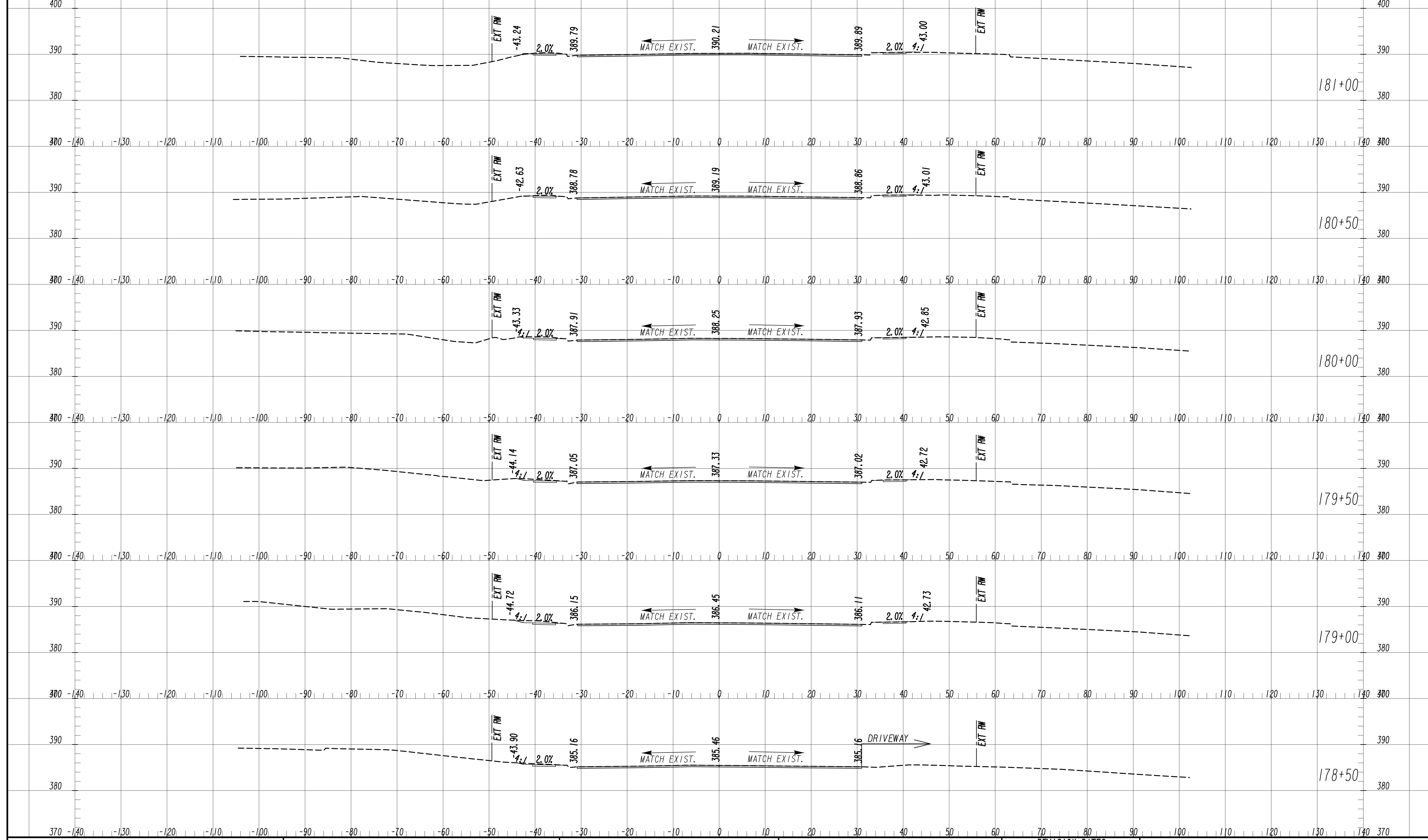
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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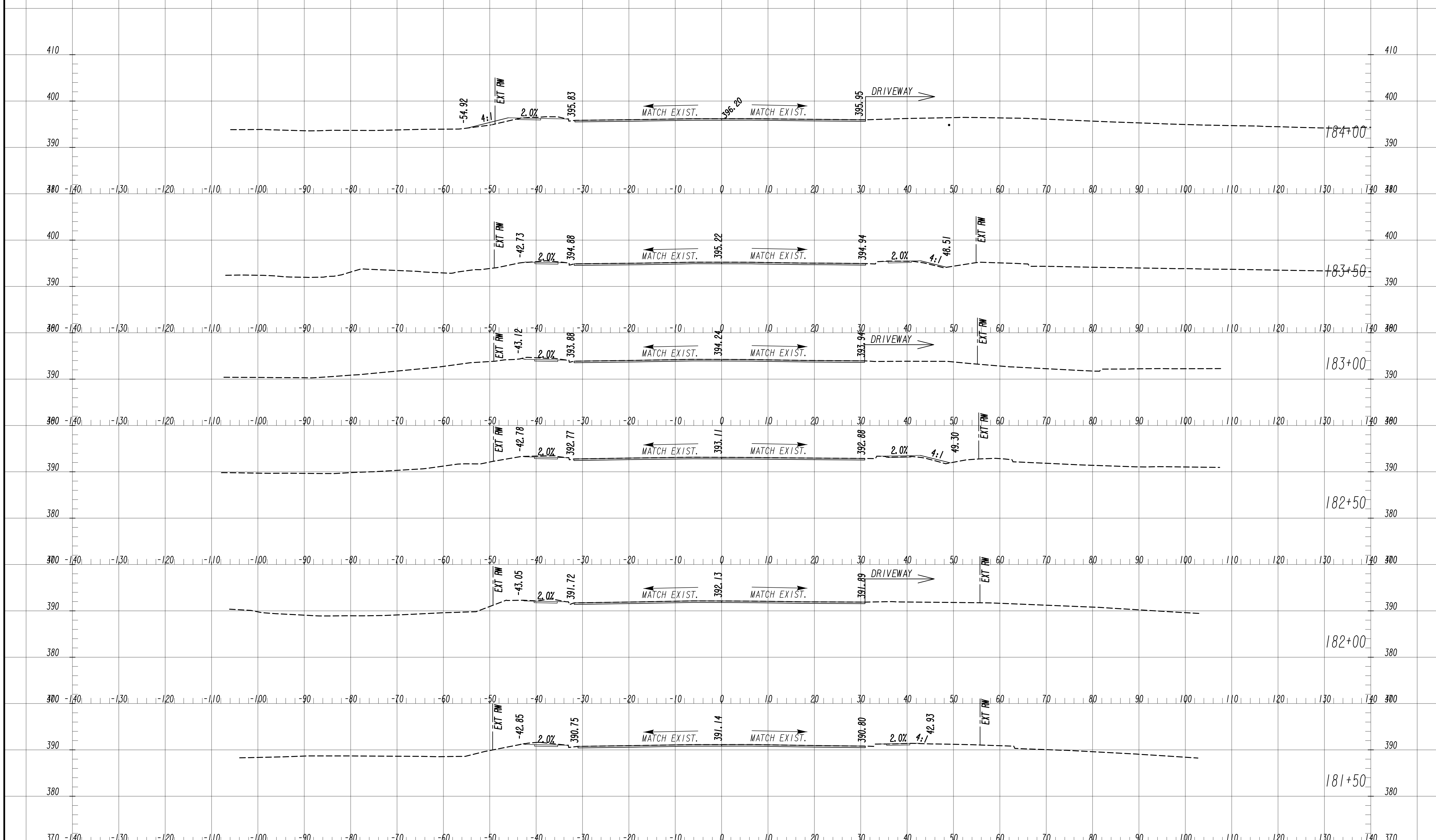
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

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**EARTHWORK CROSS SECTIONS**  
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AND PEDESTRIAN IMPROVEMENTS  
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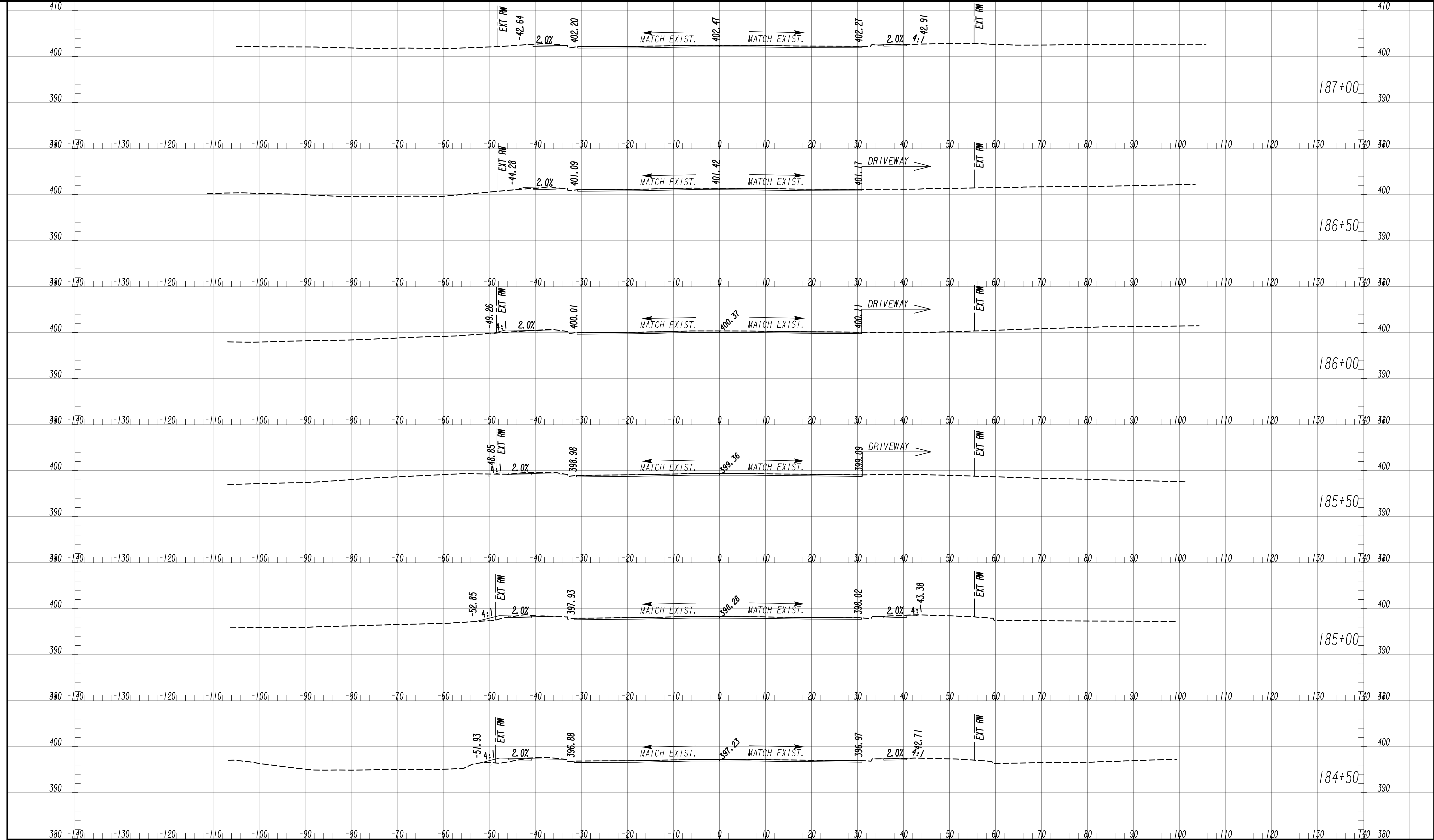
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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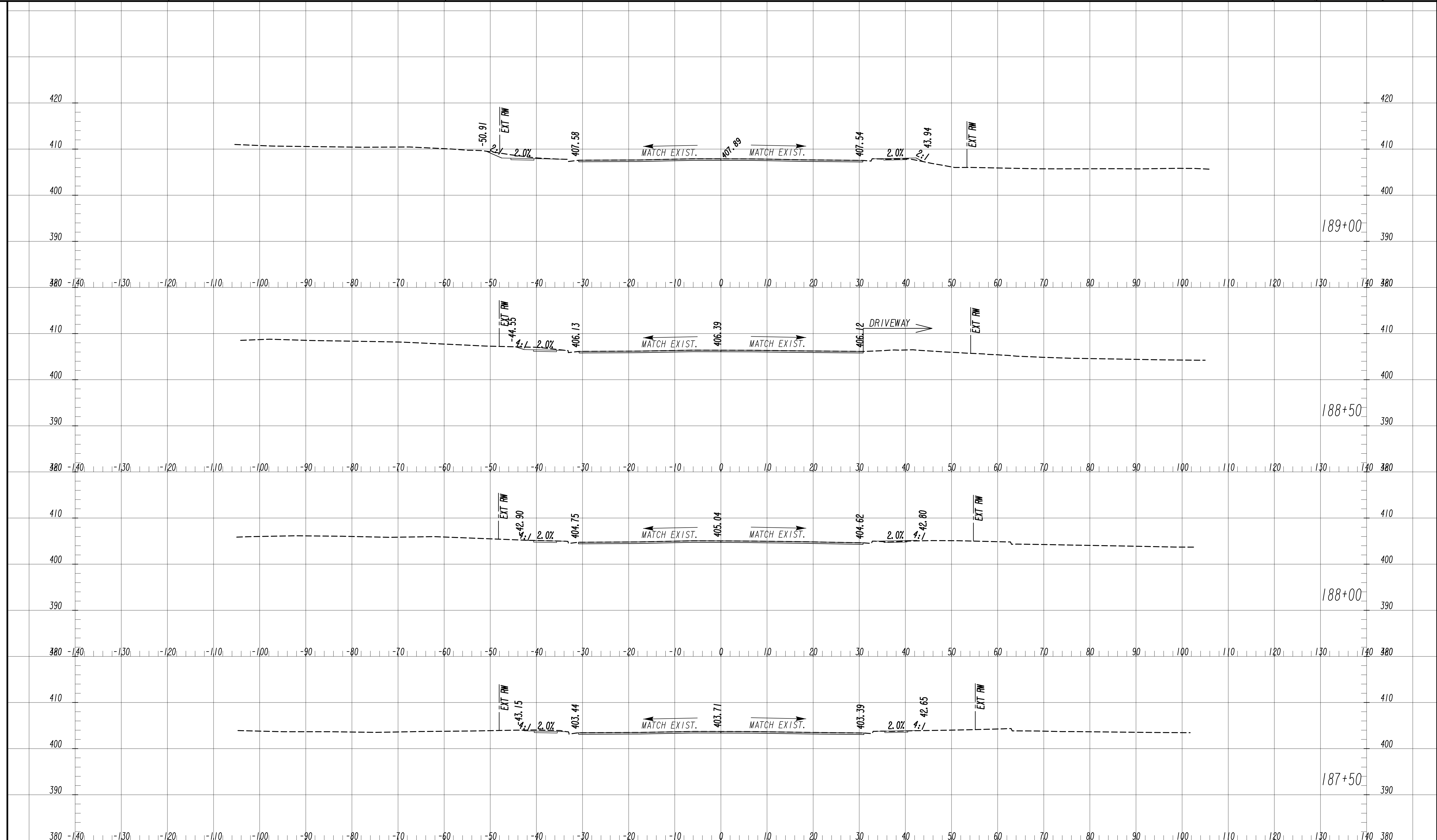
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SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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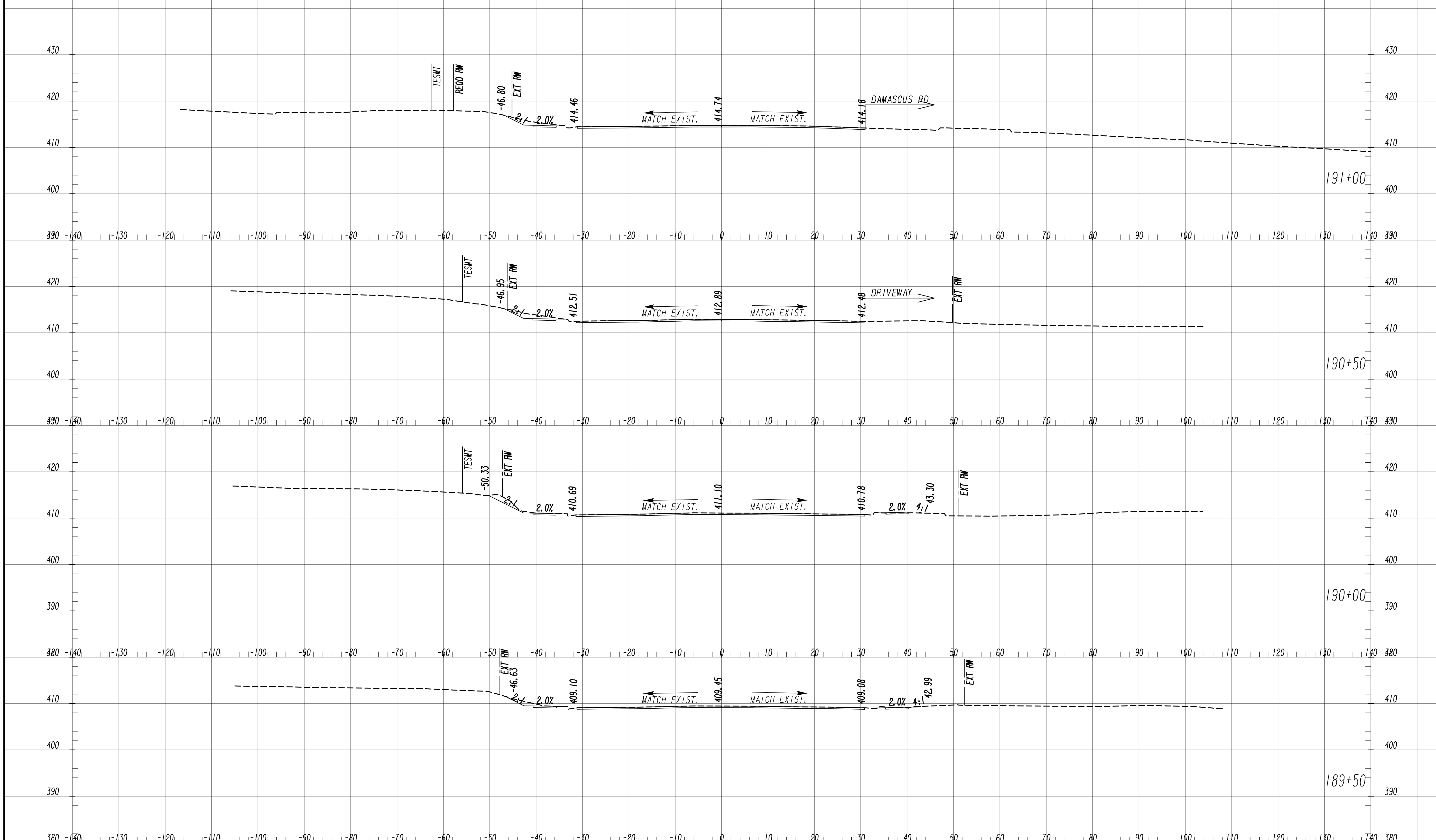
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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TESMT  
REC'D RW  
-46.80  
2.0%  
414.46  
MATCH EXIST.  
414.74  
MATCH EXIST.  
414.18  
DAMASCUS RD

TESMT  
-46.95  
2.0%  
412.51  
MATCH EXIST.  
412.89  
MATCH EXIST.  
412.48  
DRIVEWAY  
EXT RW

TESMT  
-50.33  
2.0%  
410.69  
MATCH EXIST.  
411.10  
MATCH EXIST.  
410.78  
2.0%  
4:1  
43.30  
EXT RW

EXT RW  
-46.63  
2.0%  
409.10  
MATCH EXIST.  
409.45  
MATCH EXIST.  
409.08  
2.0%  
4:1  
42.99  
EXT RW

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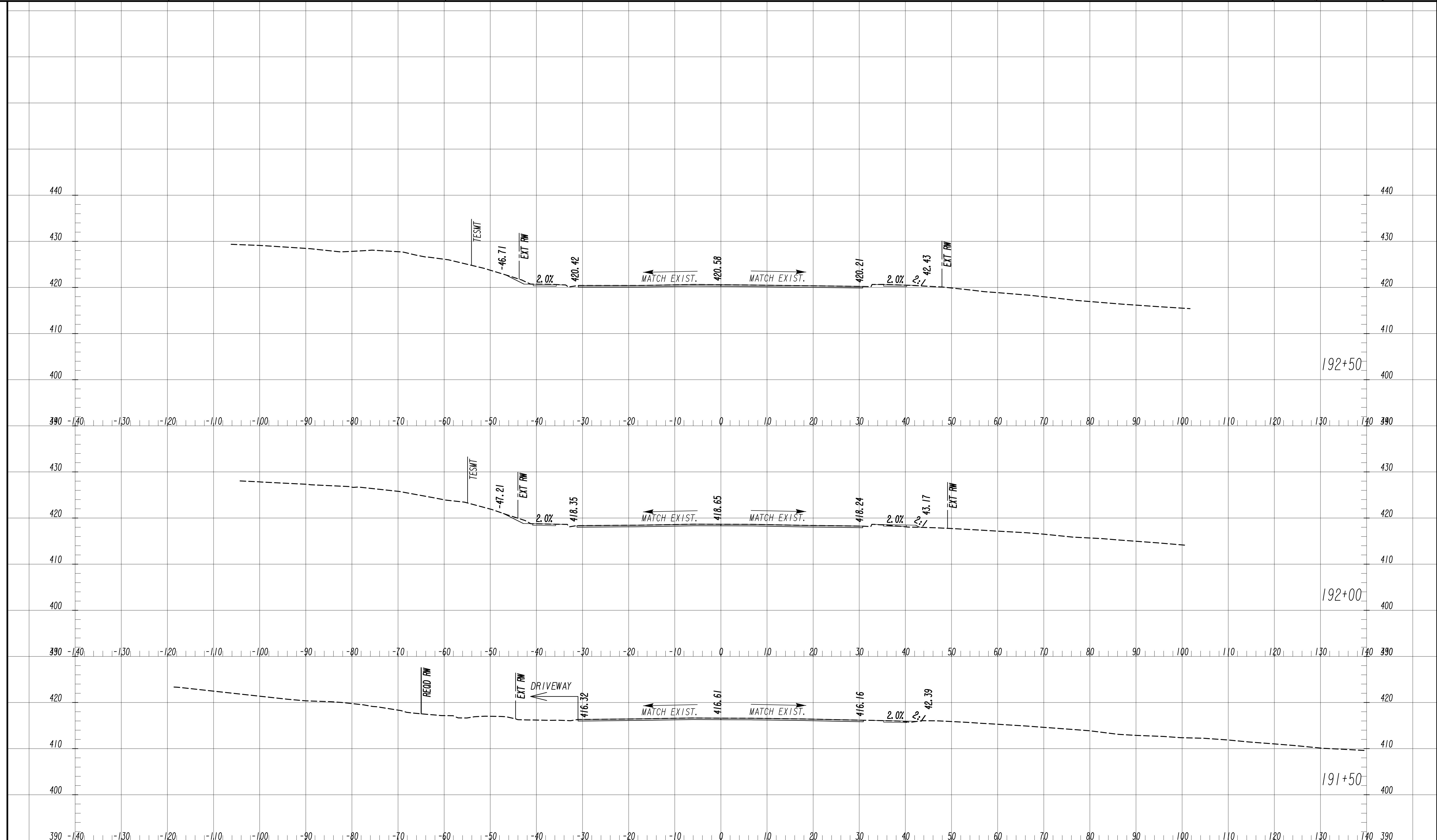
6745 Sugarloaf Parkway, Suite 100  
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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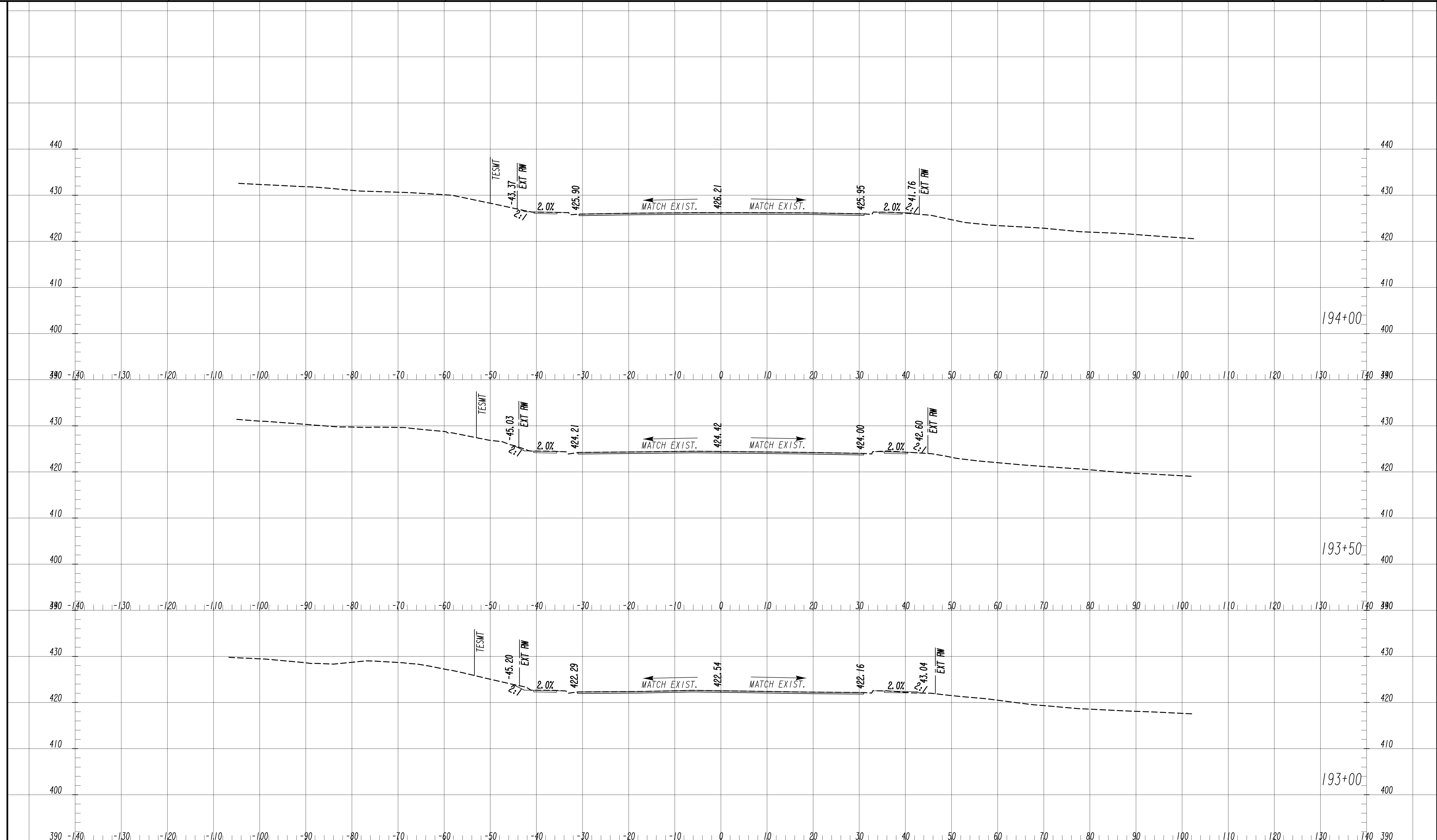
6745 Sugarloaf Parkway, Suite 100  
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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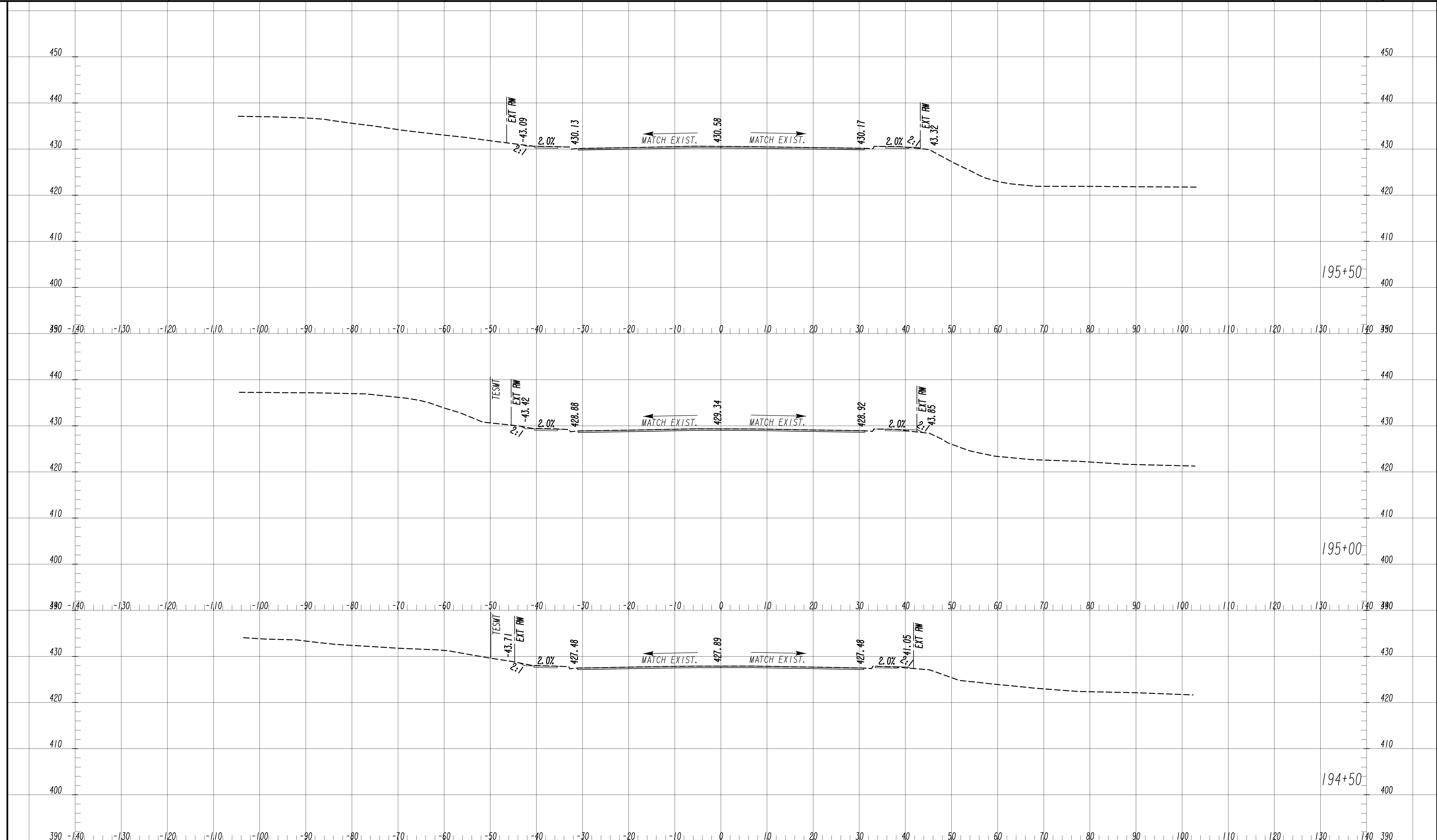
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1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0041</b>
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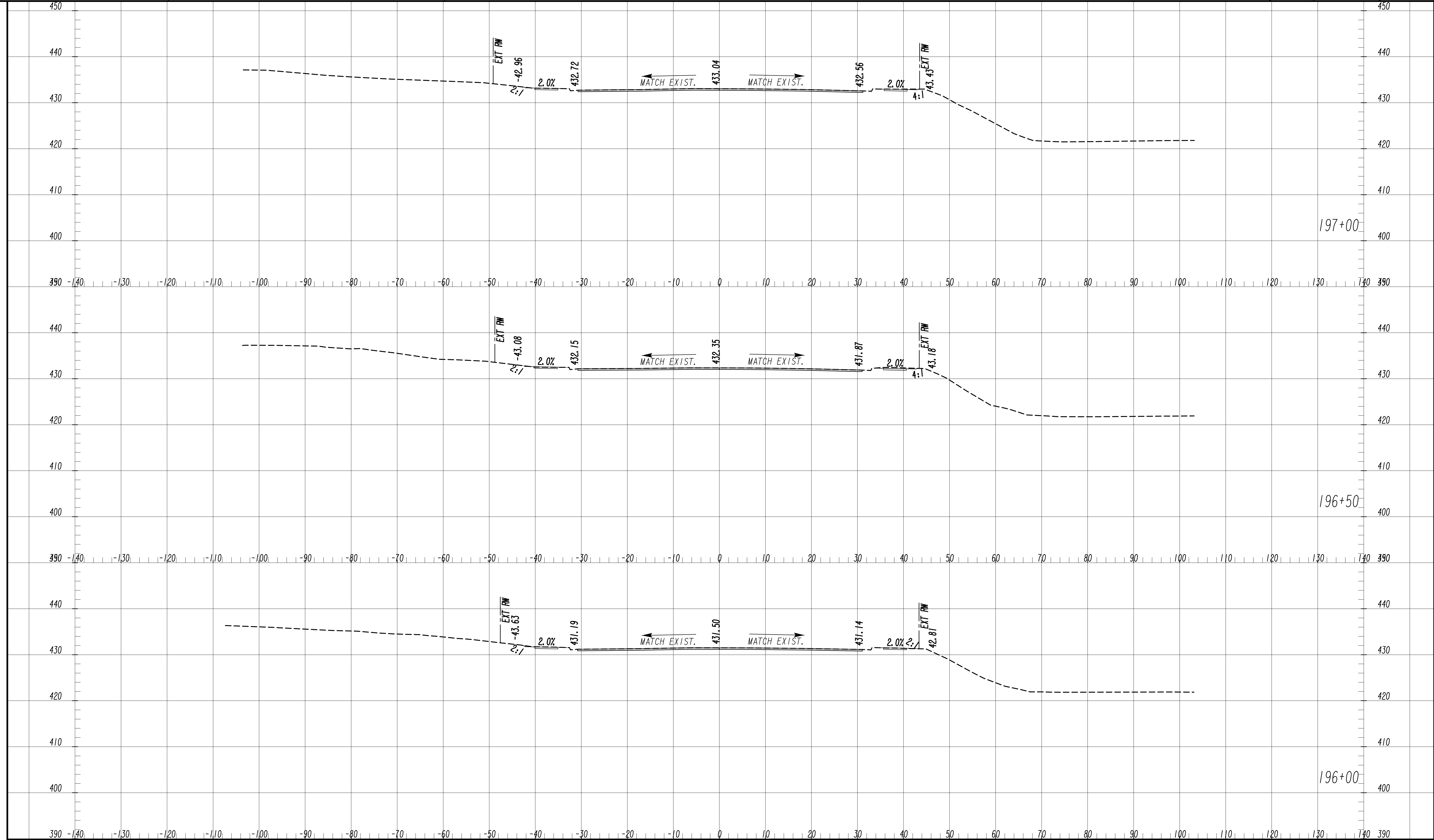
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SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0042</b>
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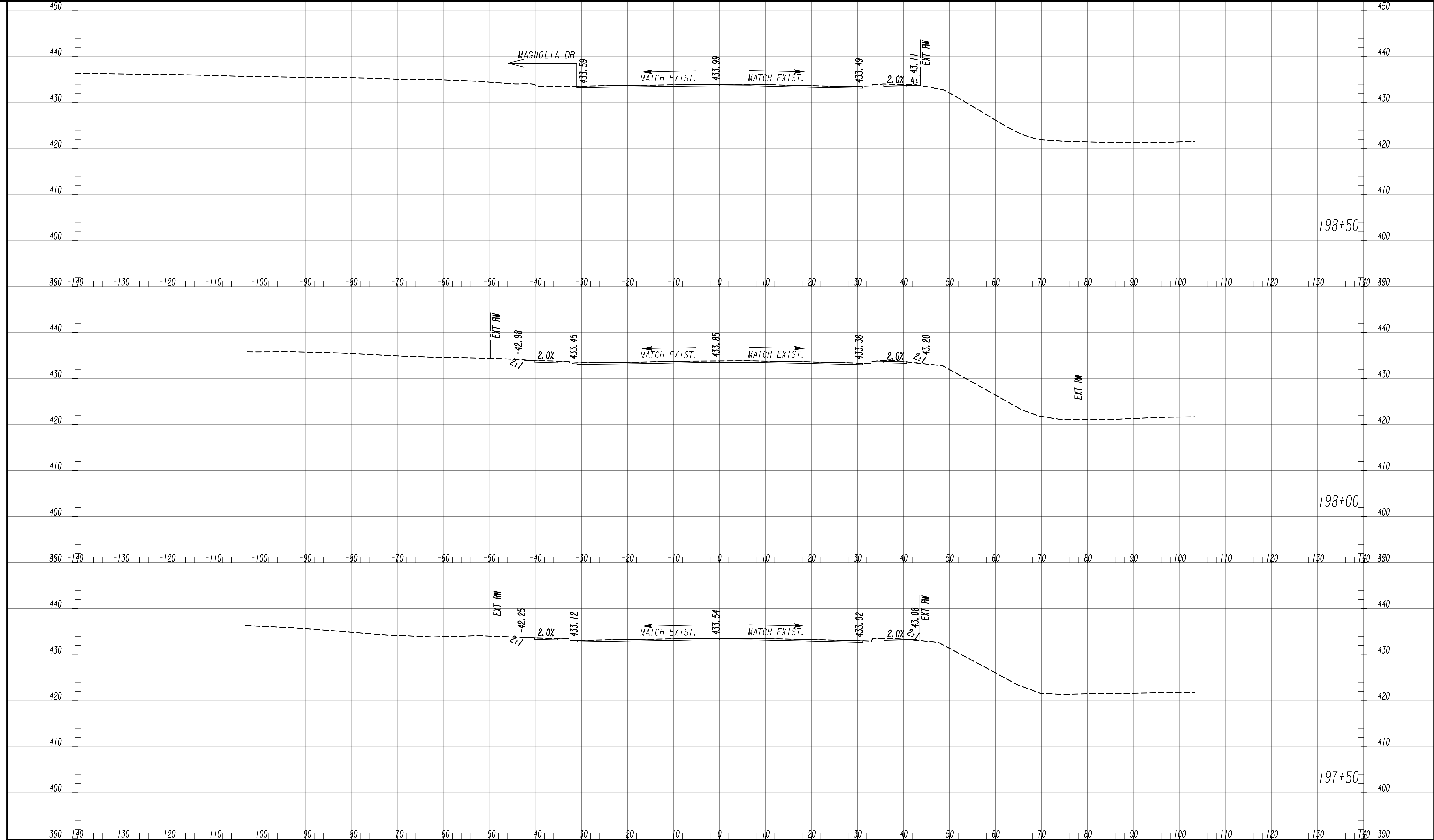


SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0043</b>
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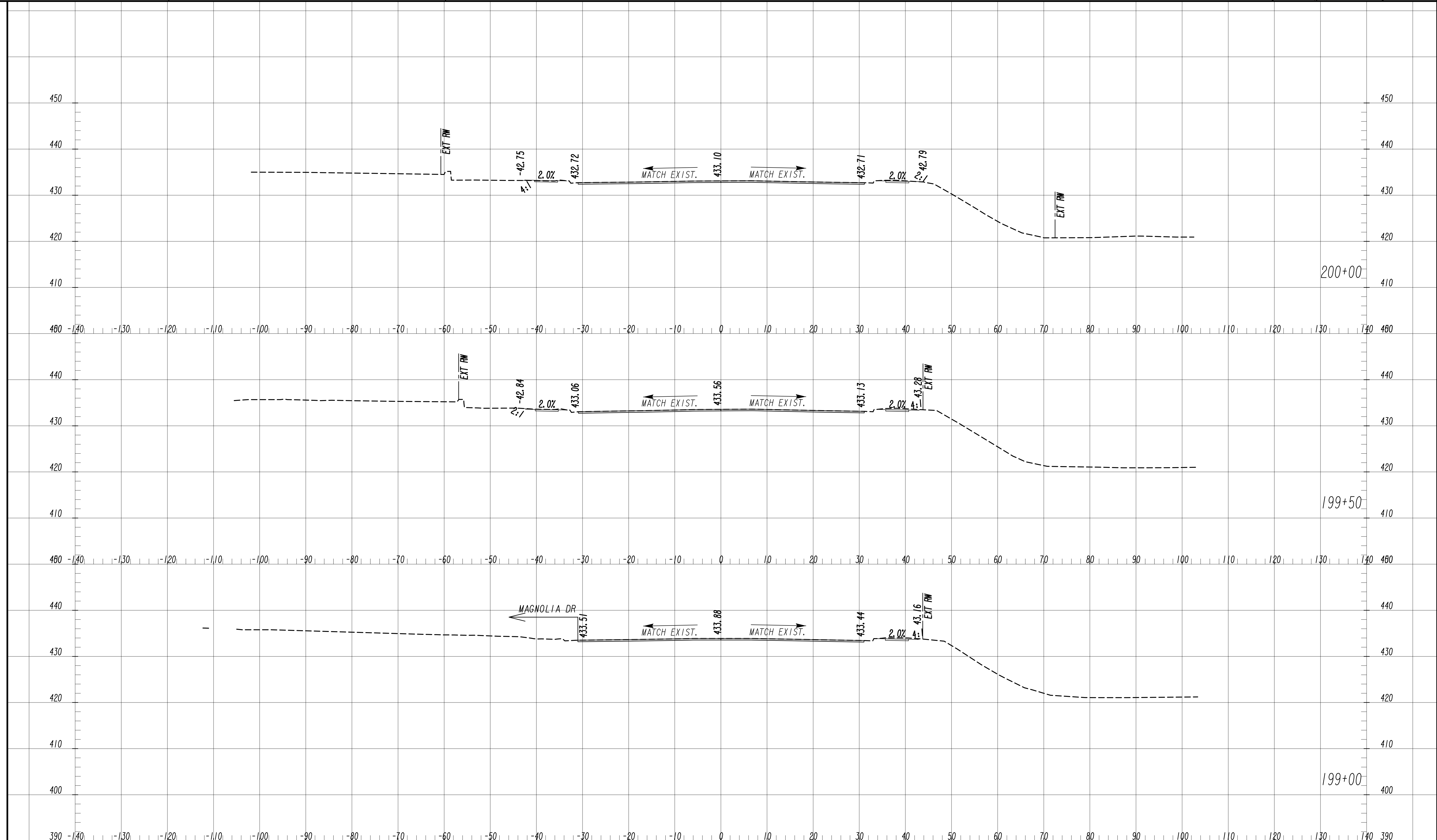
6745 Sugarloaf Parkway, Suite 100  
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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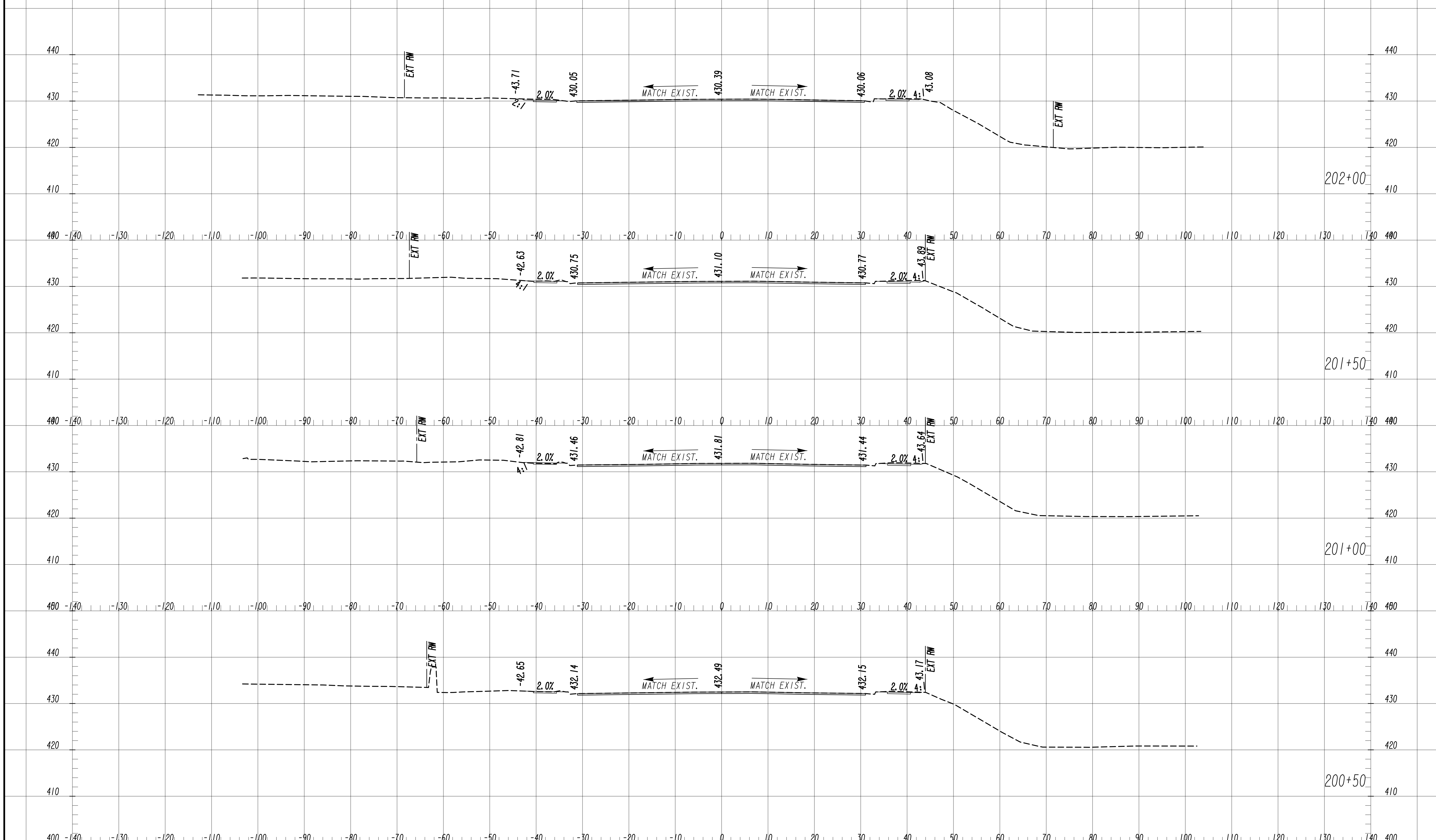
6745 Sugarloaf Parkway, Suite 100  
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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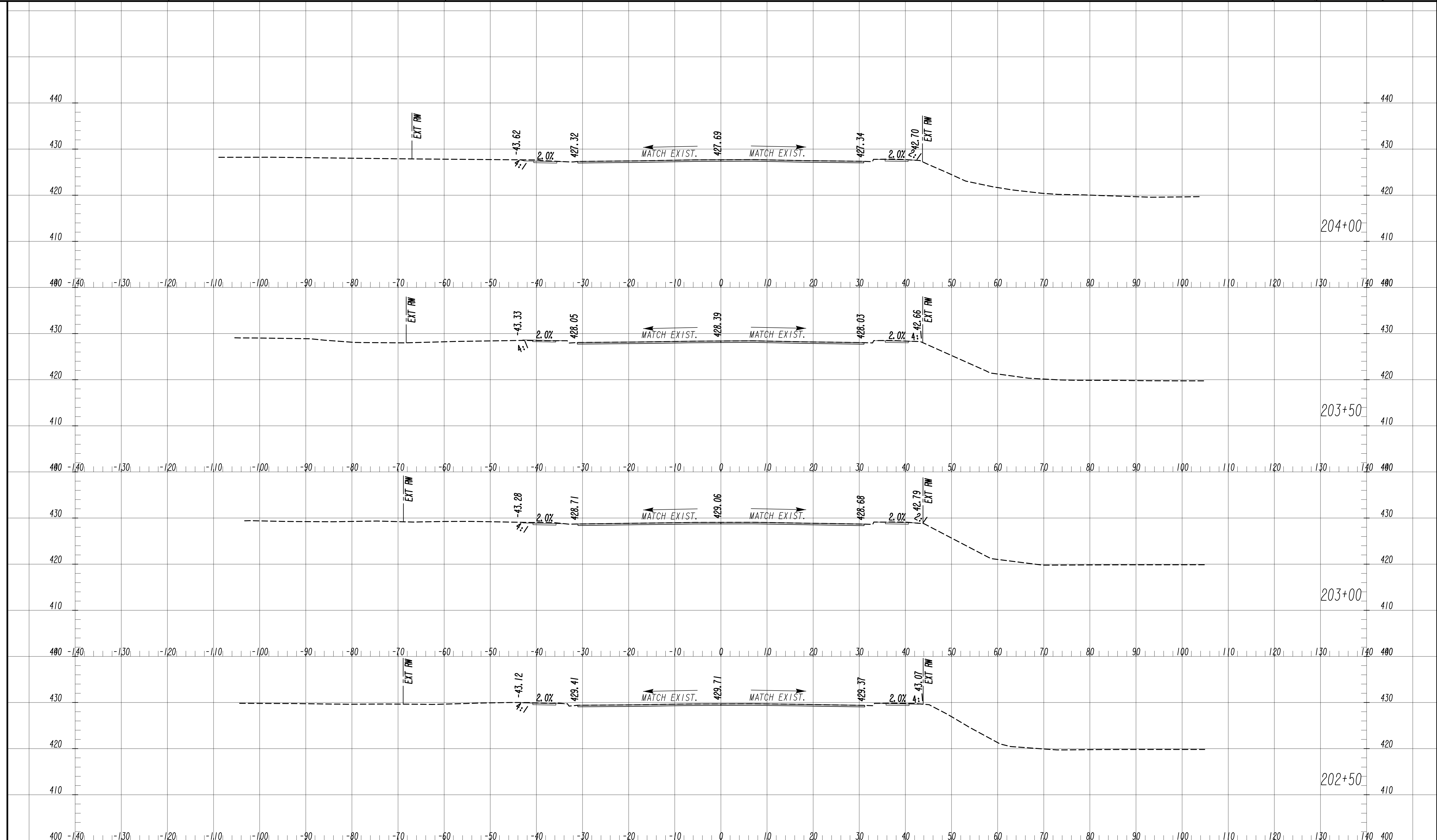


SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0046</b>
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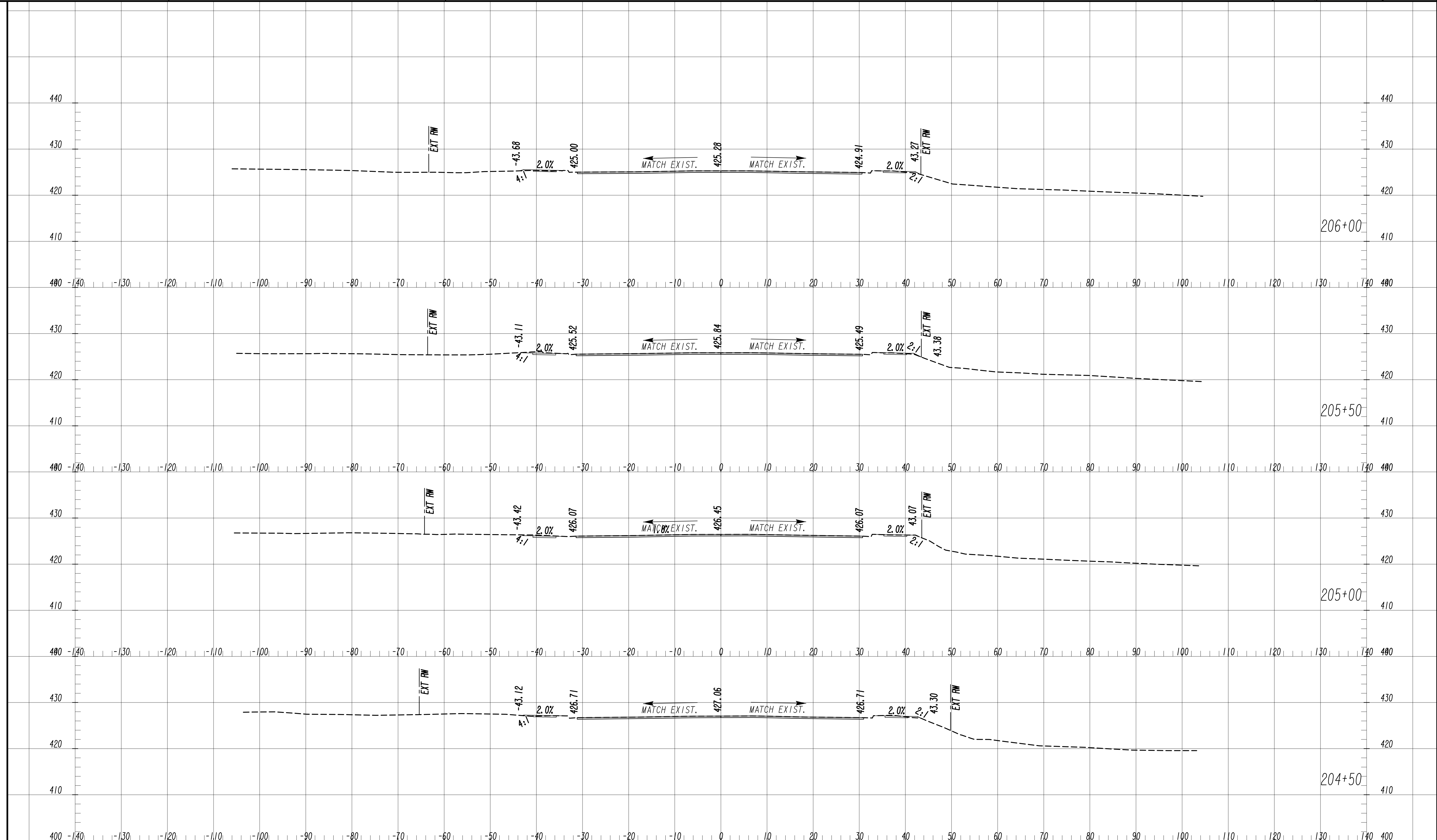
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SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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 AND PEDESTRIAN IMPROVEMENTS  
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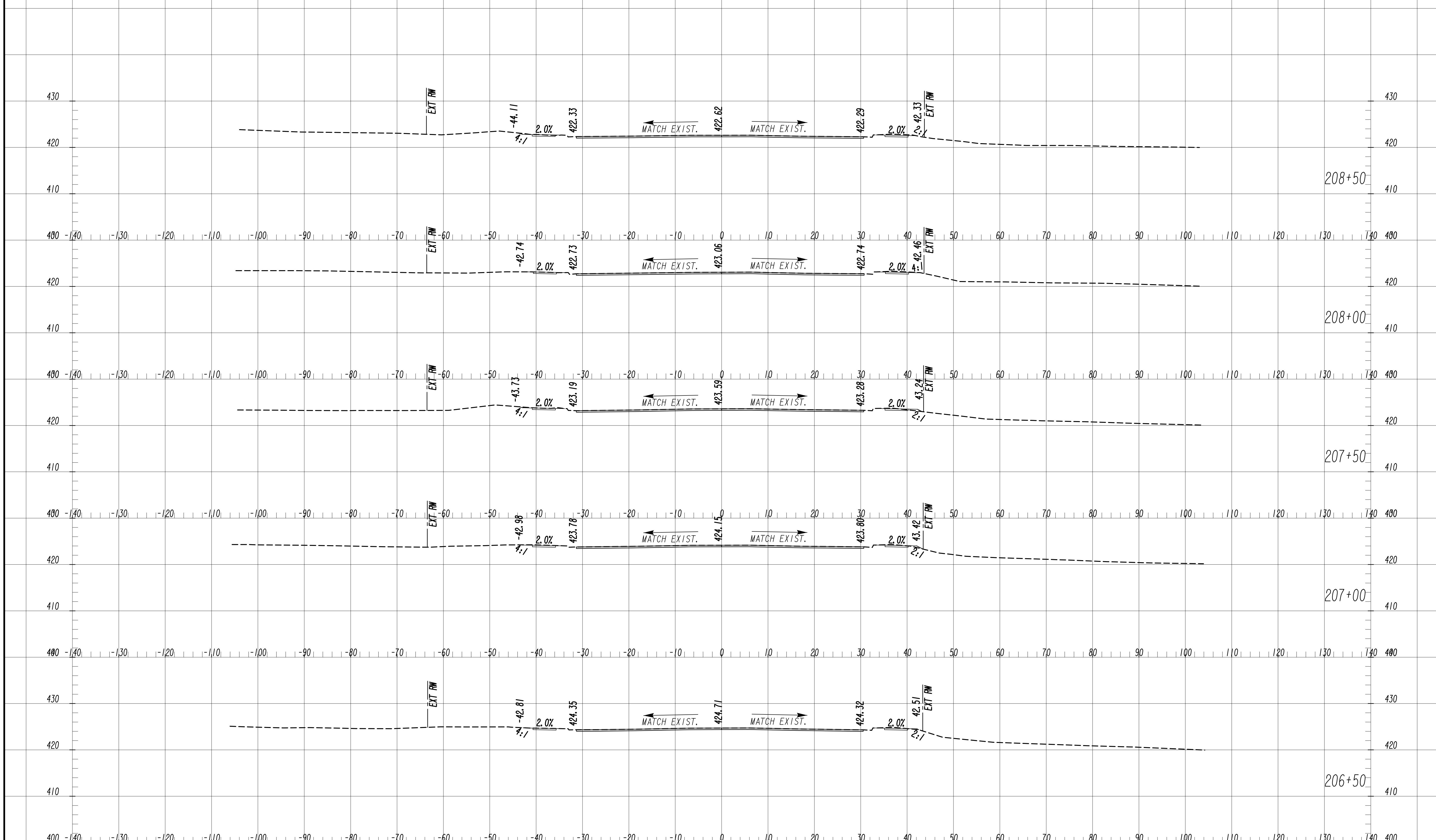
6745 Sugarloaf Parkway, Suite 100  
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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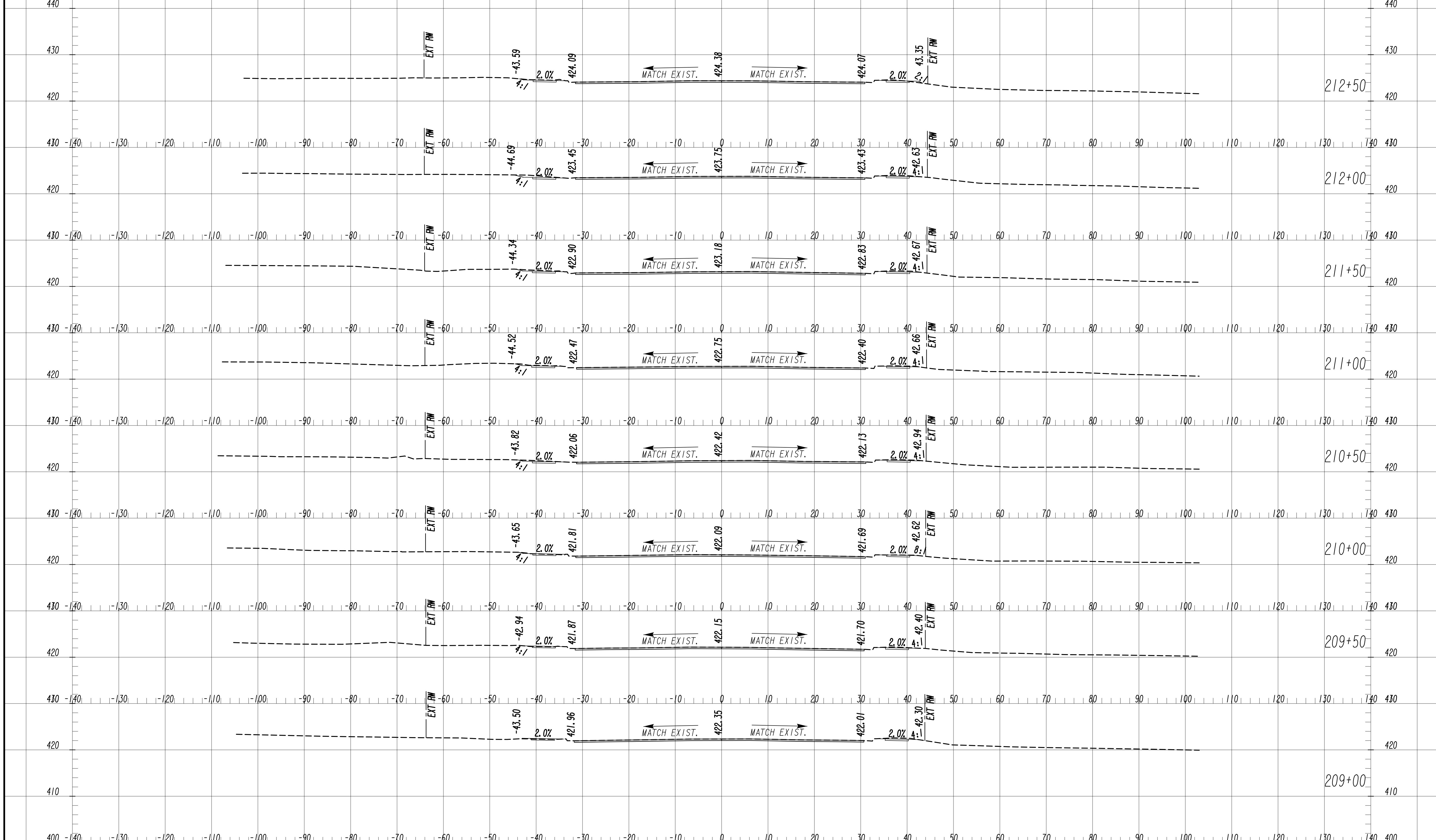
SCALE: 1" = 10' VERT.  
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REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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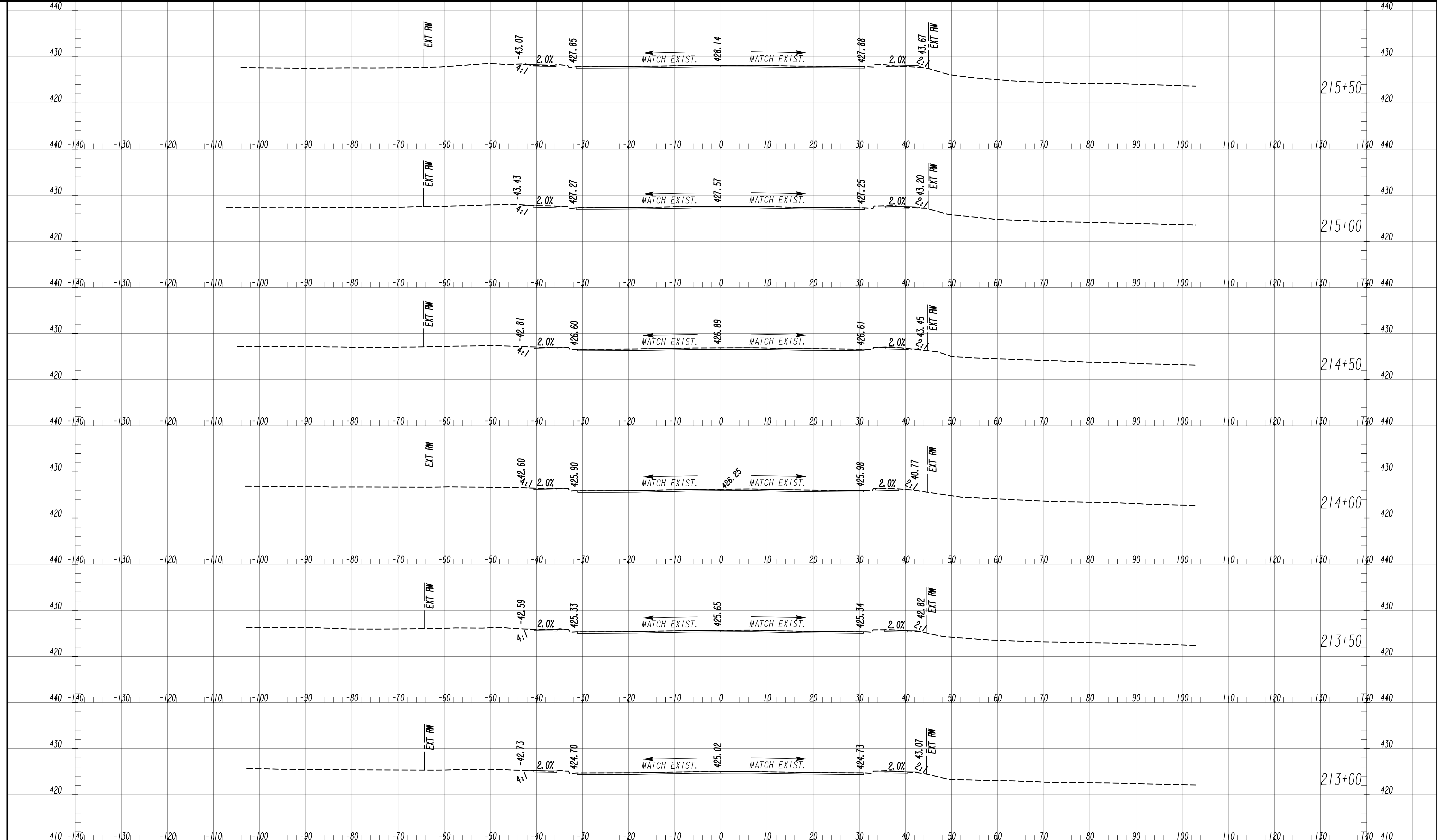
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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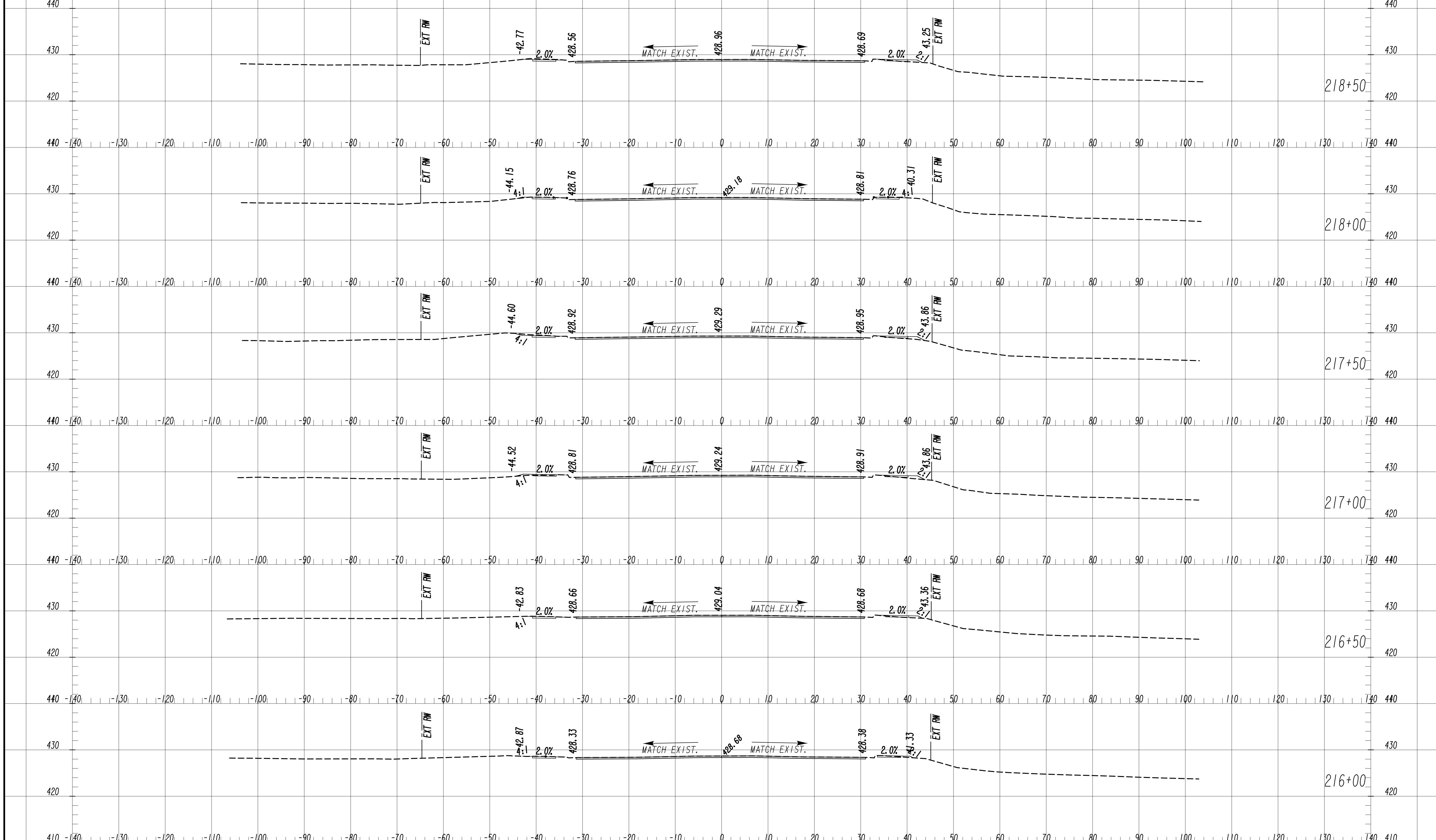
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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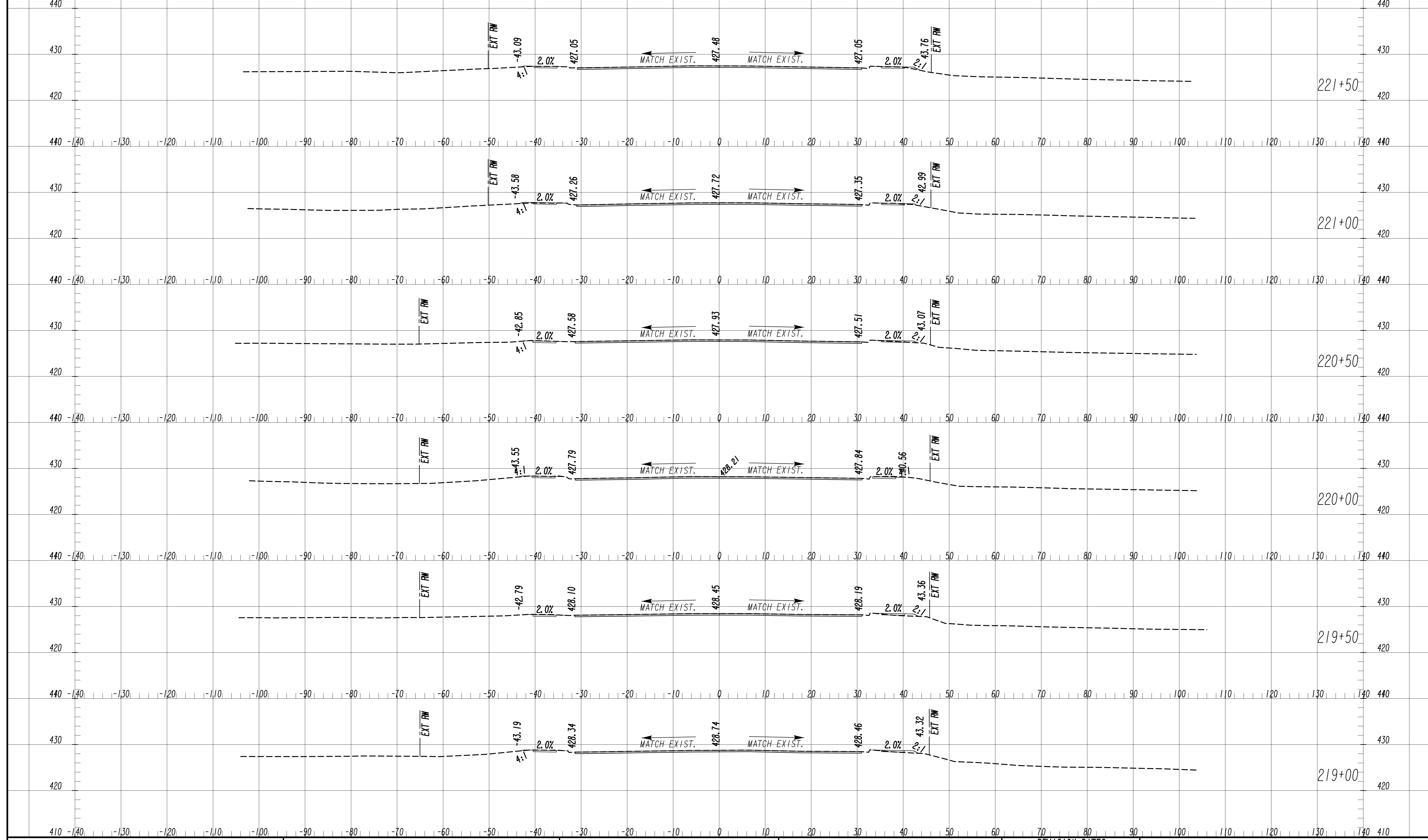
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

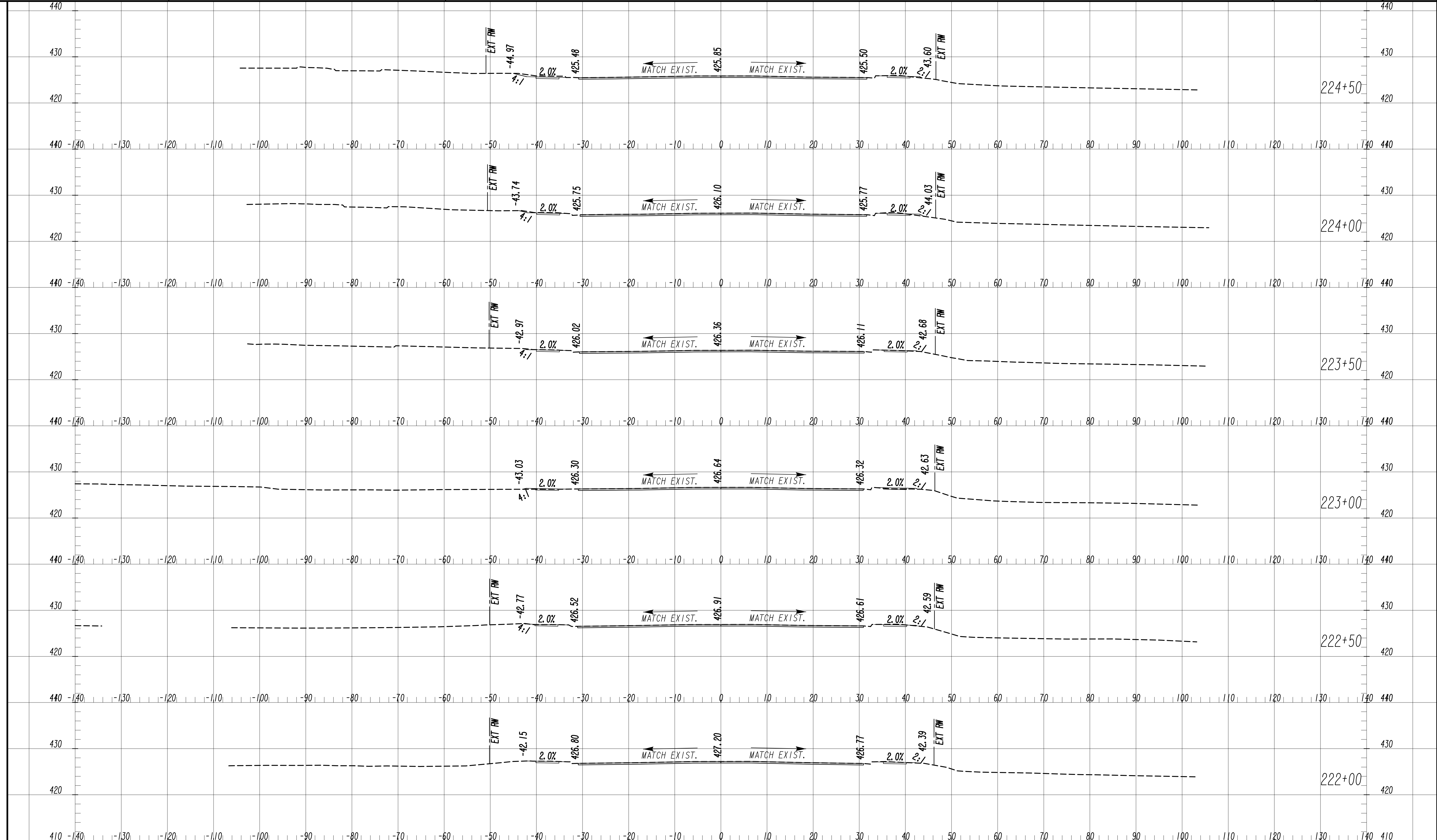
REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
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AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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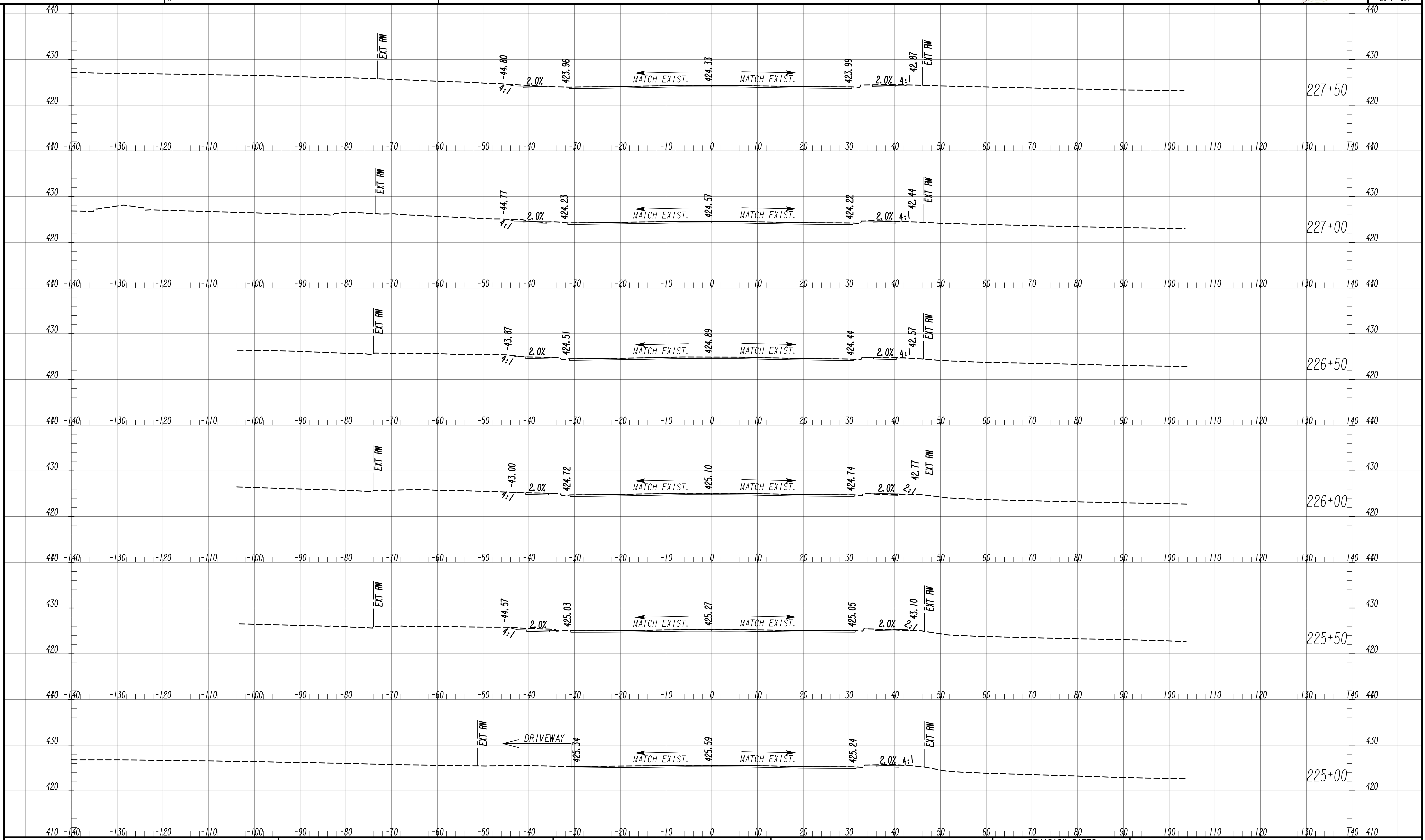
SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

REVISION DATES	

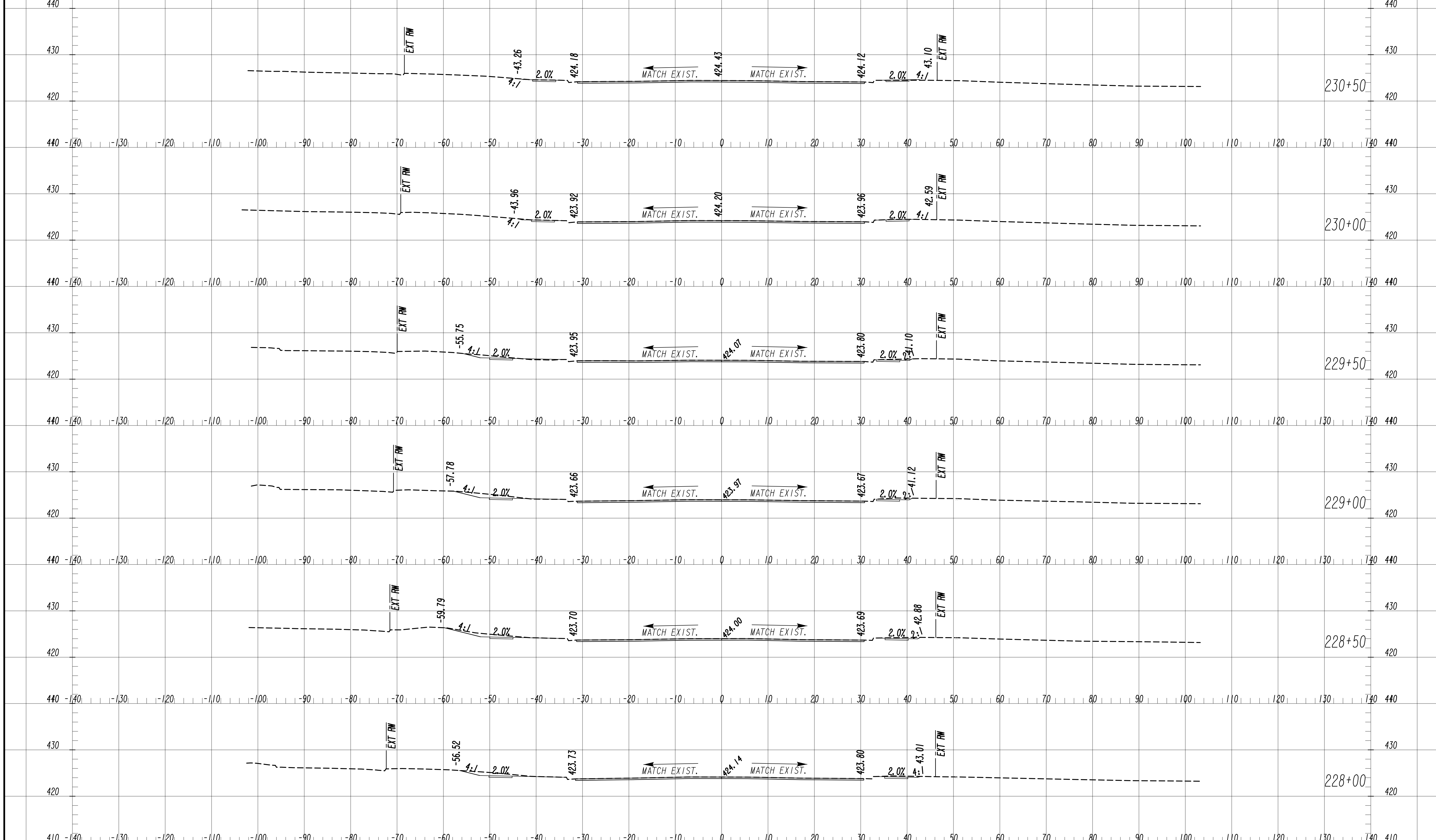
**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0054</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES		EARTHWORK CROSS SECTIONS WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE	
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
CORRECTED:	DATE:	VERIFIED:	DATE:
			DRAWING No. <b>23-0055</b>



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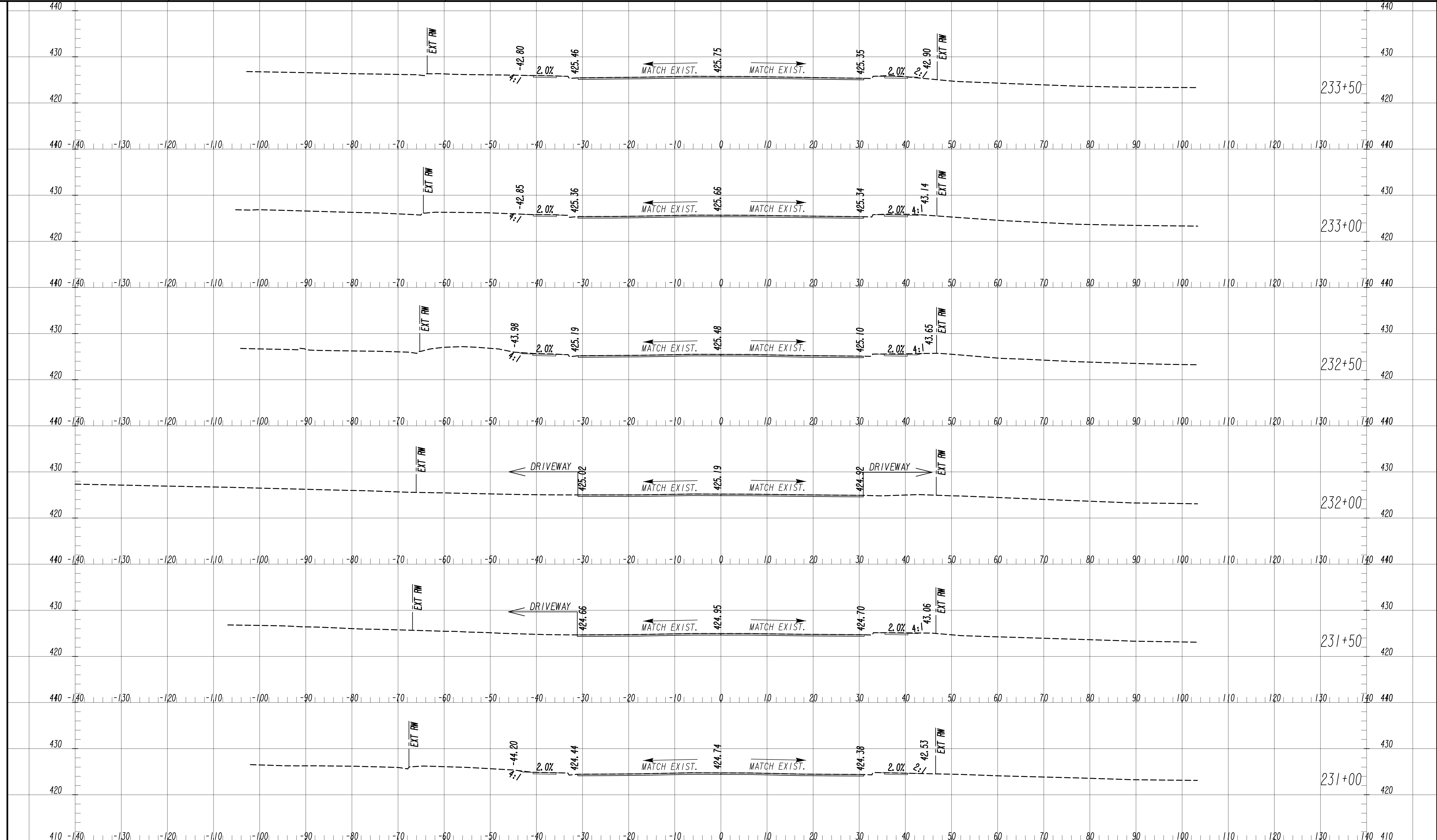
6745 Sugarloaf Parkway, Suite 100  
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SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0056</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
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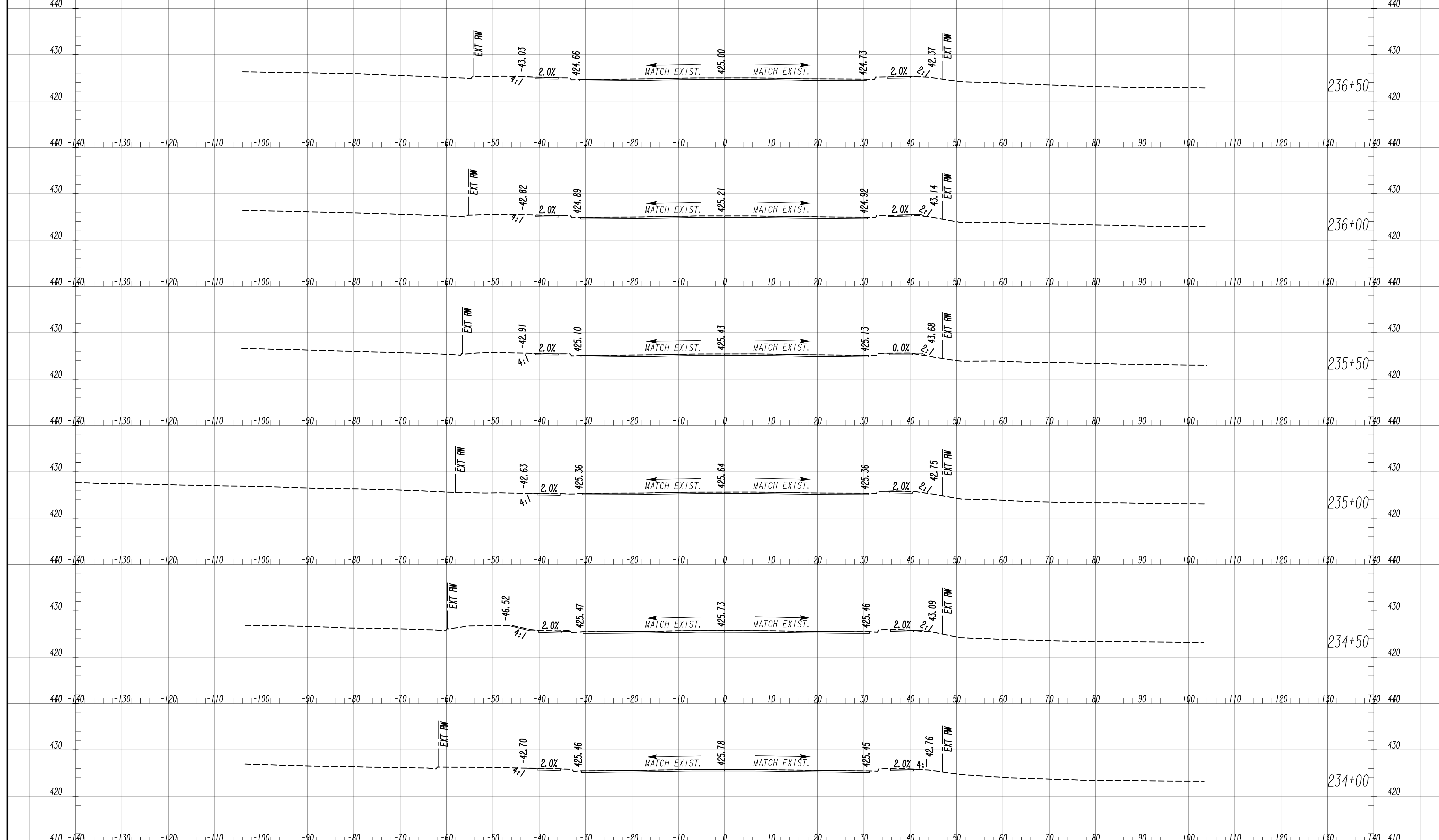
SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0057</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	





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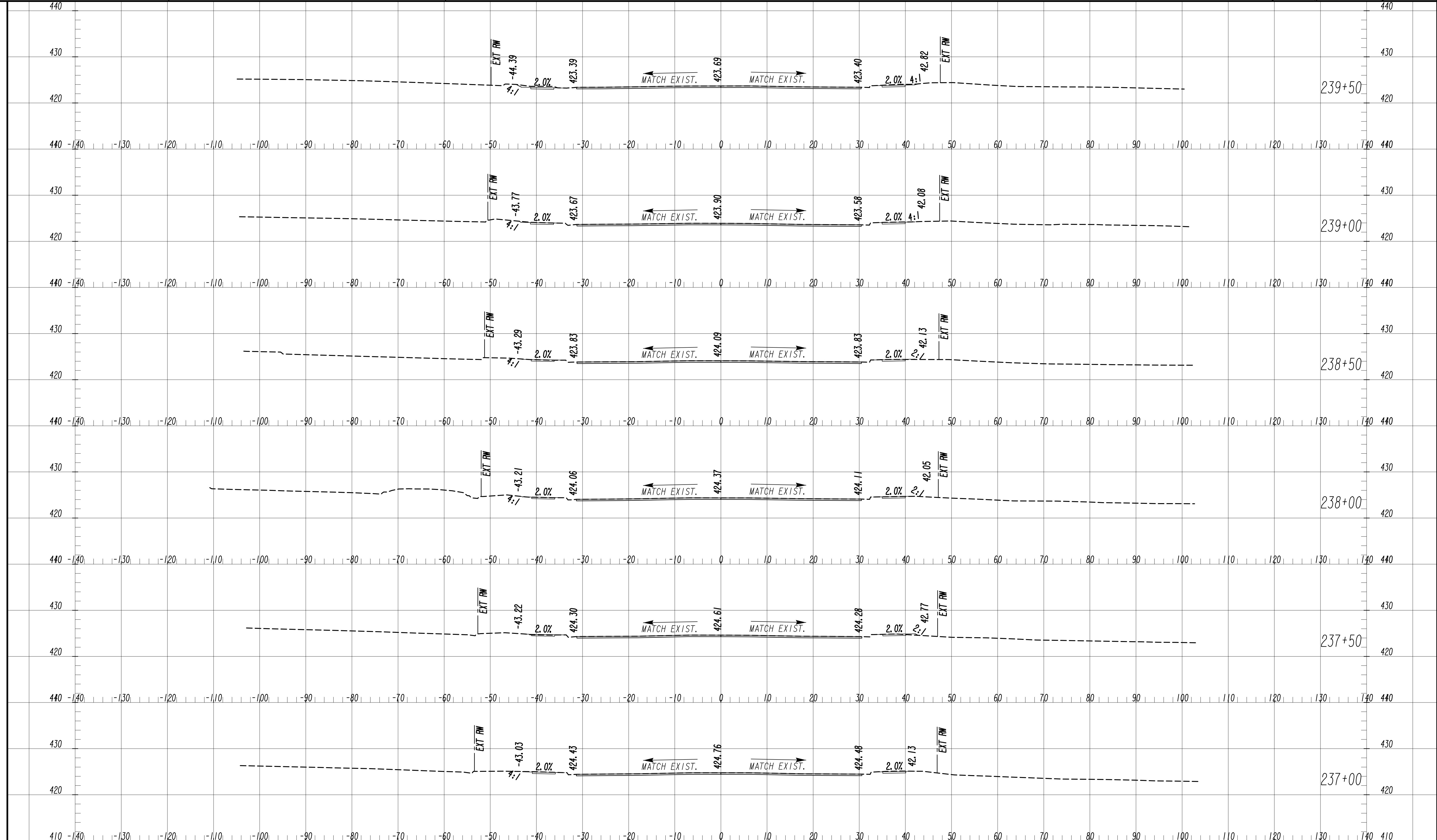


SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0058</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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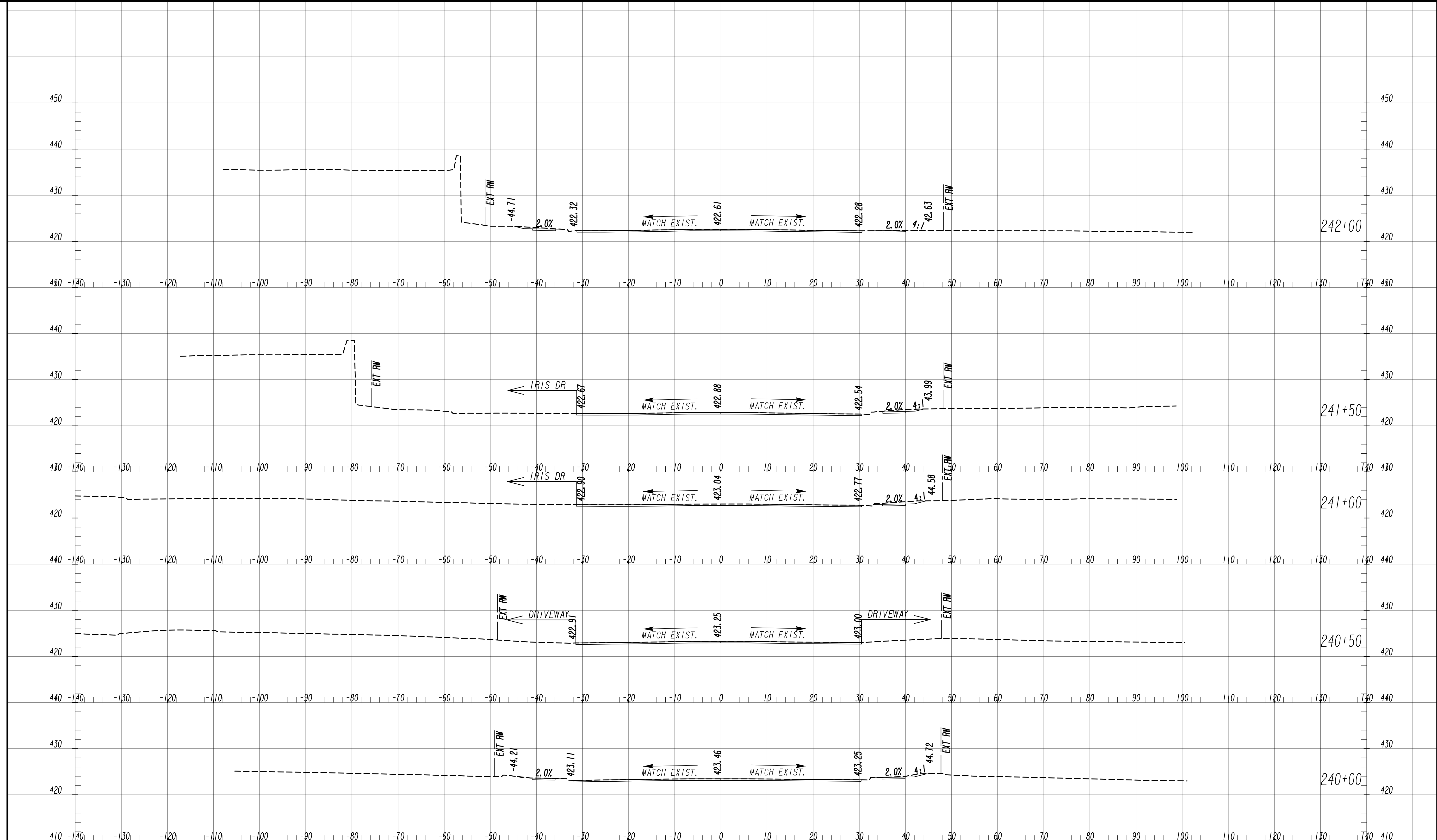
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0059</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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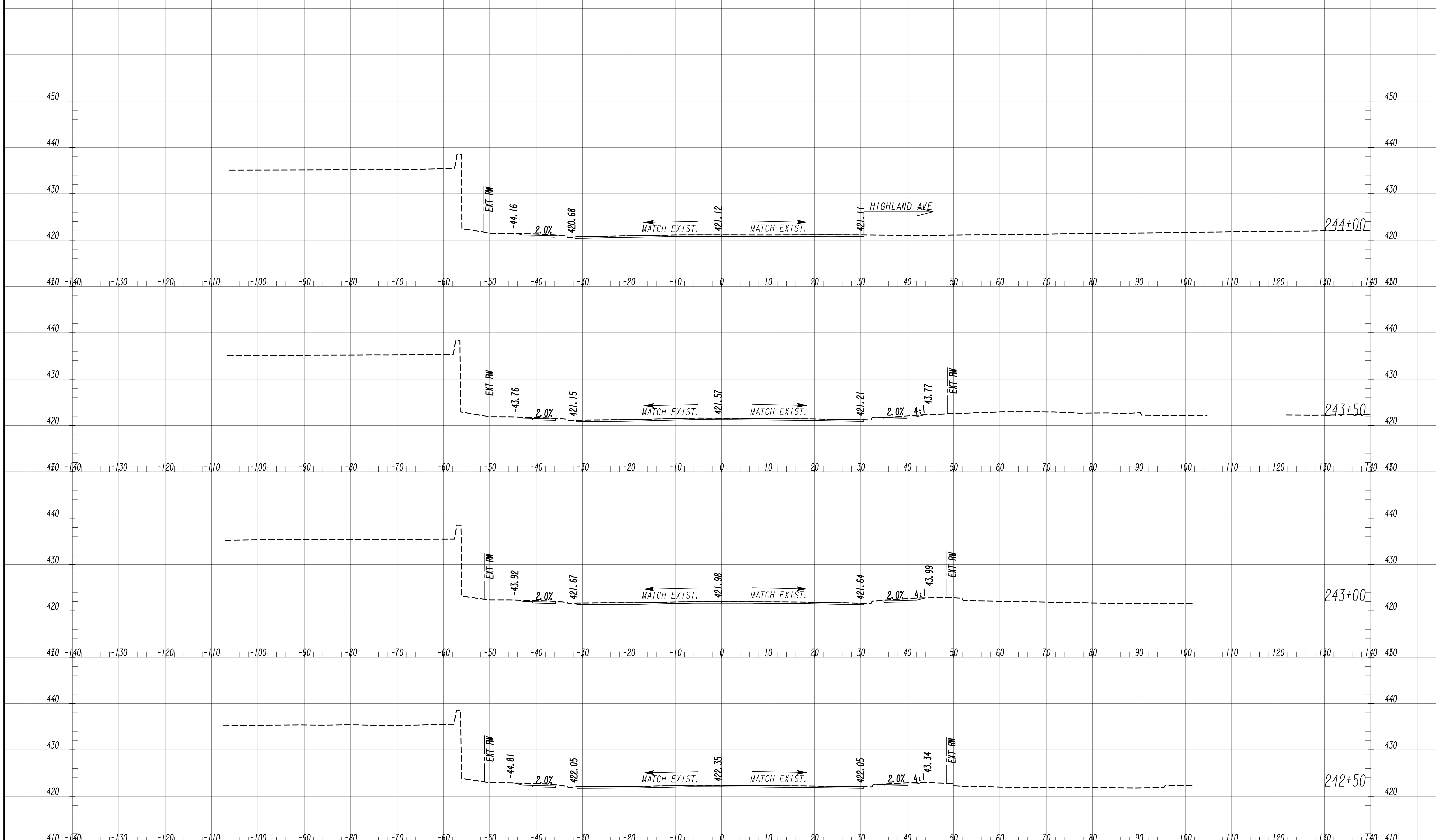
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SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0060</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



7/31/2015 GPLM

7/31/2015 GPLM

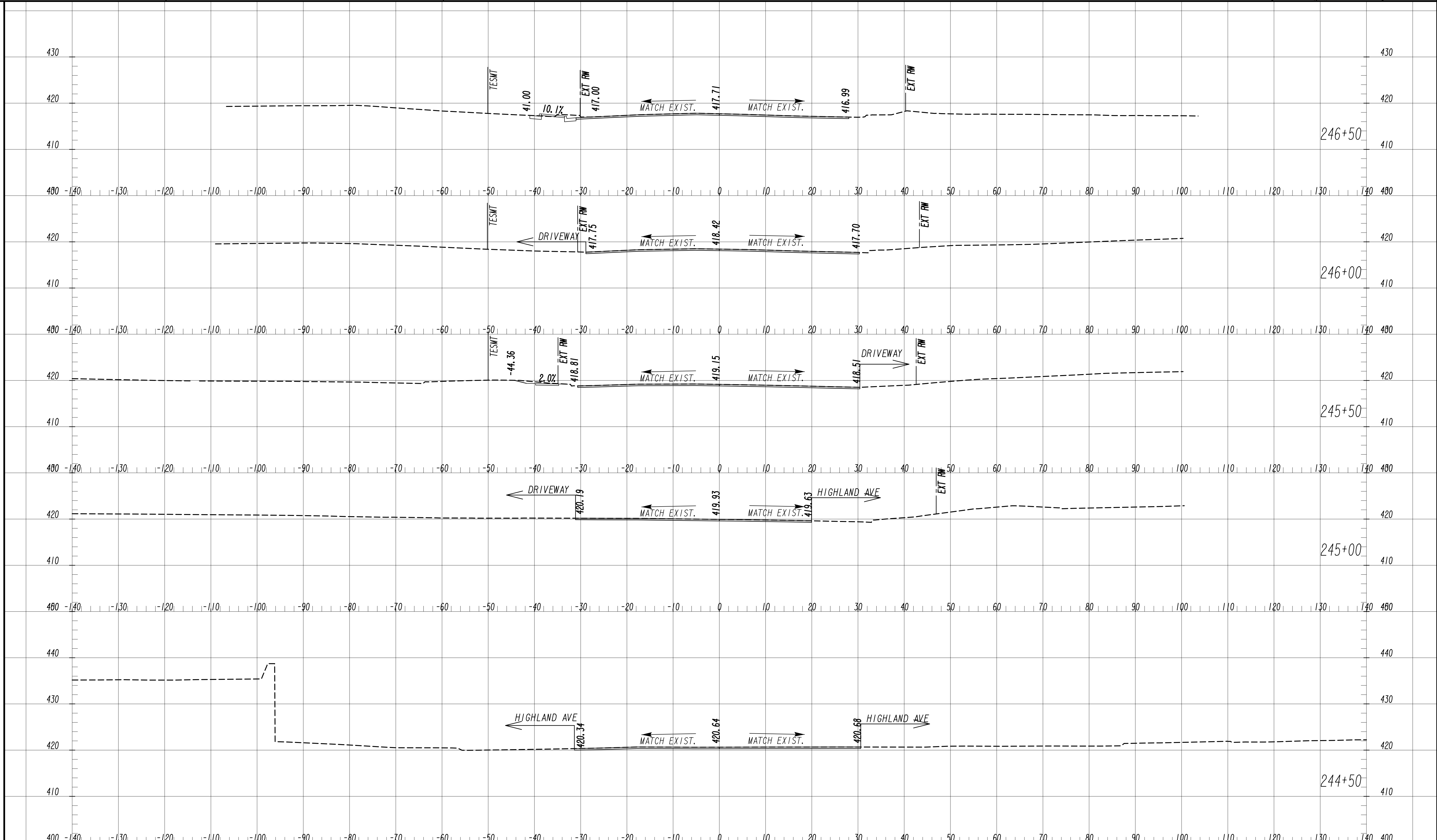
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**CHA**  
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SCALE: 1" = 10' VERT.  
 1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0061</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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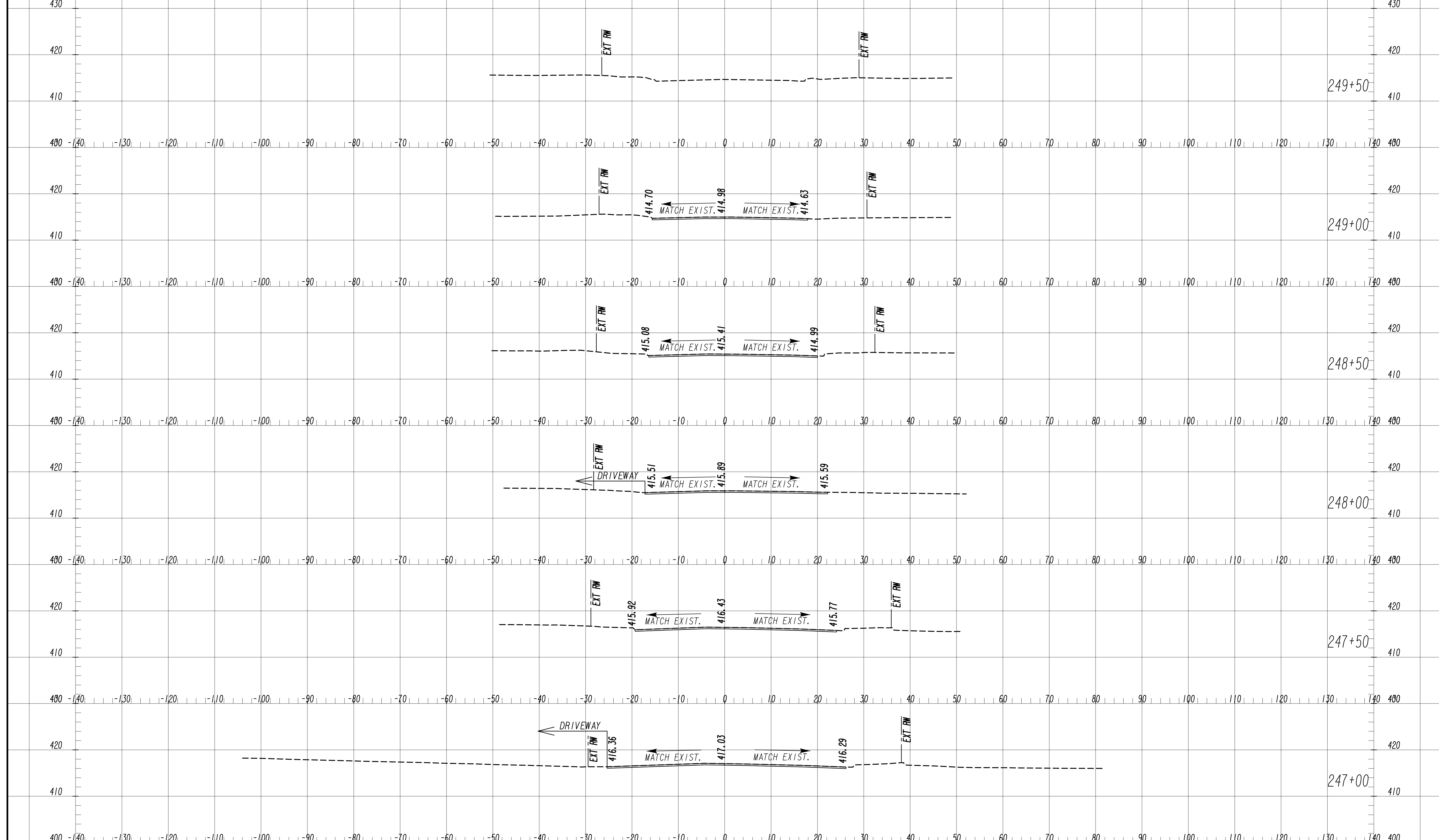
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SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0062</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



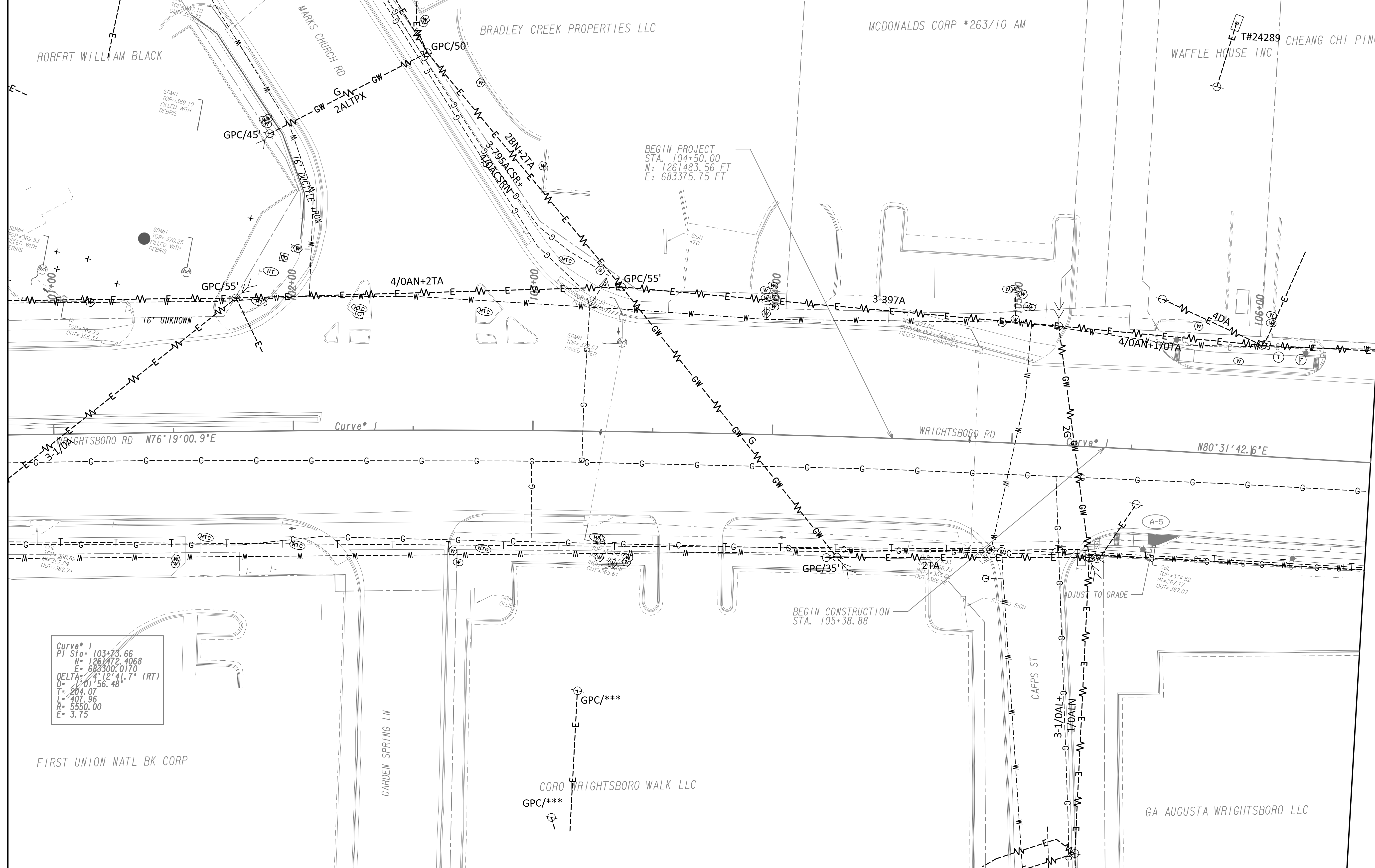
SCALE: 1" = 10' VERT.  
1" = 10' HORIZ.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>23-0063</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	





Curve\* I  
 PI Sta= 103+73.66  
 N= 1261472.4068  
 E= 683300.0170  
 DELTA= 41°12'41.7" (RT)  
 D= 1201'56.48"  
 L= 204.07  
 R= 407.96  
 E= 5550.00  
 E= 3.75

MATCH LINE STA. 106+50  
SEE DRAWING No. 24-0002

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

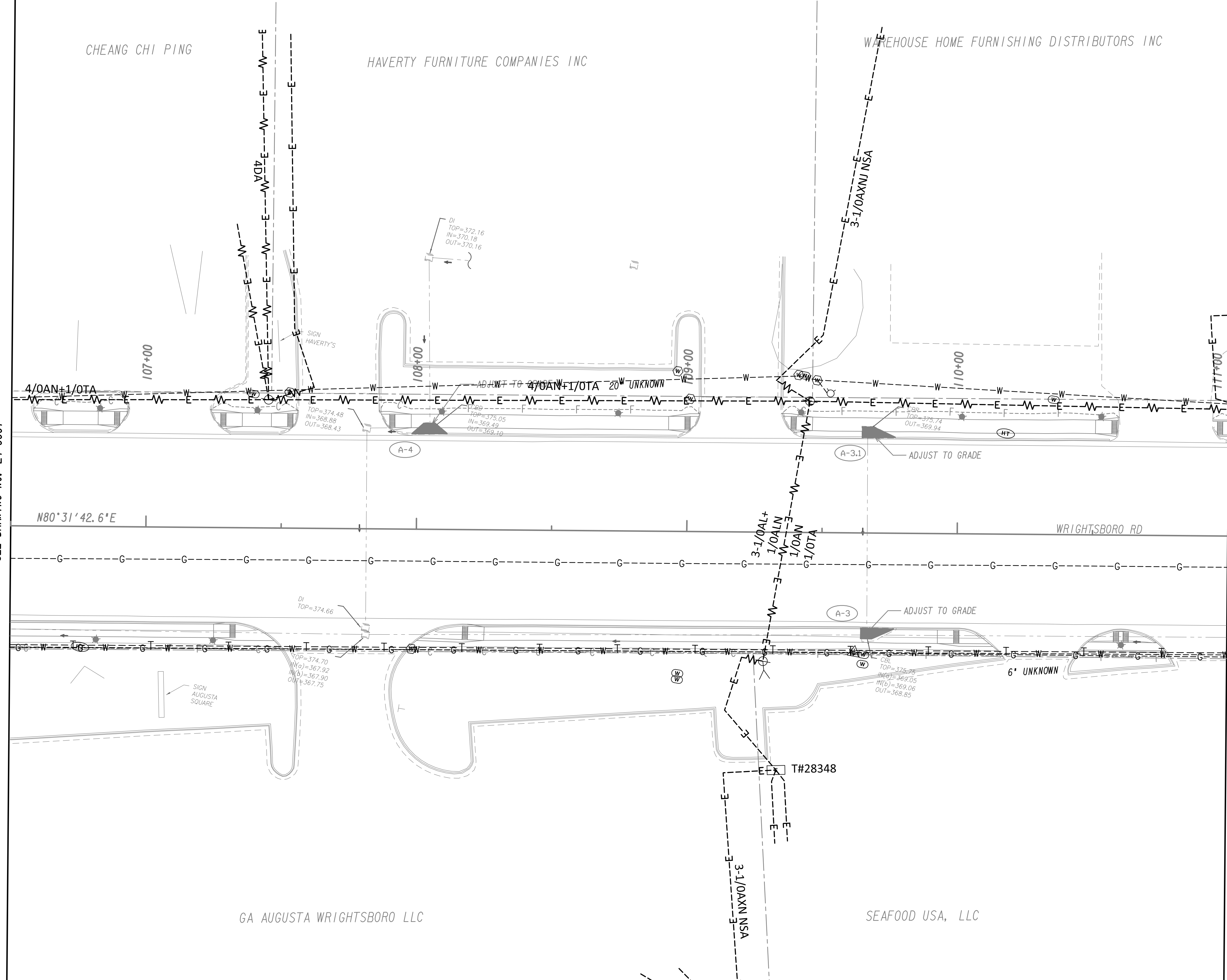


REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	





MATCH LINE STA. 106+50  
SEE DRAWING No. 24-0001

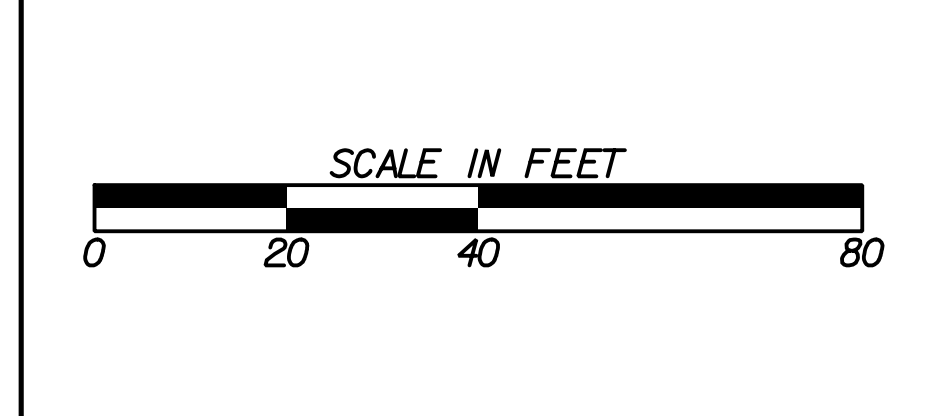
MATCH LINE STA. 111+00  
SEE DRAWING No. 24-0003

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

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

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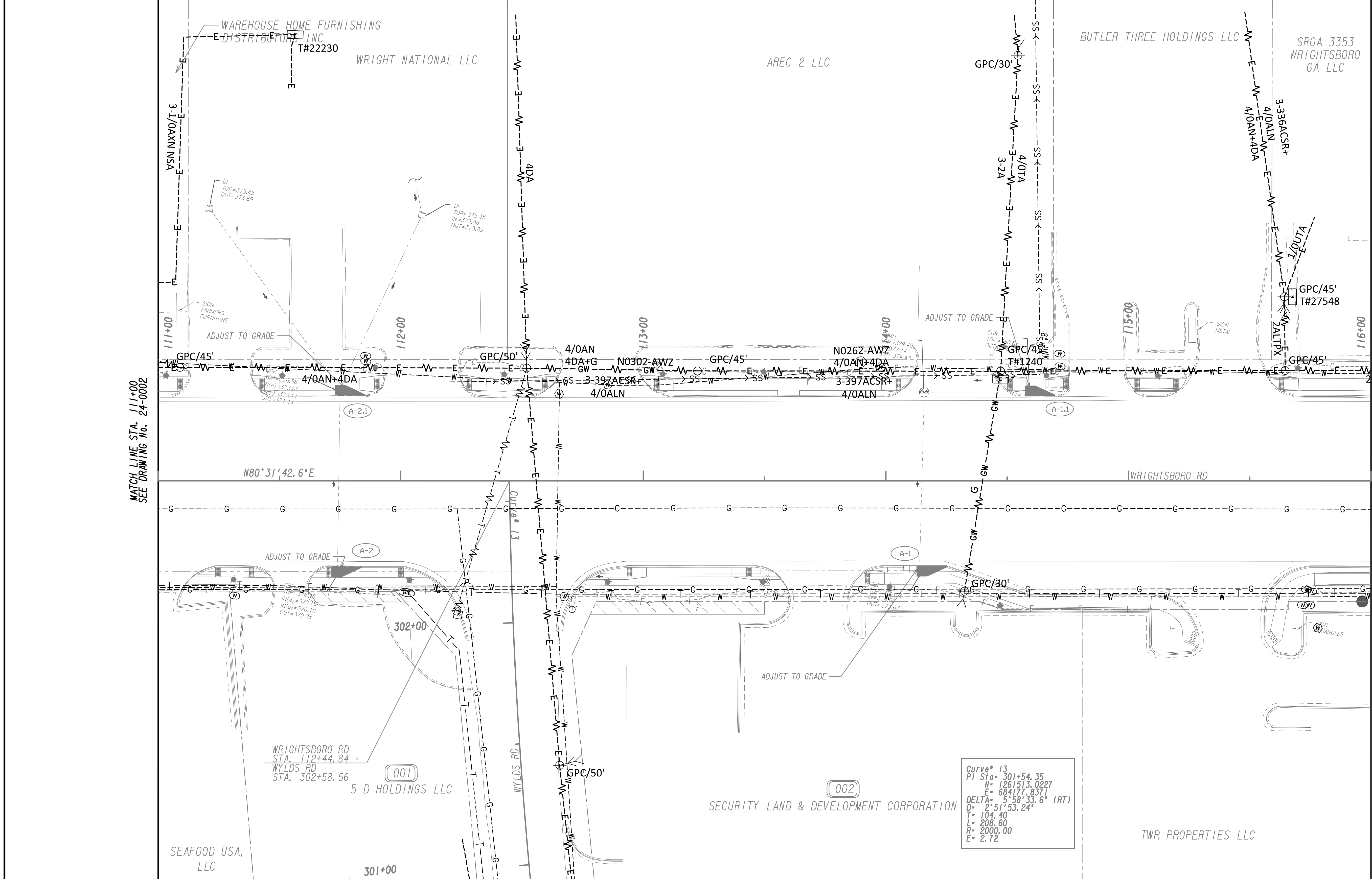
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**UTILITY PLANS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0002</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 111+00  
SEE DRAWING NO. 24-0002

MATCH LINE STA. 116+00  
SEE DRAWING NO. 24-0004

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

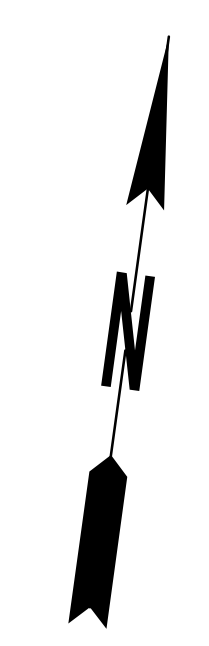
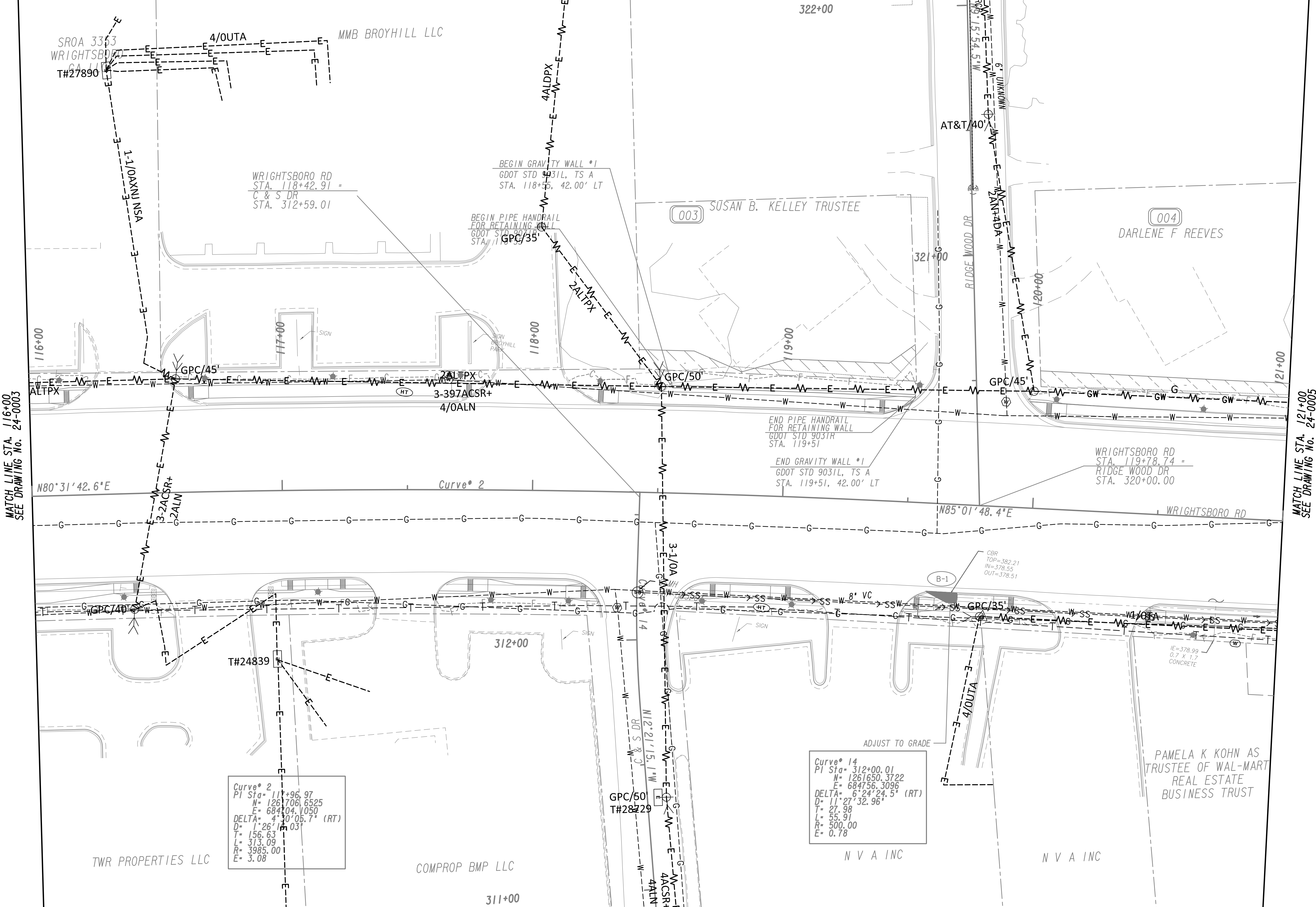
— P — BEGIN LIMIT OF ACCESS.....BLA  
— E — END LIMIT OF ACCESS.....ELA  
— G — F — LIMIT OF ACCESS  
— H — H — REQ'D R/W & LIMIT OF ACCESS  
— I — I — ORANGE BARRIER FENCE  
— J — J — ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0003</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 116+00  
SEE DRAWING NO. 24-0003

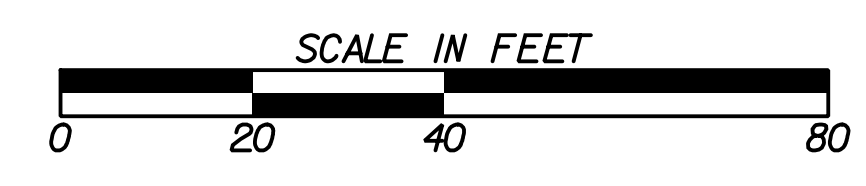
MATCH LINE STA. 121+00  
SEE DRAWING NO. 24-0005

Curve\* 2  
PI Sta= 117+96.97  
N= 1261706.6525  
E= 684104.1050  
DELTA= 41° 40' 05.7" (RT)  
D= 126.63  
L= 313.09  
R= 3985.00  
E= 3.08

Curve\* 14  
PI Sta= 312+00.01  
N= 1261650.3722  
E= 684756.3096  
DELTA= 6° 24' 24.5" (RT)  
D= 11' 27" 32.96"  
L= 27.98  
R= 500.00  
E= 0.78

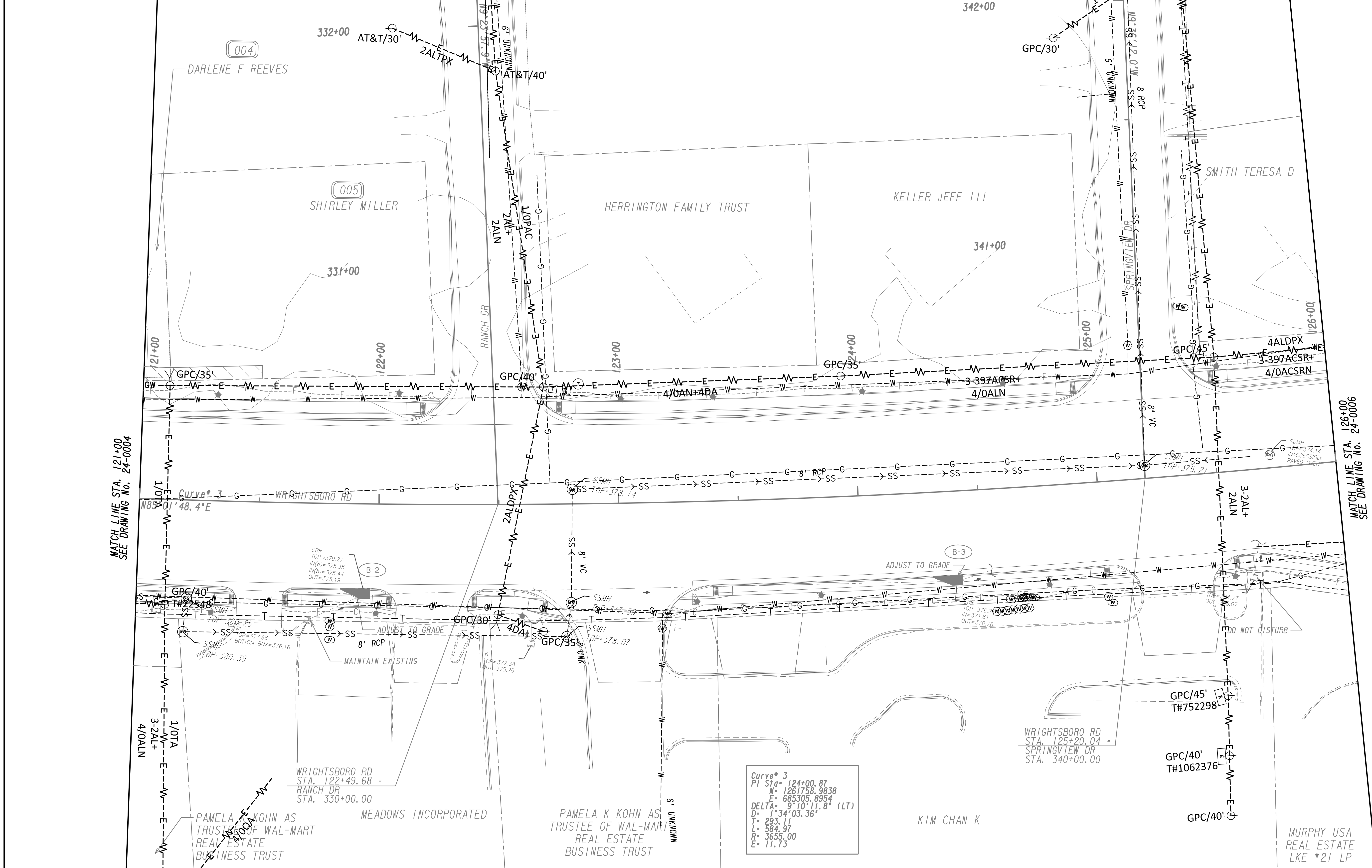
PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

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



REVISION DATES	

UTILITY PLANS WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	24-0004	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



MATCH LINE STA. 121+00  
SEE DRAWING No. 24-0004

MATCH LINE STA. 126+00  
SEE DRAWING No. 24-0006

Curve # 3  
 PI Sta = 124+00.87  
 W = 1261758.9838  
 E = 685305.8954  
 DELTA = 9°10'11.8" (LT)  
 D = 1°34'03.36"  
 T = 293.11  
 L = 584.97  
 R = 3653.00  
 E = 11.73

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

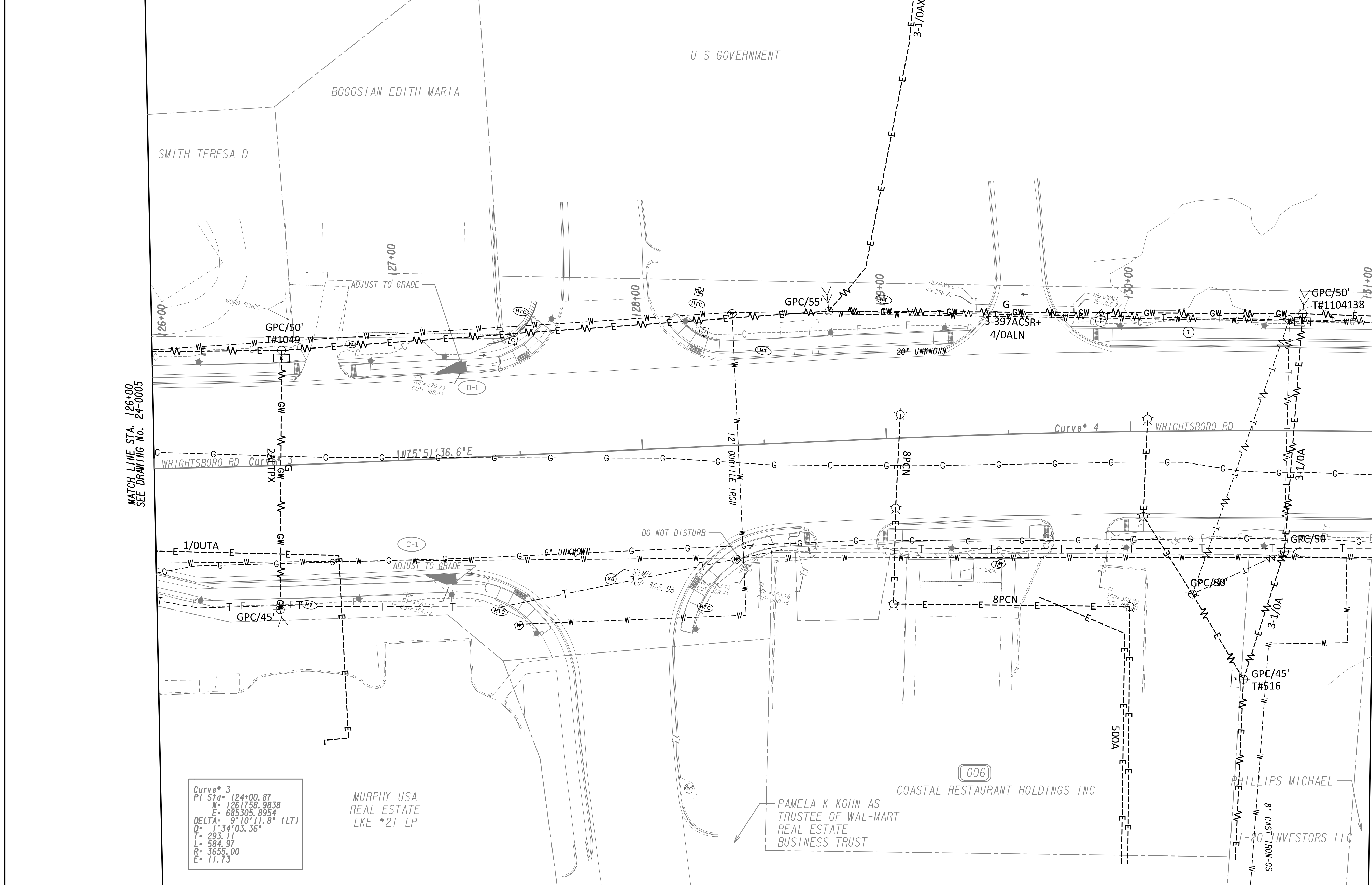
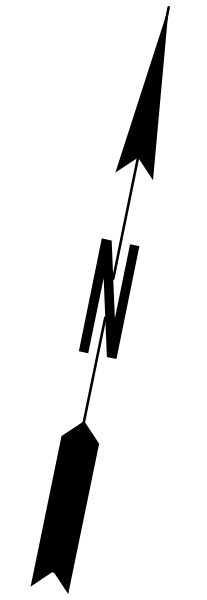


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REVISION DATES	

<b>UTILITY PLANS</b> WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	24-0005	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



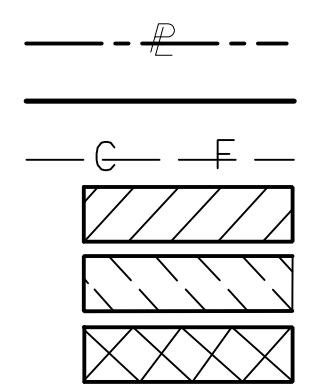
MATCH LINE STA. 126+00  
SEE DRAWING No. 24-0005

MATCH LINE STA. 131+00  
SEE DRAWING No. 24-0007

Curve 3

PI Sta	= 124+00.87
N	= 1261758.9838
E	= 685305.8954
DELTA	= 9°10'11.8" (LT)
D	= 34'03.36"
T	= 293.11
L	= 584.97
R	= 3655.00
E	= 11.73

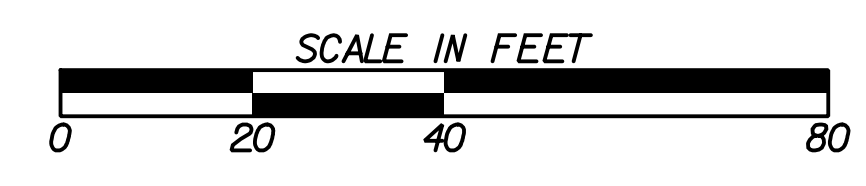
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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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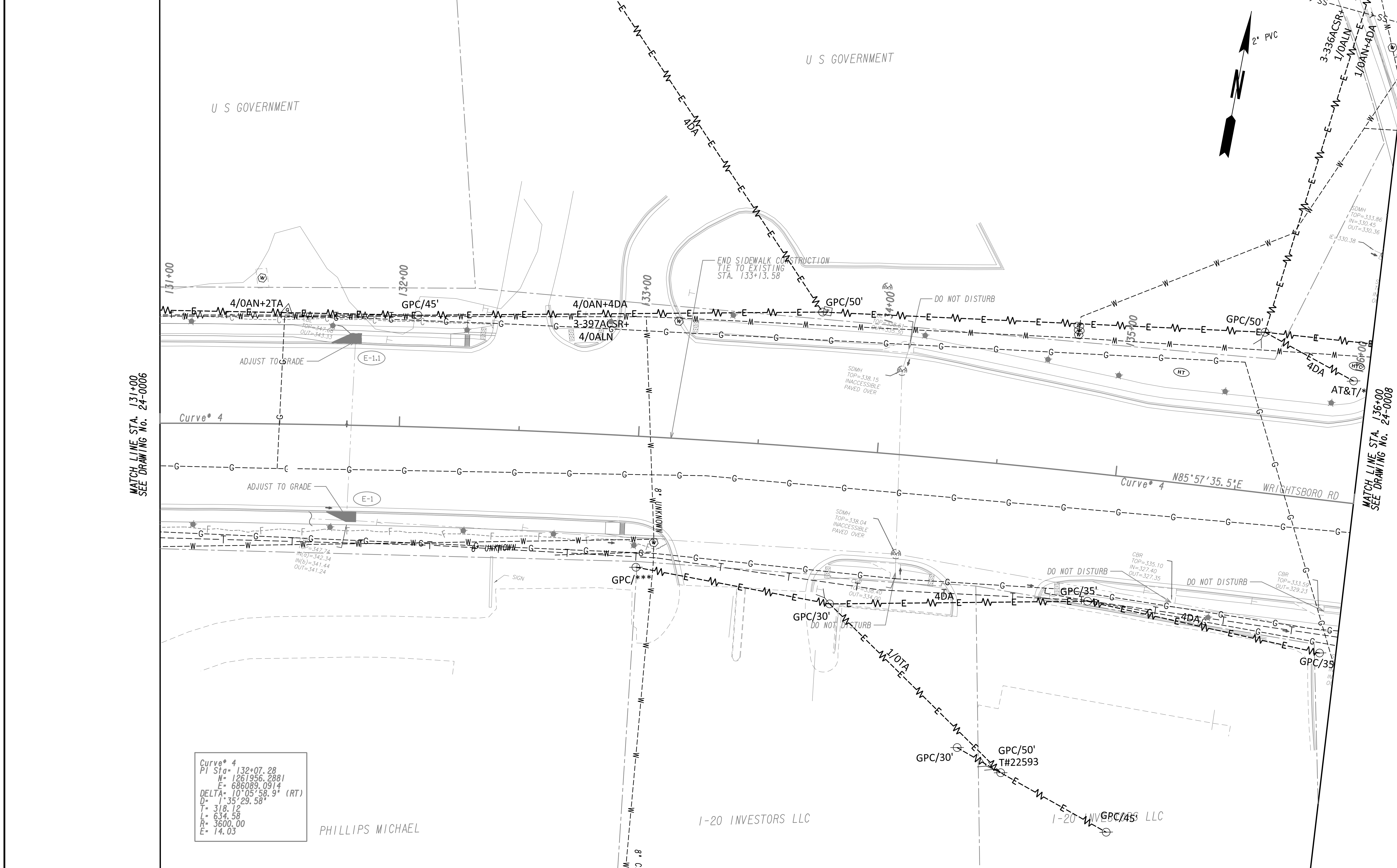
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**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0006</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 131+00  
SEE DRAWING NO. 24-0006

MATCH LINE STA. 136+00  
SEE DRAWING NO. 24-0008

Curve\* 4  
PI Sta= 132+07.28  
N= 1261956.2881  
E= 686089.0914  
DELTA= 10°05'58.9" (RT)  
D= 1'35"29.58"  
T= 318.12  
L= 634.58  
R= 3600.00  
E= 14.03

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

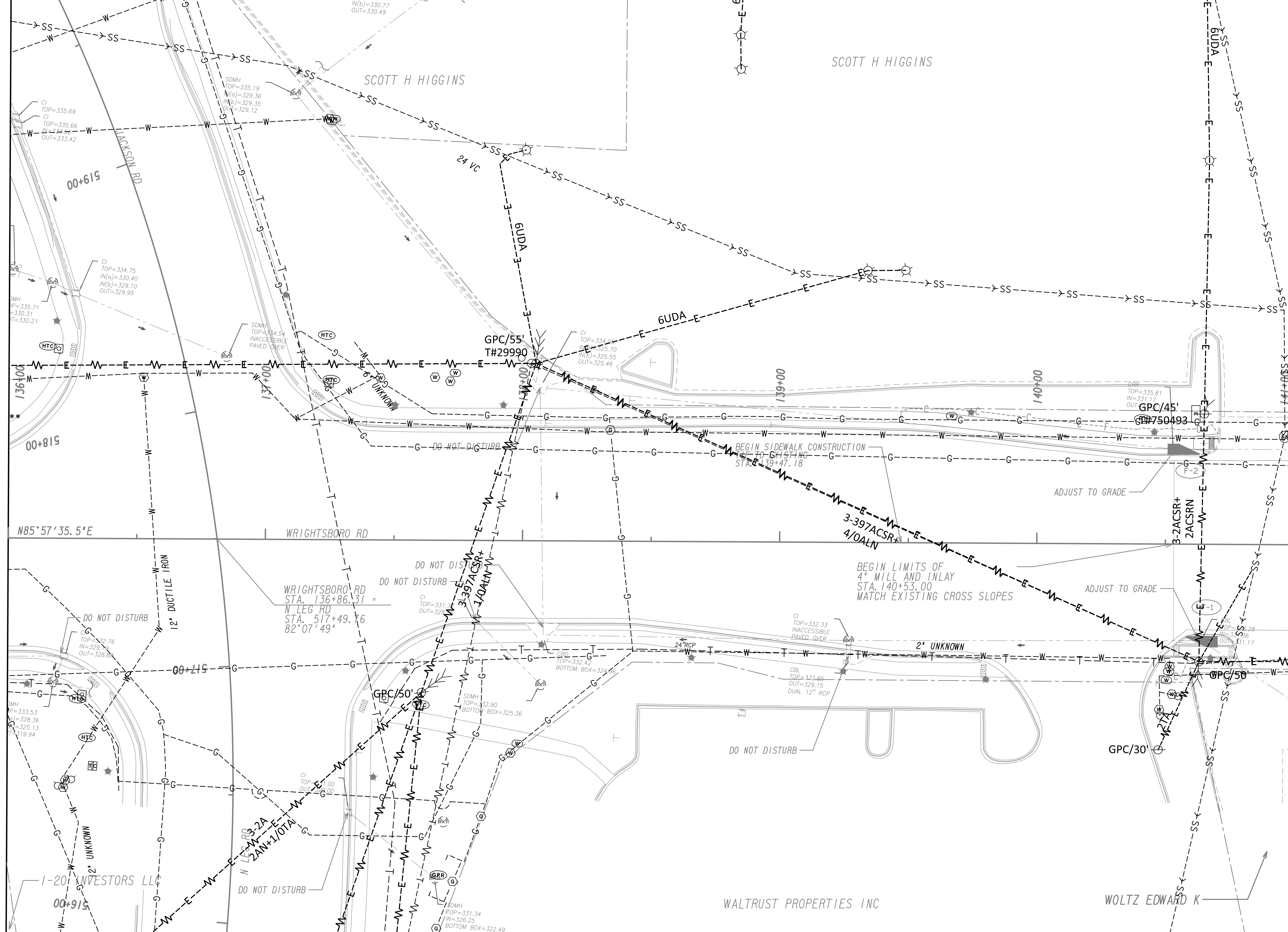
BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0007
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 136+00  
SEE DRAWING NO. 24-0007

MATCH LINE STA. 141+00  
SEE DRAWING NO. 24-0009



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

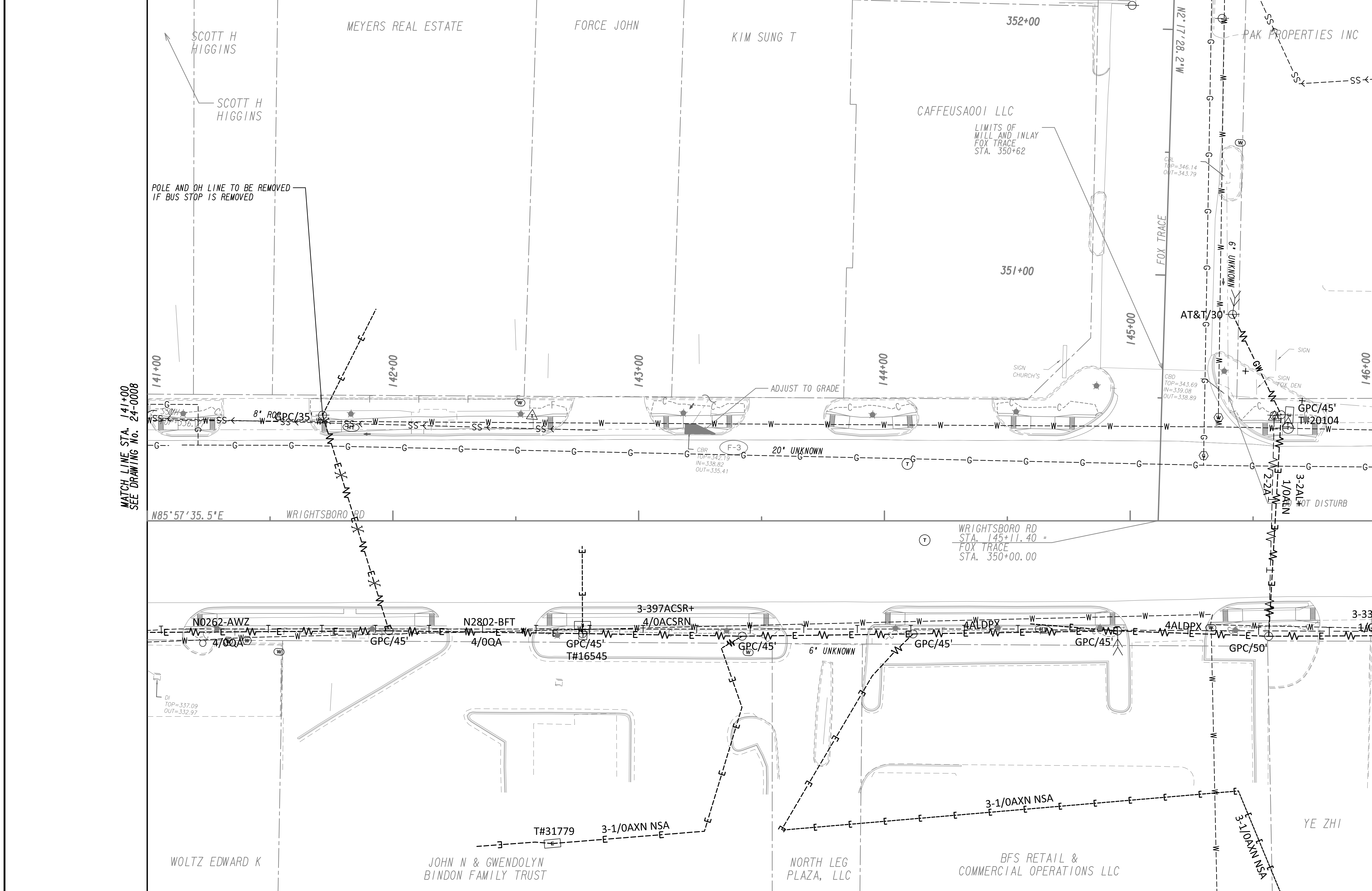
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0008</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

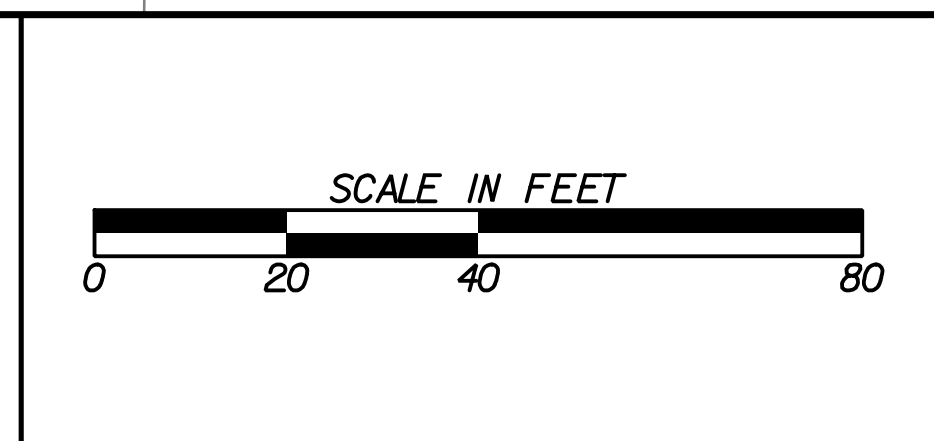


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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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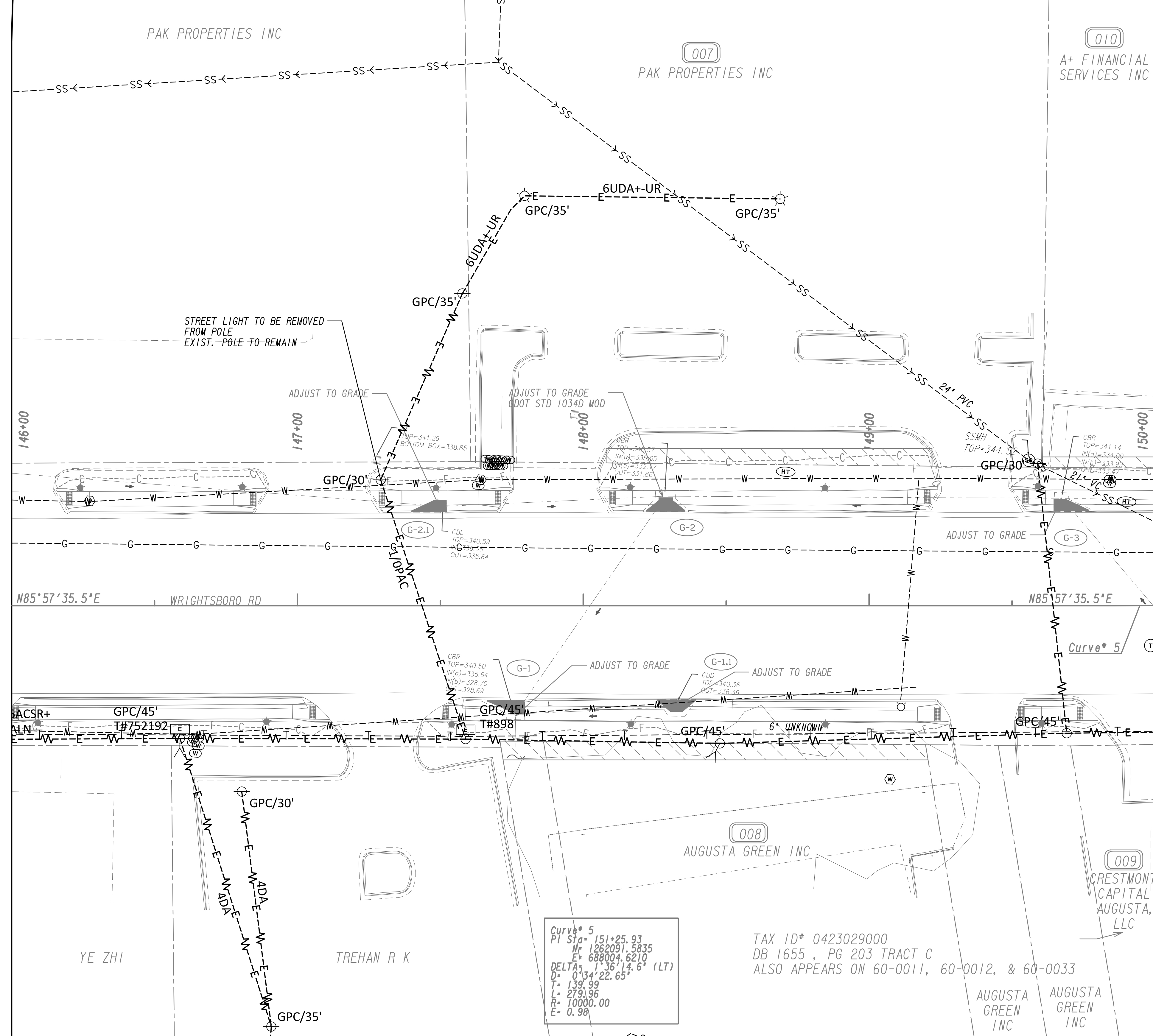
REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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

DRAWING No. 24-0009





MATCH LINE STA. 146+00  
SEE DRAWING NO. 24-0009

MATCH LINE STA. 150+00  
SEE DRAWING NO. 24-0011

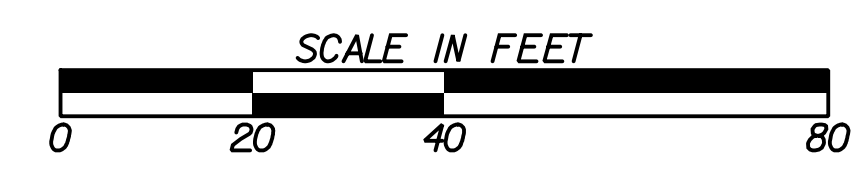


PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

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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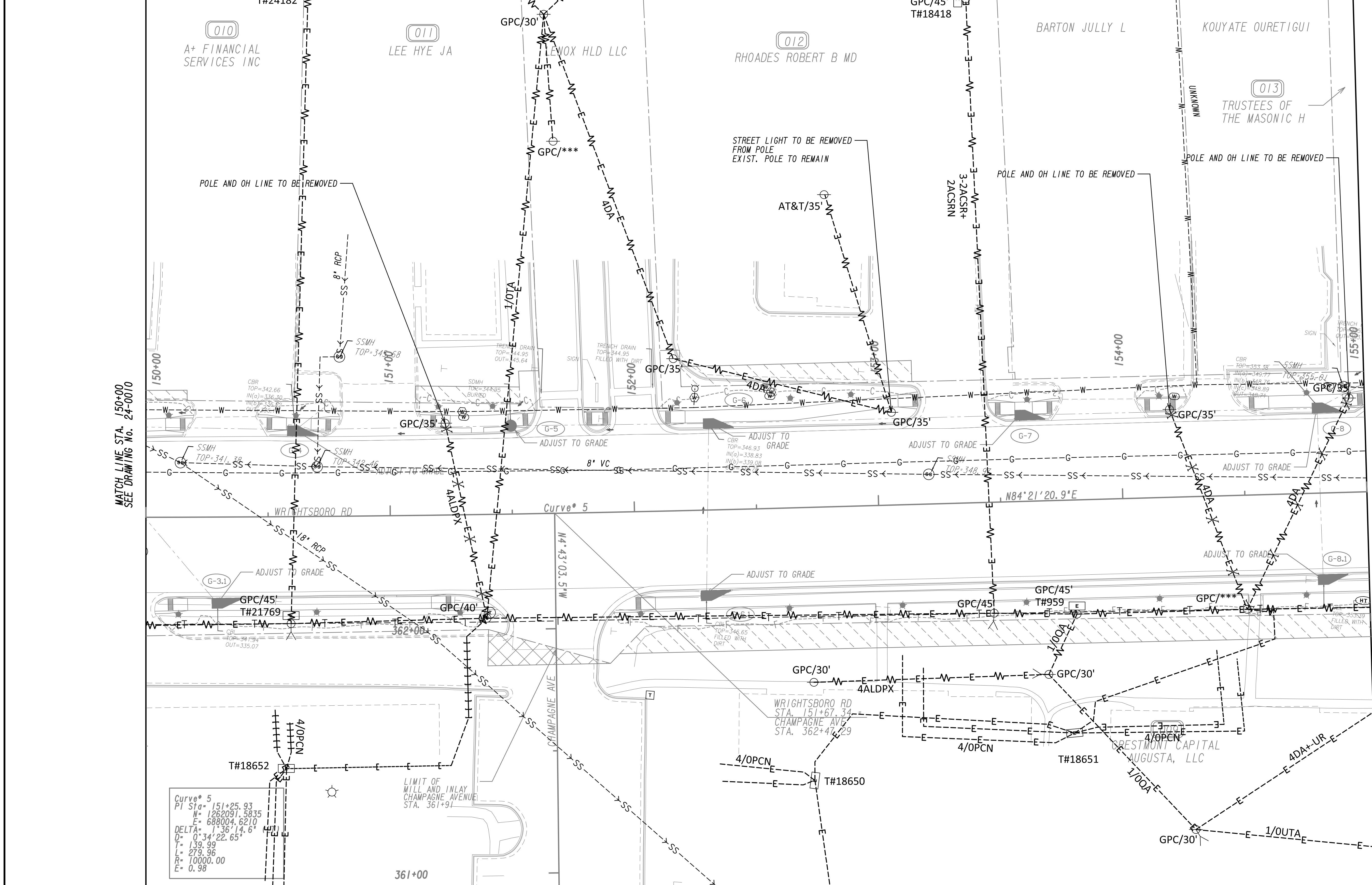
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**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0010</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 150+00  
SEE DRAWING No. 24-0010

MATCH LINE STA. 155+00  
SEE DRAWING No. 24-0012



Curve\* 5  
 PI Sta= 151+25.93  
 N= 1262091.5835  
 E= 688004.6210  
 DELTA= 1°36'14.6"  
 D= 0°34'22.65"  
 T= 139.99  
 L= 279.98  
 R= 10000.00  
 E= 0.98

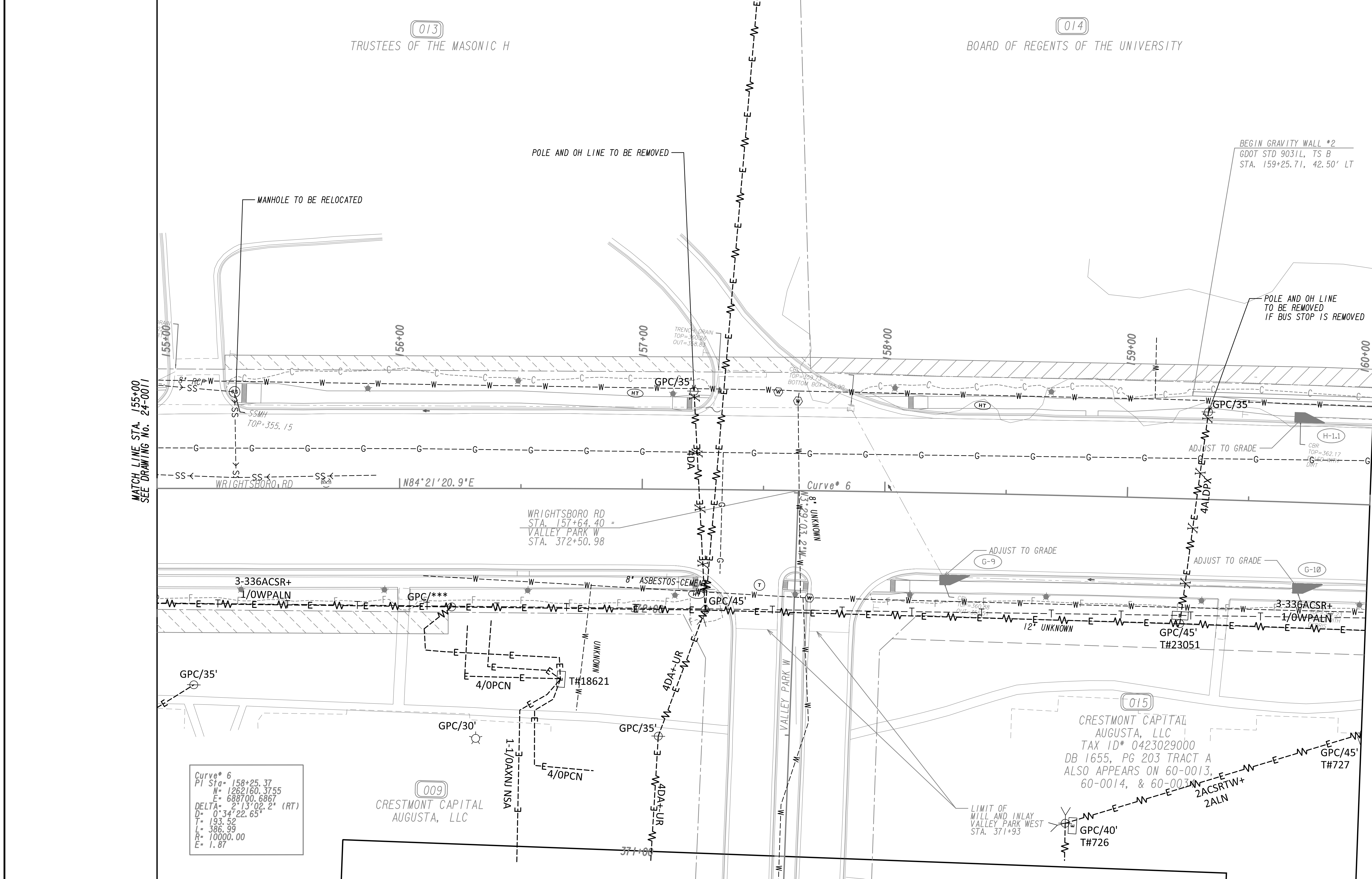
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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)



REVISION DATES	

UTILITY PLANS WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			24-0011



MATCH LINE STA. 155+00  
SEE DRAWING No. 24-0011

MATCH LINE STA. 160+00  
SEE DRAWING No. 24-0013



Curve\* 6

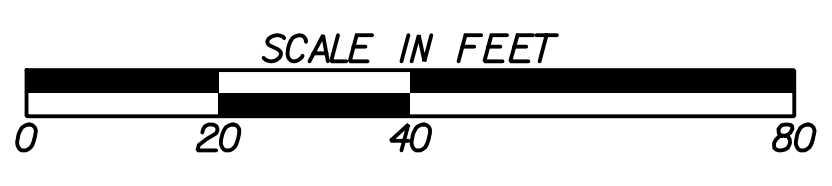
PI Sta	= 158+25.37
N	= 1262160.3755
E	= 688700.6867
DELTA	= 2°13'02.2" (RT)
D	= 0°34'22.65"
L	= 193.52
R	= 10000.00
E	= 1.87

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

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0012</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



POLES NOTED AS SERVING BUS SHELTERS MAY BE REMOVED AT SUCH TIME AS THE CONVERSION TO SOLAR BUS SHELTERS IS MADE. RELOCATION IS NOT INCLUDED AS PART OF THIS PROJECT.

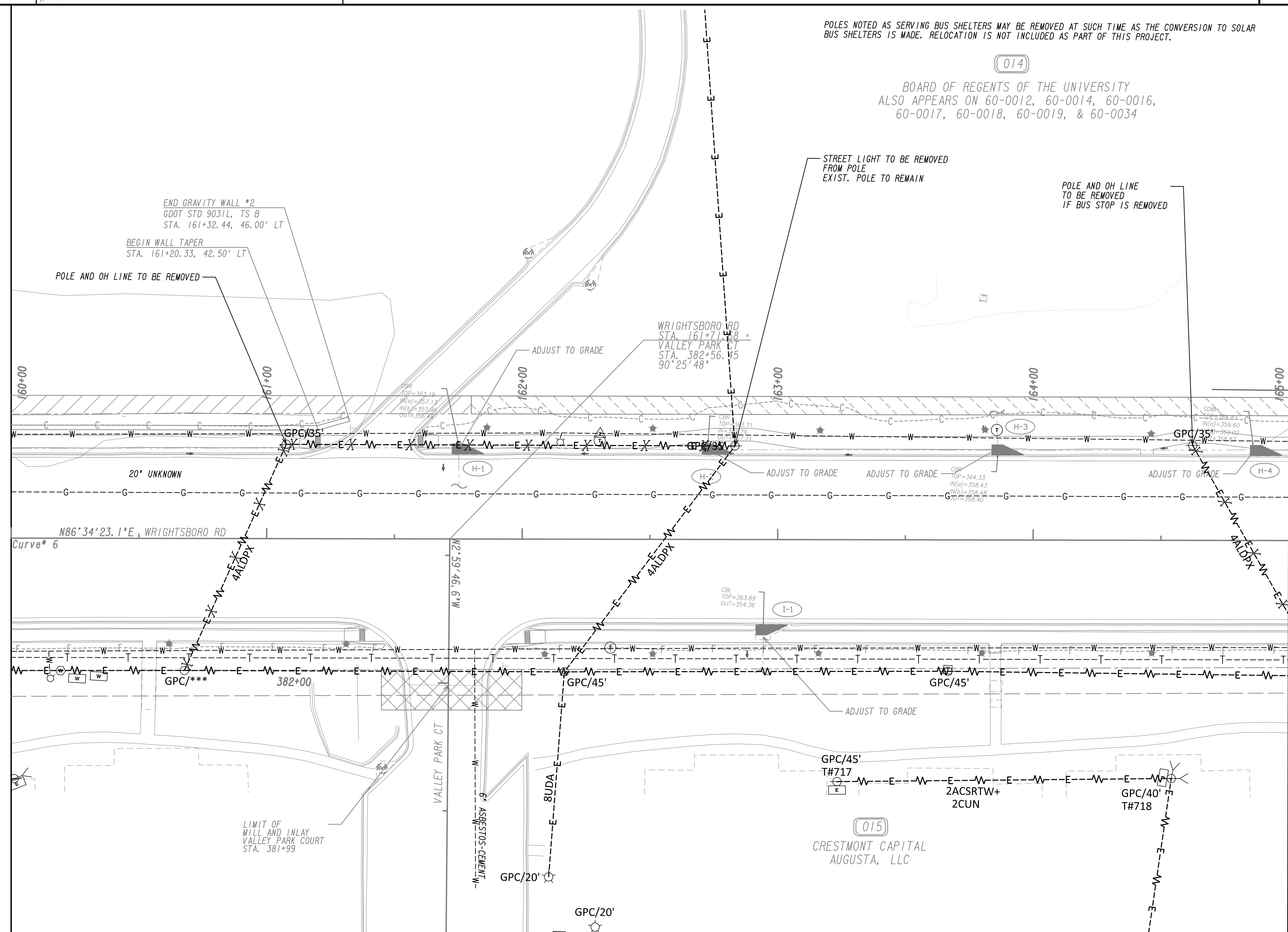
(014)

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 ALSO APPEARS ON 60-0012, 60-0014, 60-0016,  
 60-0017, 60-0018, 60-0019, & 60-0034

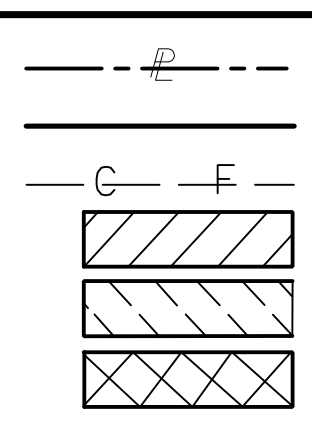


MATCH LINE STA. 160+00  
 SEE DRAWING NO. 24-0012

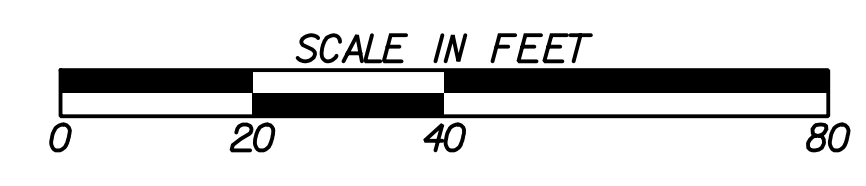
MATCH LINE STA. 165+00  
 SEE DRAWING NO. 24-0014



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



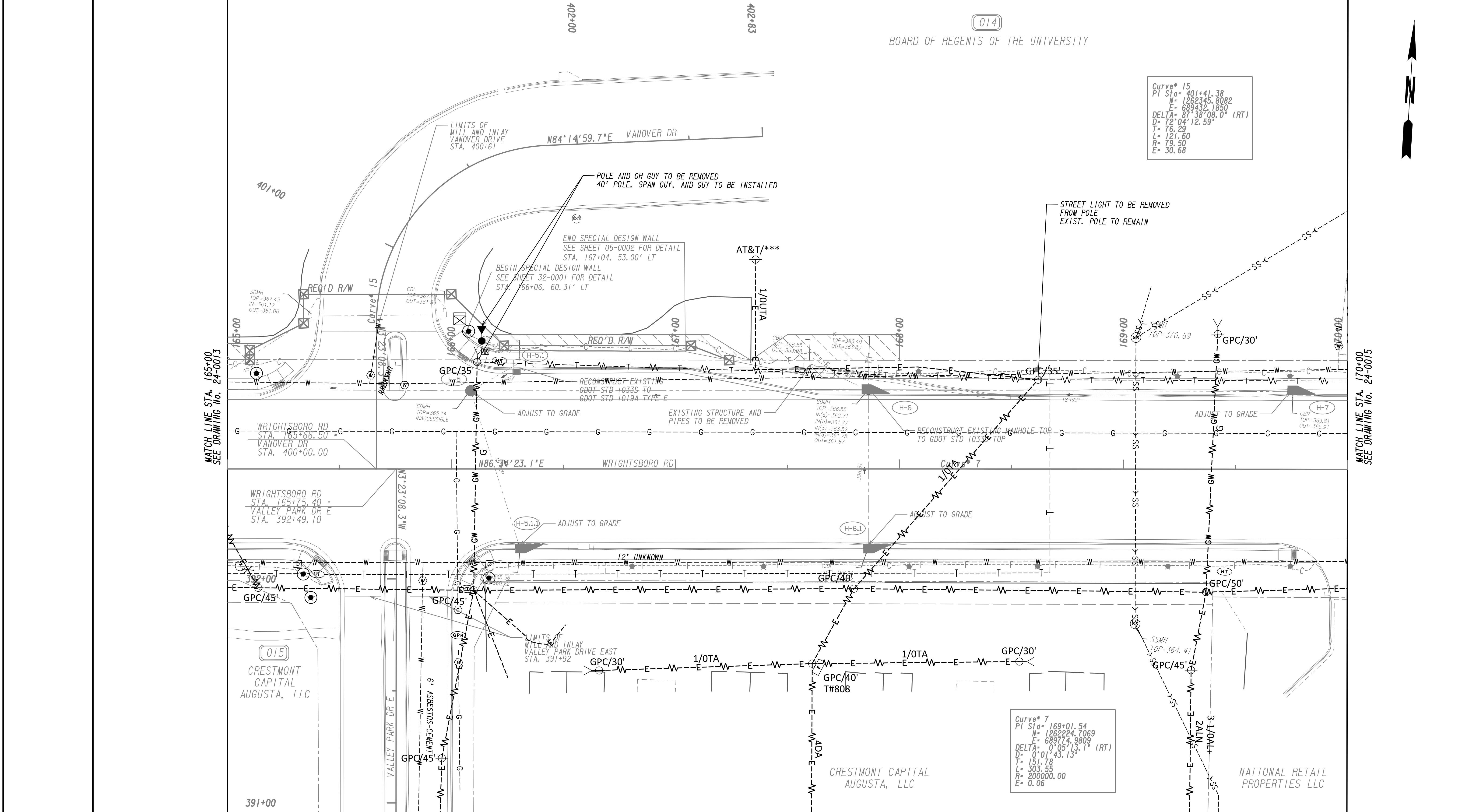
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0013</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Curve 15  
 PI Sta= 401+41.38  
 N= 1262345.8082  
 E= 689432.1850  
 DELTA= 87°38'08.0" (RT)  
 D= 72°04'12.59"  
 T= 76.29  
 L= 121.60  
 R= 19.50  
 E= 30.68

Curve 7  
 PI Sta= 169+01.54  
 N= 1262224.7069  
 E= 689774.9809  
 DELTA= 0°05'13.1" (RT)  
 D= 0°01'43.13"  
 T= 151.78  
 L= 303.55  
 R= 200000.00  
 E= 0.06

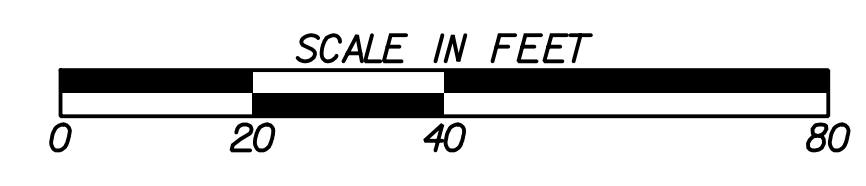


MATCH LINE STA. 165+00  
SEE DRAWING NO. 24-0013

MATCH LINE STA. 170+00  
SEE DRAWING NO. 24-0015

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



REVISION DATES	

UTILITY PLANS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			24-0014



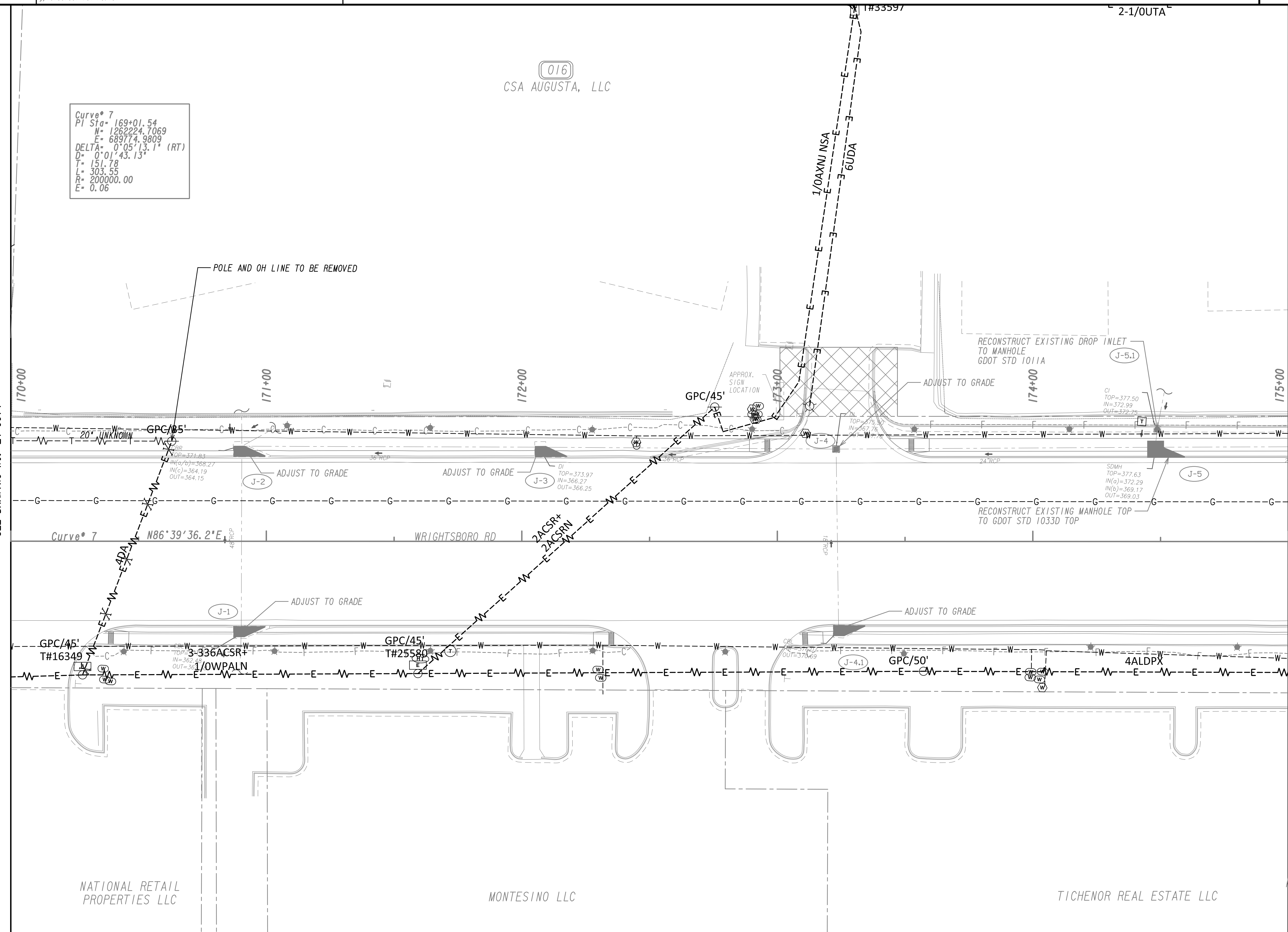
Curve\* 7  
 PI Sta= 169+01.54  
 N= 1262224.7069  
 E= 689774.9809  
 DELTA= 0°05'13.1" (RT)  
 D= 0°01'43.13"  
 T= 151.78  
 L= 303.55  
 R= 20000.00  
 E= 0.06

(016)  
 CSA AUGUSTA, LLC

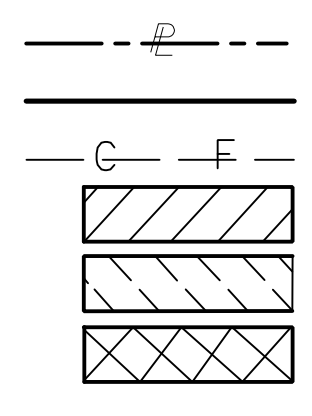


MATCH LINE STA. 170+00  
SEE DRAWING No. 24-0014

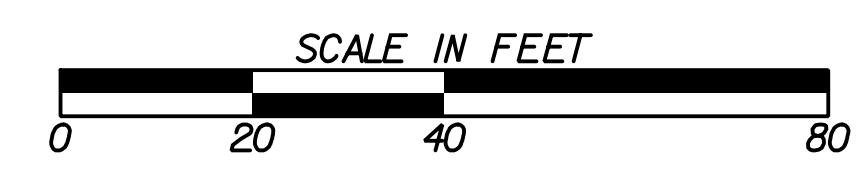
MATCH LINE STA. 175+00  
SEE DRAWING No. 24-0016



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



REVISION DATES	

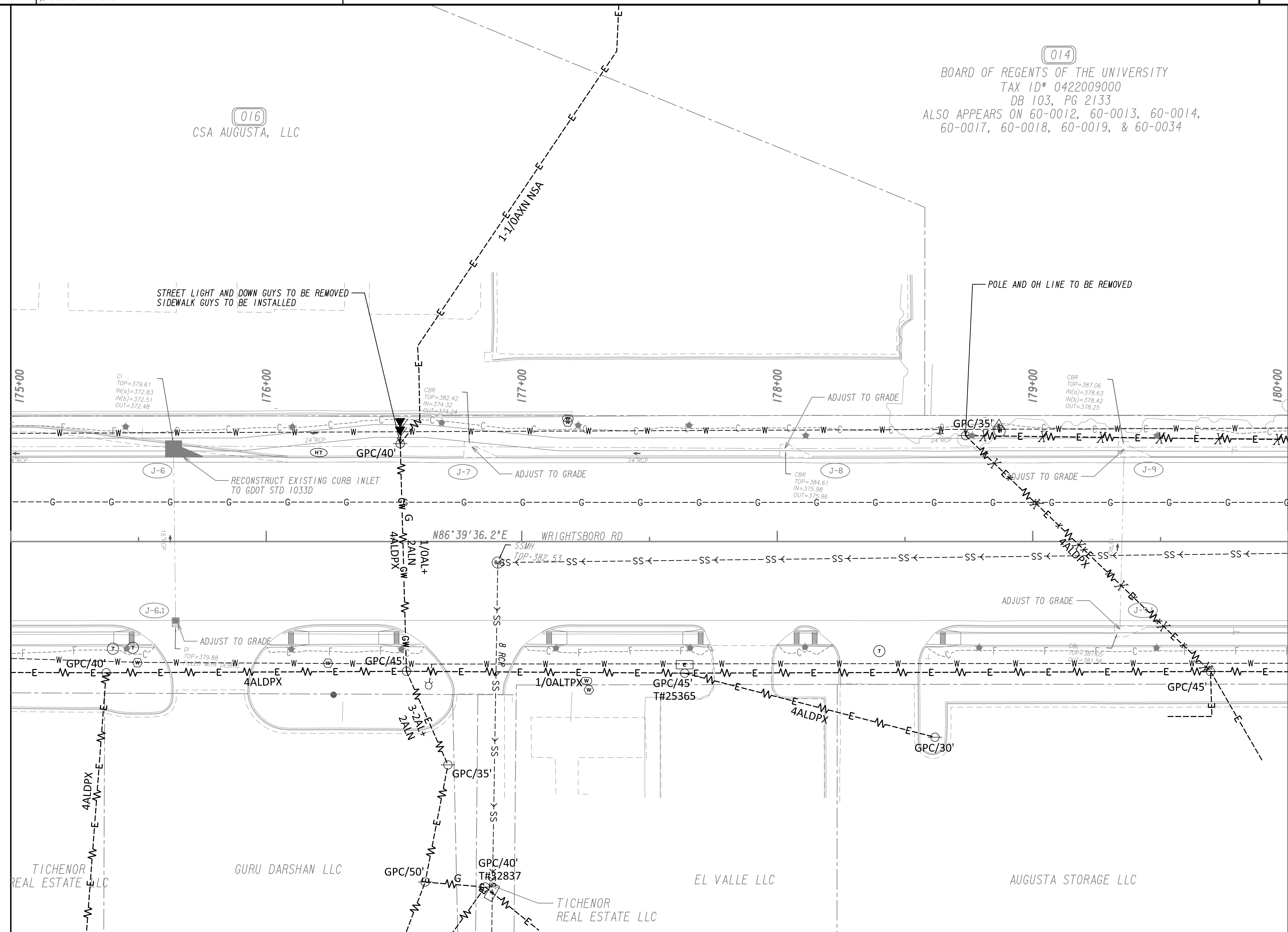
**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0015
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 175+00  
SEE DRAWING NO. 24-0015

MATCH LINE STA. 180+00  
SEE DRAWING NO. 24-0017



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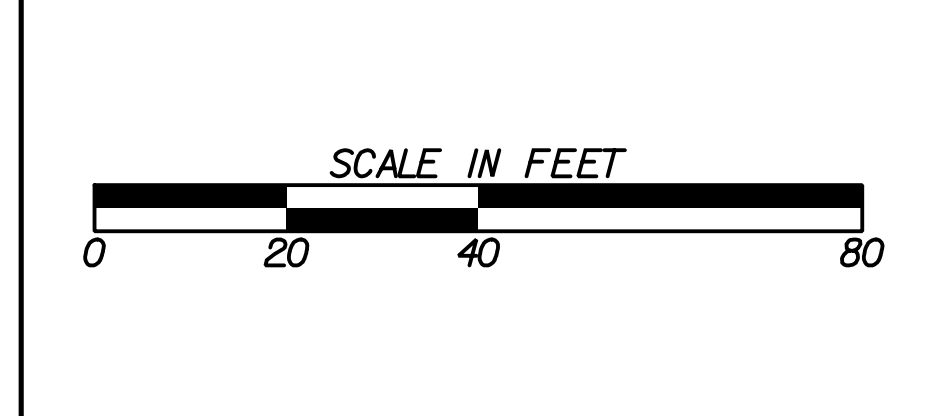


PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

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)

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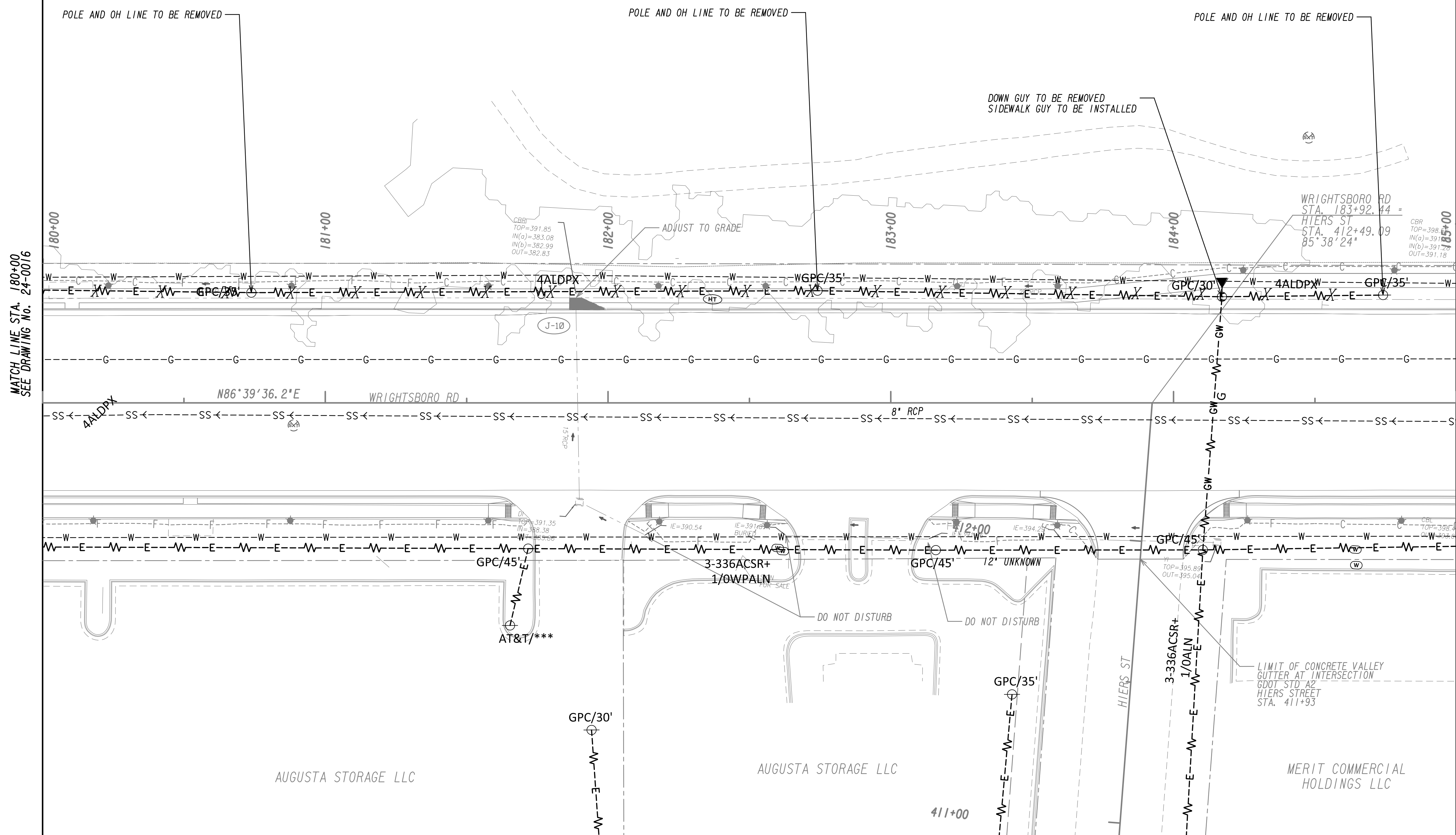
REVISION DATES	

**UTILITY PLANS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0016</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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 60-0016, 60-0018, 60-0019, & 60-0034



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

--- P --- BEGIN LIMIT OF ACCESS.....BLA  
 --- E --- END LIMIT OF ACCESS.....ELA  
 --- G --- F --- LIMIT OF ACCESS  
 --- C --- REQ'D R/W & LIMIT OF ACCESS  
 [Hatched Box] ORANGE BARRIER FENCE  
 [Dotted Box] ESA - ENV. SENSITIVE AREA  
 [Triangle Box] (SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

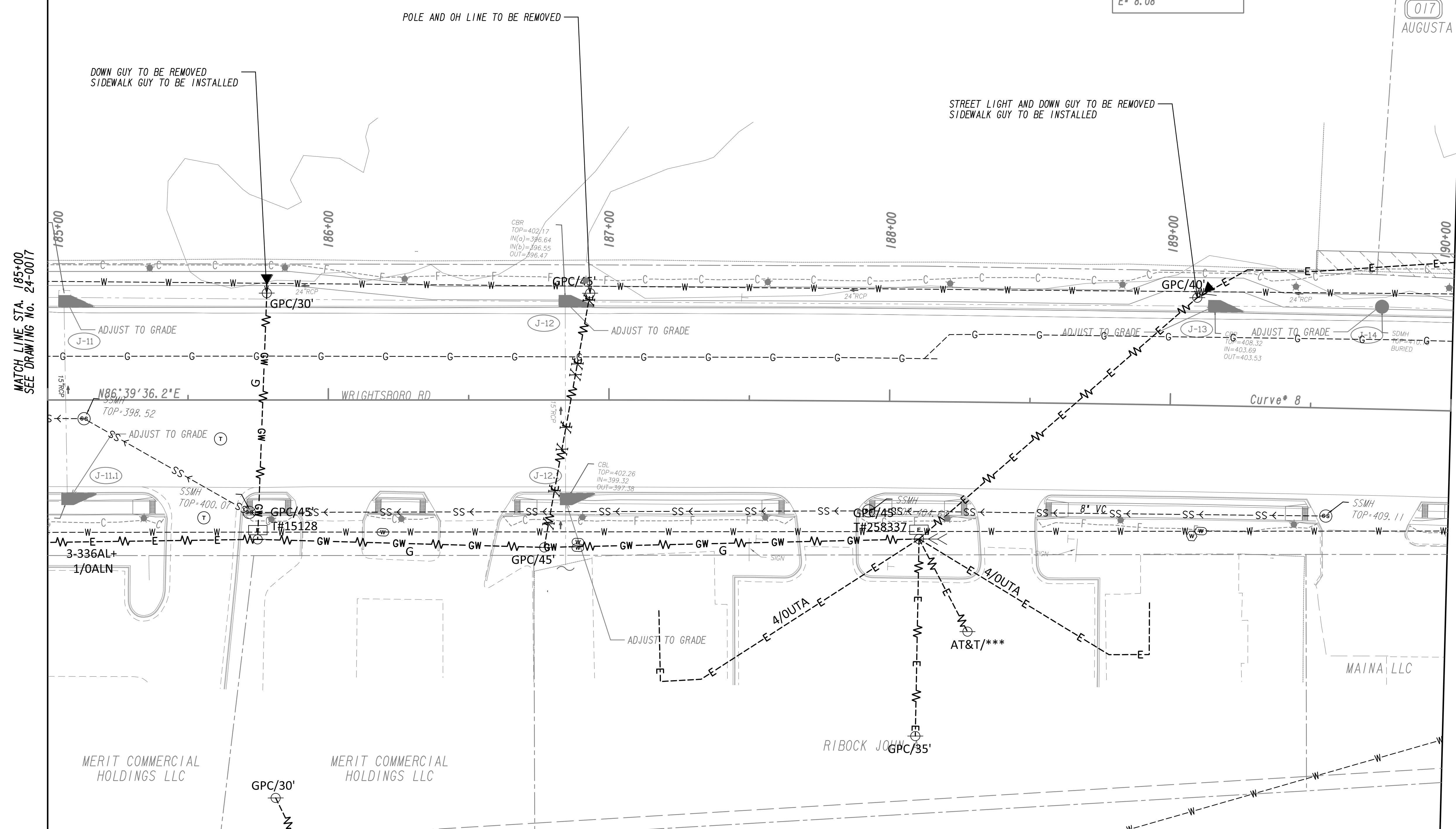
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0017
CORRECTED:	DATE:	
VERIFIED:	DATE:	





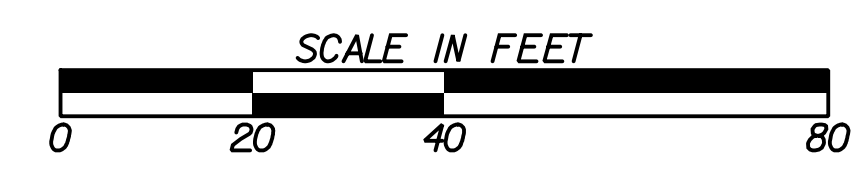
014 BOARD OF REGENTS OF THE UNIVERSITY

Curve\* 8  
 PI Sta= 191+34.33  
 W= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0°28'38.87"  
 T= 440.38  
 L= 880.36  
 R= 12000.00  
 E= 8.08



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

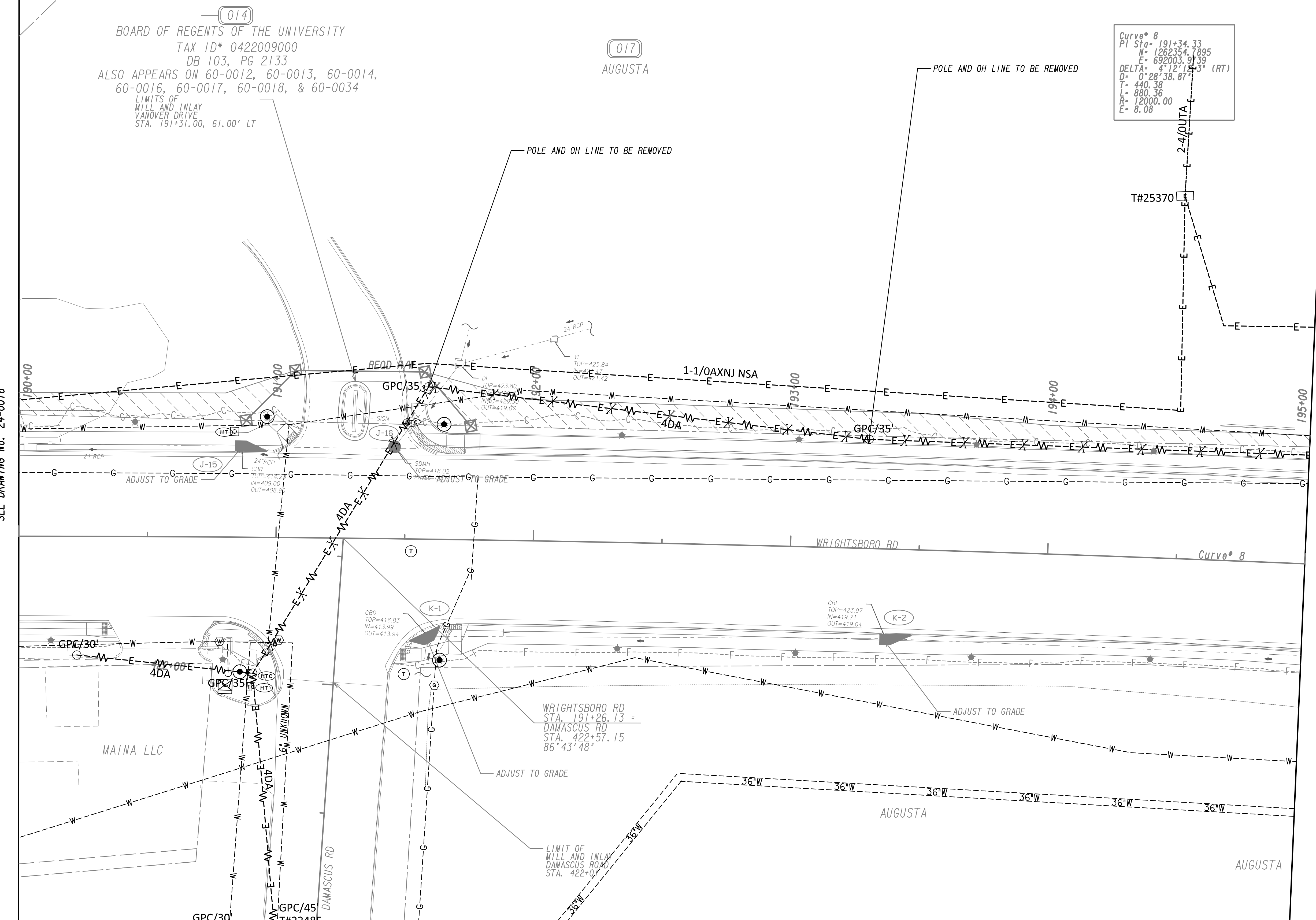
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

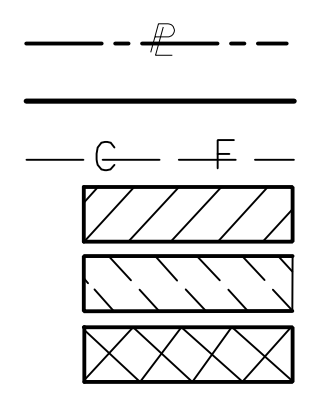
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0018
CORRECTED:	DATE:	
VERIFIED:	DATE:	



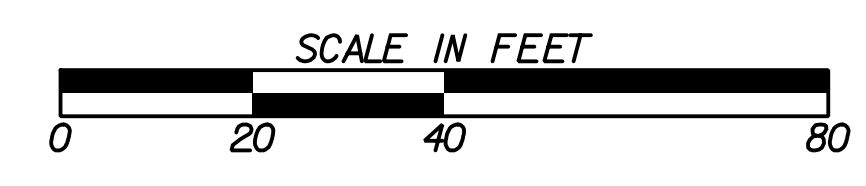
MATCH LINE STA. 190+00  
SEE DRAWING NO. 24-0018

MATCH LINE STA. 195+00  
SEE DRAWING NO. 24-0020

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



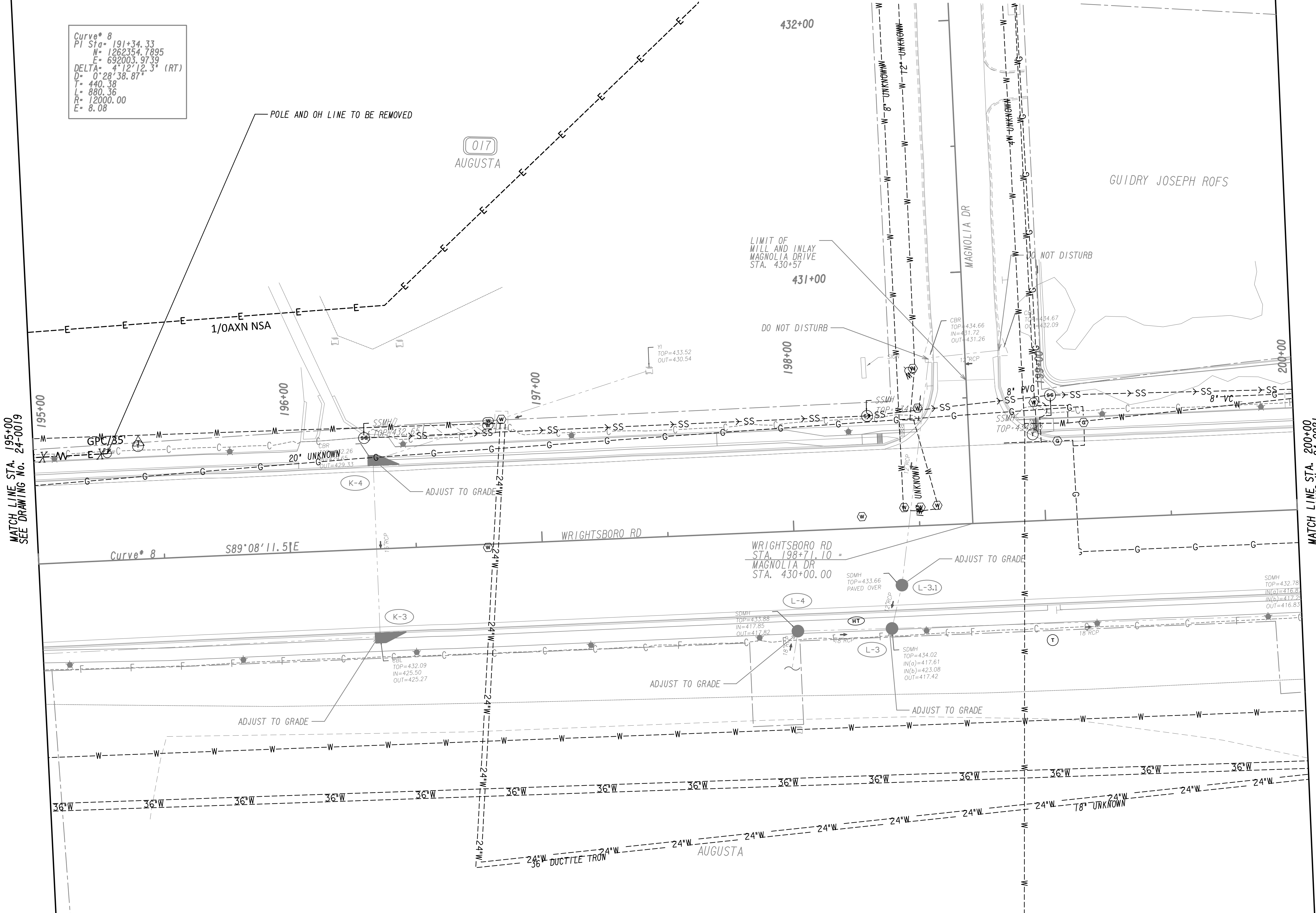
REVISION DATES	

**UTILITY PLANS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0019</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Curve\* 8  
 PI Sta= 191+34.33  
 N= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0°28'38.87"  
 L= 440.38  
 R= 880.36  
 E= 12000.00  
 E= 8.08



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

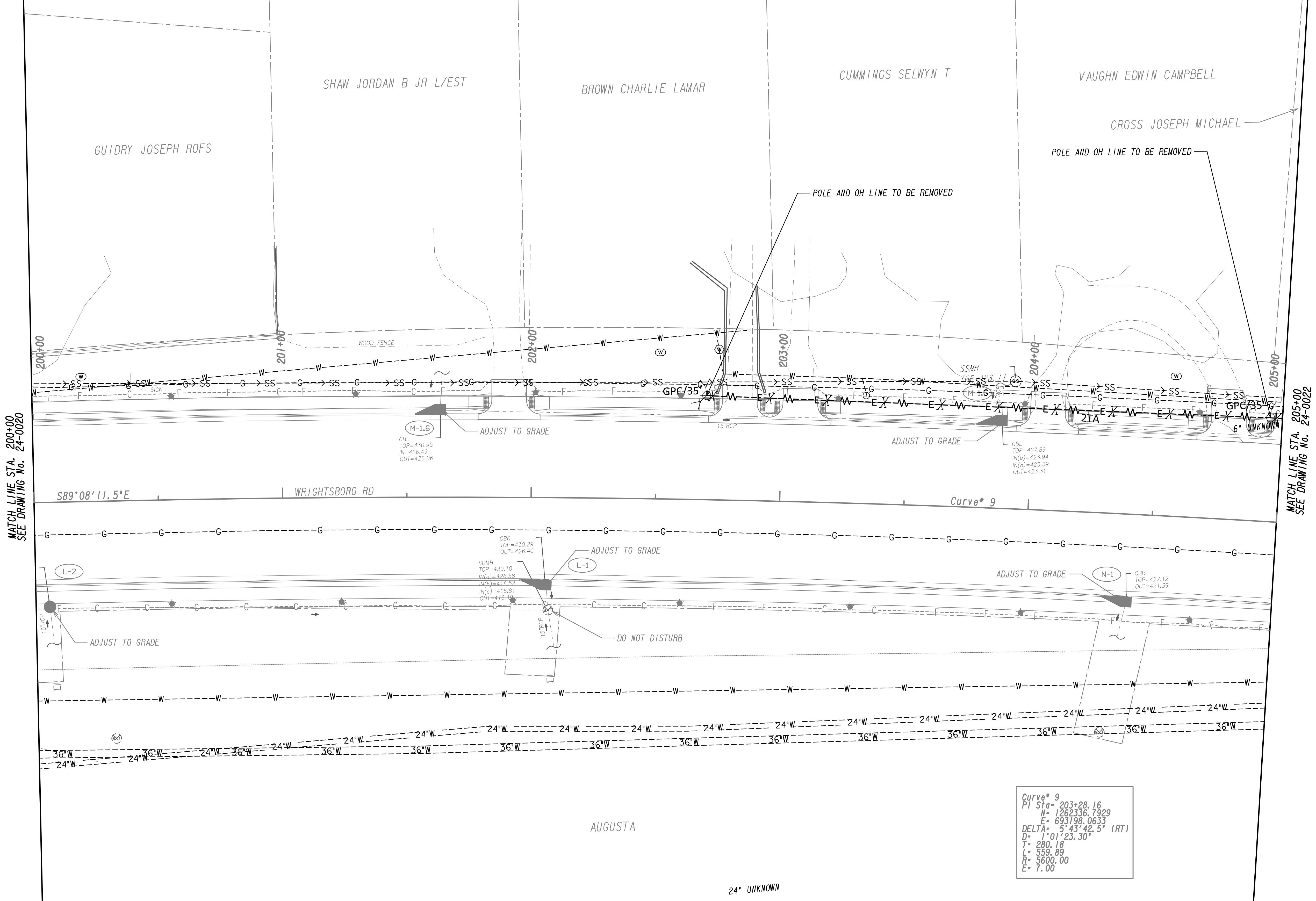
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0020</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 200+00  
SEE DRAWING No. 24-0020

MATCH LINE STA. 205+00  
SEE DRAWING No. 24-0022

Curve\* 9  
 PI Sta= 203+28.16  
 N= 1262336.7929  
 E= 693198.0633  
 DELTA= 5°43'42.5" (RT)  
 D= 1°01'23.30"  
 T= 280.18  
 L= 559.89  
 R= 5600.00  
 E= 7.00

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

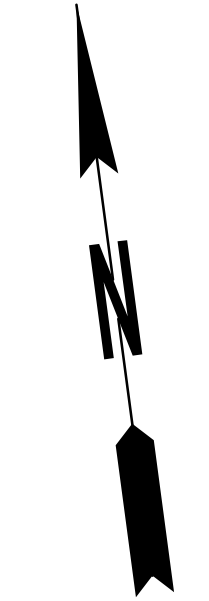
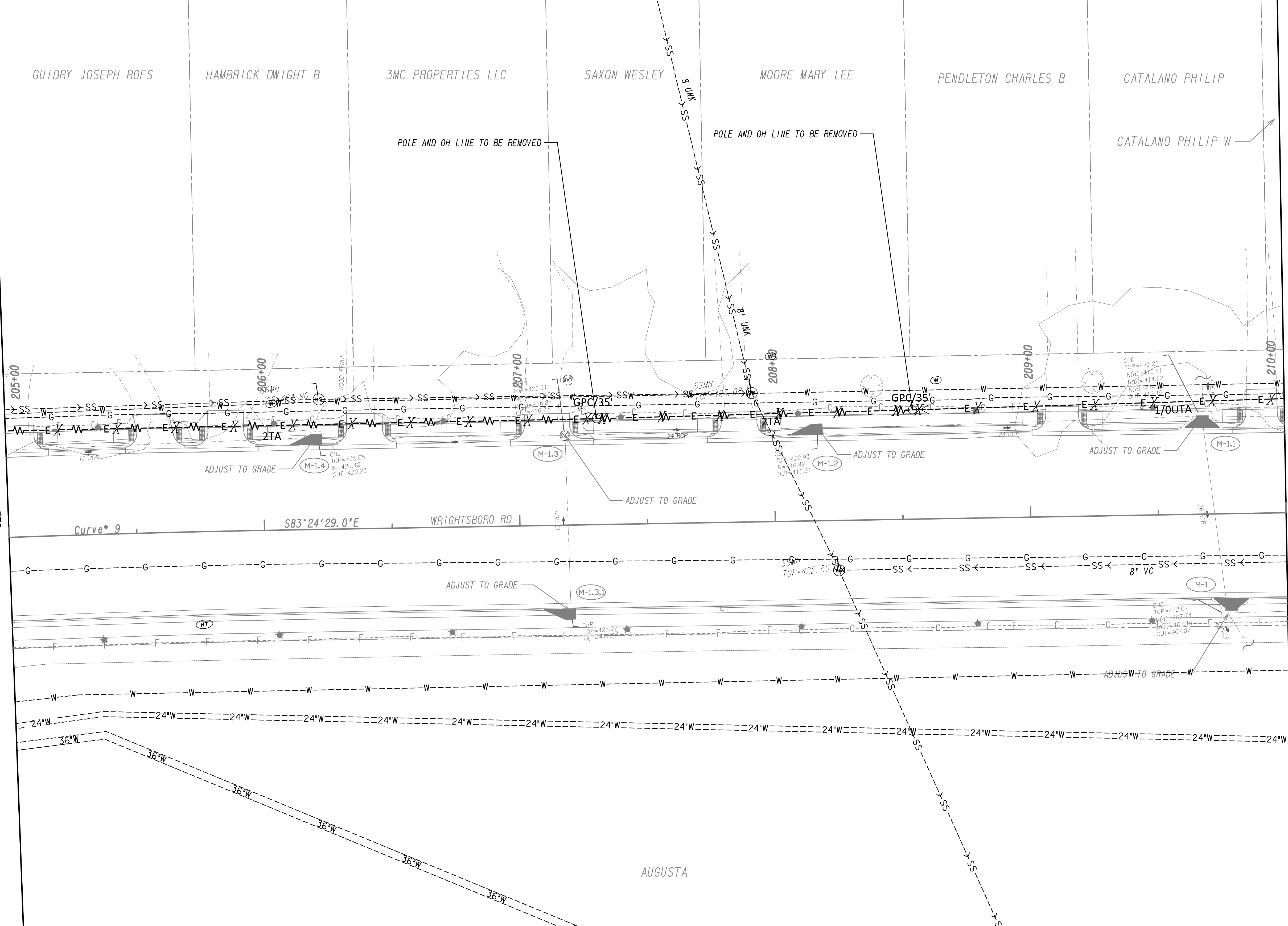
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

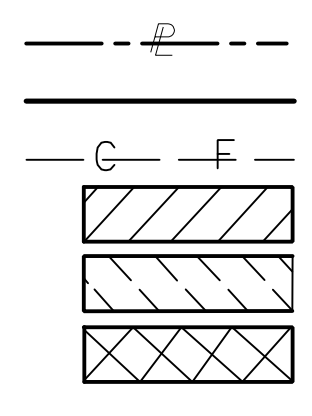
CHECKED:	DATE:	DRAWING No. <b>24-0021</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



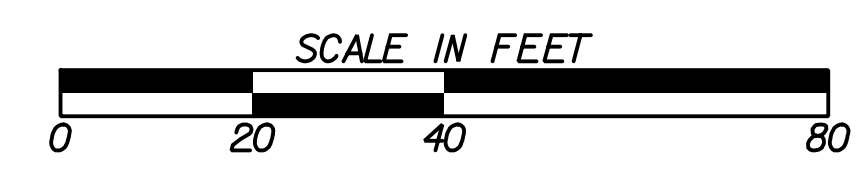
MATCH LINE STA. 205+00  
SEE DRAWING NO. 24-0021

MATCH LINE STA. 210+00  
SEE DRAWING NO. 24-0023

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



REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

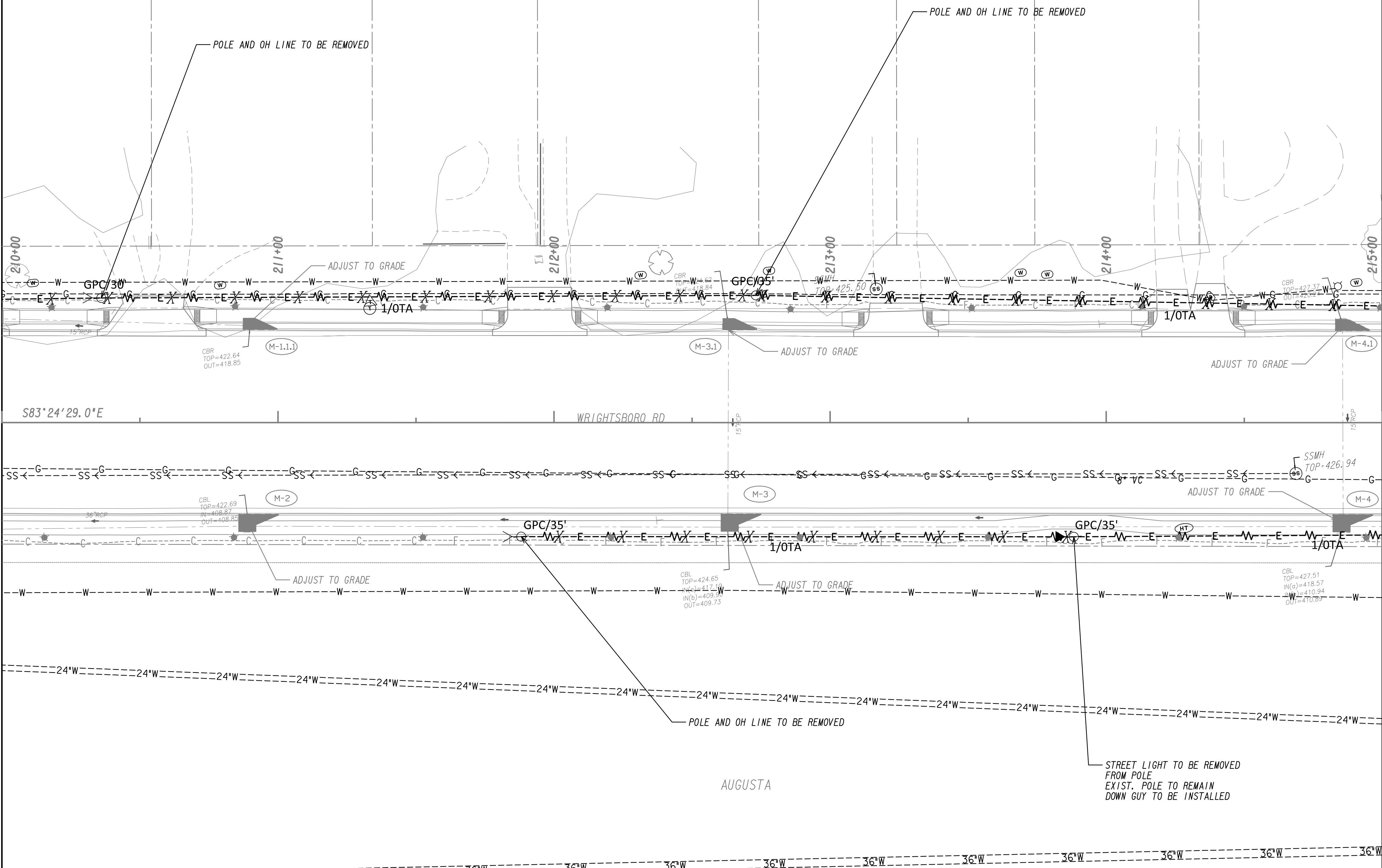
CHECKED:	DATE:	DRAWING No. <b>24-0022</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

CATALANO PHILIP W RIBOCK JOHN BALLEW SARAH ANN HITT OTIS M ROPER STEPHEN WEATHERFORD WOLFE EUGENE S EDRY REGINA M WAHLERT DOUGLAS L

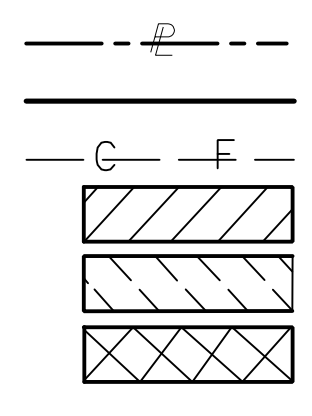


MATCH LINE STA. 210+00  
SEE DRAWING NO. 24-0022

MATCH LINE STA. 215+00  
SEE DRAWING NO. 24-0024



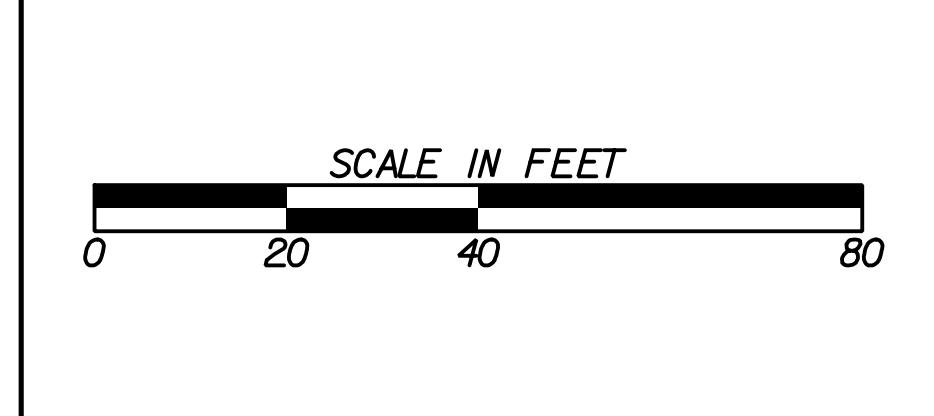
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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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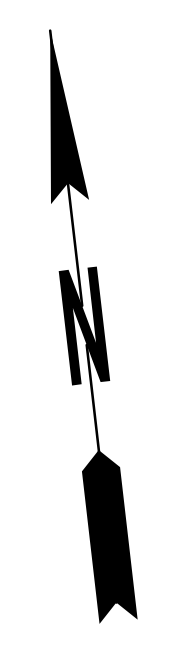
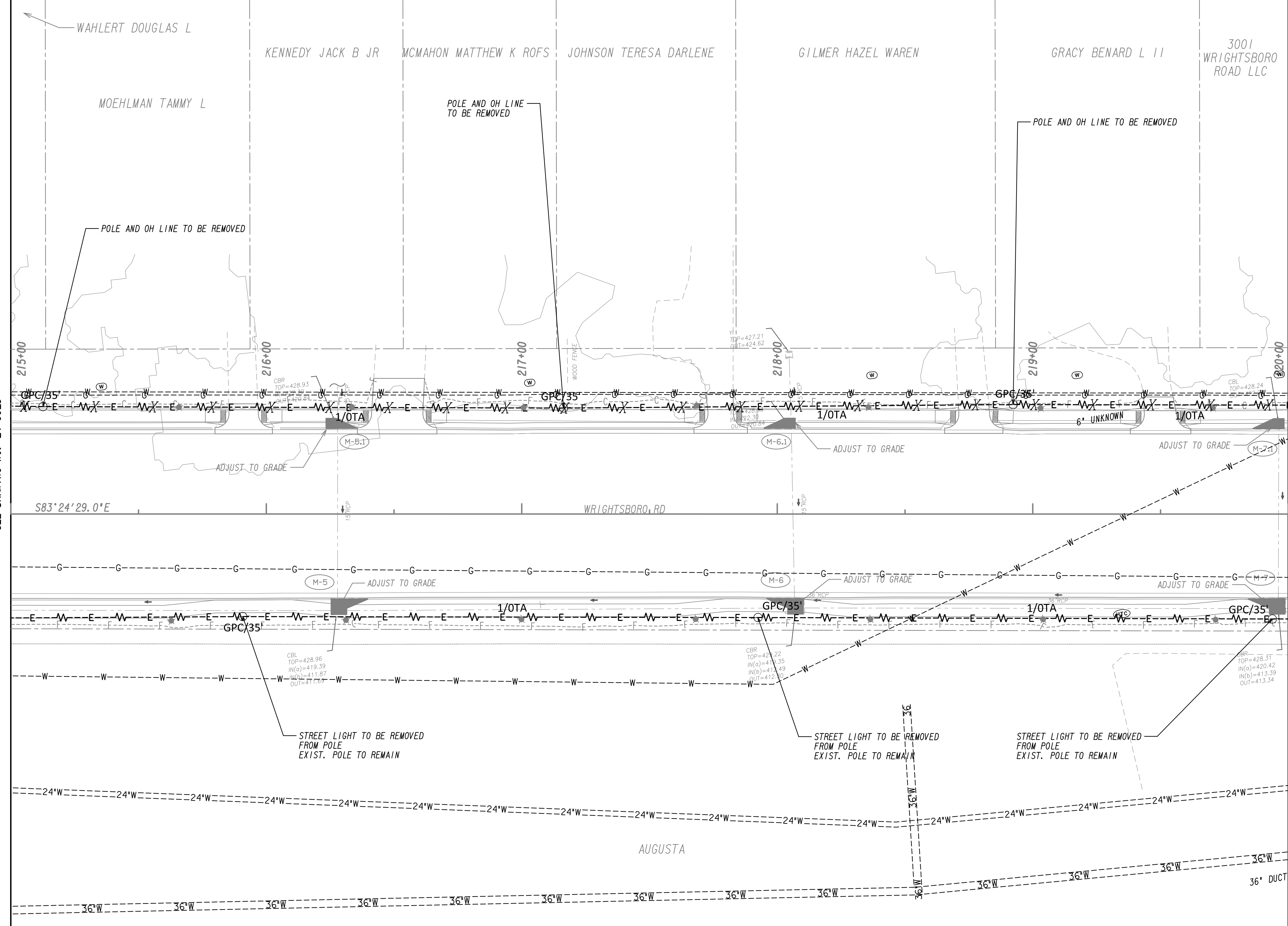
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**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0023</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

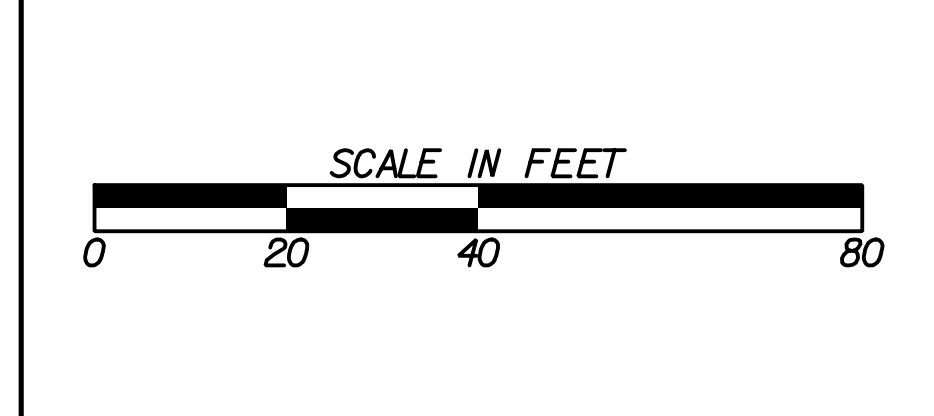


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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

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 770.447.8999 - www.chacompanies.com

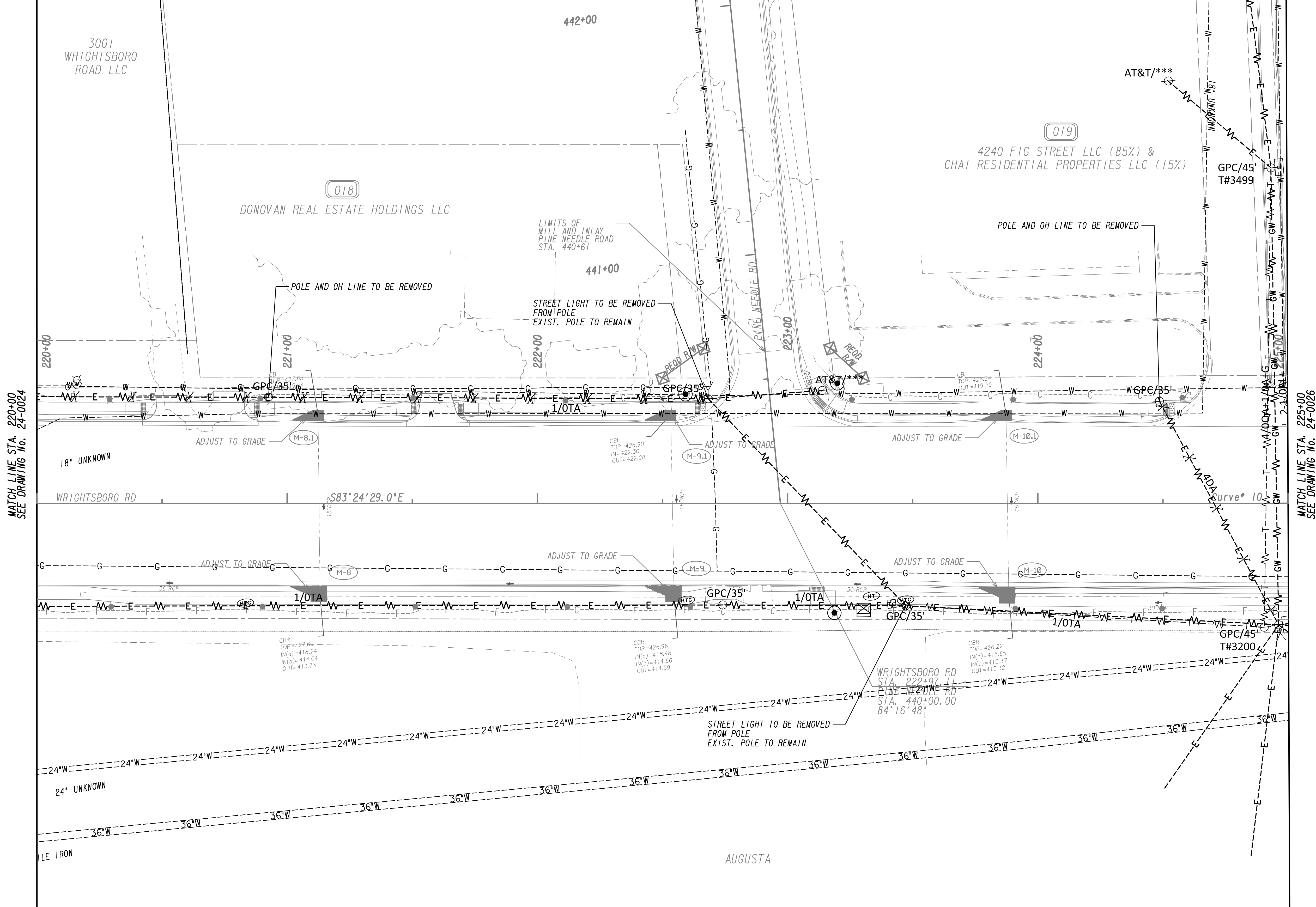


REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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

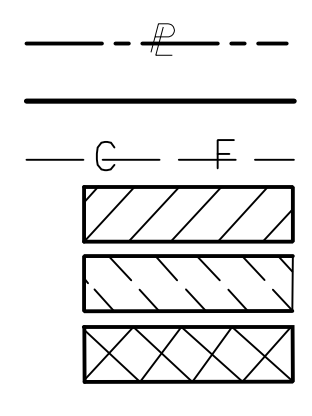
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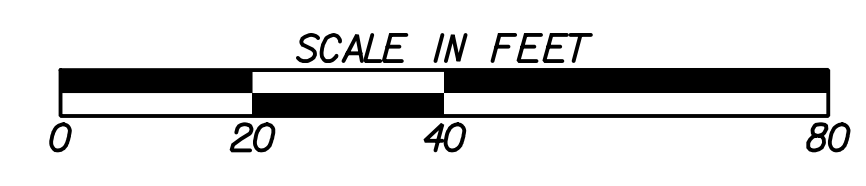
MATCH LINE STA. 220+00  
SEE DRAWING NO. 24-0024

MATCH LINE STA. 225+00  
SEE DRAWING NO. 24-0026

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

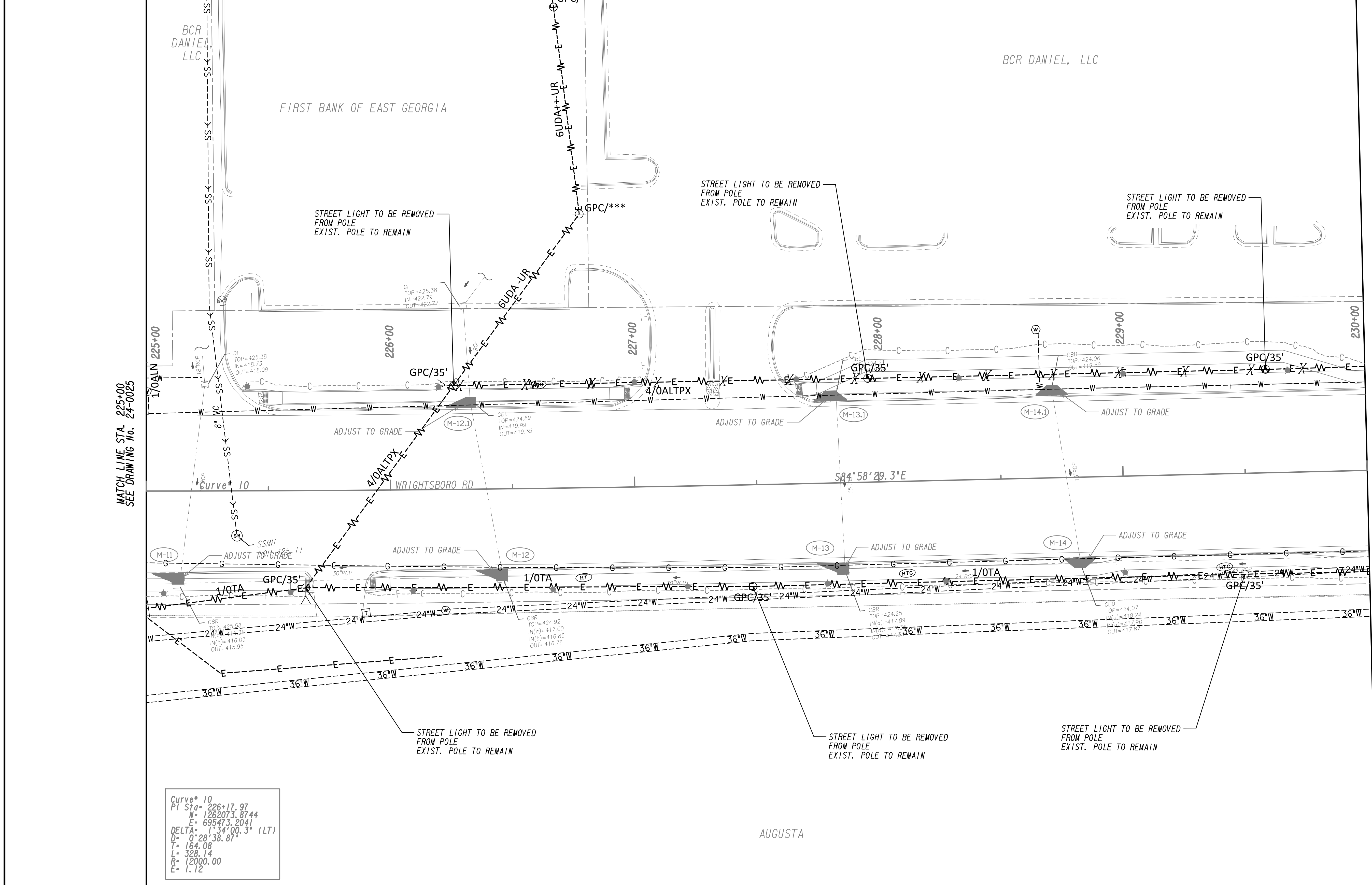


REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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





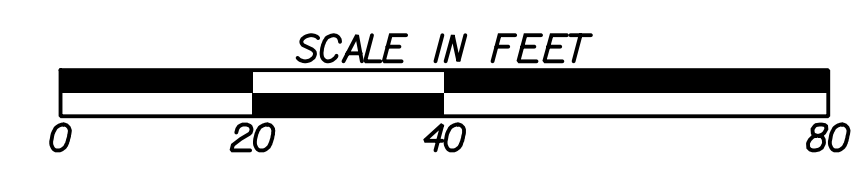
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SEE DRAWING No. 24-0025

MATCH LINE STA. 230+00  
SEE DRAWING No. 24-0027

Curve# 10  
PI Sta= 226+17.97  
M= 1262073.8744  
E= 695473.2041  
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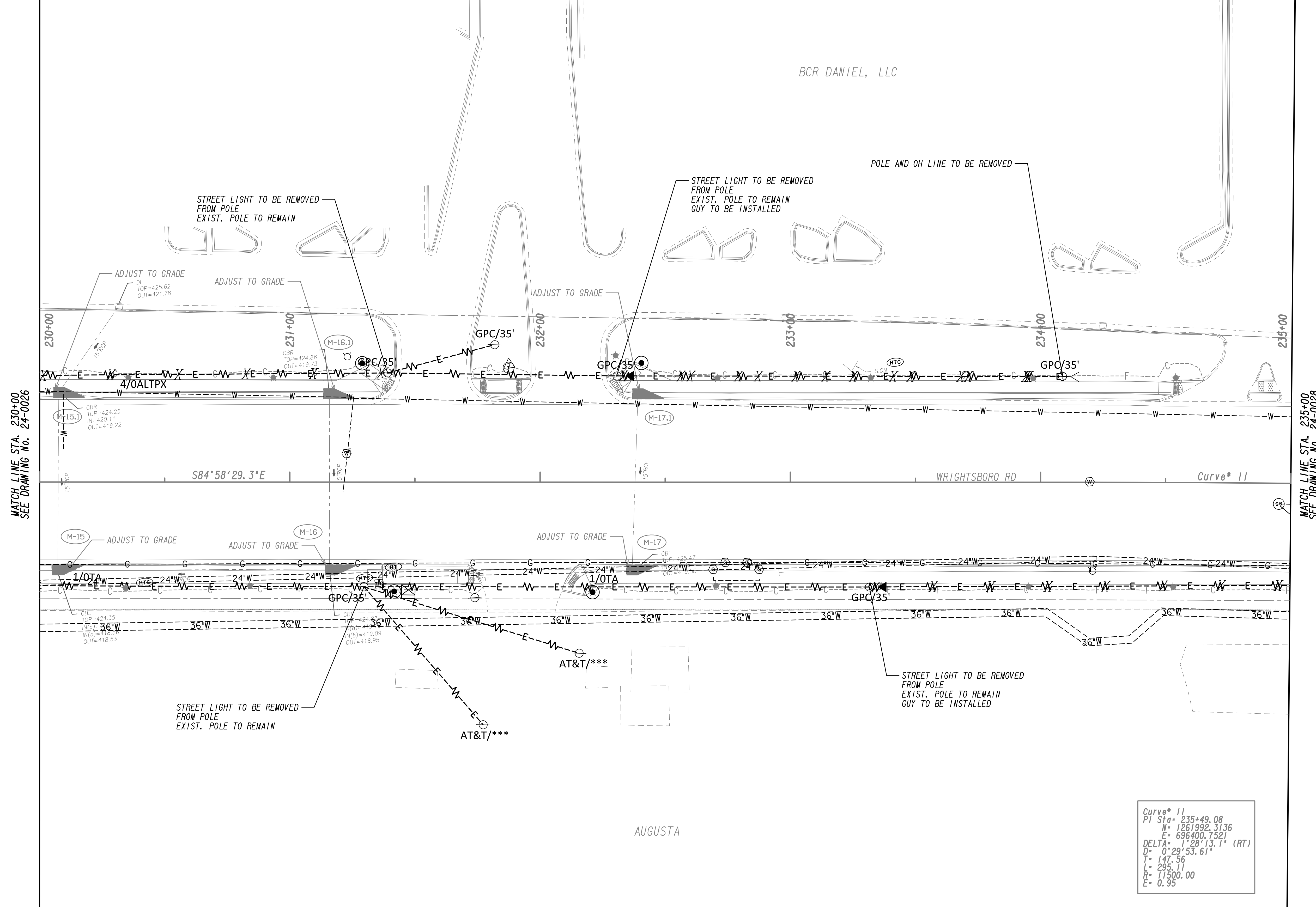
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REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

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)	



REVISION DATES	

UTILITY PLANS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
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BACKCHECKED:	DATE:	24-0026	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



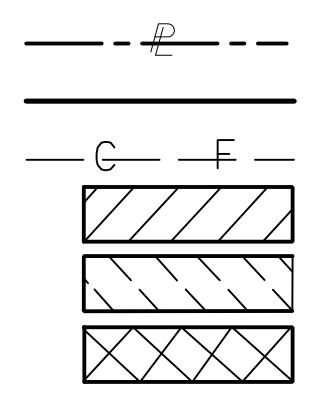
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MATCH LINE STA. 235+00  
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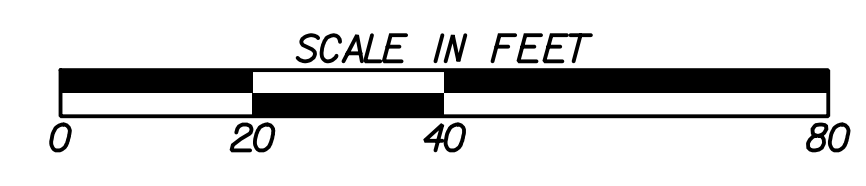
Curve\* 11

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D=	0°29'53.61"
T=	147.56
L=	235.11
R=	11500.00
E=	0.95

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

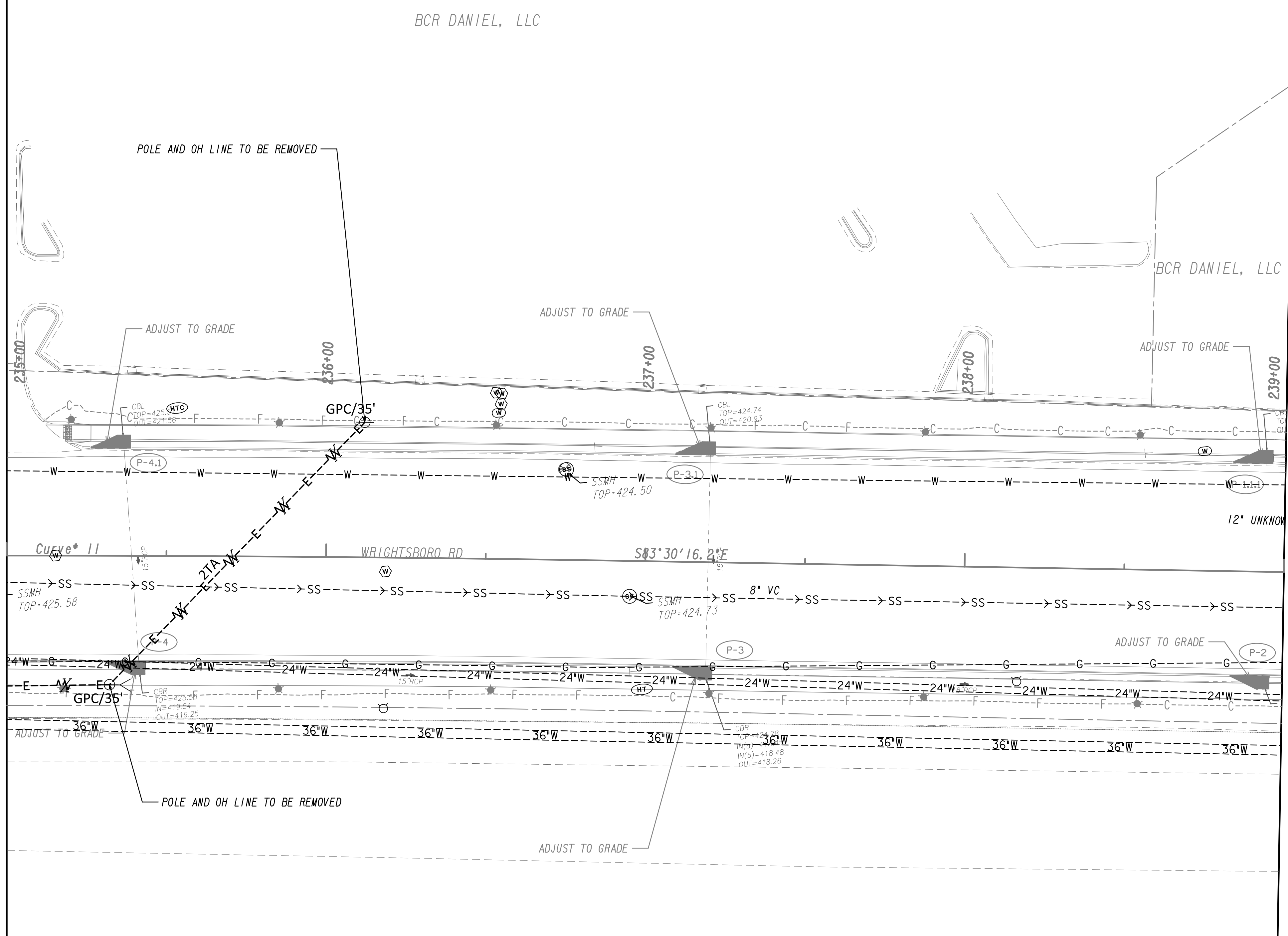


REVISION DATES	

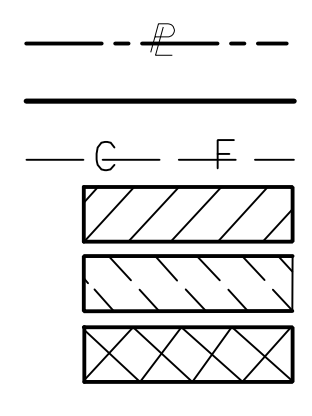
**UTILITY PLANS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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

DRAWING No. 24-0027



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



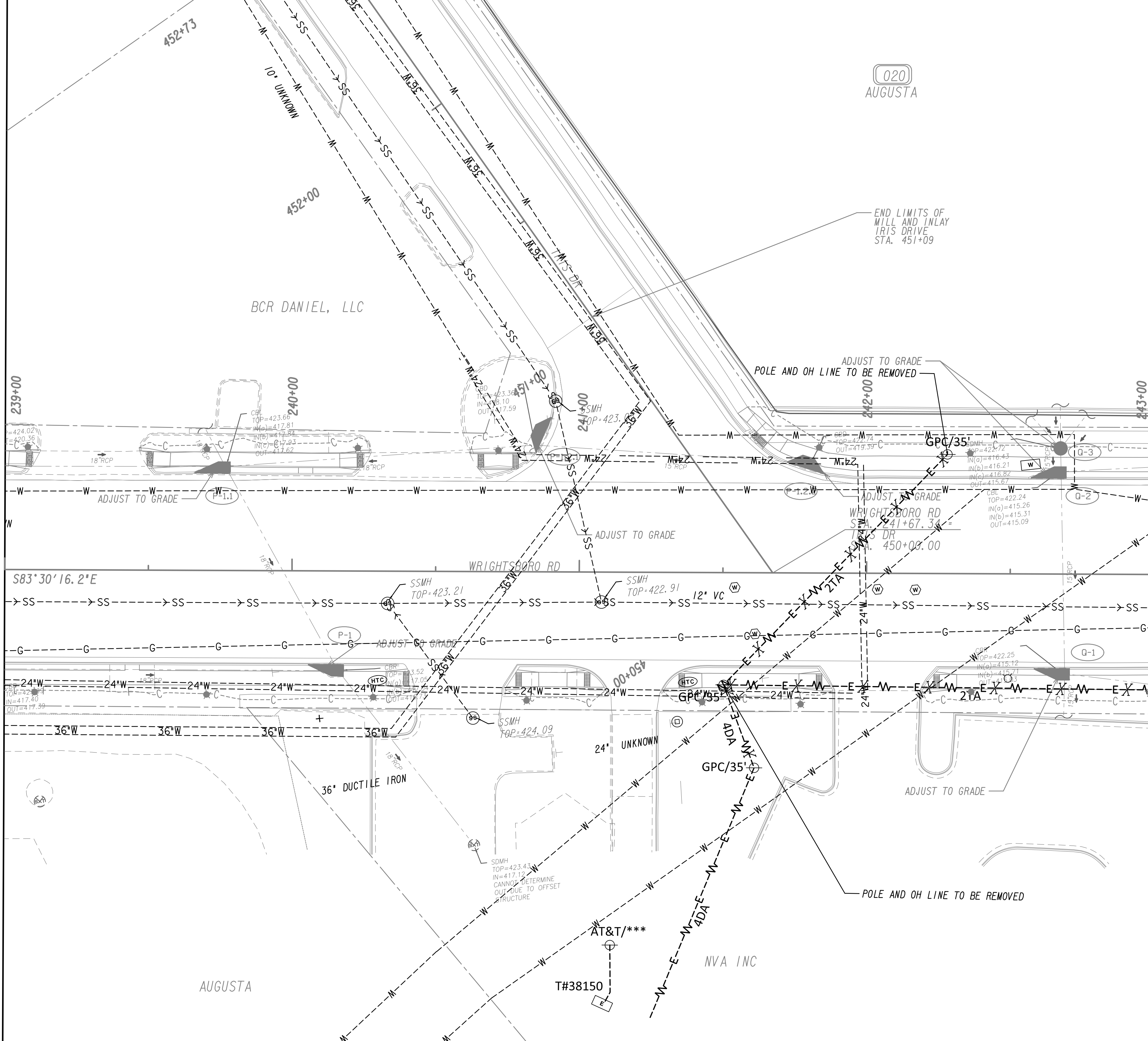
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 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

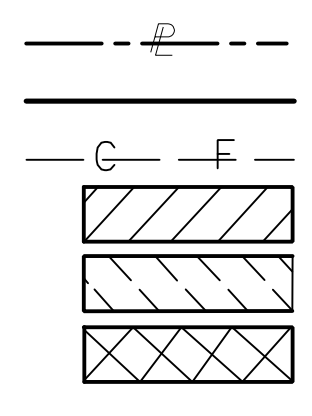
CHECKED:	DATE:	DRAWING No. <b>24-0028</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



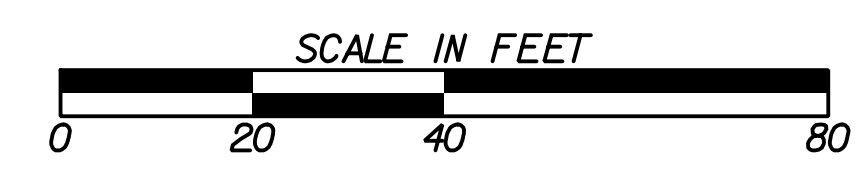
MATCH LINE STA. 239+00  
SEE DRAWING No. 24-002B

MATCH LINE STA. 243+00  
SEE DRAWING No. 24-0030

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



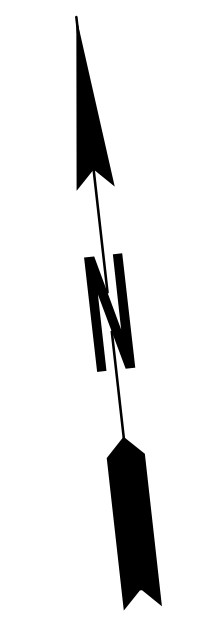
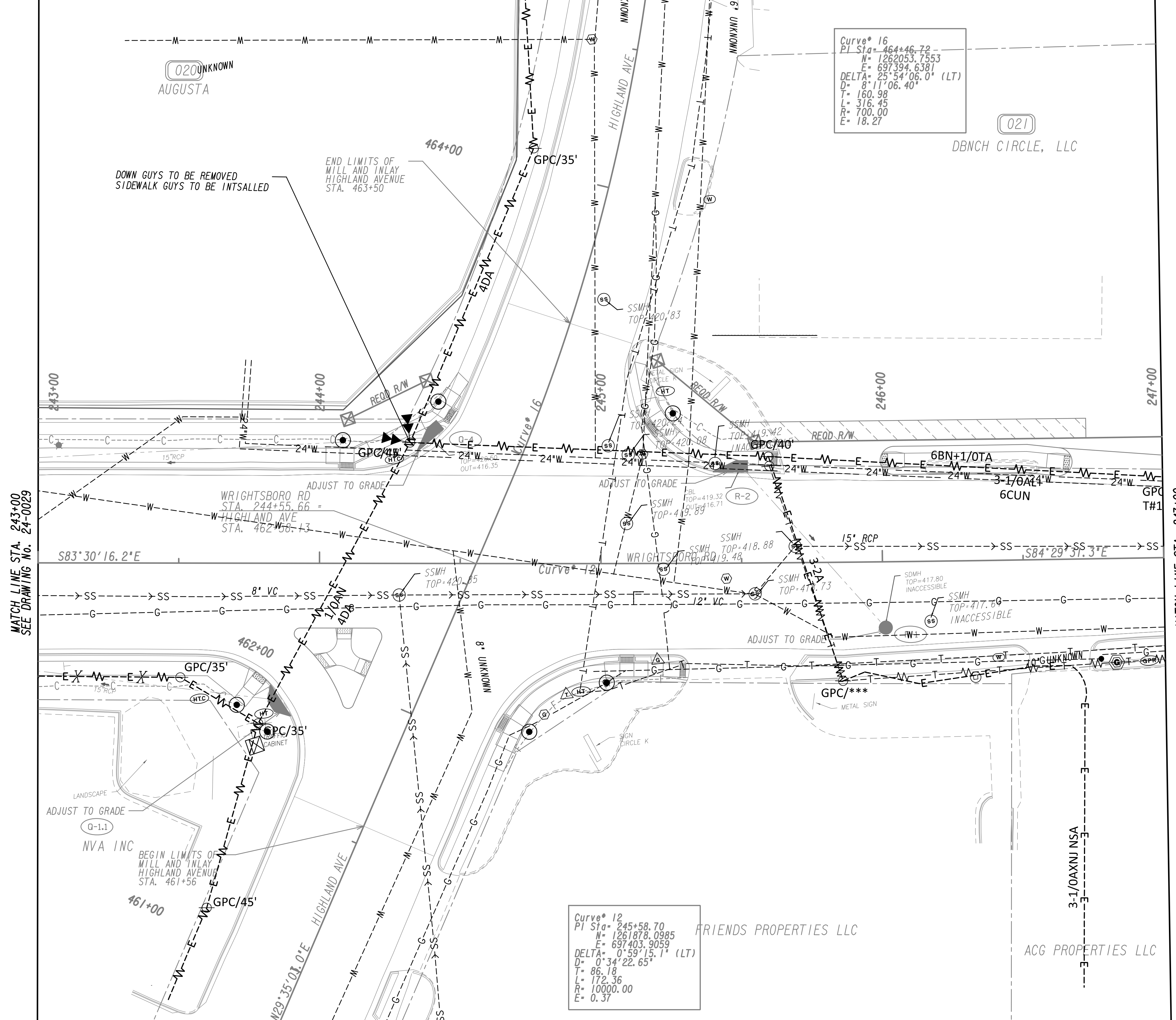
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 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

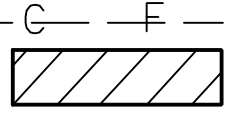
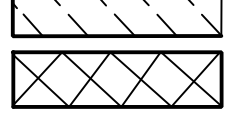
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0029
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 243+00  
SEE DRAWING NO. 24-0029

MATCH LINE STA. 247+00  
SEE DRAWING NO. 24-0031

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

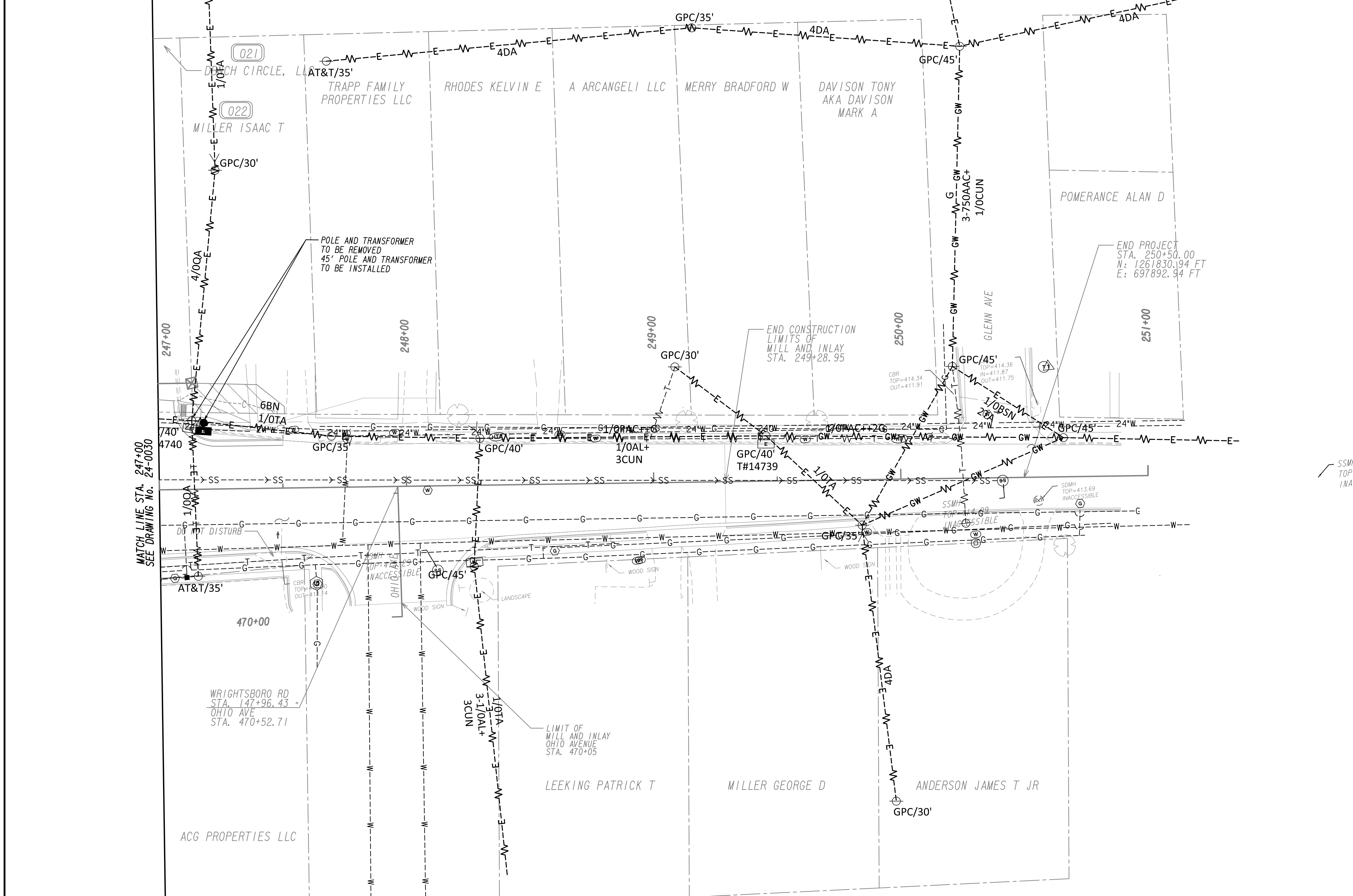
---P--- BEGIN LIMIT OF ACCESS.....BLA  
 ---E--- END LIMIT OF ACCESS.....ELA  
 ---G--- LIMIT OF ACCESS  
 ---F--- REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0030</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

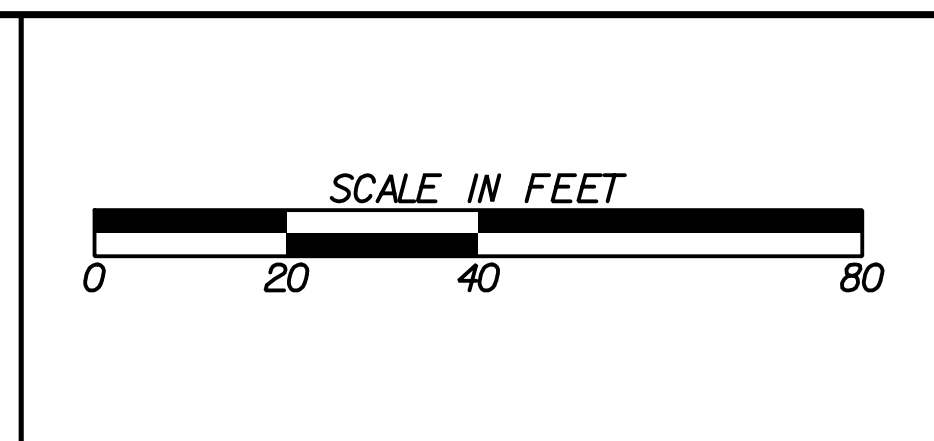


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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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**UTILITY PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>24-0031</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**ELECTRICAL GENERAL NOTES:**

**GENERAL**  
THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PRODUCT INFORMATION FOR THE PLAN READER'S CONVENIENCE. SEE PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

WORK COVERED BY THIS DOCUMENT SHALL INCLUDE ALL LABOR, MATERIAL, PRODUCTS, AND SERVICES FOR, AND INCIDENTAL TO, INSTALLATION OF COMPLETE AND OPERATING ELECTRICAL SYSTEMS DRAWN OR SPECIFIED.

ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, THE NATIONAL ELECTRICAL CODE (NFPA 70-2020). ALL MATERIALS SHALL BE NEW AND UL LISTED/LABELED AS APPROPRIATE. FINAL LOCATIONS FOR ROUGH-INS SHALL BE VERIFIED WITH ACTUAL EQUIPMENT BEING CONNECTED. SUPPORT AND ATTACH ELECTRICAL EQUIPMENT IN ACCORDANCE WITH SEISMIC CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER/BUILDING DESIGNER AND THE INTERNATIONAL BUILDING CODE 2012. AFTER COMPLETING INSTALLATION, REMOVE BURRS, DIRT, AND CONSTRUCTION DEBRIS FROM ALL ELECTRICAL WORK.

COORDINATE SITE LIGHTING AND SITE UTILITIES WITH LANDSCAPING/CIVIL PLANS AND DETAILS.

ALL SIGNAL RACEWAYS SHALL BE 3/4" DIA. MIN. UNLESS OTHERWISE NOTED.

ELECTRICAL INSTALLATION SHALL BE SEISMIC BRACED PER APPLICABLE SECTIONS OF THE STANDARD BUILDING CODE.

CONSULT MANUFACTURERS' SHOP DRAWINGS FOR REQUIREMENTS AND EXACT LOCATION OF ELECTRICAL CONNECTIONS FOR EQUIPMENT FURNISHED BY OTHERS. BRANCH-CIRCUIT WIRING SHALL MEET ALL REQUIREMENTS OF THE EQUIPMENT MANUFACTURER.

DO NOT SCALE DRAWINGS. DEVICE LOCATIONS ARE APPROXIMATE UNLESS DIMENSIONED. ACTUAL DEVICE LOCATIONS SHALL BE FIELD COORDINATED WITH ALL OTHER TRADES AND APPLICABLE CODES.

**ELECTRICAL IDENTIFICATION**  
IN ADDITION TO CODE-REQUIRED LABELING, ALL PANELBOARDS, ELECTRICAL ENCLOSURES, TRANSFORMERS, AND DISCONNECT SWITCHES SHALL BE IDENTIFIED WITH AN ENGRAVED PLASTIC LAMINATED NAMEPLATE. LETTERING SHALL BE 1/2" INCHES HIGH AND SHALL BE WHITE ON A BLACK BACKGROUND. NAMEPLATES SHALL BE ATTACHED TO EQUIPMENT WITH STAINLESS STEEL SELF-TAPPING SCREWS. CONTRACTOR TO COORDINATE WITH THE UTILITY COMPANY TO DETERMINE THE AVAILABLE FAULT CURRENT AT THE PANEL LOCATION SHOWN ON THE DRAWINGS. CONTRACTOR TO PROVIDE ELECTRICAL EQUIPMENT WITH AIC RATING OVER THE CALCULATED FAULT CURRENT. CALCULATED FAULT CURRENT SHALL BE LISTED ON EACH PIECE OF ELECTRICAL EQUIPMENT. CONTRACTOR TO PROVIDE AND AFFIX ARC FLASH WARNING LABELS ON ALL ELECTRICAL SWITCHBOARDS, PANELBOARDS, MOTOR CONTROL CENTERS, LOAD CENTERS, DISCONNECTS AND ENCLOSED CIRCUIT BREAKERS PER 2020 NEC ARTICLE 110.16.

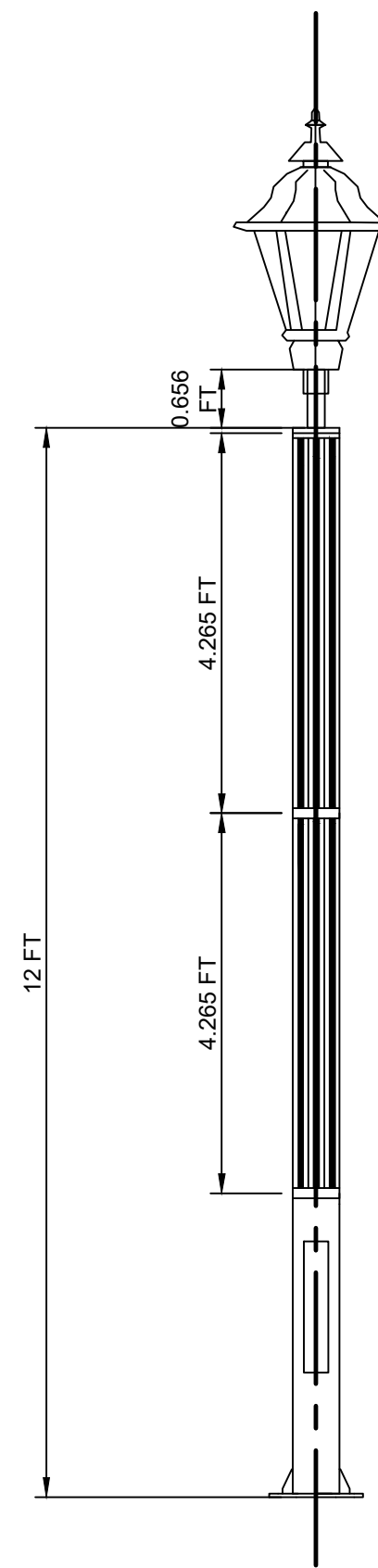
**GROUNDING**  
GROUNDING AND BONDING COMPONENTS SHALL COMPLY WITH UL 467. AN INSULATED EQUIPMENT-GROUNDING CONDUCTOR SHALL BE INSTALLED WITH CIRCUIT CONDUCTORS FOR ALL FEEDER AND BRANCH CIRCUITS. EXOTHERMIC-WELDED CONNECTIONS SHALL BE USED FOR ATTACHMENT TO STRUCTURAL STEEL AND UNDERGROUND CONNECTIONS. GROUNDING ELECTRODES SHALL BE 3/4" x 10' COPPERWELD TYPE.

**ELECTRICAL SYMBOLS**

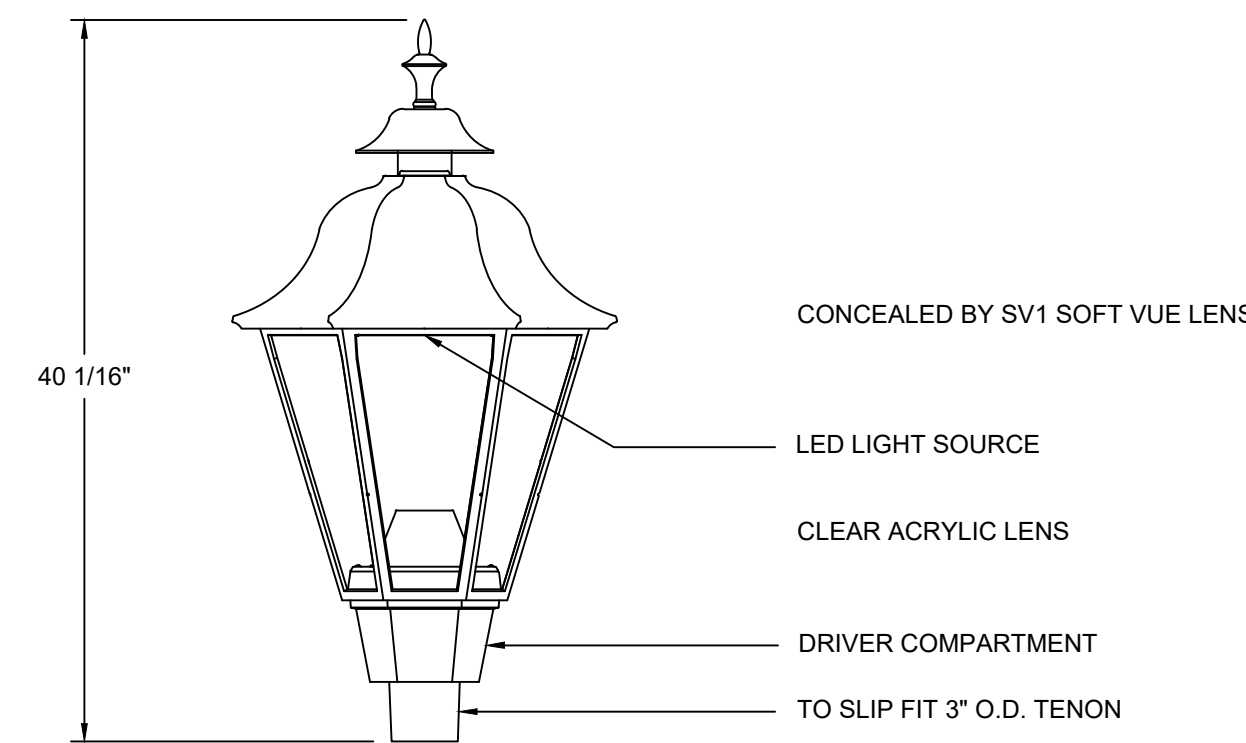
\* LIGHT FIXTURE SEE SCHEDULE

LIGHTING FIXTURE SCHEDULE							
ID	MANUF.	MODEL NUMBER	VOLT.	WATTS	LAMP TYPE	MOUNTING	REMARKS
A	STERNBERG	6130CLEL-12L40T4-MDL008-CA	N/A	27	LED	POLE	SOLAR PATH SOLAR POLE WITH STERNBERG LUMINAIRE COORDINATE WITH MANUFACTURER. COORDINATE ORIENTATION OF FIXTURE AND POLE WITH MANUFACTURER AND ENGINEER OF RECORD.
B	STERNBERG	6130CLEL-24L40T4-MDL014-CA	MVOLT	87	LED	MAST POLE	TO BE PROVIDED AND INSTALLED BY OTHERS

LIGHTING FIXTURE SCHEDULE NOTES:  
COORDINATE ALL FINISH OPTIONS WITH ARCHITECT.



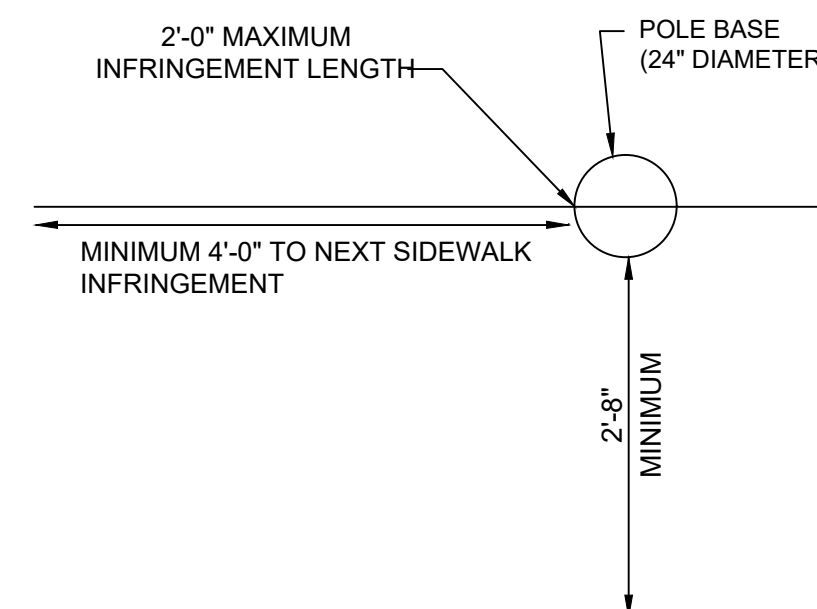
1 ROADWAY POLE DETAIL FIXTURE "A"  
NOT TO SCALE



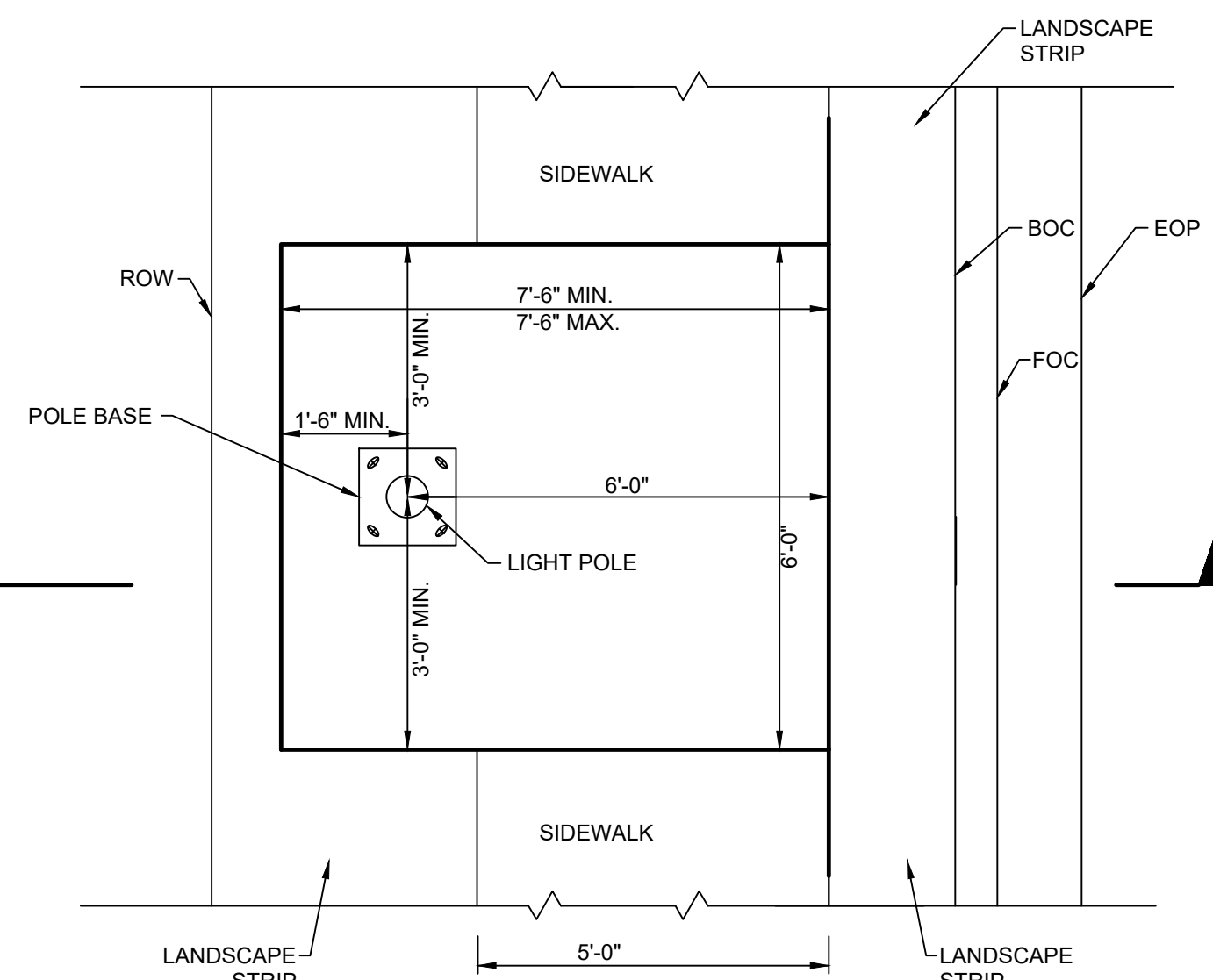
2 FIXTURE DETAIL  
NOT TO SCALE

**ABBREVIATIONS**

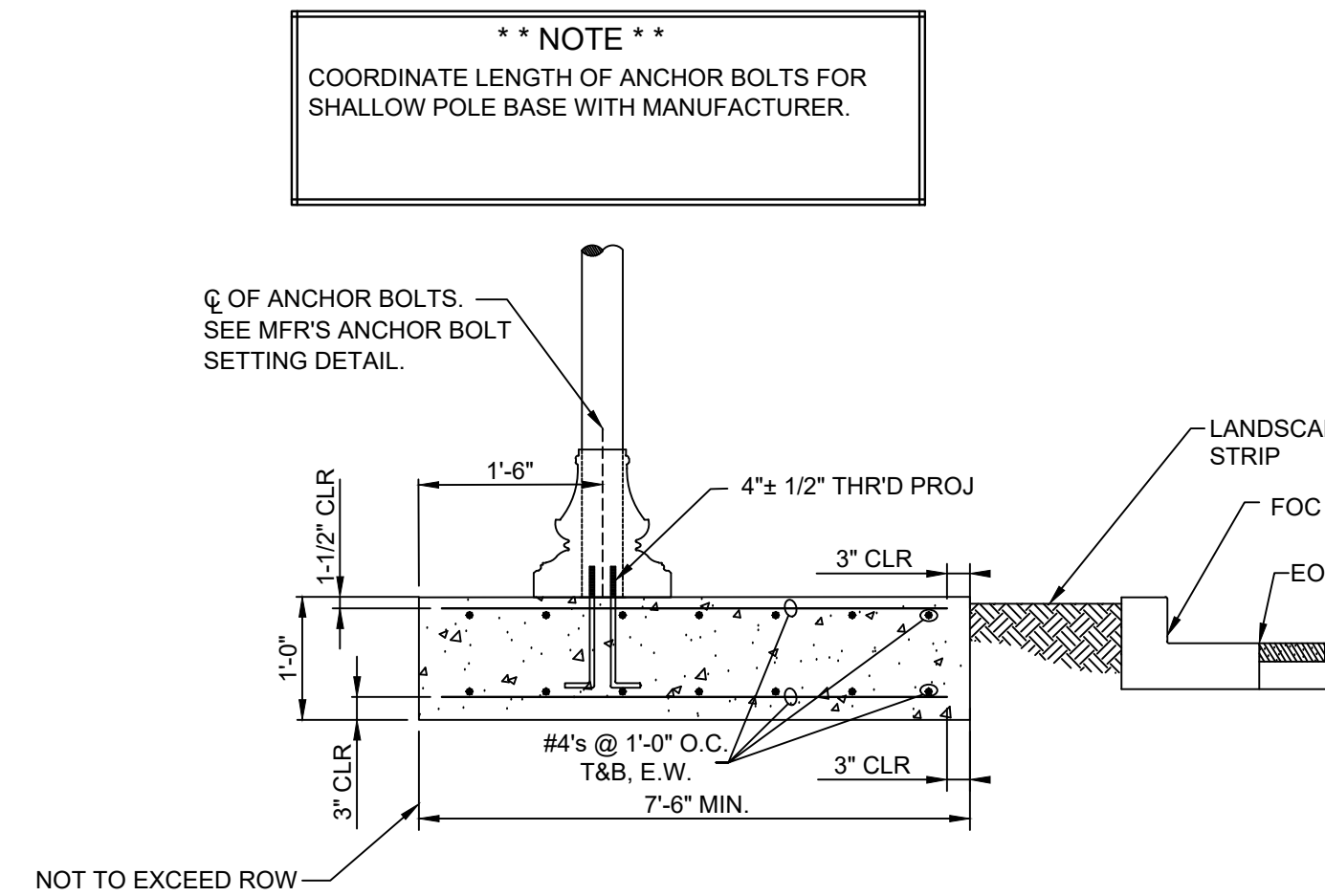
- BOC BACK OF CURB
- CLR CLEAR
- CONC CONCRETE
- EOP EDGE OF PAVEMENT
- FOC FACE OF CURB
- HK HOOK
- MFR MANUFACTURER
- PROJ PROJECTION
- S/W SIDEWALK
- THK THICK
- THR'D THREADED
- ROW RIGHT OF WAY
- LS LANDSCAPE



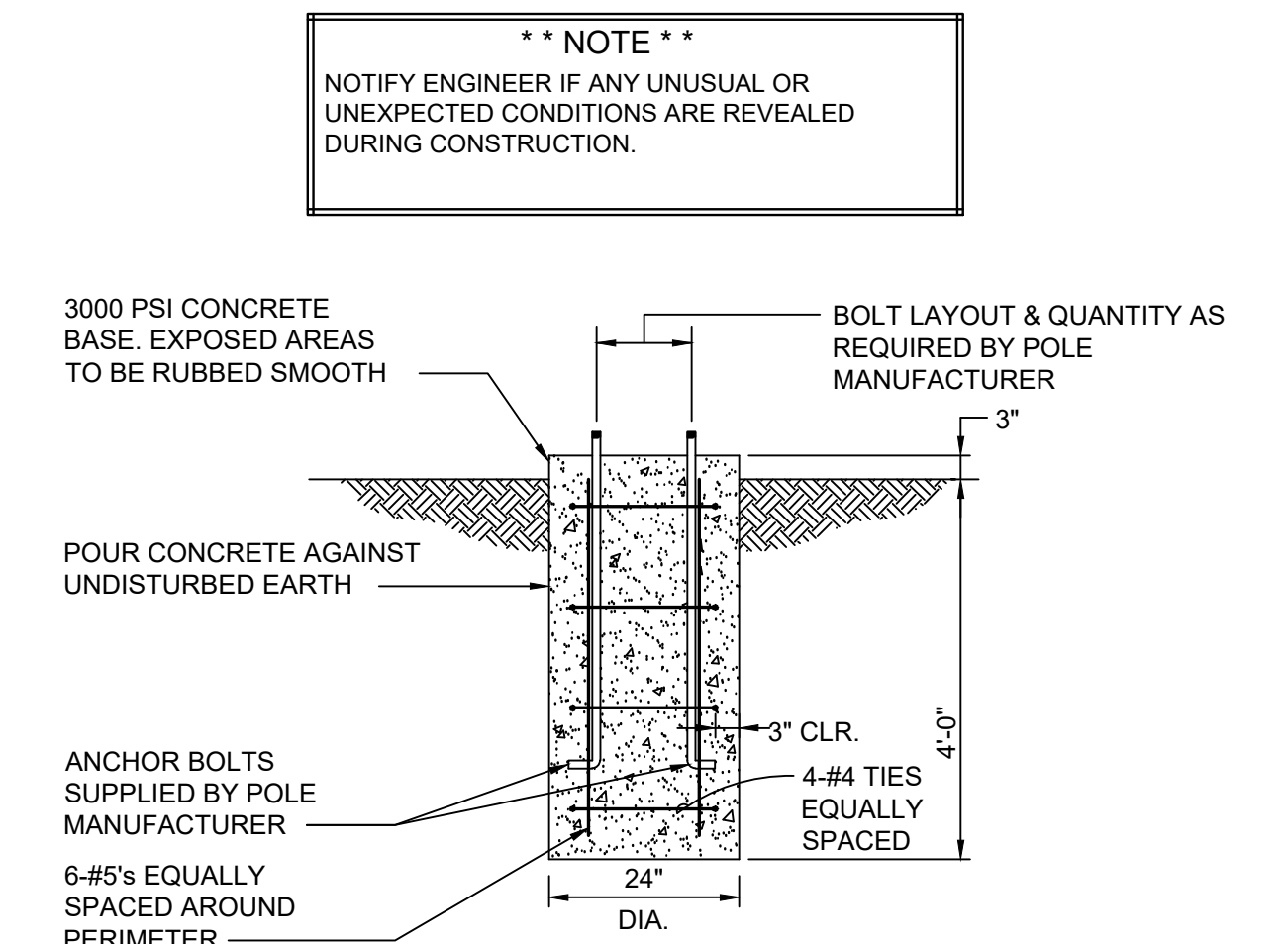
3 POLE LOCATION DETAIL  
NOT TO SCALE



4 ALTERNATE POLE MOUNTING DETAIL - PLAN  
NOT TO SCALE



5 ALTERNATE POLE MOUNTING DETAIL - SECTION  
NOT TO SCALE



6 TYPICAL - PEDESTRIAN POLE MOUNTING DETAIL  
NOT TO SCALE

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FAX (706) 724-3935  
WWW.THEJLAGROUP.COM

CLIENT: City of Augusta  
520 Greene St., Augusta, GA 30901  
PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**  
PROJECT LOCATION: WRIGHTSBORO ROAD

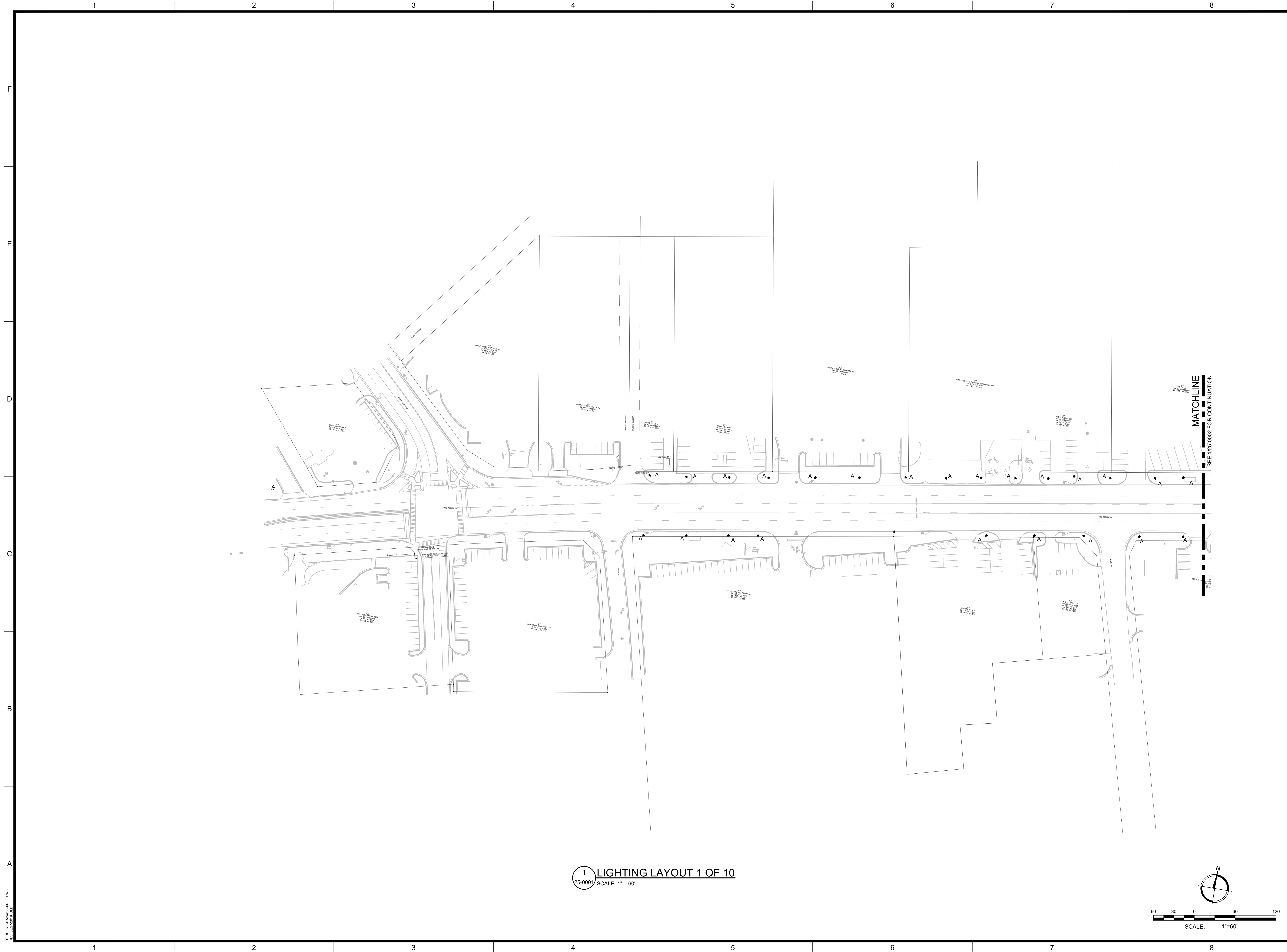
REGISTERED PROFESSIONAL ENGINEER  
No. PE038528  
FORWARD J. WINT  
1979/2022

JOHNSON, LASCOBER & ASSOC., P.C.  
No. PE038528  
EXPIRATION DATE: JUNE 30, 2024  
DATE OF AUTHORIZATION:

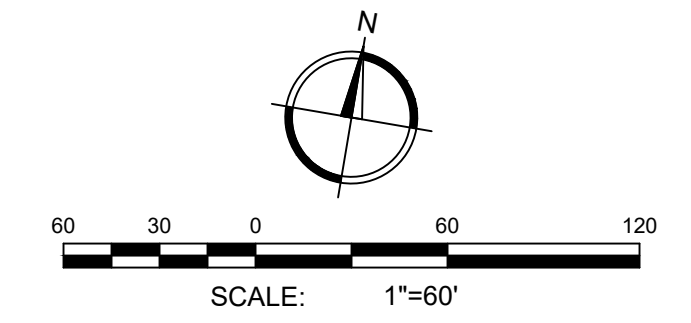
REV	DATE	BY	ISSUED FOR	DESCRIPTION
0	10/19/22	HJW		

PROJECT NO. 1144.2001  
DRAWN BY: CEB  
CHECKED BY: HJW  
DATE: 10/19/2022  
SHEET TITLE: **GENERAL NOTES AND DETAILS**  
SCALE: AS NOTED  
DRAWING NO. **25-0000** REV. 0

BORDER\_LAYOUT\_REF.DWG  
DATE: 10/19/2022 9:34 AM By: Clay Barton



1 LIGHTING LAYOUT 1 OF 10  
 25-0001 SCALE: 1" = 60'



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CLIENT: City of Augusta  
 520 Greene St., Augusta, GA 30901

PROJECT NAME: **WRIGHTSBORO ROAD  
 RECONSTRUCTION AND  
 PEDESTRIAN IMPROVEMENTS**

PROJECT LOCATION: WRIGHTSBORO ROAD

REV	DATE	BY	ISSUED FOR	DESCRIPTION
0	10/19/22	HJW	ISSUED FOR BID	

PROJECT NO. 1144.2001  
 DRAWN BY: CEB  
 CHECKED BY: HJW  
 DATE: 10/19/2022

SHEET TITLE:  
**LIGHTING LAYOUT  
 1 OF 10**

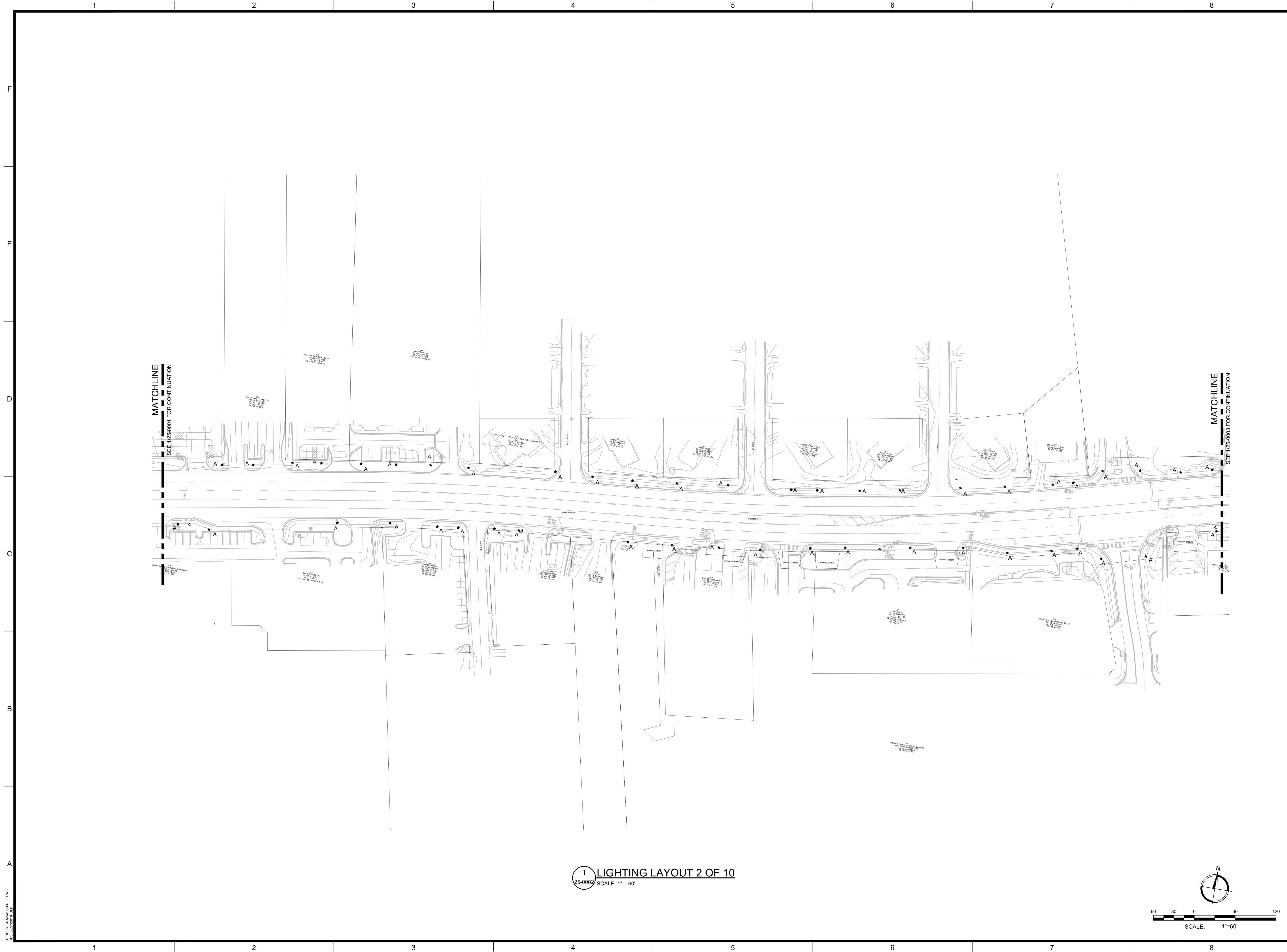
SCALE: AS NOTED

DRAWING NO.	REV.
<b>25-0001</b>	<b>0</b>

BORDER - JASCHOB-REF.DWG  
 10/19/2022 10:34 AM

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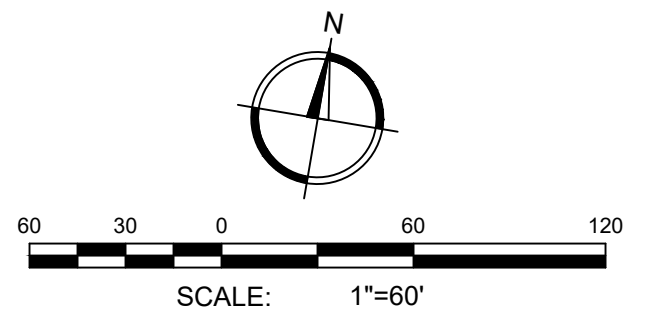




MATCHLINE  
SEE 1/25-0001 FOR CONTINUATION

MATCHLINE  
SEE 1/25-0003 FOR CONTINUATION

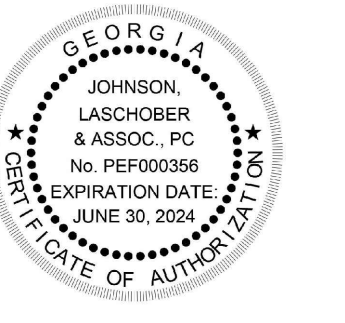
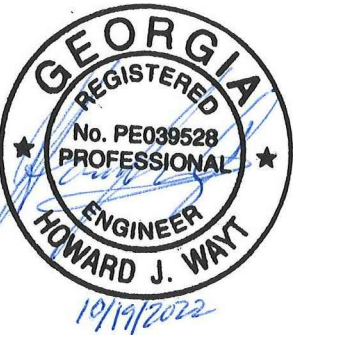
**1 LIGHTING LAYOUT 2 OF 10**  
SCALE: 1" = 60'



CLIENT: City of Augusta  
520 Greene St., Augusta, GA 30901

PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**

PROJECT LOCATION: WRIGHTSBORO ROAD



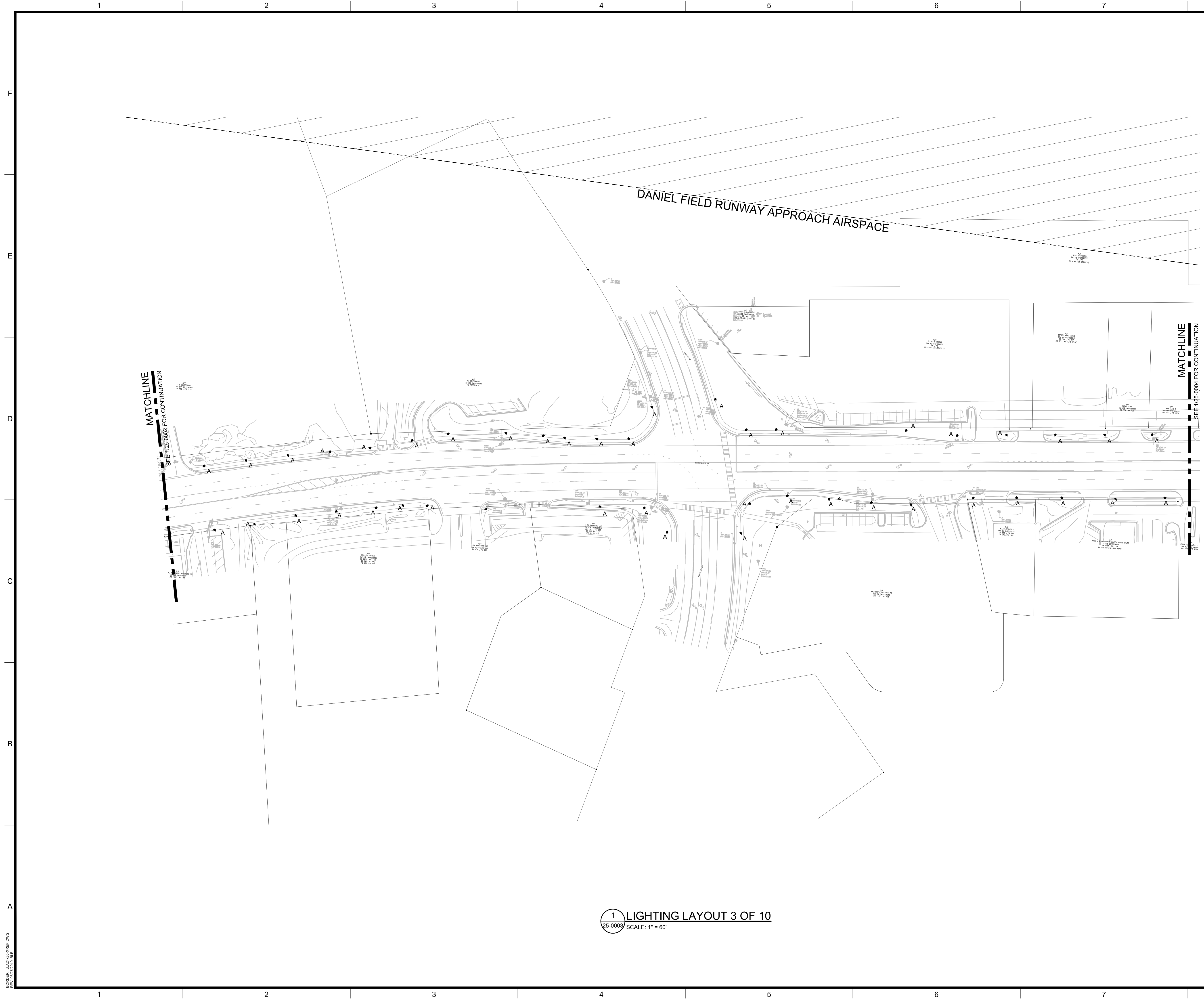
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PROJECT NO. 1144.2001  
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CHECKED BY: HJW  
DATE: 10/19/2022

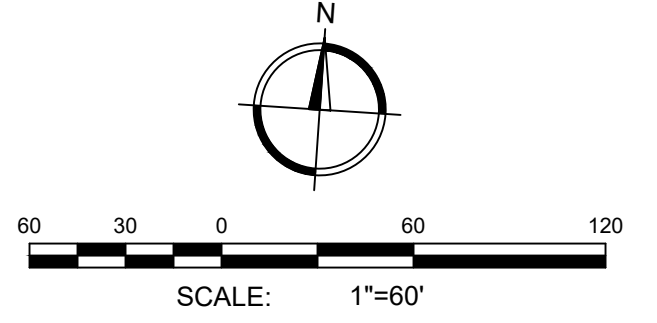
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**LIGHTING LAYOUT  
2 OF 10**

SCALE: AS NOTED

DRAWING NO. **25-0002** REV. **0**



1 LIGHTING LAYOUT 3 OF 10  
25-0003 SCALE: 1" = 60'



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PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**  
PROJECT LOCATION: WRIGHTSBORO ROAD

REGISTERED PROFESSIONAL ENGINEER  
No. PE038529  
HOWARD J. WJW  
1974/2022

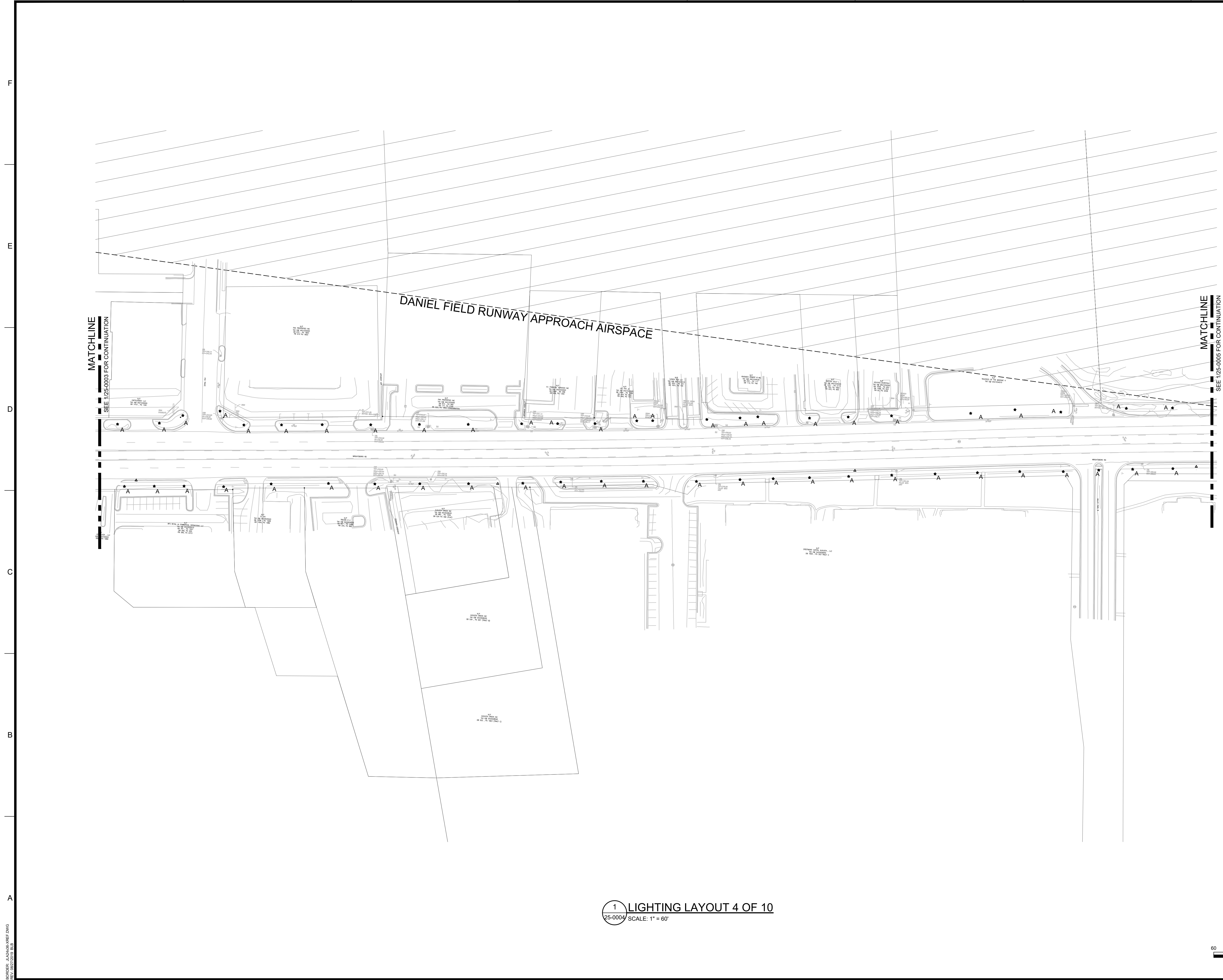
JOHNSON, LASCHOBER & ASSOC., P.C.  
No. PE038529  
EXPIRATION DATE: JUNE 30, 2024  
DATE OF AUTHORIZATION

REV	DATE	BY	ISSUED FOR BID	DESCRIPTION
0	10/19/22	HJW		

PROJECT NO. 1144.2001  
DRAWN BY: CEB  
CHECKED BY: HJW  
DATE: 10/19/2022  
SHEET TITLE:  
**LIGHTING LAYOUT 3 OF 10**  
SCALE: AS NOTED  
DRAWING NO. **25-0003** REV. **0**

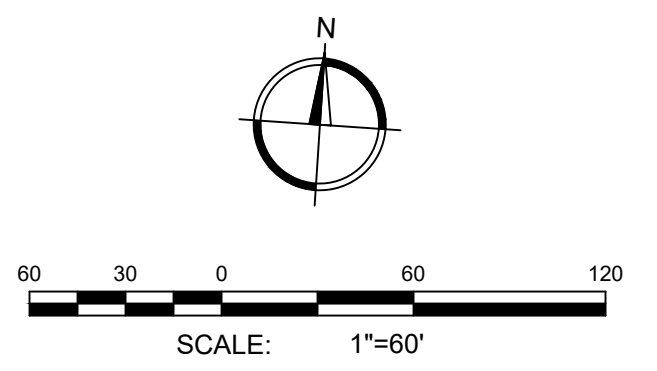
BORDER\_LAYOUT-REF.DWG  
10/19/2022 9:34 AM

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BORDER\_LAYOUT\_REF.DWG  
DATE: 08/27/2019 10:18

1 LIGHTING LAYOUT 4 OF 10  
25-0004 SCALE: 1" = 60'



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CLIENT: City of Augusta  
520 Greene St., Augusta, GA 30901  
PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**  
PROJECT LOCATION: WRIGHTSBORO ROAD

REGISTERED PROFESSIONAL ENGINEER  
No. PE038529  
FORWARD J. WINT  
1979/2022

REGISTERED PROFESSIONAL ENGINEER  
JOHNSON, LASCOBER & ASSOC., P.C.  
No. PE038529  
EXPIRATION DATE: JUNE 30, 2024  
DATE OF AUTHORIZATION

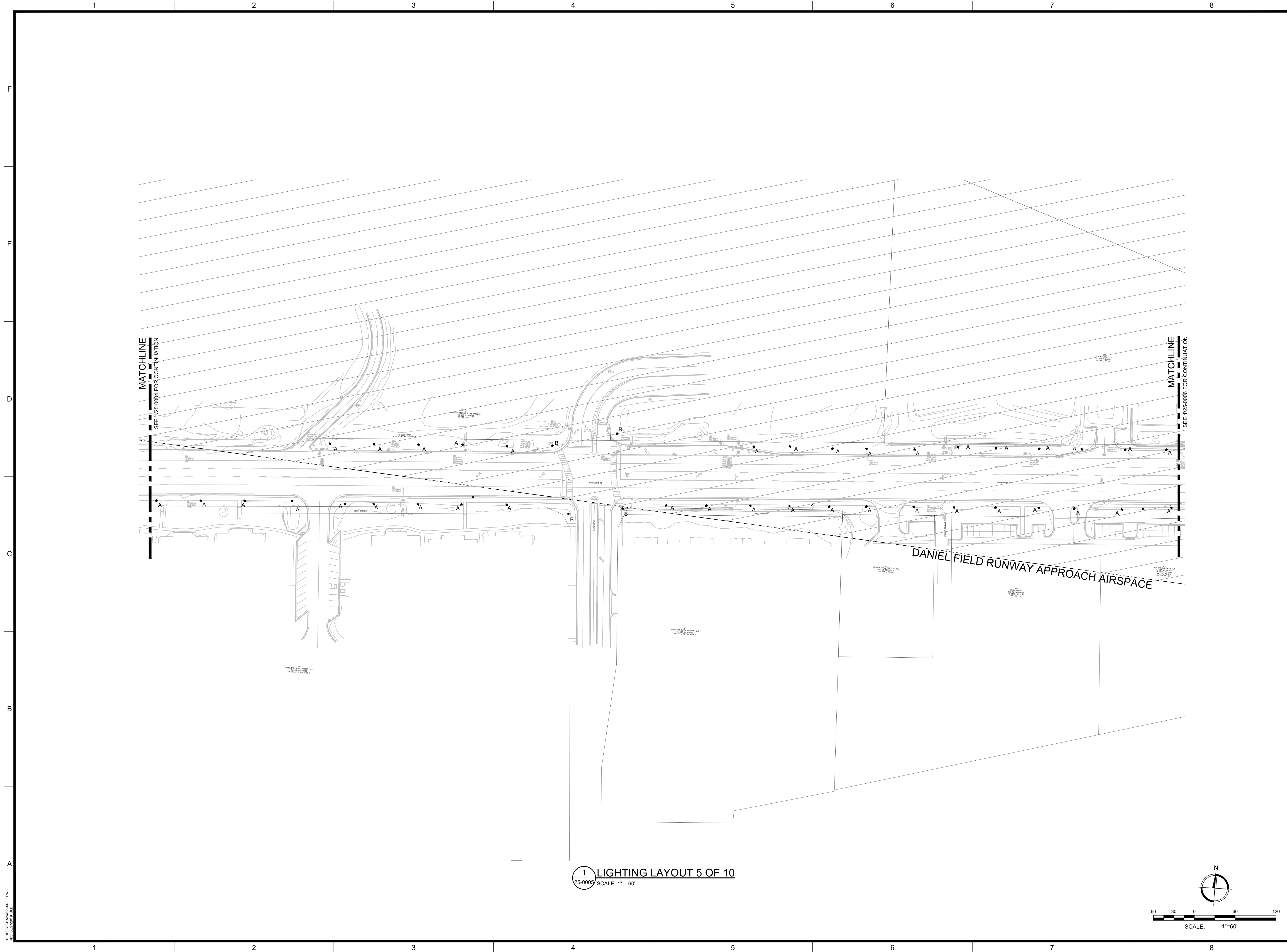
REV	DATE	BY	ISSUED FOR BID	DESCRIPTION
0	10/19/22	HJW		

PROJECT NO. 1144.2001  
DRAWN BY: CEB  
CHECKED BY: HJW  
DATE: 10/19/2022

SHEET TITLE:  
**LIGHTING LAYOUT 4 OF 10**

SCALE: AS NOTED  
DRAWING NO. **25-0004** REV. **0**

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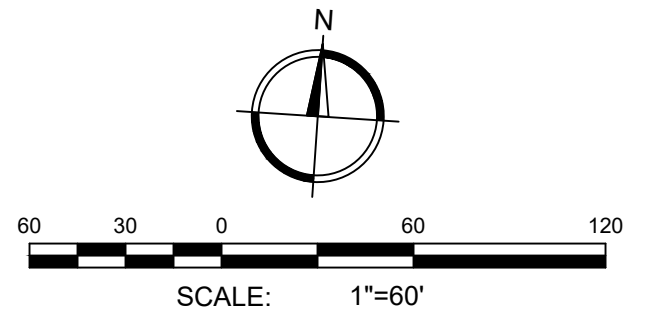


MATCHLINE  
SEE 1/25-0004 FOR CONTINUATION

MATCHLINE  
SEE 1/25-0006 FOR CONTINUATION

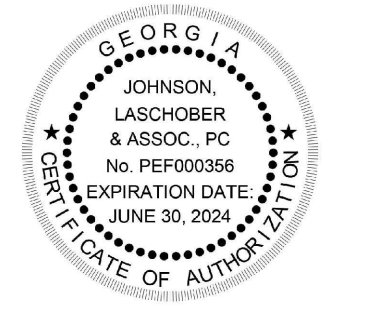
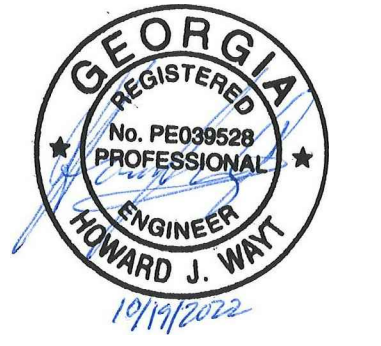
DANIEL FIELD RUNWAY APPROACH AIRSPACE

1 LIGHTING LAYOUT 5 OF 10  
25-0005 SCALE: 1" = 60'



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PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**  
PROJECT LOCATION: WRIGHTSBORO ROAD



REV	DATE	BY	ISSUED FOR BID	DESCRIPTION
0	10/19/2022	HJW		

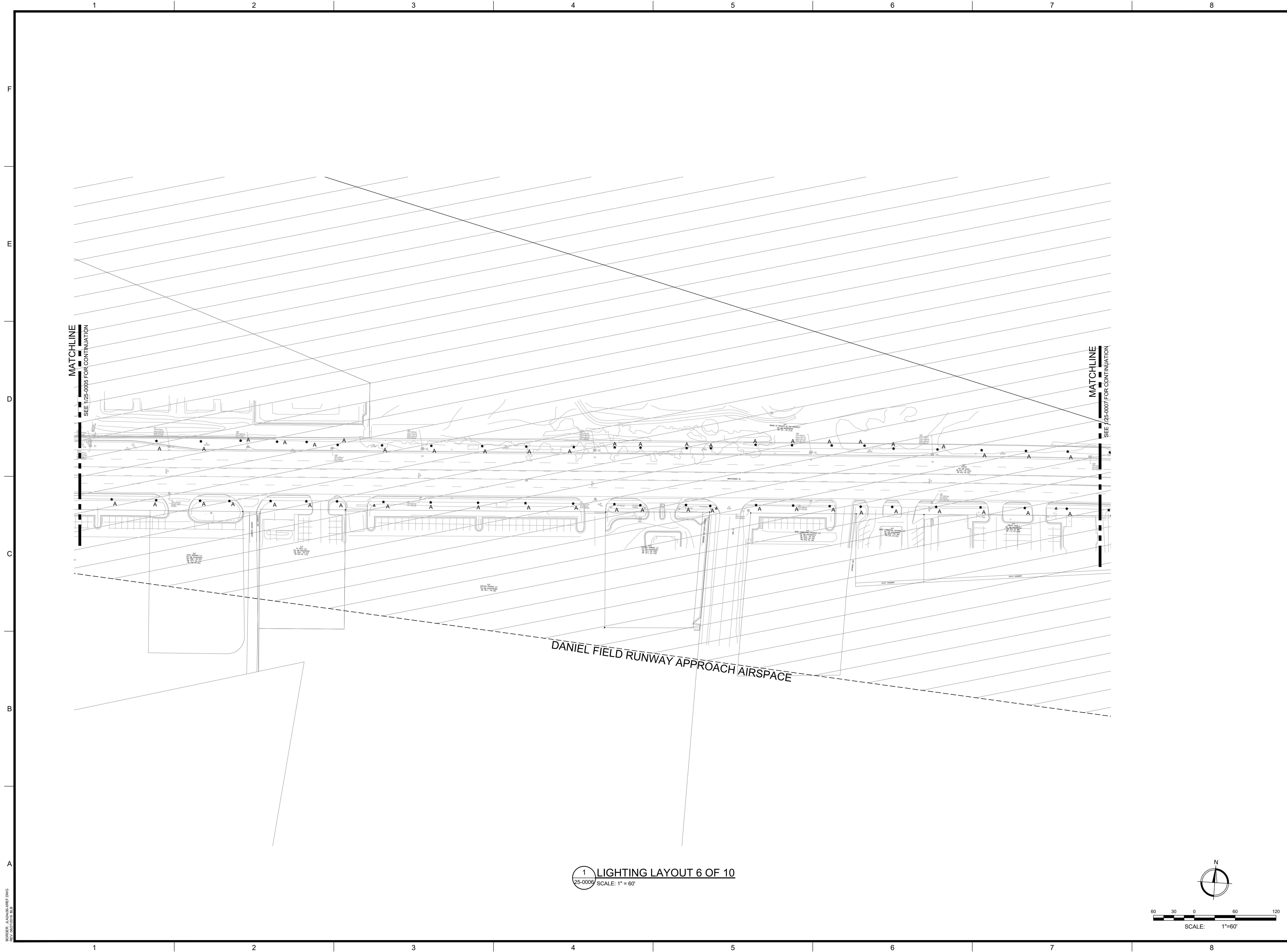
PROJECT NO. 1144.2001  
DRAWN BY: CEB  
CHECKED BY: HJW  
DATE: 10/19/2022

SHEET TITLE:  
**LIGHTING LAYOUT 5 OF 10**

SCALE: AS NOTED  
DRAWING NO. **25-0005** REV. **0**

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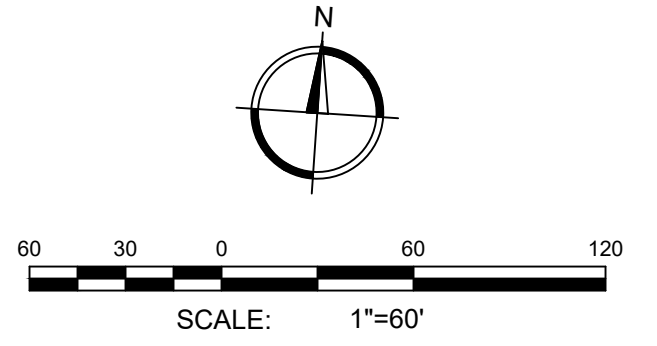


MATCHLINE  
SEE 25-0005 FOR CONTINUATION

MATCHLINE  
SEE 25-0007 FOR CONTINUATION

DANIEL FIELD RUNWAY APPROACH AIRSPACE

1 LIGHTING LAYOUT 6 OF 10  
SCALE: 1" = 60'



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PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**  
PROJECT LOCATION: WRIGHTSBORO ROAD

REGISTERED PROFESSIONAL ENGINEER  
No. PE038529  
HOWARD J. WJW  
1974/2022

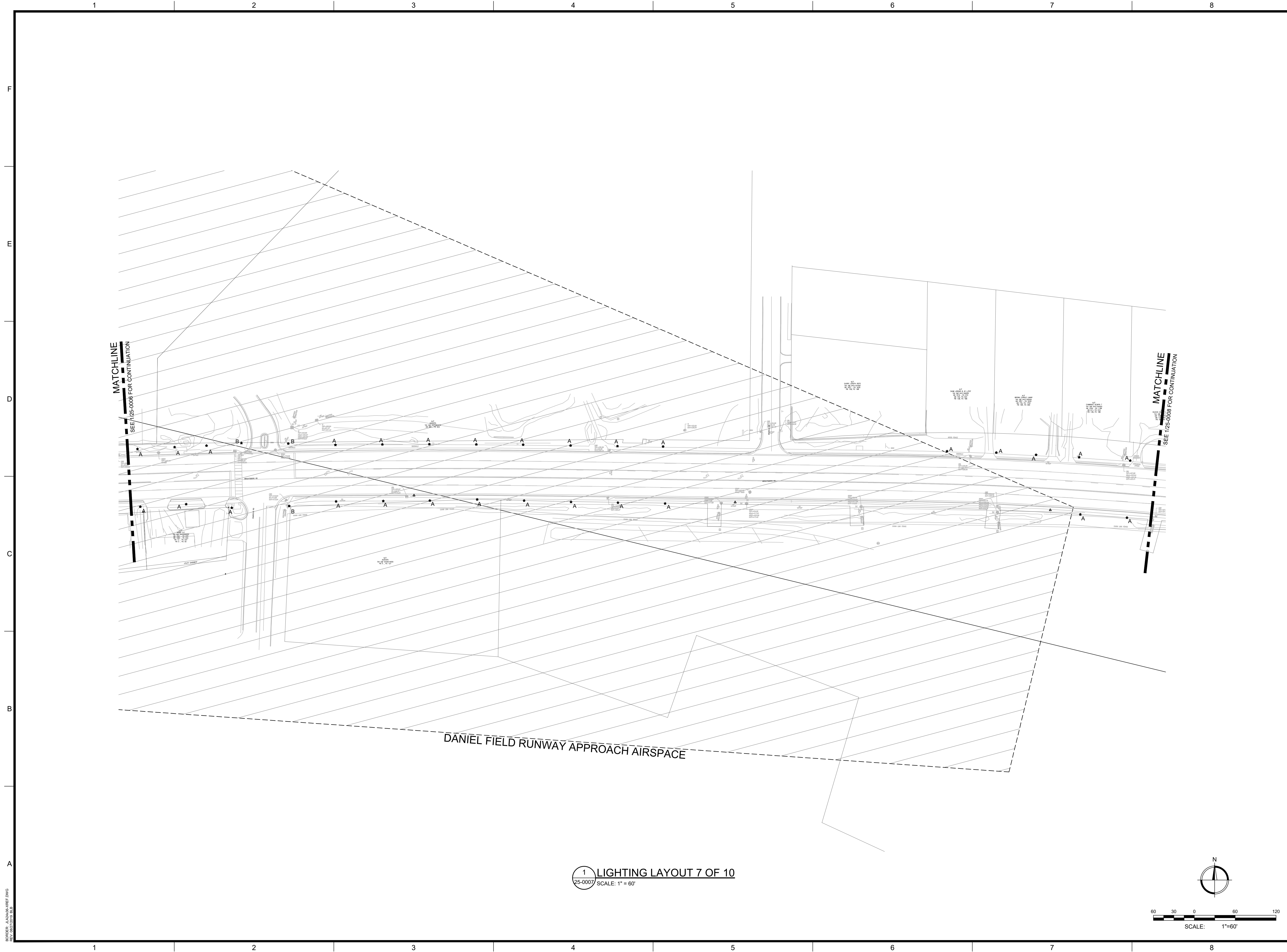
JOHNSON, LASCOBER & ASSOC., P.C.  
No. PE038529  
EXPIRATION DATE: JUNE 30, 2024  
DATE OF AUTHORIZATION

REV	DATE	BY	ISSUED FOR BID	DESCRIPTION
0	10/19/22	HJW		

PROJECT NO. 1144.2001  
DRAWN BY: CEB  
CHECKED BY: HJW  
DATE: 10/19/2022  
SHEET TITLE:  
**LIGHTING LAYOUT 6 OF 10**  
SCALE: AS NOTED  
DRAWING NO. **25-0006** REV. **0**

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PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**

PROJECT LOCATION: WRIGHTSBORO ROAD

REGISTERED PROFESSIONAL ENGINEER  
No. PE038529  
HOWARD J. WIRT  
1974/2022

JOHNSON, LASCOBER & ASSOC. PC  
No. PE038529  
EXPIRATION DATE: JUNE 30, 2024  
IF DATE OF AUTHORITY EXPIRES

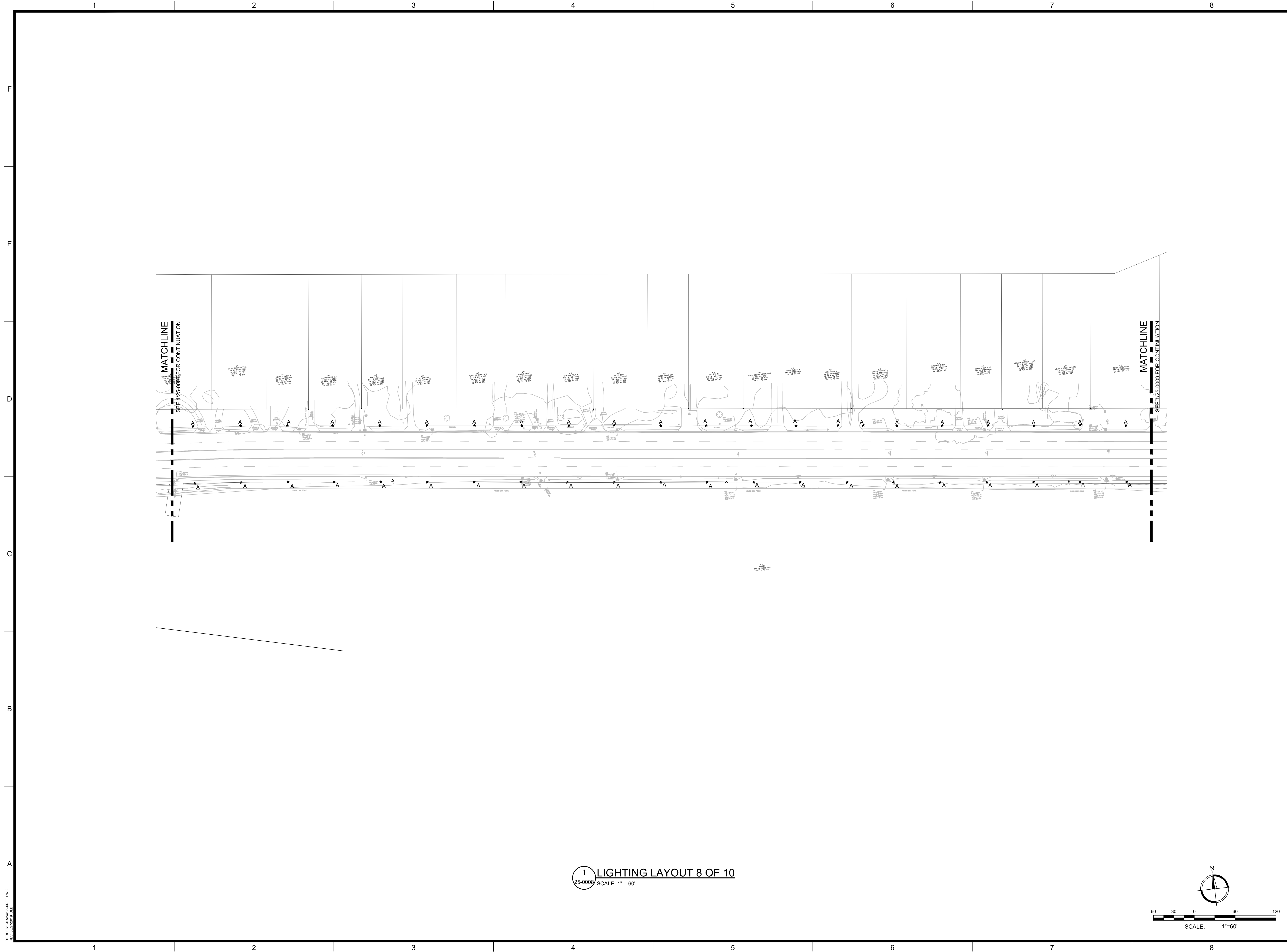
REV	DATE	BY	ISSUED FOR BID	DESCRIPTION
0	10/19/22	HJW		

PROJECT NO. 1144.2001  
DRAWN BY: CEB  
CHECKED BY: HJW  
DATE: 10/19/2022

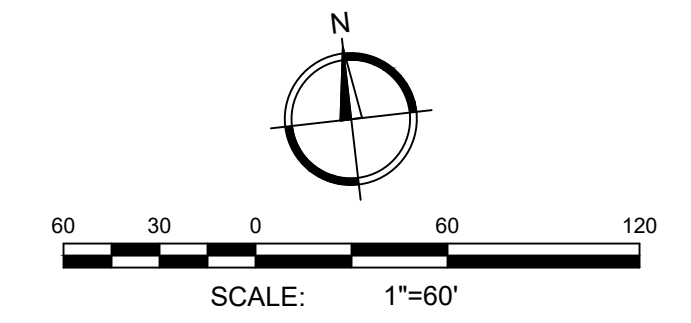
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**LIGHTING LAYOUT 7 OF 10**

SCALE: AS NOTED  
DRAWING NO. **25-0007** REV. **0**

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1 LIGHTING LAYOUT 8 OF 10  
25-0008 SCALE: 1" = 60'



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PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**

PROJECT LOCATION: WRIGHTSBORO ROAD

REV	DATE	BY	ISSUED FOR BID	DESCRIPTION
0	10/19/22	HJW		

PROJECT NO. 1144.2001  
DRAWN BY: CEB  
CHECKED BY: HJW  
DATE: 10/19/2022

SHEET TITLE:  
**LIGHTING LAYOUT 8 OF 10**

SCALE: AS NOTED

DRAWING NO. **25-0008** REV. **0**

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 PROJECT LOCATION: WRIGHTSBORO ROAD

REGISTERED PROFESSIONAL ENGINEER  
 No. PE038529  
 HAWARD J. WINT  
 10/19/2022

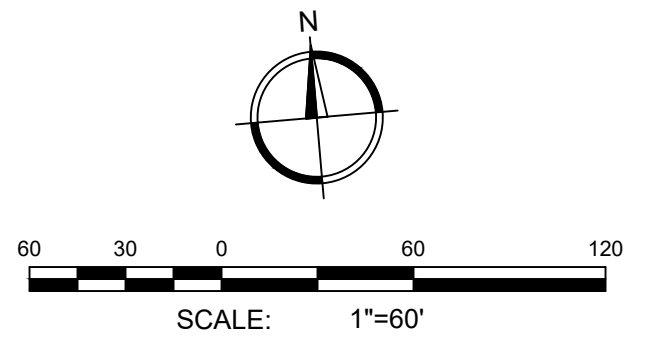
JOHNSON, LASCHOBER & ASSOC., P.C.  
 No. PE038529  
 EXPIRATION DATE: JUNE 30, 2024  
 IF DATE OF AUTHORIZATION

REV	DATE	BY	ISSUED FOR BID	DESCRIPTION
0	10/19/22	HJW		

PROJECT NO. 1144.2001  
 DRAWN BY: CEB  
 CHECKED BY: HJW  
 DATE: 10/19/2022  
 SHEET TITLE:  
**LIGHTING LAYOUT 9 OF 10**

SCALE: AS NOTED  
 DRAWING NO. **25-0009** REV. **0**

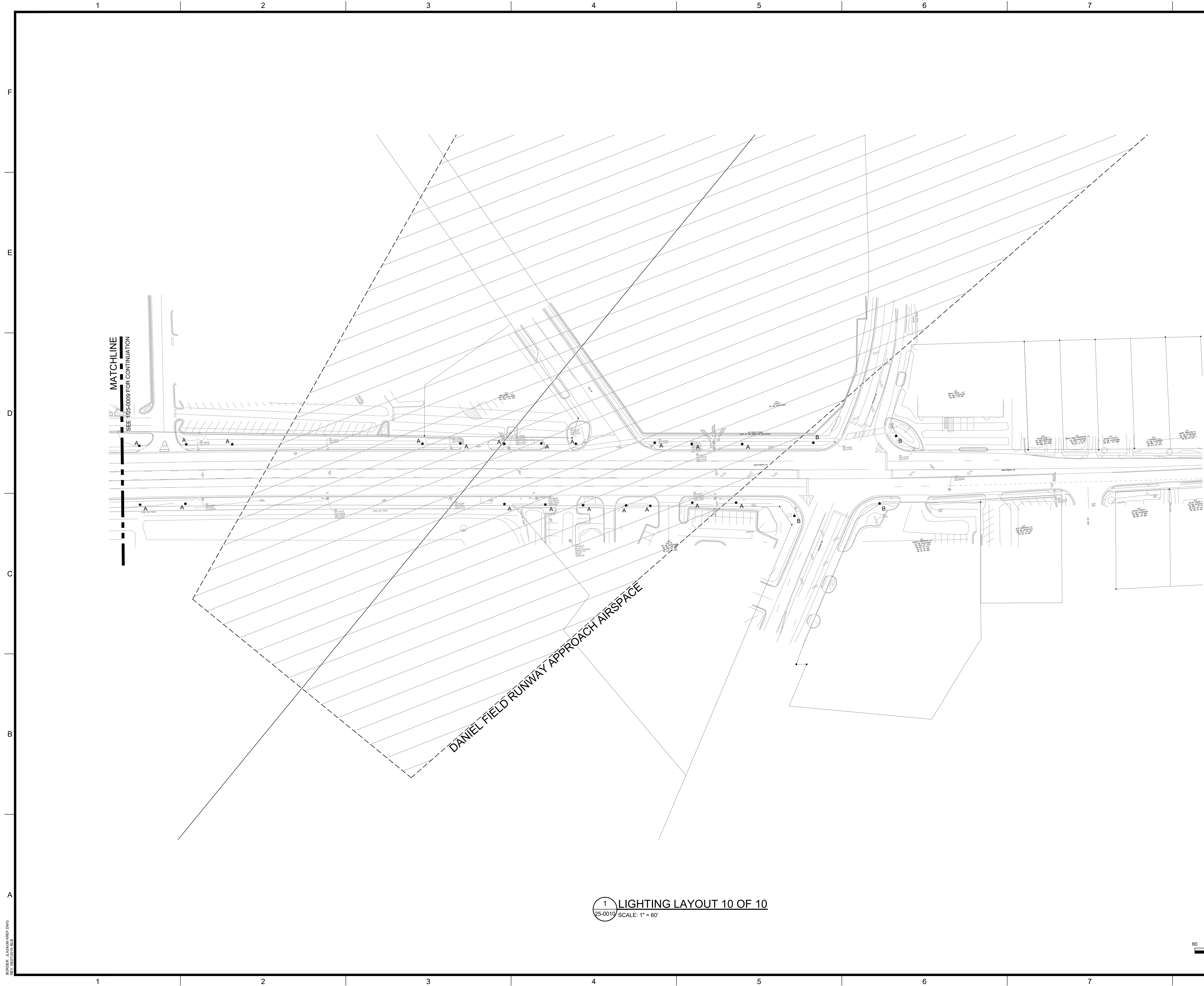
**1 LIGHTING LAYOUT 9 OF 10**  
 25-0009 SCALE: 1" = 60'



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PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**

PROJECT LOCATION: WRIGHTSBORO ROAD

REGISTERED PROFESSIONAL ENGINEER  
 No. PE038529  
 HOWARD J. WINT  
 10/19/2022

JOHNSON, LASCHOB & ASSOC., P.C.  
 No. PE038529  
 EXPIRATION DATE: JUNE 30, 2024  
 STATE OF GEORGIA

REV	DATE	BY	ISSUED FOR BID	DESCRIPTION
0	10/19/22	HJW		

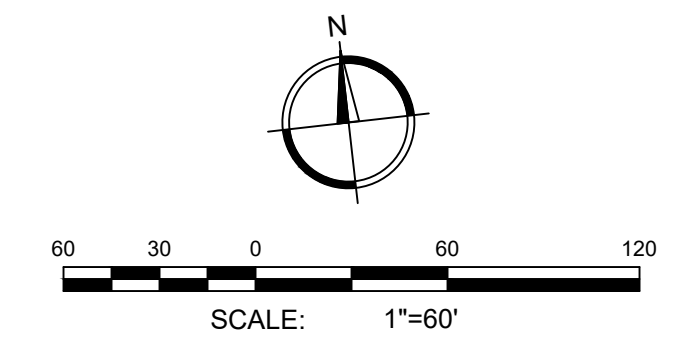
PROJECT NO. 1144.2001  
 DRAWN BY: CEB  
 CHECKED BY: HJW  
 DATE: 10/19/2022

SHEET TITLE:  
**LIGHTING LAYOUT  
 10 OF 10**

SCALE: AS NOTED

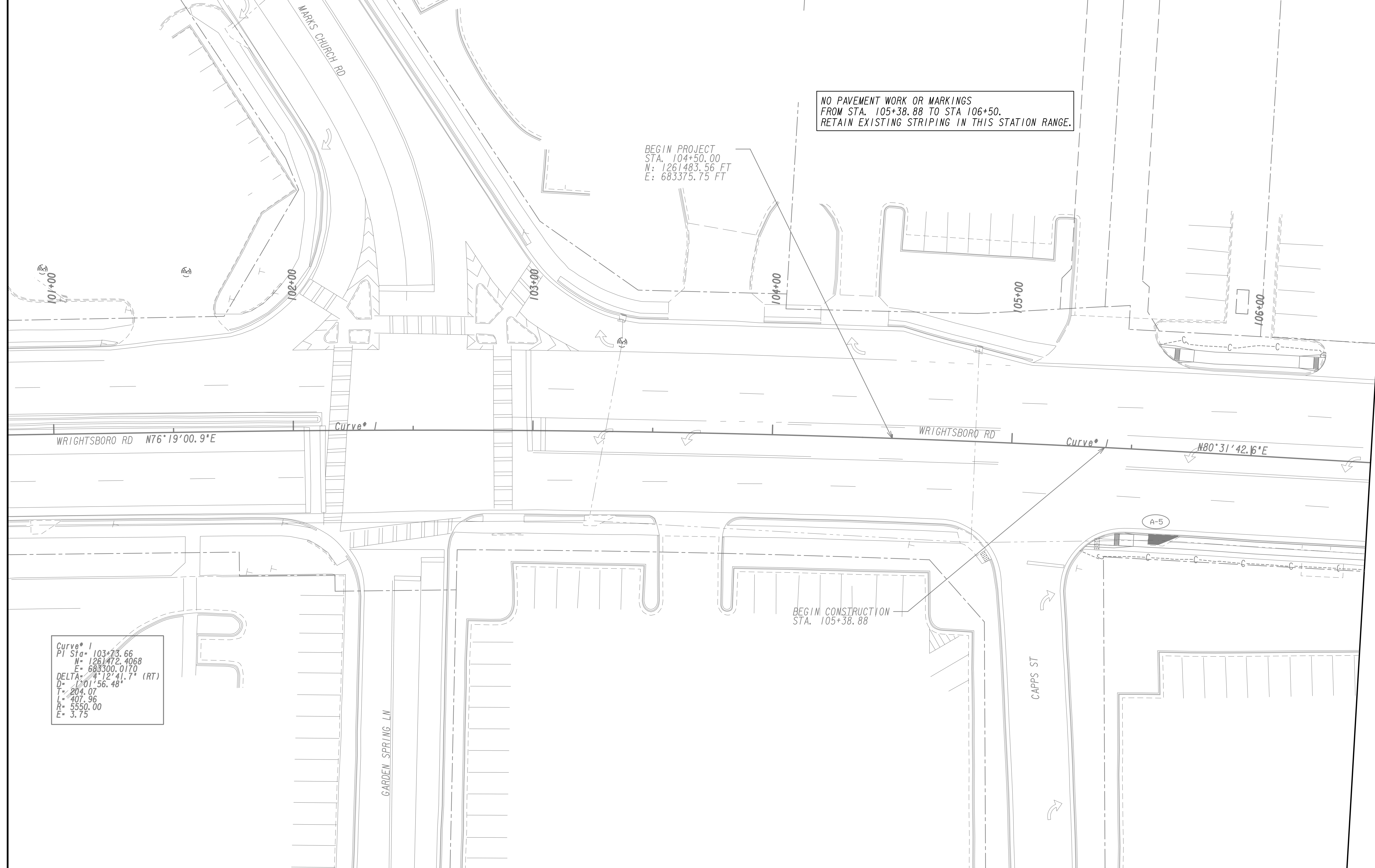
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1 LIGHTING LAYOUT 10 OF 10  
 25-0010 SCALE: 1" = 60'

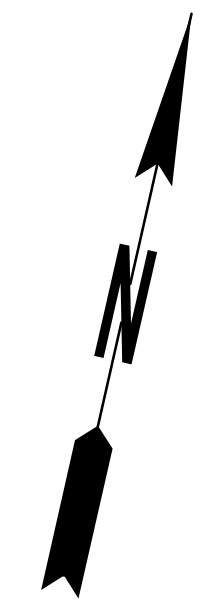


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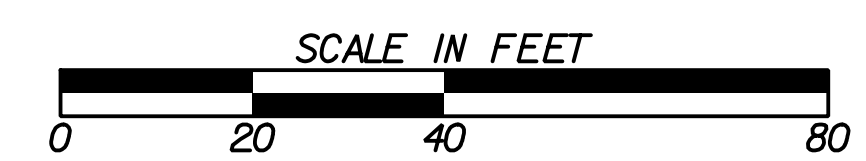


MATCH LINE STA. 106+50  
 SEE DRAWING No. 26-0002



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

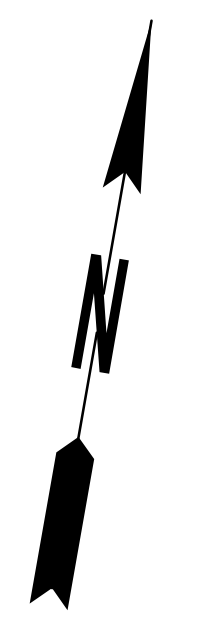
---P--- BEGIN LIMIT OF ACCESS.....BLA  
 --- END LIMIT OF ACCESS.....ELA  
 --- LIMIT OF ACCESS  
 --- REQ'D R/W & LIMIT OF ACCESS  
 --- ORANGE BARRIER FENCE  
 --- ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

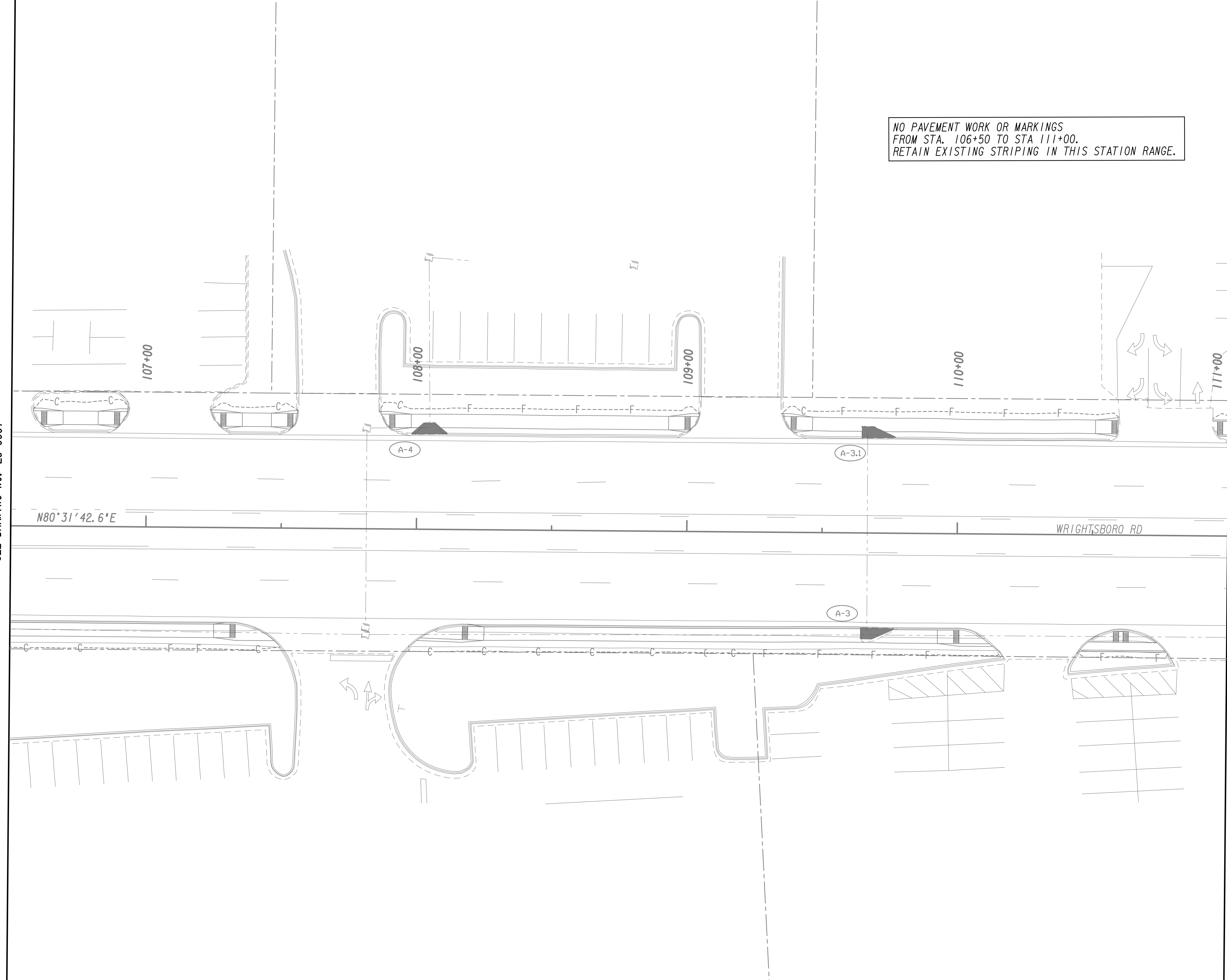
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



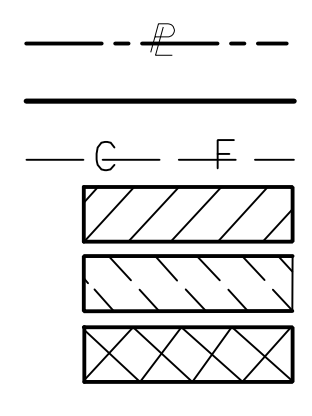
NO PAVEMENT WORK OR MARKINGS  
 FROM STA. 106+50 TO STA 111+00.  
 RETAIN EXISTING STRIPING IN THIS STATION RANGE.

MATCH LINE STA. 106+50  
 SEE DRAWING No. 26-0001

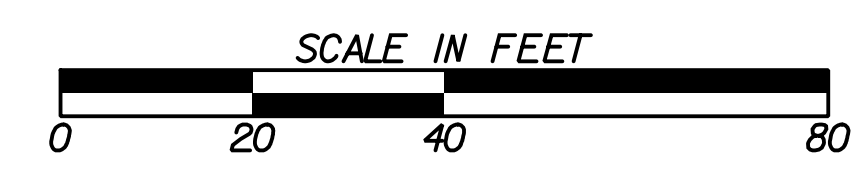
MATCH LINE STA. 111+00  
 SEE DRAWING No. 26-0003



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



REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0002</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

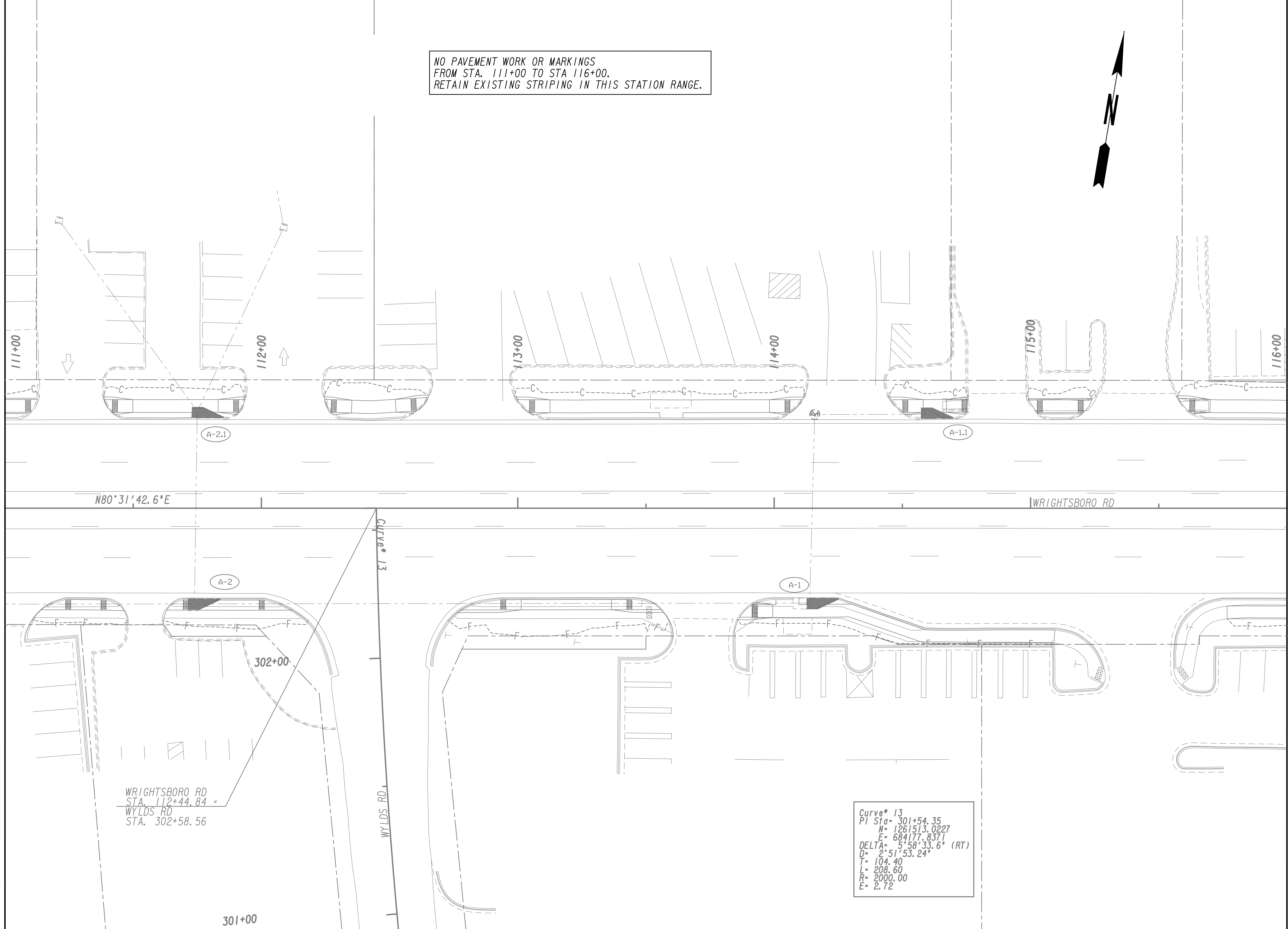


NO PAVEMENT WORK OR MARKINGS  
 FROM STA. 111+00 TO STA 116+00.  
 RETAIN EXISTING STRIPING IN THIS STATION RANGE.



MATCH LINE STA. 111+00  
 SEE DRAWING No. 26-0002

MATCH LINE STA. 116+00  
 SEE DRAWING No. 26-0004



N80°31'42.6"E

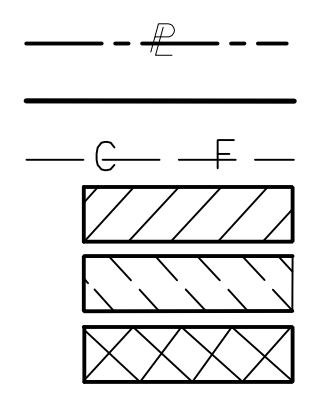
WRIGHTSBORO RD

WRIGHTSBORO RD  
 STA. 112+44.84 =  
 WYLD'S RD  
 STA. 302+58.56

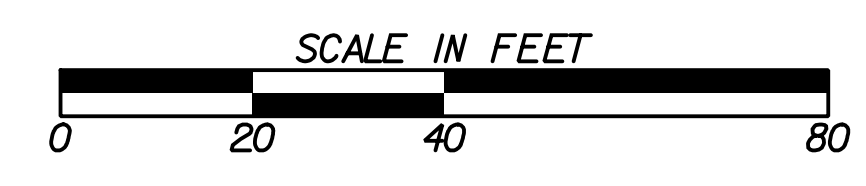
WYLD'S RD

Curve\* 13  
 PI STA= 301+54.35  
 H= 1261513.0227  
 E= 684177.8371  
 DELTA= 5°58'33.6" (RT)  
 D= 2°51'53.24"  
 T= 104.40  
 L= 208.60  
 R= 2000.00  
 E= 2.72

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

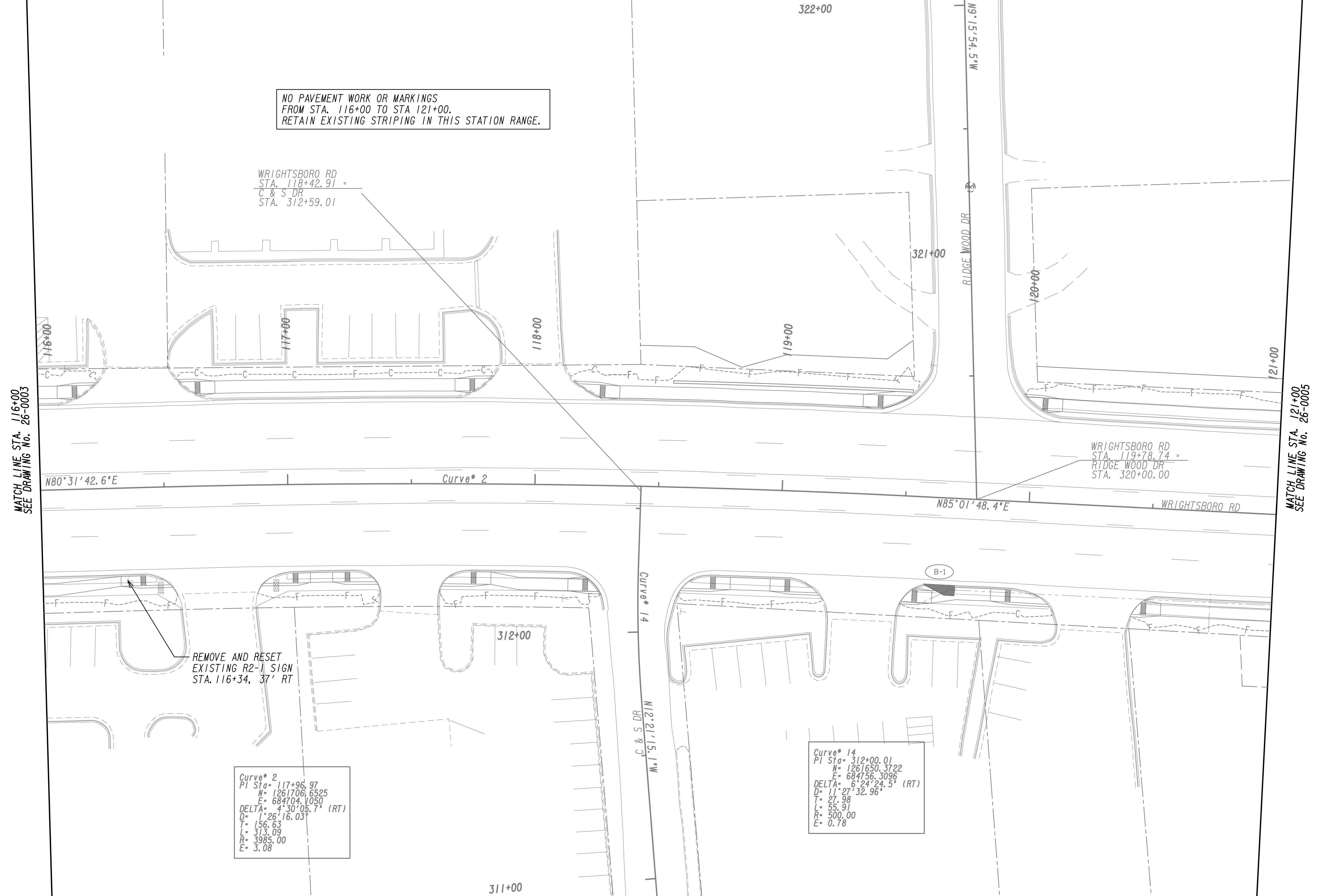


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

SIGNING AND MARKING PLANS WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			26-0003



NO PAVEMENT WORK OR MARKINGS  
 FROM STA. 116+00 TO STA 121+00.  
 RETAIN EXISTING STRIPING IN THIS STATION RANGE.

WRIGHTSBORO RD  
 STA. 118+42.91 =  
 C & S DR  
 STA. 312+59.01

MATCH LINE STA. 116+00  
 SEE DRAWING NO. 26-0003

MATCH LINE STA. 121+00  
 SEE DRAWING NO. 26-0005



N80°31'42.6"E

Curve\* 2

N85°01'48.4"E

WRIGHTSBORO RD

WRIGHTSBORO RD  
 STA. 119+78.74 =  
 RIDGE WOOD DR  
 STA. 320+00.00

REMOVE AND RESET  
 EXISTING R2-1 SIGN  
 STA. 116+34, 37' RT

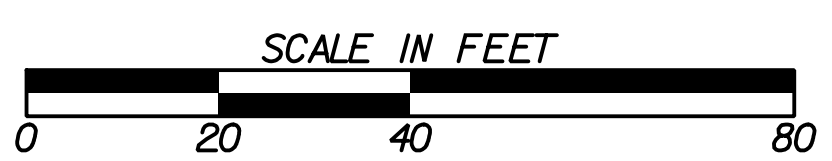
Curve\* 2  
 PI Sta= 117+96.97  
 N= 1261706.6525  
 E= 684704.1050  
 DELTA= 4°30'05.7" (RT)  
 D= 1°26'16.03"  
 L= 156.63  
 T= 313.09  
 R= 3985.00  
 E= 3.08

Curve\* 14  
 PI Sta= 312+00.01  
 N= 1261650.3722  
 E= 684756.3096  
 DELTA= 6°24'24.5" (RT)  
 D= 11°27'32.96"  
 L= 27.98  
 T= 55.91  
 R= 500.00  
 E= 0.78

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

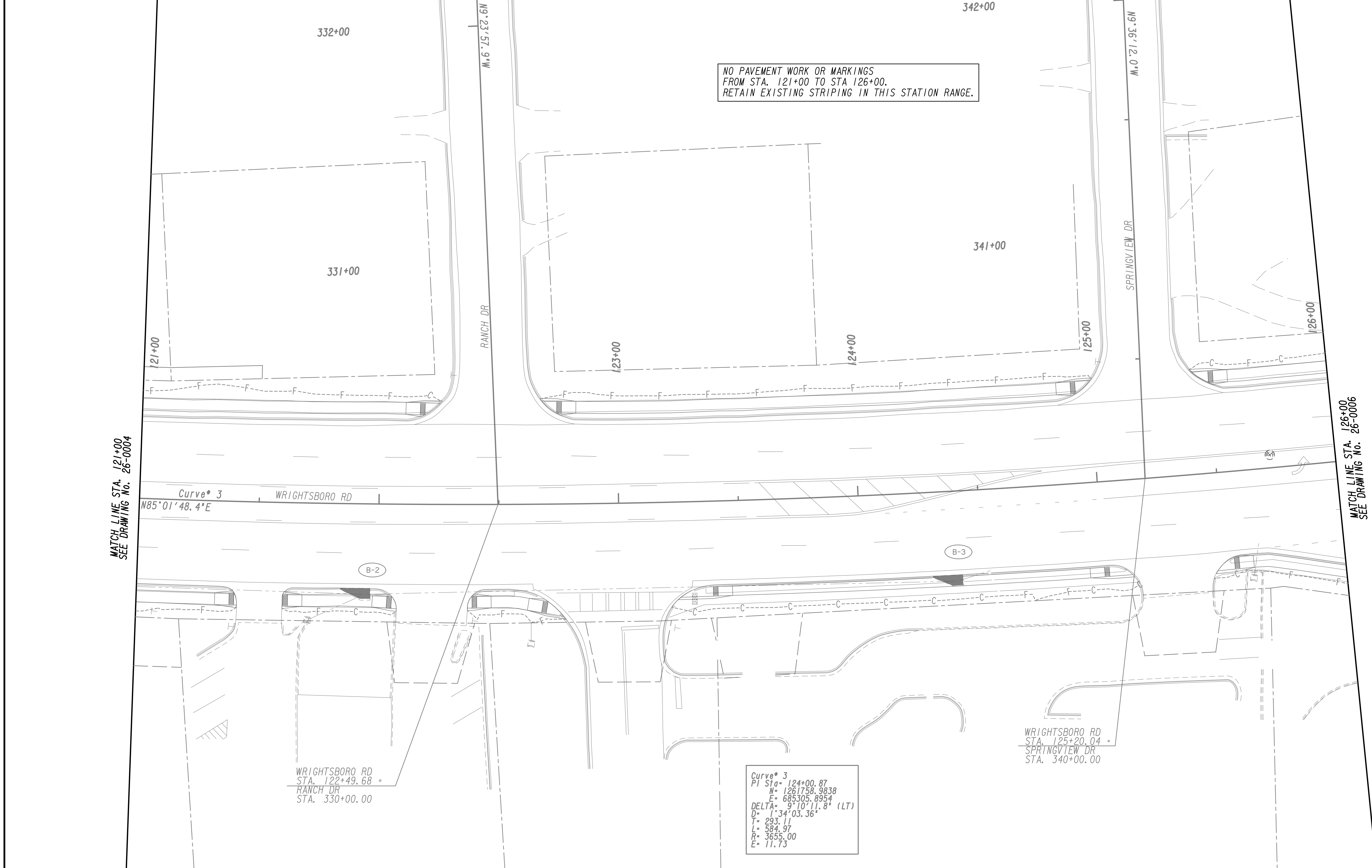
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 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0004</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



NO PAVEMENT WORK OR MARKINGS FROM STA. 121+00 TO STA 126+00. RETAIN EXISTING STRIPING IN THIS STATION RANGE.



MATCH LINE STA. 121+00 SEE DRAWING No. 26-0004

MATCH LINE STA. 126+00 SEE DRAWING No. 26-0006

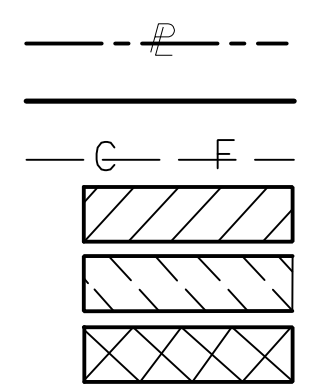
Curve\* 3  
WB5°01'48.4"E  
WRIGHTSBORO RD

WRIGHTSBORO RD  
STA. 122+49.68 =  
RANCH DR  
STA. 330+00.00

Curve\* 3  
PI Sta- 124+00.87  
N= 1261758.9838  
E= 685305.8954  
DELTA= 9°10'11.8" (LT)  
D= 1°34'03.36"  
T= 293.11  
L= 584.97  
R= 3653.00  
E= 11.73

WRIGHTSBORO RD  
STA. 125+20.04 =  
SPRINGVIEW DR  
STA. 340+00.00

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)



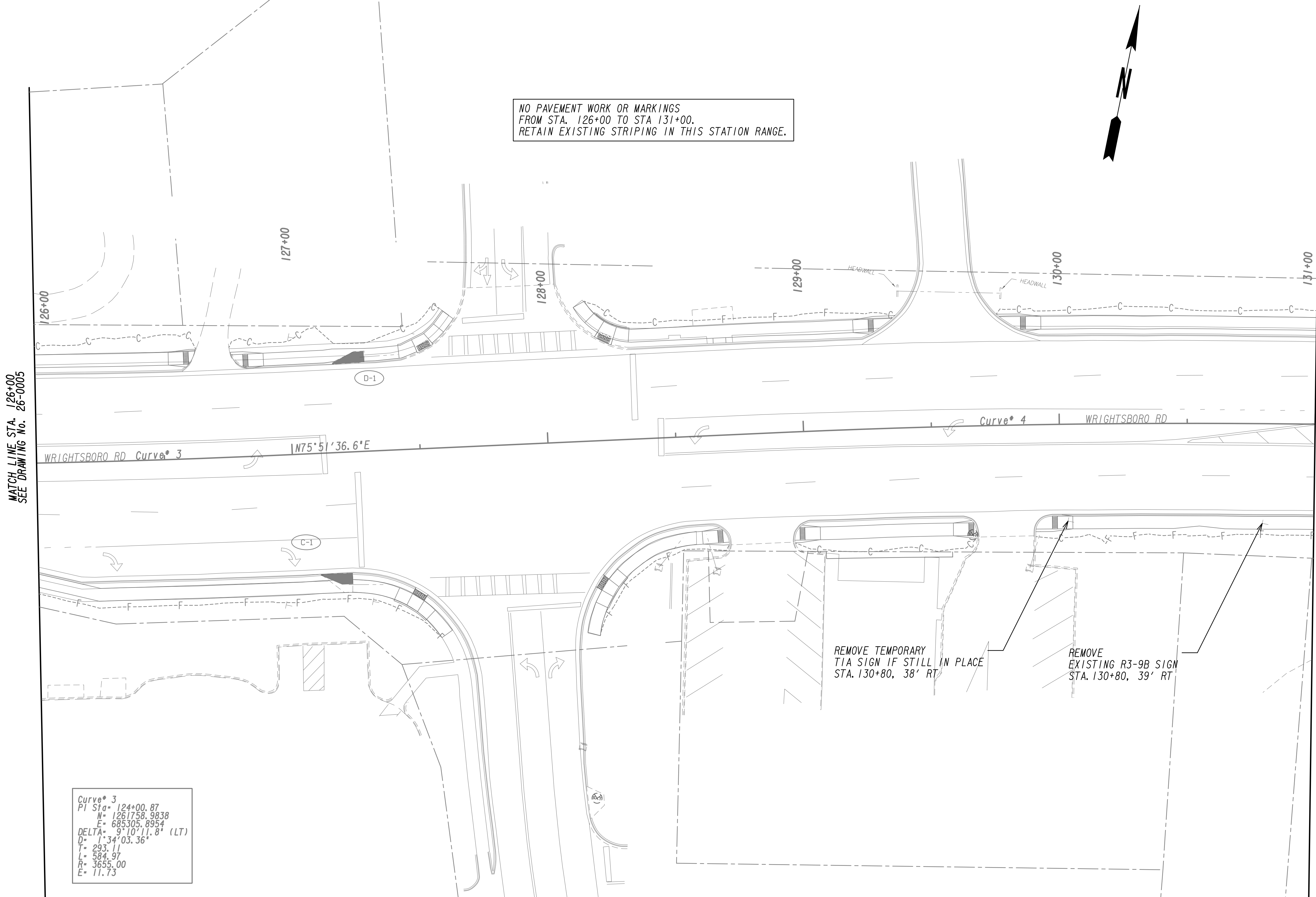
6745 Sugarloaf Parkway, Suite 100  
Duluth, GA 30097  
770.447.8999 - www.chacompanies.com



REVISION DATES	

**SIGNING AND MARKING PLANS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0005</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 126+00 SEE DRAWING No. 26-0005

MATCH LINE STA. 131+00 SEE DRAWING No. 26-0007

Curve\* 3  
 PI Sta= 124+00.87  
 N= 1261758.9838  
 E= 685305.8954  
 DELTA= 9°10'11.8" (LT)  
 D= 34'03.36"  
 L= 293.11  
 T= 584.97  
 R= 3655.00  
 E= 11.73

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



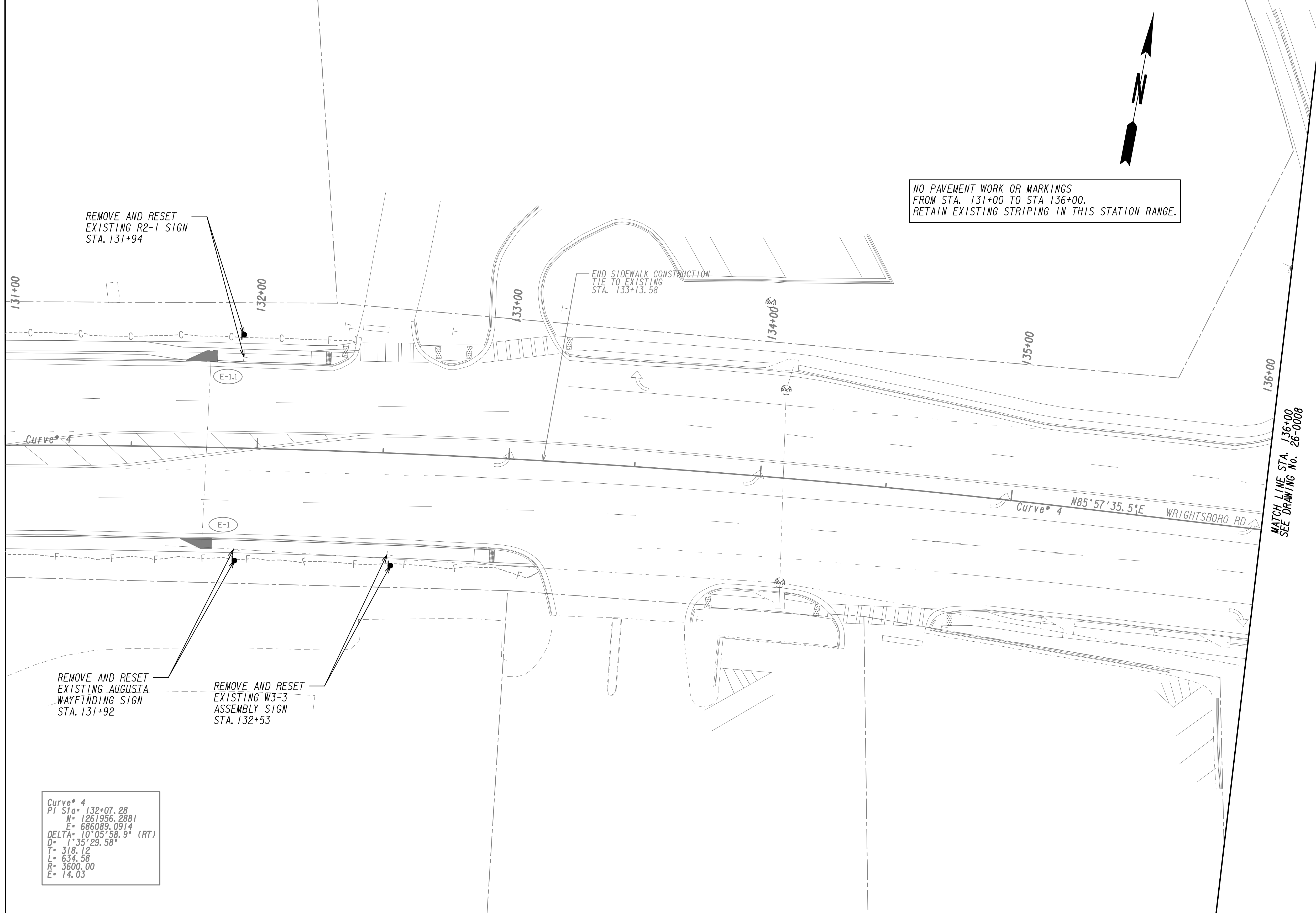
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0006</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

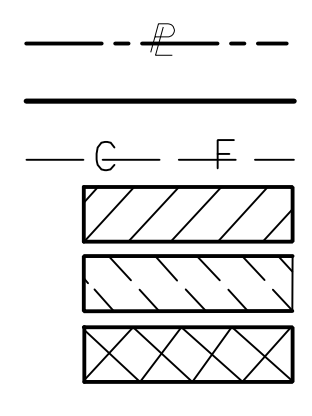
MATCH LINE STA. 131+00  
SEE DRAWING No. 26-0006

MATCH LINE STA. 136+00  
SEE DRAWING No. 26-0008

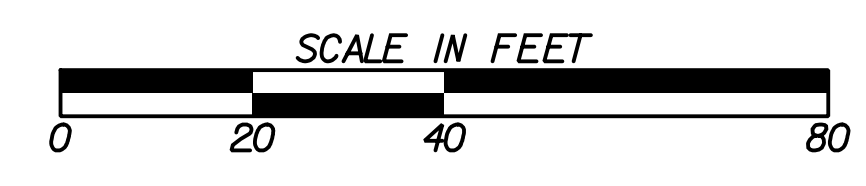


Curve\* 4  
PI Sta= 132+07.28  
N= 1261956.2881  
E= 686089.0914  
DELTA= 10°05'58.9" (RT)  
D= 1°35'29.58"  
T= 318.12  
L= 634.58  
R= 3600.00  
E= 14.03

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

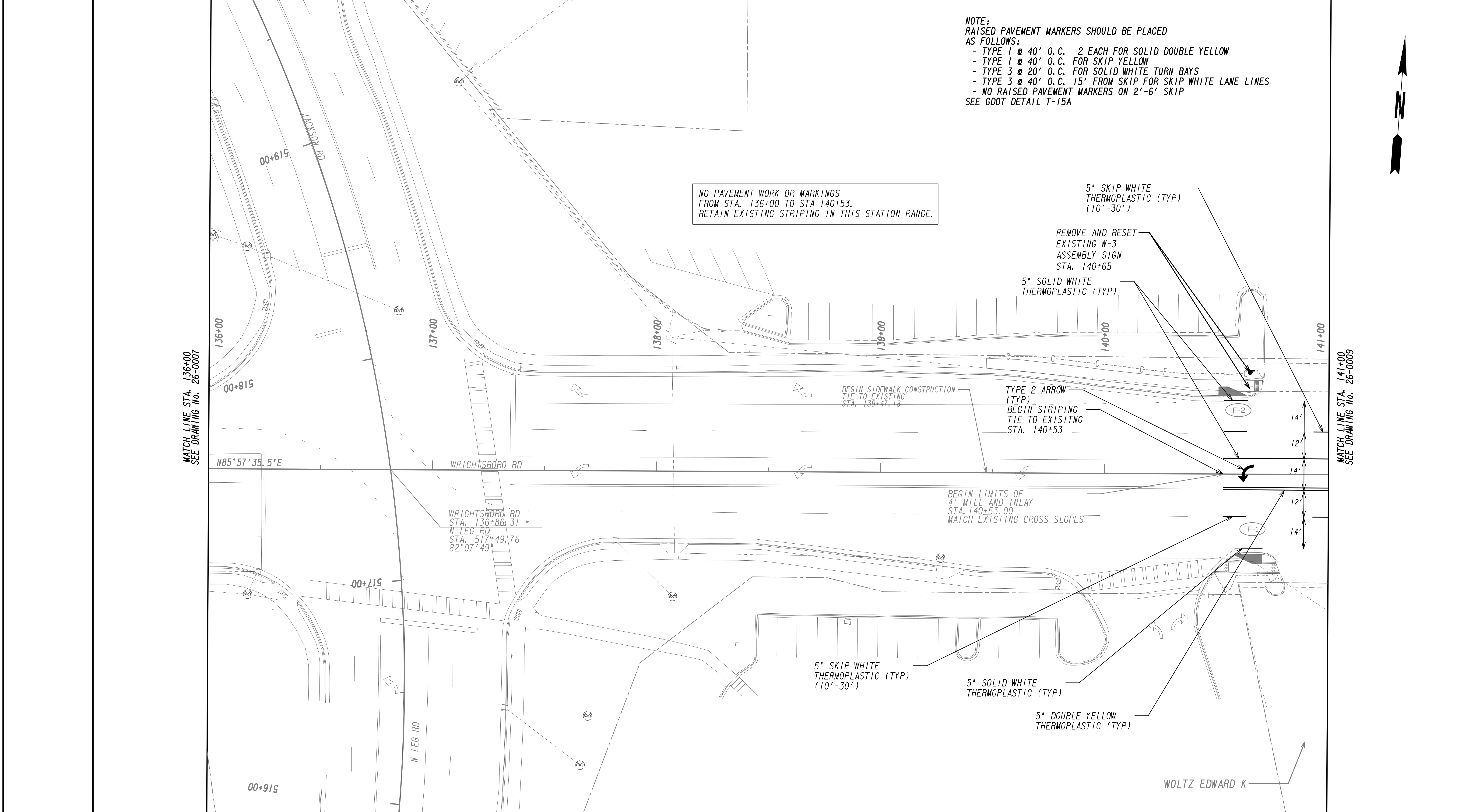


REVISION DATES	

**SIGNING AND MARKING PLANS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0007</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	





**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6\"/>

NO PAVEMENT WORK OR MARKINGS FROM STA. 136+00 TO STA 140+53. RETAIN EXISTING STRIPING IN THIS STATION RANGE.



MATCH LINE STA. 136+00 SEE DRAWING NO. 26-0007

MATCH LINE STA. 141+00 SEE DRAWING NO. 26-0009

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

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



REVISION DATES	

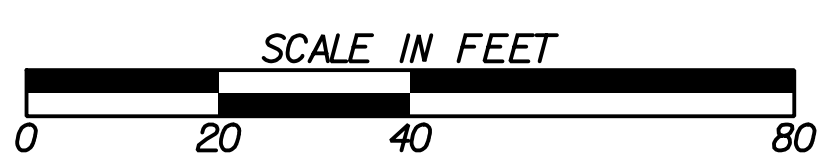
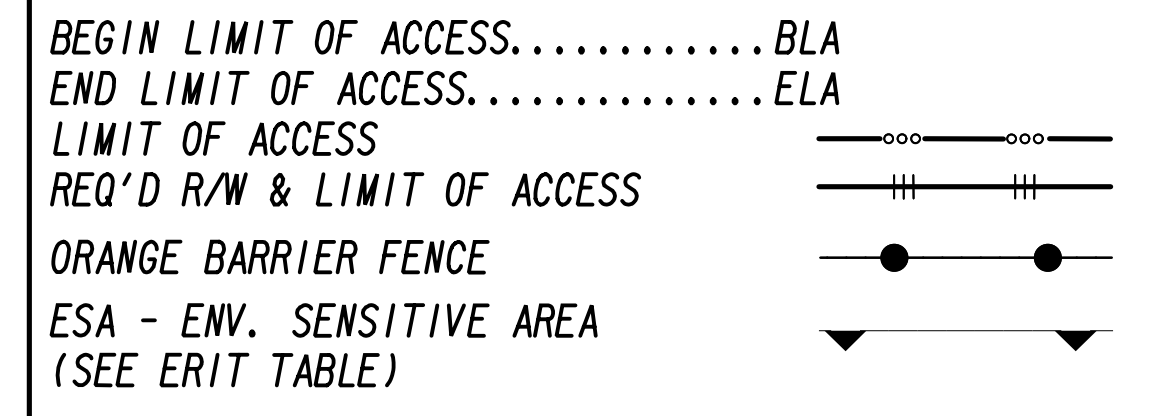
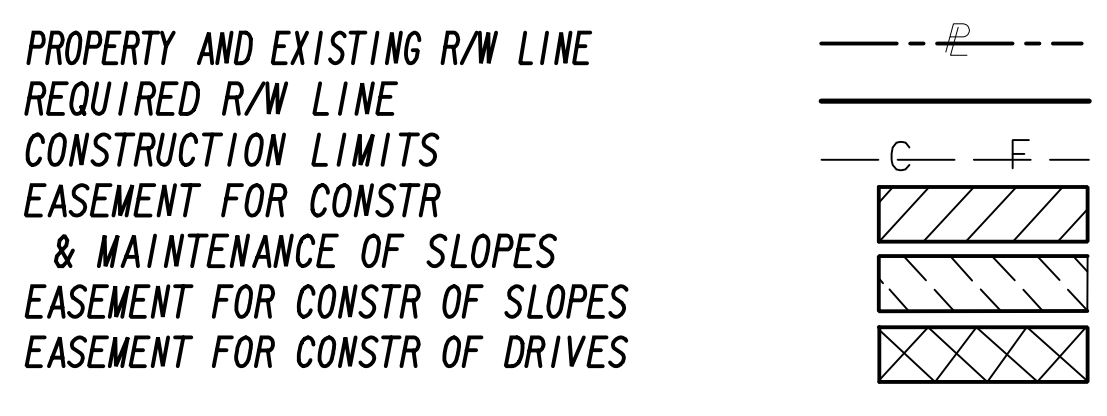
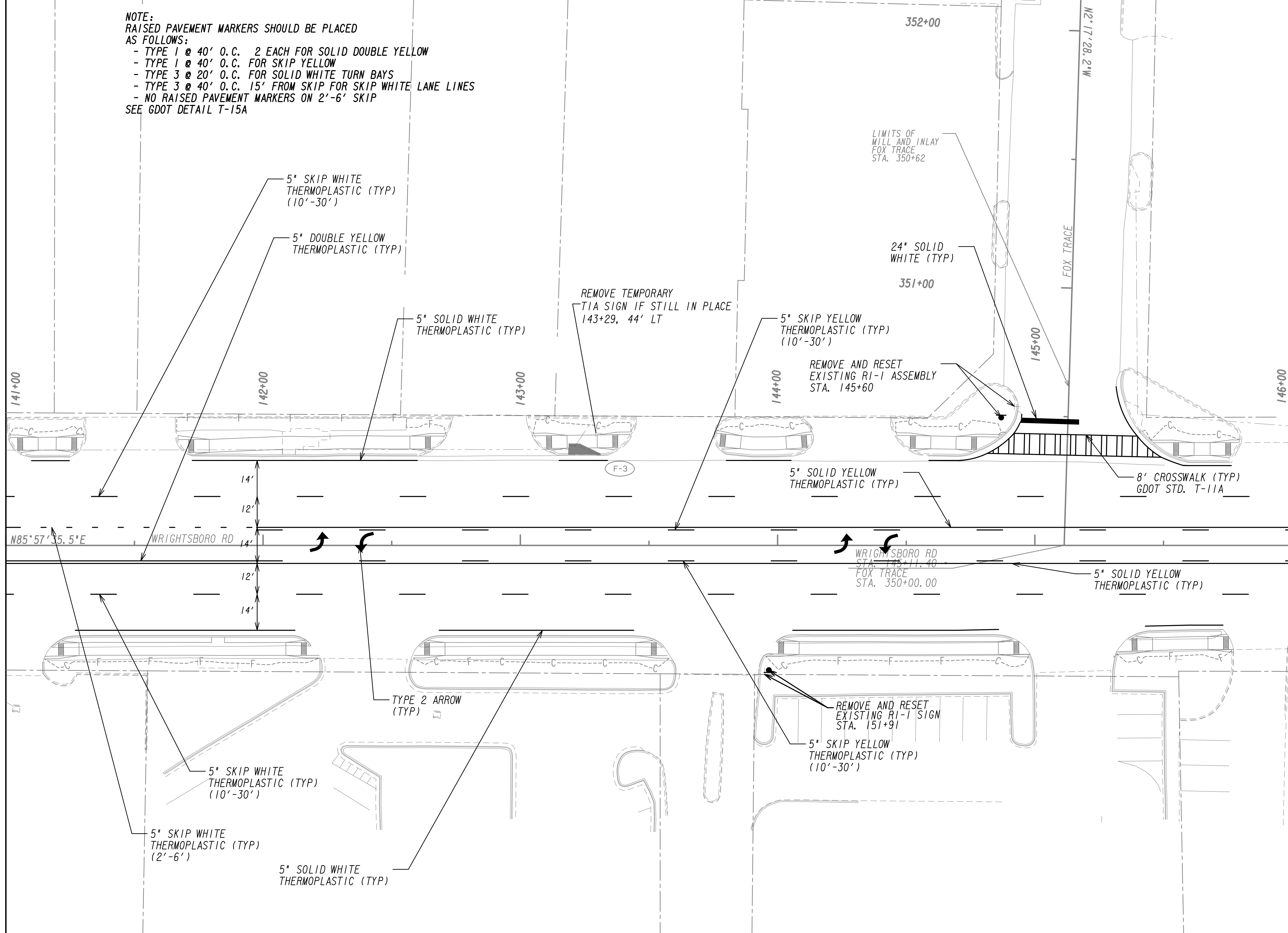
**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0008</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A

MATCH LINE STA. 141+00 SEE DRAWING NO. 26-0008

MATCH LINE STA. 146+00 SEE DRAWING NO. 26-0010

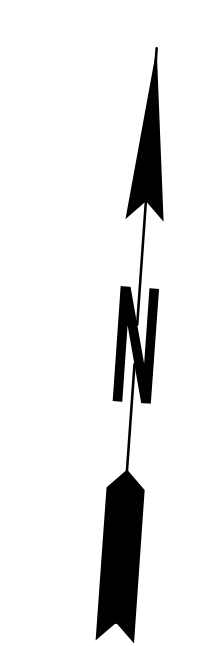


REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

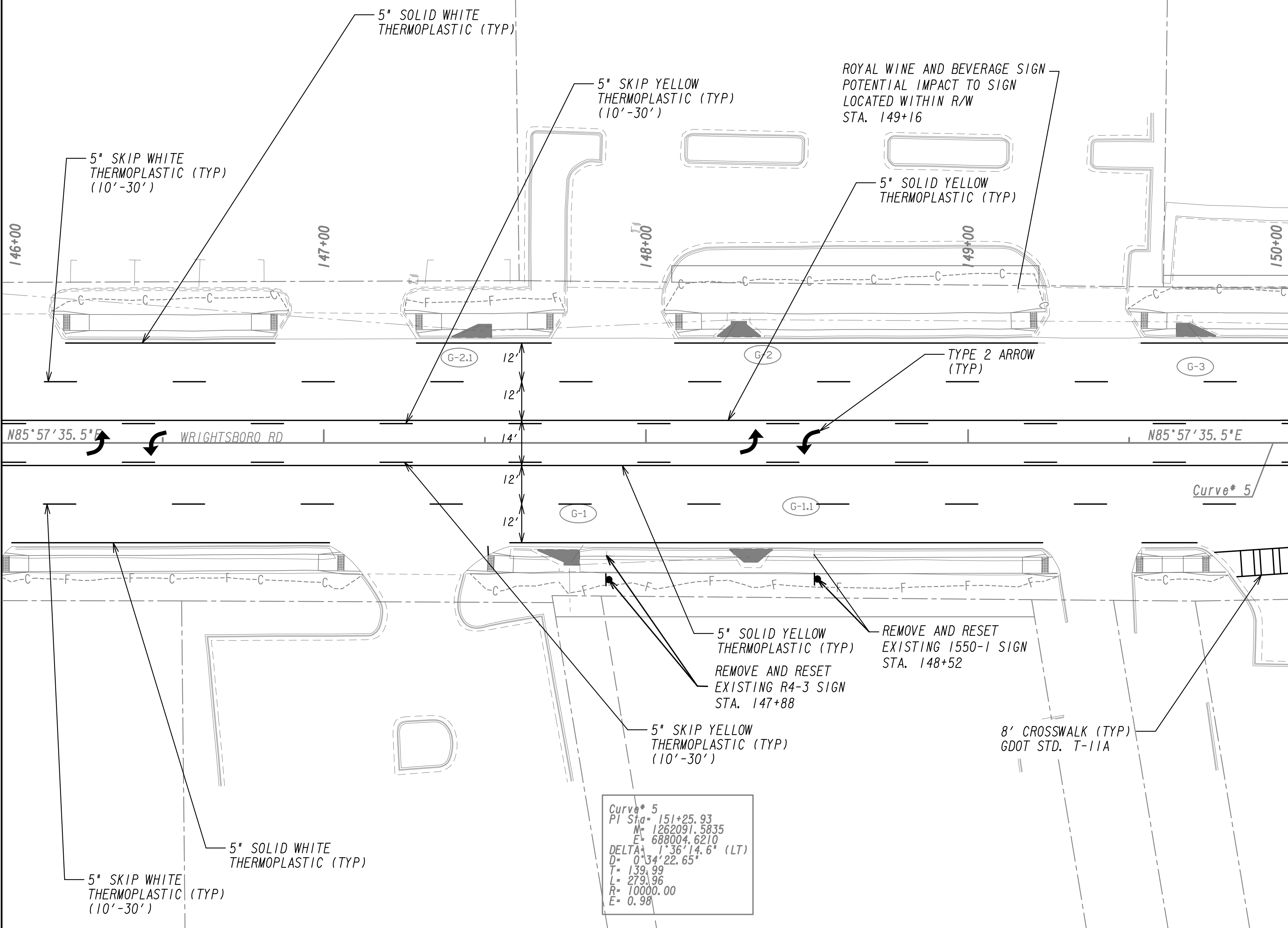
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0009
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



MATCH LINE STA. 146+00  
 SEE DRAWING NO. 26-0009

MATCH LINE STA. 150+00  
 SEE DRAWING NO. 26-0011



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

---P---  
 ---C---F---  
  
 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)

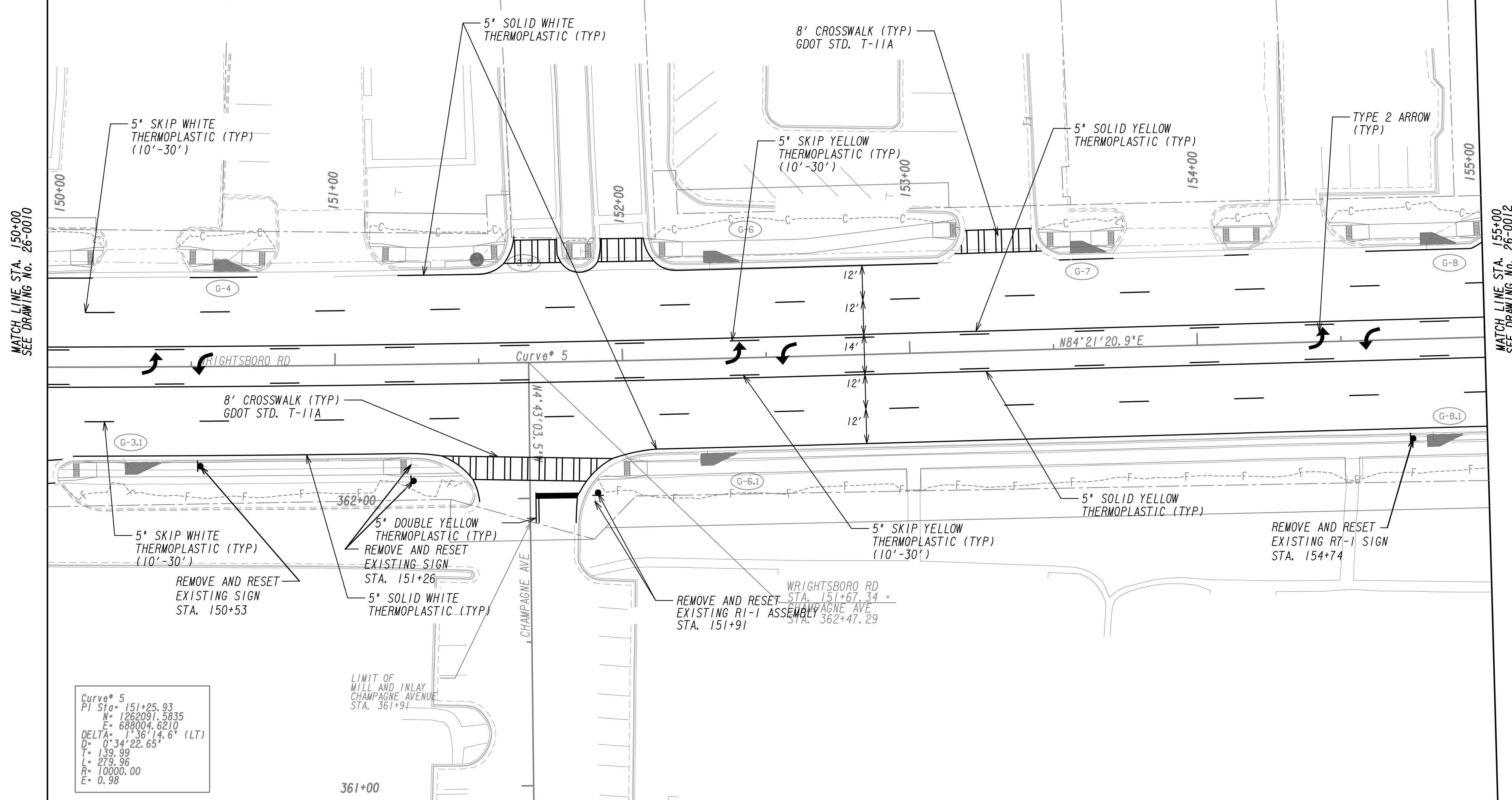


REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0010</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A

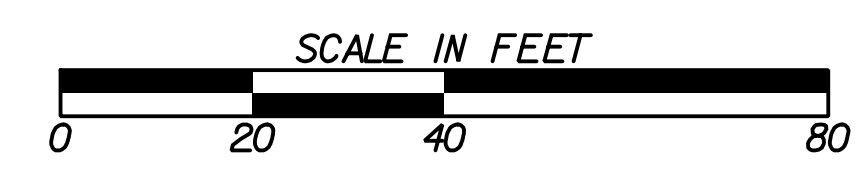


MATCH LINE STA. 150+00  
 SEE DRAWING No. 26-0010

MATCH LINE STA. 155+00  
 SEE DRAWING No. 26-0012

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)

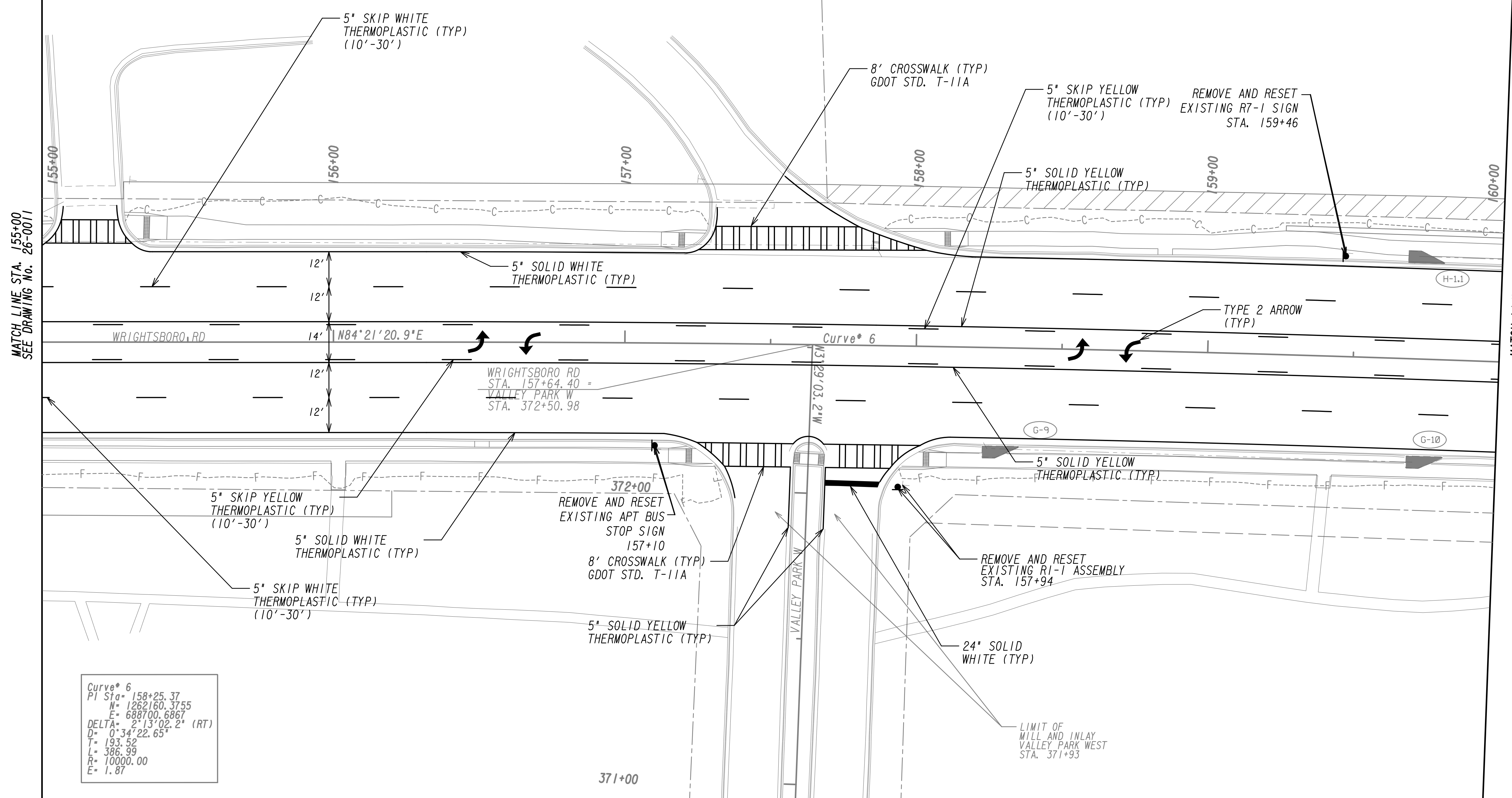
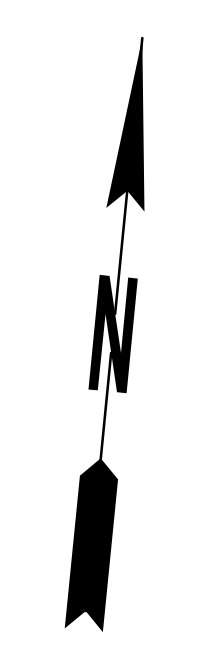


REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0011
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



MATCH LINE STA. 155+00  
 SEE DRAWING No. 26-0011

MATCH LINE STA. 160+00  
 SEE DRAWING No. 26-0013

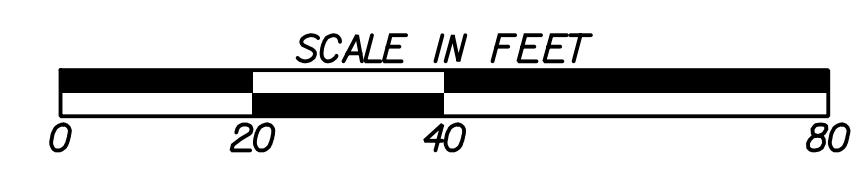
Curve\* 6  
 PI Sta. 158+25.37  
 N= 1262160.3755  
 E= 688700.6867  
 DELTA= 2°13'02.2" (RT)  
 D= 0°34'22.65"  
 T= 193.52  
 L= 386.99  
 R= 10000.00  
 E= 1.87

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

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0012
CORRECTED:	DATE:	
VERIFIED:	DATE:	

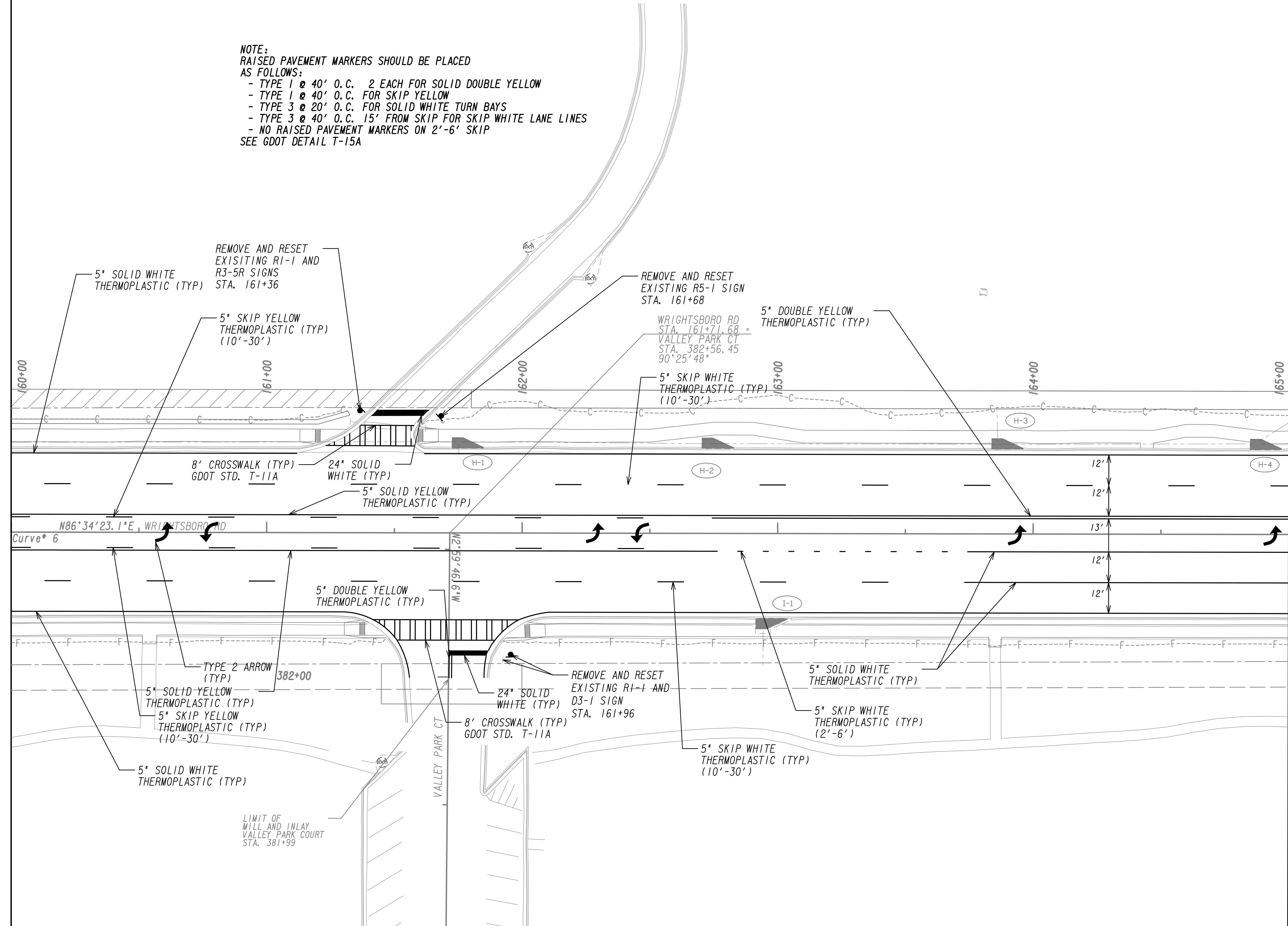


**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED  
 AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



MATCH LINE STA. 160+00  
 SEE DRAWING No. 26-0012

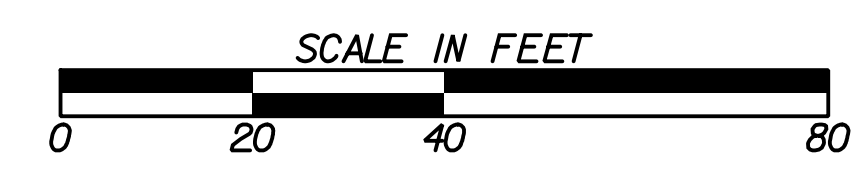
MATCH LINE STA. 165+00  
 SEE DRAWING No. 26-0014



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

---P---  
 ---G---F---  
 [Hatched Box]  
 [Hatched Box]  
 [Hatched Box]

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)



REVISION DATES	

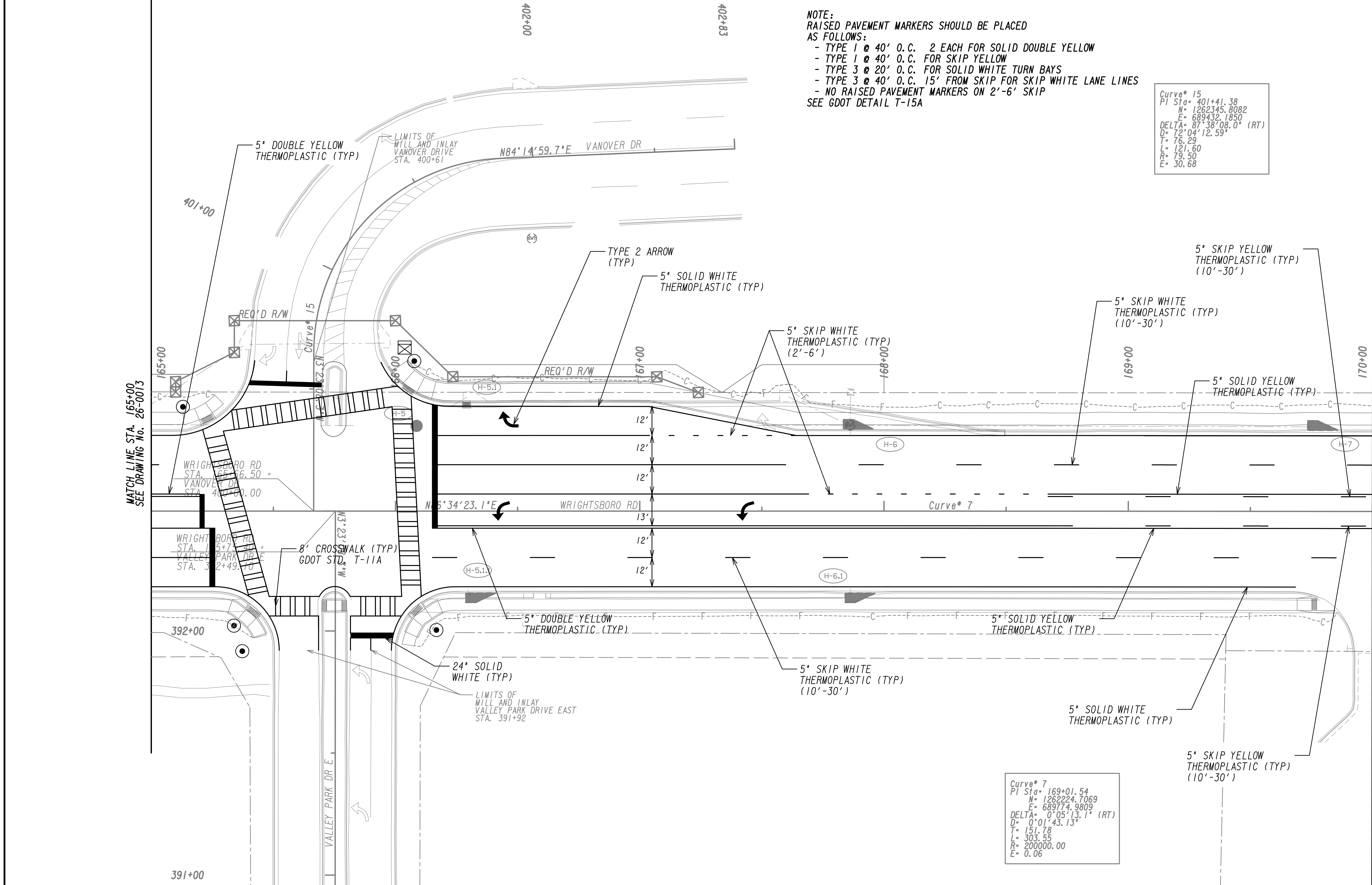
**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0013
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A

Curve\* 15  
 PI Sta= 401+41.38  
 H= 1262345.8082  
 E= 689432.1850  
 DELTA= 87°38'08.0" (RT)  
 D= 72°04'12.59"  
 T= 76.29  
 L= 121.60  
 R= 79.50  
 E= 30.68

Curve\* 7  
 PI Sta= 169+01.54  
 H= 1262224.7069  
 E= 689774.9809  
 DELTA= 0°05'13.1" (RT)  
 D= 0°01'43.13"  
 T= 151.78  
 L= 303.55  
 R= 200000.00  
 E= 0.06



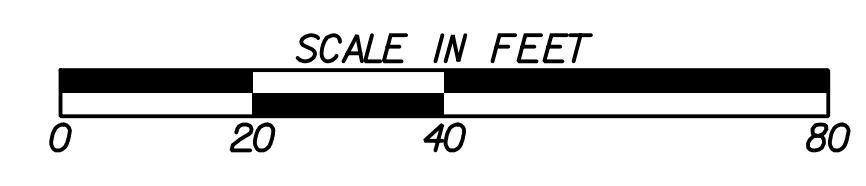
MATCH LINE STA. 165+00  
 SEE DRAWING NO. 26-0013

MATCH LINE STA. 170+00  
 SEE DRAWING NO. 26-0015



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

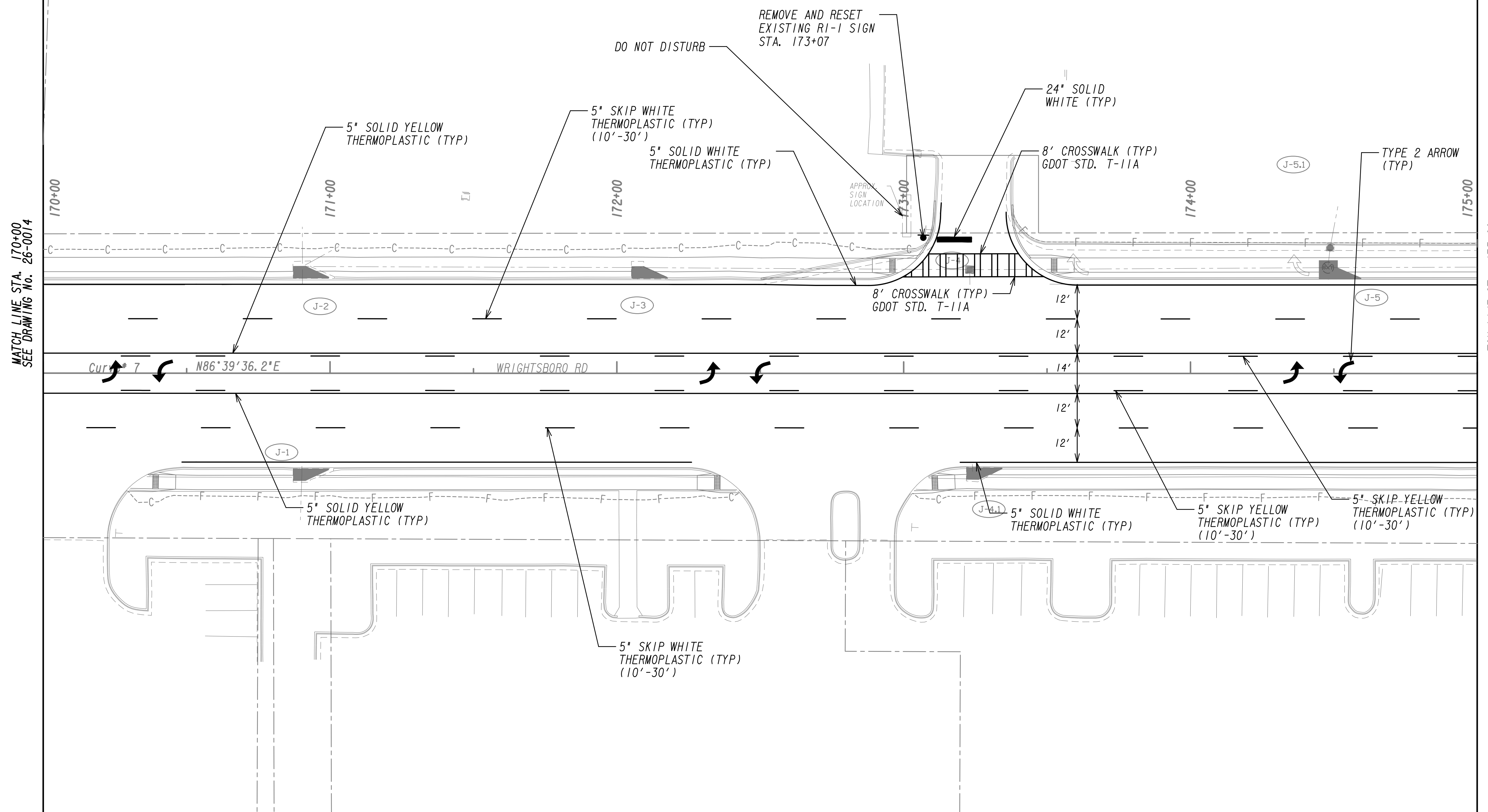
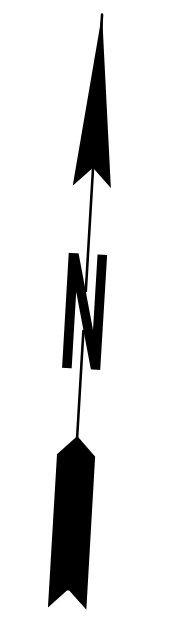


REVISION DATES	

SIGNING AND MARKING PLANS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			26-0014

Curve # 7  
 PI Sta = 169+01.54  
 N = 1262224.7069  
 E = 689774.9809  
 DELTA = 0° 05' 13.1" (RT)  
 D = 0° 01' 43.13"  
 T = 151.78  
 L = 303.55  
 R = 200000.00  
 E = 0.06

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6' SKIP  
 SEE GDOT DETAIL T-15A



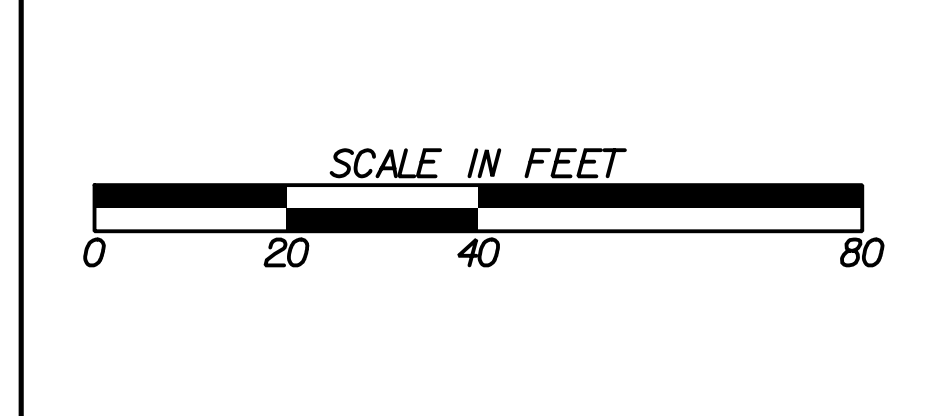
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

--- P ---  
 --- C --- F ---  
 [Hatched Box]  
 [Hatched Box]  
 [Hatched Box]

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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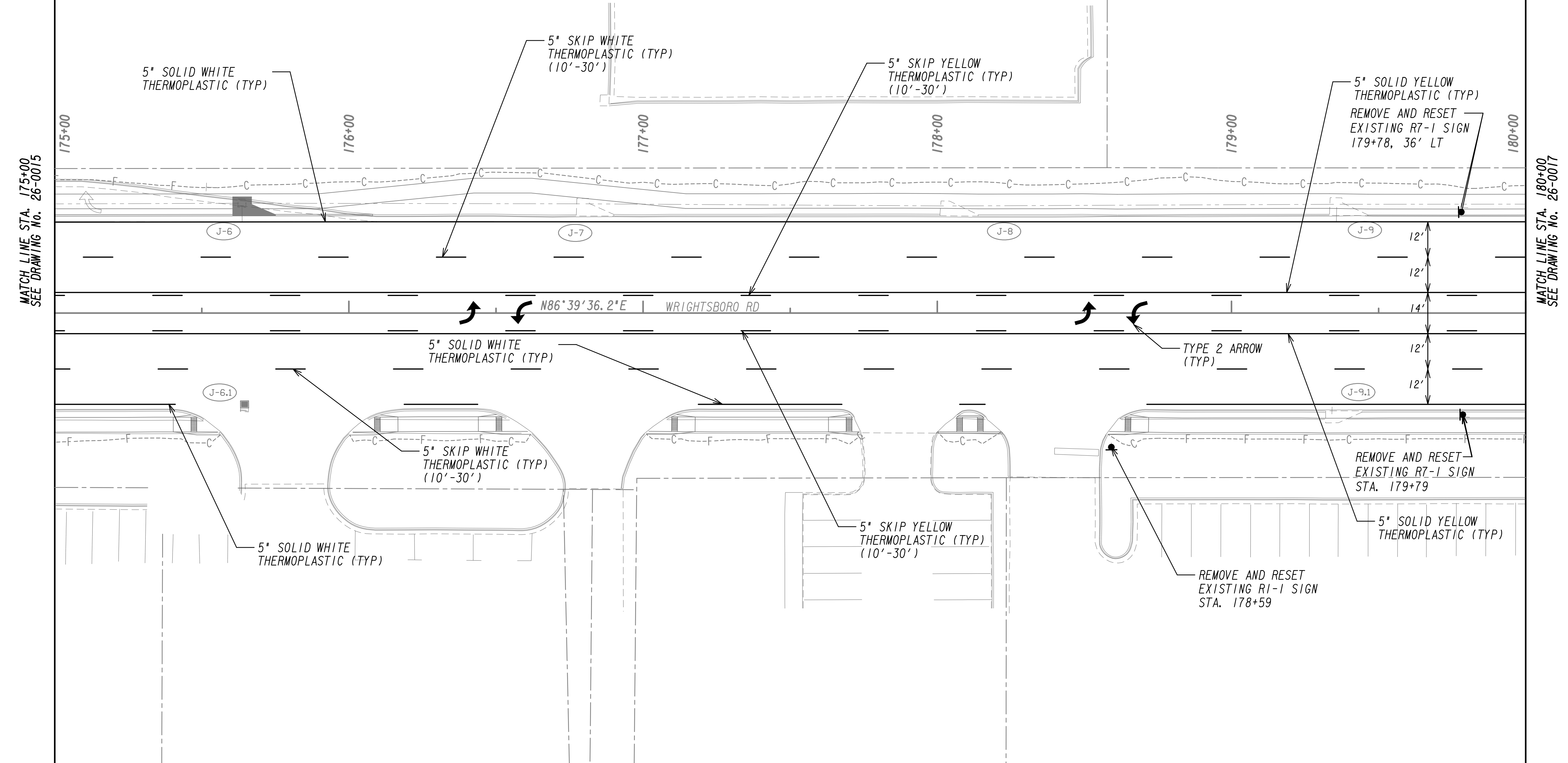
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0015
CORRECTED:	DATE:	
VERIFIED:	DATE:	



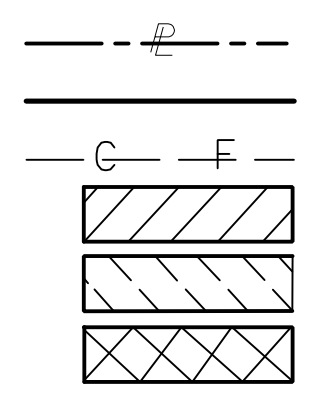
**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



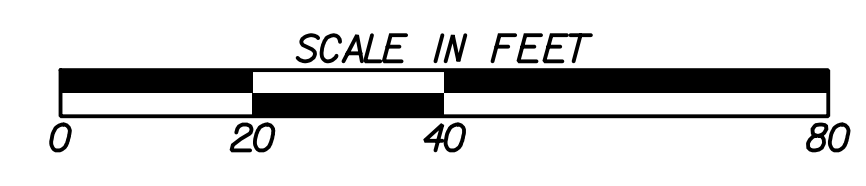
MATCH LINE STA. 175+00  
SEE DRAWING No. 26-0015

MATCH LINE STA. 180+00  
SEE DRAWING No. 26-0017

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

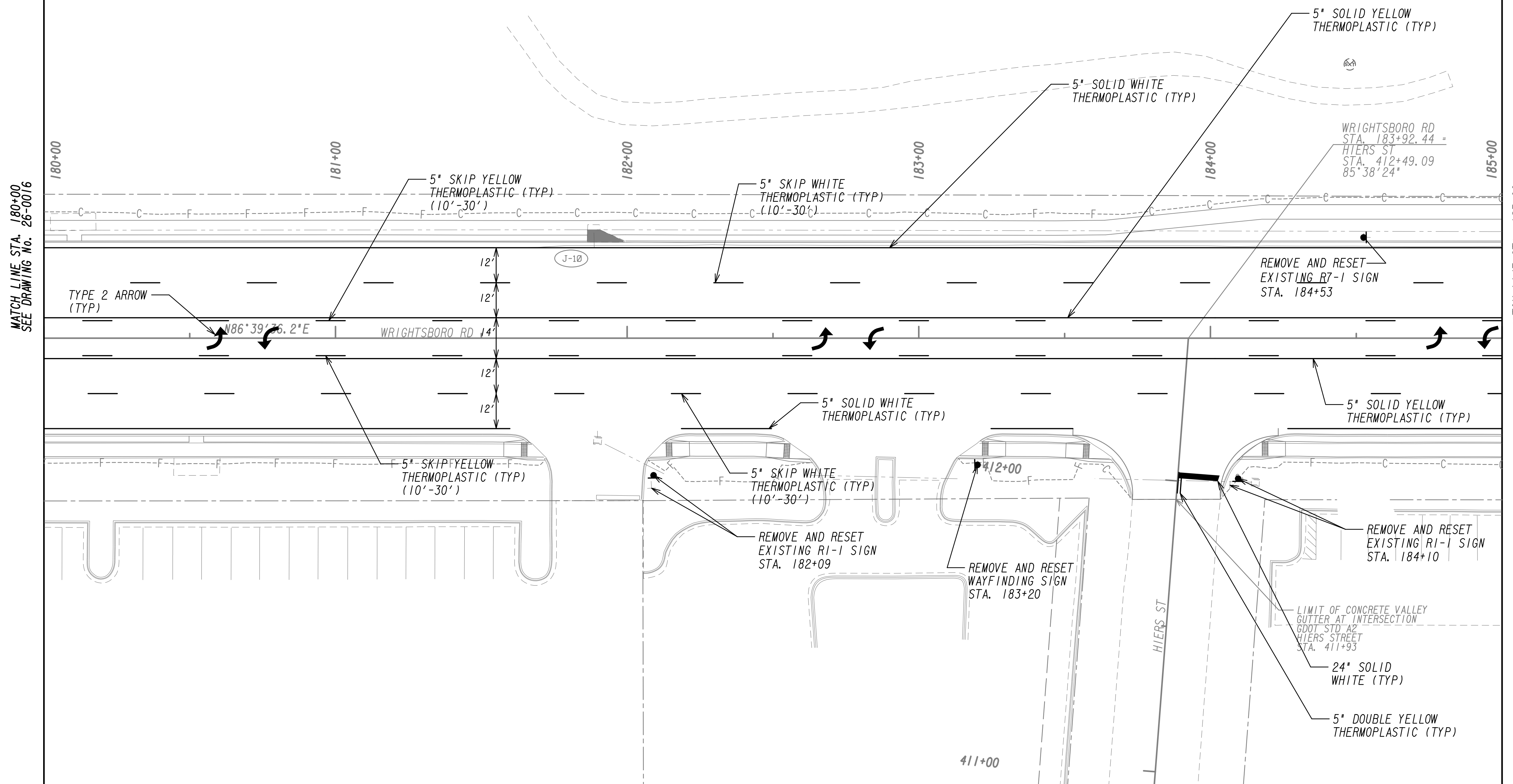


REVISION DATES	

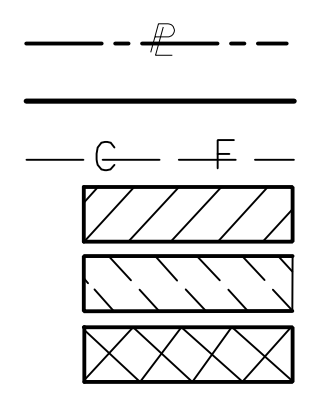
**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0016
CORRECTED:	DATE:	
VERIFIED:	DATE:	

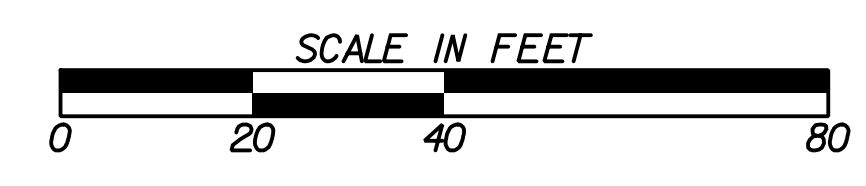
**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



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



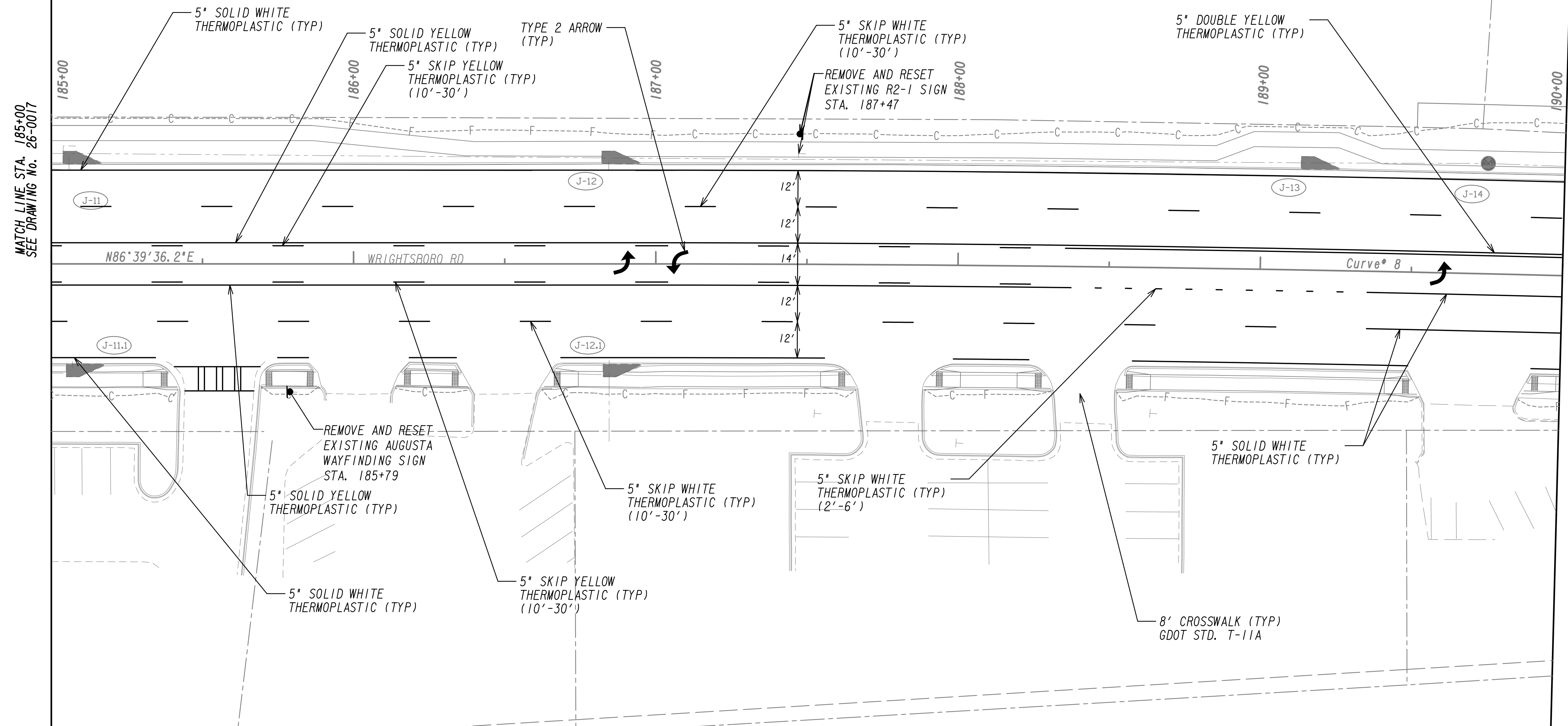
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0017</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A

Curve # 8  
 PI Sta = 191+34.33  
 W = 1262354.7895  
 E = 692003.9739  
 DELTA = 4°12'12.3" (RT)  
 D = 0'28"38.87"  
 T = 440.38  
 L = 880.36  
 R = 12000.00  
 E = 6.08



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

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



REVISION DATES	

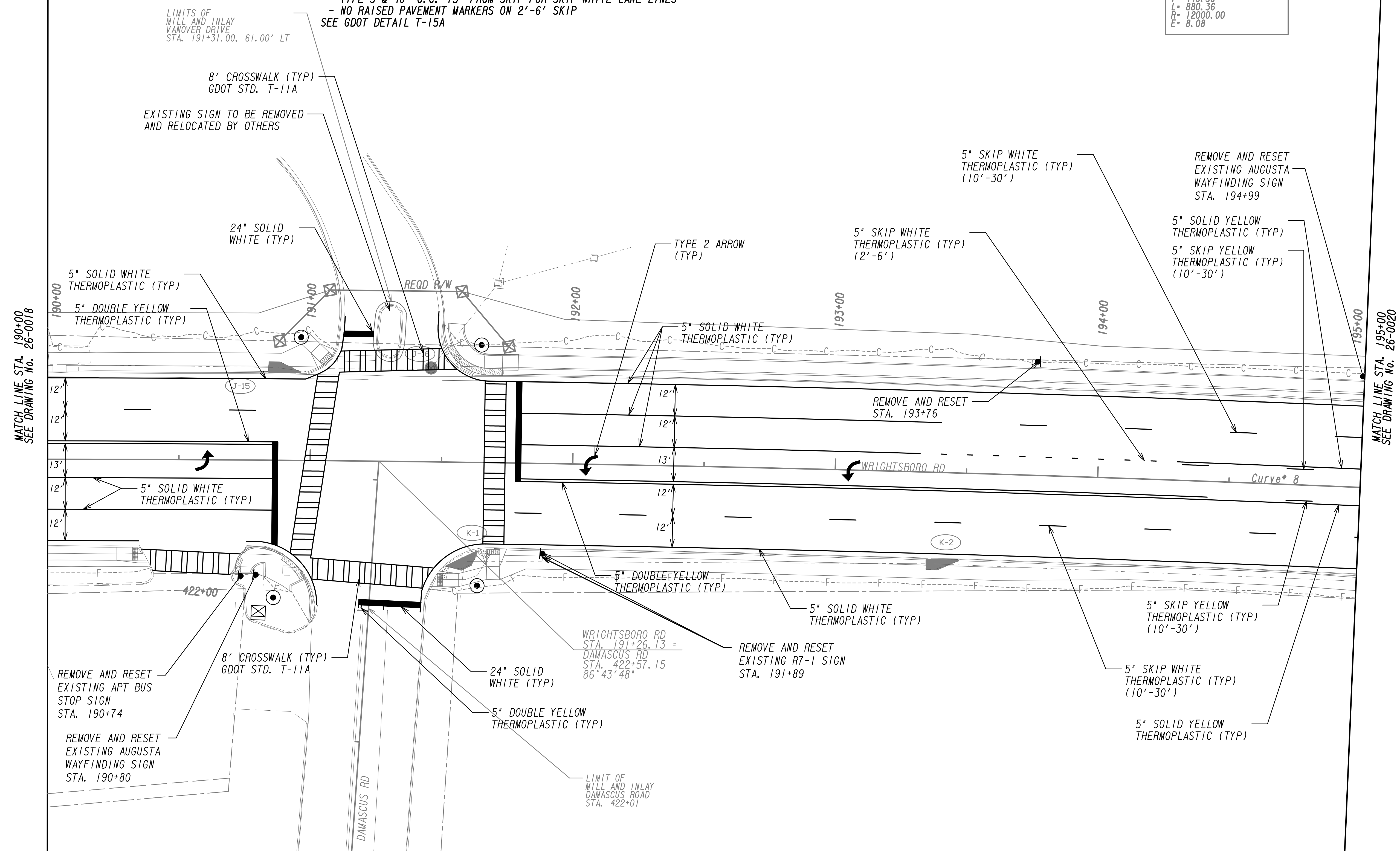
**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0018</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A

Curve\* 8  
 PI Sta= 191+34.33  
 N= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0'28"38.87"  
 L= 440.38  
 R= 880.36  
 E= 12000.00  
 E= 8.08



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

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



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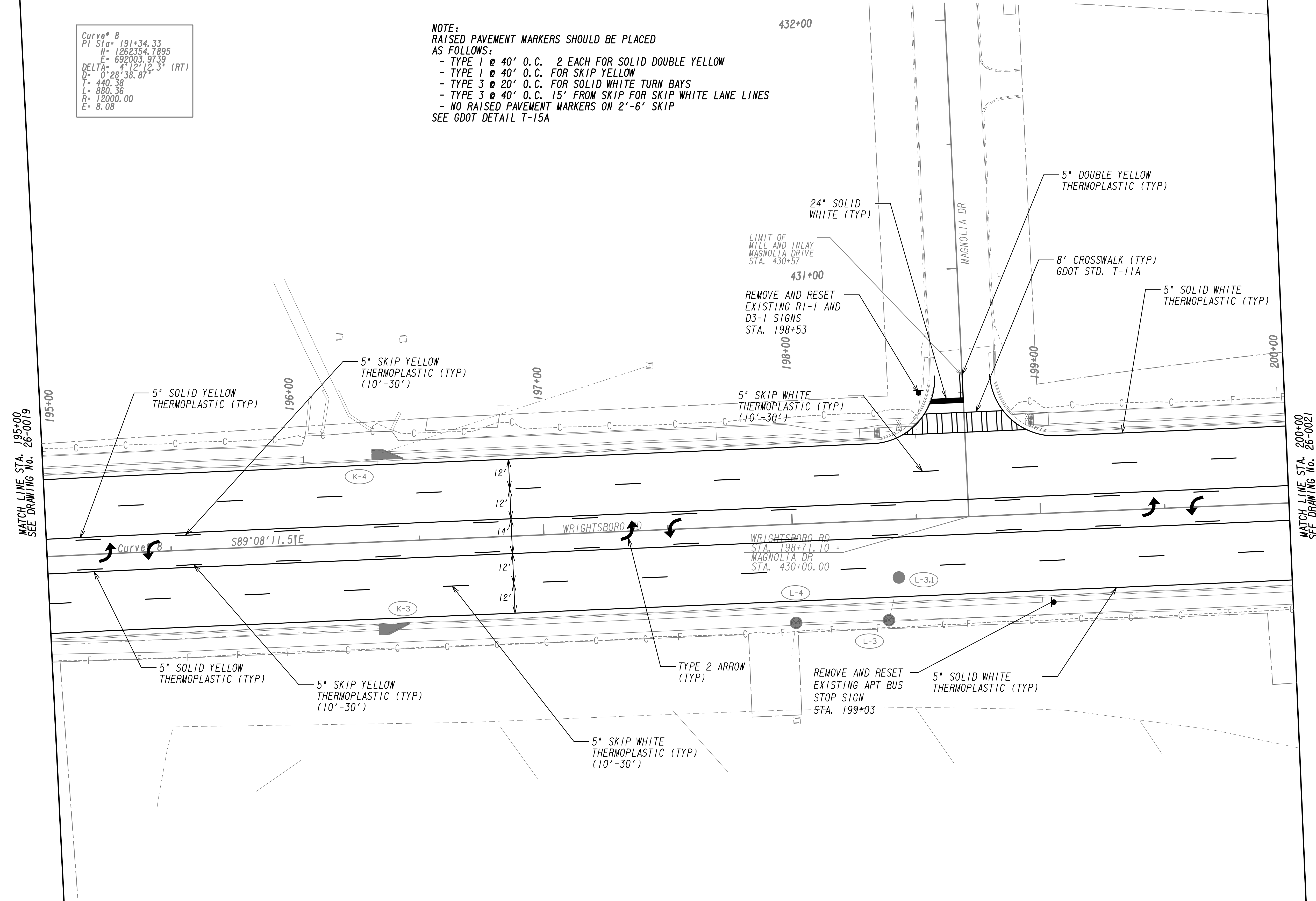
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0019</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

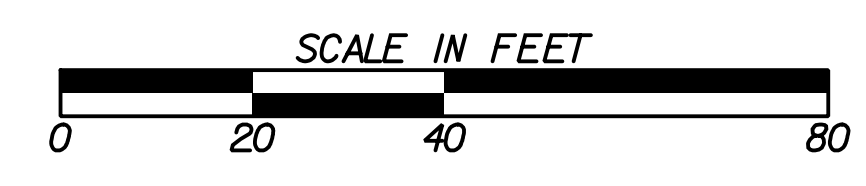
Curve # 8  
 PI Sta= 191+34.33  
 N= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0°28'38.87"  
 T= 440.38  
 L= 880.36  
 R= 12000.00  
 E= 8.08

NOTE:  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6' SKIP  
 SEE GDOT DETAIL T-15A



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

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



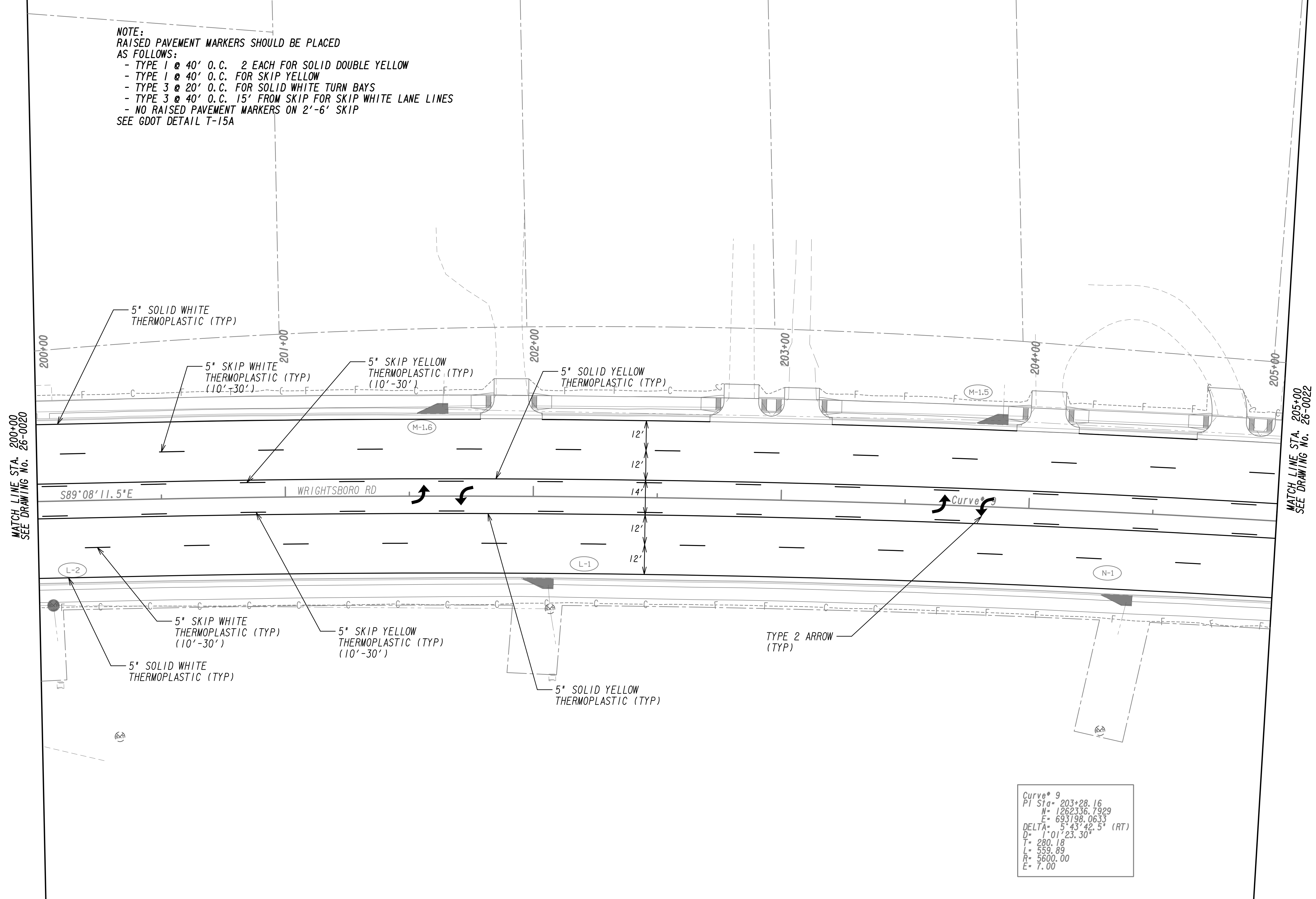
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

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

DRAWING No. 26-0020

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



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

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

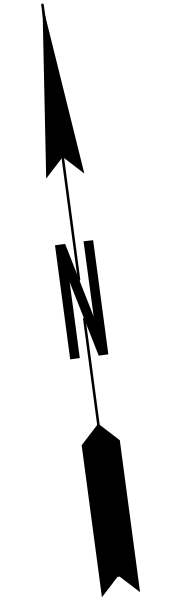
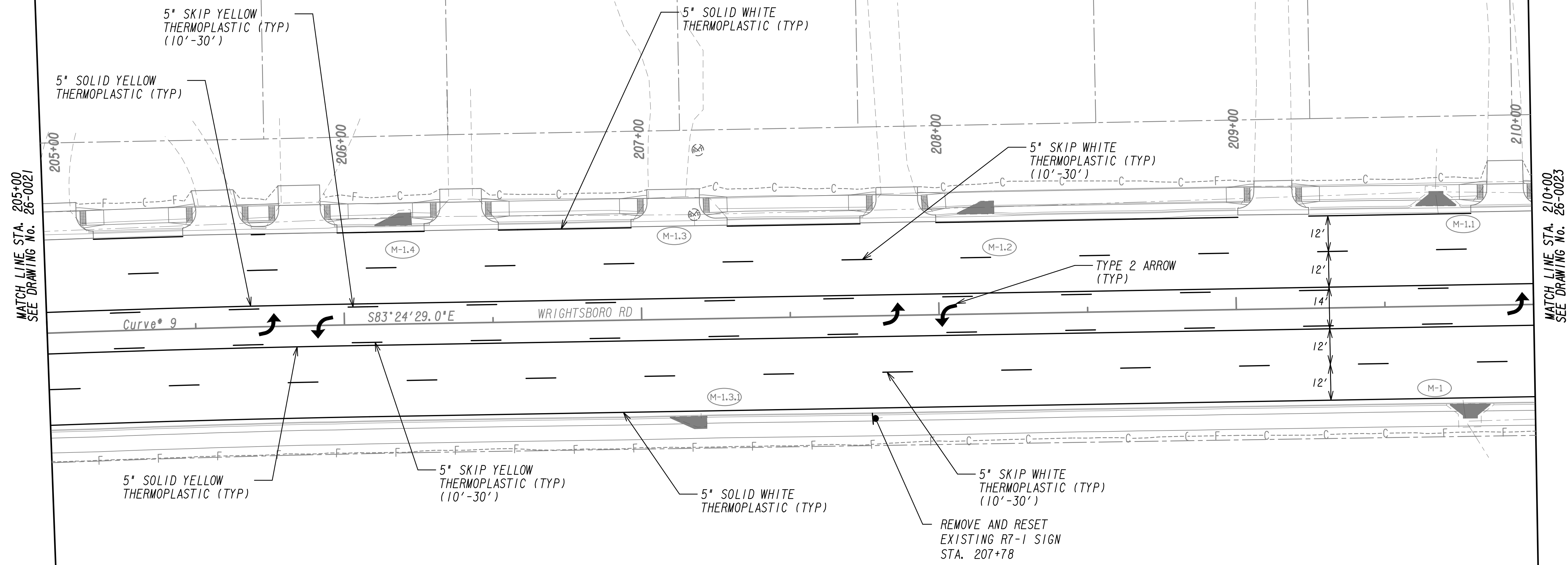


REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0021
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A

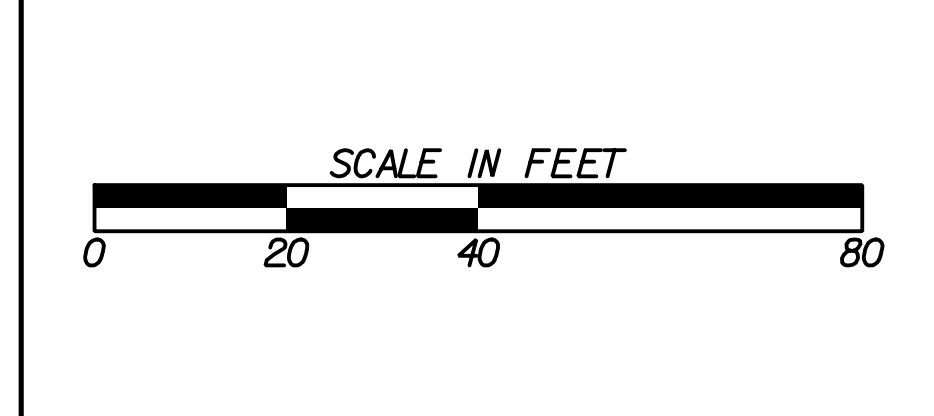


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

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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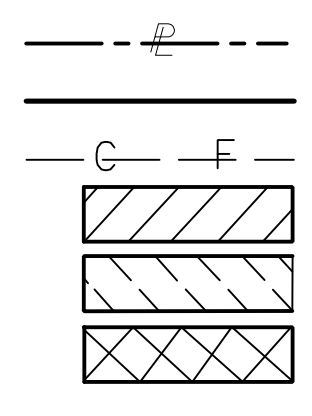
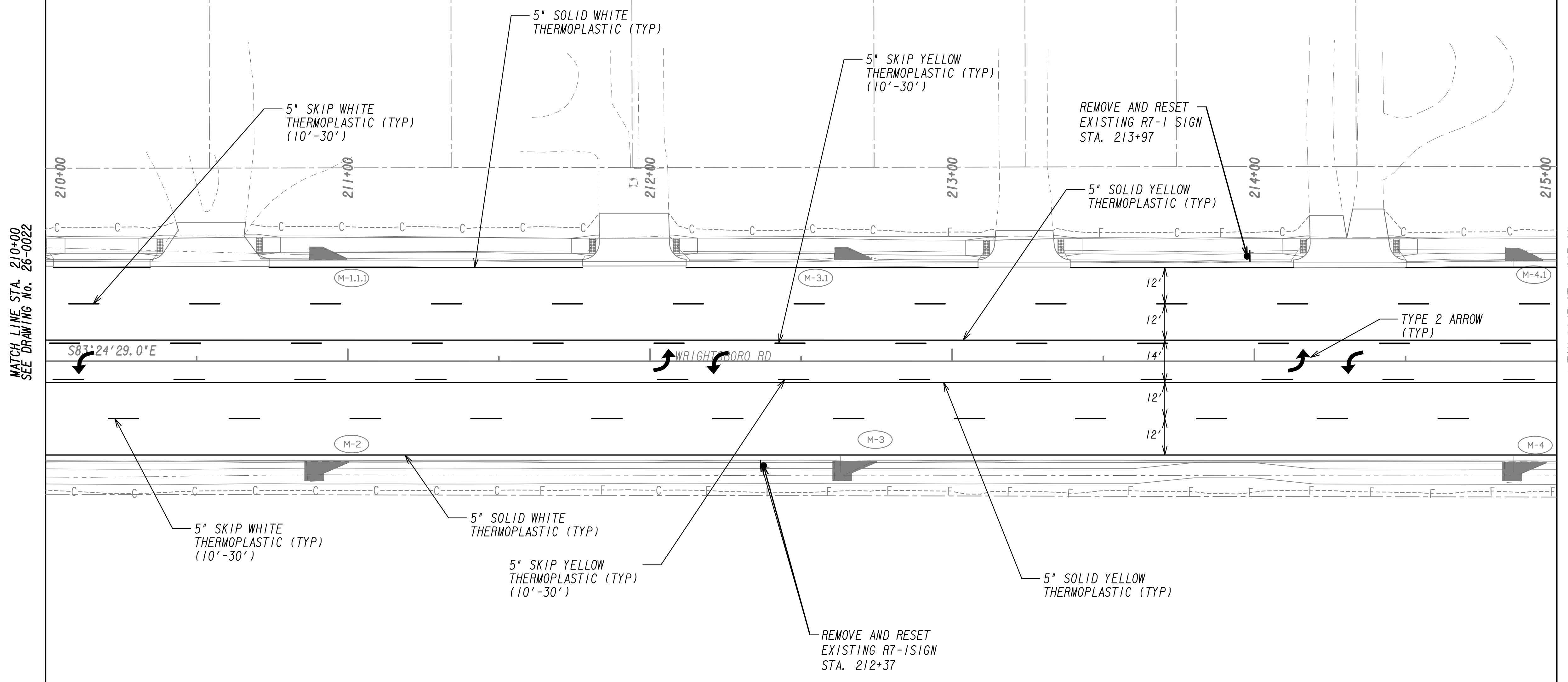
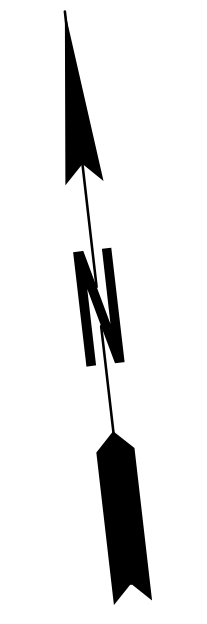


REVISION DATES	

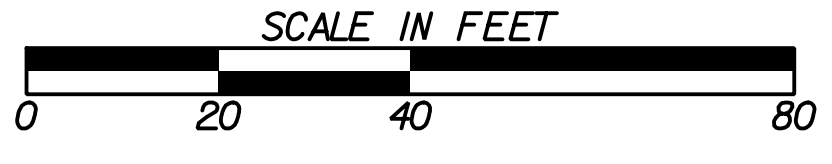
**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0022</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



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)



REVISION DATES	

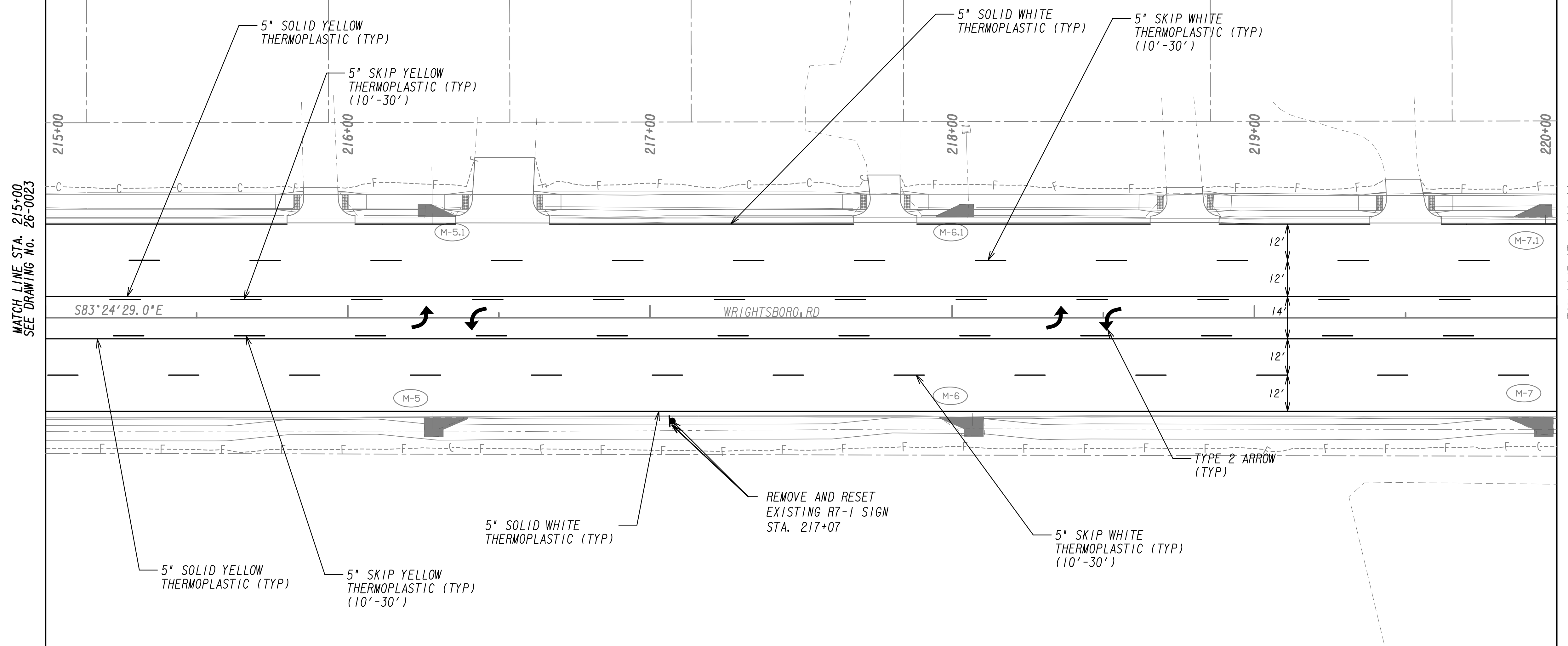
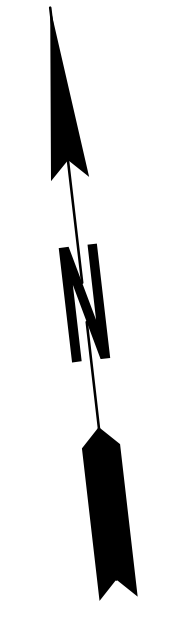
**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0023
CORRECTED:	DATE:	
VERIFIED:	DATE:	





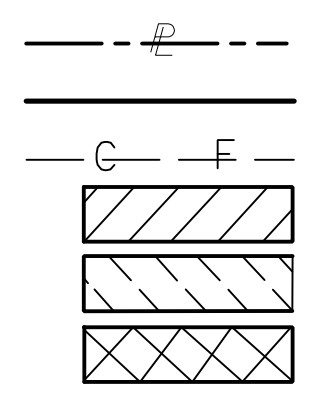
**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



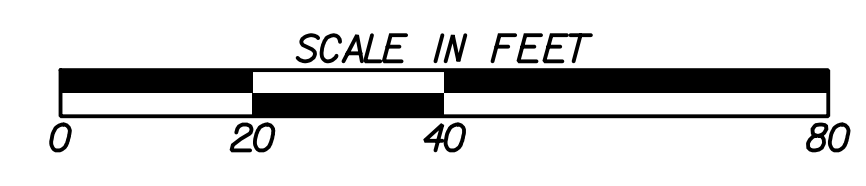
MATCH LINE STA. 215+00  
SEE DRAWING No. 26-0023

MATCH LINE STA. 220+00  
SEE DRAWING No. 26-0025

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



REVISION DATES	

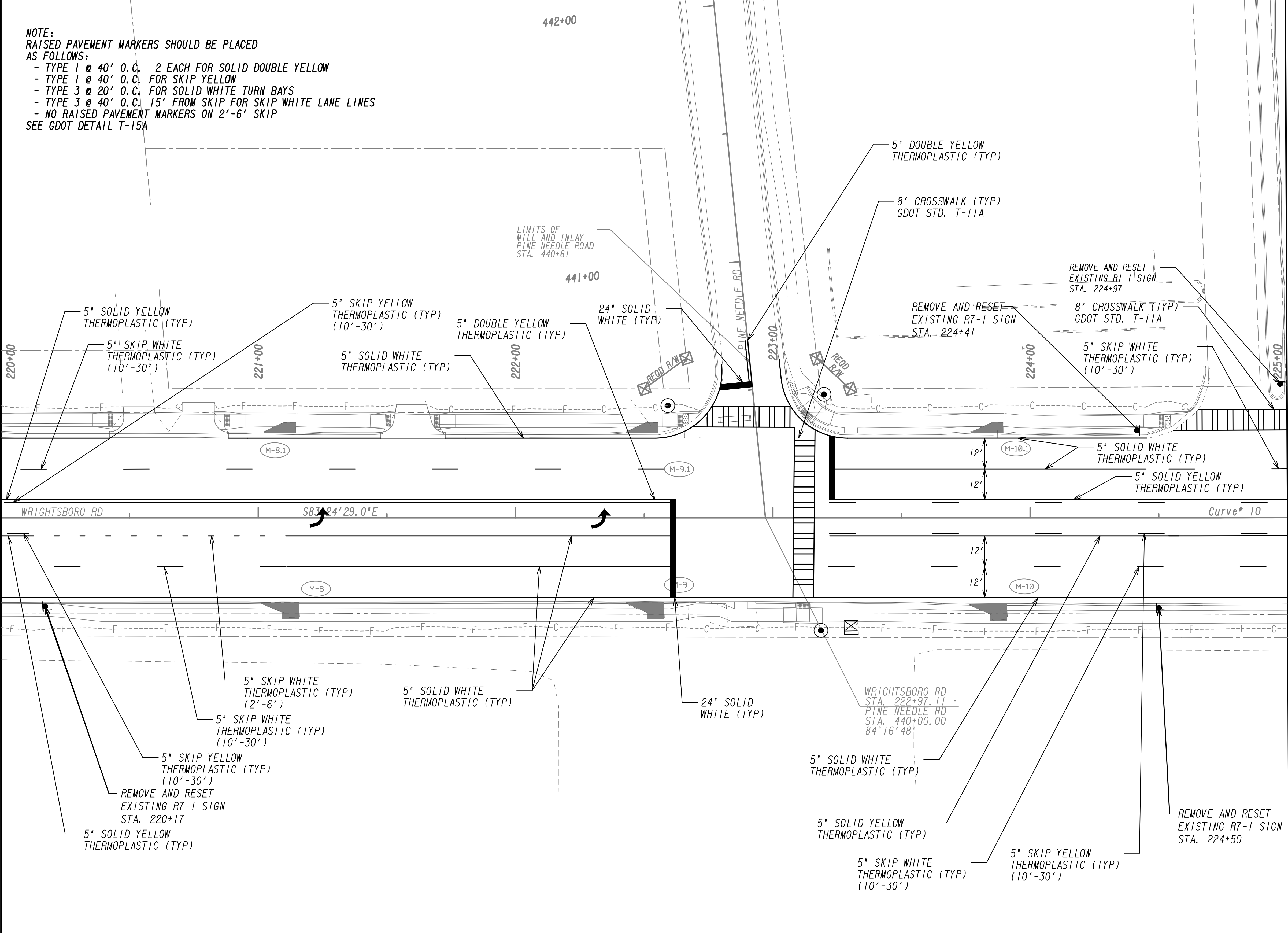
**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0024
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6' SKIP  
 SEE GDOT DETAIL T-15A

MATCH LINE STA. 220+00  
SEE DRAWING No. 26-0024

MATCH LINE STA. 225+00  
SEE DRAWING No. 26-0026



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

---P--- 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)

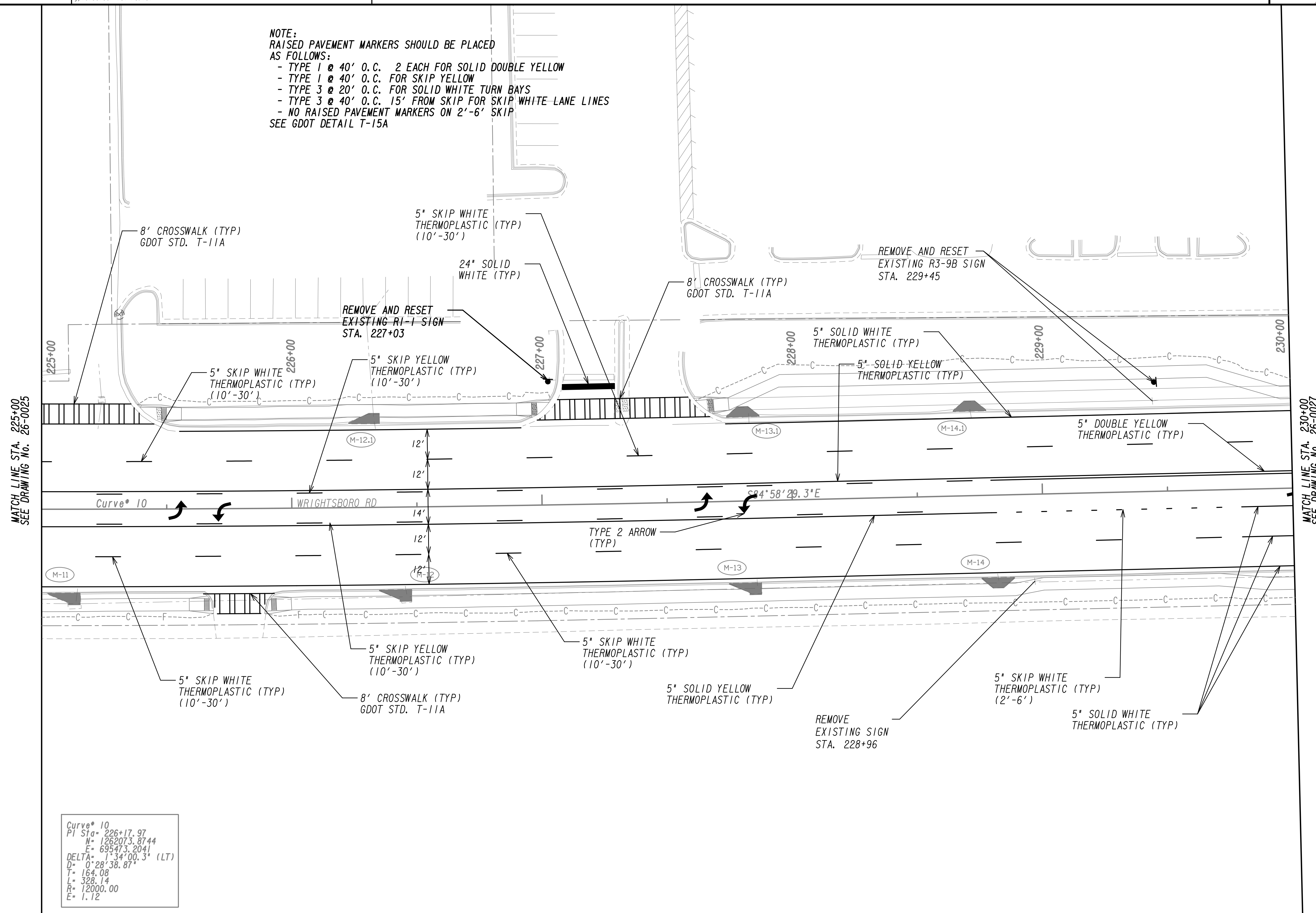


REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0025</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



MATCH LINE STA. 225+00  
SEE DRAWING No. 26-0025

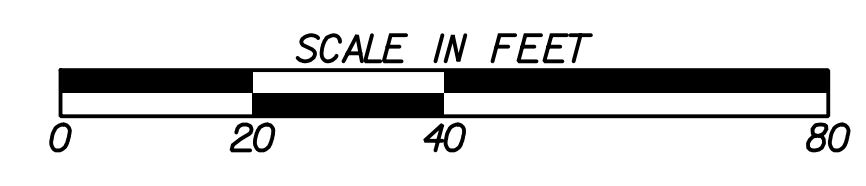
MATCH LINE STA. 230+00  
SEE DRAWING No. 26-0027

Curve\* 10

PI Sta=	226+17.97
M=	1262073.8744
E=	695473.2041
DELTA=	1°34'00.3" (LT)
D=	0°28'38.87"
T=	164.08
L=	328.14
R=	2000.00
E=	1.12

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

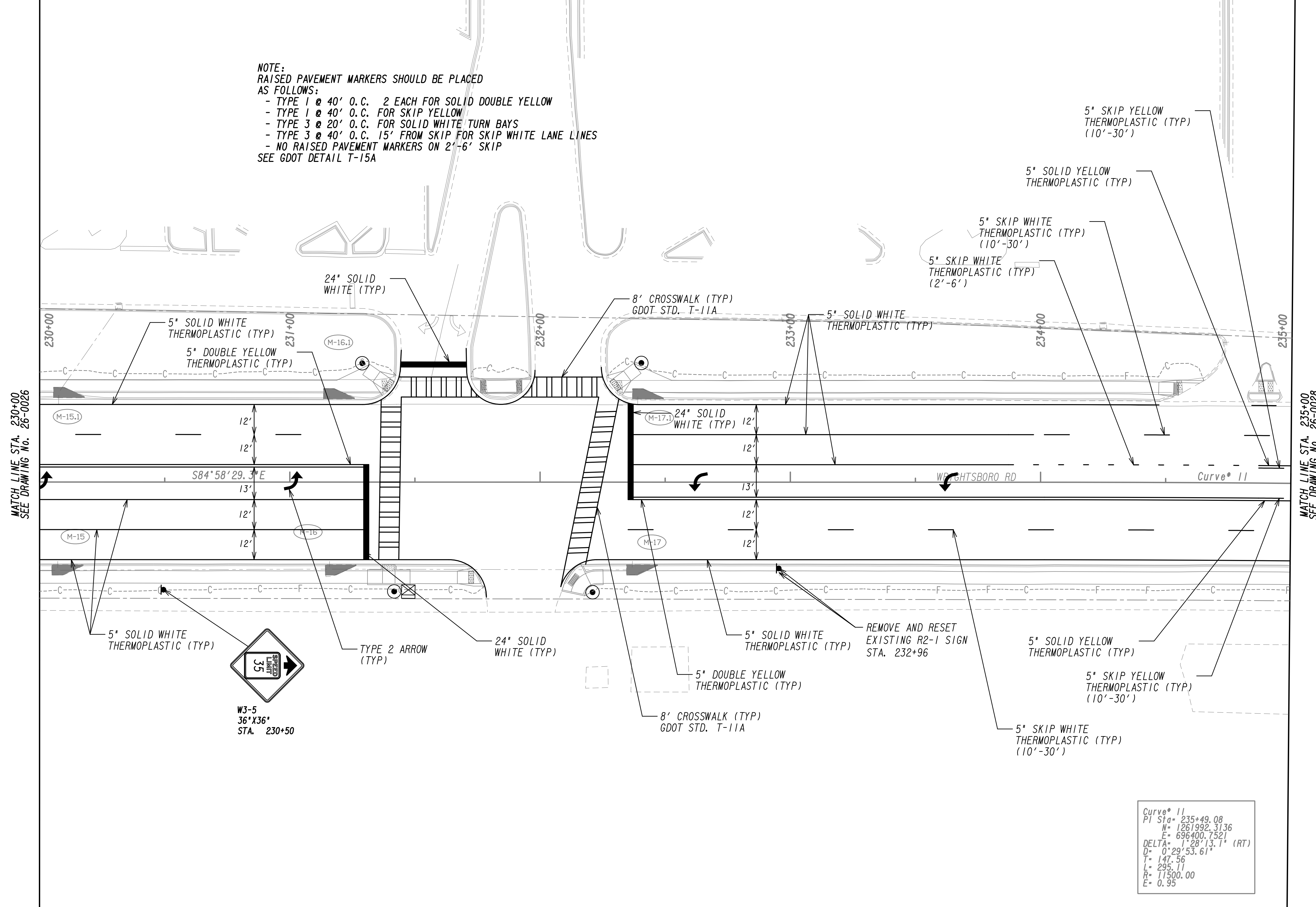
BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---
(SEE ERIT TABLE)	---



REVISION DATES	

<b>SIGNING AND MARKING PLANS</b>			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	26-0026	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



MATCH LINE STA. 230+00  
 SEE DRAWING No. 26-0026

MATCH LINE STA. 235+00  
 SEE DRAWING No. 26-0028

Curve # 11  
 PI Sta = 235+49.08  
 N = 1261992.3136  
 E = 696400.7321  
 DELTA = 128°13.1' (RT)  
 D = 0°29'53.61"  
 T = 147.56  
 L = 235.11  
 R = 11500.00  
 E = 0.95

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



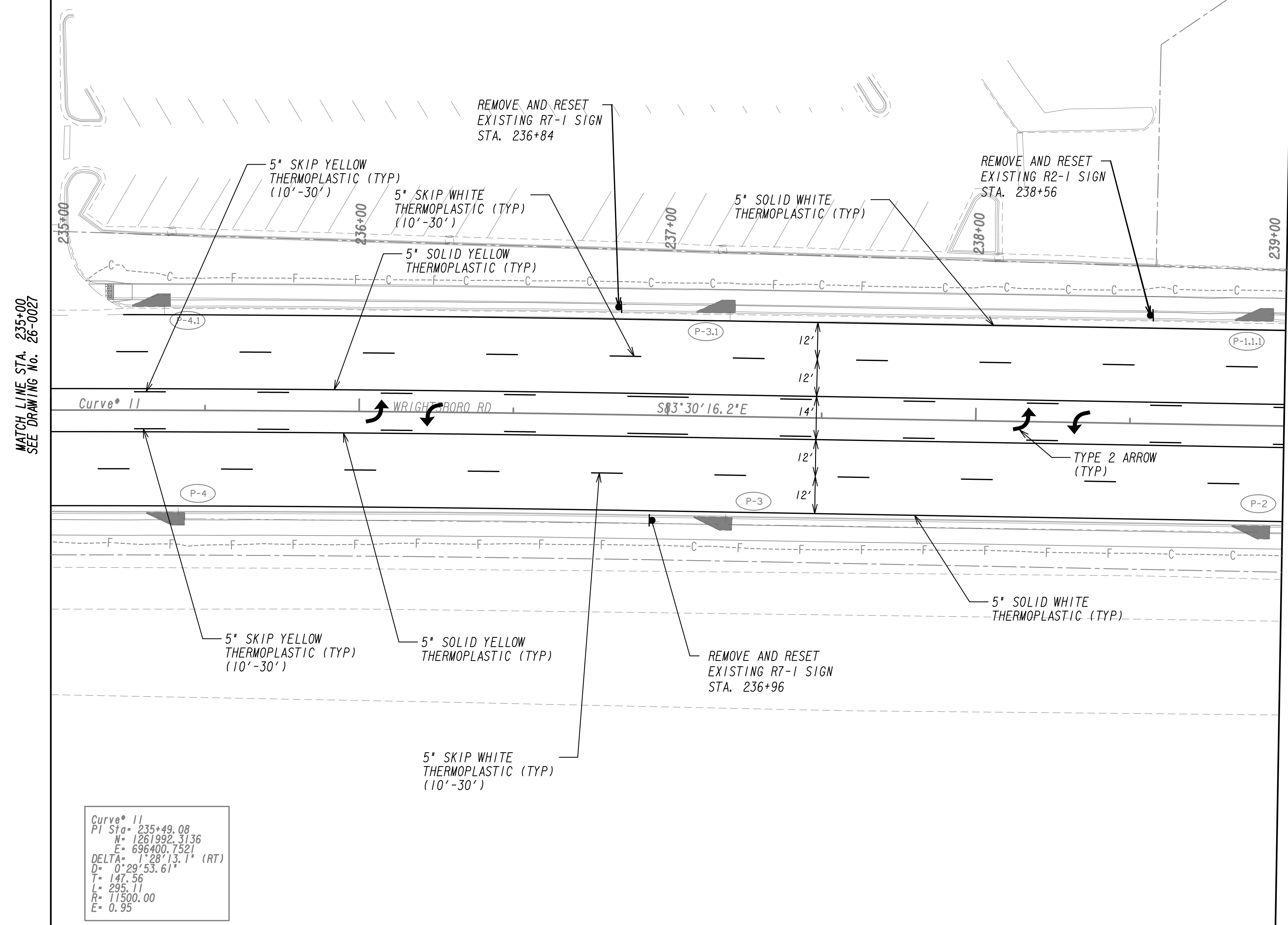
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0027</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



MATCH LINE STA. 235+00  
SEE DRAWING No. 26-0027

MATCH LINE STA. 239+00  
SEE DRAWING No. 26-0029

Curve # 11  
 PI Sta = 235+49.08  
 N = 1261992.3136  
 E = 696400.7521  
 DELTA = 1° 28' 13.1" (RT)  
 D = 0' 29' 53.61"  
 T = 147.56  
 L = 295.11  
 R = 11500.00  
 E = 0.95

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



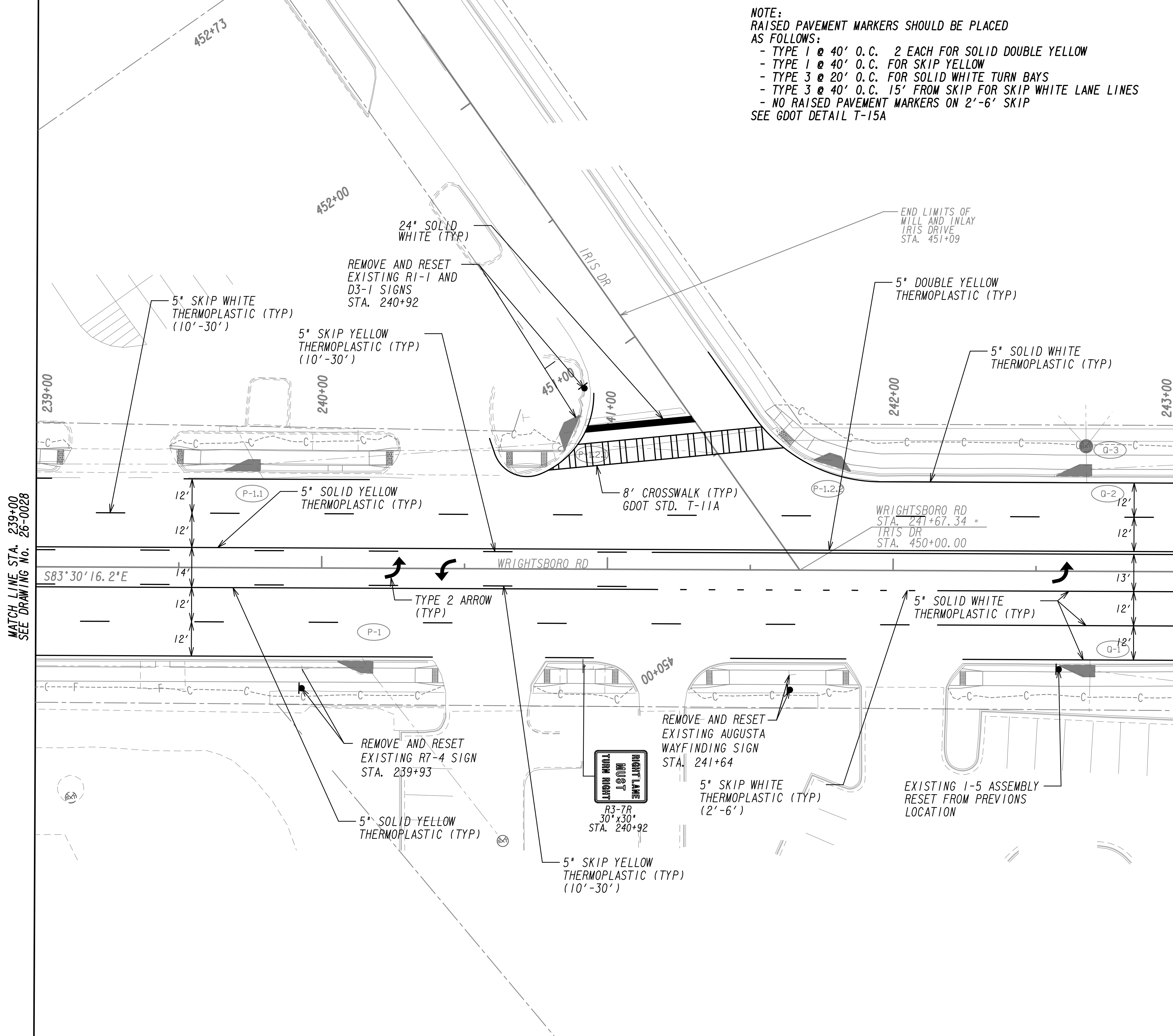
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0028</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A



MATCH LINE STA. 239+00  
SEE DRAWING No. 26-002B

MATCH LINE STA. 243+00  
SEE DRAWING No. 26-0030

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

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

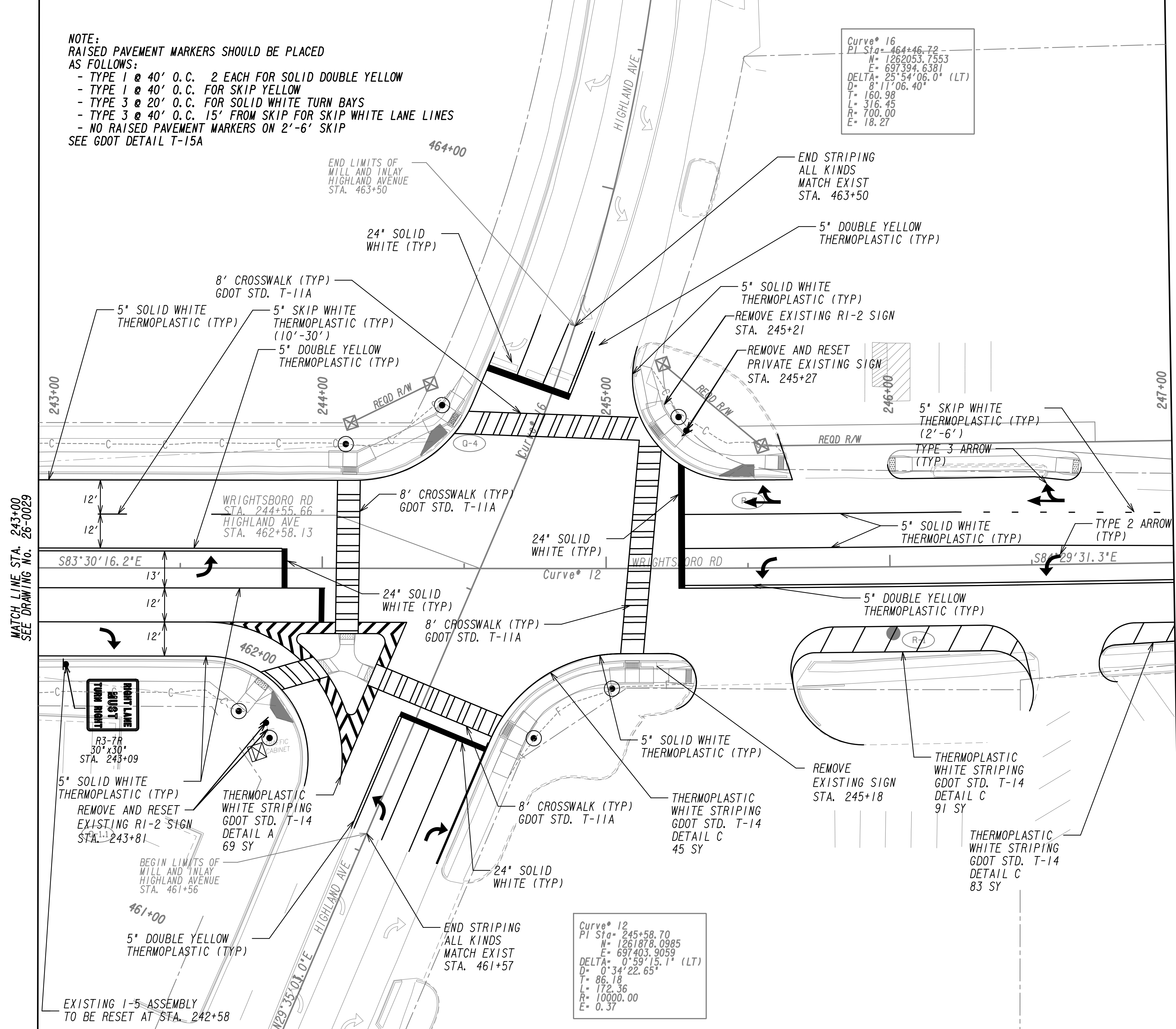


REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0029</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A

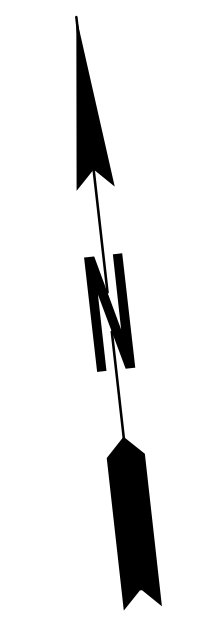


Curve\* 16  
 PI Sta= 464+46.72  
 N= 1262053.7553  
 E= 697394.6381  
 DELTA= 25°54'06.0" (LT)  
 D= 8'11"06.40"  
 T= 160.98  
 L= 316.45  
 R= 700.00  
 E= 18.27

Curve\* 12  
 PI Sta= 245+58.70  
 N= 1261878.0985  
 E= 697403.9059  
 DELTA= 0°59'15.1" (LT)  
 D= 0'34"22.65"  
 T= 86.18  
 L= 172.36  
 R= 10000.00  
 E= 0.37

MATCH LINE STA. 243+00  
SEE DRAWING NO. 26-0029

MATCH LINE STA. 247+00  
SEE DRAWING NO. 26-0031



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

---P--- BEGIN LIMIT OF ACCESS.....BLA  
 ---E--- END LIMIT OF ACCESS.....ELA  
 ---C--- F--- LIMIT OF ACCESS  
 ---H--- III--- REQ'D R/W & LIMIT OF ACCESS  
 ---X--- ORANGE BARRIER FENCE  
 ---S--- ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



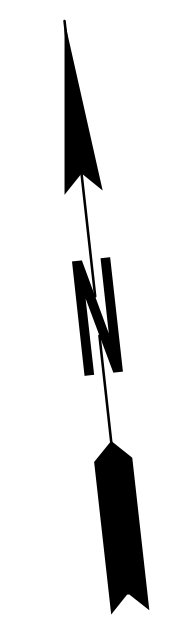
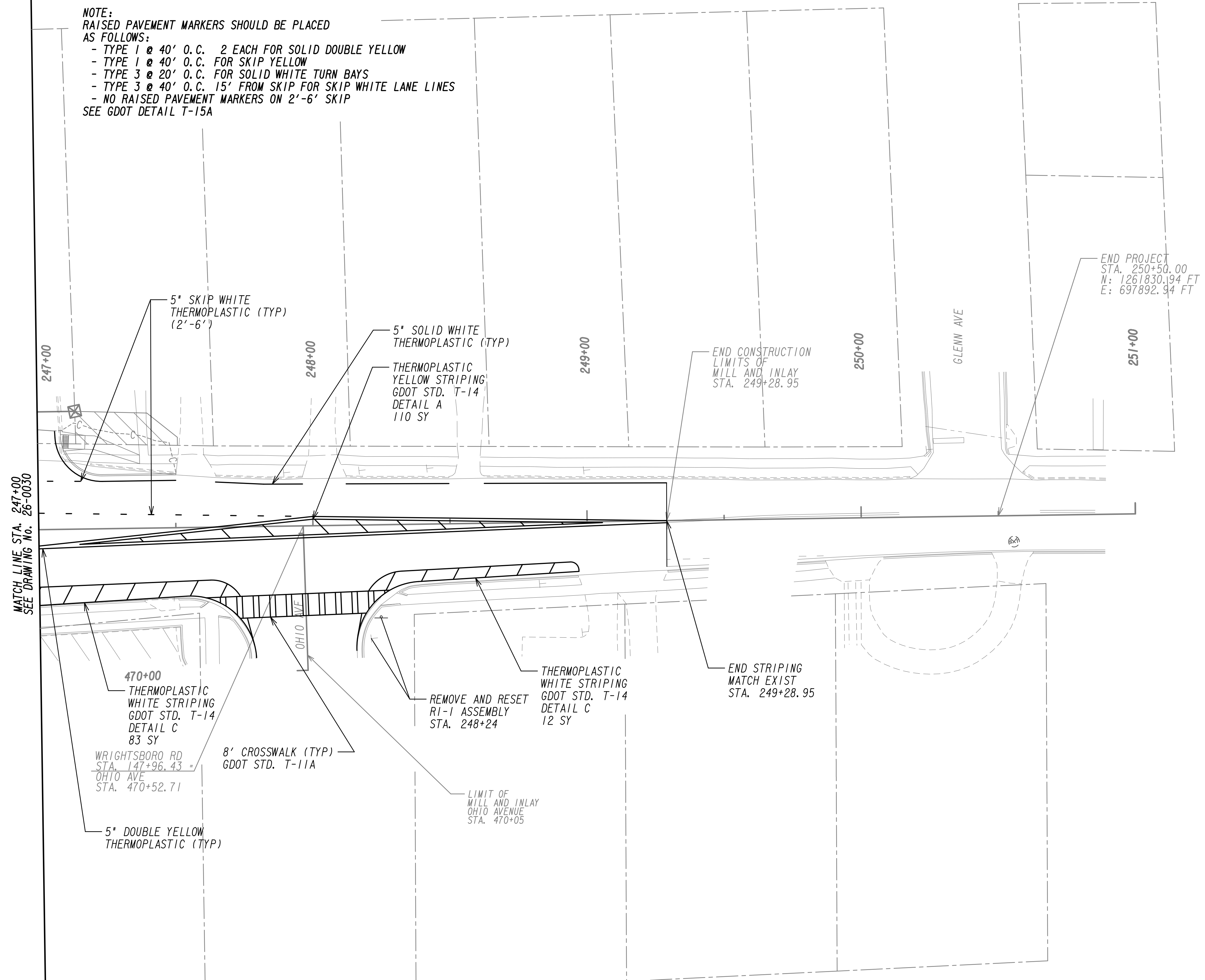
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0030
CORRECTED:	DATE:	
VERIFIED:	DATE:	

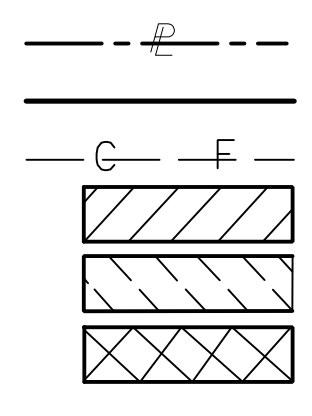


**NOTE:**  
 RAISED PAVEMENT MARKERS SHOULD BE PLACED AS FOLLOWS:  
 - TYPE 1 @ 40' O.C. 2 EACH FOR SOLID DOUBLE YELLOW  
 - TYPE 1 @ 40' O.C. FOR SKIP YELLOW  
 - TYPE 3 @ 20' O.C. FOR SOLID WHITE TURN BAYS  
 - TYPE 3 @ 40' O.C. 15' FROM SKIP FOR SKIP WHITE LANE LINES  
 - NO RAISED PAVEMENT MARKERS ON 2'-6" SKIP  
 SEE GDOT DETAIL T-15A

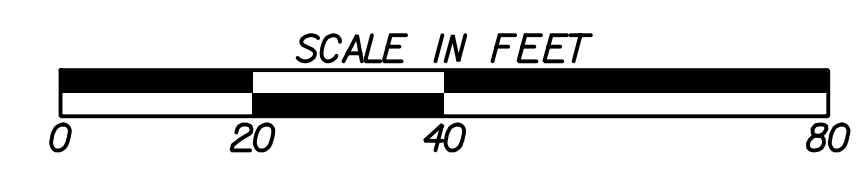


MATCH LINE STA. 247+00  
SEE DRAWING No. 26-0030

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



REVISION DATES	

**SIGNING AND MARKING PLANS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>26-0031</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



TRAFFIC SIGNAL LEGEND



EXISTING SIGNAL

- CONTROLLER CABINET WITH 2 FOOT PADS
- STRAIN POLE
- MAST ARM
- STREET LIGHT ON LUMINAIRE ARM
- 3-SECTION HEAD
- 3-SECTION HEAD W/ BACKPLATE
- 4-SECTION HEAD
- 4-SECTION HEAD W/ BACKPLATE
- 5-SECTION HEAD
- 5-SECTION HEAD W/ BACKPLATE
- OVERHEAD SIGN
- PEDESTAL POLE
- PEDESTRIAN SIGNAL HEAD
- PULLBOX, TP 2
- PULLBOX, TP 3
- PULLBOX, TP 4/4S
- PULLBOX, TP 5/5S
- 6x6 PULSE LOOP/DETECTION ZONE
- 6x6 PULSE VIDEO DETECTION ZONE
- 6x40 PRESENCE LOOP (QUADRUPOLE)
- 6x40 PRESENCE VIDEO DETECTION ZONE
- CONDUIT
- SIGN POST
- VIDEO DETECTION CAMERA
- WIRELESS SENSOR
- SPP RADIO
- WIRELESS REPEATER

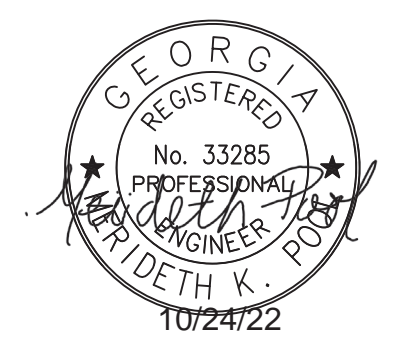
PROPOSED SIGNAL

- CONTROLLER CABINET WITH 2 FOOT PADS
- STRAIN POLE
- MAST ARM
- STREET LIGHT ON LUMINAIRE ARM
- 3-SECTION HEAD
- 3-SECTION HEAD W/ BACKPLATE
- 4-SECTION HEAD
- 4-SECTION HEAD W/ BACKPLATE
- 5-SECTION HEAD
- 5-SECTION HEAD W/ BACKPLATE
- OVERHEAD SIGN
- PEDESTAL POLE
- PEDESTRIAN SIGNAL HEAD
- PULLBOX, TP 2
- PULLBOX, TP 3
- PULLBOX, TP 4/4S
- PULLBOX, TP 5/5S
- 6x6 PULSE LOOP/DETECTION ZONE
- 6x6 PULSE VIDEO DETECTION ZONE
- 6x40 PRESENCE LOOP (QUADRUPOLE)
- 6x40 PRESENCE VIDEO DETECTION ZONE
- CONDUIT (BORED)
- CONDUIT (TRENCHED)
- SIGN POST
- VIDEO DETECTION CAMERA
- WIRELESS SENSOR
- SPP RADIO
- WIRELESS REPEATER

REV	DATE	DESCRIPTION
	10/20/22	SUBMITAL TO CDOT

LEGEND

SIGNAL PLANS



Scale: NTS  
Job:  
Issue:  
27-0008

TRAFFIC SIGNAL GENERAL NOTES

1. THIS WORK SHALL CONFORM TO THE LATEST GEORGIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF TRANSPORTATION SYSTEMS, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS (SPECIFICALLY SECTIONS 647 & 925), THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE NATIONAL ELECTRIC CODE AND DETAIL SHEETS.
2. SIGNAL HEADS SHALL BE ERECTED TO PROVIDE AT LEAST 17 FT BUT NO MORE THAN 19 FT. CLEARANCE, FROM THE BOTTOM OF THE SIGNAL HEADS TO THE TOP OF THE ROAD SURFACE AND A MINIMUM OF 8 FT. MEASURED HORIZONTALLY BETWEEN CENTERS OF SIGNAL FACES.
3. 3-PAIR 18-AWG SHIELDED STRANDED CABLE SHALL BE USED FOR DETECTOR RUNS AS SHOWN ON THE GDOT DETAIL SHEET. DETECTORS SHALL HAVE SEPARATE LEAD-INS TO THE CONTROL CABINET. ONLY ONE (1) PHASE PER LEAD-IN CABLE WILL BE ALLOWED.
4. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN THE VICINITY OF NEW SIGNAL POLES AND/OR IN THE VICINITY OF ANY UNDERGROUND WORK. MINOR SHIFTS (UP TO A MAXIMUM 5 FT) IN NEW POLE LOCATIONS, AT THE DISCRETION OF THE ENGINEER, ARE ACCEPTABLE TO AVOID UNDERGROUND UTILITIES. MINIMUM CLEARANCES FROM THE EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF THE SIGNAL HEADS SHALL BE RETAINED AS SHOWN ON PLANS.
5. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL VERTICAL AND HORIZONTAL UTILITY CLEARANCES PER NEC AND GDOT SPECIFICATIONS. ANY EXISTING OVERHEAD UTILITIES THAT ARE IN CONFLICT WITH THE TRAFFIC SIGNAL INSTALLATION WILL HAVE TO BE ADJUSTED. MINOR SHIFTS (UP TO A MAXIMUM 5 FT) IN NEW STRAIN POLE/MAST ARM LOCATIONS, AT THE DISCRETION OF THE ENGINEER, ARE ACCEPTABLE TO AVOID OVERHEAD UTILITIES. A 10 FT CLEAR ZONE SHALL BE MAINTAINED BETWEEN OVERHEAD POWER UTILITIES AND SIGNAL EQUIPMENT.
6. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY AUGUSTA TRAFFIC ENGINEERING PRIOR TO FINAL ACCEPTANCE. NOTIFICATION OF REQUEST FOR INSPECTION MUST BE SENT IN WRITING TO AUGUSTA ENGINEERING A MINIMUM OF ONE WEEK PRIOR TO DATE OF INSPECTION.
7. A PRELIMINARY TRAFFIC SIGNAL WALK AROUND IS TO BE CONDUCTED PRIOR TO THE SIGNAL BEING ACTIVATED. THE CONTRACTOR WILL NEED TO CONTACT AUGUSTA TRAFFIC ENGINEERING A MINIMUM OF 5 DAYS PRIOR TO THE DATE OF SCHEDULED ACTIVATION.
8. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
9. THE CONTRACTOR SHALL REPLACE IN KIND AND SIZE, AT NO SEPARATE EXPENSE TO THE COUNTY, ANY BARRIER WALL, FENCE, DITCH PAVING, CURBING, SIDEWALK, GUTTER, SLOPE PAVEMENT, SIGNS, GUARDRAILS, LANDSCAPING, GRASSING, UTILITY SERVICE LINES, STORM DRAIN PIPES, MASONRY WALLS AND PAVING THAT IS REMOVED, DAMAGED OR DESTROYED DUE TO CONTRACTOR'S ACTIVITY.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL PERTINENT EROSION CONTROL. THESE MEASURES SHALL BE IMPLEMENTED AND MAINTAINED FOR THE DURATION OF THE WORK.
11. WHEN USING MAST ARM DESIGNS, ENSURE THAT THERE IS ENOUGH CONDUITS BORED UNDER THE STREET(S) TO ACCOMMODATE ALL THE ASSOCIATED WIRING AND ANY FUTURE WIRING.
12. THE CONTRACTOR WILL FIELD DETERMINE POLE LOCATION AND MAST ARM LENGTHS, PRIOR TO ORDERING MAST ARM OR SIGNAL SUPPORT WIRE ATTACHMENT HEIGHTS ON POLES SHALL BE FIELD DETERMINED PRIOR TO ORDERING POLES. ALL NECESSARY SIGNAL HEAD MOUNTING HEIGHTS AND CLEARANCE FROM EXISTING/PROPOSED UTILITIES AND ROADWAY SHALL BE MAINTAINED.

13. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO ORDERING ANY SIGNAL EQUIPMENT OR BEGINNING ANY INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE LATEST EDITION OF THE GEORGIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF TRANSPORTATION SYSTEMS, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS (SPECIFICALLY SECTIONS 647 & 925).
14. AS PER GEORGIA POWER COMPANY, IT IS REQUIRED THAT ALL TRAFFIC SIGNALS BE METERED. GEORGIA POWER REQUIRES THE DISCONNECT BOX BE INSTALLED BELOW THE METER. THE METER AND THE DISCONNECT BOX NEED TO BE INSTALLED ON THE TRAFFIC CABINET. SEE POWER SERVICE ASSEMBLY DETAIL. CONTRACTOR TO COORDINATE WITH GA POWER FOR CONNECTION AND METER REQUIREMENTS.
15. ALL TRAFFIC MARKING, SYMBOLS, OR STRIPING TO BE REMOVED AND/OR REPLACED SHALL BE PAID FOR IN THE TRAFFIC CONTROL LUMP SUM ITEM.
16. CONTRACTOR SHALL PROVIDE AN AS-BUILT OF INTERSECTION SHOWING LOCATION OF ALL PULL BOXES WITH TWO DISTANCES FROM A SET BENCHMARK.
17. ALL COMPONENTS FOR THE STRUCTURES SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 123/A 123 M OR A 153/A 153 M, WHICHEVER IS APPLICABLE. THE STRUCTURES SHALL THEN BE PAINTED WITH RECOATABLE EPOXY PRIMER (4 MILLS) AND TOP COAT CONSISTING OF A HIGH SOLIDS POLYURETHANE (4 MILLS). THE COLOR IS TO BE A SEM/GLOSS BLACK.
18. ALL PEDESTRIAN SIGNAL HARDWARE (PEDESTRIAN SIGNAL HEADS, MOUNTING BRACKETS, PUSH BUTTON STATIONS, PUSH BUTTON STATION ADAPTERS, ETC) SHALL BE BLACK. ALL SIGNAL HEAD HARDWARE (SIGNAL HEADS, MOUNTING BRACKETS, ETC.) SHALL BE BLACK. THE MOUNTING BRACKETS FOR THE SIGNAL HEADS SHALL BE THE ASTRO-TYPE MOUNTING BRACKET.
19. PEDESTRIAN PUSHBUTTONS SHALL BE ADA COMPLIANT BDPM3-X (PIEZO ELECTRIC) OR APPROVED EQUIVALENT.
20. ALL D3 SIGNS SHALL MATCH EXISTING COUNTY SLIM LINE VERSION. EACH SIGN SHALL BE INTERNALLY LIT LED SIGNS THAT MEET GDOT TYPE D SPECS FOR LAYOUT. SIGN LEGEND SHALL MEET REQUIREMENTS OF 2009 MUTCD SECTION ED. 43. TABLE 20-2. SIGN LAYOUTS WILL NEED TO BE APPROVED BY AUGUSTA TRAFFIC ENGINEERING PRIOR TO ORDERING.
21. THE CONTRACTOR SHALL INSTALL AND FURNISH THE CAMERA MOUNTING HARDWARE, CAMERAS, THE CABLING REQUIRED TO CONNECT THE CAMERAS TO THE TRAFFIC CONTROLLER CABINET FOR THE INSYNC SYSTEM AND ALL OTHER ITEMS REQUIRED TO COMPLETE THE INSTALLATION. THE CAMERA MOUNTING HARDWARE SHALL BE BLACK.
22. AUGUSTA TRAFFIC ENGINEERING WILL ASSIST RHYTHM ENGINEERING IN PLACING THE INSYNC SYSTEM INTO OPERATION.
23. WHEN REMOVED, EXISTING SIGNAL EQUIPMENT SHALL BE DELIVERED, UNLOADED AND PLACED IN A DESIGNATED LOCATION BY THE CONTRACTOR TO AUGUSTA TRAFFIC ENGINEERING OFFICE. CONTACT THE OFFICE DESIGNEE FOR TIME AND LOCATION AT LEAST 24 HOURS PRIOR TO DELIVERY.
24. ONE SENSOR, MOUNTED IN CAN, SHALL BE INSTALLED TO CONTROL ALL INTERNALLY LIT LED SIGNS.
25. CONTRACTOR SHALL FURNISH AND INSTALL POWER CONDUCTOR CABLE FOR INTERNALLY LIT LED SIGNS. POWER SERVICE SOURCE FOR INTERNALLY LIT LED SIGNS SHALL ORIGINATE FROM METER BASE ASSEMBLY AND NOT FROM TRAFFIC CONTROLLER CABINET.
26. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL FEES ASSOCIATED

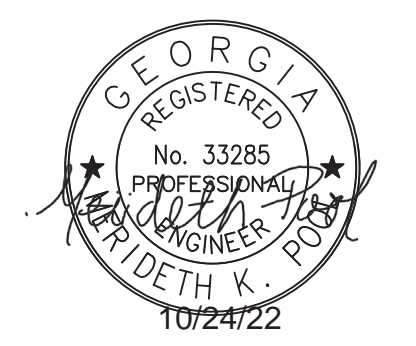
- WITH MODIFYING EXISTING AND ESTABLISHING NEW POWER AND COMMUNICATION SERVICES FOR TRAFFIC SIGNAL, VIDEO DETECTION SYSTEMS AND/OR CCTV CAMERAS ON THIS PROJECT. IF A UTILITY TRANSFORMER IS REQUIRED FOR TRAFFIC SIGNAL EQUIPMENT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INCLUDE AS PART OF THEIR BID PRICE, FOR THAT TRAFFIC SIGNAL INSTALLATION IF THE RESPECTIVE UTILITY REQUIRES PAYMENT FOR INSTALLATION.
27. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL MONTHLY POWER AND COMMUNICATION SERVICE TO THE TRAFFIC SIGNAL INSTALLATION AND SUPPORT DEVICES UNTIL THE NEW TRAFFIC SIGNAL INSTALLATION HAS SATISFACTORILY COMPLETED A TEST PERIOD OF UNINTERRUPTED OPERATION FOR THIRTY (30) DAYS. UPON COMPLETION OF THE TEST PERIOD, THE CONTRACTOR WILL COMPLETE A TRANSFER OF UTILITY COST TO AUGUSTA TRAFFIC ENGINEERING..
  28. UPON THE DEPARTMENT ISSUANCE OF NOTICE TO PROCEED ANY EXISTING TRAFFIC SIGNAL EQUIPMENT RESPONSIBILITIES FOR MAINTENANCE, OPERATIONS AND RESPONSE TO TRAFFIC SIGNAL MALFUNCTION BECOME THE RESPONSIBILITY OF THE CONTRACTOR AND WILL END WHEN THE DEPARTMENT ACCEPTS THE SIGNAL, PROVISIONS OF SUBSECTION 647.3.07. CONTRACTOR WARRANT AND MAINTENANCE, APPLY.
  29. PROPOSED ATTACHMENT HEIGHTS AND POLE LOCATIONS ARE PROVIDED AS GENERAL GUIDELINES TO THE TRAFFIC SIGNAL INSTALLER. ACTUAL ATTACHMENT HEIGHTS AND POLE LOCATIONS SHALL BE FIELD DETERMINED BY INSTALLER PRIOR TO ORDERING SIGNAL POLES TO PROVIDE REQUIRED SIGNAL HEAD MOUNTING HEIGHTS AND CLEARANCE FROM EXISTING UTILITIES.
  30. SIGNAL TIMING IS TO BE DEVELOPED AND INSTALLED IN THE SIGNAL CONTROLLER. SEE GEORGIA DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA SPECIAL PROVISION SECTION 687-TRAFFIC SIGNAL TIMING.



REV	DATE	DESCRIPTION
	10/24/22	SUBMITTAL TO COUNTY

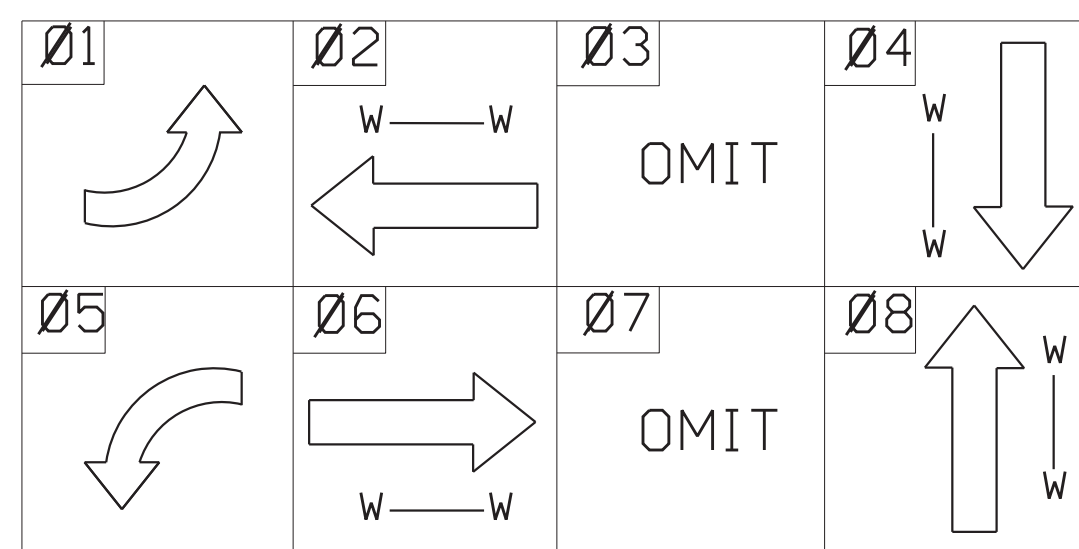
GENERAL NOTES

SIGNAL PLANS



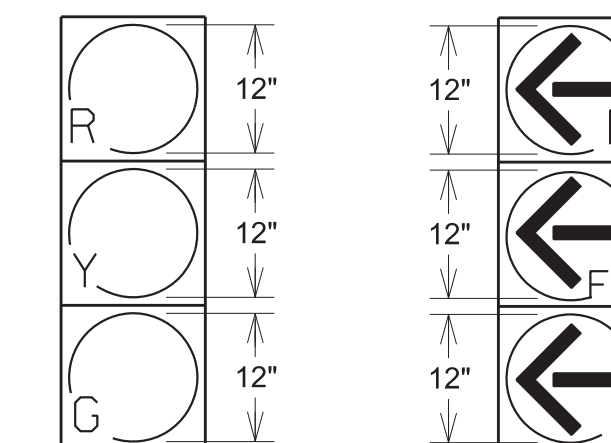
Scale: NTS  
Job:  
Issue:  
27-0002

PHASING DIAGRAM



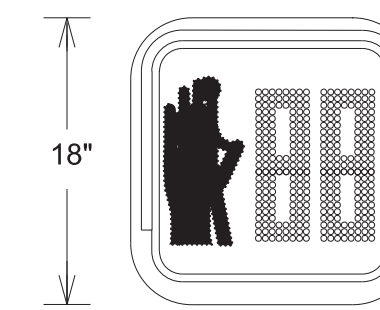
LED TRAFFIC SIGNAL HEADS W/TP 1x REFLECTION TAPE ON BACK PLATES

LED PEDESTRIAN SIGNAL HEADS



2,4,6,8

1,5



P2,P4,P6,P8

NOTE: POWER SERVICE SHALL BE COORDINATED WITH UTILITY COMPANY BY CONTRACTOR

INSTALL:  
- POWER SERVICE ASSEMBLY (SEE DETAIL)  
- CONDUIT, GRS, (1) 2", (12LF) FOR POWER SERVICE

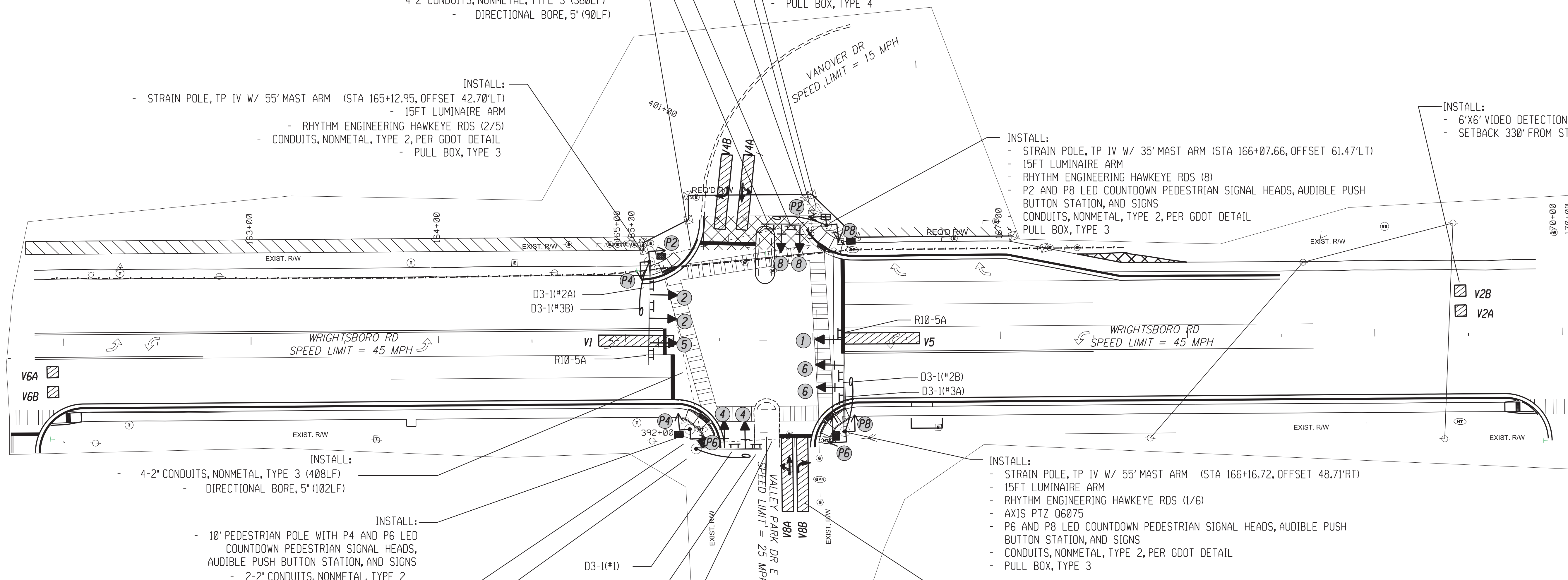
INSTALL:  
- 2070LX CONTROLLER IN A 332 QUAD CABINET, WITH PREFABRICATED BASE  
- RELOCATE FIBER DROP CABLE (FDC) FROM EXISTING CABINET TO NEW CABINET  
- EMTRAC ST-9283 PRIORITY DETECTOR  
- RHYTHM ENGINEERING INSYNC 330S PROCESSOR  
- CISCO CATLYST IE3200 ETHERNET SWITCH  
- CONDUITS, NONMETAL, PER GDOT DETAIL  
- PULL BOX, TYPE 4

INSTALL:  
- 4-2" CONDUITS, NONMETAL, TYPE 3 (36ØLF)  
- DIRECTIONAL BORE, 5' (9ØLF)

INSTALL:  
- STRAIN POLE, TP IV W/ 55' MAST ARM (STA 165+12.95, OFFSET 42.7Ø'LT)  
- 15FT LUMINAIRE ARM  
- RHYTHM ENGINEERING HAWKEYE RDS (2/5)  
- CONDUITS, NONMETAL, TYPE 2, PER GDOT DETAIL  
- PULL BOX, TYPE 3

INSTALL:  
- STRAIN POLE, TP IV W/ 35' MAST ARM (STA 166+Ø7.66, OFFSET 61.47'LT)  
- 15FT LUMINAIRE ARM  
- RHYTHM ENGINEERING HAWKEYE RDS (8)  
- P2 AND P8 LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE PUSH BUTTON STATION, AND SIGNS  
- CONDUITS, NONMETAL, TYPE 2, PER GDOT DETAIL  
- PULL BOX, TYPE 3

INSTALL:  
- 6'X6' VIDEO DETECTION ZONE (TYP)  
- SETBACK 33Ø' FROM STOP BAR



INSTALL:  
- 4-2" CONDUITS, NONMETAL, TYPE 3 (4Ø8LF)  
- DIRECTIONAL BORE, 5' (1Ø2LF)

INSTALL:  
- 1Ø' PEDESTRIAN POLE WITH P4 AND P6 LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE PUSH BUTTON STATION, AND SIGNS  
- 2-2" CONDUITS, NONMETAL, TYPE 2  
- PULL BOX, TYPE 2

INSTALL:  
- 3-2" CONDUITS, NONMETAL, TYPE 3 (24LF)

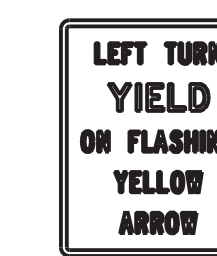
INSTALL:  
- STRAIN POLE, TP IV W/ 35' MAST ARM (STA 165+37.24, OFFSET 57.38'RT)  
- 15FT LUMINAIRE ARM  
- RHYTHM ENGINEERING HAWKEYE RDS (4)  
- CONDUITS, NONMETAL, TYPE 2, PER GDOT DETAIL  
- PULL BOX, TYPE 3

INSTALL:  
- 4-2" CONDUITS, NONMETAL, TYPE 3 (288LF)  
- DIRECTIONAL BORE, 5' (72LF)

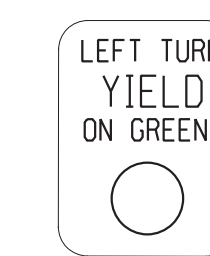
INSTALL:  
- STRAIN POLE, TP IV W/ 55' MAST ARM (STA 166+16.72, OFFSET 48.71'RT)  
- 15FT LUMINAIRE ARM  
- RHYTHM ENGINEERING HAWKEYE RDS (1/6)  
- AXIS PTZ Ø6Ø75  
- P6 AND P8 LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE PUSH BUTTON STATION, AND SIGNS  
- CONDUITS, NONMETAL, TYPE 2, PER GDOT DETAIL  
- PULL BOX, TYPE 3

INSTALL:  
- 6'X4Ø' PRESENCE VIDEO DETECTION ZONE (TYP)

REGULATORY SIGNS

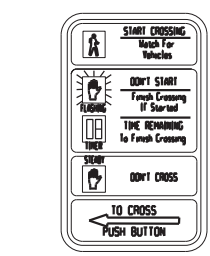


R10-5A  
30" X 36"

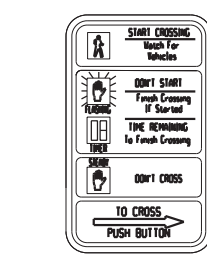


R10-12  
30" X 36"

PEDESTRIAN SIGNS



R10-3E(L)  
9" X 15"



R10-3E(R)  
9" X 15"

INTERNALLY ILLUMINATED OVERHEAD STREET NAME SIGNS

Wrightsboro Rd

D3-1 (#1)

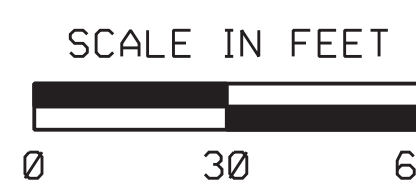
Vanover Dr

D3-1 (#2)

Valley Park East

D3-1 (#3)

- NOTES:
- CONTRACTOR TO DETERMINE SIGNAL POLE ATTACHMENT HEIGHT PRIOR TO MANUFACTURING OF SIGNAL POLES.
  - DETECTION ZONES ARE APPROXIMATE. SIGNAL CONTRACTOR SHALL COORDINATE WITH AUGUSTA TRAFFIC ENGINEERING DEPARTMENT TO SET UP DETECTION ZONES TO PROVIDE OPTIMUM INTERSECTION DETECTION.
  - CONTRACTOR SHALL CONFORM TO ALL APPLICABLE GDOT AND CITY OF AUGUSTA STANDARDS AND SPECIFICATIONS FOR CONSTRUCTION (WITH EXCEPTIONS AS DIRECTED BY THESE PLANS OR CITY OF AUGUSTA).
  - CONTRACTOR SHALL RETURN ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO THE CITY OF AUGUSTA TRAFFIC ENGINEERING DEPARTMENT.
  - ALL MAST ARM POLES, ARMS, AND BASES SHALL BE EPOXY PAINTED BLACK.
  - ALL VEHICULAR AND PEDESTRIAN SIGNALS SHALL HAVE BLACK FACES AND BLACK BACKS. ALL SIGNAL HARDWARE SHALL BE BLACK.
  - D3-1 SIGNS (STREET NAME SIGNS) SHALL BE INTERNAL ILLUMINATED TO MATCH SOUTHERN MANUFACTURING SPECIFICATIONS.
  - CONTRACTOR SHALL VACUUM BORE FOUNDATIONS FOR MAST ARM POLES DUE TO PROXIMITY OF UTILITIES.



REV	DATE	DESCRIPTION

WRIGHTSBORO RD @ VANOVER DR/VALLEY PARK DR EAST (INSTALLATION 1)

SIGNAL PLANS

Scale: 1"=30'  
Job:  
Issue:  
27-0003

INSTALLATION NO. 1  
PROPOSED 332 CABINET INPUT ASSIGNMENT



REVISION  
DATE  
10/20/22  
SUBMITAL TO CLIENT

VANOVER DR / VALLEY PARK DR EAST (INSTALLATION NO. 1)  
INPUT ASSIGNMENTS / LIST OF MATERIALS / PAY ITEMS

SIGNAL PLANS

Scale: NTS  
Job:  
Issue:  
27-0004

SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14
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UPPER INPUT FILE

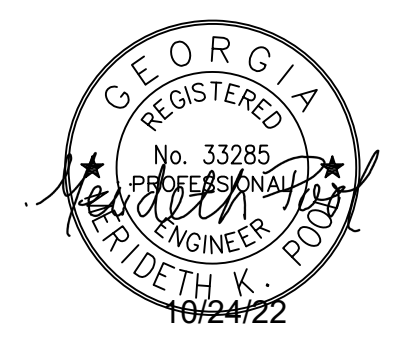
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CHANNEL 1	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL
	C1 PIN	56	39	63	47	58	41	65	49	60		80	67	68	81
	FUNCTION	PH 1	PH 2				PH 4					INT ADV	PH 2 PED	PH 6 PED	FLASH
	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-6 1,2	TB-6 5,6	TB-6 9,10		NC	TB-8 4,6	TB-8 7,9	NC
CHANNEL 2	C1 PIN	56	43	76	47	58	45	78	49	62			69	70	82
	FUNCTION		PH 2				PH 4					MCE	PH 4 PED	PH 8 PED	STOP TIME
	FIELD TERM	TB-2 3,4	TB-2 7,8	TB-2 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-6 3,4	TB-6 7,8	TB-6 11,12		NC	TB-8 5,6	TB-8 8,9	NC

LOWER INPUT FILE

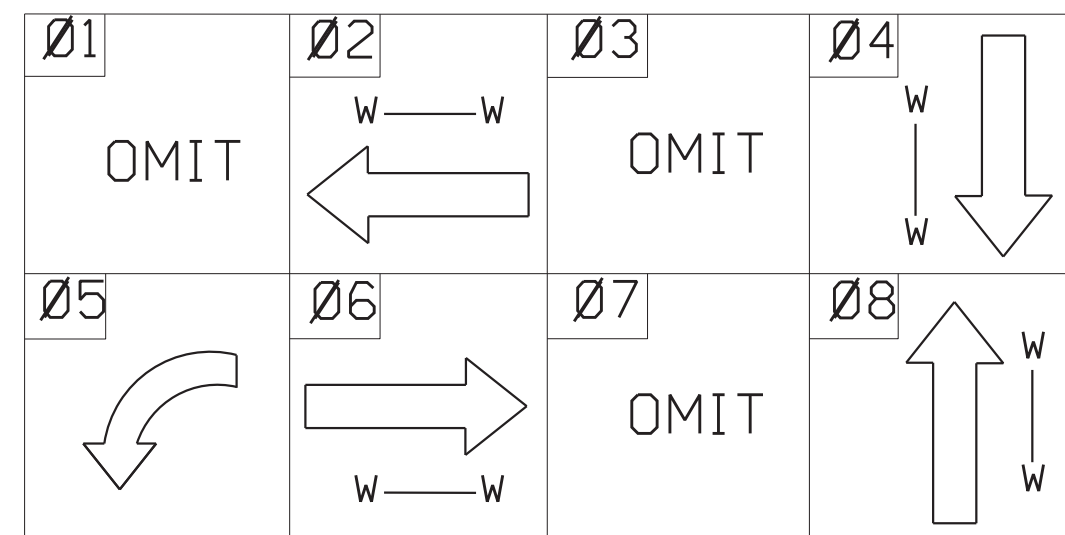
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CHANNEL 1	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL
	C1 PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
	FUNCTION	PH 5	PH 6				PH 8						EVA	EVB	R/R
	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-6 1,2	TB-6 5,6	TB-6 9,10		NC	TB-9 4,6	TB-9 7,9	NC
CHANNEL 2	C1 PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
	FUNCTION		PH 6				PH 8						EVC	EVD	
	FIELD TERM	TB-2 3,4	TB-2 7,8	TB-2 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-6 3,4	TB-6 7,8	TB-6 11,12		NC	TB-9 5,6	TB-9 8,9	TB-9 11,12

TRAFFIC SIGNAL INSTALLATION NO. 1		
WRIGHTSBORO ROAD @ VANOVER/VALLEY PARK DRIVE		
DESCRIPTION	UNIT	QUANTITY
LIST OF MATERIALS		
CABINET CONTROLLER ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070LY	EA	1
E. CABINET ASSEMBLY, MODEL CL4D QUAD 332	EA	1
F. SWITCH PACK (LOAD SWITCH)	EA	12
G. DC ISOLATOR	EA	3
K. 2010 SIGNAL MONITOR, TYPE B (ETHERNET)	EA	1
M. AUXILIARY OUTPUT FILE	EA	1
PREFABRICATED WORK PAD		
CL4D PREFABRICATED CONTROLLER CABINET BASE	EA	1
PC642-200 (OR EQUIVALENT), SURGE PROTECTOR	EA	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT). 3 PAIR 18 AWG	REEL	2
SIGNAL CABLE (14AWG), 7 CONDUCTOR, PER 1000 FT	REEL	1
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (STANDARD 3 STACK CONFIG)	EA	8
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (BIMODEL CONFIG)	EA	2
1-SECTION, 16"x18" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, FULL HAND/MAIN OVERLAP (9" HIGH NUMBERS & 12" SYMBOLS), BLACK	EA	8
PEDESTRIAN PUSH BUTTON STATIONS, W/ BUTTONS AND SIGNS (ADA COMPLIANT BOPM3-X, PIEZO ELECTRIC); 9" X 15", R10-3E, (LEFT OR (R)IGHT, COUNTDOWN, BLACK		
1. 9"x15", R10-3EL, COUNTDOWN	EA	4
2. 9"x15", R10-3ER, COUNTDOWN	EA	4
PEDESTRIAN PUSHBUTTON STATION ADAPTERS (ONLY)		
1. 9"x15", DOUBLE PUSHBUTTON STATION ADAPTER FOR 4" DIA PEDESTRIAN POLE, ADJUSTABLE, BLACK	EA	1
BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD, ABS PLASTIC, BLACK w/ RETROREFLECTIVE STRIP	EA	10
HARDWARE FOR MAST ARM MOUNTING	EA	10
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, TWO-WAY BRACKET ASSEMBLY (BLACK)	EA	1
PEDESTAL POLE & SQUARE BASE (BLACK)	EA	1
PULL BOX, PB-2	EA	1
PULL BOX, PB-3	EA	4
PULL BOX, PB-4	EA	1
CONDUIT, 1"	LF	20
CONDUIT, 2"	LF	50
CONDUIT, RIGID, 2"	LF	50
R10-5A, LEFT TURN ON FLASHING YELLOW ARROW SIGN	EA	2
R10-12, YELLOW TURN YIELD ON GREEN	EA	2
MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATION	LUMP	LUMP

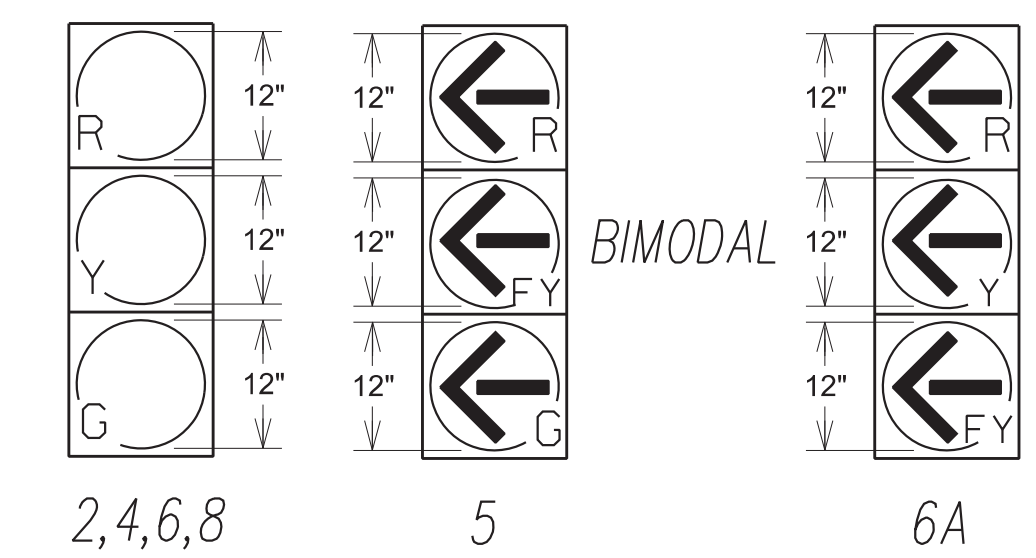
PAY ITEMS FOR TRAFFIC SIGNAL INSTALLATION NO. 1		
DESCRIPTION	UNIT	QUANTITY
DIRECTIONAL BORE PIPE - 5 IN.	LF	264
CONDUIT, NONMETAL, TP 2, 2 IN	LF	1056
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ SINGLE 35' MAST ARM (BLACK)	EA	2
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ SINGLE 55' MAST ARM (BLACK)	EA	2
TRAFFIC SIGNAL INSTALLATION NO.1	LS	1
ELECTRICAL POWER SERVICE ASSEMBLY (AERIAL SERVICE POINT)	EA	1
INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A	EA	1
OUTPUT EXPANSION MODULE, TYPE A	EA	1
CCTV SYSTEM, TYPE H	EA	1
INTERNALLY ILLUMINATED STREET SIGN DOUBLE SIDED	EA	6
INTERNALLY ILLUMINATED STREET SIGN CONTROL ASSEMBLY	EA	6
MISC. MATL. TO COMPLETE INSTALLATION	LUMP	LUMP



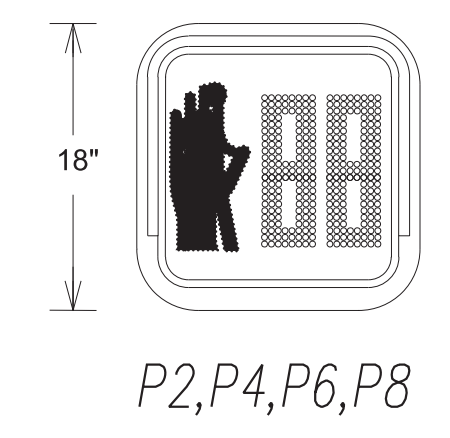
PHASING DIAGRAM



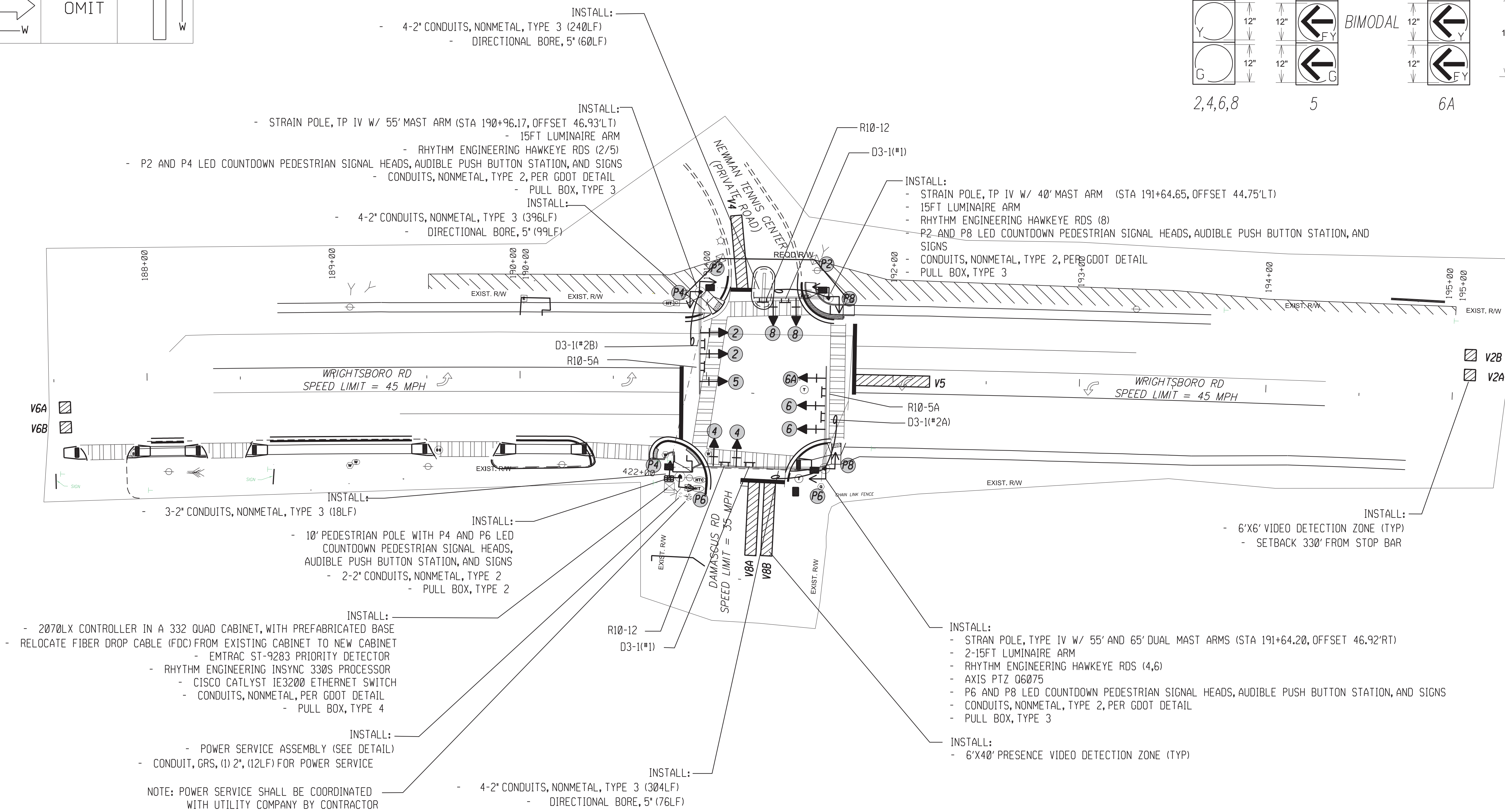
LED TRAFFIC SIGNAL HEADS W/TP 1x REFLECTION TAPE ON BACK PLATES



LED PEDESTRIAN SIGNAL HEADS



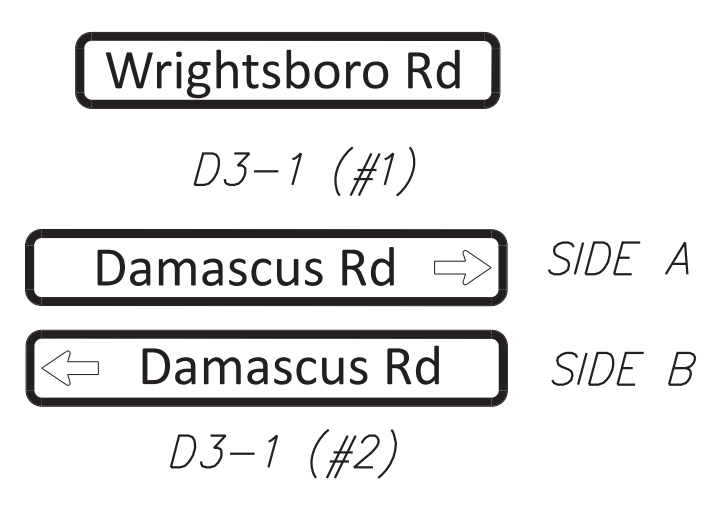
REV	DATE	DESCRIPTION



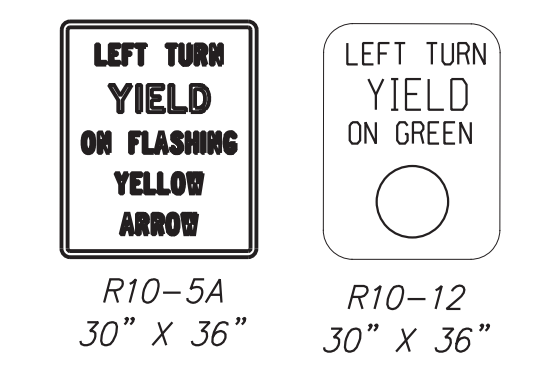
- INSTALL:
  - 4-2" CONDUITS, NONMETAL, TYPE 3 (240LF)
  - DIRECTIONAL BORE, 5" (60LF)
- INSTALL:
  - STRAIN POLE, TP IV W/ 55' MAST ARM (STA 190+96.17, OFFSET 46.93'LT)
  - 15FT LUMINAIRE ARM
  - RHYTHM ENGINEERING HAWKEYE RDS (2/5)
  - P2 AND P4 LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE PUSH BUTTON STATION, AND SIGNS
  - CONDUITS, NONMETAL, TYPE 2, PER GDOT DETAIL
  - PULL BOX, TYPE 3
- INSTALL:
  - 4-2" CONDUITS, NONMETAL, TYPE 3 (396LF)
  - DIRECTIONAL BORE, 5" (99LF)
- INSTALL:
  - STRAIN POLE, TP IV W/ 40' MAST ARM (STA 191+64.65, OFFSET 44.75'LT)
  - 15FT LUMINAIRE ARM
  - RHYTHM ENGINEERING HAWKEYE RDS (8)
  - P2 AND P8 LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE PUSH BUTTON STATION, AND SIGNS
  - CONDUITS, NONMETAL, TYPE 2, PER GDOT DETAIL
  - PULL BOX, TYPE 3
- INSTALL:
  - 3-2" CONDUITS, NONMETAL, TYPE 3 (18LF)
  - 10' PEDESTRIAN POLE WITH P4 AND P6 LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE PUSH BUTTON STATION, AND SIGNS
  - 2-2" CONDUITS, NONMETAL, TYPE 2
  - PULL BOX, TYPE 2
- INSTALL:
  - 2070LX CONTROLLER IN A 332 QUAD CABINET, WITH PREFABRICATED BASE
  - RELOCATE FIBER DROP CABLE (FDC) FROM EXISTING CABINET TO NEW CABINET
  - EMTRAC ST-9283 PRIORITY DETECTOR
  - RHYTHM ENGINEERING INSYNC 330S PROCESSOR
  - CISCO CATLYST IE3200 ETHERNET SWITCH
  - CONDUITS, NONMETAL, PER GDOT DETAIL
  - PULL BOX, TYPE 4
- INSTALL:
  - POWER SERVICE ASSEMBLY (SEE DETAIL)
  - CONDUIT, GRS, (1) 2", (12LF) FOR POWER SERVICE
- NOTE: POWER SERVICE SHALL BE COORDINATED WITH UTILITY COMPANY BY CONTRACTOR
- INSTALL:
  - 4-2" CONDUITS, NONMETAL, TYPE 3 (304LF)
  - DIRECTIONAL BORE, 5" (76LF)
- INSTALL:
  - 6'X6' VIDEO DETECTION ZONE (TYP)
  - SETBACK 330' FROM STOP BAR
- INSTALL:
  - STRAN POLE, TYPE IV W/ 55' AND 65' DUAL MAST ARMS (STA 191+64.20, OFFSET 46.92'RT)
  - 2-15FT LUMINAIRE ARM
  - RHYTHM ENGINEERING HAWKEYE RDS (4,6)
  - AXIS PTZ 06075
  - P6 AND P8 LED COUNTDOWN PEDESTRIAN SIGNAL HEADS, AUDIBLE PUSH BUTTON STATION, AND SIGNS
  - CONDUITS, NONMETAL, TYPE 2, PER GDOT DETAIL
  - PULL BOX, TYPE 3
- INSTALL:
  - 6'X40' PRESENCE VIDEO DETECTION ZONE (TYP)

- NOTES:
- CONTRACTOR TO DETERMINE SIGNAL POLE ATTACHMENT HEIGHT PRIOR TO MANUFACTURING OF SIGNAL POLES.
  - DETECTION ZONES ARE APPROXIMATE. SIGNAL CONTRACTOR SHALL COORDINATE WITH AUGUSTA TRAFFIC ENGINEERING DEPARTMENT TO SET UP DETECTION ZONES TO PROVIDE OPTIMUM INTERSECTION DETECTION.
  - CONTRACTOR SHALL CONFORM TO ALL APPLICABLE GDOT AND CITY OF AUGUSTA STANDARDS AND SPECIFICATIONS FOR CONSTRUCTION (WITH EXCEPTIONS AS DIRECTED BY THESE PLANS OR CITY OF AUGUSTA).
  - CONTRACTOR SHALL RETURN ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO THE CITY OF AUGUSTA TRAFFIC ENGINEERING DEPARTMENT.
  - ALL MAST ARM POLES, ARMS, AND BASES SHALL BE EPOXY PAINTED BLACK.
  - ALL VEHICULAR AND PEDESTRIAN SIGNALS SHALL HAVE BLACK FACES AND BLACK BACKS. ALL SIGNAL HARDWARE SHALL BE BLACK.
  - D3-1 SIGNS (STREET NAME SIGNS) SHALL BE INTERNAL ILLUMINATED TO MATCH SOUTHERN MANUFACTURING SPECIFICATIONS.
  - CONTRACTOR SHALL VACUUM BORE FOUNDATIONS FOR MAST ARM POLES DUE TO PROXIMITY OF UTILITIES.

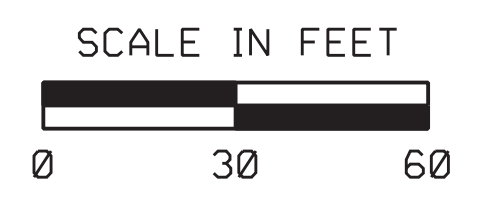
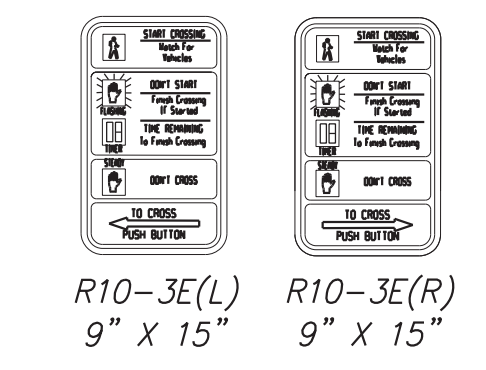
INTERNALLY ILLUMINATED OVERHEAD STREET NAME SIGNS



REGULATORY SIGNS



PEDESTRIAN SIGNS



WRIGHTSBORO RD @ DAMASCUS RD (INSTALLATION 2)

SIGNAL PLANS

Scale: 1"=30'
Job:
Issue:
27-0005

INSTALLATION NO. 2  
PROPOSED 332 CABINET INPUT ASSIGNMENT

SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14
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UPPER INPUT FILE

	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC	
CHANNEL 1	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	
	C1 PIN	56	39	63	47	58	41	65	49	60			80	67	68	
	FUNCTION		PH 2										INT ADV	PH 2	PH 6	FLASH
	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-6 1,2	TB-6 5,6	TB-6 9,10			NC	TB-8 4,6	TB-8 7,9	NC
CHANNEL 2	C1 PIN	56	43	76	47	58	45	78	49	62			53	69	70	82
	FUNCTION		PH 2										MCE	PH 4	PH 8	STOP TIME
	FIELD TERM	TB-2 3,4	TB-2 7,8	TB-2 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-6 3,4	TB-6 7,8	TB-6 11,12			NC	TB-8 5,6	TB-8 8,9	NC

LOWER INPUT FILE

	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC	
CHANNEL 1	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	
	C1 PIN	55	40	64	48	57	42	66	50	59			71	72	51	
	FUNCTION		PH 5	PH 6	PH 6			PH 8					EVA	EVB	R/R	
	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-6 1,2	TB-6 5,6	TB-6 9,10			NC	TB-9 4,6	TB-9 7,9	NC
CHANNEL 2	C1 PIN	55	44	77	48	57	46	79	50	61			75	73	74	52
	FUNCTION		PH 6				PH 8						EVC	EVD		
	FIELD TERM	TB-2 3,4	TB-2 7,8	TB-2 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-6 3,4	TB-6 7,8	TB-6 11,12			NC	TB-9 5,6	TB-9 8,9	TB-9 11,12

TRAFFIC SIGNAL INSTALLATION NO. 2		
WRIGHTSBORO ROAD @ DAMASCUS ROAD		
LIST OF MATERIALS	UNIT	QUANTITY
<b>CABINET CONTROLLER ASSEMBLIES</b>		
A. CONTROLLER UNIT, MODEL 2070LX	EA	1
E. CABINET ASSEMBLY, MODEL CL4D QUAD 332	EA	1
F. SWITCH PACK (LOAD SWITCH)	EA	11
G. DC ISOLATOR	EA	3
H. LOOP DETECTOR, 2 CHANNEL	EA	4
K. 2010 SIGNAL MONITOR, TYPE B (ETHERNET)	EA	1
M. AUXILIARY OUTPUT FILE	EA	1
<b>PREFABRICATED WORK PAD</b>		
CL40 PREFABRICATED CONTROLLER CABINET BASE	EA	1
PC642-200 (OR EQUIVALENT), SURGE PROTECTOR	EA	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT), 3 PAIR 18 AWG	REEL	2
SIGNAL CABLE (14AWG), 7 CONDUCTOR, PER 1000 FT	REEL	1
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (STANDARD 3 STACK CONFIG)	EA	8
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (BIMODEL CONFIG)	EA	1
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (FYA CONFIG)	EA	1
1-SECTION, 16"x18" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, FULL HAND/MAN OVERLAP (9" HIGH NUMBERS & 12" SYMBOLS), BLACK	EA	8
<b>PEDESTRIAN PUSH BUTTON STATIONS, W/ BUTTONS AND SIGNS (ADA COMPLIANT BOPM3-X, PIEZO ELECTRIC): 9" X 15", R10-3E, (L)LEFT OR (R)RIGHT, COUNTDOWN, BLACK</b>		
1. 9"x15", R10-3EL, COUNTDOWN	EA	4
2. 9"x15", R10-3ER, COUNTDOWN	EA	4
<b>PEDESTRIAN PUSHBUTTON STATION ADAPTERS (ONLY)</b>		
1. 9"x15", DOUBLE PUSHBUTTON STATION ADAPTER FOR 4" DIA PEDESTRIAN POLE, ADJUSTABLE, BLACK	EA	1
BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD, ABS PLASTIC, BLACK W/ RETROREFLECTIVE STRIP	EA	10
<b>HARDWARE FOR MAST ARM MOUNTING</b>		
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, TWO-WAY BRACKET ASSEMBLY (BLACK)	EA	1
PEDESTAL POLE & SQUARE BASE (BLACK)	EA	1
PULL BOX, PB-2	EA	1
PULL BOX, PB-3	EA	3
PULL BOX, PB-4	EA	1
CONDUIT, 1"	LF	20
CONDUIT, 2"	LF	50
CONDUIT, RIGID, 2"	LF	50
R10-5A, LEFT TURN ON FLASHING YELLOW ARROW SIGN	EA	2
R10-12, YELLOW TURN YIELD ON GREEN	EA	2
<b>MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATION</b>		
	LUMP	LUMP

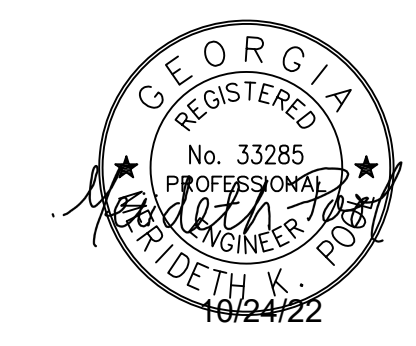
PAY ITEMS FOR TRAFFIC SIGNAL INSTALLATION NO. 2		
DESCRIPTION	UNIT	QUANTITY
DIRECTIONAL BORE PIPE - 5 IN.	LF	235
CONDUIT, NONMETAL, TP 2, 2 IN	LF	1000
STEEL STRAIN POLE, TP IV, NCL 15 FT LUMINAIRE ARM W/ SINGLE 40' MAST ARM (BLACK)	EA	1
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ SINGLE 55' MAST ARM (BLACK)	EA	1
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ ONE 55' MAST ARM AND ONE 65' (BLACK)	EA	1
TRAFFIC SIGNAL INSTALLATION NO.2	LS	1
ELECTRICAL POWER SERVICE ASSEMBLY (AERIAL SERVICE POINT)	EA	1
INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A	EA	1
OUTPUT EXPANSION MODULE, TYPE A	EA	1
CCTV SYSTEM, TYPE H	EA	1
INTERNALLY ILLUMINATED STREET SIGN DOUBLE SIDED	EA	4
INTERNALLY ILLUMINATED STREET SIGN CONTROL ASSEMBLY	EA	4
MISC. MATL. TO COMPLETE INSTALLATION	LUMP	



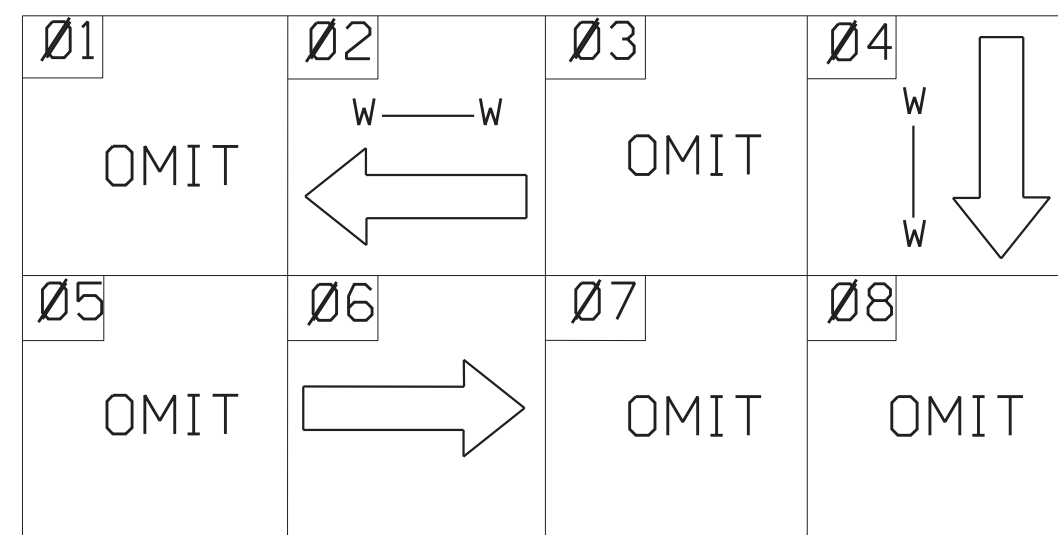
REV	DATE	DESCRIPTION
1	10/20/22	SUBMITTAL TO CDOT

DAMASCUS RD (INSTALLATION NO. 2)  
INPUT ASSIGNMENTS / LIST OF MATERIALS / PAY ITEMS

SIGNAL PLANS
Scale: NTS
Job:
Issue:
27-0006

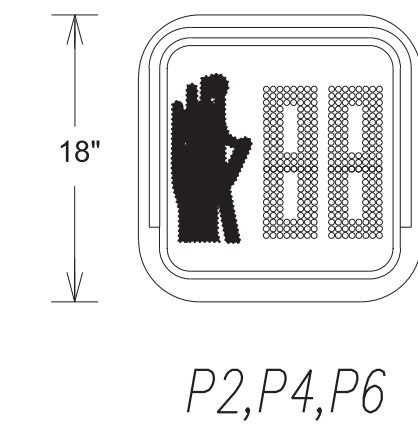
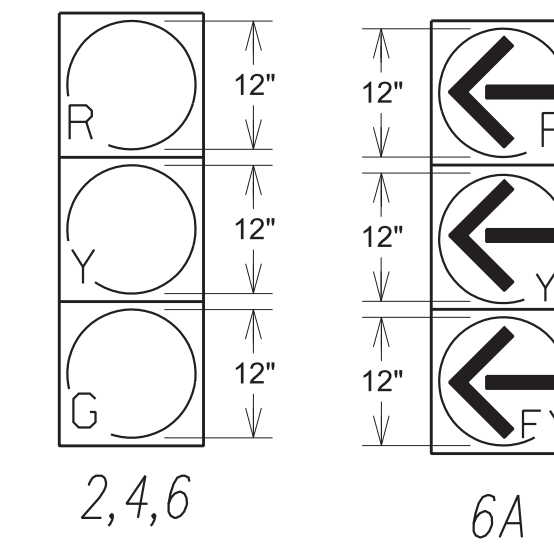


PHASING DIAGRAM

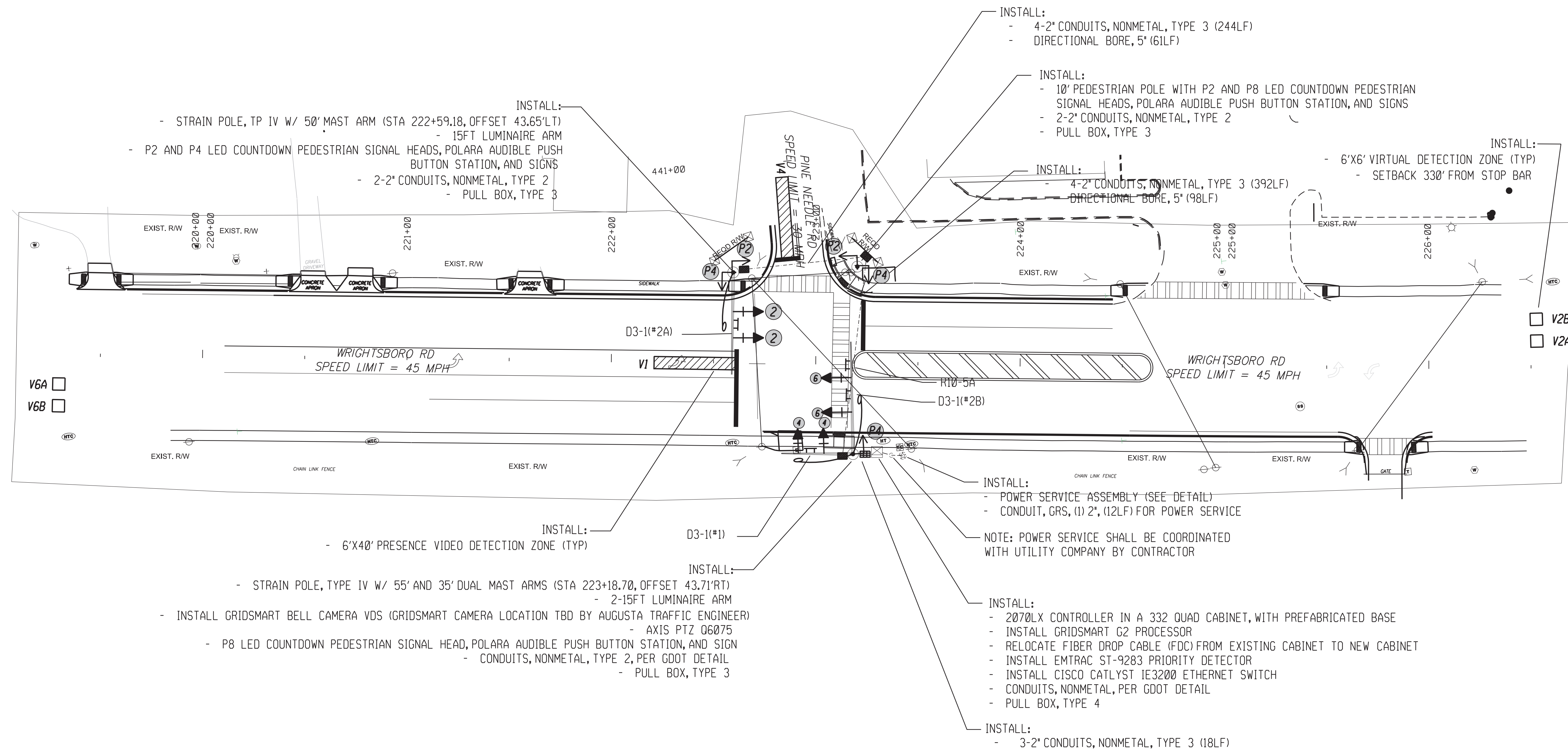


LED TRAFFIC SIGNAL HEADS W/TP 1x REFLECTION TAPE ON BACK PLATES

LED PEDESTRIAN SIGNAL HEADS

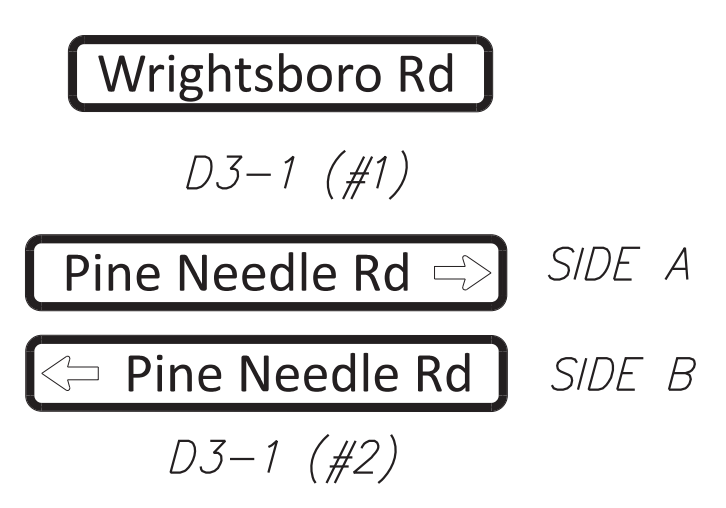


REV	DATE	DESCRIPTION
10/20/22		SUBMITTAL TO COUNTY



- NOTES:
- CONTRACTOR TO DETERMINE SIGNAL POLE ATTACHMENT HEIGHT PRIOR TO MANUFACTURING OF SIGNAL POLES.
  - DETECTION ZONES ARE APPROXIMATE. SIGNAL CONTRACTOR SHALL COORDINATE WITH AUGUSTA TRAFFIC ENGINEERING DEPARTMENT TO SET UP DETECTION ZONES TO PROVIDE OPTIMUM INTERSECTION DETECTION.
  - CONTRACTOR SHALL CONFORM TO ALL APPLICABLE GDOT AND CITY OF AUGUSTA STANDARDS AND SPECIFICATIONS FOR CONSTRUCTION (WITH EXCEPTIONS AS DIRECTED BY THESE PLANS OR CITY OF AUGUSTA).
  - CONTRACTOR SHALL RETURN ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO THE CITY OF AUGUSTA TRAFFIC ENGINEERING DEPARTMENT.
  - ALL MAST ARM POLES, ARMS, AND BASES SHALL BE EPOXY PAINTED BLACK.
  - ALL VEHICULAR AND PEDESTRIAN SIGNALS SHALL HAVE BLACK FACES AND BLACK BACKS. ALL SIGNAL HARDWARE SHALL BE BLACK.
  - D3-1 SIGNS (STREET NAME SIGNS) SHALL BE INTERNAL ILLUMINATED TO MATCH SOUTHERN MANUFACTURING SPECIFICATIONS.
  - CONTRACTOR SHALL VACUUM BORE FOUNDATIONS FOR MAST ARM POLES DUE TO PROXIMITY OF UTILITIES.

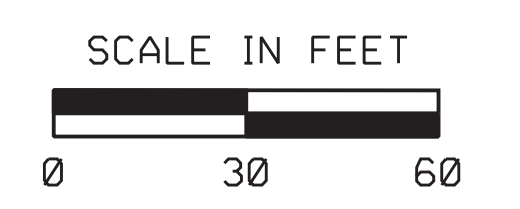
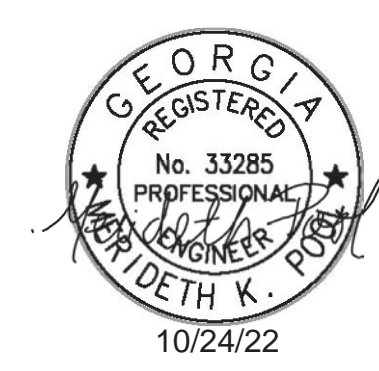
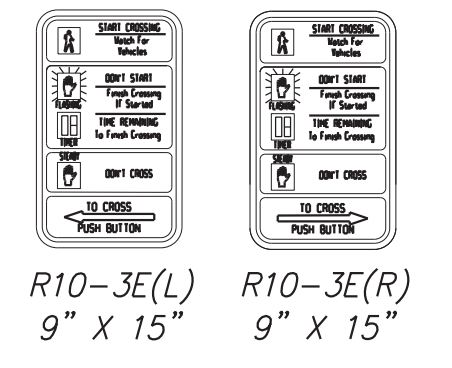
INTERNALLY ILLUMINATED OVERHEAD STREET NAME SIGNS



REGULATORY SIGNS



PEDESTRIAN SIGNS



WRIGHTSBORO RD @ PINE NEEDLE RD (INSTALLATION 3)

SIGNAL PLANS

Scale: 1"=30'  
Jobs:  
Issue:  
27-0007

INSTALLATION NO. 3  
PROPOSED 332 CABINET INPUT ASSIGNMENT

SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14
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UPPER INPUT FILE

	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
CHANNEL 1	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL
	C1 PIN	56	39	63	47	58	41	65	49	60		80	67	68	81
	FUNCTION		PH 2				Ph 4					INT ADV	PH 2 PED	PH 6 PED	FLASH
	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-6 1,2	TB-6 5,6	TB-6 9,10		NC	TB-8 4,6	TB-8 7,9	NC
CHANNEL 2	C1 PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
	FUNCTION		PH 2									MCE	Ph 4 PED		STOP TIME
	FIELD TERM	TB-2 3,4	TB-2 7,8	TB-2 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-6 3,4	TB-6 7,8	TB-6 11,12		NC	TB-8 5,6	TB-8 8,9	NC

LOWER INPUT FILE

	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
CHANNEL 1	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL
	C1 PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
	FUNCTION		PH 6	PH 6									EVA	EVB	R/R
	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-6 1,2	TB-6 5,6	TB-6 9,10		NC	TB-9 4,6	TB-9 7,9	NC
CHANNEL 2	C1 PIN	55	44	77	48	57	46	79	50	61		75	73	74	52
	FUNCTION		PH 6										EVC	EVD	
	FIELD TERM	TB-2 3,4	TB-2 7,8	TB-2 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-6 3,4	TB-6 7,8	TB-6 11,12		NC	TB-9 5,6	TB-9 8,9	TB-9 11,12

TRAFFIC SIGNAL INSTALLATION NO. 3		
WRIGHTSBORO ROAD @ PINE NEEDLE ROAD		
LIST OF MATERIALS	UNIT	QUANTITY
<b>CABINET CONTROLLER ASSEMBLIES</b>		
A. CONTROLLER UNIT, MODEL 2070LX	EA	1
E. CABINET ASSEMBLY, MODEL CL4D QUAD 332	EA	1
F. SWITCH PACK (LOAD SWITCH)	EA	7
G. DC ISOLATOR	EA	3
K. 2010 SIGNAL MONITOR, TYPE B (ETHERNET)	EA	1
M. AUXILLIARY OUTPUT FILE	EA	1
<b>PREFABRICATED WORK PAD</b>		
CL40 PREFABRICATED CONTROLLER CABINET BASE	EA	1
PC642-200 (OR EQUIVALENT), SURGE PROTECTOR	EA	1
GRIDSMART G2 PROCESSOR	EA	1
GRIDSMART BELL CAMERA VDS	EA	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT), 3 PAIR 18 AWG	REEL	2
SIGNAL CABLE (14AWG), 7 CONDUCTOR, PER 1000 FT	REEL	1
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (STANDARD 3 STACK CONFIG)	EA	6
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (FYA CONFIG)	EA	1
1-SECTION, 16"x18" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, FULL HAND/MAN OVERLAP (9" HIGH NUMBERS & 12" SYMBOLS), BLACK	EA	5
<b>PEDESTRIAN PUSH BUTTON STATIONS, W/ BUTTONS AND SIGNS (ADA COMPLIANT BOPM3-X, PIEZO ELECTRIC): 9" X 15", R10-3E, (L)LEFT OR (R)RIGHT, COUNTDOWN, BLACK</b>		
1. 9"x15", R10-3EL, COUNTDOWN	EA	3
2. 9"x15", R10-3ER, COUNTDOWN	EA	2
POLARA ICCU-S CENTRAL CONTROL UNIT W/HARNESS, INTERCONNECT AND SDLC	EA	1
POLARA IDS23 RN1-B, PUSHBUTTON, 9"x15", BLACK	EA	5
POLARA INSPA 4X2, ADAPTER MOUNT FOR 4.5" DIA POLE, BLACK	EA	1
BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD, ABS PLASTIC, BLACK w/ RETROREFLECTIVE STRIP	EA	7
HARDWARE FOR MAST ARM MOUNTING	EA	7
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, TWO-WAY BRACKET ASSEMBLY (BLACK)	EA	1
PEDESTAL POLE & SQUARE BASE (BLACK)	EA	1
PULL BOX, PB-3	EA	3
PULL BOX, PB-4	EA	1
CONDUIT, 1"	LF	20
CONDUIT, 2"	LF	50
CONDUIT, RIGID, 2"	LF	50
R10-5A, LEFT TURN ON FLASHING YELLOW ARROW SIGN	EA	1
MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATION	LUMP	LUMP

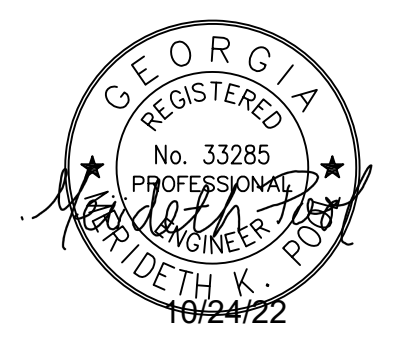
PAY ITEMS FOR TRAFFIC SIGNAL INSTALLATION NO. 3		
DESCRIPTION	UNIT	QUANTITY
DIRECTIONAL BORE PIPE - 5 IN.	LF	159
CONDUIT, NONMETAL, TP 2, 2 IN	LF	636
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ SINGLE 50' MAST ARM (BLACK)	EA	1
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ ONE 35' MAST ARM AND ONE 55' (BLACK)	EA	1
TRAFFIC SIGNAL INSTALLATION NO.3	LS	1
ELECTRICAL POWER SERVICE ASSEMBLY (AERIAL SERVICE POINT)	EA	1
INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A	EA	1
OUTPUT EXPANSION MODULE, TYPE A	EA	1
CCTV SYSTEM, TYPE H	EA	1
INTERNALLY ILLUMINATED STREET SIGN DOUBLE SIDED	EA	6
INTERNALLY ILLUMINATED STREET SIGN CONTROL ASSEMBLY	EA	6
MISC. MATL. TO COMPLETE INSTALLATION	LUMP	LUMP



REV	DATE	DESCRIPTION
10/20/22		SUBMITTAL TO CDOT

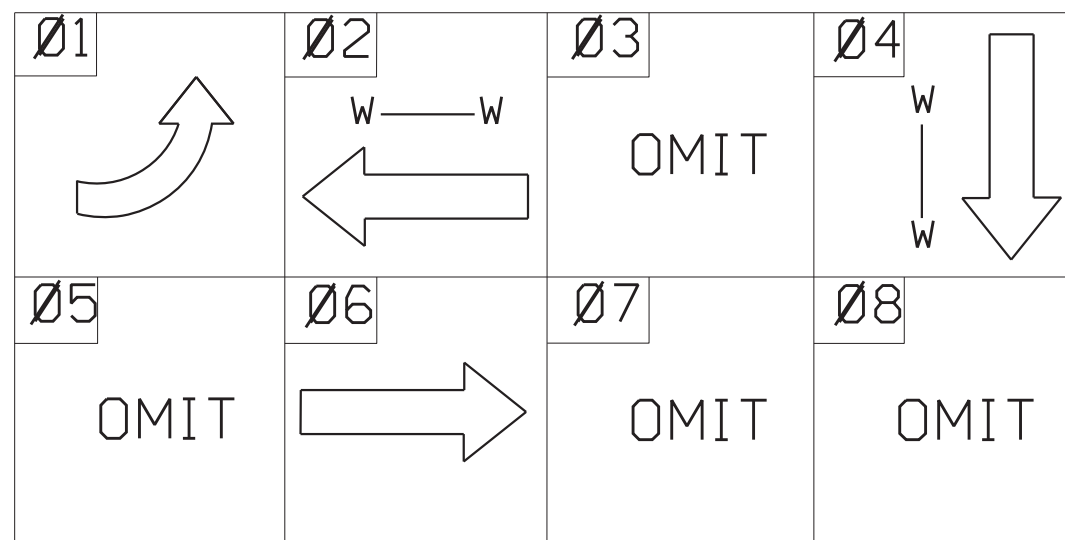
PINE NEEDLE RD (INSTALLATION NO. 3)  
INPUT ASSIGNMENTS / LIST OF MATERIALS / PAY ITEMS

SIGNAL PLANS
Scale: NTS
Job:
Issue:
27-0008



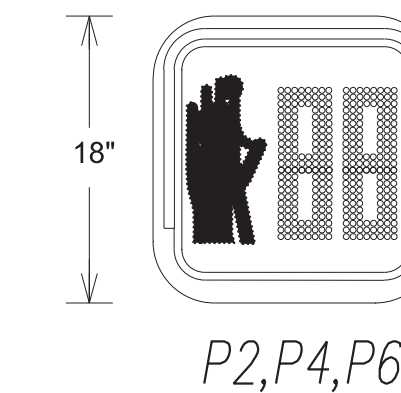
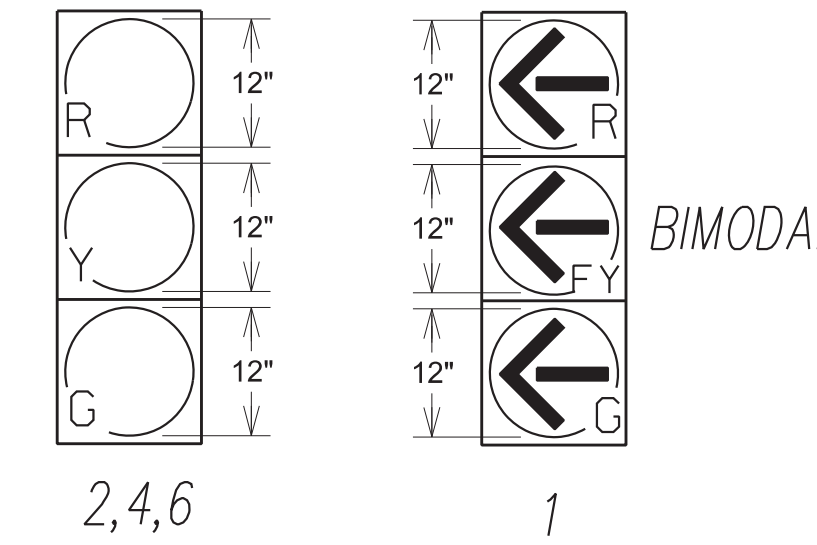


PHASING DIAGRAM



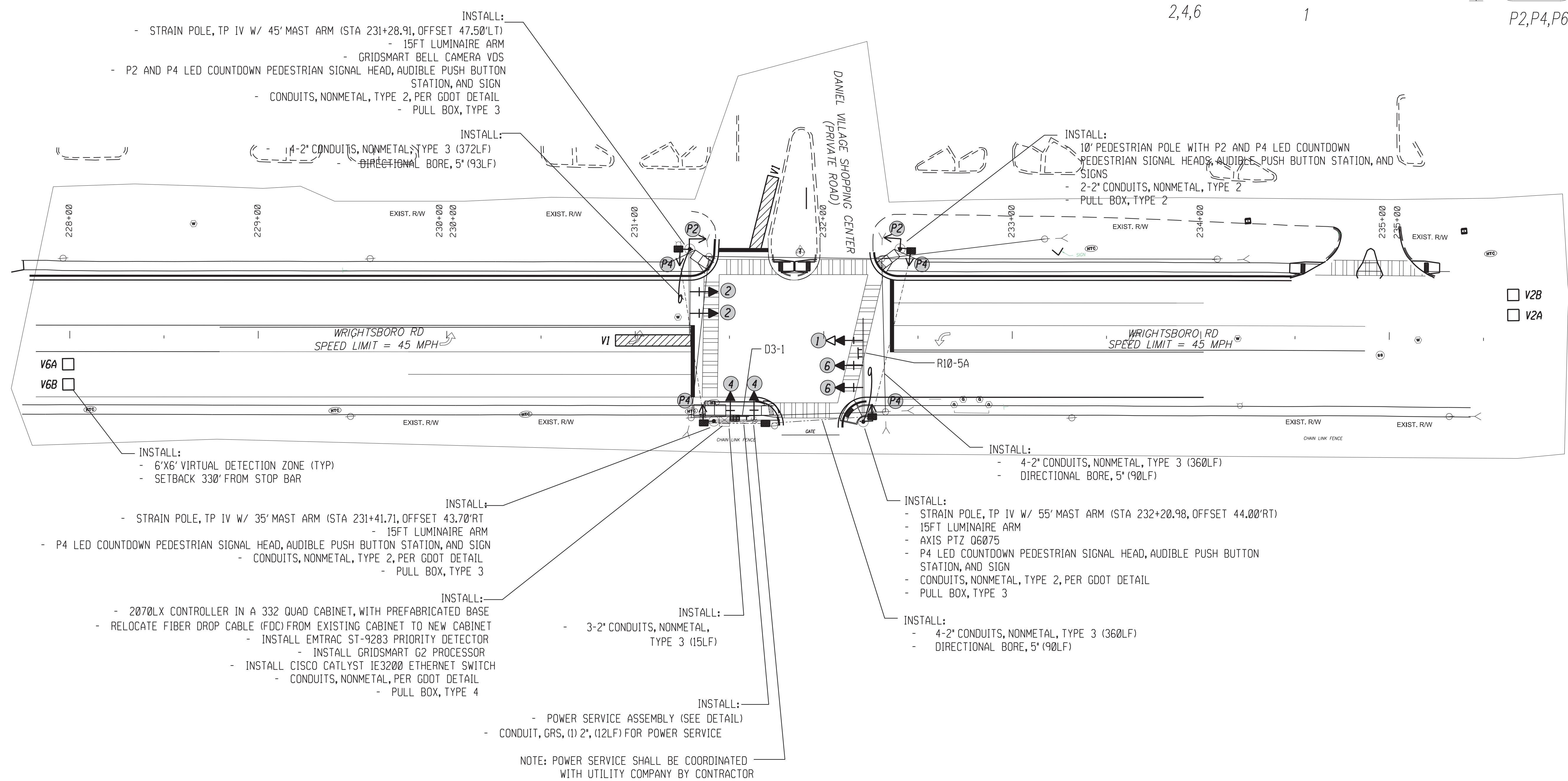
LED TRAFFIC SIGNAL HEADS W/TP 1x REFLECTION TAPE ON BACK PLATES

LED PEDESTRIAN SIGNAL HEADS



REV. DATE DESCRIPTION  
10/20/22 SUBMITTAL TO COUNTY

WRIGHTSBORO RD @ DANIEL VILLAGE SHOPPING CENTER (INSTALLATION 4)



- NOTES:
- CONTRACTOR TO DETERMINE SIGNAL POLE ATTACHMENT HEIGHT PRIOR TO MANUFACTURING OF SIGNAL POLES.
  - DETECTION ZONES ARE APPROXIMATE. SIGNAL CONTRACTOR SHALL COORDINATE WITH AUGUSTA TRAFFIC ENGINEERING DEPARTMENT TO SET UP DETECTION ZONES TO PROVIDE OPTIMUM INTERSECTION DETECTION.
  - CONTRACTOR SHALL CONFORM TO ALL APPLICABLE GDOT AND CITY OF AUGUSTA STANDARDS AND SPECIFICATIONS FOR CONSTRUCTION (WITH EXCEPTIONS AS DIRECTED BY THESE PLANS OR CITY OF AUGUSTA).
  - CONTRACTOR SHALL RETURN ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO THE CITY OF AUGUSTA TRAFFIC ENGINEERING DEPARTMENT.
  - ALL MAST ARM POLES, ARMS, AND BASES SHALL BE EPOXY PAINTED BLACK.
  - ALL VEHICULAR AND PEDESTRIAN SIGNALS SHALL HAVE BLACK FACES AND BLACK BACKS. ALL SIGNAL HARDWARE SHALL BE BLACK.
  - D3-1 SIGNS (STREET NAME SIGNS) SHALL BE INTERNAL ILLUMINATED TO MATCH SOUTHERN MANUFACTURING SPECIFICATIONS.
  - CONTRACTOR SHALL VACUUM BORE FOUNDATIONS FOR MAST ARM POLES DUE TO PROXIMITY OF UTILITIES.

INTERNALLY ILLUMINATED OVERHEAD STREET NAME SIGNS

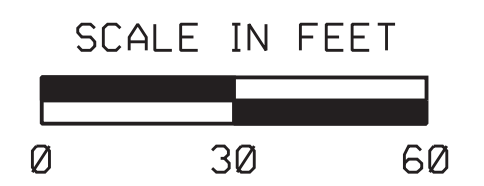
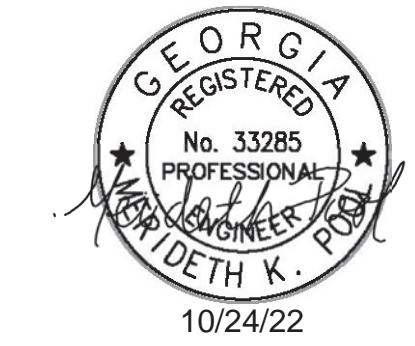
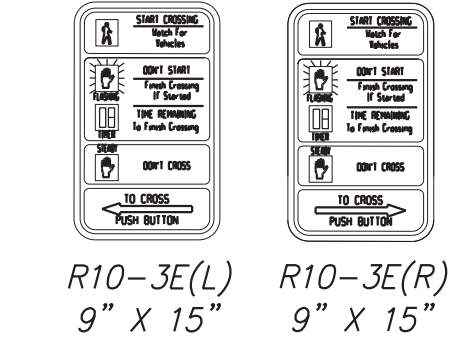
Wrightsboro Rd

D3-1

REGULATORY SIGNS



PEDESTRIAN SIGNS



Scale: 1"=30'  
Job:  
Issue:  
27-0009

SIGNAL PLANS

INSTALLATION NO. 4  
PROPOSED 332 CABINET INPUT ASSIGNMENT



REV	DATE	DESCRIPTION

SUBMITTAL TO CLIENT

DANIEL VILLAGE SHOPPING CENTER (INSTALLATION 4)  
INPUT ASSIGNMENTS / LIST OF MATERIALS / PAY ITEMS

SIGNAL PLANS

Scale: NTS  
Job:  
Issue:  
27-0010

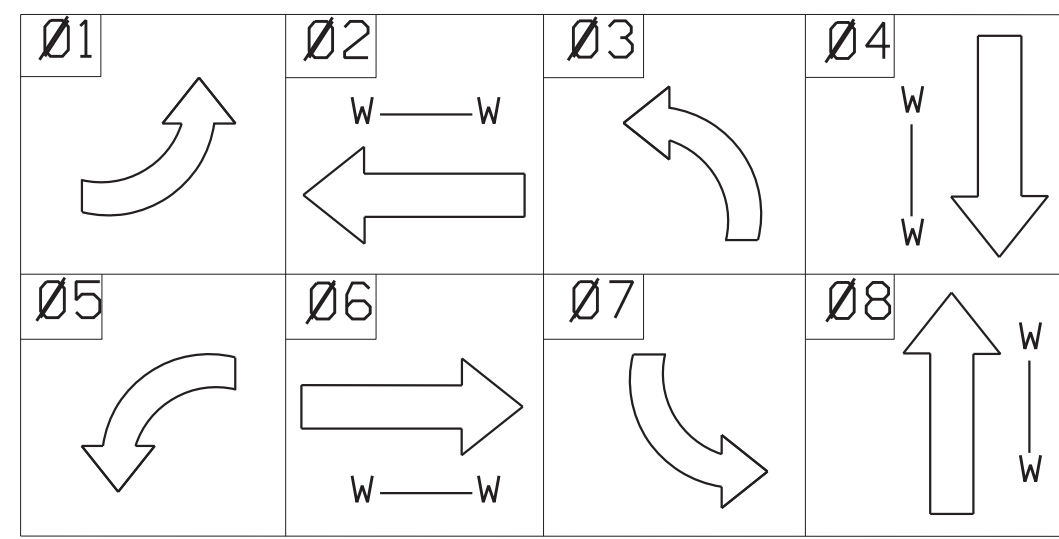
SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
UPPER INPUT FILE															
CHANNEL 1	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL
	C1 PIN	56	39	63	47	58	41	65	49	60		80	67	68	81
CHANNEL 2	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL
	C1 PIN	56	43	76	47	58	45	78	49	62		53	69	70	82
CHANNEL 1	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL
	C1 PIN	55	40	64	48	57	42	66	50	59		54	71	72	51
CHANNEL 2	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL
	C1 PIN	55	44	77	48	57	46	79	50	61		75	73	74	52

TRAFFIC SIGNAL INSTALLATION NO. 4		
WRIGHTSBORO ROAD @ DANIEL VILLAGE SHOPPING CENTER		
DESCRIPTION	UNIT	QUANTITY
LIST OF MATERIALS		
CABINET CONTROLLER ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070LX	EA	1
E. CABINET ASSEMBLY, MODEL CL4D QUAD 332	EA	1
F. SWITCH PACK (LOAD SWITCH)	EA	8
G. DC ISOLATOR	EA	3
K. 2010 SIGNAL MONITOR, TYPE B (ETHERNET)	EA	1
M. AUXILIARY OUTPUT FILE	EA	1
PREFABRICATED WORK PAD	EA	2
CL40 PREFABRICATED CONTROLLER CABINET BASE	EA	1
PC642-200 (OR EQUIVALENT), SURGE PROTECTOR	EA	1
GRIDSART G2 PROCESSOR	EA	1
GRIDSART BELL CAMERA VDS	EA	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT), 3 PAIR 18 AWG	REEL	2
SIGNAL CABLE (14AWG), 7 CONDUCTOR, PER 1000 FT	REEL	1
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (STANDARD 3 STACK CONFIG)	EA	6
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (BIMODEL CONFIG)	EA	1
1-SECTION, 16"x18" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, FULL HAND/MAN OVERLAP (9" HIGH NUMBERS & 12" SYMBOLS), BLACK	EA	6
PEDESTRIAN PUSH BUTTON STATIONS, W/ BUTTONS AND SIGNS (ADA COMPLIANT BDPM3-X, PIEZO ELECTRIC): 9" X 15", R10-3E, (L)LEFT OR (R)RIGHT, COUNTDOWN, BLACK		
1. 9"x15", R10-3EL, COUNTDOWN	EA	3
2. 9"x15", R10-3ER, COUNTDOWN	EA	3
PEDESTRIAN PUSHBUTTON STATION ADAPTERS (ONLY)		
1. 9"x15", DOUBLE PUSHBUTTON STATION ADAPTER FOR 4" DIA PEDESTRIAN POLE, ADJUSTABLE, BLACK	EA	1
BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD, ABS PLASTIC, BLACK w/ RETROREFLECTIVE STRIP	EA	7
HARDWARE FOR MAST ARM MOUNTING	EA	7
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, TWO-WAY BRACKET ASSEMBLY (BLACK)	EA	1
PEDESTAL POLE & SQUARE BASE (BLACK)	EA	1
PULL BOX, PB-2	EA	1
PULL BOX, PB-3	EA	3
PULL BOX, PB-4	EA	1
CONDUIT, 1"	LF	20
CONDUIT, 2"	LF	50
CONDUIT, RIGID, 2"	LF	50
R10-5A, LEFT TURN ON FLASHING YELLOW ARROW SIGN	EA	2
MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATION	LUMP	LUMP

PAY ITEMS FOR TRAFFIC SIGNAL INSTALLATION NO. 4		
DESCRIPTION	UNIT	QUANTITY
DIRECTIONAL BORE PIPE - 5 IN.	LF	273
CONDUIT, NONMETAL, TP 2, 2 IN	LF	1110
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ SINGLE 35' MAST ARM (BLACK)	EA	1
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ SINGLE 45' MAST ARM (BLACK)	EA	1
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ SINGLE 55' MAST ARM (BLACK)	EA	1
TRAFFIC SIGNAL INSTALLATION NO.4	LS	1
ELECTRICAL POWER SERVICE ASSEMBLY (AERIAL SERVICE POINT)	EA	1
INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A	EA	1
OUTPUT EXPANSION MODULE, TYPE A	EA	1
CCTV SYSTEM, TYPE H	EA	1
INTERNALLY ILLUMINATED STREET SIGN DOUBLE SIDED	EA	1
INTERNALLY ILLUMINATED STREET SIGN CONTROL ASSEMBLY	EA	1
MISC. MATL. TO COMPLETE INSTALLATION	LUMP	LUMP

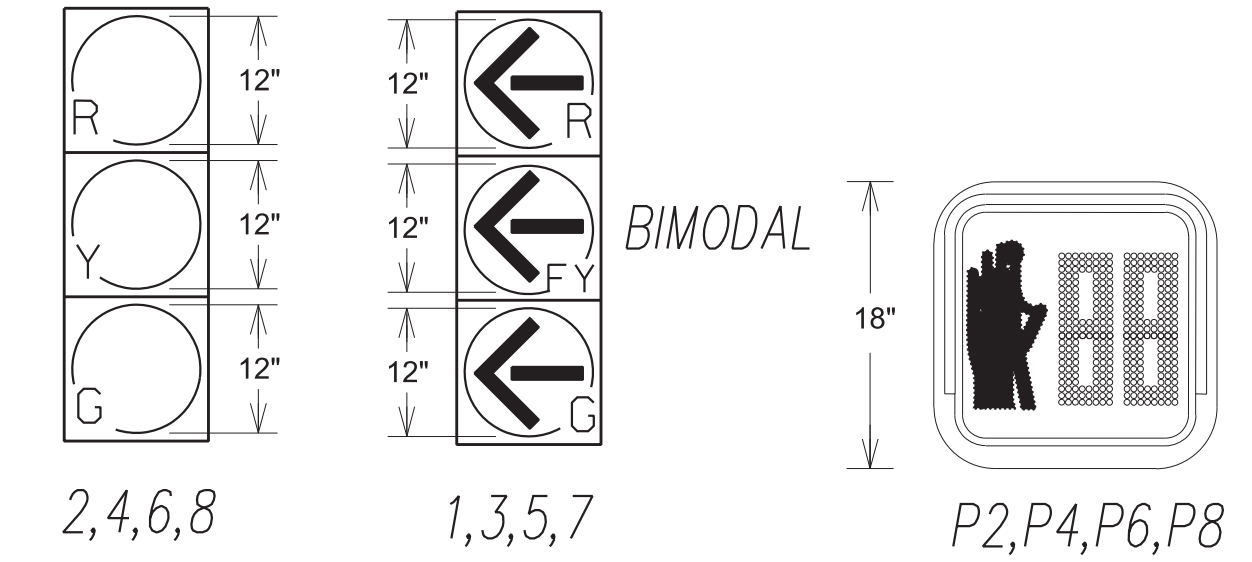


PHASING DIAGRAM



- NOTES:
- CONTRACTOR TO DETERMINE SIGNAL POLE ATTACHMENT HEIGHT PRIOR TO MANUFACTURING OF SIGNAL POLES.
  - DETECTION ZONES ARE APPROXIMATE. SIGNAL CONTRACTOR SHALL COORDINATE WITH AUGUSTA TRAFFIC ENGINEERING DEPARTMENT TO SET UP DETECTION ZONES TO PROVIDE OPTIMUM INTERSECTION DETECTION.
  - CONTRACTOR SHALL CONFORM TO ALL APPLICABLE GDOT AND CITY OF AUGUSTA STANDARDS AND SPECIFICATIONS FOR CONSTRUCTION (WITH EXCEPTIONS AS DIRECTED BY THESE PLANS OR CITY OF AUGUSTA).
  - CONTRACTOR SHALL RETURN ALL EXISTING TRAFFIC SIGNAL EQUIPMENT TO THE CITY OF AUGUSTA TRAFFIC ENGINEERING DEPARTMENT.
  - ALL MAST ARM POLES, ARMS, AND BASES SHALL BE EPOXY PAINTED BLACK.
  - ALL VEHICULAR AND PEDESTRIAN SIGNALS SHALL HAVE BLACK FACES AND BLACK BACKS. ALL SIGNAL HARDWARE SHALL BE BLACK.
  - D3-1 SIGNS (STREET NAME SIGNS) SHALL BE INTERNALLY ILLUMINATED TO MATCH SOUTHERN MANUFACTURING SPECIFICATIONS.
  - CONTRACTOR SHALL VACUUM BORE FOUNDATIONS FOR MAST ARM POLES DUE TO PROXIMITY OF UTILITIES.

LED TRAFFIC SIGNAL HEADS W/TP 1x REFLECTION TAPE ON BACK PLATES  
LED PEDESTRIAN SIGNAL HEADS



REV	DATE	DESCRIPTION
10/20/22	10/20/22	SUBMITAL TO COUNTY

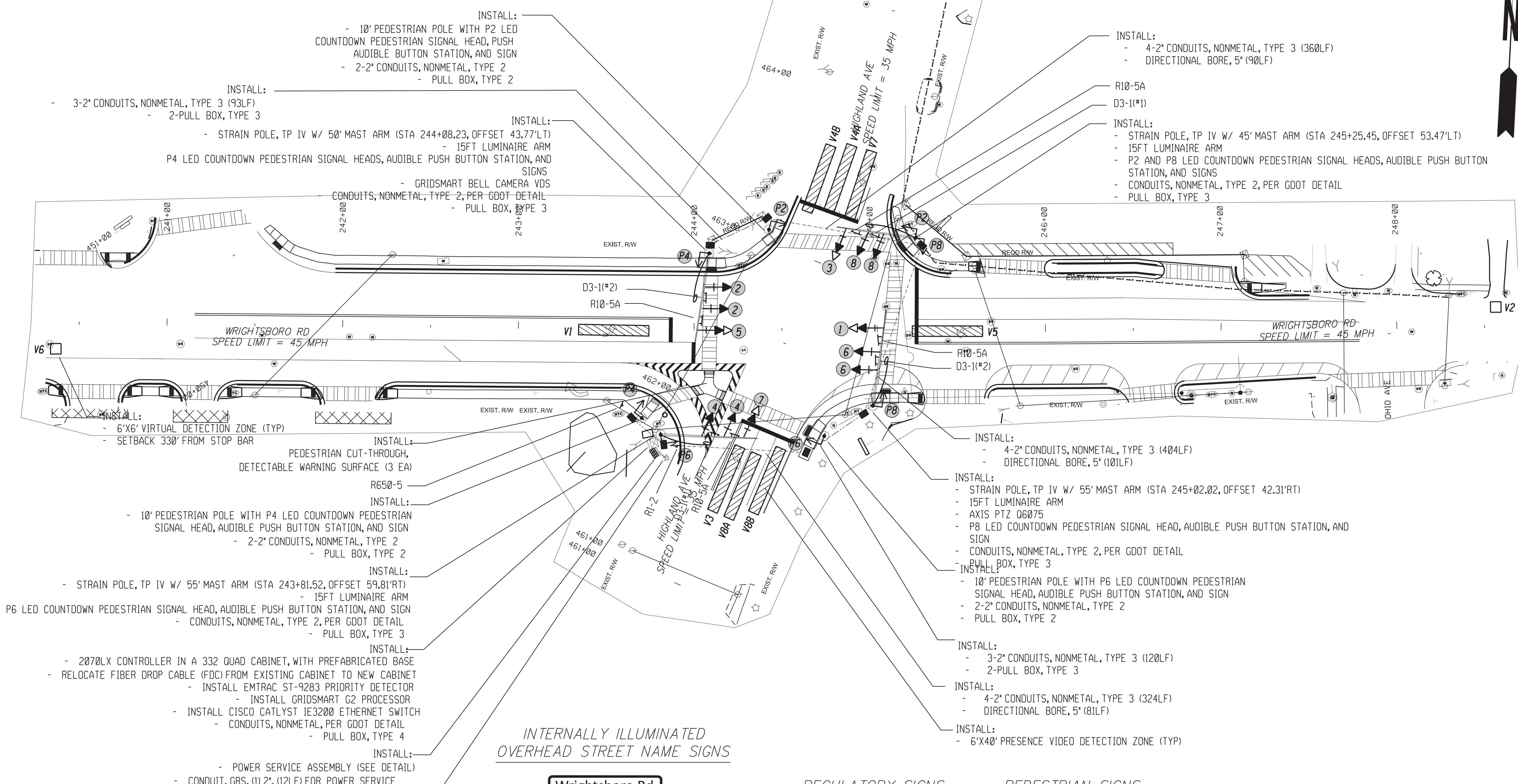
WRIGHTSBORO RD @ HIGHLAND AVE  
(INSTALLATION 5)

WRIGHTSBORO RD @ HIGHLAND AVE  
(INSTALLATION 5)

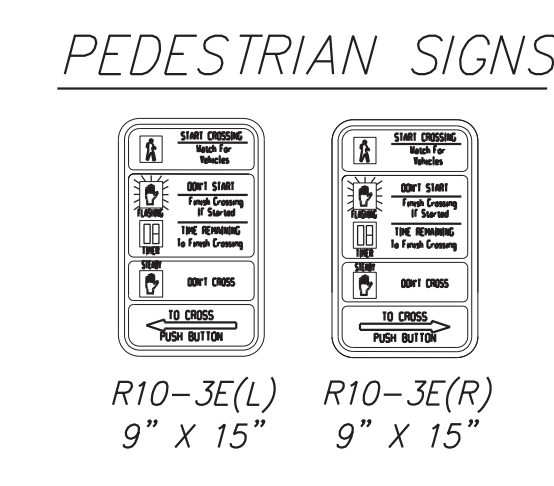
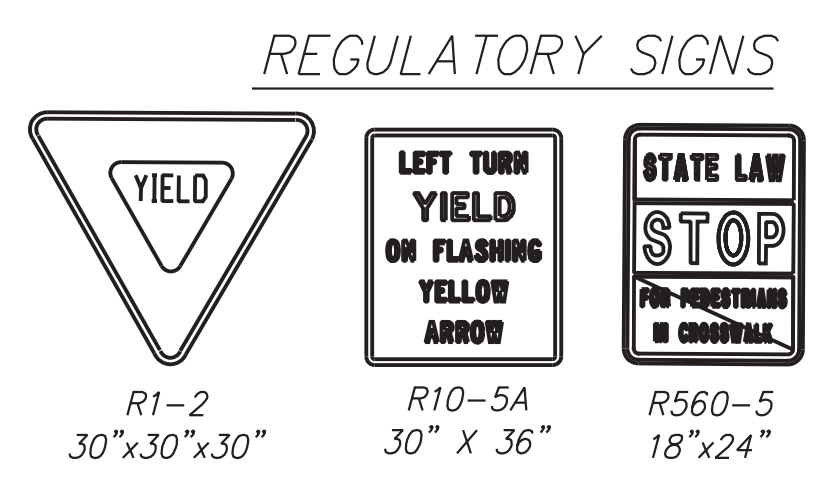
WRIGHTSBORO RD @ HIGHLAND AVE  
(INSTALLATION 5)

SIGNAL PLANS

Scale: 1"=30'  
Job:  
Issue:  
27-0011



INTERNALLY ILLUMINATED OVERHEAD STREET NAME SIGNS



**GEORGIA811**  
Utilities Protection Center, Inc.  
Scale: 1"=30'  
Job:  
Issue:  
27-0011

INSTALLATION NO. 5  
PROPOSED 332 CABINET INPUT ASSIGNMENT

SLOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14
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UPPER INPUT FILE

	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
CHANNEL 1	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL
	C1 PIN	56	39	63	47	58	41	65	49	60			80	67	68
	FUNCTION	PH 1	PH 2			PH 3	PH 4					INT ADV	PH 2 PED	PH 6 PED	FLASH
CHANNEL 2	C1 PIN	56	43	76	47	58	45	78	49	62			69	70	82
	FUNCTION		PH 2				PH 4					MCE	PH 4 PED		STOP TIME
CHANNEL 1	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-6 1,2	TB-6 5,6	TB-6 9,10		NC	TB-8 4,6	TB-8 7,9	NC
	CHANNEL 2	FIELD TERM	TB-2 3,4	TB-2 7,8	TB-2 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-6 3,4	TB-6 7,8	TB-6 11,12		NC	TB-8 5,6	TB-8 8,9

LOWER INPUT FILE

	TYPE	DET	DET	DET	DET	DET	DET	DET	DET	DET	TBA	TBA	DC	DC	DC
CHANNEL 1	CARD	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL	2 CHANNEL
	C1 PIN	55	40	64	48	57	42	66	50	59			71	72	51
	FUNCTION	PH 5	PH 6										EVA	EVB	R/R
CHANNEL 2	C1 PIN	55	44	77	48	57	46	79	50	61			73	74	52
	FUNCTION		PH 6										EVC	EVD	
CHANNEL 1	FIELD TERM	TB-2 1,2	TB-2 5,6	TB-2 9,10	TB-4 1,2	TB-4 5,6	TB-4 9,10	TB-6 1,2	TB-6 5,6	TB-6 9,10		NC	TB-9 4,6	TB-9 7,9	NC
	CHANNEL 2	FIELD TERM	TB-2 3,4	TB-2 7,8	TB-2 11,12	TB-4 3,4	TB-4 7,8	TB-4 11,12	TB-6 3,4	TB-6 7,8	TB-6 11,12		NC	TB-9 5,6	TB-9 8,9

TRAFFIC SIGNAL INSTALLATION NO. 5		
WRIGHTSBORO ROAD @ HIGHLAND AVE		
DESCRIPTION	UNIT	QUANTITY
LIST OF MATERIALS		
CABINET CONTROLLER ASSEMBLIES		
A. CONTROLLER UNIT, MODEL 2070LX	EA	1
E. CABINET ASSEMBLY, MODEL CL4D QUAD 332	EA	1
F. SWITCH PACK (LOAD SWITCH)	EA	16
G. DC ISOLATOR	EA	3
K. 2010 SIGNAL MONITOR, TYPE B (ETHERNET)	EA	1
M. AUXILIARY OUTPUT FILE	EA	1
PREFABRICATED WORK PAD	EA	2
CL40 PREFABRICATED CONTROLLER CABINET BASE	EA	1
PC642-200 (OR EQUIVALENT), SURGE PROTECTOR	EA	1
GRIDSMART G2 PROCESSOR	EA	1
GRIDSMART BELL CAMERA VDS	EA	1
LOOP/PED LEAD-IN WIRE (SHIELDED, TWISTED/1000 FT), 3 PAIR 18 AWG	REEL	2
SIGNAL CABLE (14AWG), 7 CONDUCTOR, PER 1000 FT	REEL	1
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (STANDARD 3 STACK CONFIG)	EA	8
3-SECTION, 12" SIGNAL HEAD LED "INCANDESCENT LOOK", YELLOW HOUSING W/BLACK FRONT, PLASTIC (BIMODEL CONFIG)	EA	4
1-SECTION, 16"x18" LED COUNTDOWN PEDESTRIAN SIGNAL HEAD, FULL HAND/MAN OVERLAP (9" HIGH NUMBERS & 12" SYMBOLS), BLACK	EA	8
PEDESTRIAN PUSH BUTTON STATIONS, W/ BUTTONS AND SIGNS (ADA COMPLIANT BOPM3-X, PIEZO ELECTRIC): 9" X 15", R10-3E, (LEFT OR (RIGHT), COUNTDOWN, BLACK		
1. 9"x15", R10-3EL, COUNTDOWN	EA	4
2. 9"x15", R10-3ER, COUNTDOWN	EA	4
PEDESTRIAN PUSHBUTTON STATION ADAPTERS (ONLY)		
1. 9"x15", DOUBLE PUSHBUTTON STATION ADAPTER FOR 4" DIA PEDESTRIAN POLE, ADJUSTABLE, BLACK	EA	3
BACK PLATE FOR ONE-WAY, 3-SECTION, 12" SIGNAL HEAD, ABS PLASTIC, BLACK W/ RETROREFLECTIVE STRIP	EA	12
HARDWARE FOR MAST ARM MOUNTING	EA	12
HARDWARE FOR PEDESTAL POLE, TOP POST MOUNTING, ONE-WAY BRACKET ASSEMBLY (BLACK)	EA	3
PEDESTAL POLE & SQUARE BASE (BLACK)	EA	3
PULL BOX, PB-2	EA	3
PULL BOX, PB-3	EA	4
PULL BOX, PB-4	EA	1
CONDUIT, 1"	LF	40
CONDUIT, 2"	LF	60
CONDUIT, RIGID, 2"	LF	60
R10-5A, LEFT TURN ON FLASHING YELLOW ARROW SIGN	EA	4
R560-5 W/ POST	EA	1
R1-2 YIELD SIGN W/ POST	EA	1
MISCELLANEOUS MATERIALS NEEDED TO COMPLETE INSTALLATION	LUMP	LUMP

PAY ITEMS FOR TRAFFIC SIGNAL INSTALLATION NO. 5		
DESCRIPTION	UNIT	QUANTITY
DIRECTIONAL BORE PIPE - 5 IN.	LF	272
CONDUIT, NONMETAL, TP 2, 2 IN	LF	1238
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ SINGLE 45' MAST ARM (BLACK)	EA	1
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ SINGLE 50' MAST ARM (BLACK)	EA	1
STEEL STRAIN POLE, TP IV, INCL 15 FT LUMINAIRE ARM W/ SINGLE 55' MAST ARM (BLACK)	EA	2
TRAFFIC SIGNAL INSTALLATION NO.5	LS	1
ELECTRICAL POWER SERVICE ASSEMBLY (AERIAL SERVICE POINT)	EA	1
INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A	EA	1
OUTPUT EXPANSION MODULE, TYPE A	EA	1
CCTV SYSTEM, TYPE H	EA	1
INTERNALLY ILLUMINATED STREET SIGN DOUBLE SIDED	EA	4
INTERNALLY ILLUMINATED STREET SIGN CONTROL ASSEMBLY	EA	4
MISC. MATL. TO COMPLETE INSTALLATION	LUMP	



REV	DATE	DESCRIPTION	SUBMITAL TO CDR
	10/24/22		

HIGHLAND AVE (INSTALLATION 5)  
INPUT ASSIGNMENTS / LIST OF MATERIALS / PAY ITEMS

SIGNAL PLANS



Scale: NTS  
Job:  
Issue:  
27-0012

GENERAL NOTES FOR OVERHEAD STREET NAME SIGNS MOUNTED ON MAST ARM

1. INTERNALLY LIT LED OVERHEAD STREET SIGNS SHALL ALL BE SUPPLIED BY SOUTHERN MANUFACTURING TO MATCH EXISTING SLIM LINE STYLE AND SPECIFICATIONS CURRENTLY IN USE IN AUGUSTA.
2. ALL LETTERS TO BE 12" U.C. & L.C. SERIES "D". ALL ARROWS TO BE 9" TALL & 12" LONG. BORDER SHALL BE 1/2". RADIUS SHALL BE 1 1/2". CONTRACTOR TO COORDINATE DIRECTLY WITH SIGN MANUFACTURER TO ENSURE SIGN SIZE REQUIREMENTS ARE MET.
3. EACH STREET NAME SIGN SHALL BE DOUBLE-FACED LED INTERNALLY ILLUMINATED.
4. SIGN LEGEND SHALL BE 8" UPPER CASE AND 6" LOWER CASE SERIES "D" LETTERS. SIGN LEGEND WILL BE WHITE ON GREEN BACKGROUND.
5. EACH STREET NAME SIGN SHALL CONTAIN A MINIMUM OF TWO (2) HANGERS OR BRACKETS.
6. OVERHEAD STREET NAME SIGNS SHALL NOT BLOCK VIEW OF SIGNAL HEADS FROM APPROACHING TRAFFIC.
7. ALL SIGNS SHALL BE CONTROLLED BY A SINGLE PHOTO CELL, MOUNTED ON MAST ARM.

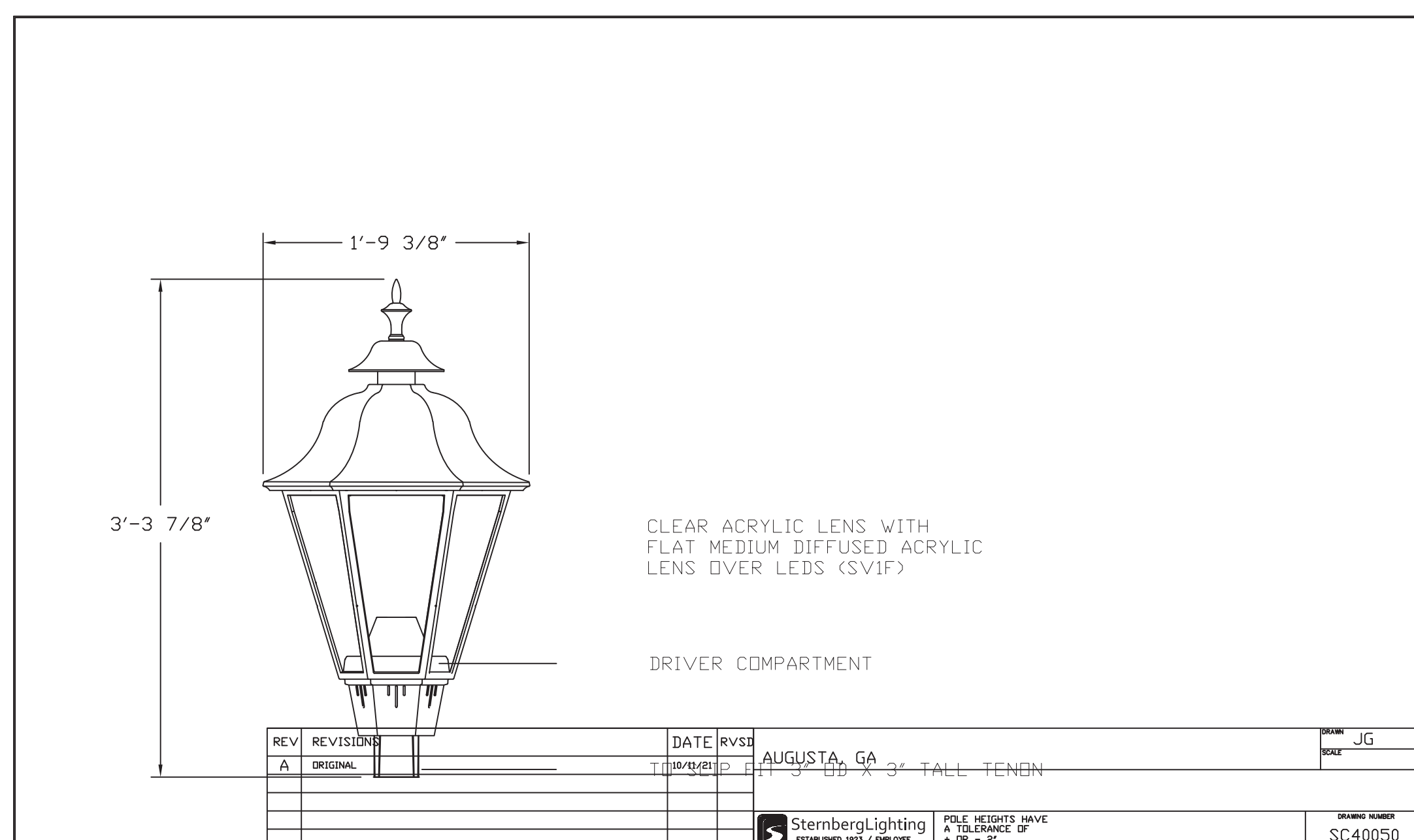
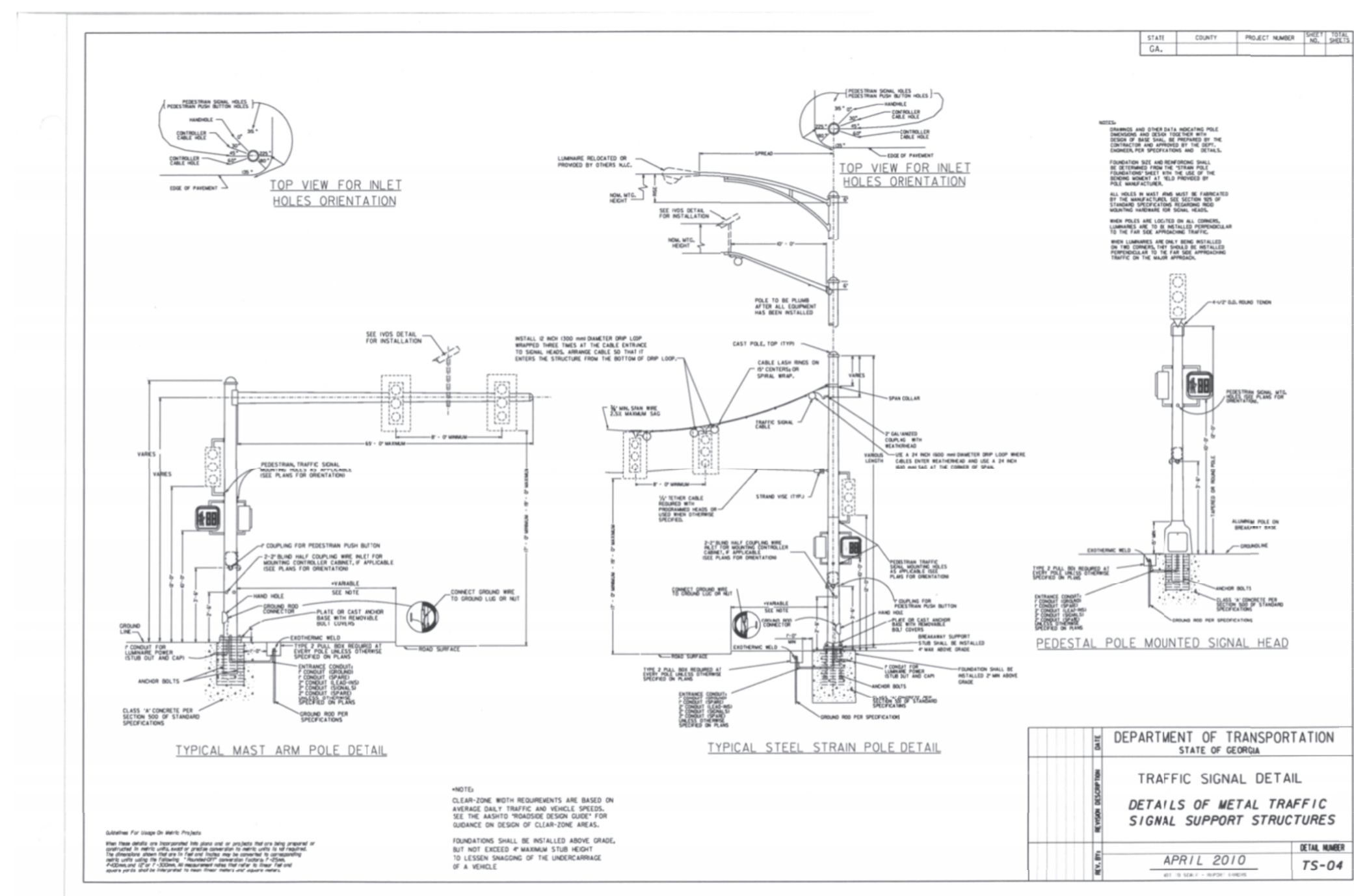
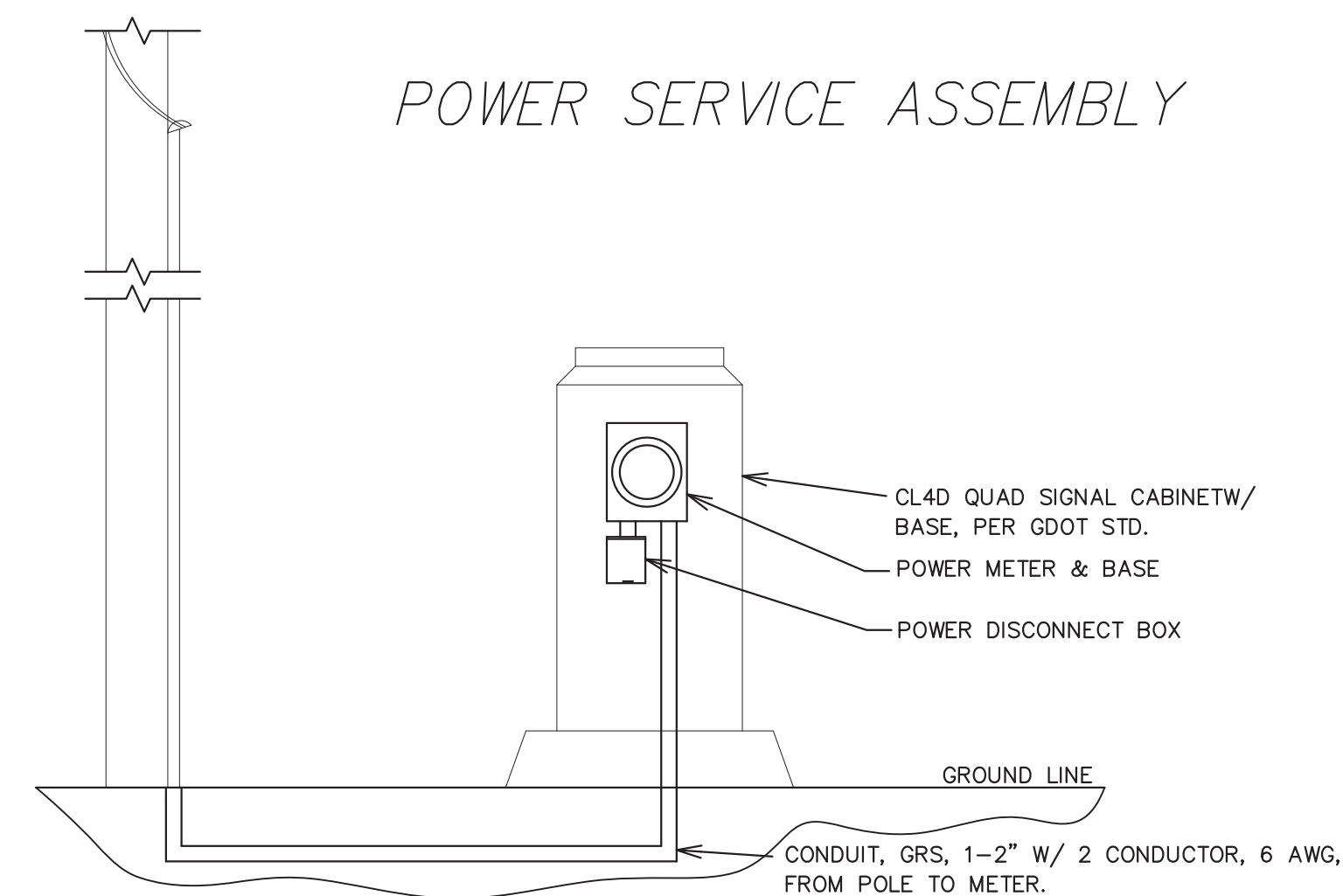
POWER SERVICE ASSEMBLY NOTES

1. POWER SERVICE ASSEMBLY & METER SHALL BE 20 IN COMMERCIAL PEDESTAL, SLIM LINE 63 IN TALL EXPOSED AND INCLUDE A PEDESTAL MOUNTED DISCONNECT AND METER BASE.
2. CONTRACTOR SHALL INSTALL A POWER SERVICE ASSEMBLY FROM THE EXISTING POWER POLE TO THE METER BASE AND ON TO TRAFFIC SIGNAL CABINET.
3. THE METER BASE WILL BE SUPPLIED BY GEORGIA POWER. IT WILL BE 200 AMP COMMERCIAL TYPE A MANUAL BY-PASS SWITCH.
4. THE DISCONNECT NEEDS TO BE A 60 AMP NONFUSALBE OUTDOOR TYPE. THE DISCONNECT WILL NEED TO BE A LOCKABLE TYPE, IF LOCKS AND KEYS ARE NEEDED.
5. QUESTIONS ABOUT THE DISCONNECT/METER POLICY CONTACT AUGUSTA TRAFFIC ENGINEERING AND THE LOCAL GEORGIA POWER OFFICE.

ROADWAY LIGHTING NOTES

1. COORDINATE AIMING OF FIXTURE WITH MANUFACTURER.
2. COORDINATE SWITCHING WITH OWNER.
3. WIRE USING MINIMUM 2#12AWG #12AWG GND 3/4" C AND 20A BREAKER.
4. PROVIDE FOR A COMPLETE INSTALLATION.

POWER SERVICE ASSEMBLY



**6130\_LED HERITAGE SERIES** LED

EPA 2.32 (W) WEIGHT 53 LBS | 7 YEAR WARRANTY | LUMEN RANGE 2,665 to 14,340 | LUMEN MAINTENANCE 1% UP TO 100,000 HOURS | UL LISTED | CLICK FOR FACTS

**ORDERING EXAMPLE: 2A-6130CLED-24L40T5-MDHO14-CSA-PEC-FHD/480PM/3610FP4/BKT**

Mounting Config	Fixture	LED	CCT	Type	Driver	Lens	Option Control Receptacle	Option Control	Option Fuse	Option Hangstright	Option House Side Shield	Option Chimney	Option Flat Lens	Arm	Post	Finish
1W	2A9D	4A	5H44	PT	2APT	4APT	CHA	1A	3A	1AM	CAT	1APT	3A9D	2AM	3APT	45OPB

**Mounting Configuration**  
Click here to link to mounting configuration specification page

- 1W - 2A9D - 4A - 5H44
- PT - 2APT - 4APT - CHA
- 1A - 3A - 1AM - CAT
- 1APT - 3A9D - 2AM
- 2A - 3APT - 45OPB

**W - Wall Mount; PT - Post Top; A - Arm Mount; AM - Arm; MD - Mid Mount; 1B - Flat Base; SH - Storm Hung; CH - Chain Hung; CAT - Canopy**

Include overall drop length in inches after designation for SternChain applications (C184-48)

**Fixture**

- 6130ALED - 6130CLED
- 6130ALEDH - 6130CLEDH

(H - Hanging style fixture)

**LED**

- 12L - 16L - 24L - 32L

**CCT - Color Temperature (K)**

- 27(00) - 30(00) - 35(00)
- 40(00) - 50(00)

**Type**

- T2 - T3 - T4 - T5

**Driver**

- MDLO8 (120V-277V, 180mA)
- MDHO8 (247V-480V, 180mA)
- MDLO16 (120V-277V, 160mA)
- MDHO16 (247V-480V, 160mA)
- MDLO14 (120V-277V, 140mA)
- MDHO14 (247V-480V, 140mA)
- MDLO8 (120V-277V, 80mA)
- MDHO8 (247V-480V, 80mA)

2AL systems only  
2AL and 1L systems only  
2AL and 1L systems only  
1L systems only

**Lens** (click here to link to lens specification page)

- CSA (Clear Seeded Acrylic)
- CTA (Clear Textured Acrylic)
- FA (Fismatic Acrylic)
- ATA (Amber Textured Acrylic)
- SV1 (Flat Soft Vue Light Diffused Acrylic)
- SV2 (Flat Soft Vue Moderate Diffused Acrylic)

**SV4 (Flat Soft Vue Maximum Diffused Acrylic)**

**Options** (click here to view accessories sheet)

- R7 7-Pin control receptacle only
- PE Twist Lock Photocontrol (120V-277V)
- PE4 Twist Lock Photocontrol (247V-480V)
- SC Shorting Cap
- PEC Electronic Button Photocontrol (120V-277V)
- PEC4 Electronic Button Photocontrol (480V)
- FHD Double Fuse and Holder
- EZ Vertical Hangstraight, Large, "EZ" Mount
- HSS120 Internal House Side Shield
- HSS60 60" House Side Shield Panel
- HSS180 180" House Side Shield Panel
- BLOC Back Light Optical Control
- PHC Frosted Hurricane Chimney
- SVIF Light diffused internal flat lens
- SVZF Moderate diffused internal flat lens

Requires control receptacle  
Single boxes for installation in bins

**Arm** (click here to link to arm specification page)  
See Arms & Wall Brackets specification sheets.

- 478 - 62C - 579 - TASCRC - BA
- 480 - 6236 - TA - 779

**Pole** (click here to link to pole specification page)  
See Pole specification sheets.

**Finish**

**Standard Finishes\***

- BKT Black Textured
- WHT White Textured
- PCT Paris Green Textured
- ABZ Architectural Medium Bronze Textured
- DBT Dark Bronze Textured

\*Smooth finishes are available upon request.

**Custom Finishes\***

- CM Custom Match
- CI Cold Iron
- RT Rust
- WBR Weathered Brown
- CD Cedar
- WBC Weathered Black
- TT Two Tone

\*Custom colors require upcharge.

**Sternberg Select Finishes**

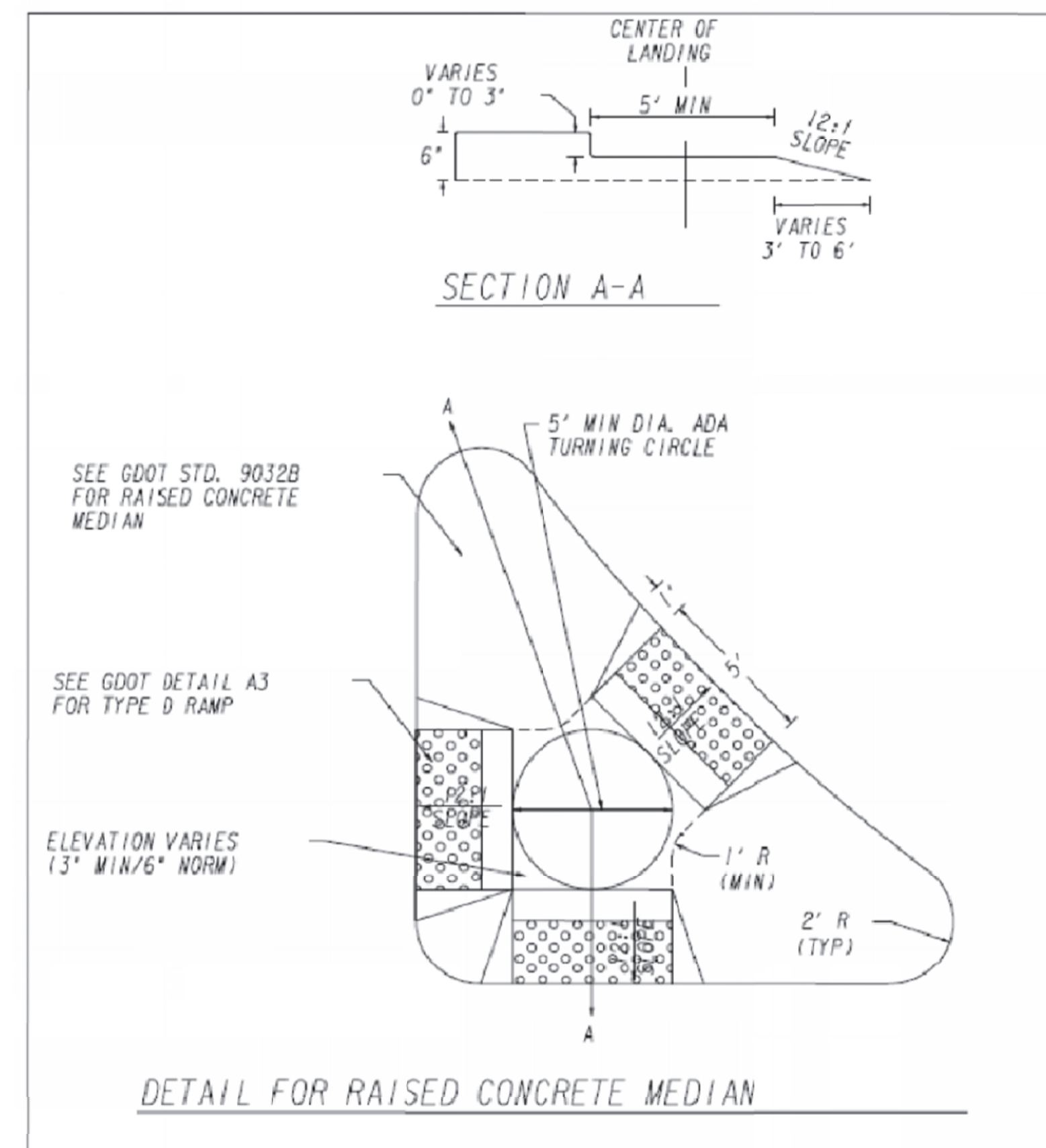
- VC Verde Green
- SI Swedish Iron
- DWGT Old World Gray Textured

**Specifications**

**Fixture**  
The Heritage Series is a modern replica of an elegantly styled fixture featuring a tapered six sided cage. The luminaire has a cast aluminum hinged roof for easy inside access and is appointed with a cast aluminum decorative finial. The luminaire measures 21-1/4" wide by 40" tall (6130CLED) or 40-1/2" tall (6130ALED). The luminaire shall be UL listed in the US and Canada.

**Filter**  
The filter or base shall be heavy wall cast aluminum, alloy for high tensile strength. The filter shall have an inside diameter opening to accept a 2" OD x 3" tall pole or tenon.

**LEDs**  
The luminaire shall use high output, high brightness LEDs. The LEDs are mounted to maximize thermal transfer to the heat sink surface. The LEDs shall be 100% recyclable, not contain lead, mercury or any other hazardous substances and shall be RoHS compliant. Lumen maintenance shall be determined in accordance with IESNA TM-21, based on LED manufacturer LM-B0 test data of no less than 60,000 hours and in-situ testing of the luminaire by an NVLAP accredited Energy Efficient Lighting Products Lab. The high-performance white LEDs will have a predicted lumen depreciation of approximately 100,000 hours with greater than 70% of initial output at 25°C. The high-brightness, high-output white LEDs shall be 4000K nominal (2700K, 3000K, 3500K or 5000K optional) correlated color temperature (CCT) with a 70 (minimum) color rendering index (CRI). Consult factory for custom CCT or CRI. The luminaire shall have a minimum \_\_\_\_\_ (see table) delivered initial lumens \_\_\_\_\_ (see next page)



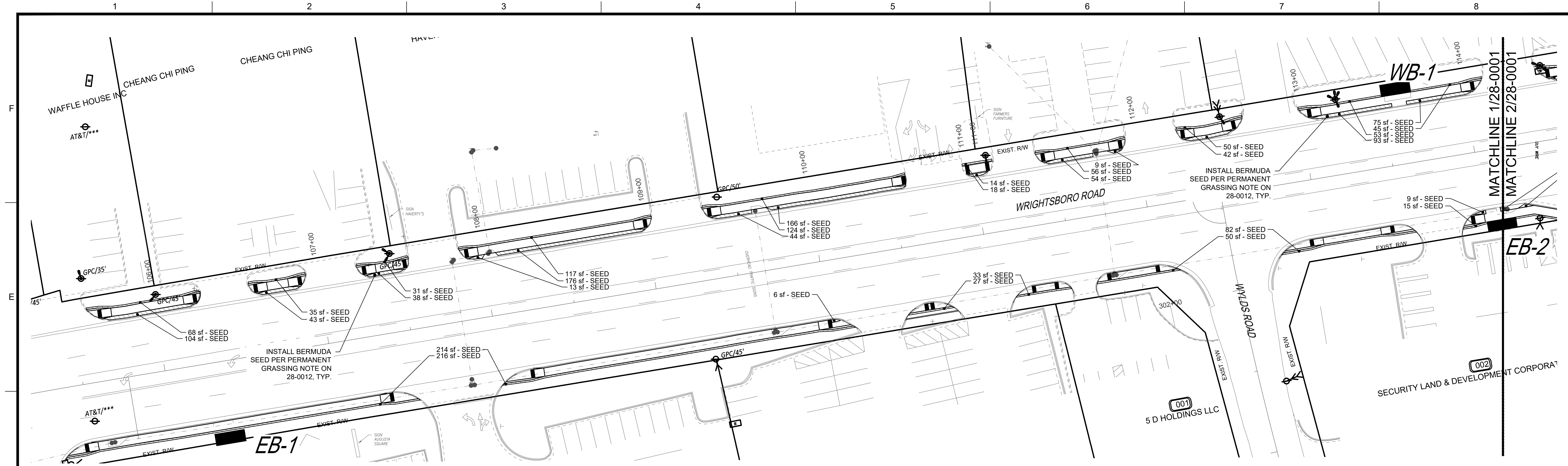
OVERHEAD LED SIGN / POWER SUPPLY / LIGHTING  
CONST DETAILS / LIGHTING

SIGNAL PLANS

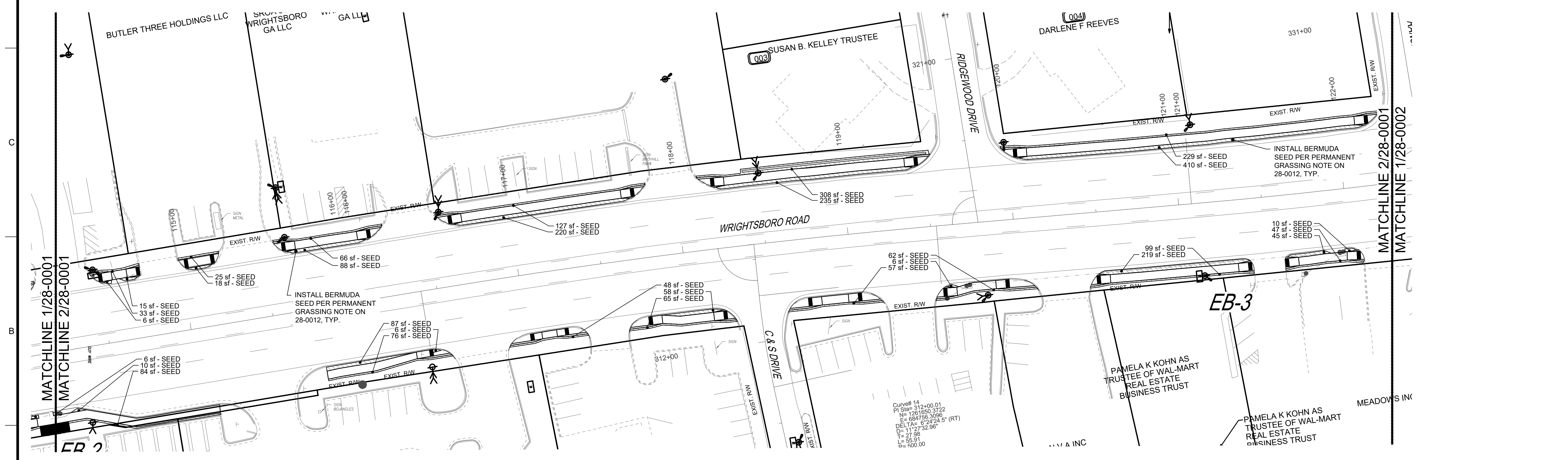
**SternbergLighting**  
ESTABLISHED 1923  
800-621-3376  
555 Lawrence Ave., Roselle, IL 60172  
contactus@sternberglighting.com  
www.sternberglighting.com

GEORGIA REGISTERED PROFESSIONAL ENGINEER  
No. 33285  
KURT DETH K. POOL  
10/24/22

Scale: NTS  
Job:  
Issue:  
27-0013

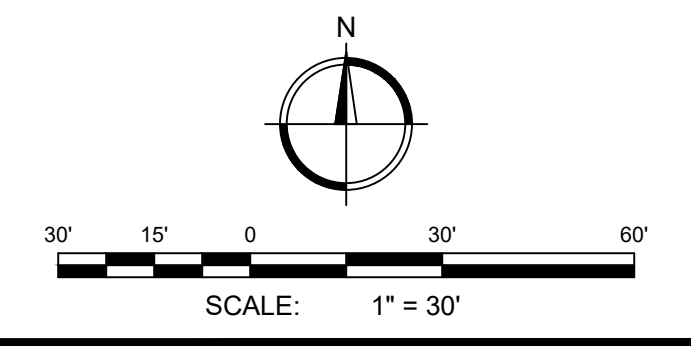


**1 WRIGHTSBORO ROAD LANDSCAPE**  
 28-0001 START OF LANDSCAPE AREAS TO STA. 114+00



**2 WRIGHTSBORO ROAD LANDSCAPE**  
 28-0001 STA. 114+00 TO STA. 122+25

Curve# 14  
 PI Sta= 312+00.01  
 P1 Sta= 126+650.3722  
 N= 684756.3096  
 DELTA= 8.2424.5° (RT)  
 D= 112.734.96  
 L= 27.98  
 E= 55.91  
 P= 500.00



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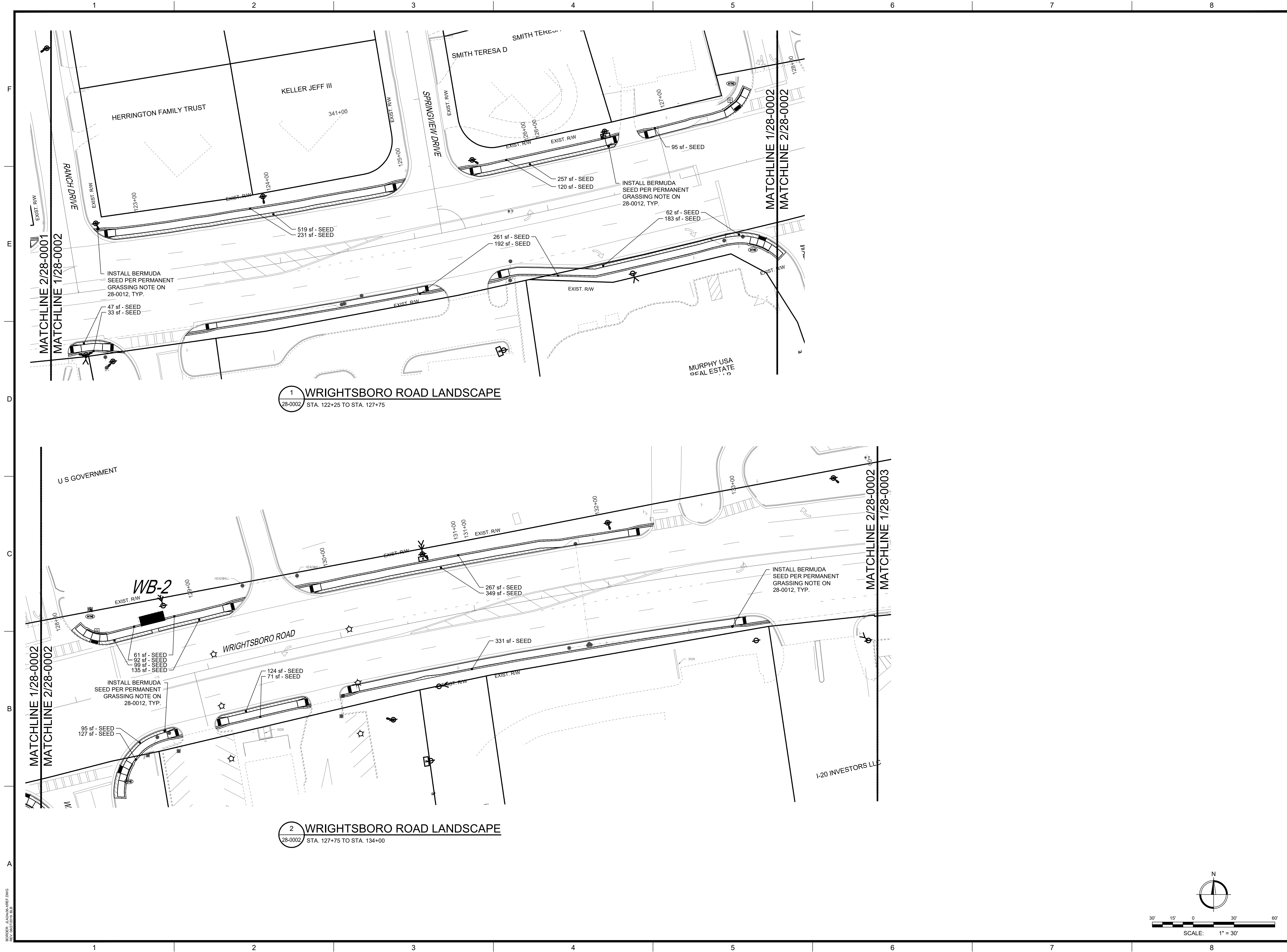
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**WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**  
 PROJECT LOCATION: WRIGHTSBORO ROAD AUGUSTA, GA

REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT  
 No. LA001905  
 PROFESSIONAL EXPIRES 10-19-2026  
 ALEXANDRA WHITNEY REYNOLDS  
 REGISTERED PROFESSIONAL ARCHITECT  
 No. PE000358  
 PROFESSIONAL EXPIRES JUNE 30, 2024  
 JOHNSON, LASCHOB & ASSOCIATES, P.C.  
 PROFESSIONAL EXPIRES JUNE 30, 2024

REV.	DATE	BY	DESCRIPTION
0	10/19/22	RDH	ISSUED FOR BID

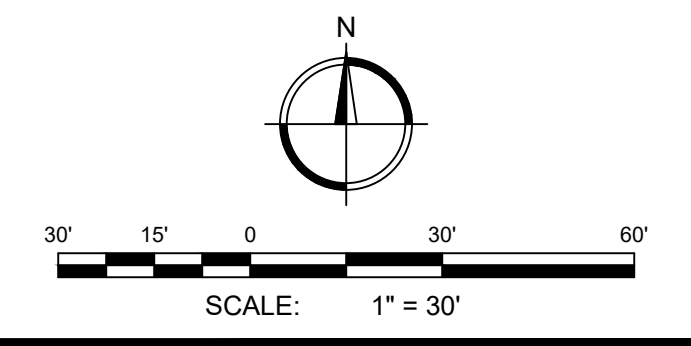
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 CHECKED BY: RDH  
 DATE: 10/19/2022  
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**LANDSCAPE PLAN SHEET 1 OF 10**  
 SCALE: 1" = 30'  
 DRAWING NO. **28-0001** REV. **0**

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28-0002 STA. 122+25 TO STA. 127+75

2 WRIGHTSBORO ROAD LANDSCAPE  
28-0002 STA. 127+75 TO STA. 134+00

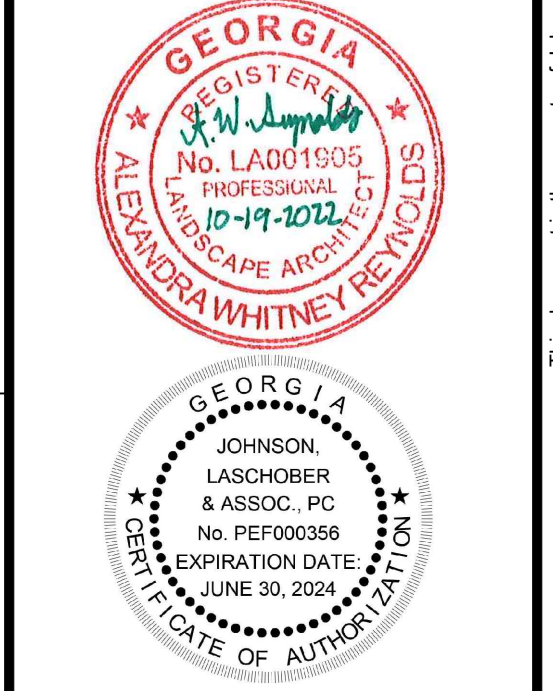


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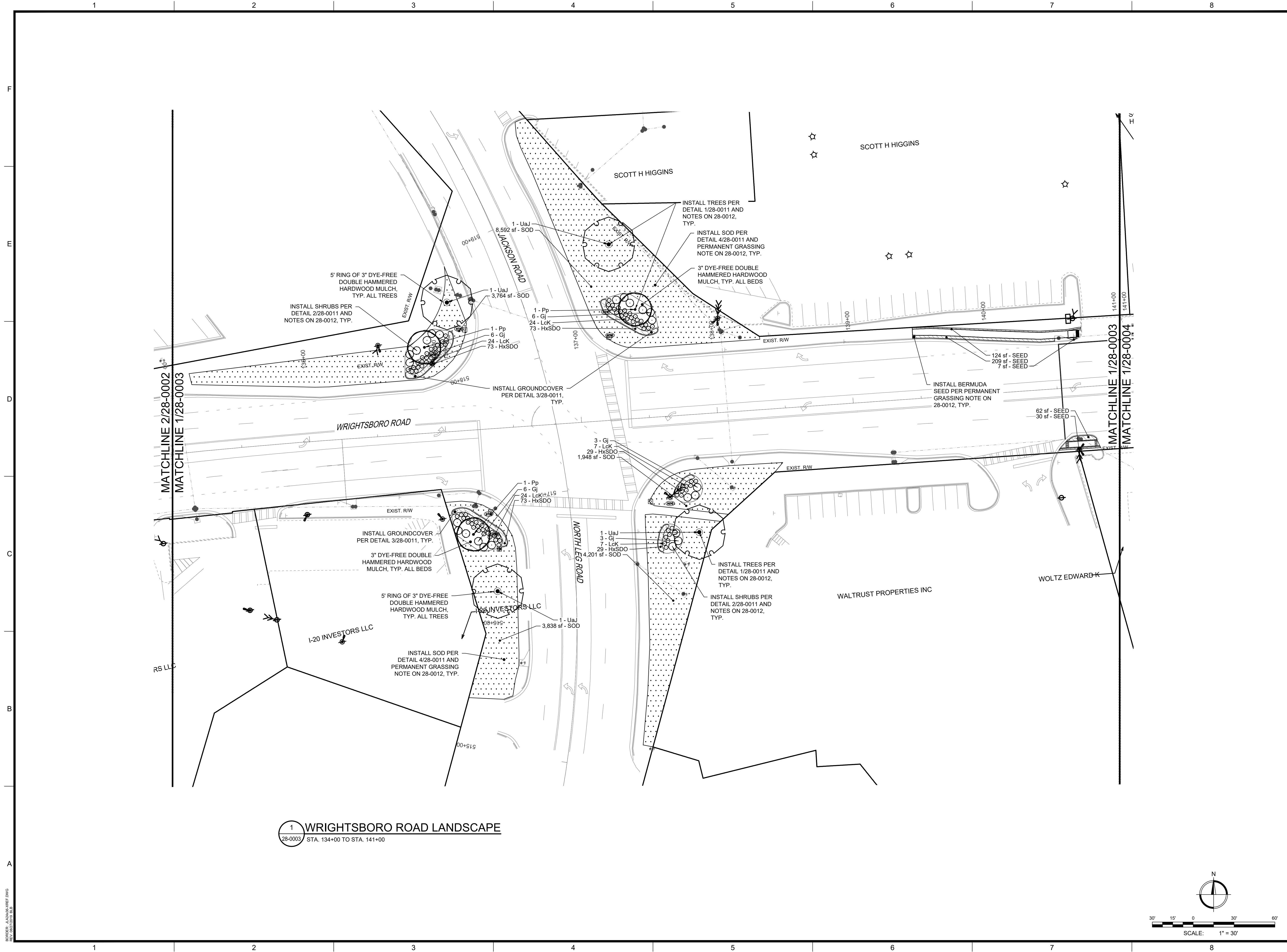
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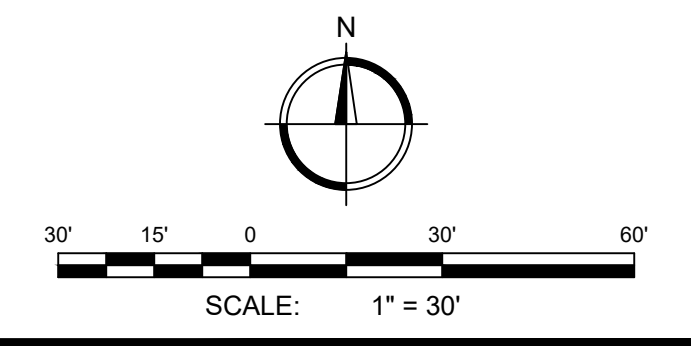
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SHEET 2 OF 10**

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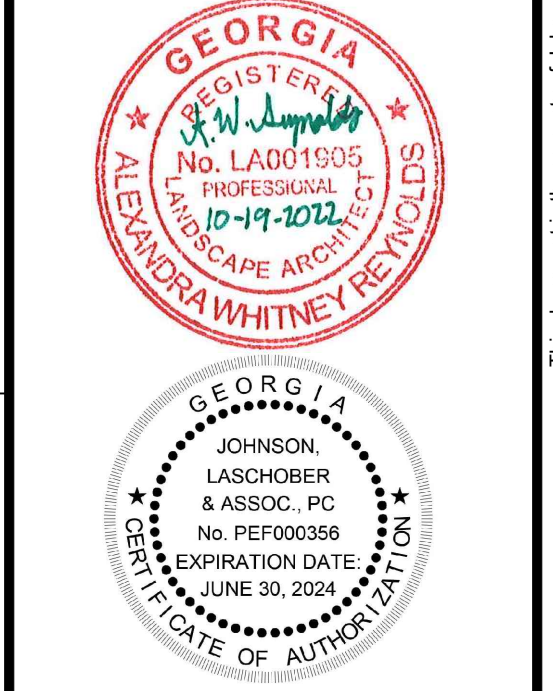


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28-0003 STA. 134+00 TO STA. 141+00



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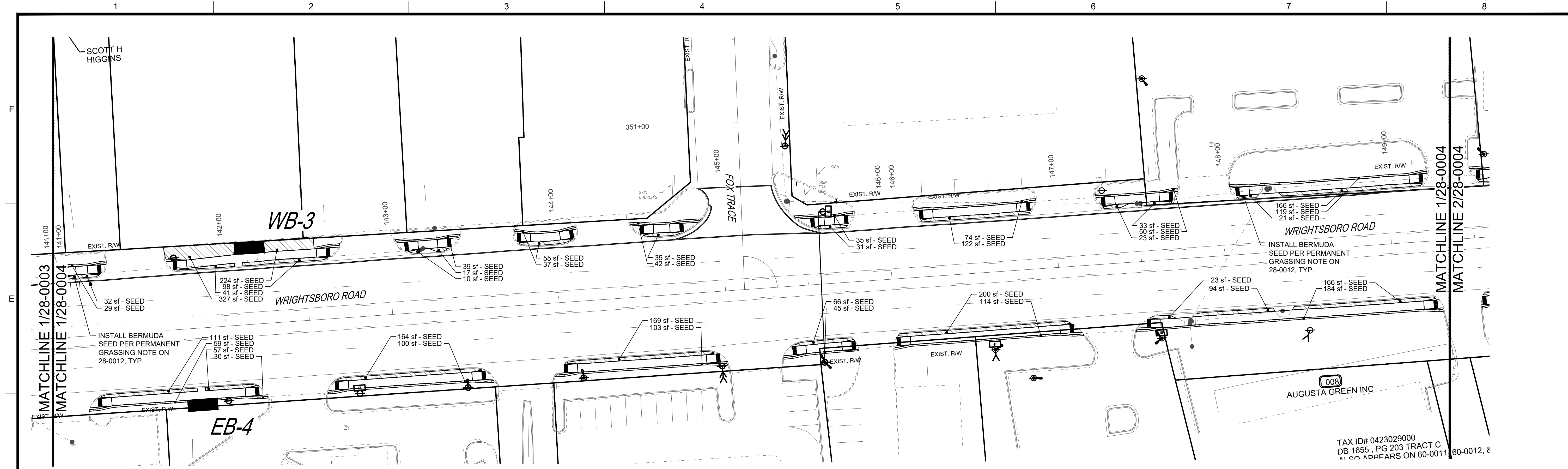
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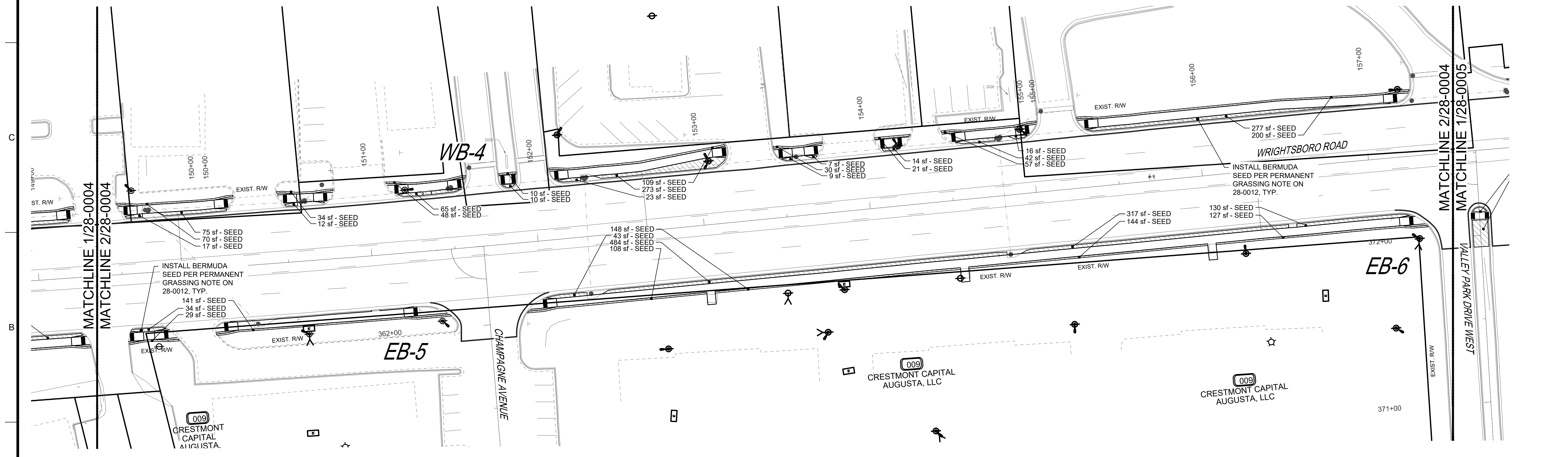
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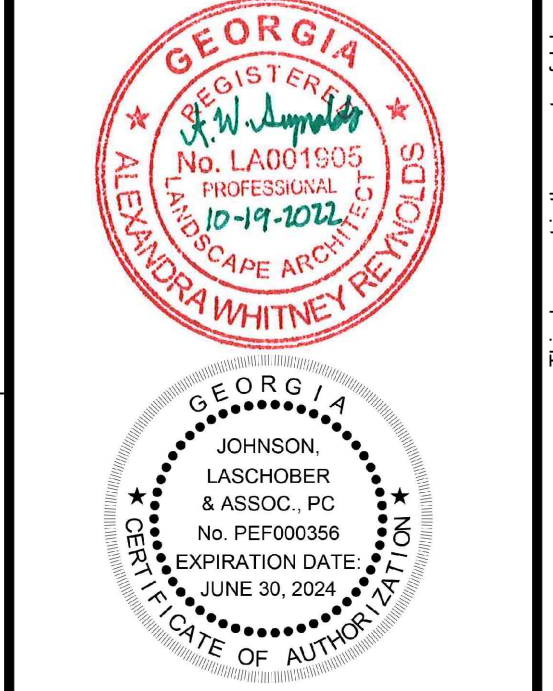


1 WRIGHTSBORO ROAD LANDSCAPE  
28-0004 STA. 141+00 TO STA. 149+00



2 WRIGHTSBORO ROAD LANDSCAPE  
28-0004 STA. 149+00 TO STA. 157+50

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PROJECT LOCATION: WRIGHTSBORO ROAD AUGUSTA, GA

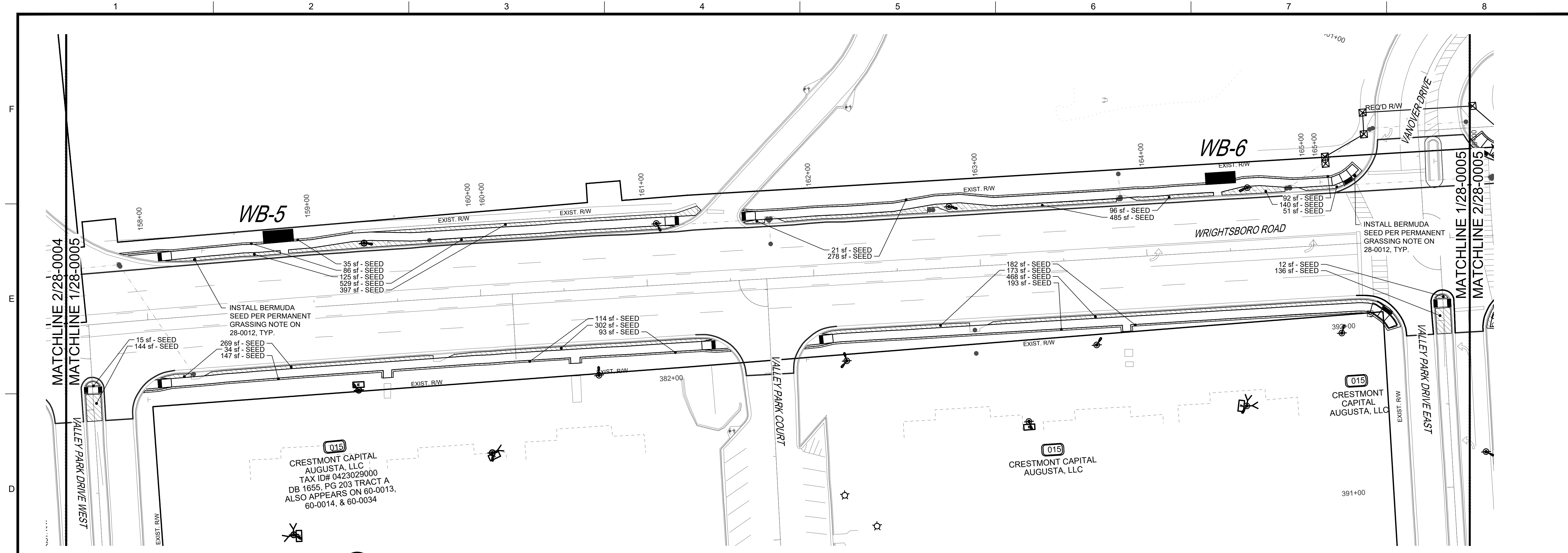


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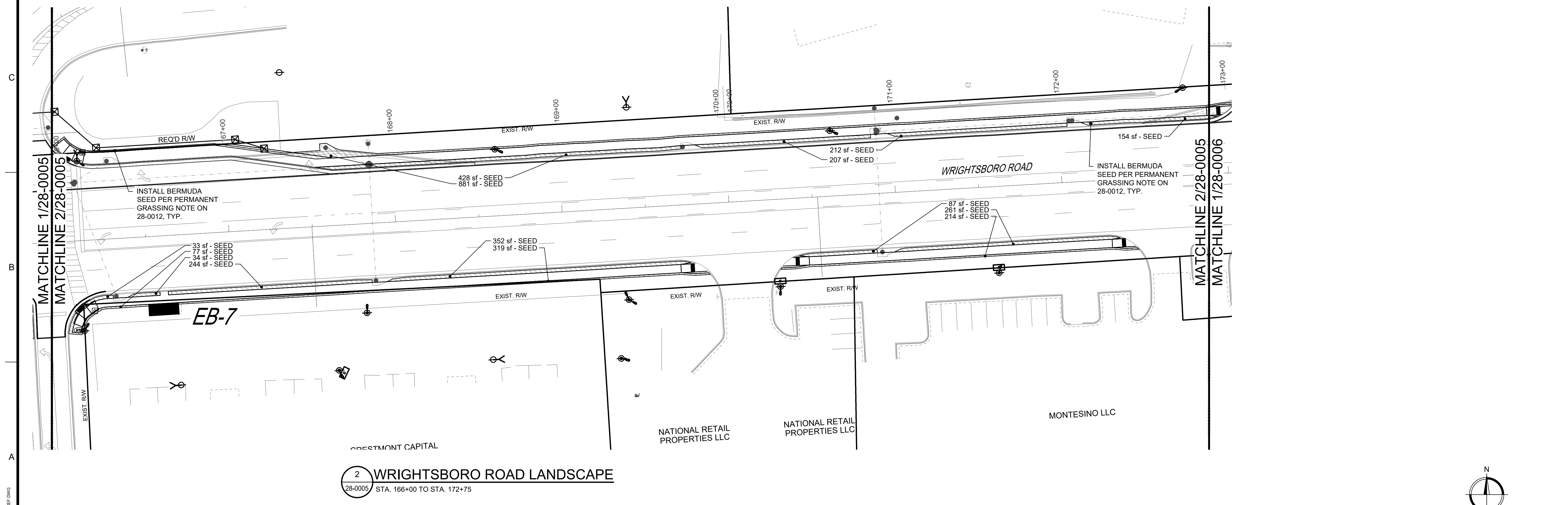
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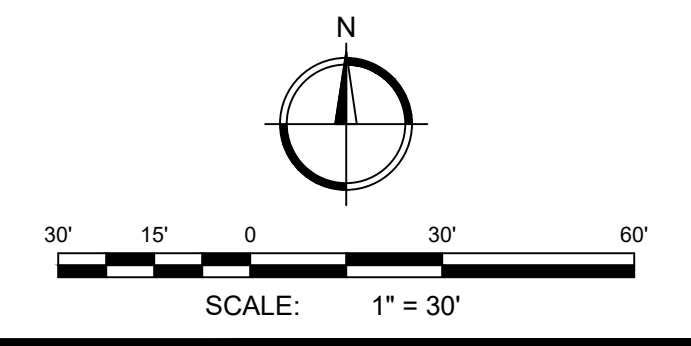
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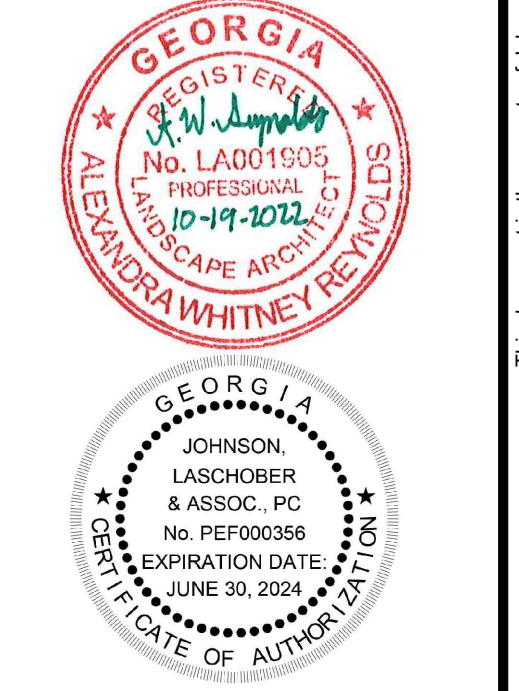
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 28-0005 STA. 157+50 TO STA. 166+00



**2 WRIGHTSBORO ROAD LANDSCAPE**  
 28-0005 STA. 166+00 TO STA. 172+75



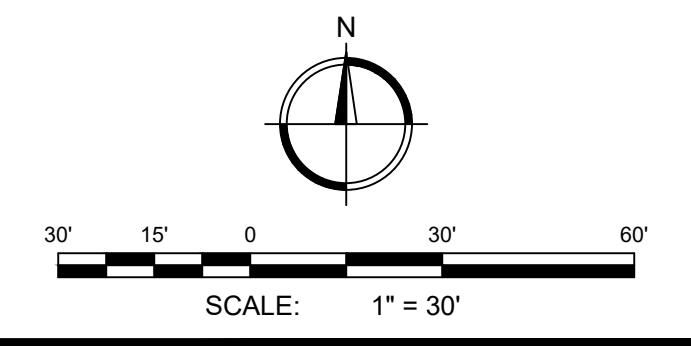
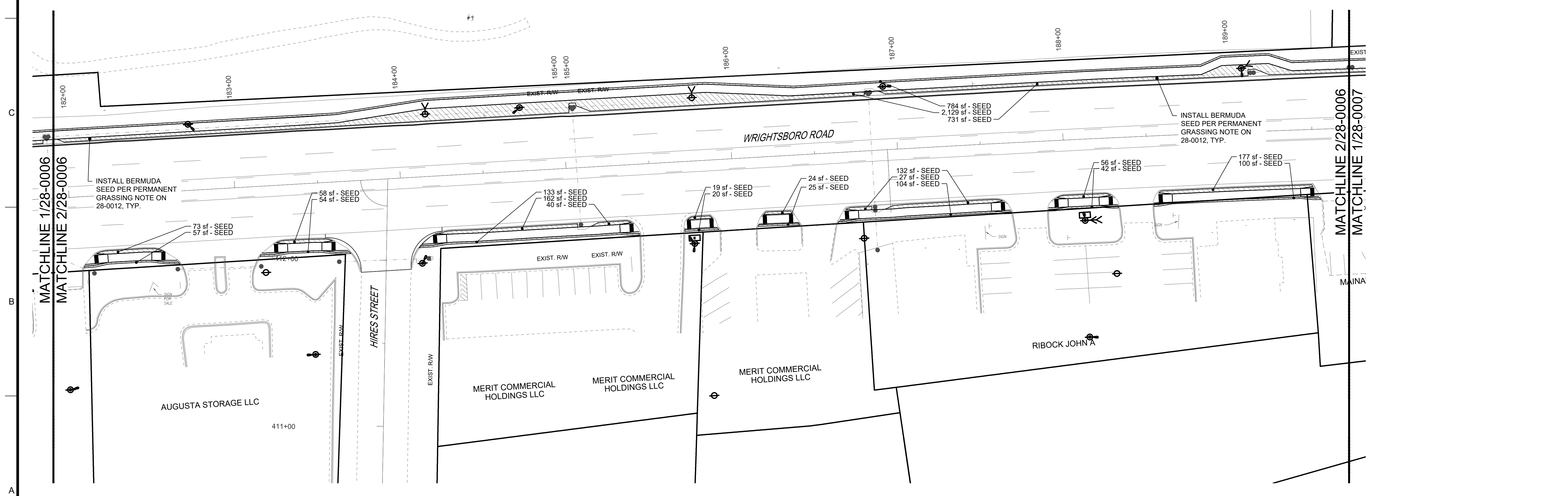
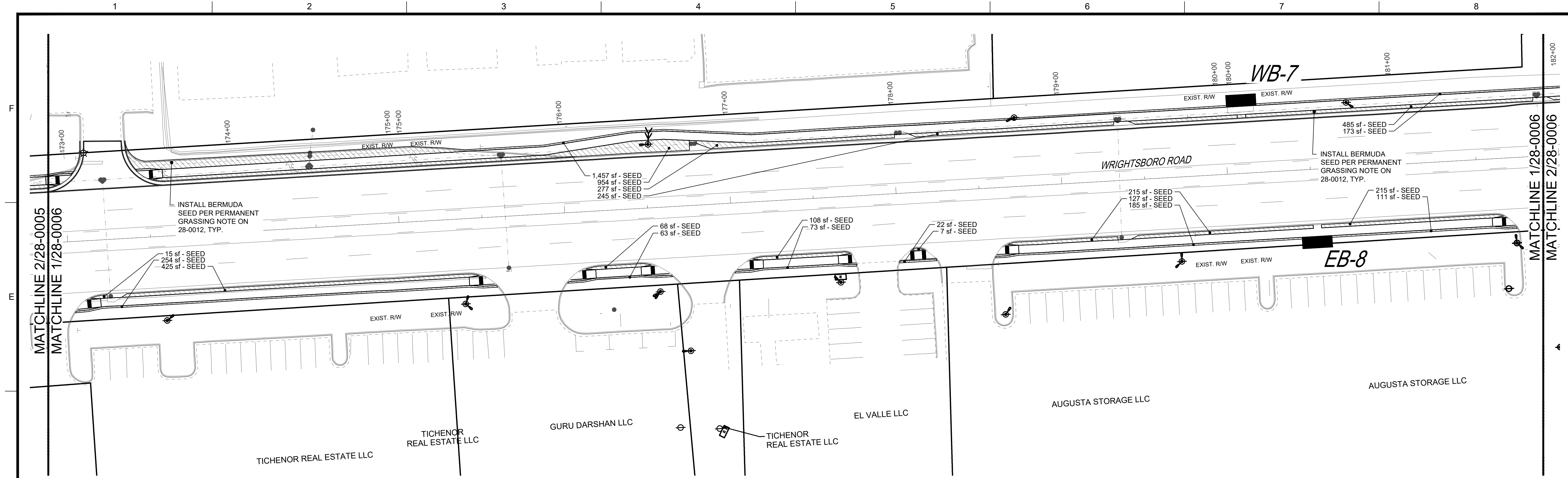
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 DATE: 10/19/2022  
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**LANDSCAPE PLAN**  
**SHEET 5 OF 10**  
 SCALE: 1" = 30'  
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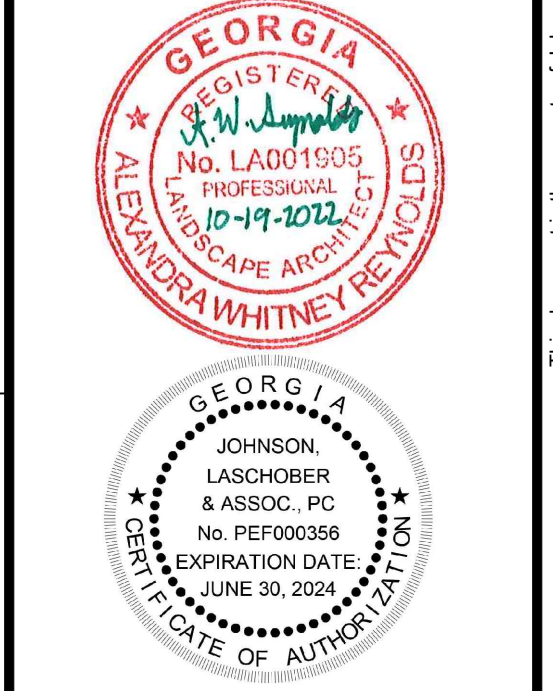


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**WRIGHTSBORO ROAD  
RECONSTRUCTION AND  
PEDESTRIAN IMPROVEMENTS**

PROJECT LOCATION: WRIGHTSBORO ROAD AUGUSTA, GA



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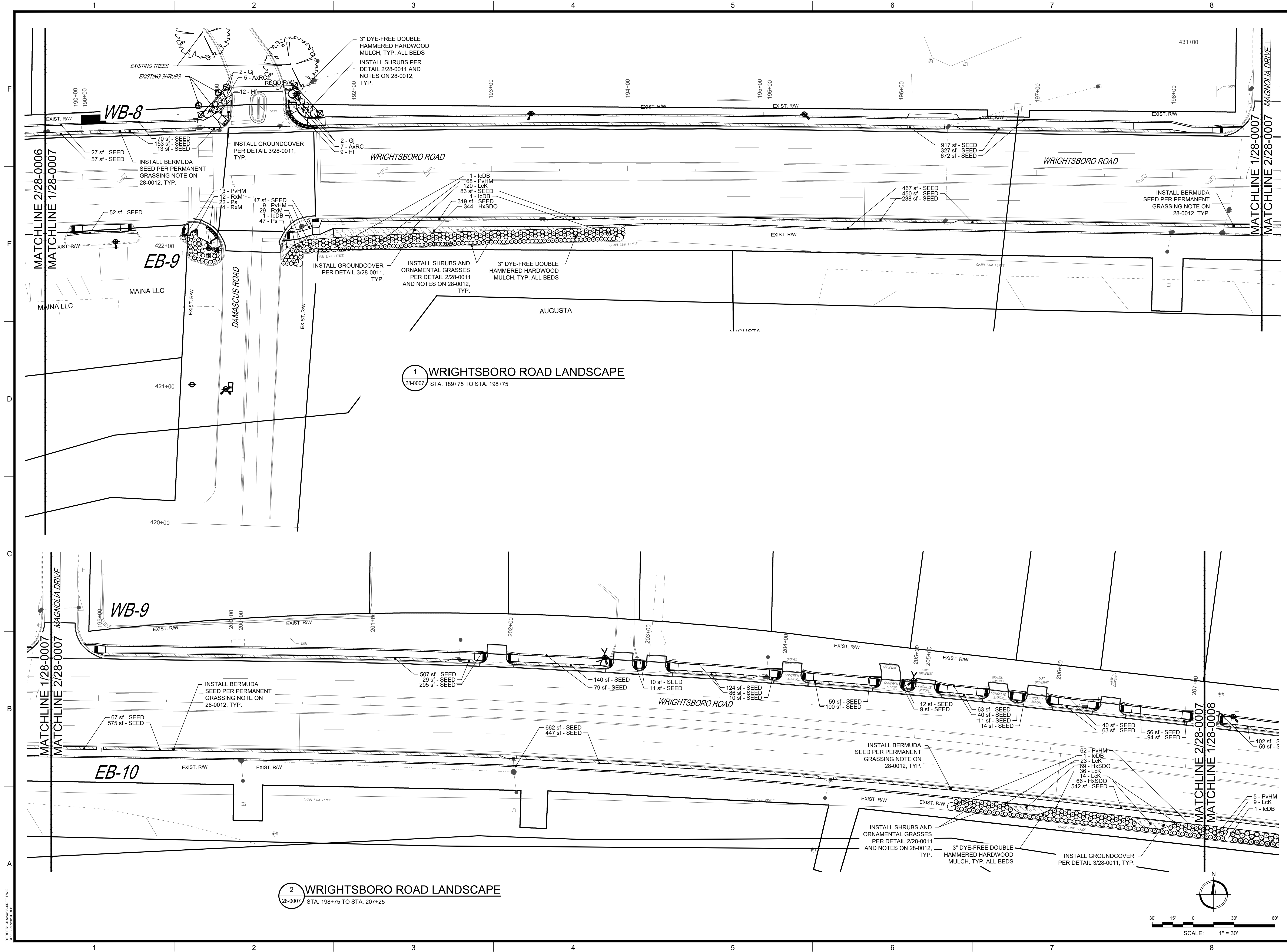
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DRAWN BY: AWR  
CHECKED BY: RDH  
DATE: 10/19/2022

**LANDSCAPE PLAN  
SHEET 6 OF 10**

SCALE: 1" = 30"  
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BORDER\_LAYOUT\_REF.DWG  
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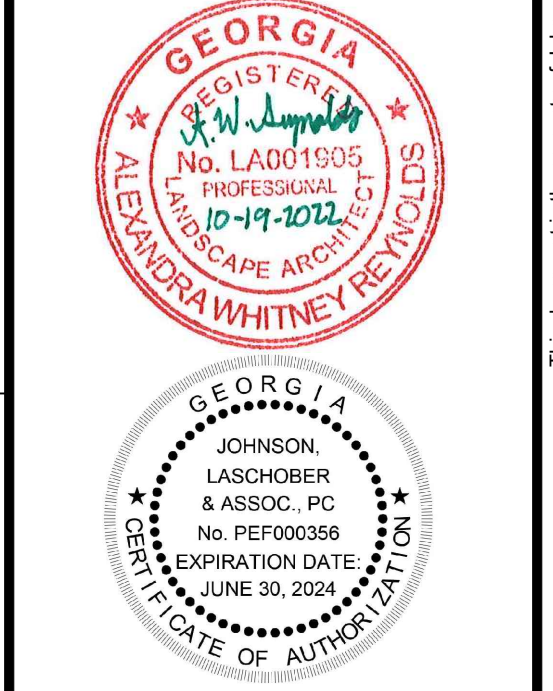


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**WRIGHTSBORO ROAD  
RECONSTRUCTION AND  
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PROJECT LOCATION: WRIGHTSBORO ROAD AUGUSTA, GA



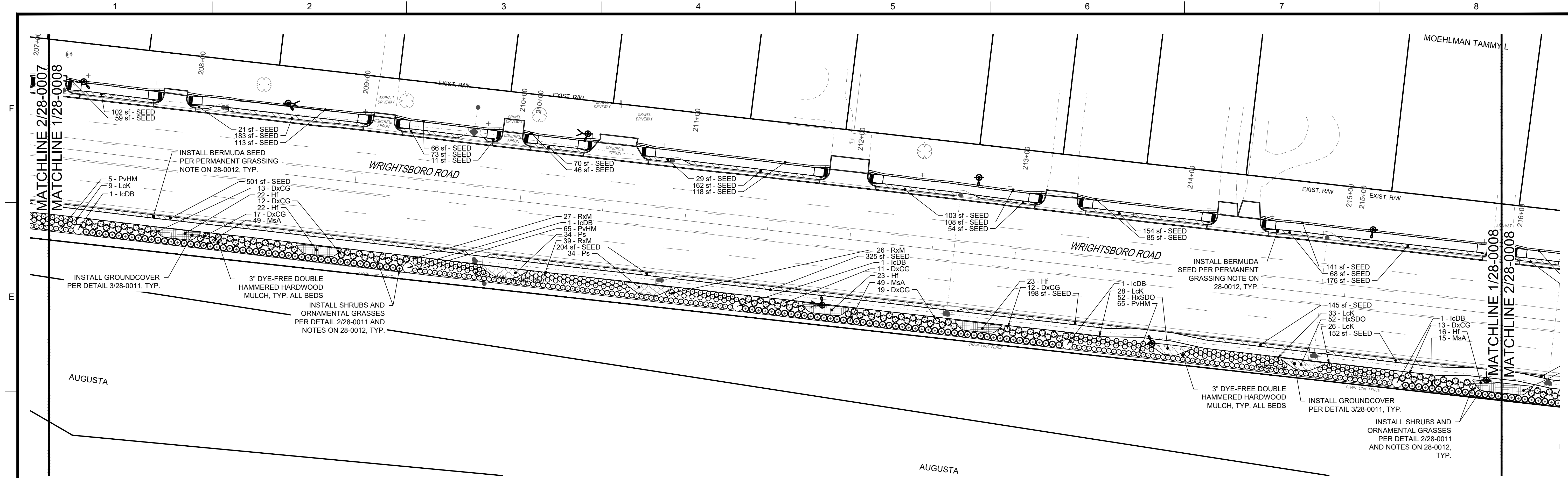
REV	DATE	BY	ISSUED FOR	DESCRIPTION
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PROJECT NO. 1144.2001  
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CHECKED BY: RDH  
DATE: 10/19/2022

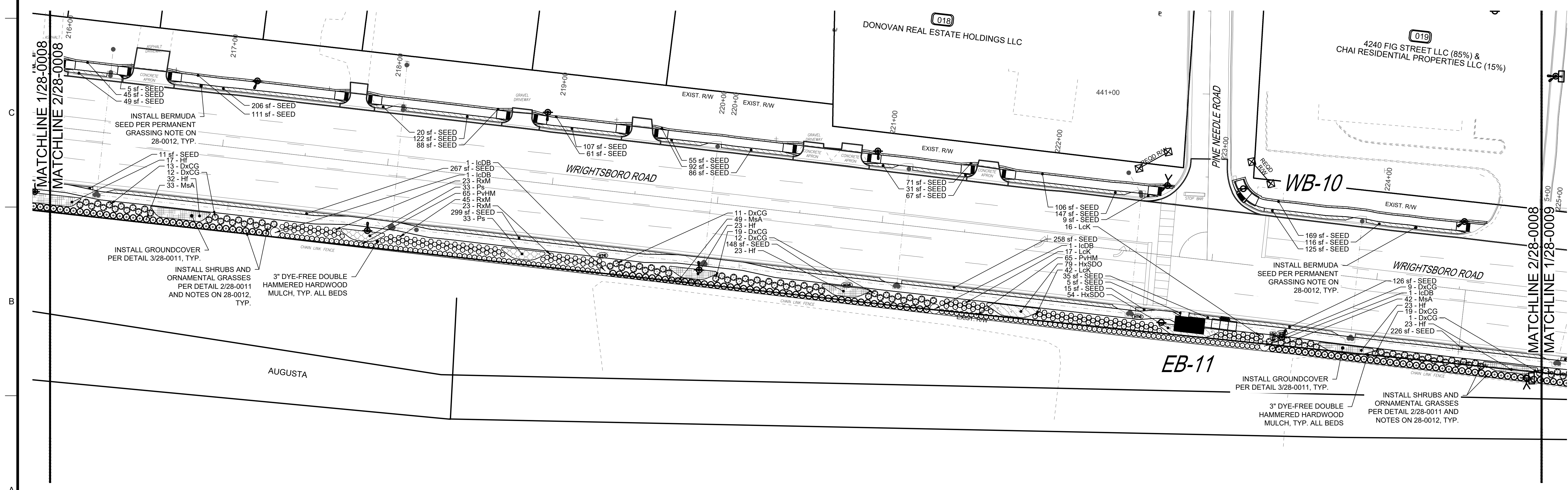
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**LANDSCAPE PLAN  
SHEET 7 OF 10**

SCALE: 1" = 30'  
DRAWING NO. **28-0007** REV. 0

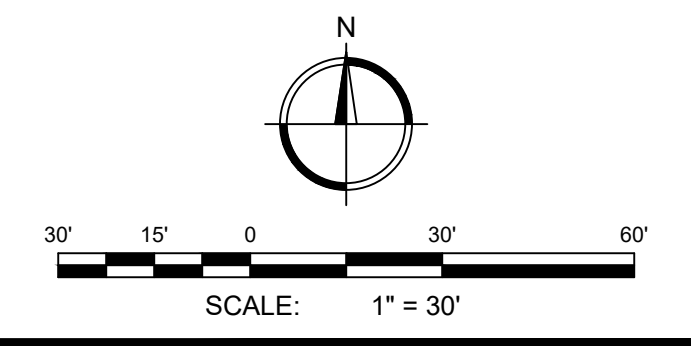
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**1 WRIGHTSBORO ROAD LANDSCAPE**  
28-0008 STA. 207+25 TO STA. 216+00



**2 WRIGHTSBORO ROAD LANDSCAPE**  
28-0008 STA. 216+00 TO STA. 225+00



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PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**  
PROJECT LOCATION: WRIGHTSBORO ROAD AUGUSTA, GA

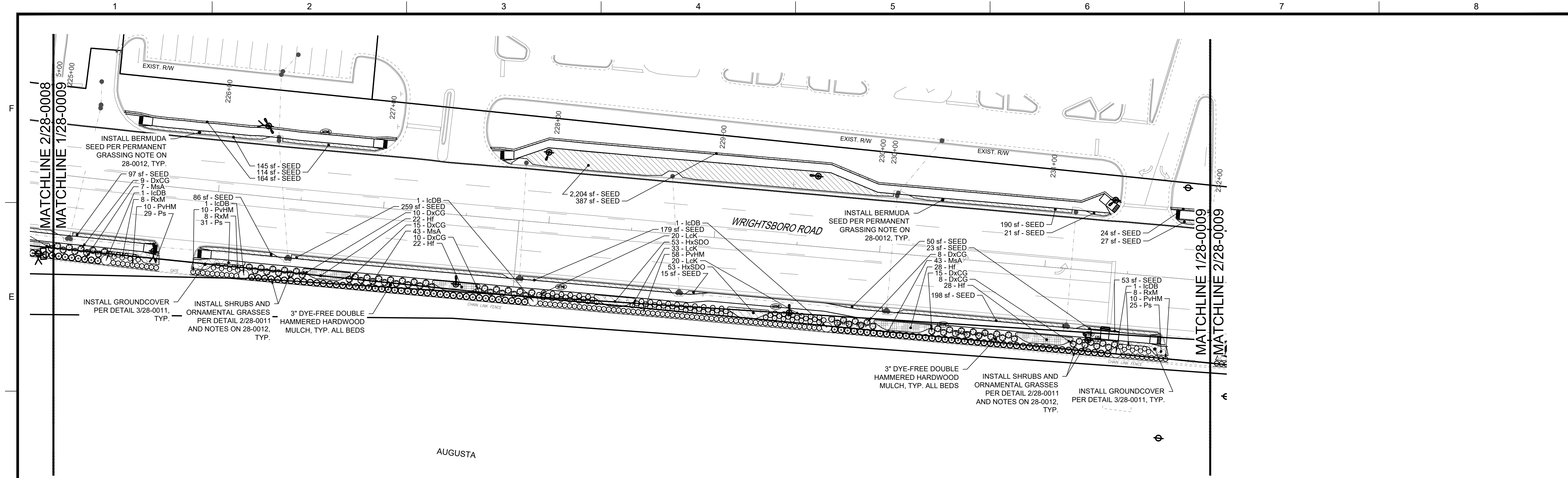
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ALEXANDRA WHITNEY REYNOLDS  
No. LA001905  
PROFESSIONAL  
10-19-2022  
EXPIRES  
ALEXANDRA WHITNEY REYNOLDS  
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EXPIRES  
JUNE 30, 2024  
ALEXANDRA WHITNEY REYNOLDS  
REGISTERED PROFESSIONAL ARCHITECT

REV	DATE	BY	DESCRIPTION
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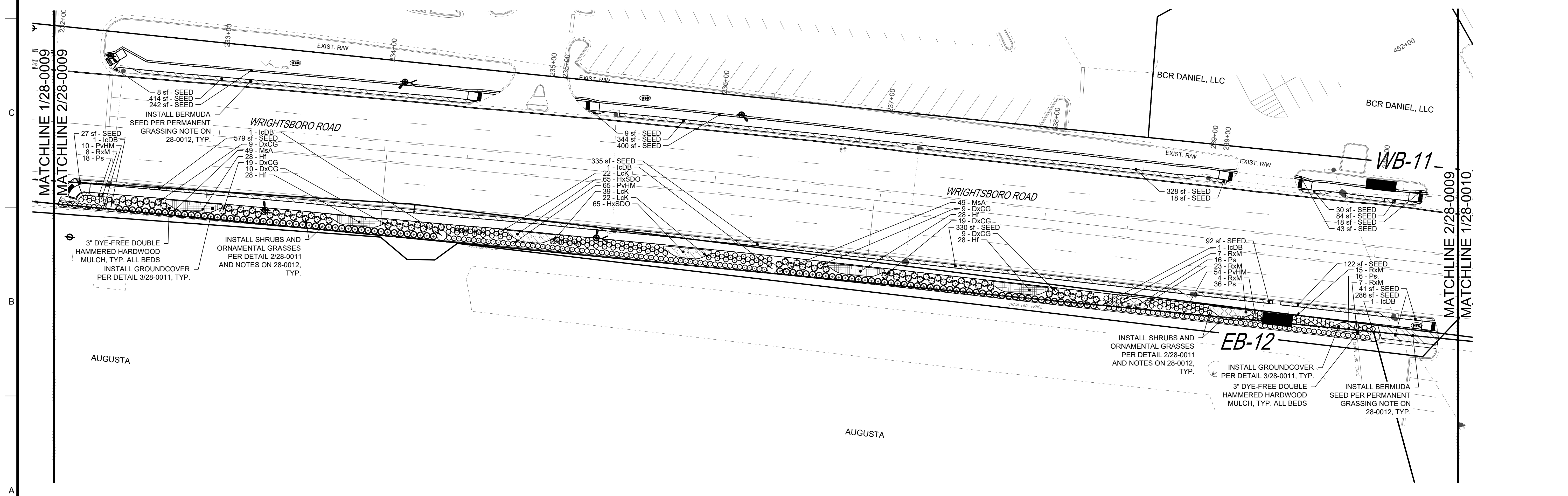
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DRAWN BY: AWR  
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DATE: 10/19/2022  
SHEET TITLE:  
**LANDSCAPE PLAN SHEET 8 OF 10**  
SCALE: 1" = 30'  
DRAWING NO. **28-0008** REV. 0

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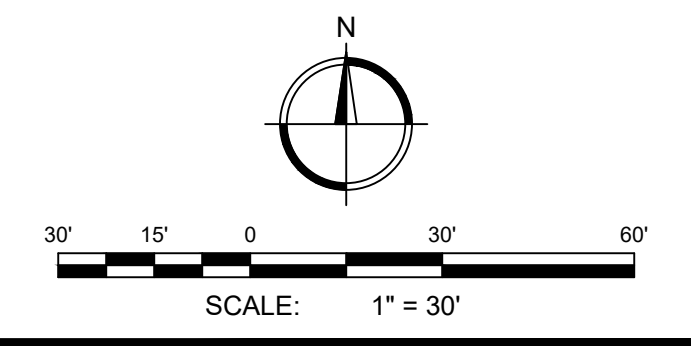
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PROJECT LOCATION: WRIGHTSBORO ROAD AUGUSTA, GA

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ALEXANDRA WHITNEY REYNOLDS  
No. LA001905  
PROFESSIONAL  
10-19-2022

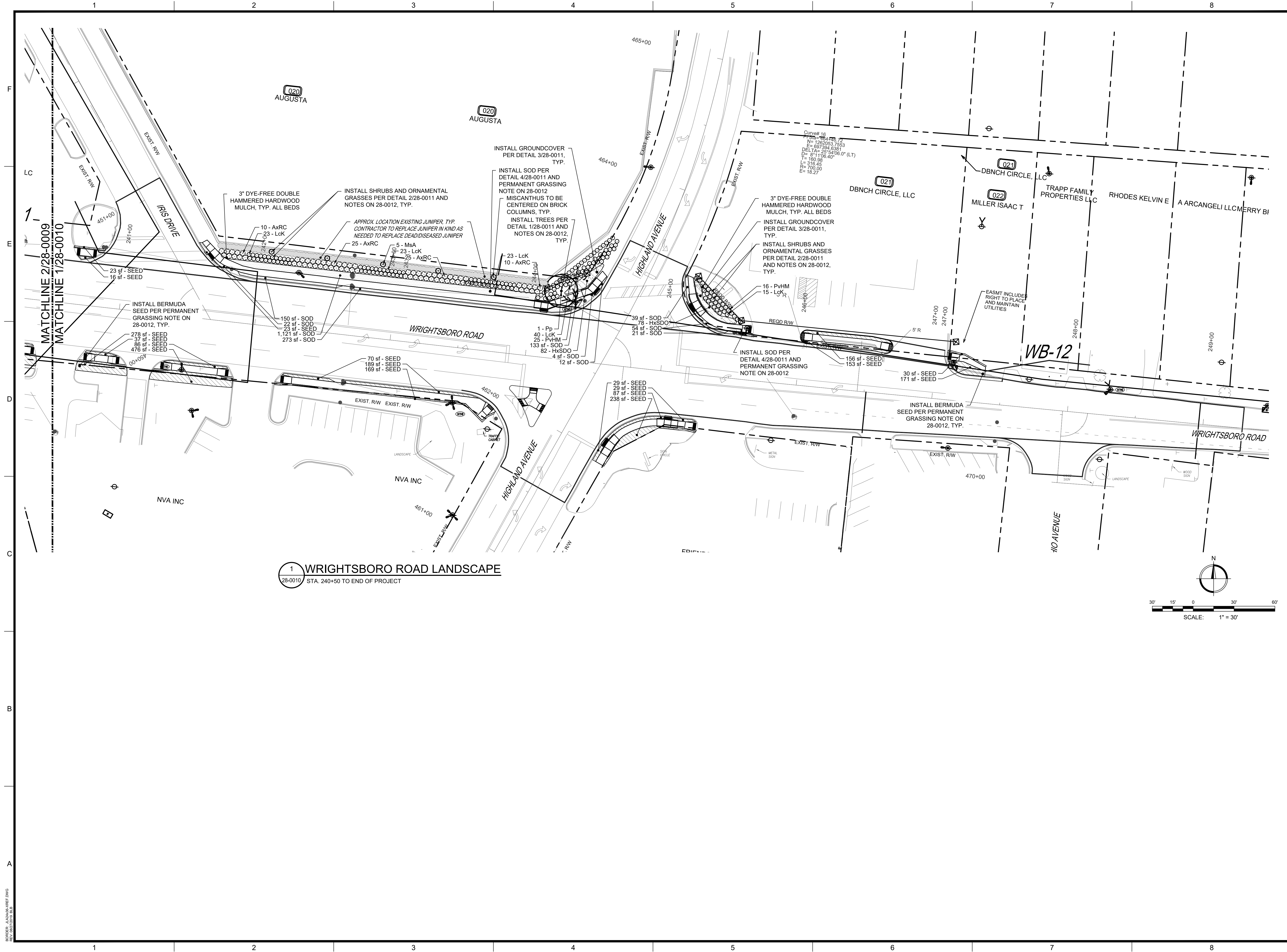
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No. PE0000356  
EXPIRATION DATE: JUNE 30, 2024  
CITY OF AUGUSTA

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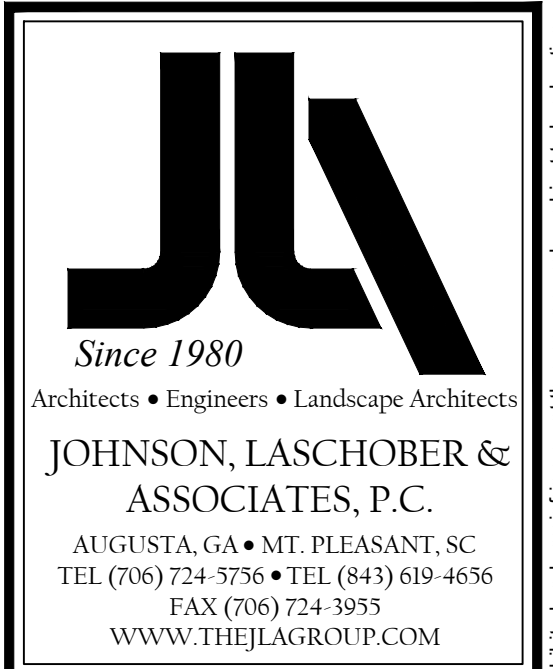
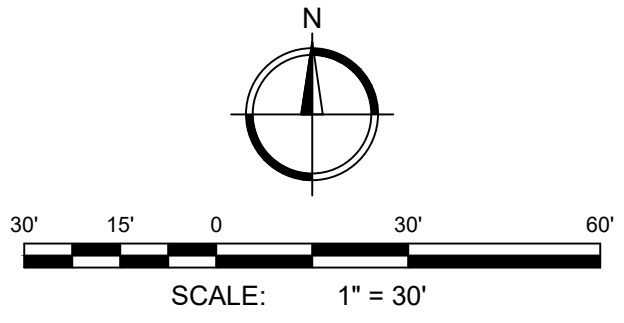
PROJECT NO. 1144.2001  
DRAWN BY: AWR  
CHECKED BY: RDH  
DATE: 10/19/2022  
SHEET TITLE:  
**LANDSCAPE PLAN SHEET 9 OF 10**

SCALE: 1" = 30'  
DRAWING NO. **28-0009** REV. 0

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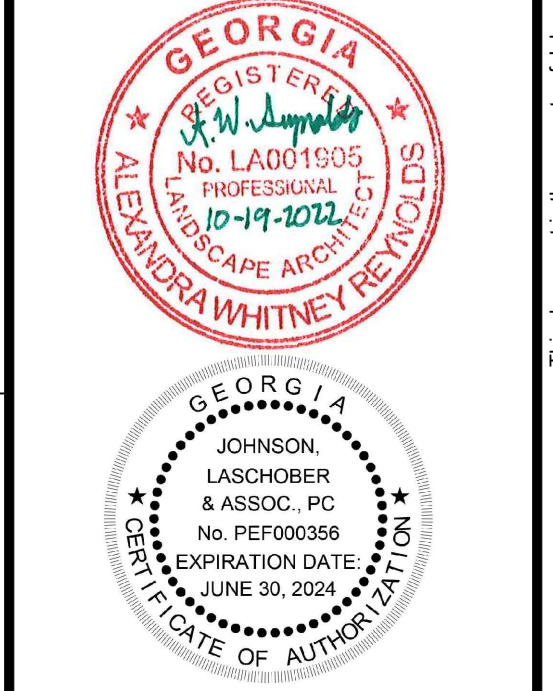
1 WRIGHTSBORO ROAD LANDSCAPE  
28-0010 STA. 240+50 TO END OF PROJECT



CITY OF AUGUSTA  
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PROJECT NAME:  
**WRIGHTSBORO ROAD  
RECONSTRUCTION AND  
PEDESTRIAN IMPROVEMENTS**

PROJECT LOCATION:  
WRIGHTSBORO ROAD AUGUSTA, GA



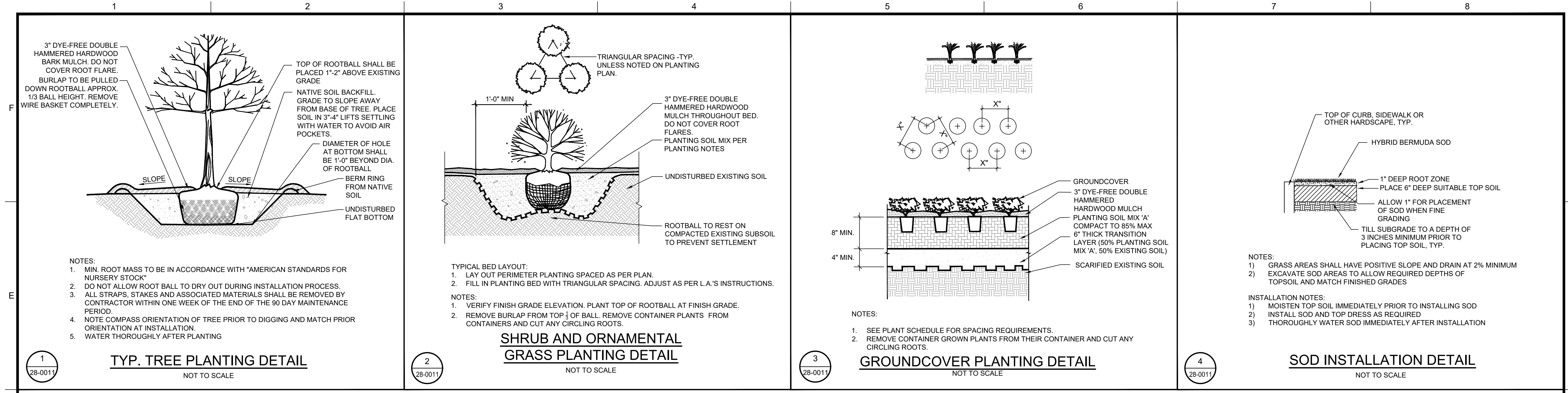
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PROJECT NO. 1144.2001  
DRAWN BY: AWR  
CHECKED BY: RDH  
DATE: 10/19/2022

SHEET TITLE:  
**LANDSCAPE PLAN  
SHEET 10 OF 10**

SCALE: 1" = 30'  
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1 28-0011 2 28-0011 3 28-0011 4 28-0011

**PLANT SCHEDULE** CONTRACTOR RESPONSIBLE FOR THEIR OWN QUANTITY TAKE-OFFS

TREES	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
	Pp	Parrotia persica	Persian Parrotia	3" Cal.	B&B	4	
	UaJ	Ulmus americana 'Jefferson'	American Elm	3" Cal.	B&B	4	
SHRUBS	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
	AxRC	Abelia x 'Rose Creek'	Rose Creek Abelia	3 gal.	Pot	82	4' OC
	DxCG	Distylium X 'PIIDIST-V' TM	Cinnamon Girl Distylium	3 gal.	Pot	343	4' OC
	Gj	Gardenia jasminoides 'August Beauty'	Gardenia	3 gal.	Pot	28	AS SHOWN
	lcDB	Ilex cornuta 'Dwarf Burford'	Dwarf Burford Holly	6-8" H	B&B	23	TREE FORM
	LcK	Loropetalum chinense 'Kurenai' TM	Jazz Hands Dwarf Pink Loropetalum	2 gal.	Pot	730	3' OC
	MsA	Miscanthus sinensis 'Adagio'	Adagio Eulalia Grass	3 gal.	Pot	433	4' OC
	PvHM	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	3 gal.	Pot	675	3' OC
	RxM	Rosa x 'Meisentmii' TM	Lemon Drift Rose	2 gal.	Pot	316	3' OC
GROUND COVERS	CODE	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY	REMARKS
	SEED	Cynodon dactylon x transvaalensis	Hybrid Bermudagrass	seed	N/A	59,111 sf	
	SOD	Cynodon dactylon x transvaalensis	Hybrid Bermudagrass	sod	N/A	24,172 sf	
	Hf	Hemerocallis fulva	Orange Daylily	4"	Pot	480	2.5' OC
	HxSDO	Hemerocallis x 'Stella de Oro'	Stella de Oro Daylily	1 gal.	Pot	1,389	18' OC
	Ps	Phlox subulata	Creeping Phlox	4"	Pot	378	2' O.C.

NOTE: THE LANDSCAPE ARCHITECT HAS SELECTED PLANT VARIETIES THAT ATTAIN SPECIFIC SIZES. ANY PROPOSED SUBSTITUTIONS TO THE PLANT SCHEDULE DUE TO AVAILABLE SUPPLY MUST BE APPROVED BY THE PROJECT LANDSCAPE ARCHITECT.

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CITY OF AUGUSTA  
 535 TELFAIR ST. AUGUSTA, GA 30901

PROJECT NAME: **WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS**

PROJECT LOCATION: WRIGHTSBORO ROAD AUGUSTA, GA

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GEORGIA REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT

ALEXANDRA WHITNEY REYNOLDS

No. LA0019005

PROFESSIONAL

10-19-2022

GEORGIA REGISTERED PROFESSIONAL ARCHITECT

JOHNSON, LASCHOBER & ASSOCIATES, P.C.

No. PE0000356

EXPIRATION DATE: JUNE 30, 2024

CERTIFICATE OF AUTHORITY

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REV	DATE	BY	ISSUED FOR	DESCRIPTION
0	10/19/22	RDH	RDH	

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PROJECT NO. 1144.2001  
 DRAWN BY: AWR  
 CHECKED BY: RDH  
 DATE: 10/19/2022

SHEET TITLE: **LANDSCAPE DETAILS**

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SCALE: AS NOTED

DRAWING NO. **28-0011** REV. **0**



AUGUSTA TREE NOTES

- ILLUSTRATED TREE ORDINANCE SECTION 6.5
1. CONTRACTOR MUST CONTACT THE AUGUSTA PLANNING DEPARTMENT TO SET UP A PRE-CONSTRUCTION MEETING PRIOR TO ANY TREE DISTURBANCE.
2. ALL TREE PROTECTION DEVICES MUST BE INSTALLED PRIOR TO INSPECTION BY THE CODE INSPECTION OFFICER AND PRIOR TO ANY TREE DISTURBANCE ACTIVITIES.
3. REMOVAL OR DAMAGE OF TREES IN THE CONSERVATION AREA WILL BE SUBJECT TO THE PENALTIES ESTABLISHED IN THE PENALTIES SECTION OF THIS ORDINANCE.
4. THESE PLANS SHALL BE REVIEWED BY THE CODE INSPECTION OFFICER FOR CONFORMANCE WITH APPLICABLE PROVISIONS OF THIS SECTION AND FOR TREE AND VEGETATION VIABILITY. THE PLANS WILL EITHER BE APPROVED OR RETURNED FOR REVISIONS. REASONS FOR RETURN SHALL BE NOTED ON THE PROPOSED PLAN.
5. ALL TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO INSPECTION OF CODE INSPECTION OFFICER AND PRIOR TO TREE DISTURBANCE.
6. THE CODE INSPECTION OFFICER WILL CONDUCT FOLLOW-UP SITE INSPECTIONS FOR ENFORCEMENT OF THE TREE PROTECTION REQUIREMENTS.
TREE ORDINANCE SECTION 8-4-13(d)(7)(c)
7. NO LIGHTING CAN BE WITHIN 20' OF A REQUIRED TREE OR WITHIN A REQUIRED LANDSCAPE ISLAND.
8. LIGHTING ON THE ELECTRICAL PLAN MUST BE CONSISTENT WITH LIGHTING DELINEATED ON THE TREE PROTECTION/TREE ESTABLISHMENT PLAN; IF CONFLICTS BETWEEN THE TWO PLANS ARISE, THE LIGHTING ON THE TREE PROTECTION/TREE ESTABLISHMENT PLAN SUPERSEDES LIGHTING ON THE ELECTRICAL PLAN.
9. NO SIGNS, WITH THE EXCEPTION OF SMALL DIRECTIONAL SIGNS (THESE SIGNS MAY NOT EXCEED (30") IN HEIGHT NOR MORE THAN (4 SQ. FT.) IN AREA), MAY BE LOCATED WITHIN 20' OF A REQUIRED TREE OR WITHIN REQUIRED LANDSCAPE ISLANDS.
10. NO BICYCLE RACKS, FIRE HYDRANTS, UTILITY BOXES, TRANSFORMERS OR OTHER SITE APPURTENANCES MAY BE LOCATED IN REQUIRED LANDSCAPE ISLANDS.
TREE ORDINANCE SECTION 8-4-13(d)(8)
11. A PERMANENT WATER SOURCE MUST BE WITHIN 100' OF ALL REQUIRED TREES.
TREE ORDINANCE SECTION 8-4-13(d)(12)
12. NO NEW UTILITIES (UNDERGROUND OR OVERHEAD) MAY BE LOCATED DIRECTLY ABOVE OR BELOW EXISTING OR PROPOSED TREE LOCATIONS. PROPOSED UTILITIES MUST BE ROUTED AWAY FROM ALL REQUIRED TREES ON THIS SITE.
TREE ORDINANCE SECTION 8-4-13(d)
13. ALL REQUIRED TREES ARE RECOMMENDED TO BE GROWN WITHIN ONE CLIMATIC ZONE OF AUGUSTA, GA.
14. TREES PLANTED FOR CANOPY COVER CREDIT SHALL MEET QUALITY AND SIZE STANDARDS AS DESCRIBED IN THE ANSI Z 60.1 AMERICAN STANDARD FOR NURSERY STOCK DATED 1990 AND PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION, AS OFFICIALLY REVISED AND AMENDED FROM TIME TO TIME. ALL TREES SHALL BE PER IGO LIST.
15. ALL TREES SELECTED FOR PLANTING SHOULD BE OF URBAN TOLERANT SPECIES AND SUITABLE FOR THE SITE CONDITION OF PLANTING LOCATION, INCLUDING GROWING SPACE LIMITS, SOIL MOISTURE, SOIL VOLUME, AND CLASSIFIED AS WATER WISE PLANT ONCE ESTABLISHED. ALL TREES SHALL BE PER IGO LIST.
16. ALL REQUIRED TREES SHALL BE NURSERY GROWN, TYPICAL OF THEIR SPECIES OR VARIETY, WITH NORMAL, DENSELY DEVELOPED BRANCHES AND VIGOROUS, FIBROUS ROOT SYSTEMS. TREES SHALL BE SOUND, HEALTHY, VIGOROUS, FREE FROM DEFECTS, FREE FROM DISFIGURING KNOTS, FREE FROM SUN SCALD INJURIES, FROST CRACKS AND/OR ABRASIONS OF THE BARK, AND BE FREE FROM PLANT DISEASES, INSECT EGGS, BORERS, AND ALL FORMS OF INFESTATION. ALL TREES SHALL HAVE A FULLY DEVELOPED FORM WITHOUT VOIDS AND OPEN SPACE. TREES SHALL NOT BE LOOSE IN THE CONTAINER OR ROOT BALL. IT IS RECOMMENDED THAT DUG TREES SHALL HAVE BEEN ROOT PRUNED AT LEAST ONCE.
17. ALL REQUIRED TREES SHALL HAVE STRAIGHT, SINGLE CENTRAL LEADERS. TREES THAT HAVE THE MAIN TRUNK FORMING A 'Y' SHAPE ARE NOT ACCEPTABLE. TREES THAT ARE NOT FULLY BRANCHED WILL NOT BE ACCEPTED. TREES SHALL HAVE NO BARK DAMAGE AND SHALL NOT BE LEANING OR HAVE SIGNIFICANT SWEEP, CROOK, OR BEND. TREES SHALL HAVE A MINIMUM 3" CALIPER AND SHALL HAVE NO BRANCH MORE THAN HALF THE DIAMETER OF THE MAIN LEADER AND SHALL A STRAIGHT UNBRANCHED TRUNK TO 6'. TREES SPECIFIED AS 'MULTI-STEMMED' SHALL HAVE A MINIMUM OF 3 AND A MAXIMUM OF 5 SEPARATE CANES A MINIMUM OF 1" CALIPER EACH COMING FROM THE ROOT BALL AND PRUNED INTO TREE FORM WITH NO BRANCHES ON THE LOWER HALF OF THE TREE. MULTIPLE PLANTS SHALL NOT BE USED AS A 'MULTI-STEMMED' PLANT. ALL TREES SHALL BE MINIMUM 8' IN HEIGHT.
18. ALL REQUIRED TREES SHALL BE SET IN THE PLANTING PIT TO PROPER GRADE AND ALIGNMENT, AND SHALL BE SET UPRIGHT PLUMB AND FACED TO GIVE THE BEST APPEARANCE OR RELATIONSHIP TO OTHER TREES. EACH TREE SHALL BE SET 1-2" ABOVE THE FINISH GRADE AND BACKFILL SHALL BE BROUGHT EVEN WITH THE TOP OF THE ROOT BALL. NO FILL SHALL BE PERMITTED ATOP THE ROOT BALL.
19. ALL BURLAP, ROPES, STRAPS AND WIRES SHALL BE REMOVED FROM THE ROOT BALL. IF IT IS NOT POSSIBLE TO REMOVE THE BURLAP AND WIRE FROM THE BOTTOM OF THE ROOT BALL, THE BURLAP AND WIRE SHALL BE CUT AWAY FROM THE SIDES AND REMOVED FROM THE HOLE.
20. AFTER REQUIRED TREES ARE SET, THE BACKFILL SHALL BE MUDDLED AROUND THE BASE OF THE ROOT BALL AND ALL VOIDS SHALL BE FILLED.
21. ALL REQUIRED TREES SHALL HAVE THEIR PLANTING PITS MULCHED WITH APPROVED MULCHING MATERIAL IMMEDIATELY AFTER PLANTING. THE MULCHED AREAS SHALL BE THOROUGHLY WATERED. NOTE: MULCH SHALL BE PLACED A MAXIMUM THICKNESS OF 3". NO MULCH WITHIN 8" OF TRUNK OF TREE.
22. IF STAKING AND SUPPORTS HAVE BEEN INSTALLED ON THE REQUIRED TREE(S), ALL STAKING AND SUPPORTS SHALL BE REMOVED AFTER ONE GROWING SEASON.
23. AS A GENERAL RULE, THE FOLLOWING GUIDELINES FOR TREE DIVERSITY WITHIN THE TREE PLANTING SITE AND POPULATION SHOULD BE ADHERED TO: 1) PLANT NO MORE THAN 10% OF ANY SPECIES; NO MORE THAN 20% OF ANY GENUS; AND NO MORE THAN 30% OF ANY FAMILY.

TREE SELECTION NOTES:

- 1. TREES SHALL BE 10' MINIMUM HEIGHT AND 3" MINIMUM CALIPER
2. TREE SHOULD BE UNWRAPPED FOR EXAMINATION. STEMS SHOULD BE WRAPPED FOR SHIPMENT AND INSTALLATION. REMOVE WRAP PROMPTLY.
3. TREE SHOULD HAVE BEEN PROPERLY TARGET PRUNED -NEVER FLUSH CUT, TRIMMED, ROUNDED-OVER, HEDGED, TIPPED OR TOPPED.
4. TREE SHOULD BE FULLY OPEN-GROWN FOR WIND-FIRMNESS.
5. TREE SHOULD HAVE A ROOT BALL SIZE THAT MINIMALLY MEETS NURSERY STANDARDS. STRIVE FOR A ROOT BALL AT 150% OF STANDARD ROOT BALL SIZE. ROOT BALL SHOULD BE LIFTED AND CONTAINED TO MINIMIZE AIR EXPOSURE AND ROOT DAMAGE.
6. TREE SHOULD HAVE BEEN ROOT PRUNED ONE OR MORE TIMES. THE LAST ROOT PRUNING SHOULD HAVE OCCURRED AT LEAST ONE FULL GROWING SEASON BEFORE INSTALLATION.
7. TREE SHOULD HAVE A GOOD CROWN SHAPE AND COLOR (IF EVERGREEN).
8. TREE SHOULD BE ENTIRELY FREE FROM PEST SIGNS AND SYMPTOMS.
9. TREE SHOULD SHOW VIGOROUS AND SUBSTANTIAL GROWTH FOR AT LEAST THE LAST TWO GROWING SEASONS.
10. TREE SHOULD BE CERTIFIED IN WRITING AS TO SCIENTIFIC NAME, VARIETY, AND/OR CULTIVAR NAME.
11. TREE SHOULD HAVE A SINGLE DOMINANT LEADER WITH NO SIDE BRANCHES TALLER THAN THE MAIN LEADER. TREE SHOULD NOT HAVE A FLAT TOP.
12. TREE SHOULD HAVE APPROXIMATELY TWO-THIRDS OF ITS HEIGHT IN LIVING BRANCHES.
13. TREE SHOULD HAVE BRANCHES DISTRIBUTED ALONG THE STEM IN AN ALTERNATING PATTERN AND NOT OCCURRING HORIZONTALLY OPPOSITE EACH OTHER ACROSS THE STEM.
14. TREE SHOULD HAVE NO BASAL STEM OR MAIN ROOT BASE SCARS.
15. TREE SHOULD HAVE NO STUB OR TIP CUTTING WOUNDS.
16. TREE SHOULD NOT HAVE ANY VISIBLE BRANCH STUBS OR INTERNODAL CUTS PRESENT.
17. TREE SHOULD HAVE NO FORKS OR DEAD LEADERS EVEN ON OPPOSITE BRANCHING SPECIES.
18. TREE SHOULD HAVE NO BARK DAMAGE.
19. TREE SHOULD NOT HAVE BEEN STAKED IN THE NURSERY.
20. TREE SHOULD NOT HAVE BEEN TREATED AT ANY TIME WITH WOUND PAINT.
21. TREES SHOULD NOT HAVE ALL BRANCHES GROWING FROM A SINGLE AREA ON THE STEM (CLUSTERED OR CROWNED). TREES WITH BRANCHES NORMALLY GROWING IN WHORLS SHOULD HAVE ONLY 3-4 BRANCHES PER WHORL.
22. TREE SHOULD NOT APPEAR 'LEGGY' OR EXCESSIVELY SLENDER. TREE MUST STAND ON ITS OWN AND RESIST WIND DEFLECTION.
23. TREE SHOULD HAVE NO NARROW CROTCHES WITH INCLUDED BARK.
24. TREE SHOULD HAVE NO SIDE BRANCHES TALLER THAN THE MAIN LEADER.
25. TREE SHOULD NOT BE LEANING OR HAVE SIGNIFICANT SWEEP, CROOK OR BEND.
26. TREE SHOULD HAVE NO BRANCH MORE THAN ONE-HALF THE DIAMETER OF THE MAIN LEADER.
27. TREE SHOULD NOT HAVE BASAL SPROUTS OR FIRST-YEAR STEM SPROUTS.
28. TREE SHOULD NOT HAVE SPROUTS FROM AROUND WOUND AREAS OR BRANCH BASES.
29. TREE SHOULD NOT HAVE VERTICAL CRACK CLOSURES OVER OLD WOUNDS. PROPER PRUNING WOUND CLOSURES SHOULD BE CIRCULAR.
30. TREE SHOULD NOT HAVE BRANCHES THAT CROSSOVER EACH OTHER OR RUB AGAINST EACH OTHER.
31. TREE SHOULD NOT HAVE BRANCHES GROWING UPWARD INSIDE THE CROWN.
32. TREE SHOULD NOT HAVE LARGE ROOTS CUT CLOSE TO THE ROOT CROWN/STEM BASE.

LANDSCAPE INSTALLATION NOTES:

- 1. THE LANDSCAPE CONTRACTOR SHALL LOCATE AND VERIFY THE EXISTENCE OF ALL UTILITIES PRIOR TO STARTING WORK.
2. THE LANDSCAPE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON ALL DRAWINGS.
3. ALL MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARDS FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
4. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING IS COMPLETE AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT OR EQUAL.
5. ALL PLANTS SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING.
6. ALL PLANTS SHALL BE BALLED AND WRAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETIC OR PLASTICS SHALL BE REMOVED AT THE TIME OF PLANTING.
7. PRIOR TO PLANTING, THE LOCATION OF TREES SHALL BE STAKED AND ALL PLANT MATERIAL SHALL BE INSPECTED FOR APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT OR EQUAL. NO PLANT MATERIAL WILL BE ACCEPTED IF IT IS DAMAGED, DISEASED OR INADEQUATE IN SIZE AS SPECIFIED ON PLANS. SUBSTITUTIONS DUE TO AVAILABILITY MUST BE APPROVED BY THE LANDSCAPE ARCHITECT.
8. PRUNE OUT ANY TALL SHOOTS, DEAD WOOD OR SUCKERS.
9. ALL PLANTS SHALL BE INSTALLED AS PER DETAILS.
10. THE LANDSCAPE CONTRACTOR SHALL PROVIDE FERTILIZER, PRE-EMERGENT HERBICIDE, LIME, TOPSOIL AND PLANTING MIXTURE AS PER THE PLANTING SOIL MIX NOTE.
11. BEDLINES SHALL HAVE A 3" DEEP SHOVEL CUT TRENCH EDGE WHERE MULCH MEETS GRASS, CONCRETE WALKS OR CURBS UNLESS OTHERWISE SPECIFIED. BEDLINES SHALL BE SMOOTH AND CONTINUOUS AND BE WITHIN A REASONABLE LOCATION AND SHAPE AS ILLUSTRATED ON PLANS.
12. ALL PLANTING AREAS SHOULD HAVE POSITIVE DRAINAGE TO DISCOURAGE SATURATED ROOT SYSTEMS.
13. PLACE 3" OF DYE-FREE DOUBLE HAMMERED HARDWOOD MULCH OVER ALL PLANTING BEDS; TUCK MULCH UNDER PLANTS AND INTO BEDLINE TRENCHES PER PLAN SPECIFICATIONS. DO NOT COVER ROOT FLARES WITH MULCH.
14. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR CLEAN UP OF ALL CONTAINERS, PLANT TAGS AND RIBBONS, PALLETES, DEBRIS, ETC. RESULTING FROM HIS OR HER WORK.
15. ALL MULCH RINGS SHALL BE 5' DIAMETER.
16. ALL AREAS TO BE GRASSED SHALL BE SEEDED OR SODDED PER THE PLANT SCHEDULE AND THE PERMANENT GRASSING NOTE.

IRRIGATION SPECIFICATIONS:

- 1. CONTRACTOR SHALL DESIGN AND INSTALL AN IRRIGATION SYSTEM FOR 100% COVERAGE OF ALL NEW TREES, SHRUBS AND GRASS WITHIN THE IRRIGATION LIMITS. A SHOP DRAWING OF THE PROPOSED SYSTEM LAYOUT AND PROPOSED EQUIPMENT SCHEDULE MUST BE SUBMITTED TO OWNER FOR APPROVAL PRIOR TO CONSTRUCTION.
2. ALL IRRIGATION EQUIPMENT SHALL BE MANUFACTURED BY RAINBIRD INC. OR APPROVED EQUAL.
3. CONTRACTOR SHALL FIELD VERIFY EXISTING WATER PRESSURE AND AVAILABLE VOLUME FOR MINIMUM MANUFACTURED SPECIFIED WORKING PRESSURE BEFORE WORKING IRRIGATION SYSTEM.
4. CONTRACTOR SHALL SUPPLY POWER TO CONTROLLER UTILIZING NEAREST EXISTING POWER SUPPLY. CONTRACTOR SHALL CONSULT WITH OWNER AS TO THE LOCATION AND PLACEMENT OF THE CONTROLLER.
5. CONTRACTOR WILL INSTALL HEADS AND NOZZLES THAT WILL LIMIT THE AMOUNT OF WATER THROWN ON IMPERVIOUS SURFACES AND STILL MAINTAIN 100% COVERAGE OF PLANTED AREAS WITHIN THE IRRIGATION LIMITS. WATER OVERSPRAY ONTO IMPERVIOUS SURFACES MUST BE MINIMIZED TO THE GREATEST EXTENT POSSIBLE. IRRIGATION WATER MUST BE DIRECTED AWAY FROM BUILDINGS & OTHER STRUCTURES.
6. CONTRACTOR SHALL LOCATE ALL UTILITIES BEFORE IRRIGATION INSTALLATION BEGINS.
7. NO IRRIGATION WATER SHALL BE THROWN ON BUILDING MASONRY. NO FUNNY PIPE OR OTHER FLEXIBLE PIPE CAN BE USED FOR SUPPLY OR FEEDER LINES. NO STATIONARY RISERS CAN BE USED.
8. ALL PLASTIC PIPE FROM SIZES 4" AND ABOVE SHALL BE CLASS 200, SDR 21, UNPLASTICIZED RIGID PVC PIPE WITH INTEGRAL BELL AND RUBBER RING GASKET UNLESS OTHERWISE SPECIFIED. PIPE FROM SIZES 3" TO 3/4" SHALL BE CLASS 200, SOLVENT WELD, PVC PIPE. 1/2" PIPE SHALL BE CLASS 200, SOLVENT WELD, PVC PIPE. ALL PIPE SHALL BE SUPPLIED IN 20' STANDARD LENGTHS AND SHALL BE MANUFACTURED BY CERTAINTEE CORP., CRESTLINE, DURA, OR EQUAL. ALL PIPE THAT IS EXPOSED OR NOT BELOW GRADE SHALL BE SCHEDULE 80 PVC.
9. ALL IN-GROUND WIRE CONNECTIONS MUST BE MADE WITH 3M-DBY WIRE CONNECTIONS OR APPROVED EQUAL.
10. CONTROLLER SHALL BE BY RAIN BIRD OR APPROVED EQUAL. CONTROLLER SHALL INCLUDE RAIN SENSOR. CONTROLLER SHALL BE WEATHER TIGHT CONSTRUCTION.
11. ALL CONTROL VALVES MUST BE BRASS OR SCHD. 80 PVC WITH A SCHD. 80 ISOLATION VALVE AT EACH CONTROL VALVE.
12. VALVES IN BOXES MUST BE EASILY ACCESSIBLE AND INSTALLED WITH 8" DRAINAGE ROCK IN BOTTOM.
13. ALL VALVE BOXES SHALL BE SET LEVEL WITH FINISHED GRADE.

PERMANENT GRASSING NOTE:

NOTE: ALL AREAS TO BE SODDED SHALL RECEIVE 4" OF SCREENED TOPSOIL. TOP SOIL WILL BE RAKED LEVEL AND FREE OF DEBRIS PRIOR TO SOD INSTALLATION. ALL AREAS TO BE SEEDED WILL RECEIVE 2" OF SCREENED TOP SOIL. TOP SOIL WILL BE RAKED LEVEL AND FREE OF DEBRIS PRIOR TO SEEDING. ALL SODDED AREAS WILL BE TOP DRESSED WITH COARSE SAND TO LEVEL IRREGULARITIES AND PROTECT SOD SEAMS. ALL NEWLY GRASSED AREAS SHALL RECEIVE 1.5" OF ABSORBED WATER EACH WEEK THROUGH CONSTRUCTION AND THE 90 DAY MAINTENANCE PERIOD.

OTHER THAN THE DETENTION BASIN FLOOR ALL AREAS NOT RECEIVING SOD SHALL BE PERMANENTLY GRASSED WITH COMMON BERMUDA SEED AT A RATE OF 50 LBS PER ACRE. ALL SEEDED AREAS SHALL RECEIVE WHEAT STRAW MULCH AT 2 TONS PER ACRE. SLOPED AREAS SHALL HAVE BIODEGRADABLE EROSION CONTROL BLANKETS INSTALLED WITH SOD STAPLES OR SIMILAR FASTENING METHOD. SEE GRASSING, FERTILIZATION, AND MULCH NOTE FOR ADDITIONAL INSTRUCTIONS ON SHEET C506 (SOIL EROSION AND SEDIMENT CONTROL NOTES AND DETAILS).

PLANTING SOIL MIX NOTE

- 1. PLANTING SOIL SHALL BE A MIXTURE OF APPROVED TOPSOIL, SAND, AND ORGANIC MATERIAL MIXED TO MEET THE FOLLOWING SPECIFICATION.
2. PARTICLE SIZE DISTRIBUTION ACCORDING TO U.S.D.A. PARTICLE CLASSIFICATIONS:
PARTICLE SIZE (MM) ALLOWABLE LIMIT
GRAVEL >4.75 MAX. 3%
FINE GRAVEL 2.00-4.75 MAX. 10%
VERY COARSE SAND 1.00-2.00
COARSE SAND+ 0.50-1.00 COMBINED
MEDIUM SAND 0.25-0.50 50-75%
FINE SAND 0.10-0.25 5-15%
VERY FINE SAND 0.05-0.10 0-10%
SILT 0.002-0.05 10-20%
CLAY <0.002 10-20%
3. THE U.S.D.A. SOIL TEXTURE CLASS SHALL BE A SANDY LOAM, WITH NO MORE THAN 75% SAND AND NO MORE THAN 35% COMBINED SILT+CLAY.
4. THE ORGANIC MATTER SHALL BE 5-8%.
5. DEPTH OF MIX AS INDICATED ON DRAWINGS.

PLANT SCHEDULE

CONTRACTOR RESPONSIBLE FOR THEIR OWN QUANTITY TAKE-OFFS

Table with columns: TREES, CODE, BOTANICAL NAME, COMMON NAME, SIZE, CONTAINER, QTY, REMARKS. Includes rows for Parrotia persica, Ulmus americana 'Jefferson', Abelia x 'Rose Creek', Distylum X 'PIDIST-V' TM, Gardenia jasminoides 'August Beauty', Ilex cornuta 'Dwarf Burford', Loropetalum chinense 'Kurenai' TM, Miscanthus sinensis 'Adagio', Panicum virgatum 'Heavy Metal', Rosa x 'Meisenteuil' TM, Cynodon dactylon x transvaalensis, Hemerocallis fulva, Hemerocallis x 'Stella de Oro', and Phlox subulata.

NOTE: THE LANDSCAPE ARCHITECT HAS SELECTED PLANT VARIETIES THAT ATTAIN SPECIFIC SIZES. ANY PROPOSED SUBSTITUTIONS TO THE PLANT SCHEDULE DUE TO AVAILABLE SUPPLY MUST BE APPROVED BY THE PROJECT LANDSCAPE ARCHITECT.



CITY OF AUGUSTA
505 TELFAIR ST. AUGUSTA, GA 30901
PROJECT NAME: WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS
PROJECT LOCATION: WRIGHTSBORO ROAD AUGUSTA, GA

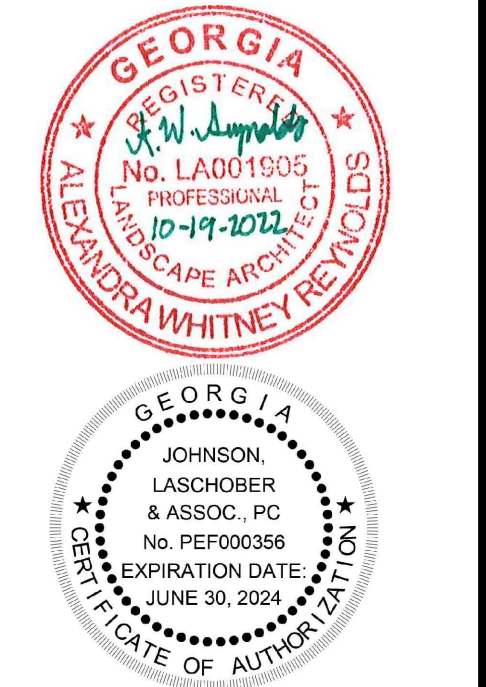
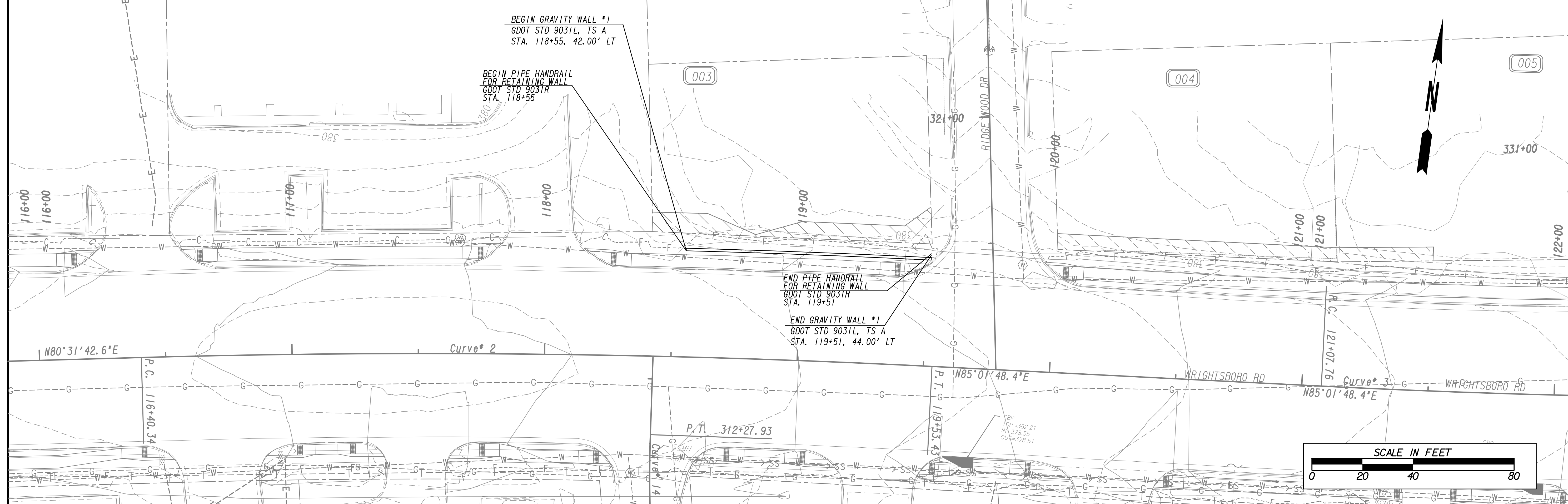
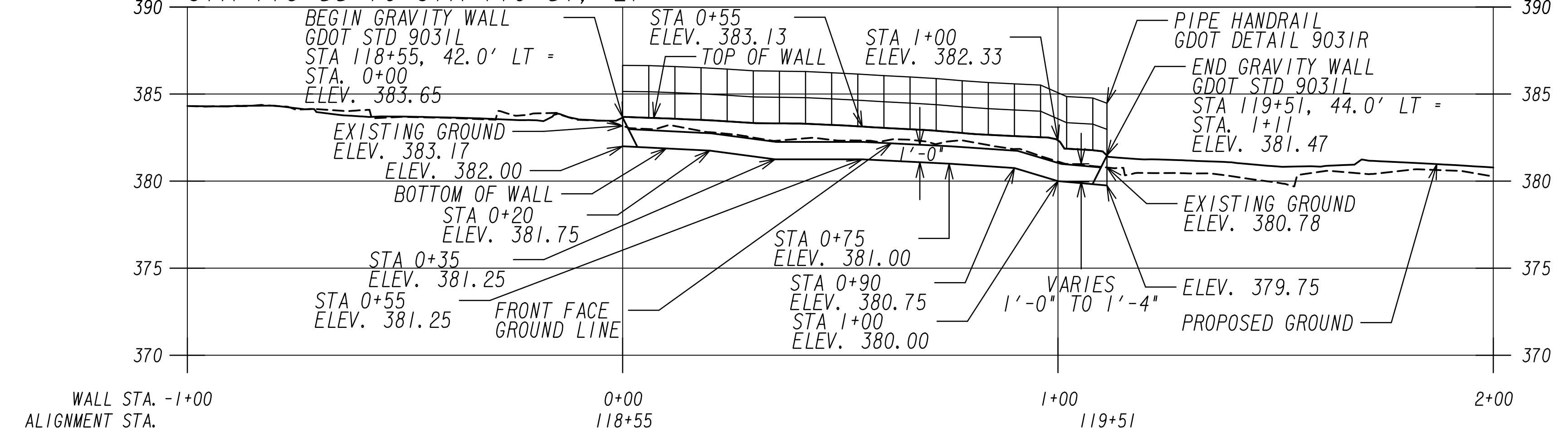


Table with columns: DATE, REV, BY, RDH, ISSUED FOR BID, DESCRIPTION.

PROJECT NO. 1144.2001
DRAWN BY: AWR
CHECKED BY: RDH
DATE: 10/19/2022
SHEET TITLE: LANDSCAPE SPECIFICATIONS
SCALE: AS NOTED
DRAWING NO. 28-0012
REV. 0



**GRAVITY WALL NO. 1  
WRIGHTSBORO ROAD  
STA 118+55 TO STA 119+51, LT**



SCALE 1 INCH = 5 FEET VERTICAL  
SCALE 1 INCH = 20 FEET HORIZONTAL

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

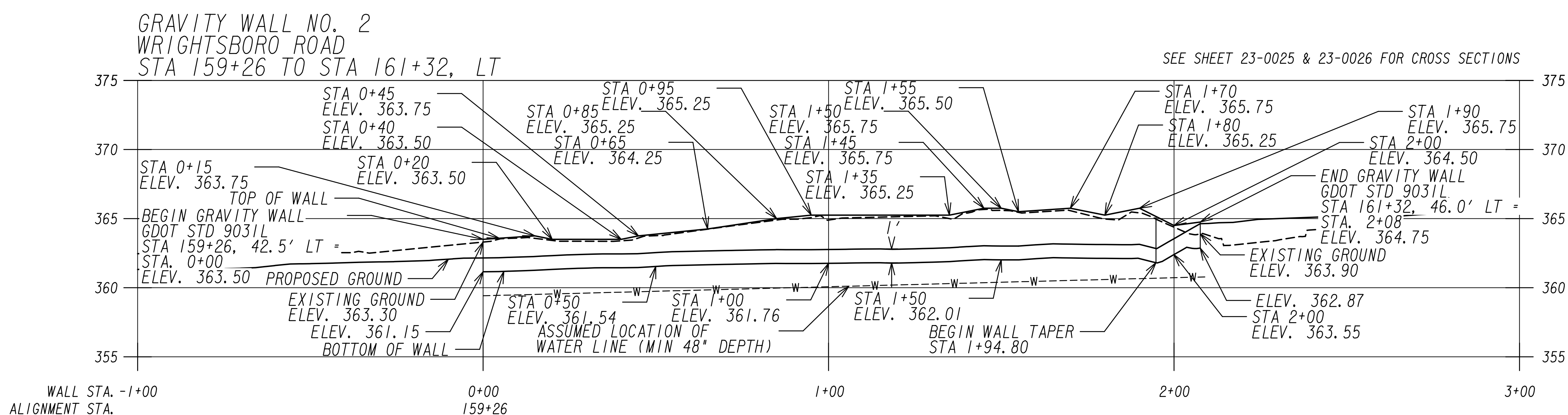
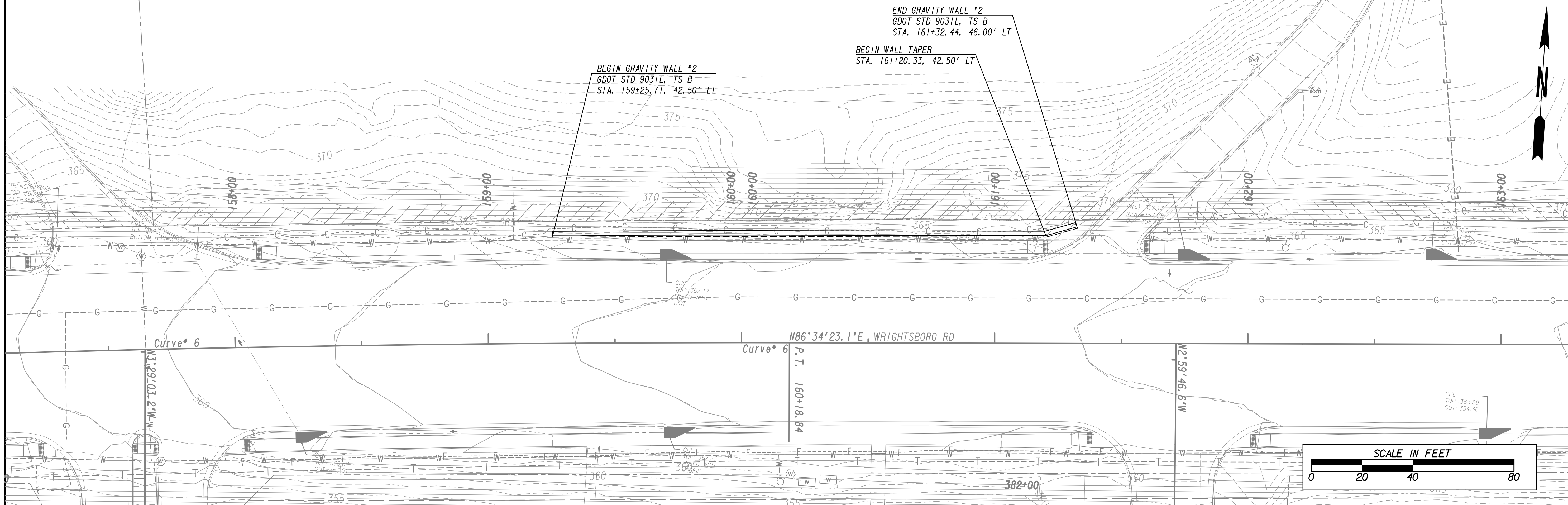
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REVISION DATES	

**RETAINING WALL ENVELOPES**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
**WALL #1**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	31-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SCALE 1 INCH = 5 FEET VERTICAL  
SCALE 1 INCH = 20 FEET HORIZONTAL

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

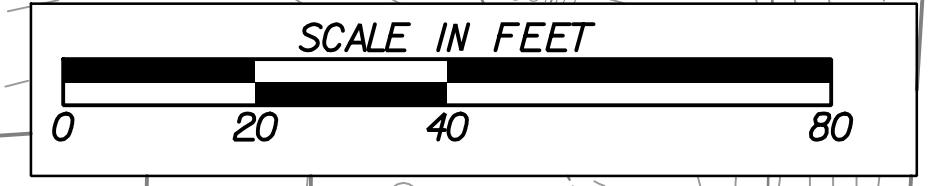
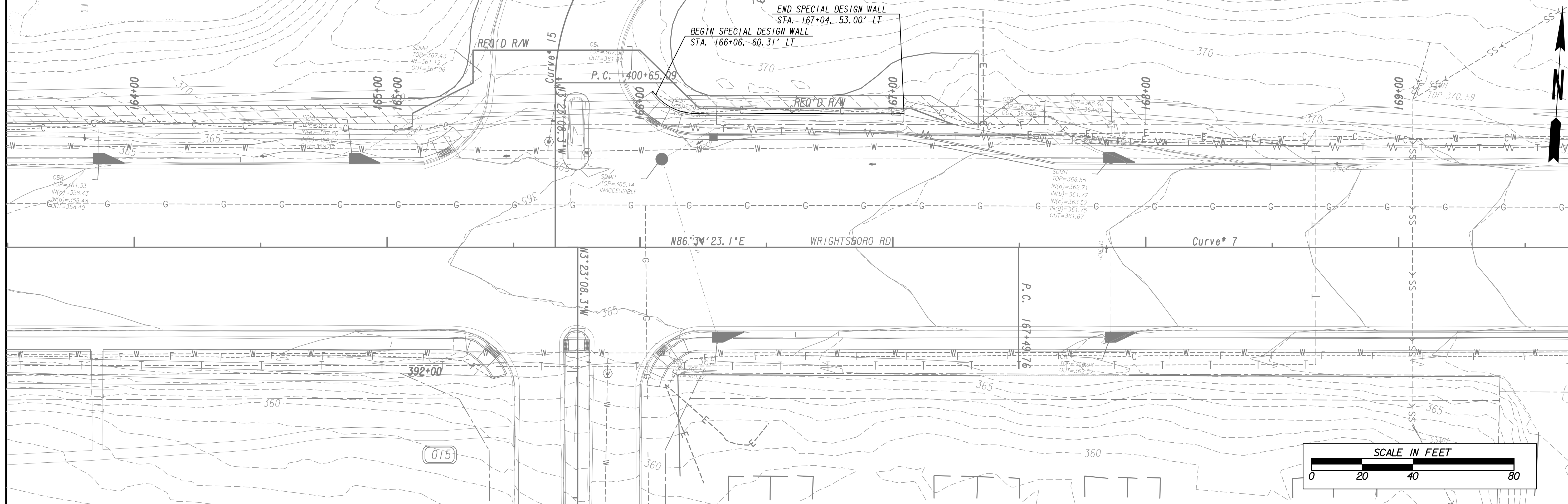
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REVISION DATES	

**RETAINING WALL ENVELOPES**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
**WALL #2**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	31-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

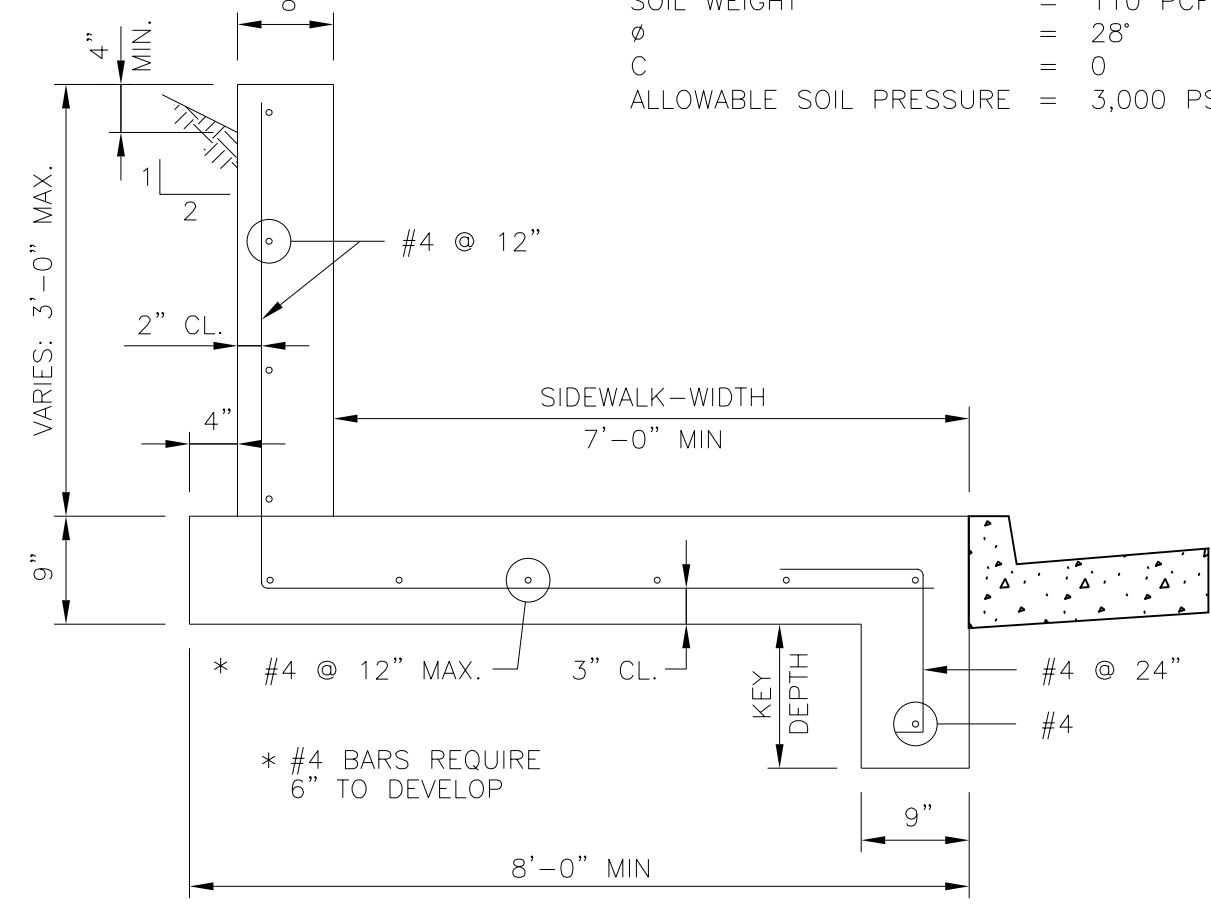


KEY DEPTH	WALL HEIGHT
0'-0"	1'-9"
6" MIN.	2'-0"
0'-9"	2'-6"
1'-0"	3'-0"

LOADS:  
SURCHARGE = 0 PSF

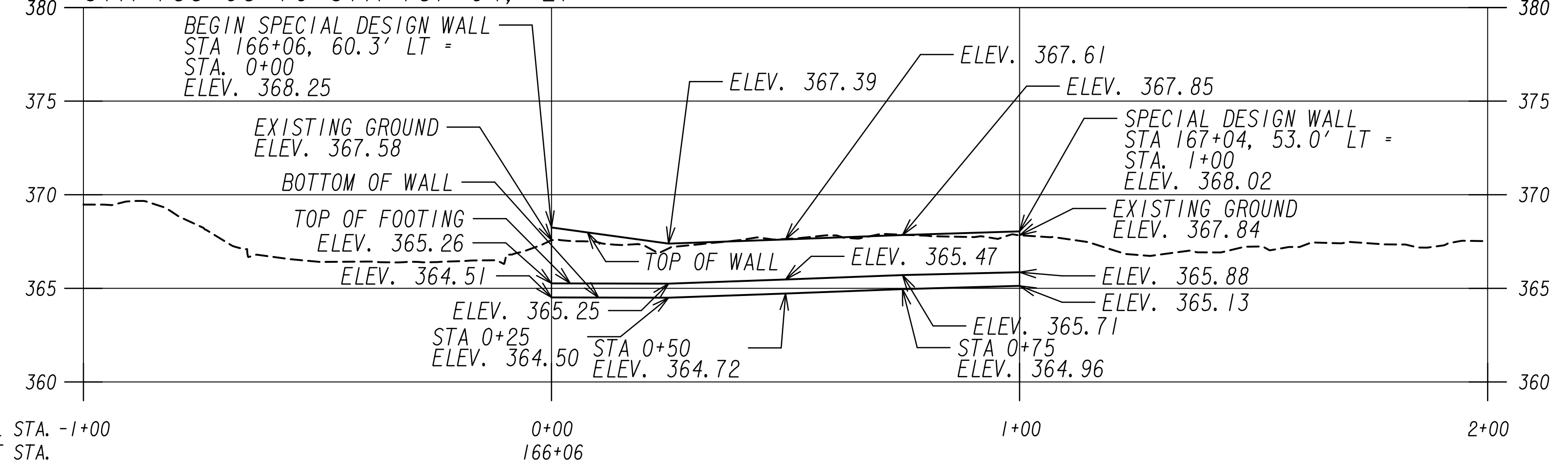
MATERIALS:  
CONCRETE  $f'_c = 3,000$  PSI  
REINFORCING  $f_y = 60,000$  PSI

SOIL PROPERTIES:  
SOIL WEIGHT = 110 PCF  
 $\phi = 28^\circ$   
C  
ALLOWABLE SOIL PRESSURE = 3,000 PSF



SPECIAL DESIGN REINFORCED CONCRETE WALL DETAIL  
 STA. 166+06.00 TO STA. 167+04.00

**SPECIAL DESIGN WALL NO. 3**  
 WRIGHTSBORO ROAD  
 STA 166+06 TO STA 167+04, LT



SEE SHEET 23-0029 FOR CROSS SECTIONS

SCALE 1 INCH = 5 FEET VERTICAL  
 SCALE 1 INCH = 20 FEET HORIZONTAL

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



REVISION DATES	

<b>RETAINING WALL PLANS</b> WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE <b>WALL #3</b>			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:		
CORRECTED:	DATE:		
VERIFIED:	DATE:		
			<b>32-0001</b>

# CITY OF AUGUSTA ENGINEERING DEPARTMENT

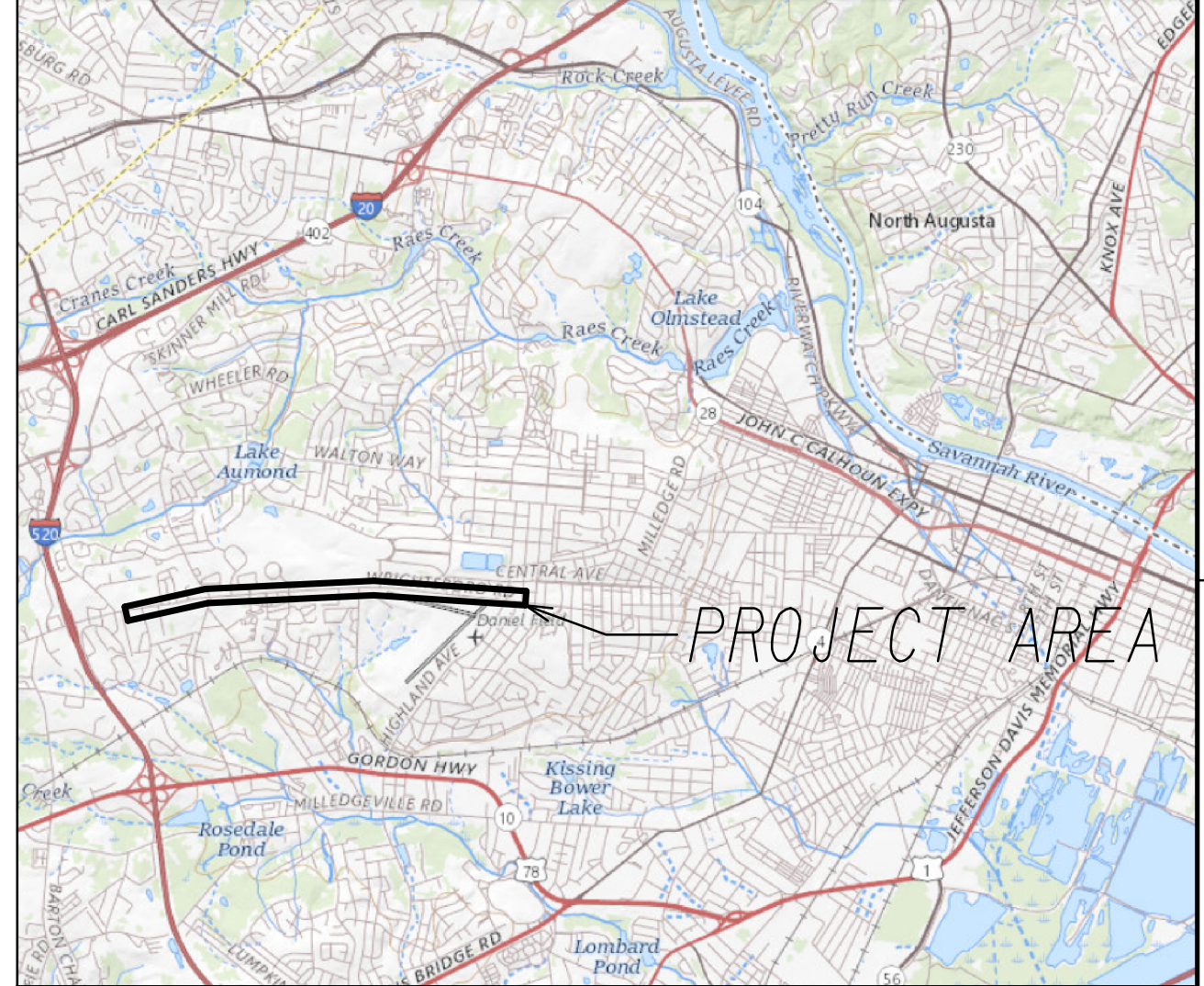
## EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH ROAD TO HIGHLAND AVENUE RICHMOND COUNTY (245)

"I certify that this Erosion, Sedimentation and Pollution Control Plan has been prepared in accordance with Part IV, of the General NPDES Permit No. GARI00002."

"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 State 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. GARI00002."

"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. GARI00002, 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 location described herein by myself or my authorized agent, under my direct supervision."

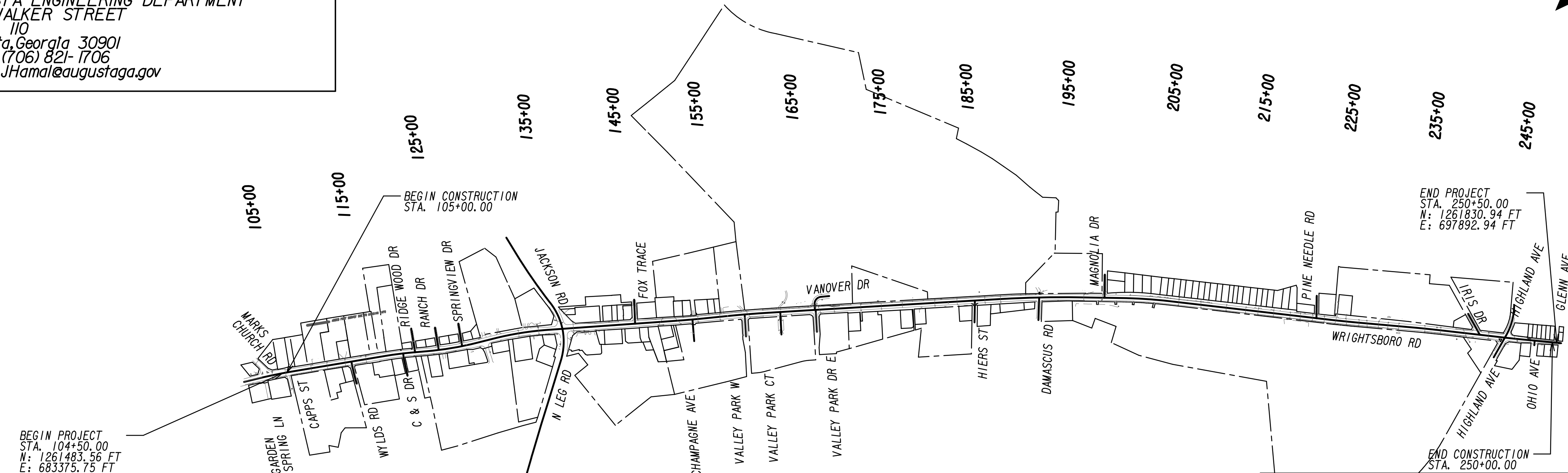
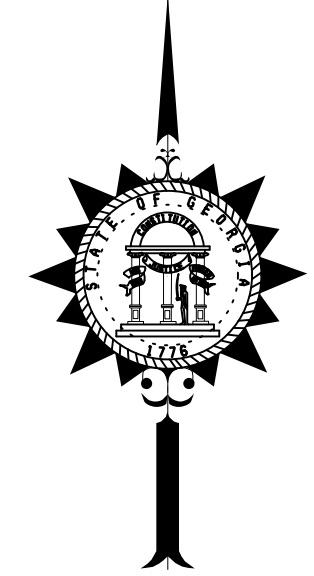


LOCATION SKETCH

This project has been prepared using the Horizontal Georgia Coordinate System of 1984 (NAD1983)/84 West Zone, and the North American Vertical Datum (NAVD) of 1988.

**PRIMARY PERMITTEE**  
AUGUSTA ENGINEERING DEPARTMENT  
452 WALKER STREET  
SUITE 110  
Augusta, Georgia 30901  
Phone: (706) 821-1706  
Email: JHamal@augustaga.gov

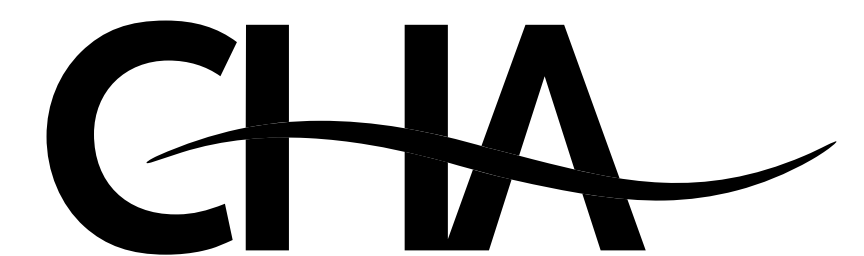
FEDERAL ROUTE \* N/A  
STATE ROUTE \* N/A



<b>BEGIN-POINT COORDINATES</b> Longitude: 82.0774° Latitude: 33.4680°
<b>MID-POINT COORDINATES</b> Longitude: 82.0543° Latitude: 33.4701°
<b>END-POINT COORDINATES</b> Longitude: 82.0298° Latitude: 33.4689°

LEAH G. CASSELL, P.E.  
GSWCC LEVEL II CERTIFICATION #0000052996

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PLANS PREPARED BY:

**24 HOUR CONTACT:**

Name \_\_\_\_\_

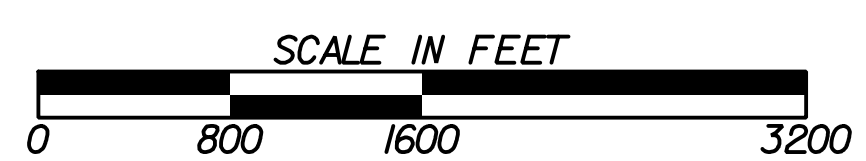
Street Address \_\_\_\_\_

City, State Zip \_\_\_\_\_

Phone Number \_\_\_\_\_

Email Address \_\_\_\_\_

Contractor shall complete the information in this box.



<b>LENGTH OF PROJECT</b>		COUNTY No. RICHMOND COUNTY (245)
		MILES
NET LENGTH OF ROADWAY	2.7562	
NET LENGTH OF BRIDGES	0.0000	
NET LENGTH OF PROJECT	2.7562	
NET LENGTH OF EXCEPTIONS	0.1200	
GROSS LENGTH OF PROJECT	2.7562	

RECOMMENDED FOR APPROVAL BY:

Date: --202

PLANS COMPLETED 10-19-2022				
REVISIONS				
DATE	ENTITY REQUESTING REVISION(S)	DRAWING NUMBER(S)	SIGNATURE	GSWCC LEVEL II CERT.*
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GSWCC LEVEL II Certification Number

DRAWING No.  
**50-0001**

**EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST**  
**INFRASTRUCTURE CONSTRUCTION PROJECTS**

SWCD: **Brier Creek SWCD**  
**WRIGHTSBORO RD RECONSTRUCTION**  
**AND PEDSTRIAN IMPROVEMENTS**

Address: **FROM MARKS CHURCH RD TO HIGHLAND AVE**

Project Name:  
 City/County: **Richmond**  
 Name & email of person filling out checklist:

Date on Plans: **7/21/2022**  
**DANIELLE SPENCER, DSPENCER@CHACOMPANIES.COM**

Plan Page #	Included Y/N
-------------	--------------

**TO BE SHOWN ON ES&PC PLAN**

Plan Page #	Included Y/N
50-0001	Y
50-0001	Y
50-0001	Y
53-0000	Y
50-0001	Y
50-0001	Y
51-0002	Y
50-0001	Y
55-0001	Y
50-0001	Y
50-0001	Y
50-0001	Y
50-0001	Y
50-0001	Y
51-0002	Y
	N/A
	N/A
51-0002	Y
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51-0002	Y
51-0002	Y
	N/A
	N/A
51-0002	Y
51-0002	Y
51-0002	Y
51-0002	Y
51-0002	Y
51-0002	Y

Plan Page #	Included Y/N
-------------	--------------

Plan Page #	Included Y/N	Description				
51-0002	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. *				
51-0003	Y	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. *				
51-0003	Y	33 Description of analytical methods to be used to collect and analyze the samples from each location. *				
51-0003	Y	34 Appendix B rationale for NTU values at all outfall sampling points where applicable. *				
51-0003	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. *				
51-0003	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. *				
50-0001, 53, 54, 55	Y	37 Graphic scale and North arrow.				
54.1-0001 TO 54.3-0031	Y	38 Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following: <table border="1"> <tr><td>Existing Contours</td><td>USGS 1": 2000' Topographical Sheets</td></tr> <tr><td>Proposed Contours</td><td>1": 400' Centerline Profile</td></tr> </table>	Existing Contours	USGS 1": 2000' Topographical Sheets	Proposed Contours	1": 400' Centerline Profile
Existing Contours	USGS 1": 2000' Topographical Sheets					
Proposed Contours	1": 400' Centerline Profile					
	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 GAEPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.georgia.gov.				
	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. *				
	N/A	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.				
	N/A	42 Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.				
53-0001	Y	43 Delineation and acreage of contributing drainage basins on the project site.				
53-0001	Y	44 Delineate on-site drainage and off-site watersheds using USGS 1": 2000' topographical sheets.				
53-0001	Y	45 An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.				
53-0001	Y	46 Storm drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.				
51-0002, 54.1-0001 TO 54.0031	Y	47 Soil series for the project site and their delineation.				
54.1-0001 TO 54.3-0031	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.				
54.1-0001 TO 54.3-0031	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.				
56-0001 TO 56-00XX	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.				
51-0002	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, 2022

**REVISION DATES**

No.	Date	Description

**ES&PC GENERAL NOTES**  
**WRIGHTSBORO RD RECONSTRUCTION**  
**AND PEDESTRIAN IMPROVEMENTS**  
**FROM MARKS CHURCH RD TO HIGHLAND AVENUE**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	51-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



NTS

**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. Amendments/visions to the ESPCP which have a significant effect on BMPs with a hydraulic component require 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.

**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).

**INITIAL PHASE**

1. INSTALL STABILIZED CONSTRUCTION EXIT, IF REQUIRED.
2. INSTALL SILT FENCE(S) ON THE SITE. (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE).
3. PREPARE TEMPORARY PARKING AND STORAGE AREA AND INSTALL TEMPORARY SECURITY FENCE, IF REQUIRED.
4. INSTALL INLET PROTECTION MEASURES ON THE EXISTING DRAINAGE STRUCTURES AS INDICATED.
5. BEGIN DEMOLITION OF EXISTING FEATURES AS NOTED IN PLANS.

**INTERMEDIATE PHASE**

1. BEGIN CLEARING AND GRUBBING.
2. TEMPORARY SEED, THROUGHOUT CONSTRUCTION, DENUDE AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
3. MAINTAIN INLET PROTECTION MEASURES ON THE EXISTING DRAINAGE STRUCTURES AS INDICATED.

**FINAL PHASE**

1. PERMANENTLY STABILIZE ALL DISTURBED AREAS.
2. REMOVE TEMPORARY BMP'S.
3. INSPECTION AND MAINTENANCE REPORT FORMS ARE TO BE MAINTAINED BY THE CONTRACTOR FOR THREE YEARS FOLLOWING FINAL STABILIZATION OF THE SITE.

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY ONLY IF PRECEDING BMP'S HAVE BEEN COMPLETELY INSTALLED.

**SITE STABILIZATION AND VEGETATION PLANTING SCHEDULE**

The EPD General NPDES GARI00002 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.

**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.

**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 GARI00002 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.

**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. Solid materials, including building materials, shall not be discharged to Waters of the State, unless authorized by a Section 404 Permit.

**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 GARI00002 NPDES permit by utilizing a Certified Design Professional. No separate payment will be made for water quality sampling of pump discharges.

**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, paints, oils, curing compounds, and other construction materials.

**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".

**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.

**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 detention ponds, bioretention basins, sand filter basins, bioslopes, enhanced dry/wet swales, vegetated swales/ditches, vegetation, permanent slope drains and/or flumes, riprap at pipe outlets for velocity dissipation and outlet stabilization, channel/ditch stabilization with turf reinforcing mats, slope stabilization matting, riprap and concrete ditch lining where necessary. The postconstruction BMPs will provide permanent stabilization of the site and prevent abnormal transportation of sediment and pollutants into receiving waters.

**SOIL SERIES INFORMATION**

The following is a summary of the soils that are expected to be found on the project site:

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AgB	Ailey loamy sand, 2 to 5 percent slopes	B	15.3	0.9%
AgC	Ailey loamy sand, 5 to 8 percent slopes	B	21.8	1.2%
AgD	Ailey loamy sand, 8 to 12 percent slopes	B	39.7	2.3%
BO	Bibb and Osier soils	B/D	46.8	2.7%
DoB	Dothan loamy sand, 2 to 5 percent slopes	B	11.9	0.7%
FuC	Fuquay-Urban land complex, 2 to 8 percent slopes	C	380.2	21.5%
GnA	Goldsboro-Urban land complex	C	3.7	0.2%
Ra	Rains loamy sand	B/D	30.9	1.8%
TwB	Troup fine sand, 1 to 5 percent slopes	A	97.3	5.5%
TwD	Troup fine sand, 10 to 17 percent slopes	A	26.2	1.5%
TxC	Troup-Urban land complex, 1 to 8 percent slopes	A	742.9	42.1%
Uc	Udorthents, sandy and loamy		17.2	1.0%
Ud	Urban land		218.8	12.4%
VaC	Vauluse-Ailey complex, 5 to 8 percent slopes	C	26.4	1.5%
VaD	Vauluse-Ailey complex, 8 to 17 percent slopes	C	29.3	1.7%
VuC	Vauluse-Urban land complex, 5 to 8 percent slopes	C	26	1.5%
W	Water		20	1.1%
WeD	Wedowee fine sandy loam, 10 to 15 percent slopes	B	9.5	0.5%
Totals for Area of Interest			1,764.50	100.00%

**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.

<p>Drawing Copyright © 2020</p>  <p>6745 Sugarloaf Parkway, Suite 100              Duluth, GA 30097              770.447.8999 - www.chacompanies.com</p>	<p>NTS</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><th colspan="2">REVISION DATES</th></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	REVISION DATES												<p><b>ESPCP GENERAL NOTES</b>              WRIGHTSBORO RD RECONSTRUCTION              AND PEDESTRIAN IMPROVEMENTS              FROM MARKS CHURCH RD TO HIGHLAND AVENUE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">CHECKED:</td> <td style="width: 33%;">DATE:</td> <td style="width: 34%;">DRAWING No.</td> </tr> <tr> <td>BACKCHECKED:</td> <td>DATE:</td> <td rowspan="3" style="text-align: center; font-size: 24pt; vertical-align: middle;">51-0002</td> </tr> <tr> <td>CORRECTED:</td> <td>DATE:</td> </tr> <tr> <td>VERIFIED:</td> <td>DATE:</td> </tr> </table>	CHECKED:	DATE:	DRAWING No.	BACKCHECKED:	DATE:	51-0002	CORRECTED:	DATE:	VERIFIED:	DATE:
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**SEDIMENT STORAGE**

The site has a total disturbed area of 5.25 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	Disturbed Area	Required Sediment Storage Volume	Total Storage Volume Provided	Temporary Sediment Basins		Check Dams (6 yd <sup>3</sup> /each)		Inlet Sediment Traps (8 yd <sup>3</sup> /each)		Silt Gates (5 yd <sup>3</sup> /each)		Silt Fence (0.3 yd <sup>3</sup> /ft)	
	(acres)	(acres)	(yd <sup>3</sup> )	(yd <sup>3</sup> )	Basin #	Total Volume (yd <sup>3</sup> )	# of Devices	Total Volume (yd <sup>3</sup> )	# of Devices	Total Volume (yd <sup>3</sup> )	# of Devices	Total Volume (yd <sup>3</sup> )	Length (ft)	Total Volume (yd <sup>3</sup> )
Outfall 1	4.0957	0.3529	274	348	N/A	N/A	N/A	N/A	9	72	0	0	921	276
Outfall 2	7.2569	0.6786	486	758	N/A	N/A	N/A	N/A	16	128	0	0	2099	630
Outfall 3	5.7662	0.6398	386	485	N/A	N/A	N/A	N/A	13	104	0	0	1270	381
Outfall 4	4.4777	0.504	300	435	N/A	N/A	N/A	N/A	14	112	0	0	1076	323
Outfall 5	5.4389	0.9352	364	713	N/A	N/A	N/A	N/A	18	144	0	0	1898	569
Outfall 6	1.0502	0.2002	70	164	N/A	N/A	N/A	N/A	3	24	0	0	468	140
Outfall 7	1.6326	0.2499	109	274	N/A	N/A	N/A	N/A	6	48	0	0	753	226
Outfall 8	7.6996	1.2974	516	1181	N/A	N/A	N/A	N/A	36	288	0	0	2976	893
Outfall 9	1.3737	0.1549	92	273	N/A	N/A	N/A	N/A	8	64	0	0	697	209
Outfall 10	0.7117	0.0895	48	32	N/A	N/A	N/A	N/A	4	32	0	0	0	0
Outfall 11	1.2526	0.1443	84	55	N/A	N/A	N/A	N/A	4	32	0	0	76	23

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.

Sediment basins will not be utilized at outfall locations due to Right-of-Way limitations. Land disturbance activities associated with the constructing and removing sediment basins would cause adverse impacts. Adequate sediment storage is obtained for Outfalls 1, 2, 3, 4, 5, 6, 7, 8, & 9 with the use of silt fence, check dams and sediment traps. Sediment storage could not be attained at Outfalls 10 & 11 due to and unsuitable topography and limited Right-of-Way. BMP's as shown on the Erosion Control Plans will be adequate to control sediment runoff at these locations.

**USE OF ALTERNATIVE AND/OR ADDITIONAL BMPs:**

No alternative or additional BMPs will be used on this project.

**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 34.59 acres.											Representative Sampling Scheme				
SAMPLING INFORMATION											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 <sup>2</sup> )	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	100+00, 39' LT	Tributary #1 to Rocky Creek	All	Project Outfall	1.59	1.6713	Warm	50	N/A	End of Pipe	Sidewalk	N/A	N/A	9	2, 3, 4, 5, 6, 7, 8, 9, 10, 11

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.

**INSPECTIONS AND REPORTING**

As the primary permittee, the Department 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 GARI00002 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 Department'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 Department 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 Department 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 Department 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.

**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.

**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 GARI00002.



NTS

**REVISION DATES**


**ESPCP GENERAL NOTES**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No. <b>51-0003</b>
BACKCHECKED:	DATE:	
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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 	
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 	
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.
		SYMBOL 	THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
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.
		SYMBOL 	THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.

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 	
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.
		PATTERN 	THE BMP PATTERN FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
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!
		SYMBOL 	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.
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.
		PATTERN 	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.

**NOTE:**

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- 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".

	NO SCALE	REVISION DATES		EROSION CONTROL LEGEND	
		3/2/2017		UNIFORM CODE SHEET	
				SHEET 1 OF 7	
				CHECKED: D. EAGLETON	DATE: 01/20/16
				BACKCHECKED:	DATE:
				CORRECTED:	DATE:
				VERIFIED:	DATE:
				DRAWING No. 52-0001	

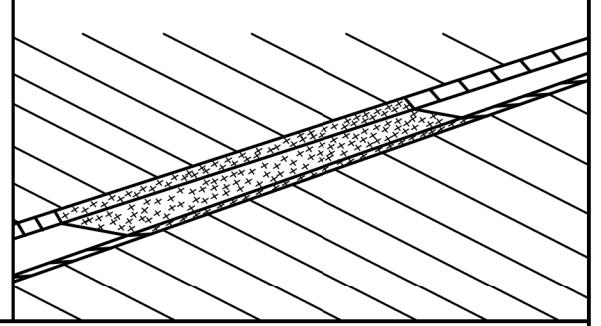
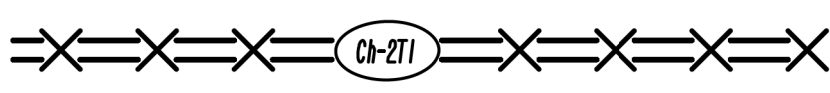
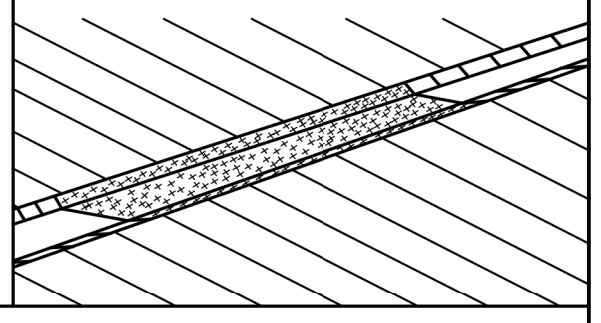
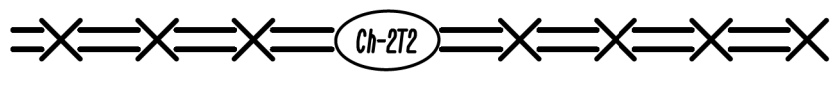
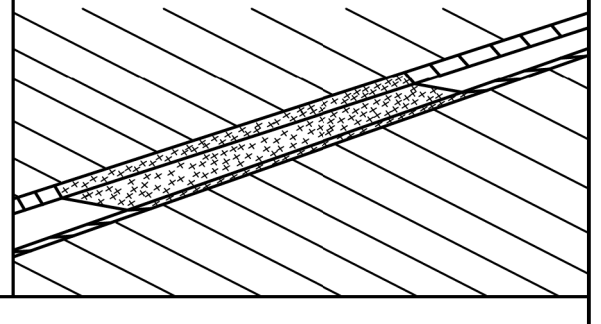
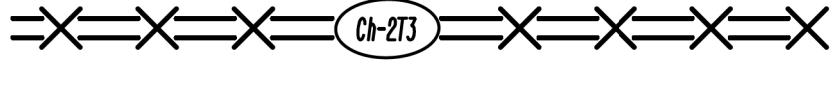
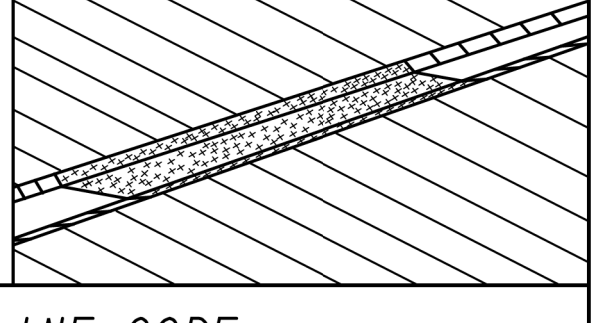
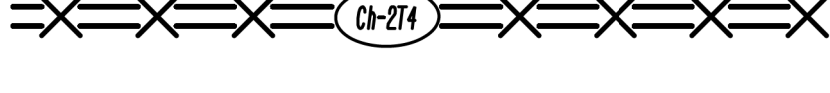
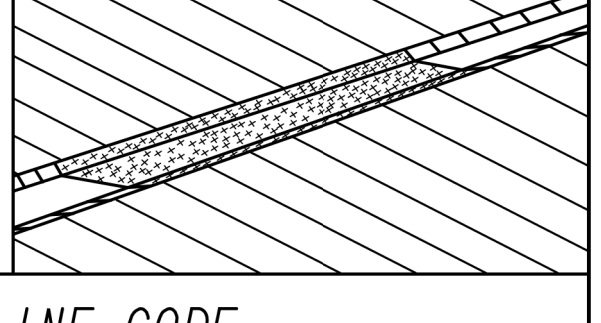
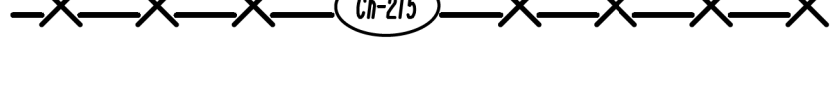
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ss	SLOPE STABILIZATION CONSTRUCTION DETAIL D-35 SECTION 716		SLOPE STABILIZATION (EROSION CONTROL MATTING) IS A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION ON STEEP SLOPES, SHORE LINES, OR CHANNELS.  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.
		PATTERN 	
Tac	TACKIFIERS SECTION 163, 700, 895		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.
		SYMBOL 	POLYACRYLAMIDE
Cd-F	FABRIC CHECK DAM CONSTRUCTION DETAIL D-24D SECTION 171		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.
		SYMBOL 	
Cd-Fs	COMPOST FILTER SOCK CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163		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.
		SYMBOL 	
Cd-Hb	BALED STRAW CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163		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.
		SYMBOL 	

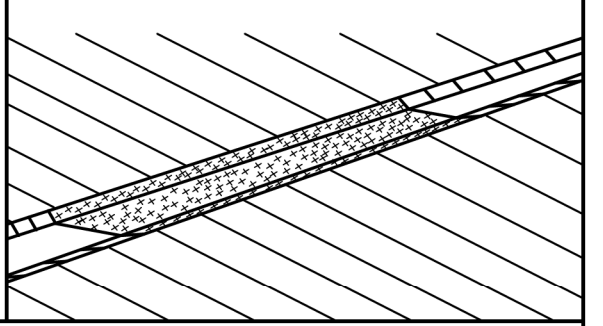
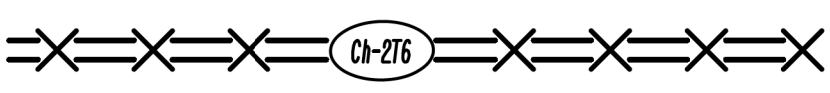
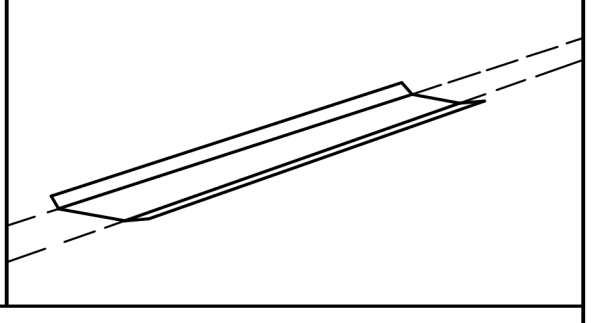
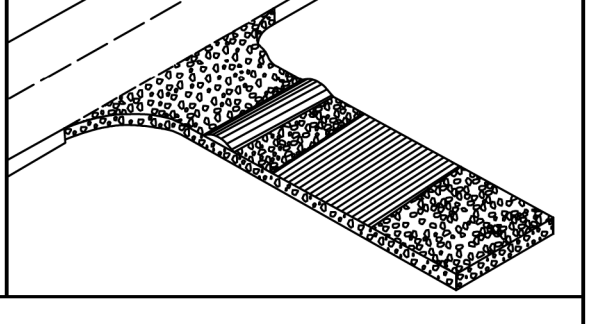
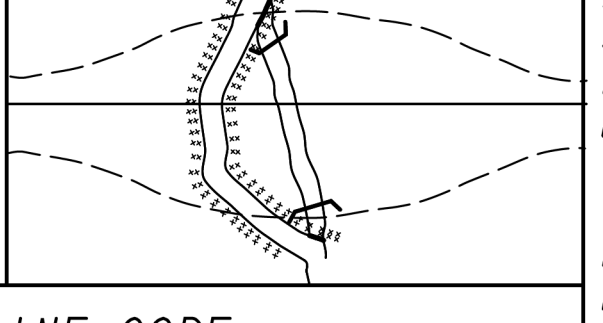
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Cd-S	STONE CHECK DAM OR SANDBAG CHECK DAM CONSTRUCTION DETAIL D-56 SECTION 163, 603		STONE CHECK DAMS ARE CONSTRUCTED OF TYPE-3 RIP-RAP WITH GEOTEXTILE UNDERLINER. STONE CHECK DAMS ARE PREFERRED IN ROADWAY DITCHES OUTSIDE THE CLEAR ZONE. CONSIDERATION 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.
		SYMBOL 	
Ch-1	VEGETATED CHANNEL STABILIZATION SECTION 700		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.
		LINE CODE 	
Ch-2R1	CHANNEL STABILIZATION RIP-RAP, TYPE 1 CONSTRUCTION DETAIL D-49 SECTION 603		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.
		LINE CODE 	
Ch-2R3	CHANNEL STABILIZATION RIP-RAP, TYPE 3 CONSTRUCTION DETAIL D-49 SECTION 603		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.
		LINE CODE 	

**NOTE:**

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- 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".

	NO SCALE	REVISION DATES		EROSION CONTROL LEGEND	
		3/2/2017	11/28/2018	UNIFORM CODE SHEET	
				SHEET 2 OF 7	
				CHECKED: D. FAGIFTON	DATE: 01/20/16
				BACKCHECKED:	DATE:
				CORRECTED:	DATE:
				VERIFIED:	DATE:
				DRAWING No. 52-0002	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T1	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		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.
		LINE CODE 	"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		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.
		LINE CODE 	"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		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.
		LINE CODE 	"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		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.
		LINE CODE 	"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		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.
		LINE CODE 	"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		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.
		LINE CODE 	"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		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.
	CONSTRUCTION DETAIL D-10, D-49 SECTION 441		"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		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.
	CONSTRUCTION DETAIL D-41 SECTION 163, 800		ALL CONSTRUCTION EXIT REQUIREMENTS ARE INCLUDED IN THE PRICE OF THE CONSTRUCTION EXIT.
Dc-A	STREAM DIVERSION CHANNEL GEOTEXTILE, POLYETHYLENE FILM		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 Sd1-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.
	SECTION 163		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:**

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- 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".



NO SCALE

REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET	
		SHEET 3 OF 7	
CHECKED:	D. EAGLETON	DATE:	01/01/16
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		DRAWING No. 52-0003	

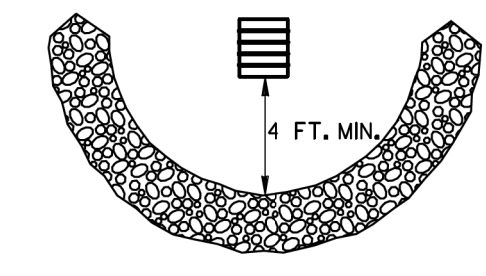
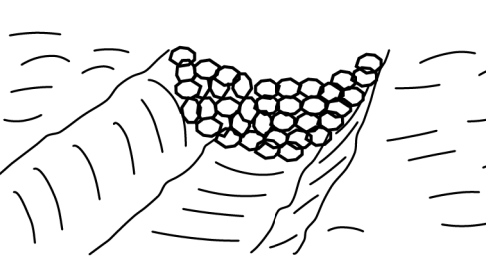
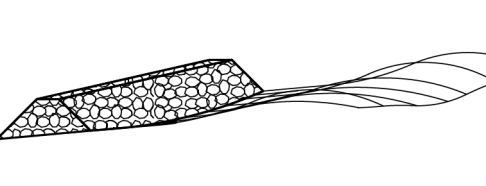
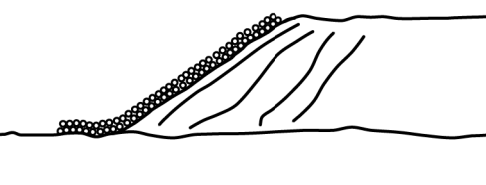
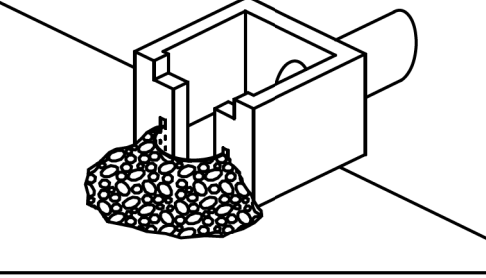
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dc-B	STREAM DIVERSION CHANNEL GEOTEXTILE ONLY SECTION 163		A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE ONLY. INSTALL TWO ROWS OF Sd1-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.
	LINE CODE		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		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 Sd1-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.
	LINE CODE		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		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 "Dn1" OR CATCHMENT AREAS AND ON ALL GRADING PROJECTS.
	LINE CODE		
DI-2	DIVERSION CHANNEL SECTION 205		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.
	LINE CODE		RUNOFF FROM DISTURBED AREAS WITHIN THE PROJECT AREA SHALL NOT BE ALLOWED TO CONVERGE WITH OFFSITE RUNOFF WITHIN THIS DIVERSION.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE FLEXIBLE CONSTRUCTION DETAIL D-19 SECTION 163		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'.
	LINE CODE		THE OUTLET AREA SHALL BE STABILIZED FOR VELOCITY DISSIPATION AND EROSION CONTROL.

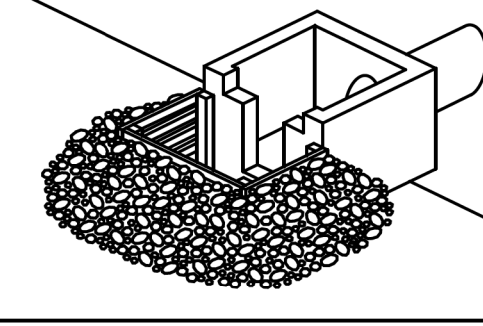
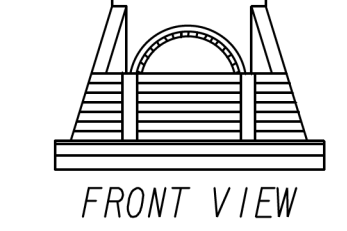
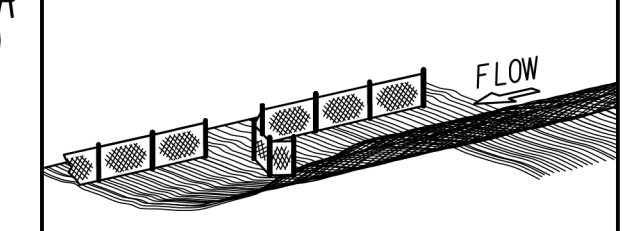
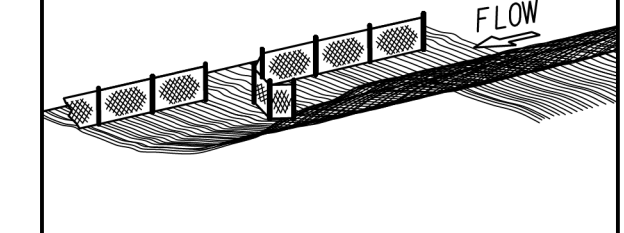
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dn2-A	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441		A CONCRETE FLUME TYPE "A" IS USED TO DIRECT SURFACE RUNOFF DOWN A ROADWAY SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN ALL DEPRESSED AREAS WHERE WATER WILL 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).
	LINE CODE		
Dn2-B	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441		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).
	LINE CODE		
Dn2-1	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TPI, 9017J TPI, DETAIL D-26 TPI SECTION 576, 577		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).
	LINE CODE		
Dn2-2	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP2, 9017J TP2, DETAIL D-26 TP2 SECTION 576, 577		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).
	LINE CODE		

**NOTE:**

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- 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".

	NO SCALE	<b>EROSION CONTROL LEGEND</b> UNIFORM CODE SHEET SHEET 4 OF 7											
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CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Fr	FILTER RING  CONSTRUCTION DETAIL D-46 SECTION 163		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.
	SYMBOL		
Rd	ROCK FILTER DAM  CONSTRUCTION DETAIL D-43 SECTION 163, 603		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.
	SYMBOL		
Rd-B	STONE FILTER BERM  CONSTRUCTION DETAIL D-50 SECTION 163, 603		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.
	LINE CODE		
Rp	RIP-RAP  SECTION 603		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.
	PATTERN		
Rt-P	RETROFITTING PERFORATED HALF-ROUND PIPE  CONSTRUCTION DETAIL D-44 SECTION 163		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.
	SYMBOL		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION		
Rt-B	RETROFITTING SLOTTED BOARD DAM  CONSTRUCTION DETAIL D-45 SECTION 163		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.		
	SYMBOL				
Rt-Sg1	RETROFITTING SILT CONTROL GATES  CONSTRUCTION DETAIL D-20 SECTION 163		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		
				SYMBOL	
SdI-NS	SEDIMENT BARRIER (NON-SENSITIVE) SILT FENCE TYPE A  CONSTRUCTION DETAIL D-24 SECTION 171		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.		
	LINE CODE				
SdI-S	SEDIMENT BARRIER (SENSITIVE) SILT FENCE TYPE C  CONSTRUCTION DETAIL D-24 SECTION 171		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.		
	LINE CODE				


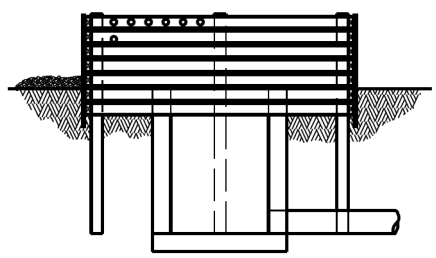
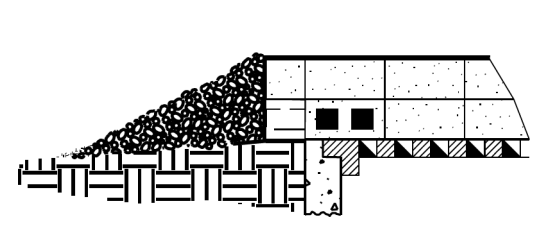
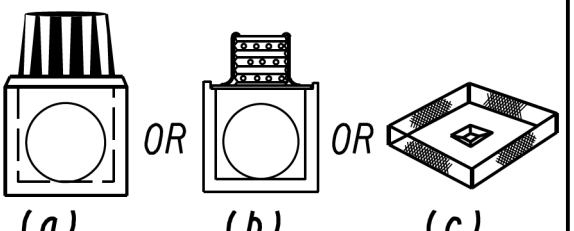
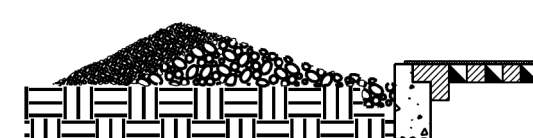
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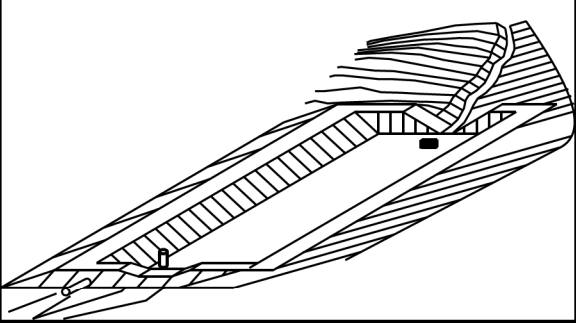
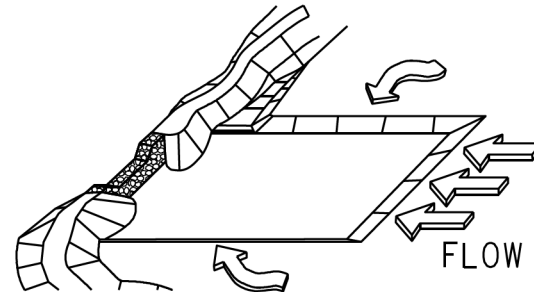
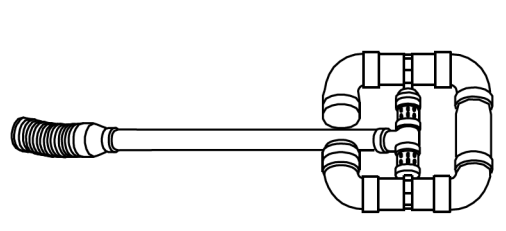
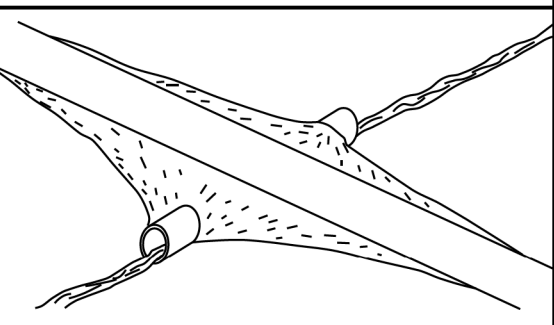
- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'.



NO SCALE

REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET	
		SHEET 5 OF 7	
CHECKED:	D. FAGIFTON	DATE:	01/2017/16
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
		DRAWING No. 52-0005	

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		

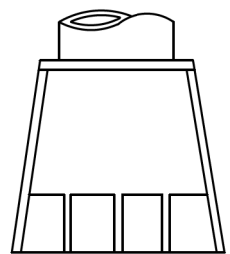
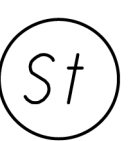
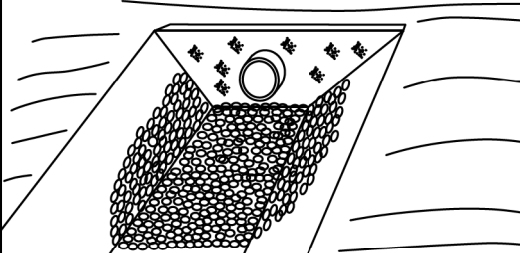
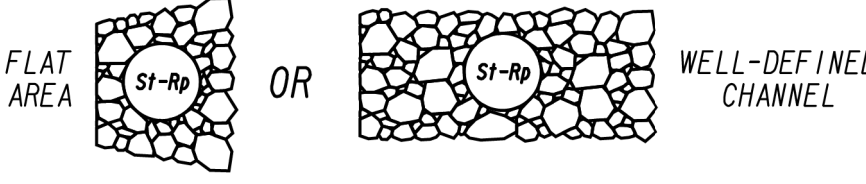
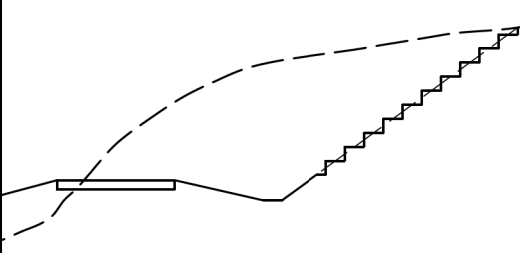
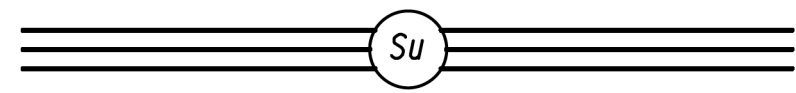
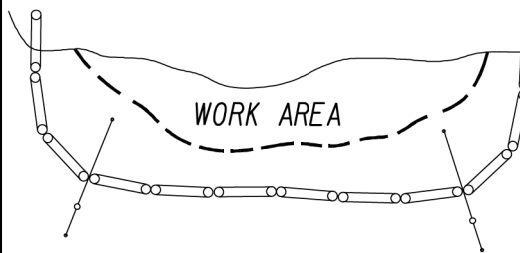
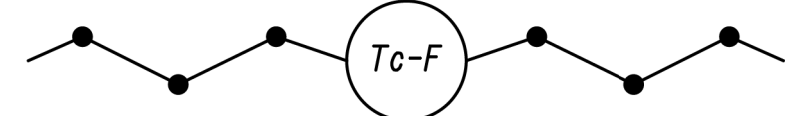
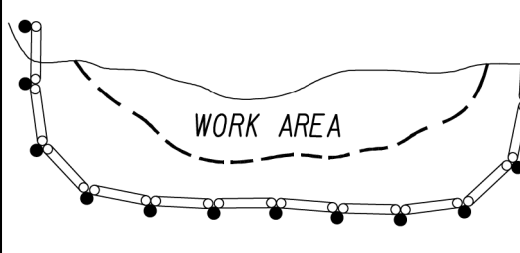
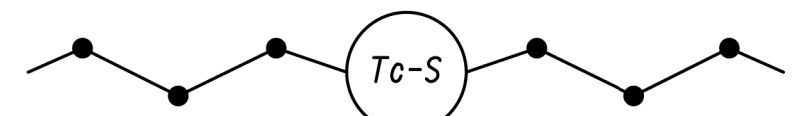
**NOTE:**

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- 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".



NO SCALE


REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET	
11/28/2018		SHEET 6 OF 7	
CHECKED:	D. EAGLETON	DATE:	01/01/16
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
		DRAWING No.	
		52-0006	

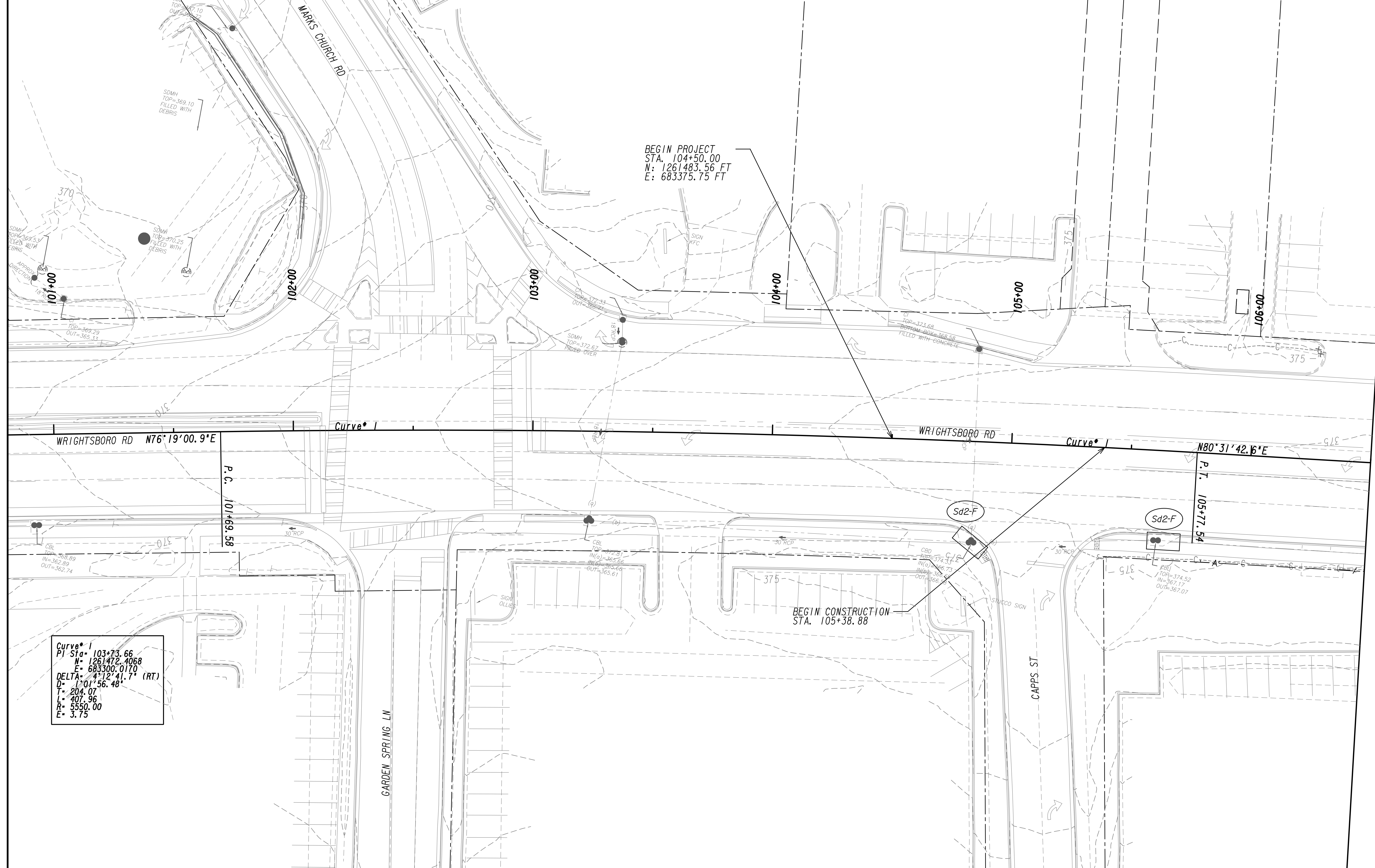
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
St	STORM DRAIN OUTLET PROTECTION GA. STD. 1125 & 2332		A PIPE OR BOX CULVERT OUTLET HEADWALL WITH AN APRON AND DISSIPATOR BLOCKS IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE 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-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.
		PATTERN 	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.
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.
		LINE CODE 	IT MAY ALSO BE REFERRED TO AS A FLOATING BOOM, SILT BARRIER, OR SILT CURTAIN.
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.
		LINE CODE 	IT MAY BE REFERRED TO AS A SILT BARRIER OR SILT CURTAIN.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION

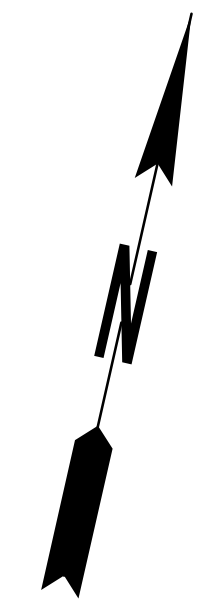
**NOTE:**

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- 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".

	NO SCALE	REVISION DATES		EROSION CONTROL LEGEND	
		3/2/2017		UNIFORM CODE SHEET	
				SHEET 7 OF 7	
				CHECKED: D. FAGLETON	DATE: 01/2017/16
				BACKCHECKED:	DATE:
				CORRECTED:	DATE:
				VERIFIED:	DATE:
				DRAWING No. 52-0007	



MATCH LINE STA. 106+50 SEE DRAWING NO. 54-1-0002



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

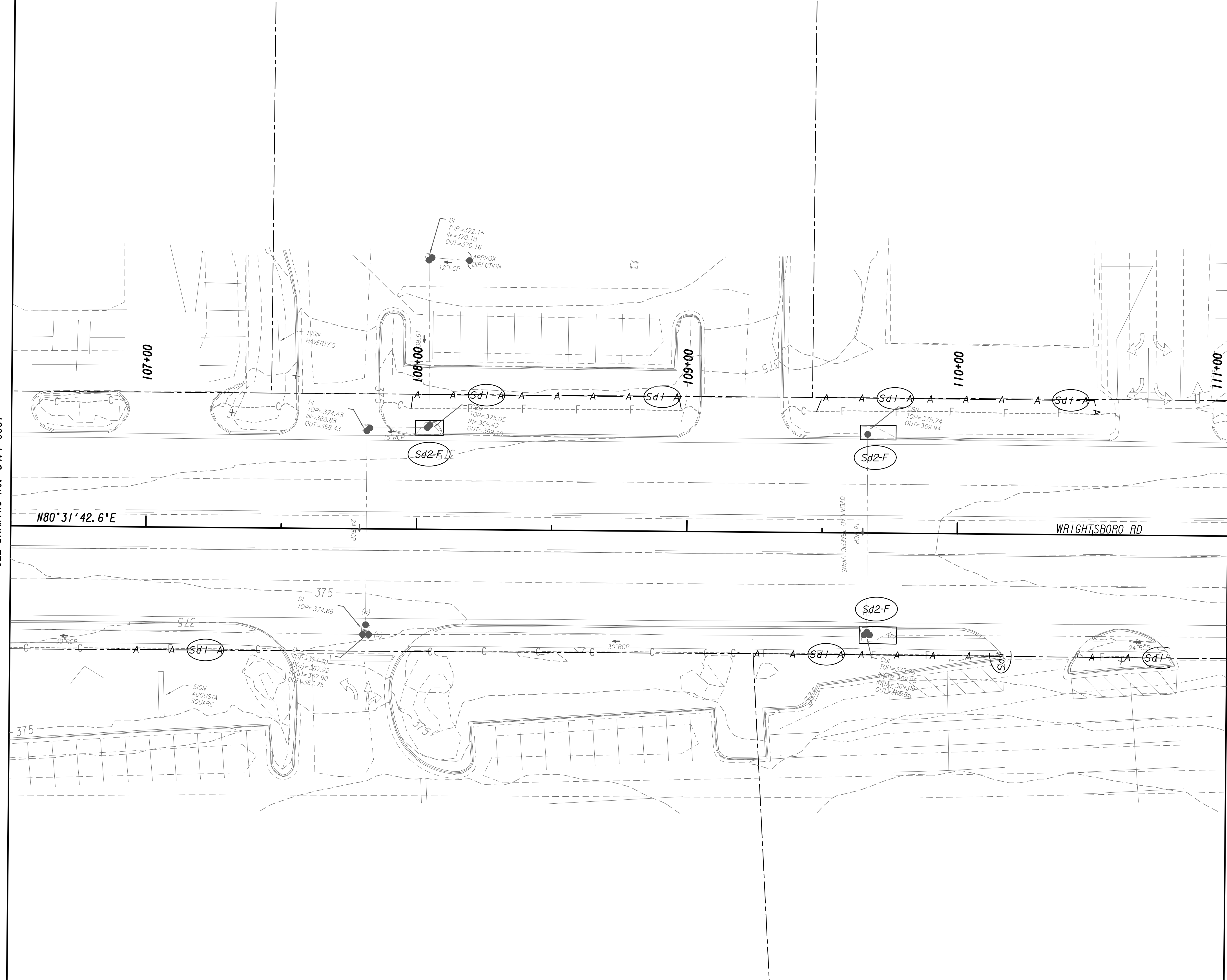
--- P --- BEGIN LIMIT OF ACCESS.....BLA  
 --- END LIMIT OF ACCESS.....ELA  
 --- LIMIT OF ACCESS  
 --- REQ'D R/W & LIMIT OF ACCESS  
 --- ORANGE BARRIER FENCE  
 --- ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-1-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



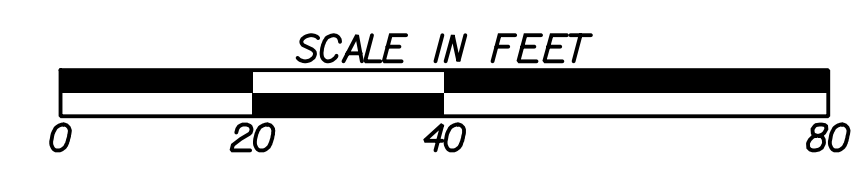


MATCH LINE STA. 106+50  
SEE DRAWING No. 54.1-0001

MATCH LINE STA. 111+00  
SEE DRAWING No. 54.1-0003

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

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



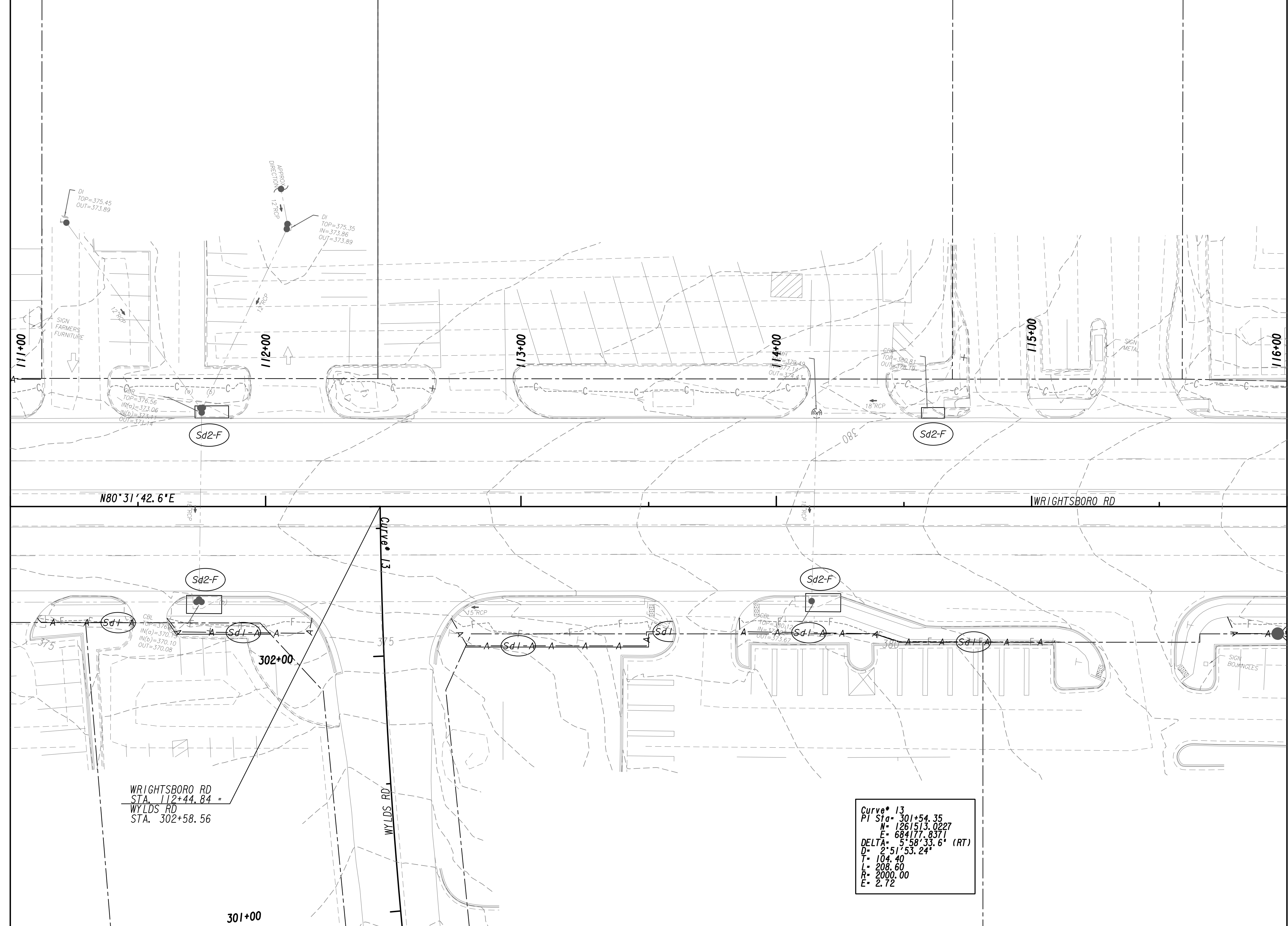
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
VERIFIED:	DATE:		
DRAWING No.			54.1-0002



MATCH LINE STA. 111+00  
SEE DRAWING No. 54.1-0002

MATCH LINE STA. 116+00  
SEE DRAWING No. 54.1-0004



$N80^{\circ}31'42.6^{\circ}E$

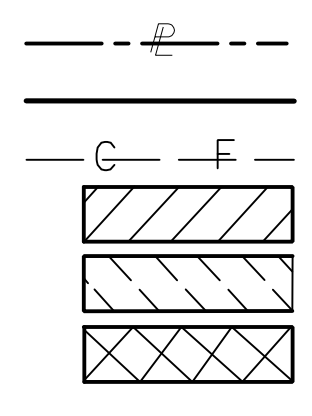
WRIGHTSBORO RD

WRIGHTSBORO RD  
STA. 112+44.84 =  
WYLD'S RD  
STA. 302+58.56

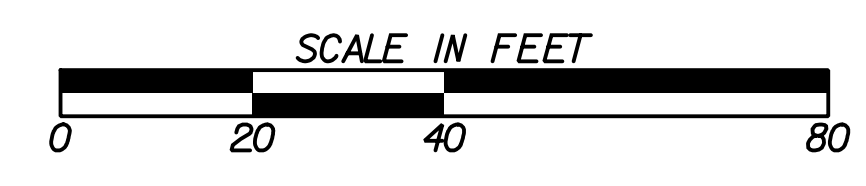
Curve\* 13  
WYLD'S RD  
WYLD'S RD

Curve\* 13  
PI STA= 301+54.35  
H= 126/513.0227  
E= 684/171.8371  
DELTA= 5'58'33.6" (RT)  
D= 2'51'53.24"  
T= 104.40  
L= 208.60  
R= 2000.00  
E= 2.72

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

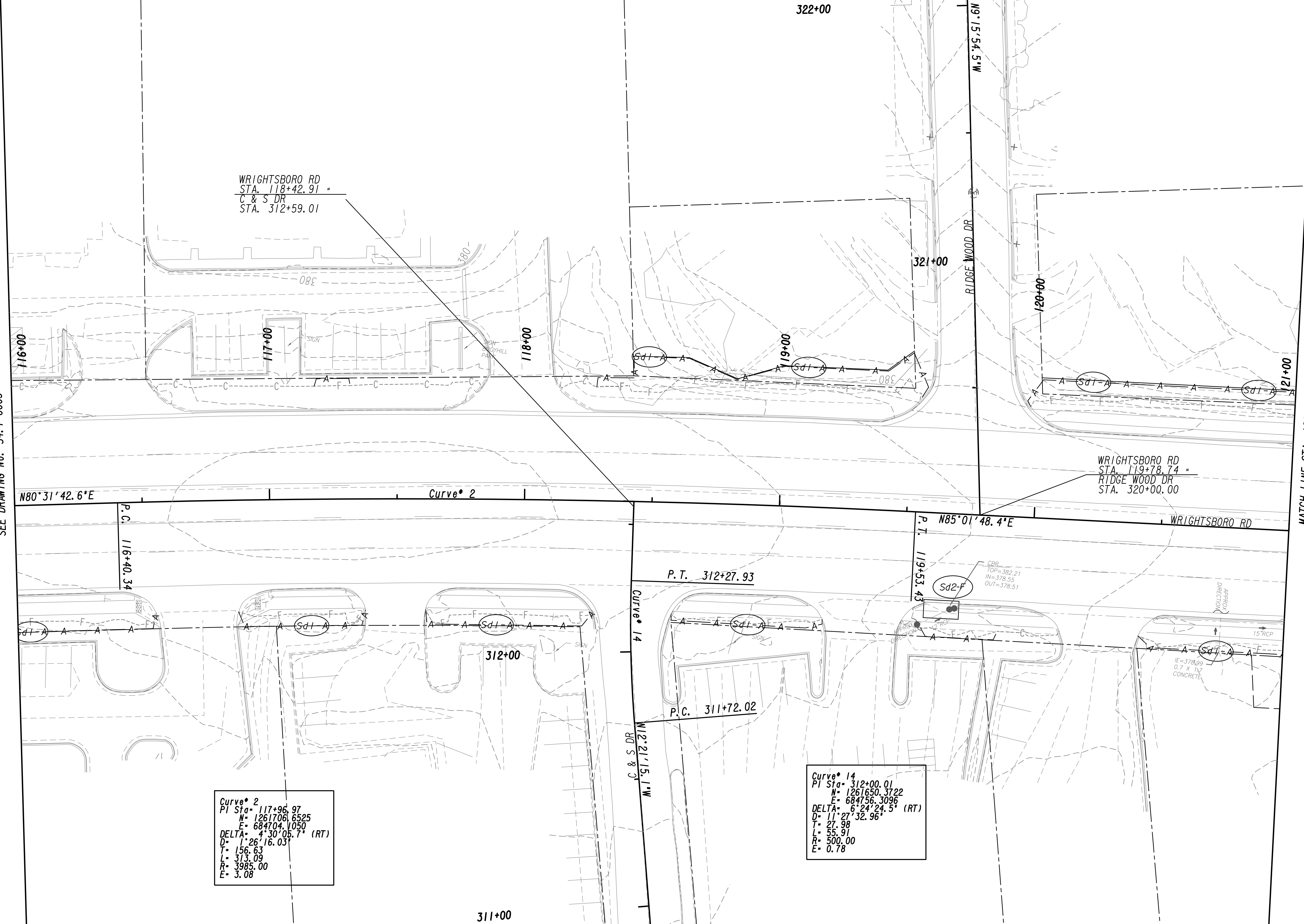


BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0003



MATCH LINE STA. 116+00  
SEE DRAWING No. 54.1-0003

MATCH LINE STA. 321+00  
SEE DRAWING No. 54.1-0005

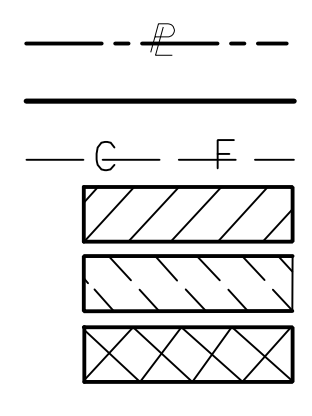
WRIGHTSBORO RD  
STA. 118+42.91 =  
C & S DR  
STA. 312+59.01

WRIGHTSBORO RD  
STA. 119+78.74 =  
RIDGE WOOD DR  
STA. 320+00.00

Curve\* 2  
PI Sta= 117+96.97  
N= 1261706.6525  
E= 684704.1050  
DELTA= 4°30'05.7" (RT)  
D= 1'26"18.03"  
L= 156.63  
T= 313.09  
R= 3985.00  
E= 3.08

Curve\* 14  
PI Sta= 312+00.01  
N= 1261650.3722  
E= 684756.3096  
DELTA= 6°24'24.5" (RT)  
D= 11'27"32.96"  
L= 27.99  
T= 55.91  
R= 500.00  
E= 0.78

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

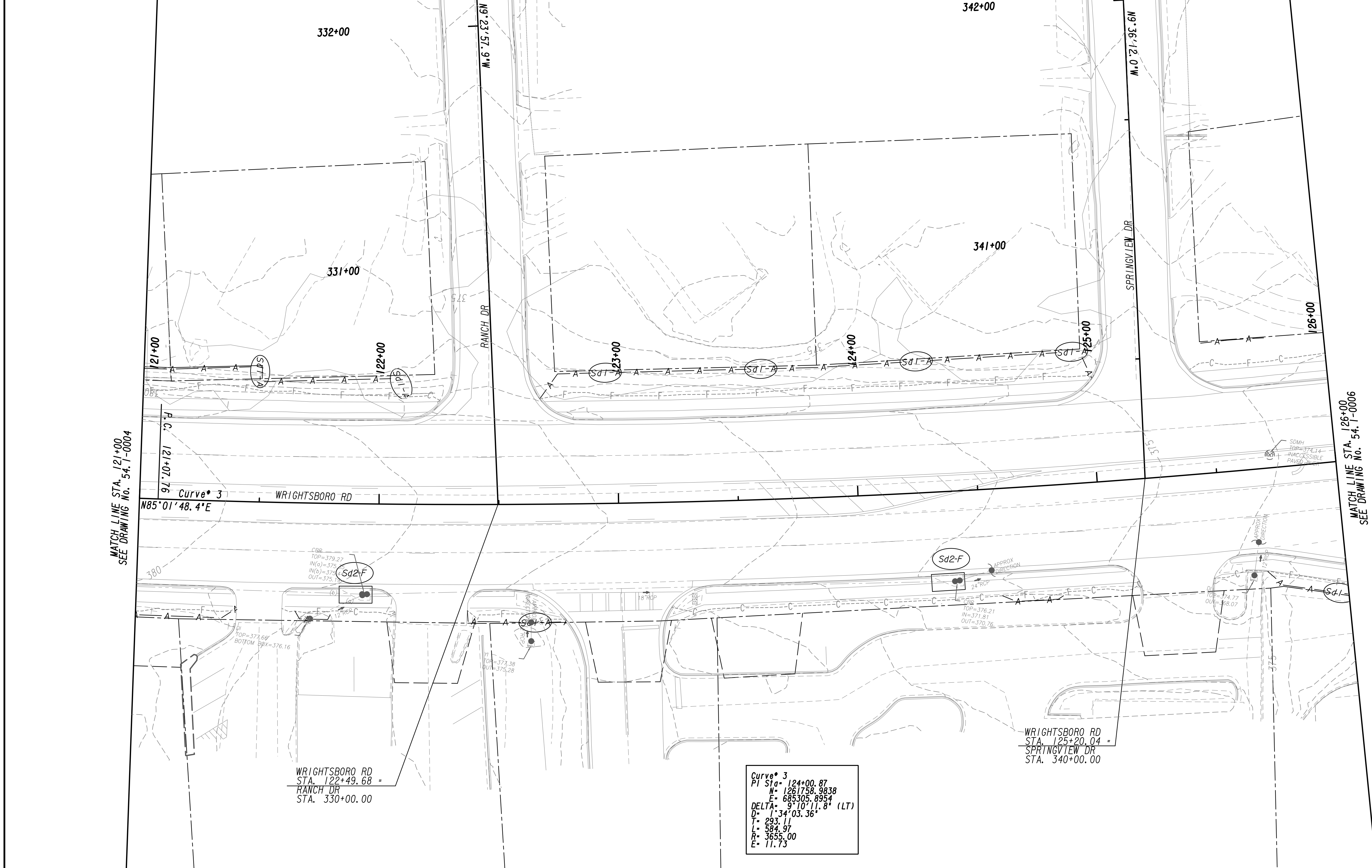


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REVISION DATES	

BMP LOCATION DETAILS WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0004



MATCH LINE STA. 121+00  
SEE DRAWING NO. 54-1-0004

MATCH LINE STA. 126+00  
SEE DRAWING NO. 54-1-0006

WRIGHTSBORO RD  
STA. 122+49.68 =  
RANCH DR  
STA. 330+00.00

WRIGHTSBORO RD  
STA. 125+20.04 =  
SPRINGVIEW DR  
STA. 340+00.00

Curve\* 3  
PI Sta. 124+00.87  
N= 1261758.9838  
E= 685305.8954  
DELTA= 9°10'11.8" (LT)  
D= 1°34'03.36"  
T= 293.11  
L= 584.97  
R= 3655.00  
E= 11.73

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

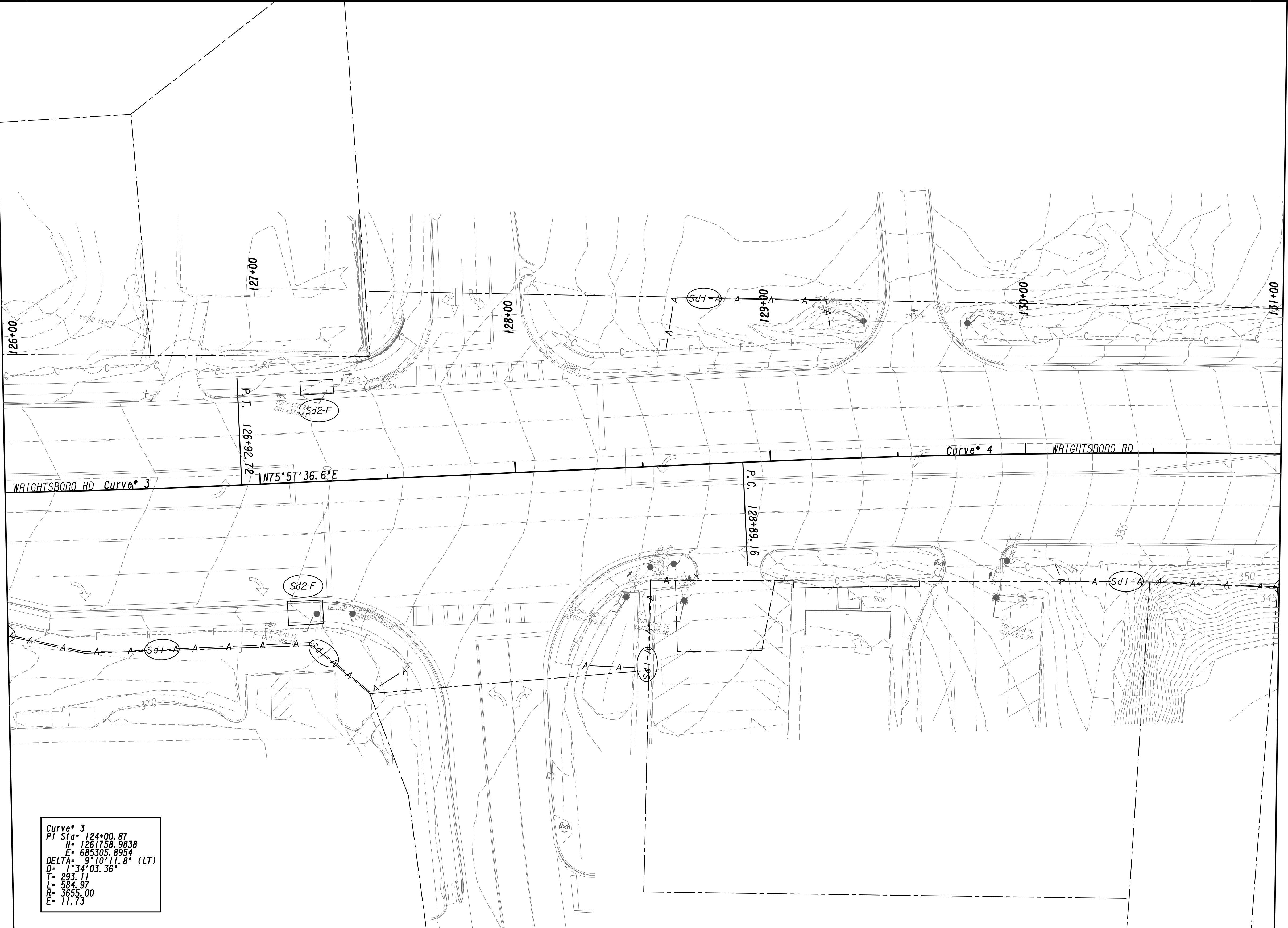


REVISION DATES	

BMP LOCATION DETAILS WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54-1-0005	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

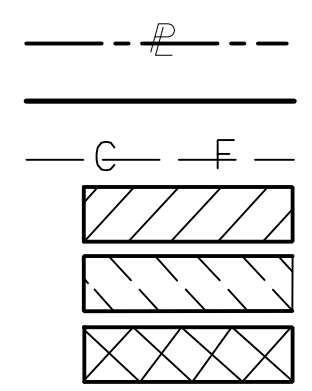
MATCH LINE STA. 126+00  
SEE DRAWING No. 54.1-0005

MATCH LINE STA. 131+00  
SEE DRAWING No. 54.1-0007



Curve 3  
 PI Sta = 124+00.87  
 N = 1261758.9838  
 E = 685305.8954  
 DELTA = 9°10'11.8" (LT)  
 D = 34'03.36"  
 T = 293.11  
 L = 584.97  
 R = 3655.00  
 E = 11.73

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

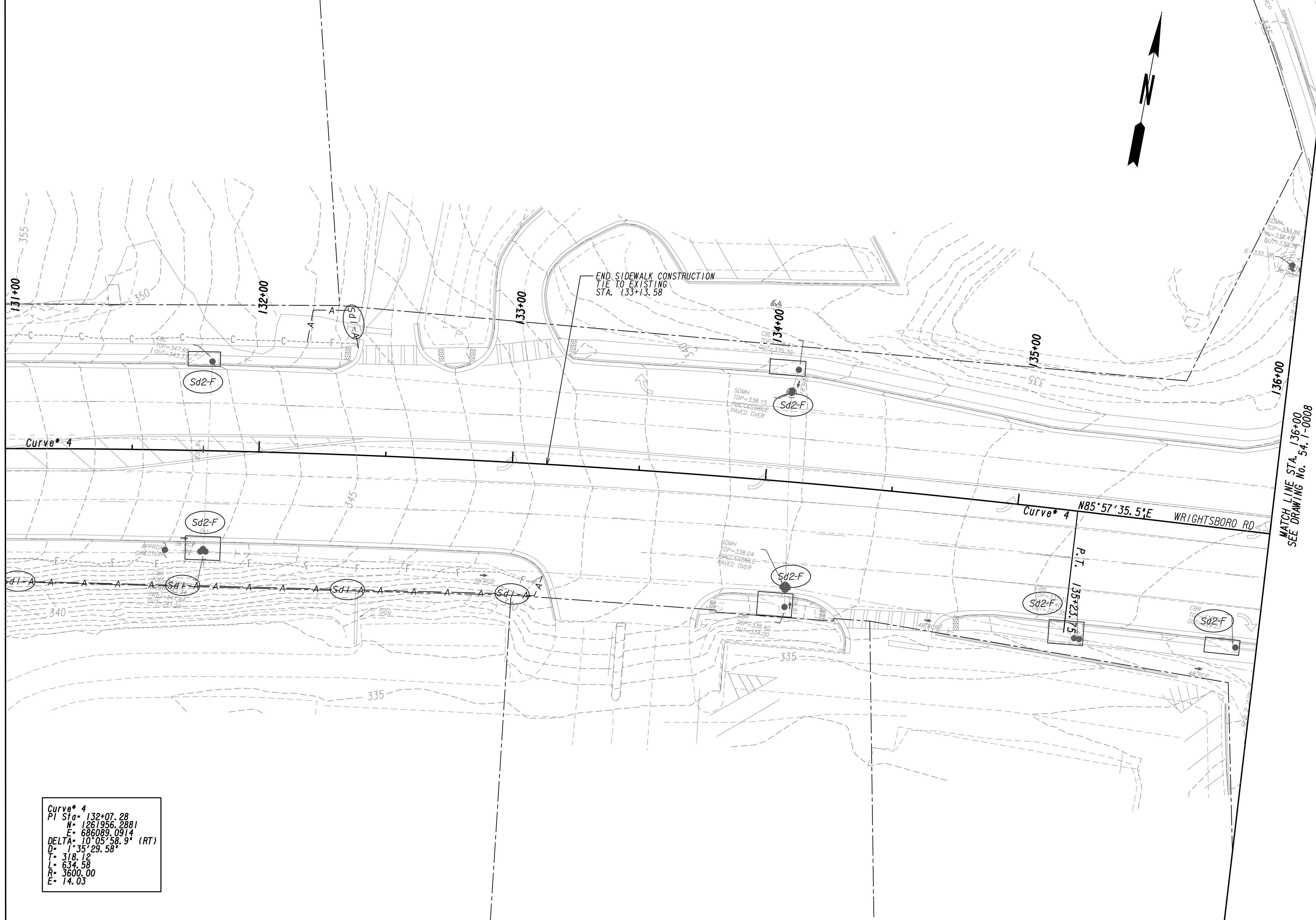


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0006



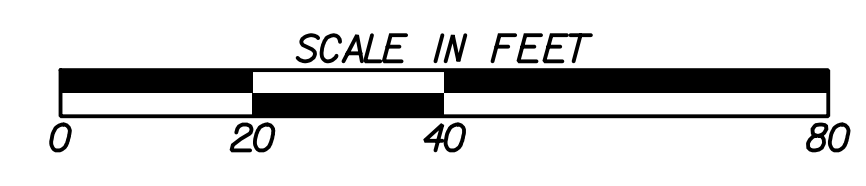
MATCH LINE STA. 131+00  
SEE DRAWING No. 54.1-0006

MATCH LINE STA. 136+00  
SEE DRAWING No. 54.1-0008

Curve\* 4  
 PI Sta= 132+07.28  
 N= 1261956.2881  
 E= 686089.0914  
 DELTA= 101°05'58.9" (RT)  
 D= 1'38"29.58"  
 L= 318.12  
 R= 634.58  
 E= 14.03

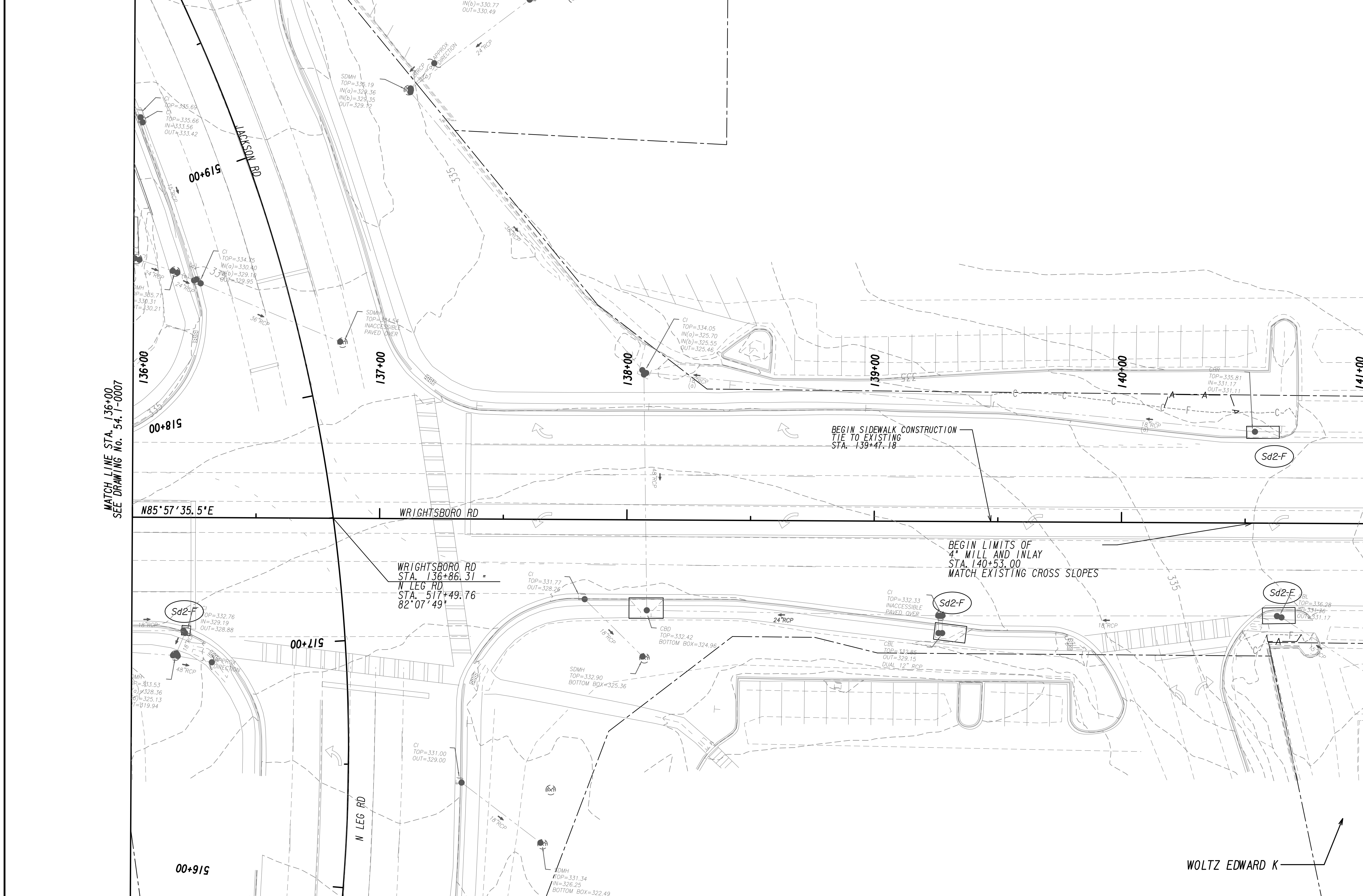
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

---P--- BEGIN LIMIT OF ACCESS.....BLA  
 ---ELA 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)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	BACKCHECKED:	DATE:
CORRECTED:	DATE:	CORRECTED:	DATE:
VERIFIED:	DATE:	VERIFIED:	DATE:
DRAWING No.			54.1-0007



MATCH LINE STA. 136+00  
SEE DRAWING No. 54.1-0007

MATCH LINE STA. 141+00  
SEE DRAWING No. 54.1-0009

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

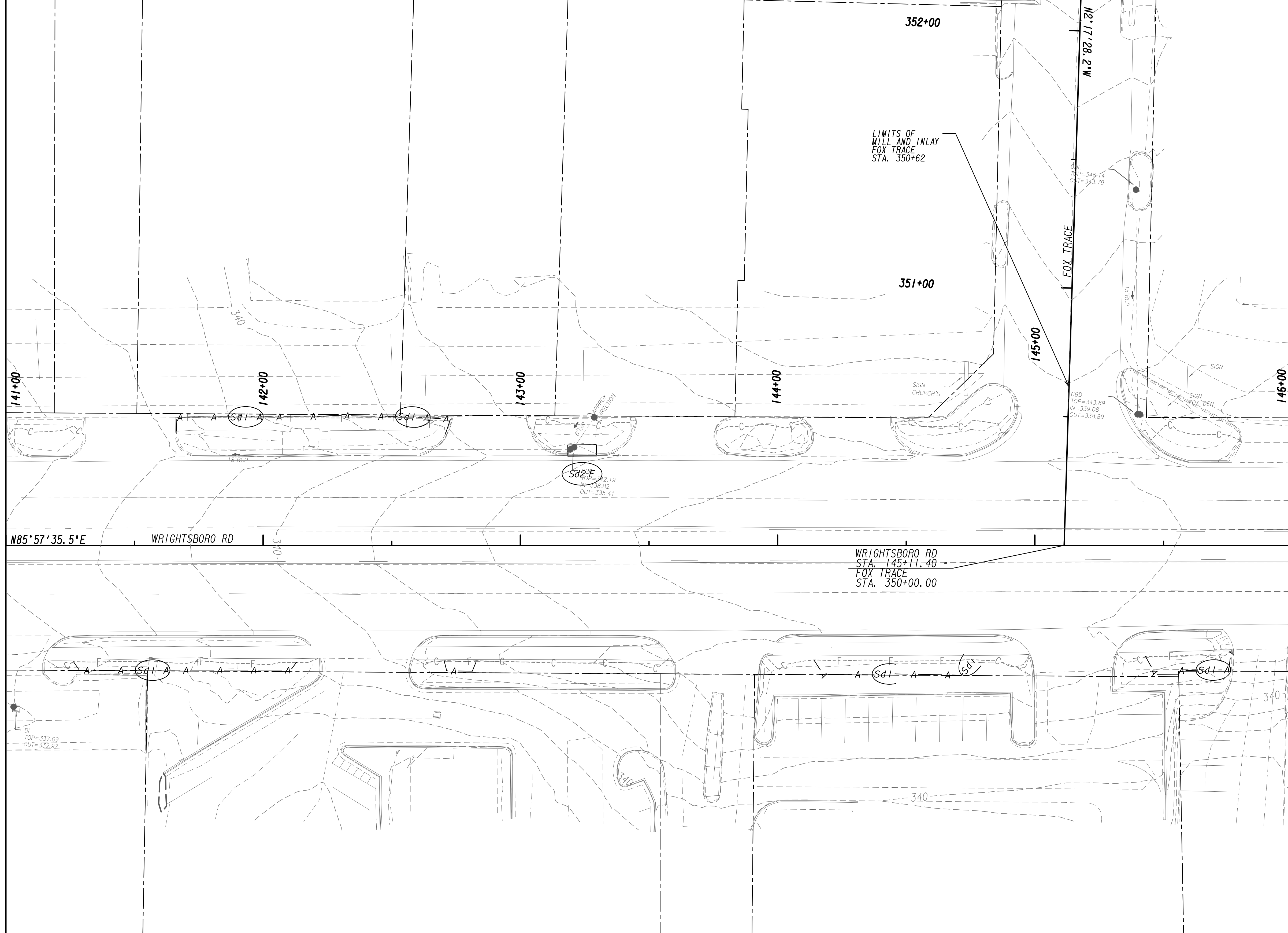
**BMP LOCATION DETAILS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
INITIAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.1-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	

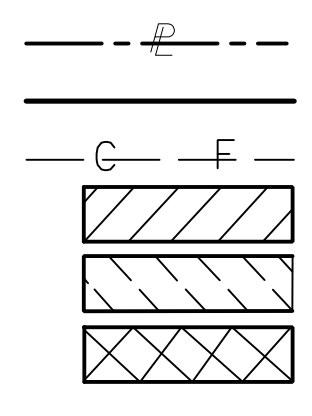


MATCH LINE STA. 141+00  
SEE DRAWING NO. 54.1-0008

MATCH LINE STA. 146+00  
SEE DRAWING NO. 54.1-0010



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



REVISION DATES	

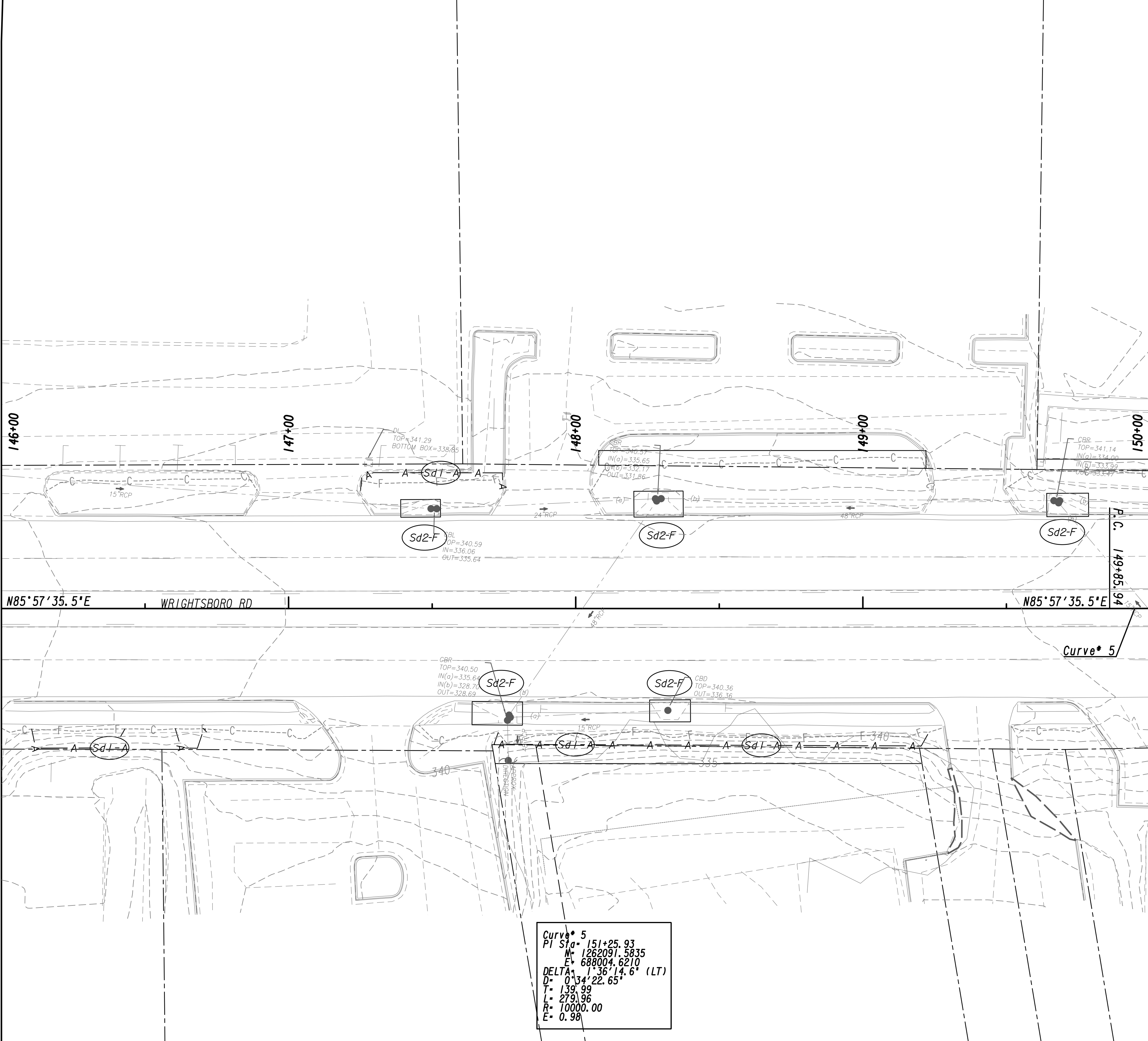
BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0009





MATCH LINE STA. 146+00  
SEE DRAWING No. 54.1-0009

MATCH LINE STA. 150+00  
SEE DRAWING No. 54.1-0011



Curve\* 5  
 PI Sta= 151+25.93  
 M= 1262091.5835  
 E= 688004.6210  
 DELTA= 1°36'14.6" (LT)  
 D= 0'34" 22.65"  
 T= 139.99  
 L= 279.96  
 R= 10000.00  
 E= 0.98

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

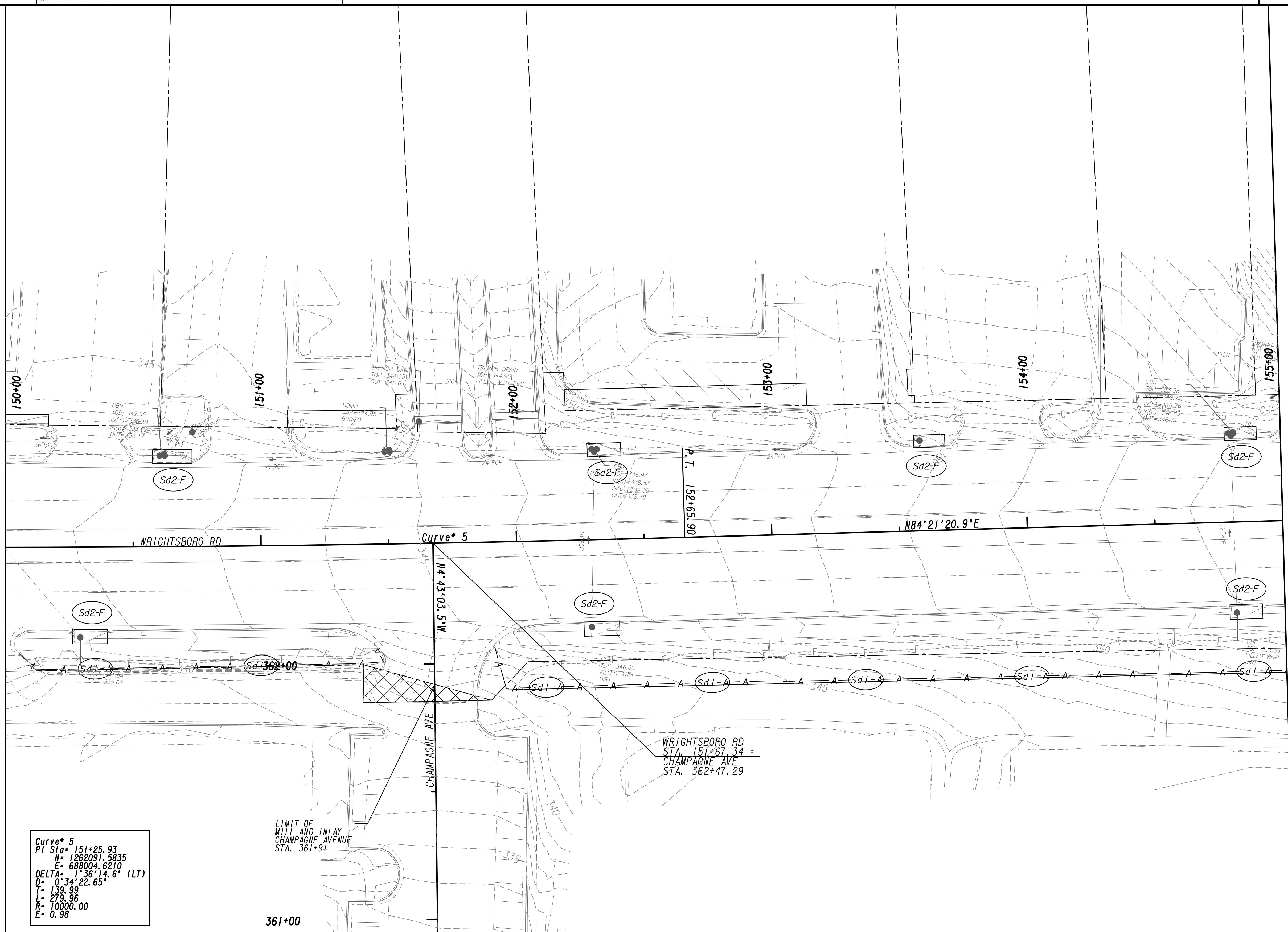
**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 INITIAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.1-0010
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 150+00  
SEE DRAWING No. 54.1-0010

MATCH LINE STA. 155+00  
SEE DRAWING No. 54.1-0012



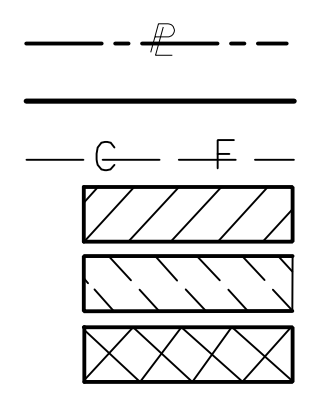
**Curve\* 5**

PI Sta	= 151+25.93
N	= 1262091.5835
E	= 688004.6210
DELTA	= 1°36'14.6" (LT)
D	= 0°34'22.65"
T	= 139.99
L	= 279.96
R	= 10000.00
E	= 0.98

LIMIT OF WILL AND INLAY  
CHAMPAGNE AVENUE  
STA. 361+91

WRIGHTSBORO RD  
STA. 151+67.34 =  
CHAMPAGNE AVE  
STA. 362+47.29

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)



REVISION DATES

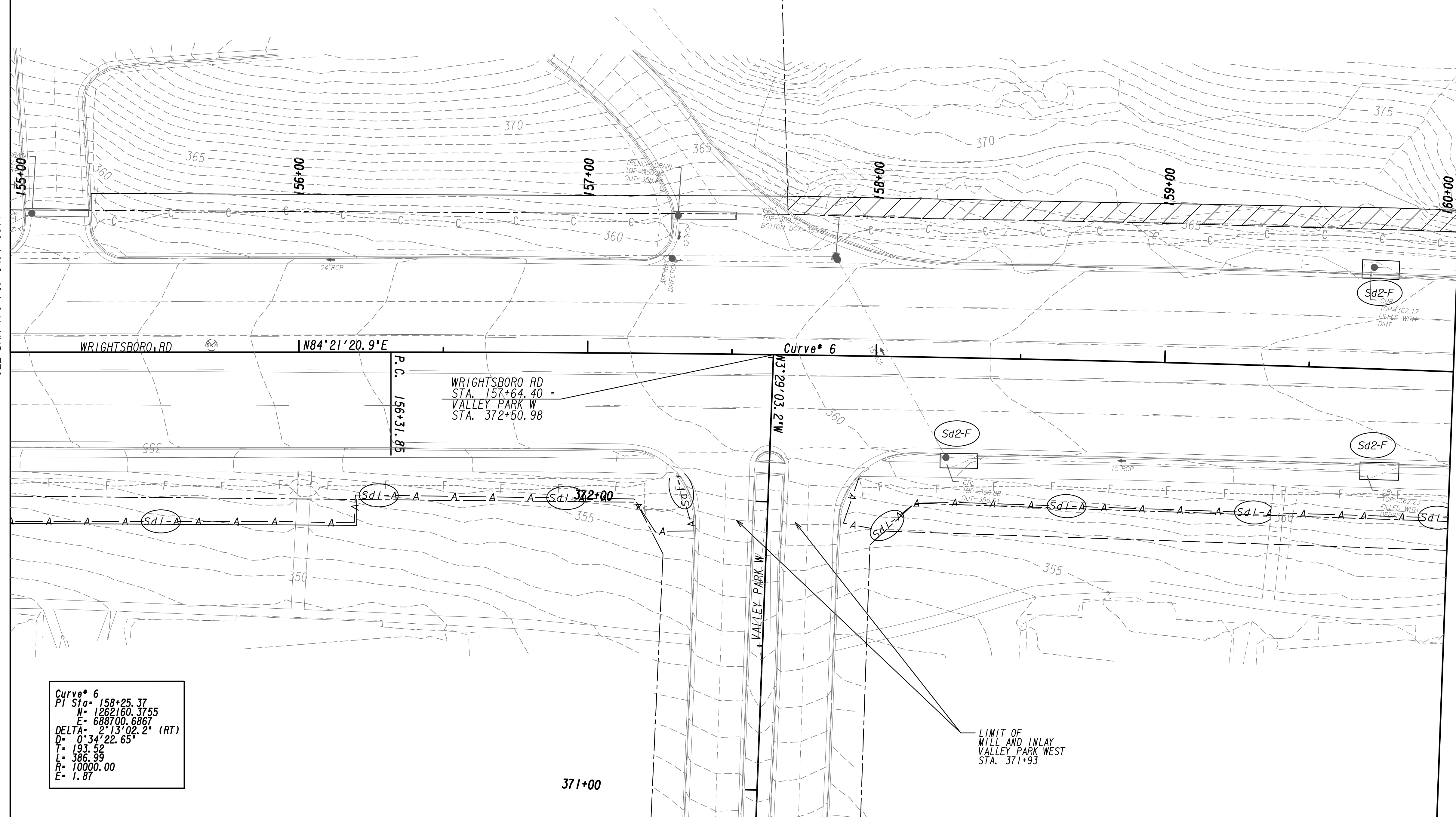

**BMP LOCATION DETAILS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
INITIAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.1-0011
CORRECTED:	DATE:	
VERIFIED:	DATE:	



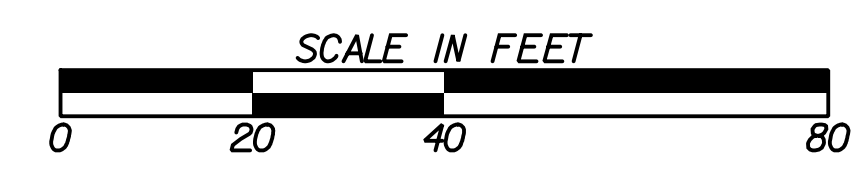
MATCH LINE STA. 155+00  
SEE DRAWING No. 54.1-0011

MATCH LINE STA. 160+00  
SEE DRAWING No. 54.1-0013



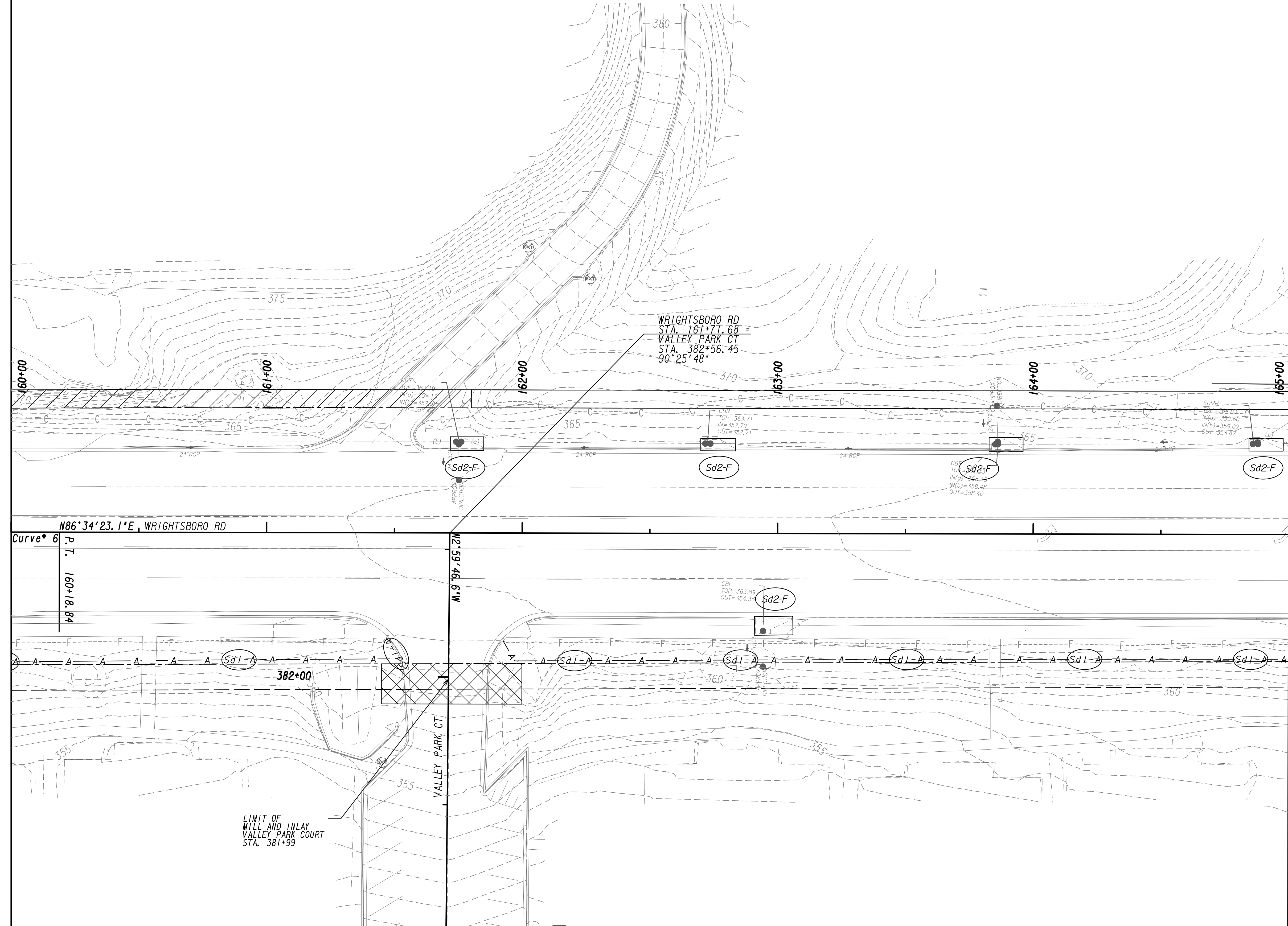
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54.1-0012	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

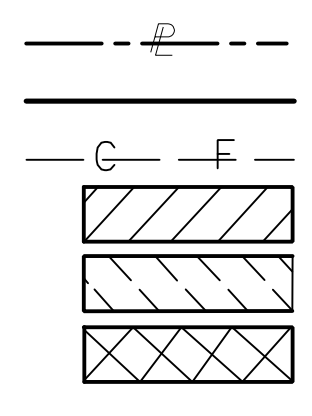


MATCH LINE STA. 160+00  
SEE DRAWING No. 54.1-0012

MATCH LINE STA. 165+00  
SEE DRAWING No. 54.1-0014



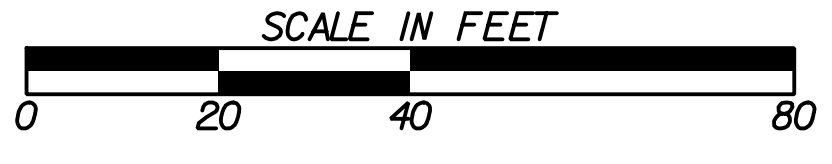
PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES



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)

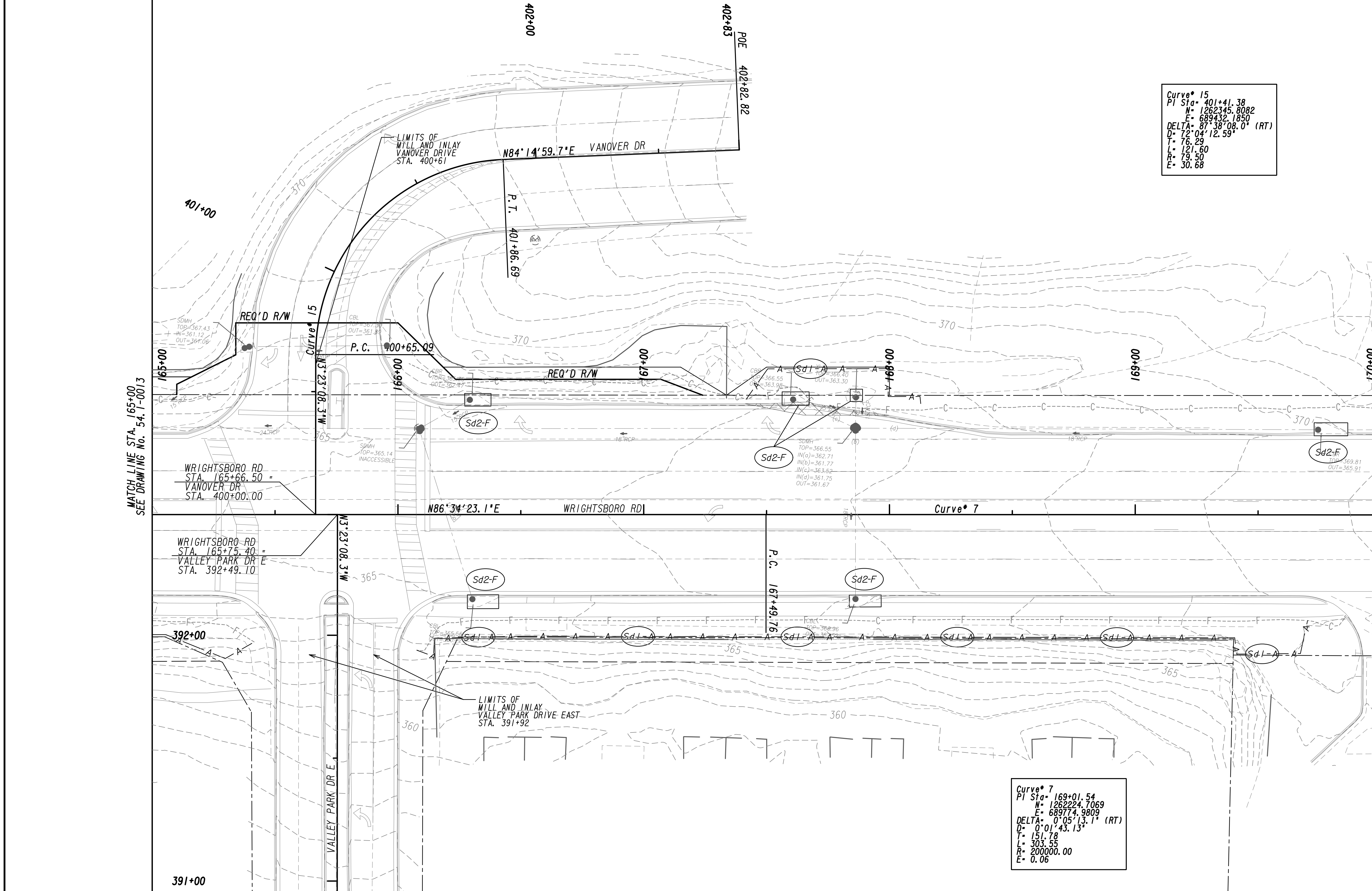


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REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0013



Curve\* 15  
 PI Sta= 401+41.38  
 N= 1262345.8082  
 E= 689432.1850  
 DELTA= 87°38'08.0" (RT)  
 D= 72°04'12.59"  
 L= 121.60  
 R= 19.50  
 E= 30.68

Curve\* 7  
 PI Sta= 169+01.54  
 N= 1262224.7069  
 E= 689774.9809  
 DELTA= 0°05'13.1" (RT)  
 D= 0°01'43.13"  
 L= 151.78  
 R= 303.55  
 E= 200000.00  
 E= 0.06



MATCH LINE STA. 165+00  
SEE DRAWING No. 54.1-0013

MATCH LINE STA. 170+00  
SEE DRAWING No. 54.1-0015

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

— P ——— P  
 ——— C ——— F  
 [Hatched Box] [Hatched Box]  
 [Hatched Box] [Hatched Box]  
 [Hatched Box] [Hatched Box]

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)



REVISION DATES	

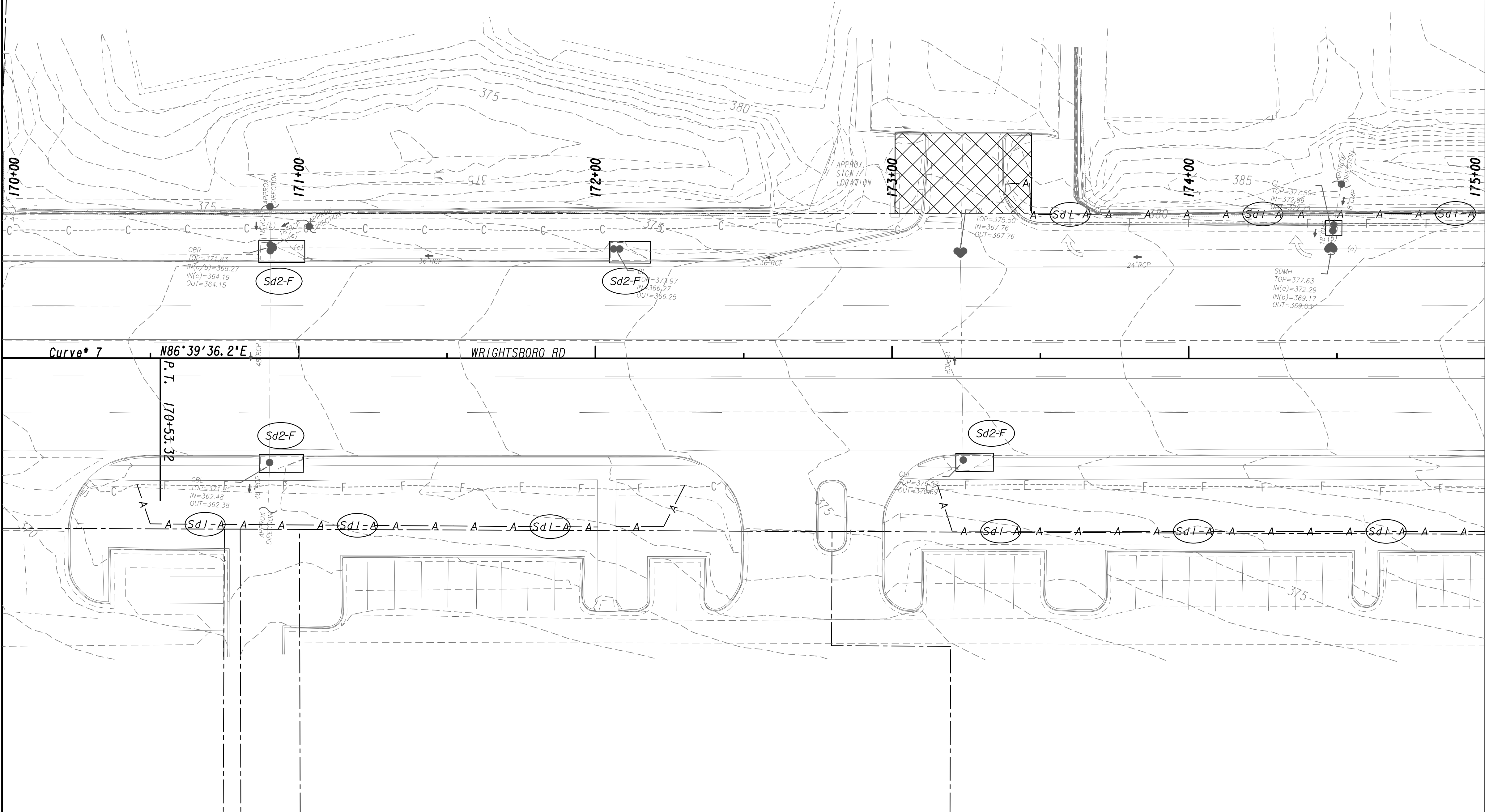
BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.1-0014
CORRECTED:	DATE:	
VERIFIED:	DATE:	

Curve\* 7  
 PI Sta = 169+01.54  
 N = 1262224.7069  
 E = 689774.9809  
 DELTA = 0°05'13.1" (RT)  
 D = 0°01'43.13"  
 T = 151.78  
 L = 303.55  
 R = 200000.00  
 E = 0.06

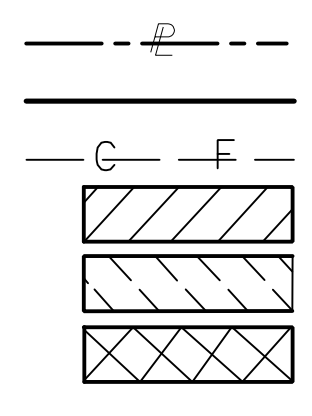


MATCH LINE STA. 170+00  
SEE DRAWING No. 54.1-0014

MATCH LINE STA. 175+00  
SEE DRAWING No. 54.1-0016



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



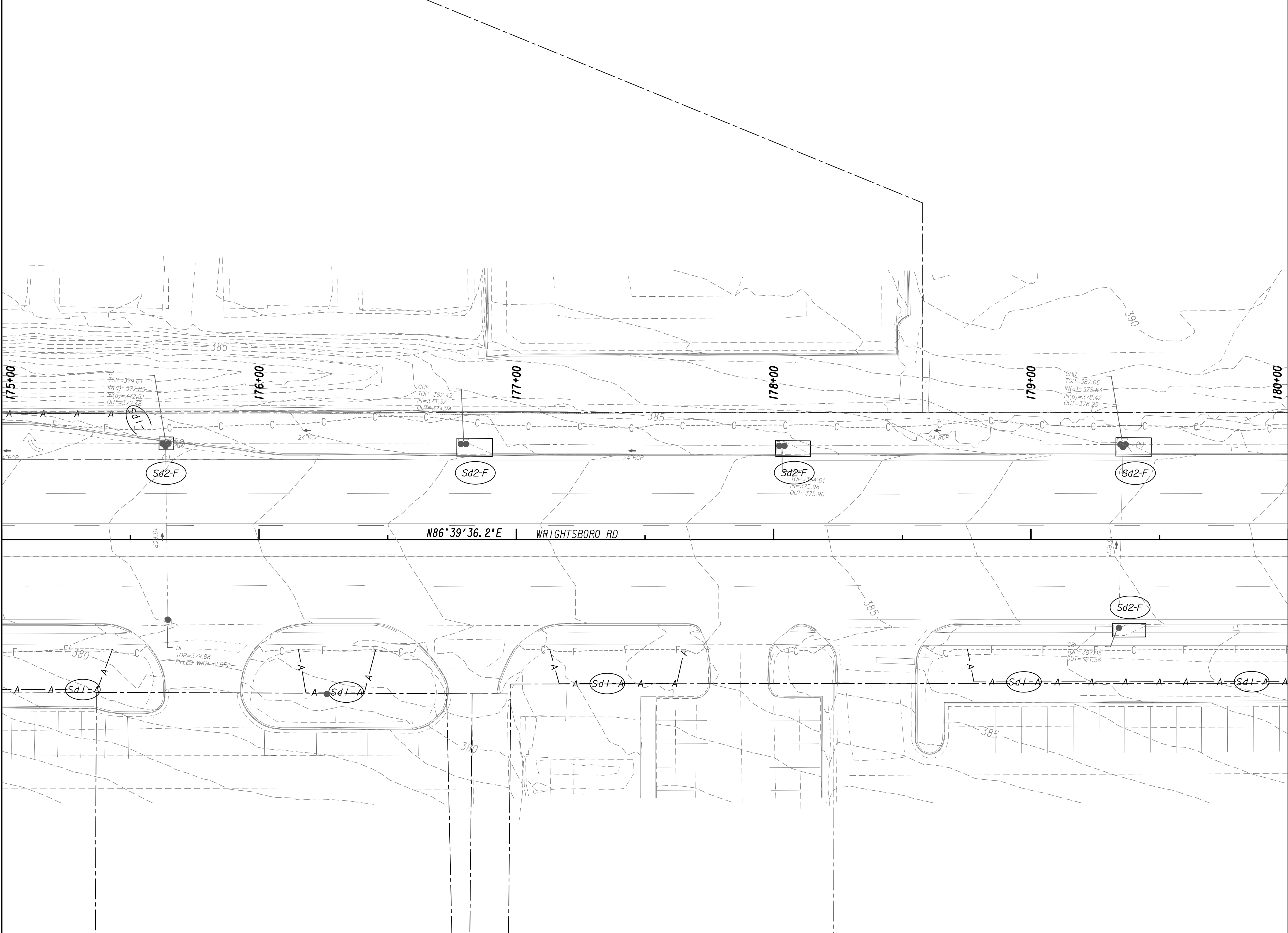
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54.1-0015	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

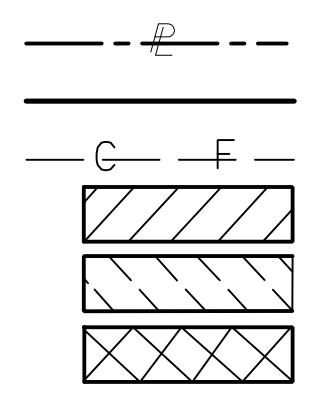


MATCH LINE STA. 175+00  
SEE DRAWING NO. 54.1-0015

MATCH LINE STA. 180+00  
SEE DRAWING NO. 54.1-0017



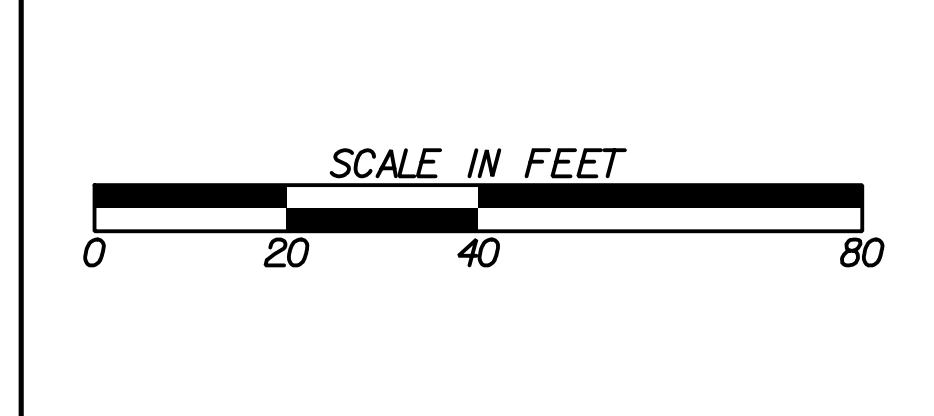
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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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REVISION DATES	

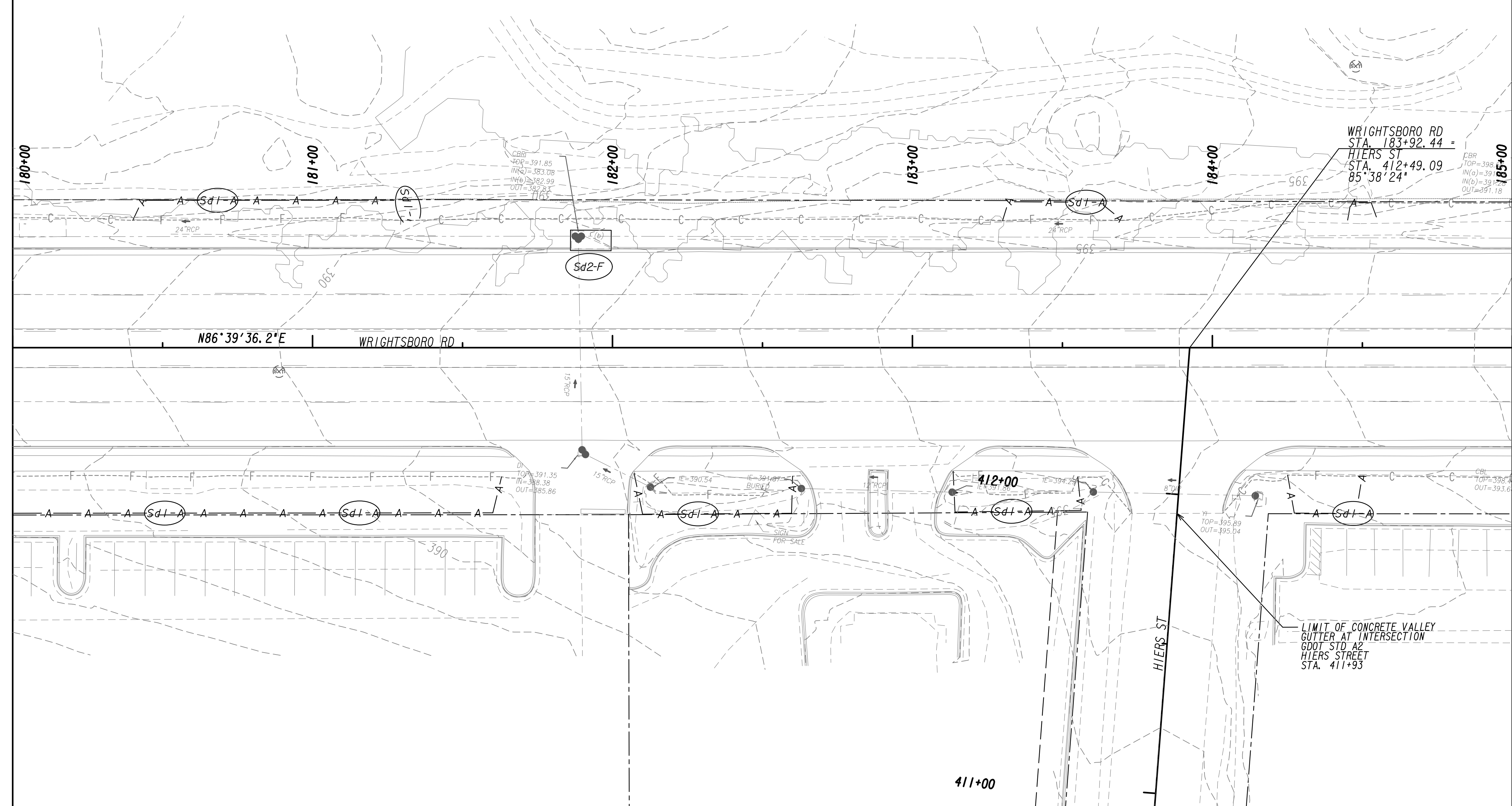
**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 INITIAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.1-0016
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 180+00  
SEE DRAWING No. 54.1-0016

MATCH LINE STA. 185+00  
SEE DRAWING No. 54.1-0018

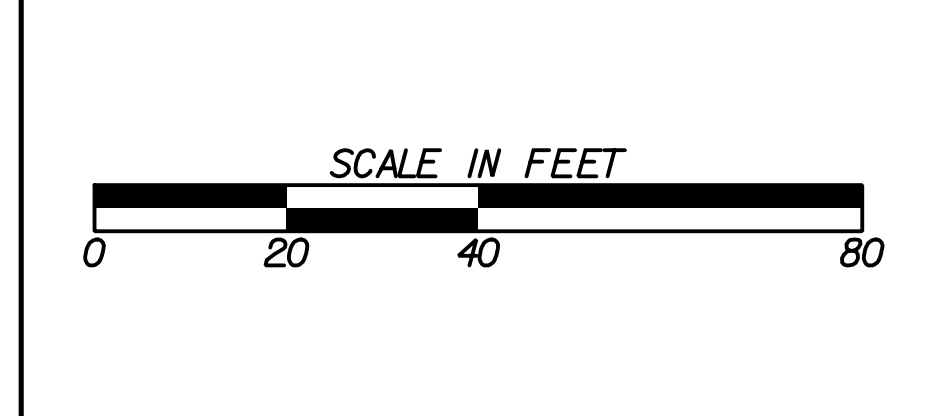


PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	
EASEMENT FOR CONSTR OF SLOPES	
EASEMENT FOR CONSTR OF DRIVES	

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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REVISION DATES	

**BMP LOCATION DETAILS**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
INITIAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.1-0017
CORRECTED:	DATE:	
VERIFIED:	DATE:	



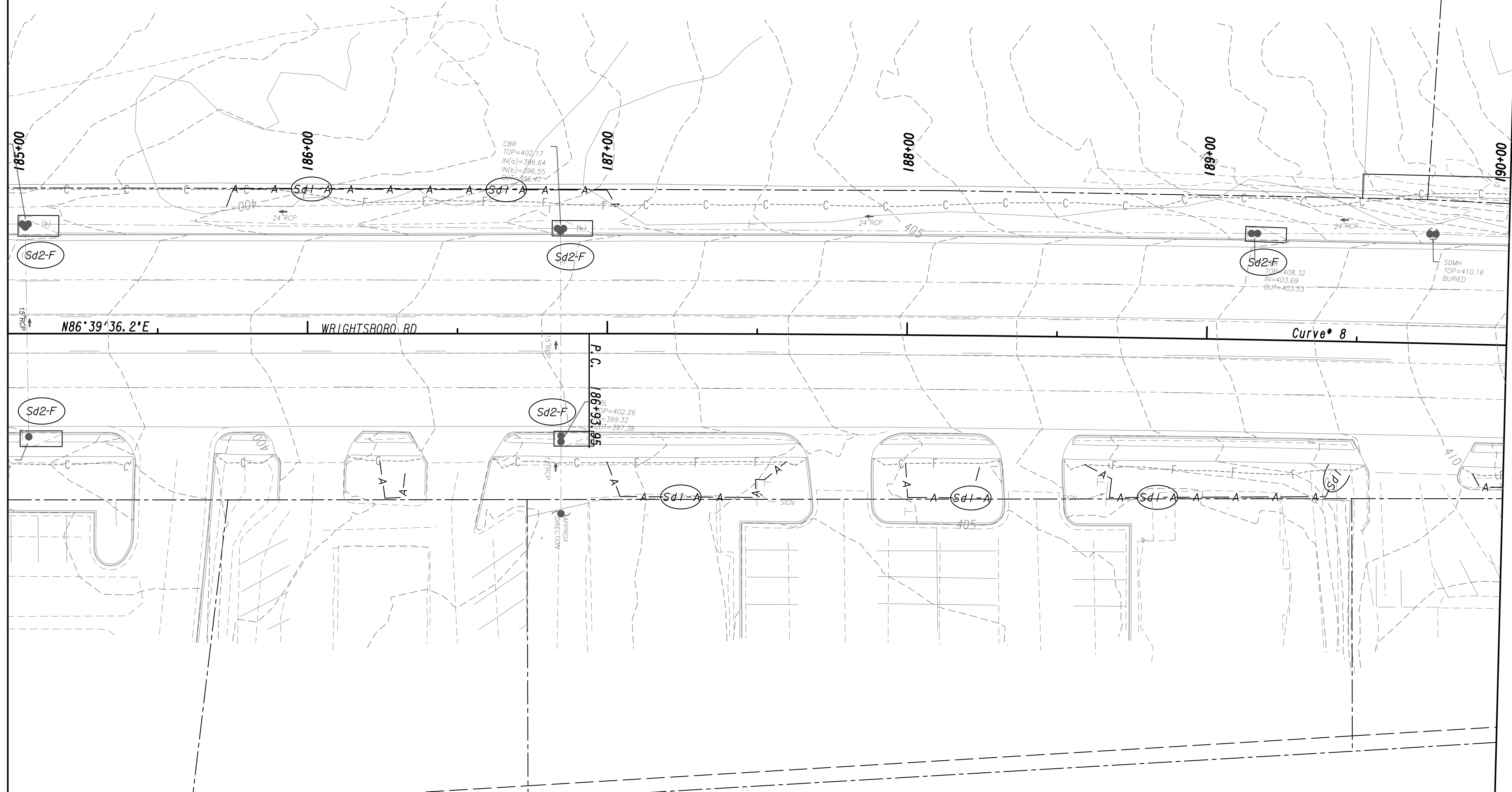


Curve\* 8  
 PI Sta= 191+34.33  
 W= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0°28'38.87"  
 T= 440.38  
 L= 880.36  
 R= 12000.00  
 E= 8.08



MATCH LINE STA. 185+00  
SEE DRAWING No. 54.1-0017

MATCH LINE STA. 190+00  
SEE DRAWING No. 54.1-0019



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

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

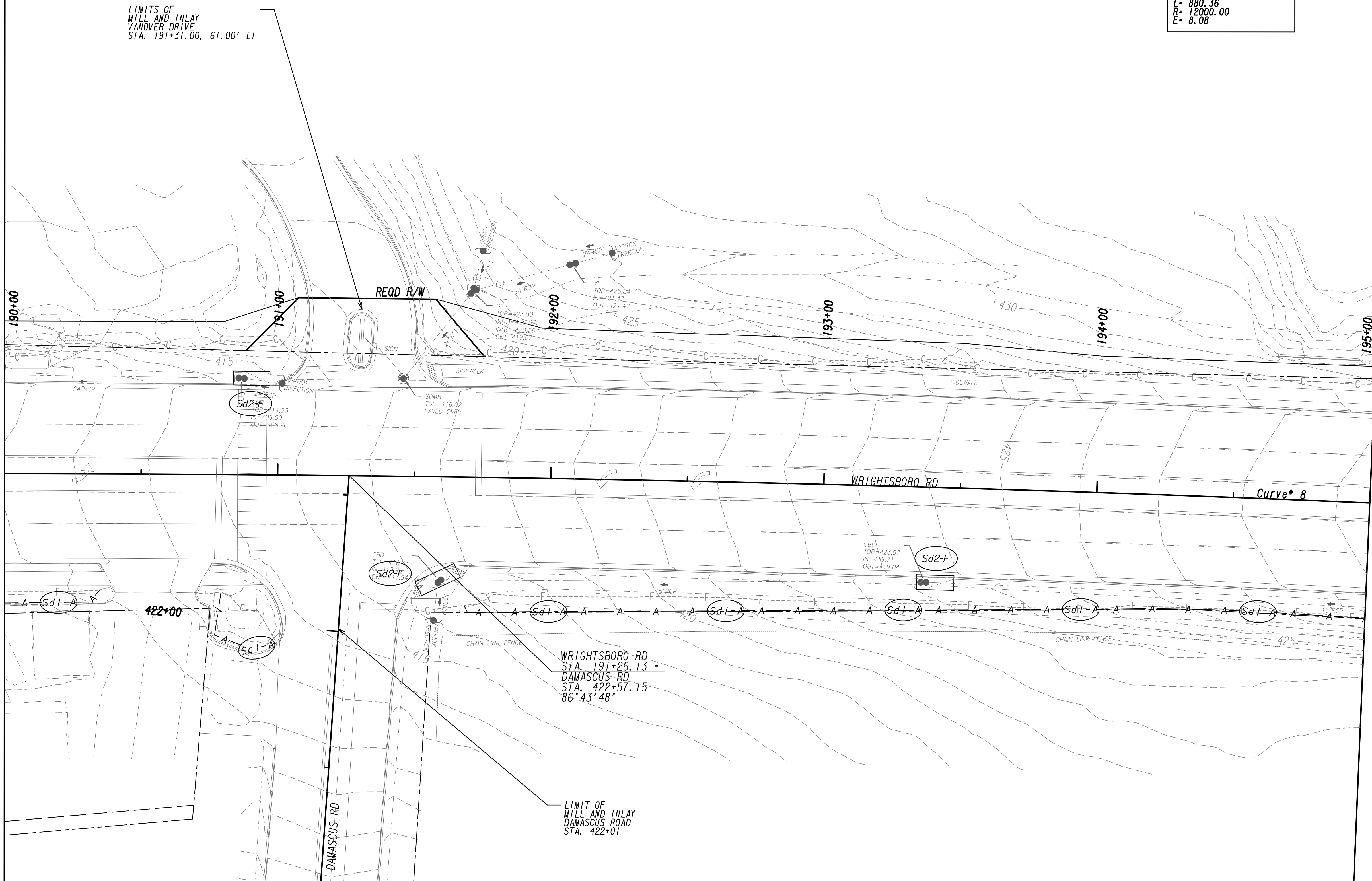


REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0018

MATCH LINE STA. 190+00  
SEE DRAWING No. 54.1-0018

MATCH LINE STA. 195+00  
SEE DRAWING No. 54.1-0020



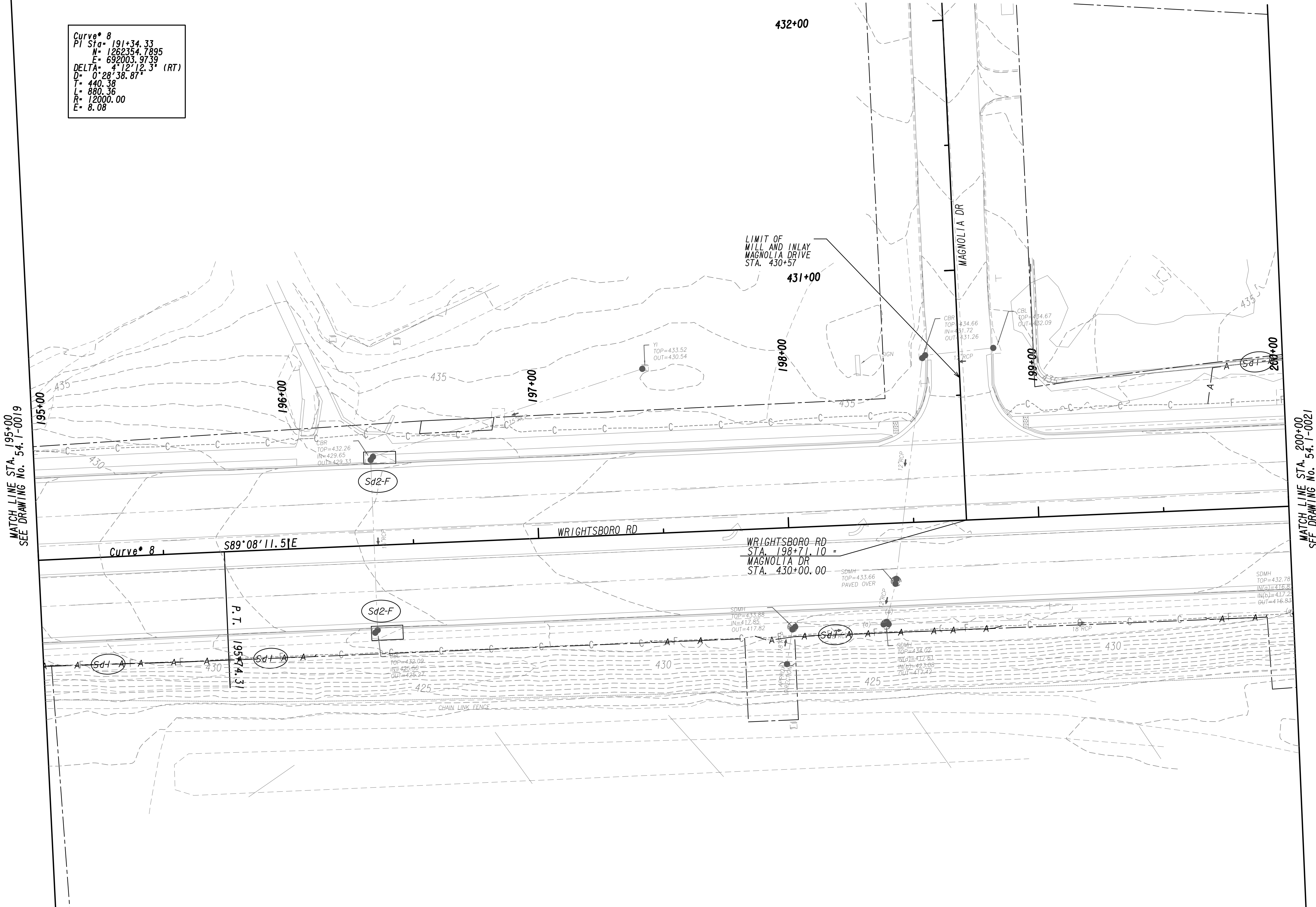
---	BEGIN LIMIT OF ACCESS.....BLA
---	END LIMIT OF ACCESS.....ELA
---	LIMIT OF ACCESS
---	REQ'D R/W & LIMIT OF ACCESS
---	ORANGE BARRIER FENCE
---	ESA - ENV. SENSITIVE AREA
---	(SEE ERIT TABLE)

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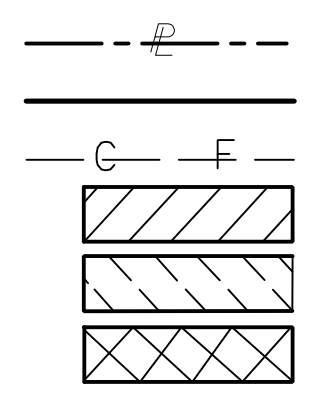
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Curve\* 8  
 PI Sta= 191+34.33  
 N= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0°28'38.87"  
 T= 440.38  
 L= 880.36  
 R= 12000.00  
 E= 8.08



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

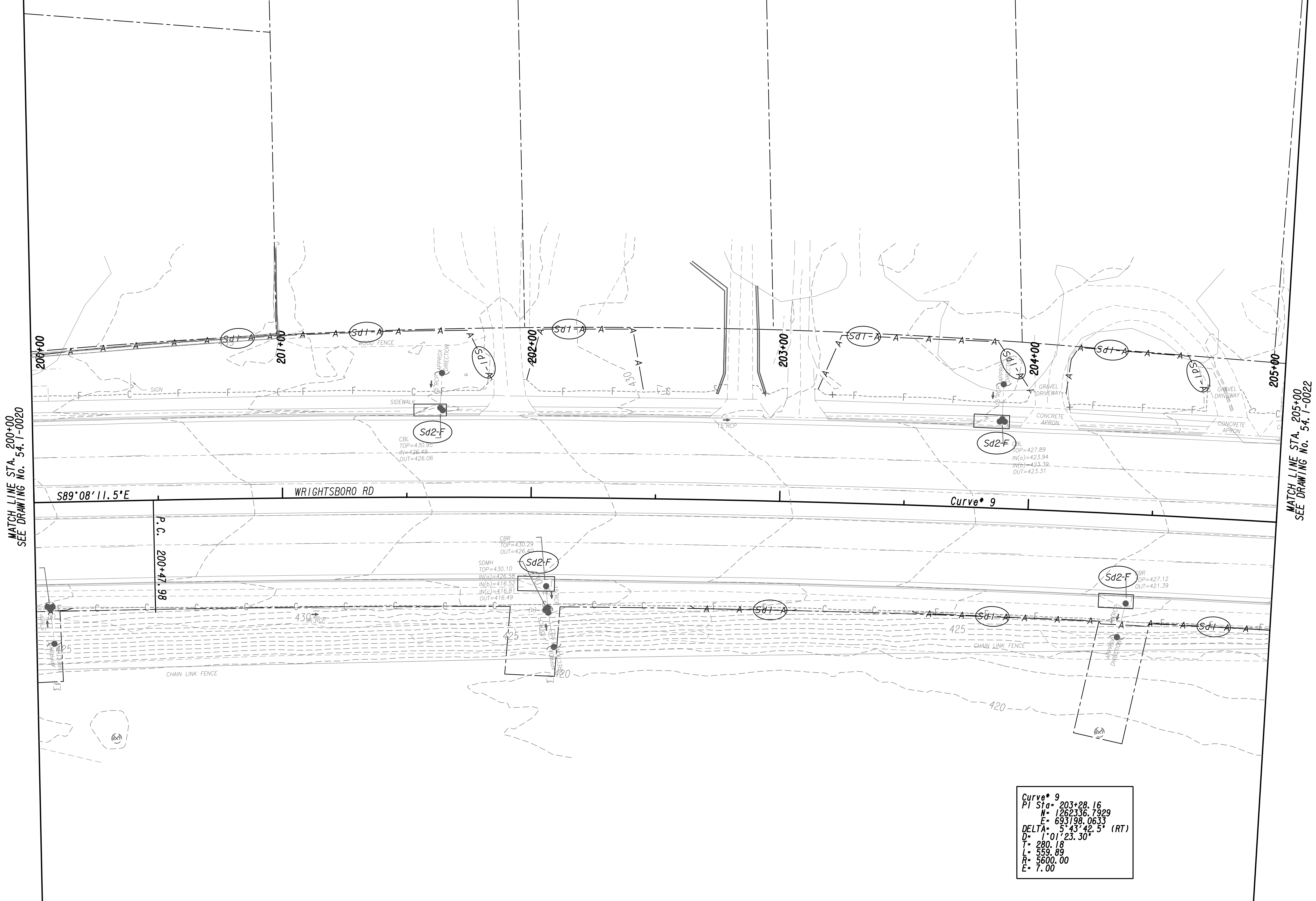


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

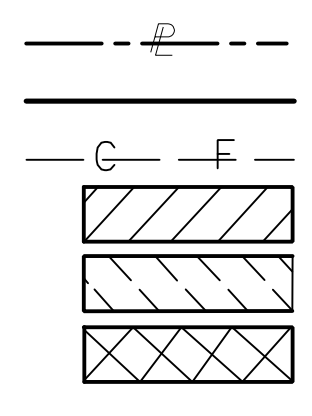
BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-1-0020
CORRECTED:	DATE:	
VERIFIED:	DATE:	



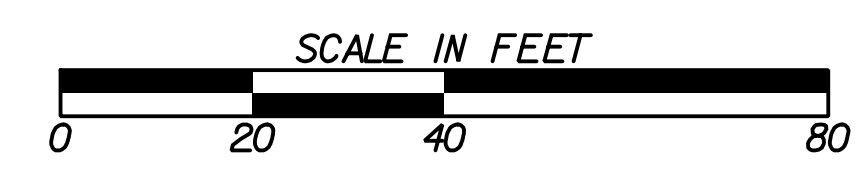
MATCH LINE STA. 205+00  
SEE DRAWING No. 54.1-0022

Curve\* 9  
 PI Sta = 203+28.16  
 N = 126°33'6.7929  
 E = 69°19'8.0633  
 DELTA = 5°43'42.5" (RT)  
 D = 1°01'23.30"  
 T = 280.18  
 L = 559.89  
 R = 5600.00  
 E = 7.00

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

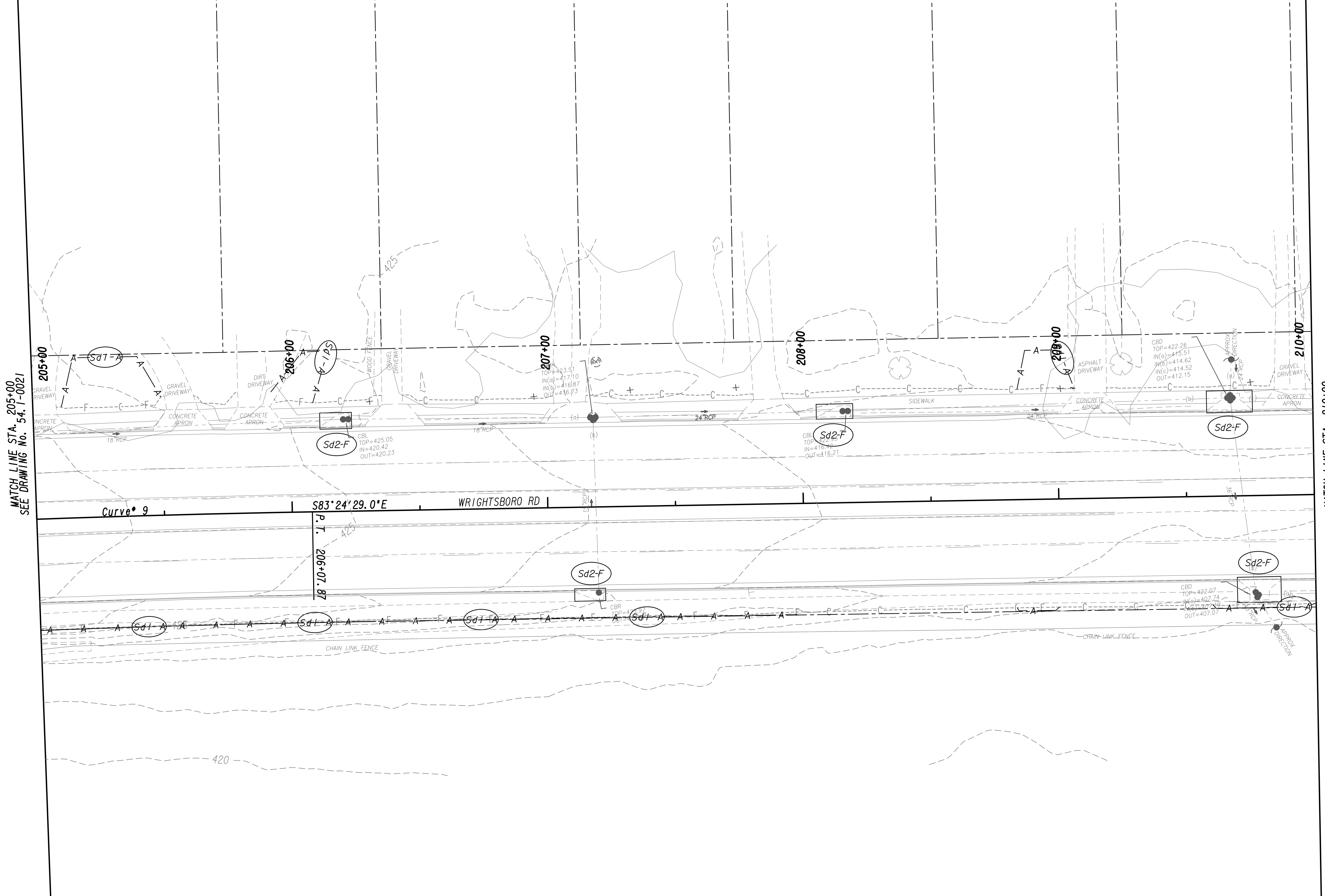


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

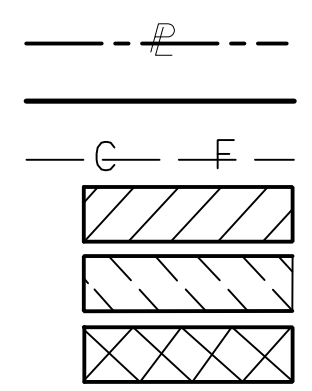
BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0021



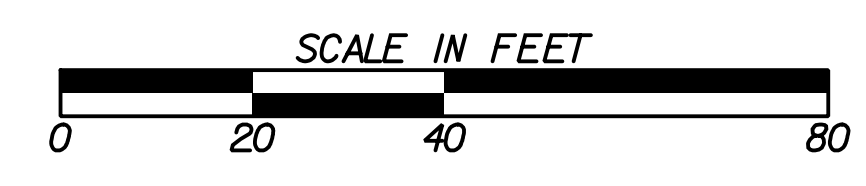
MATCH LINE STA. 205+00  
SEE DRAWING No. 54-1-0021

MATCH LINE STA. 210+00  
SEE DRAWING No. 54-1-0023

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



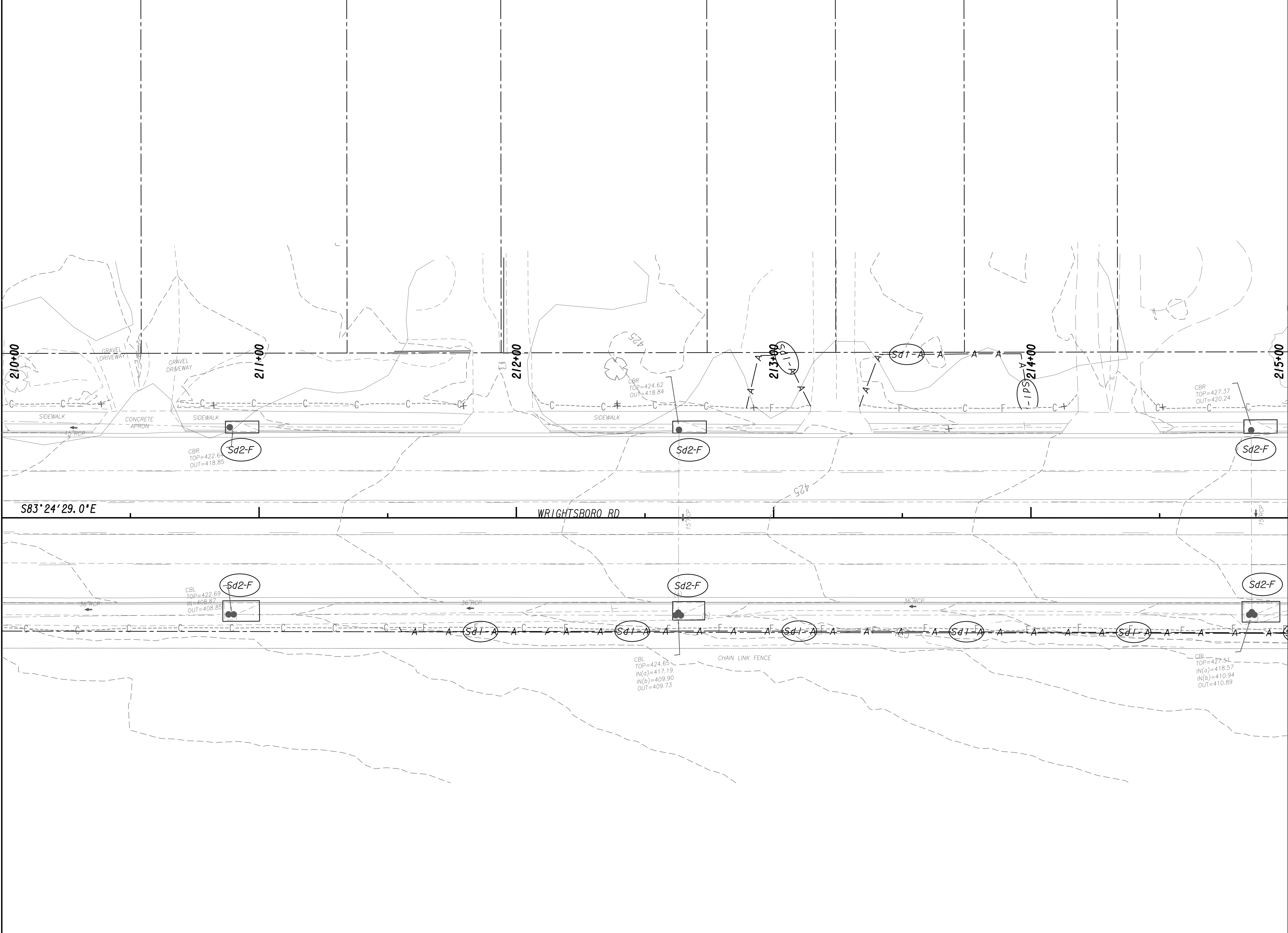
REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE		
CHECKED:		DATE:
BACKCHECKED:		DATE:
CORRECTED:		DATE:
VERIFIED:		DATE:
DRAWING No.		54-1-0022

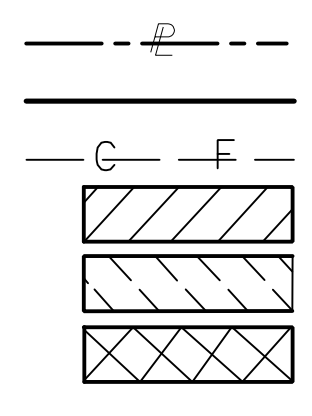


MATCH LINE STA. 210+00  
SEE DRAWING No. 54.1-0022

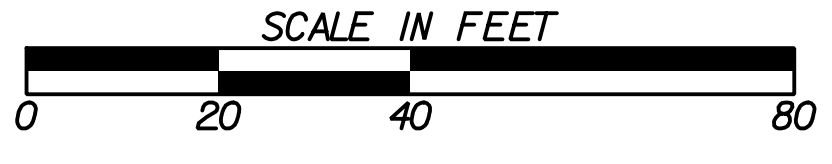
MATCH LINE STA. 215+00  
SEE DRAWING No. 54.1-0024



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



REVISION DATES	

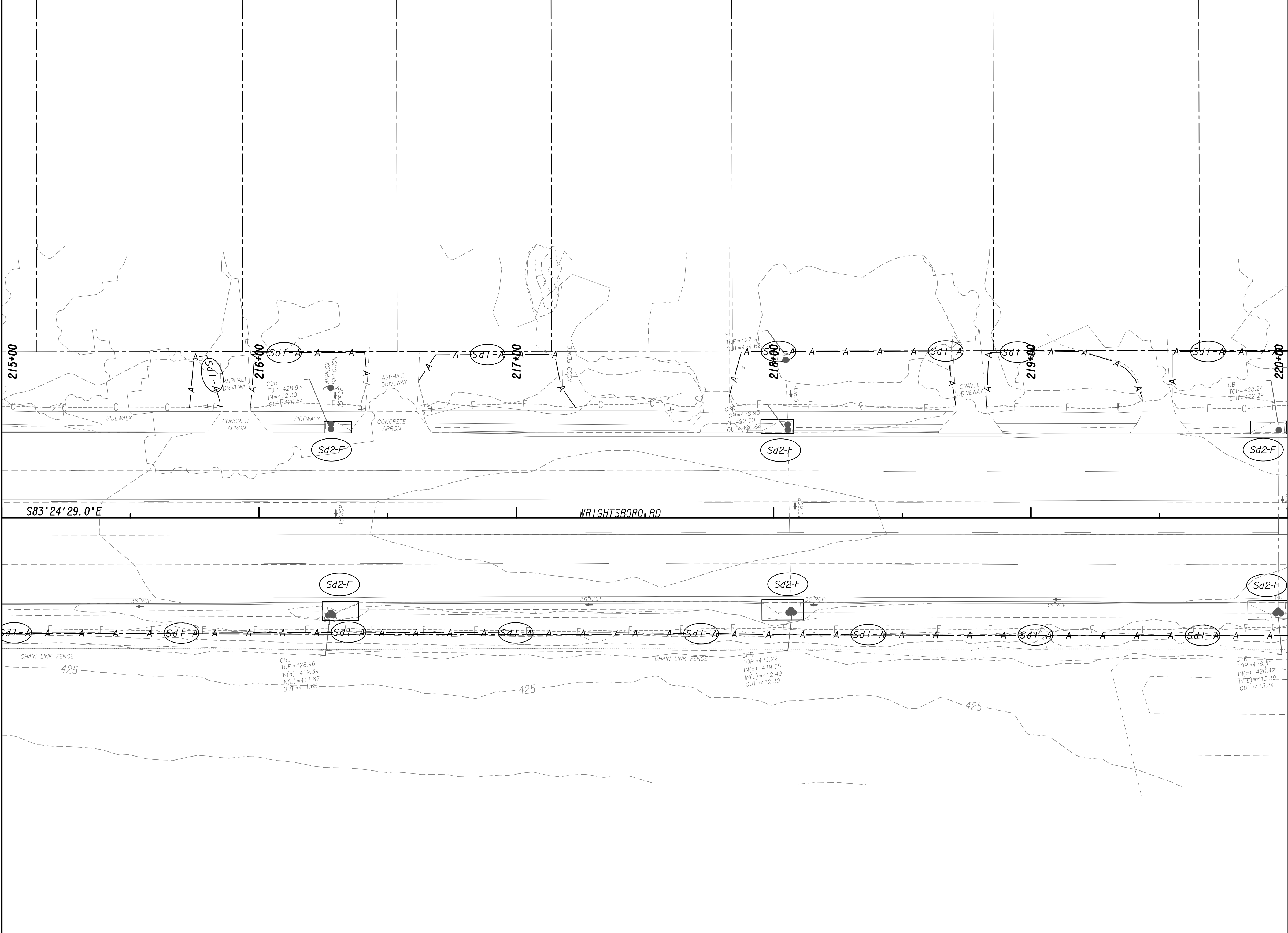
**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 INITIAL PHASE

CHECKED:	DATE:	DRAWING No. <b>54.1-0023</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

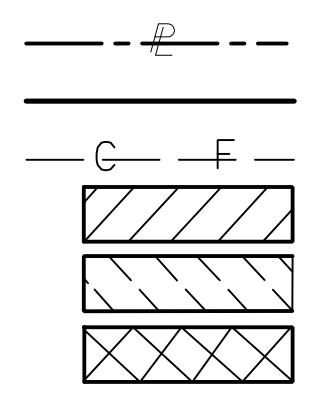


MATCH LINE STA. 215+00  
SEE DRAWING No. 54.1-0023

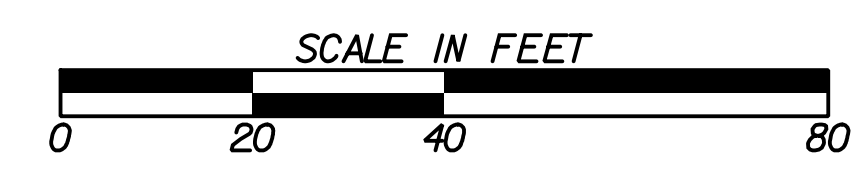
MATCH LINE STA. 220+00  
SEE DRAWING No. 54.1-0025



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

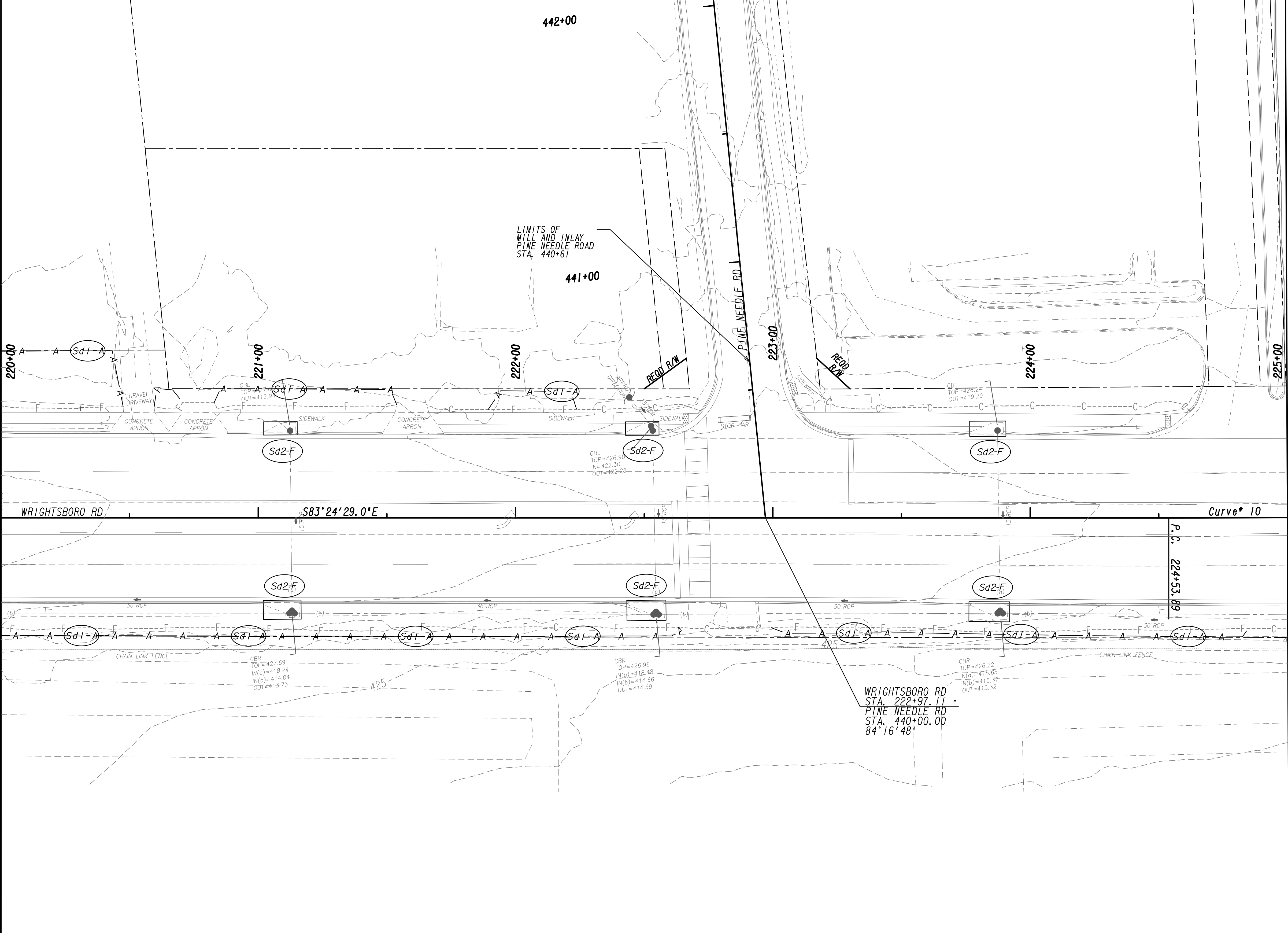


REVISION DATES	

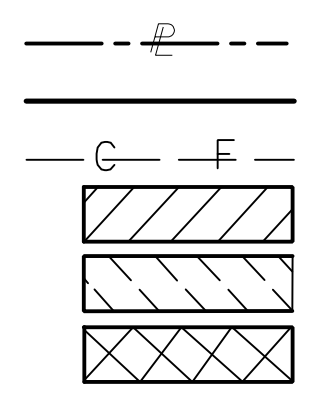
BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0024

MATCH LINE STA. 220+00  
SEE DRAWING No. 54.1-0024

MATCH LINE STA. 225+00  
SEE DRAWING No. 54.1-0026



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



REVISION DATES	

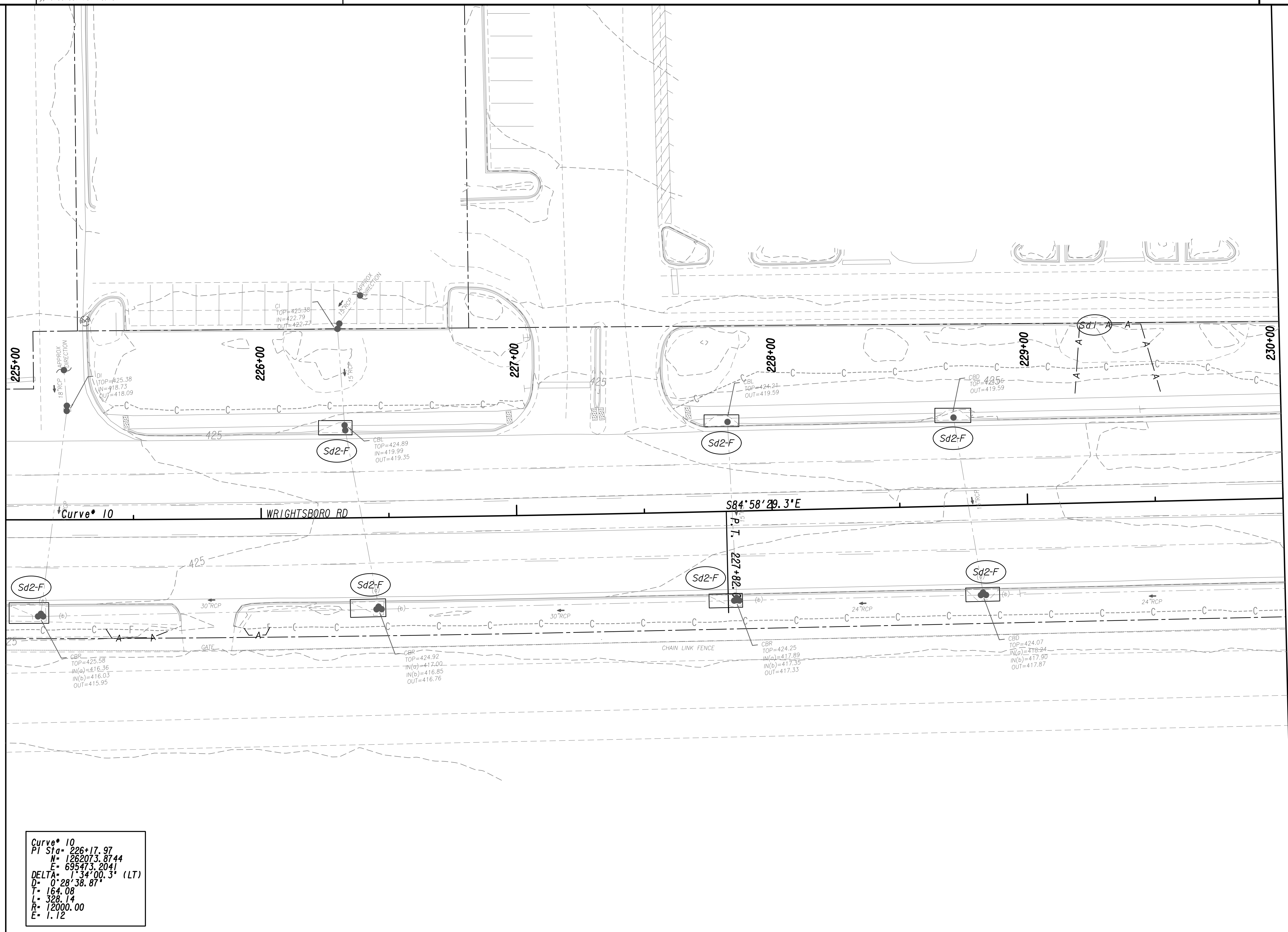
BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0025





MATCH LINE STA. 225+00  
SEE DRAWING No. 54.1-0025

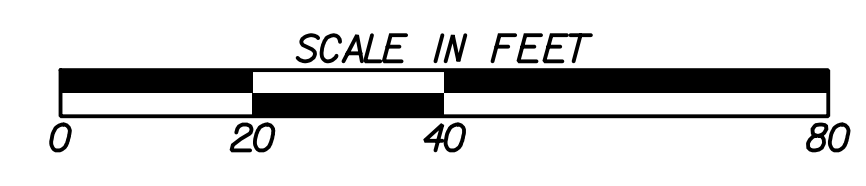
MATCH LINE STA. 230+00  
SEE DRAWING No. 54.1-0027



**Curve\* 10**  
 PI Sta= 226+17.97  
 N= 1262073.8744  
 E= 695473.2041  
 DELTA= 1°34'00.3" (LT)  
 D= 0°28'38.87"  
 T= 164.08  
 L= 328.14  
 R= 2000.00  
 E= 1.12

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



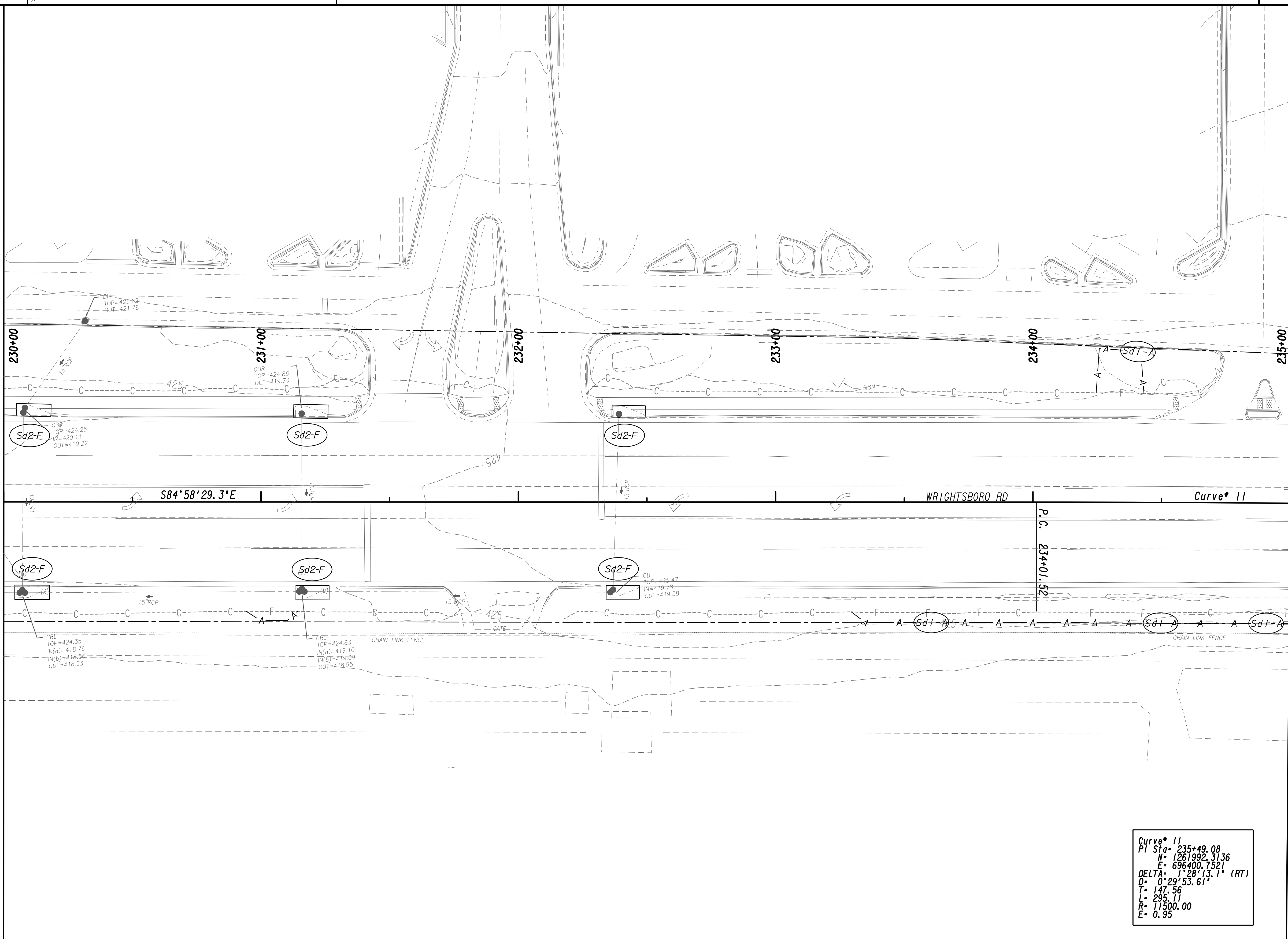
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54.1-0026	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



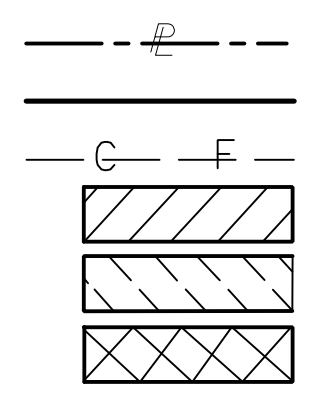
MATCH LINE STA. 230+00  
SEE DRAWING No. 54.1-0026

MATCH LINE STA. 235+00  
SEE DRAWING No. 54.1-0028

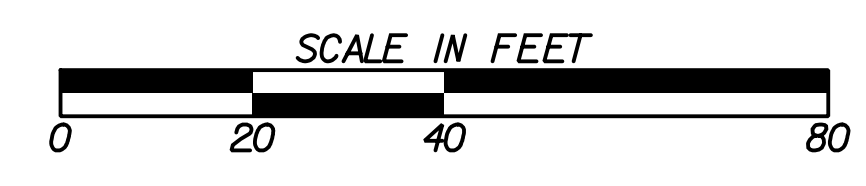


Curve # 11
PI Sta = 235+49.08
H = 1261992.3136
E = 696400.7321
DELTA = 128°13.1' (RT)
D = 0°29'53.61"
T = 147.56
L = 235.11
R = 11500.00
E = 0.95

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

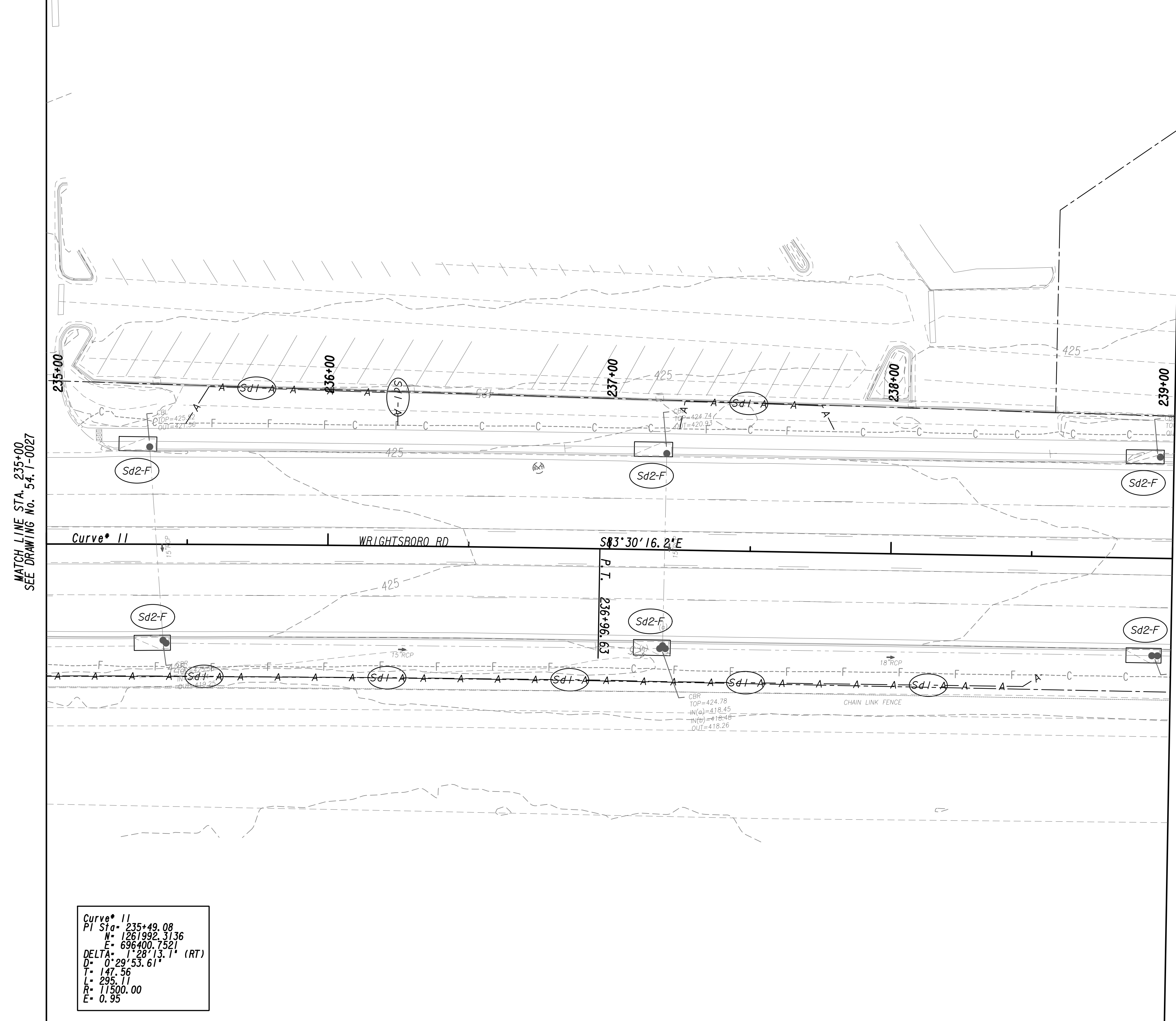


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0027



MATCH LINE STA. 235+00  
SEE DRAWING No. 54.1-0027

MATCH LINE STA. 239+00  
SEE DRAWING No. 54.1-0029

Curve\* 11  
 PI Sta= 235+49.08  
 N= 1261992.3136  
 E= 696400.7521  
 DELTA= 112° 28' 13.1" (RT)  
 D= 0' 29' 53.61"  
 T= 147.56  
 L= 295.11  
 R= 11500.00  
 E= 0.95

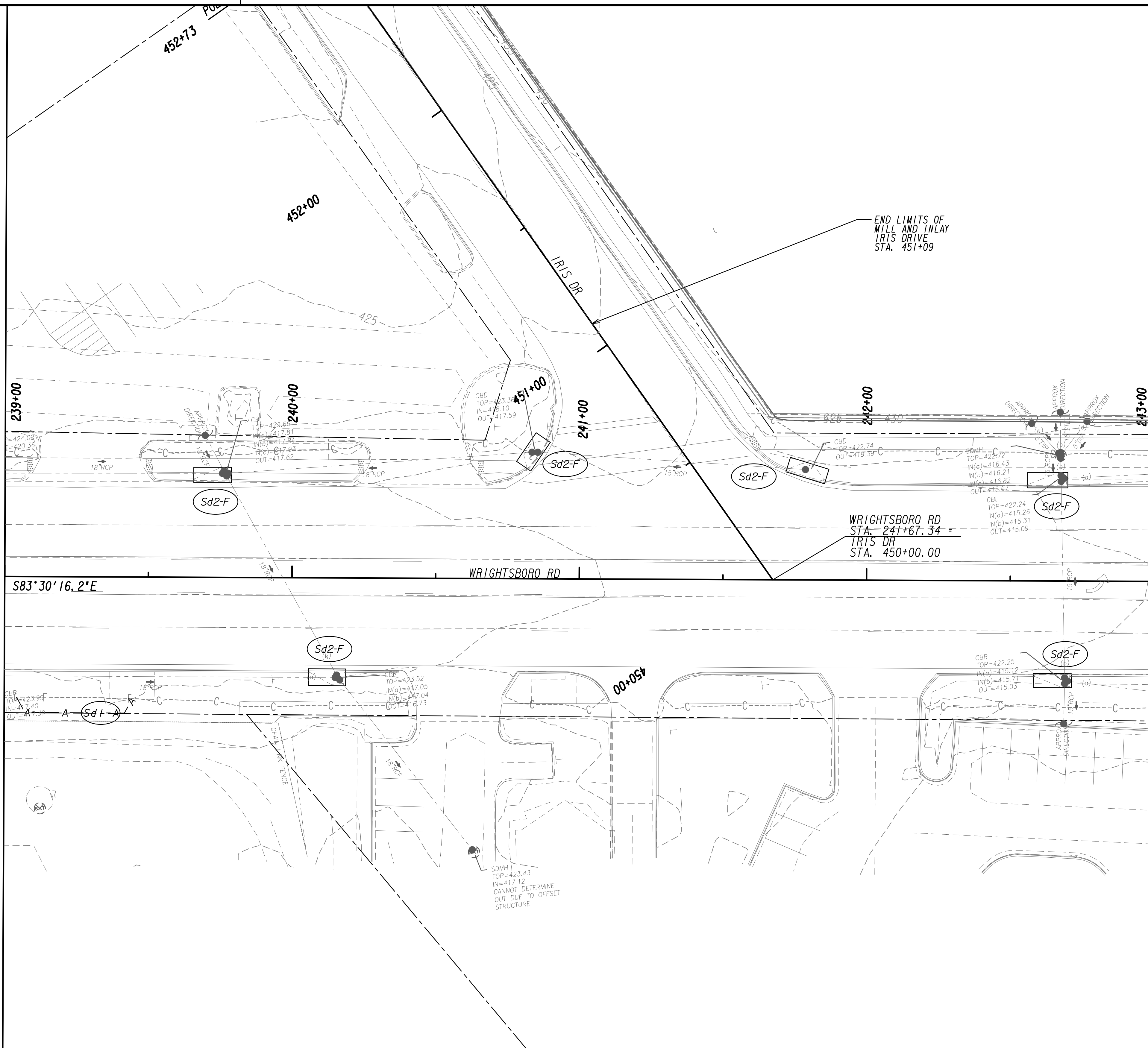
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

--- P --- BEGIN LIMIT OF ACCESS.....BLA  
 --- E --- END LIMIT OF ACCESS.....ELA  
 --- C --- F --- LIMIT OF ACCESS  
 --- H --- H --- REQ'D R/W & LIMIT OF ACCESS  
 --- O --- O --- ORANGE BARRIER FENCE  
 --- S --- S --- ESA - ENV. SENSITIVE AREA  
 --- T --- T --- (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0028

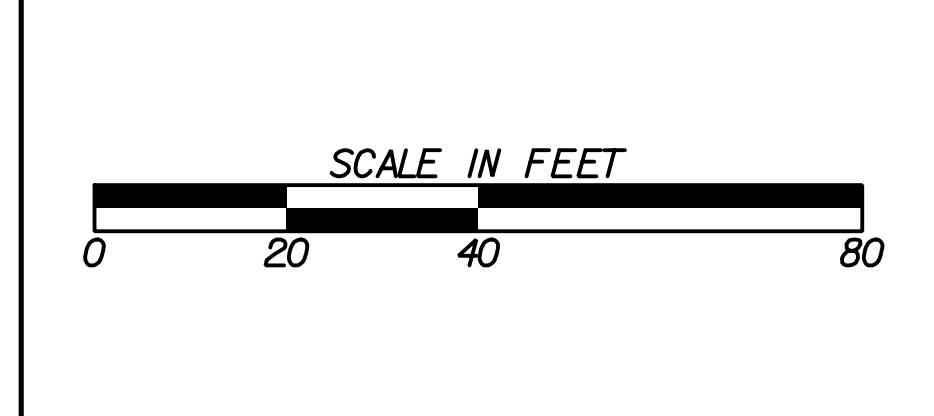


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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

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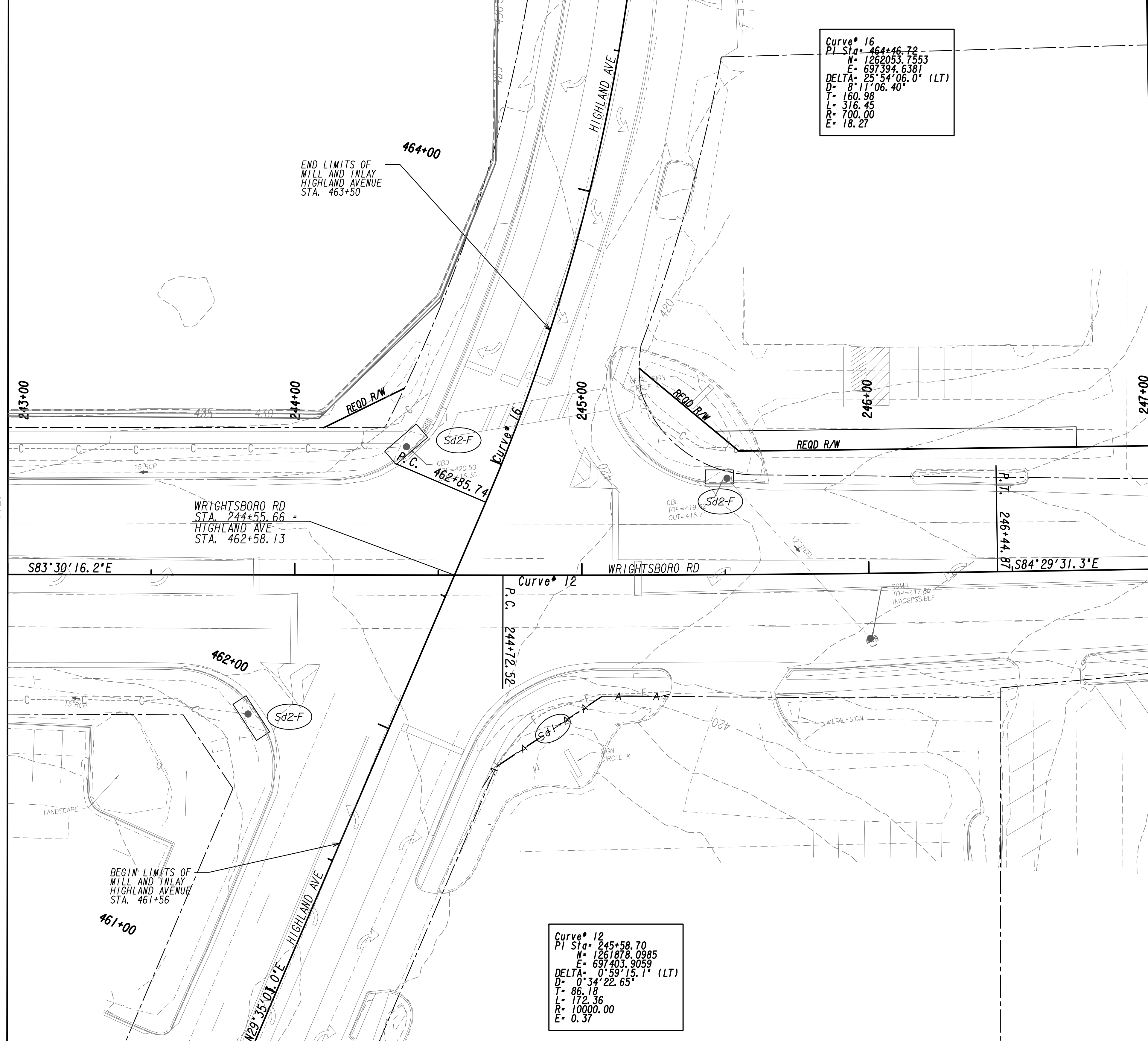
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REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 INITIAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.1-0029
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Curve\* 16  
 PI Sta= 464+46.72  
 N= 1262053.7553  
 E= 697394.6381  
 DELTA= 25°54'06.0" (LT)  
 D= 8' 11" 06.40"  
 T= 160.98  
 L= 316.45  
 R= 700.00  
 E= 18.27

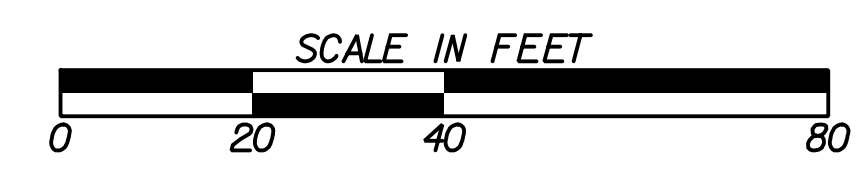
Curve\* 12  
 PI Sta= 245+58.70  
 N= 1261878.0985  
 E= 697403.9059  
 DELTA= 0°59'15.1" (LT)  
 D= 0' 34" 22.65"  
 T= 86.18  
 L= 172.36  
 R= 10000.00  
 E= 0.37

MATCH LINE STA. 243+00  
 SEE DRAWING NO. 54-1-0029

MATCH LINE STA. 247+00  
 SEE DRAWING NO. 54-1-0031

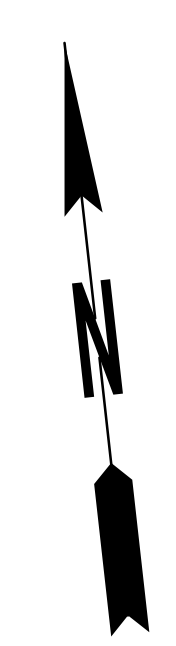
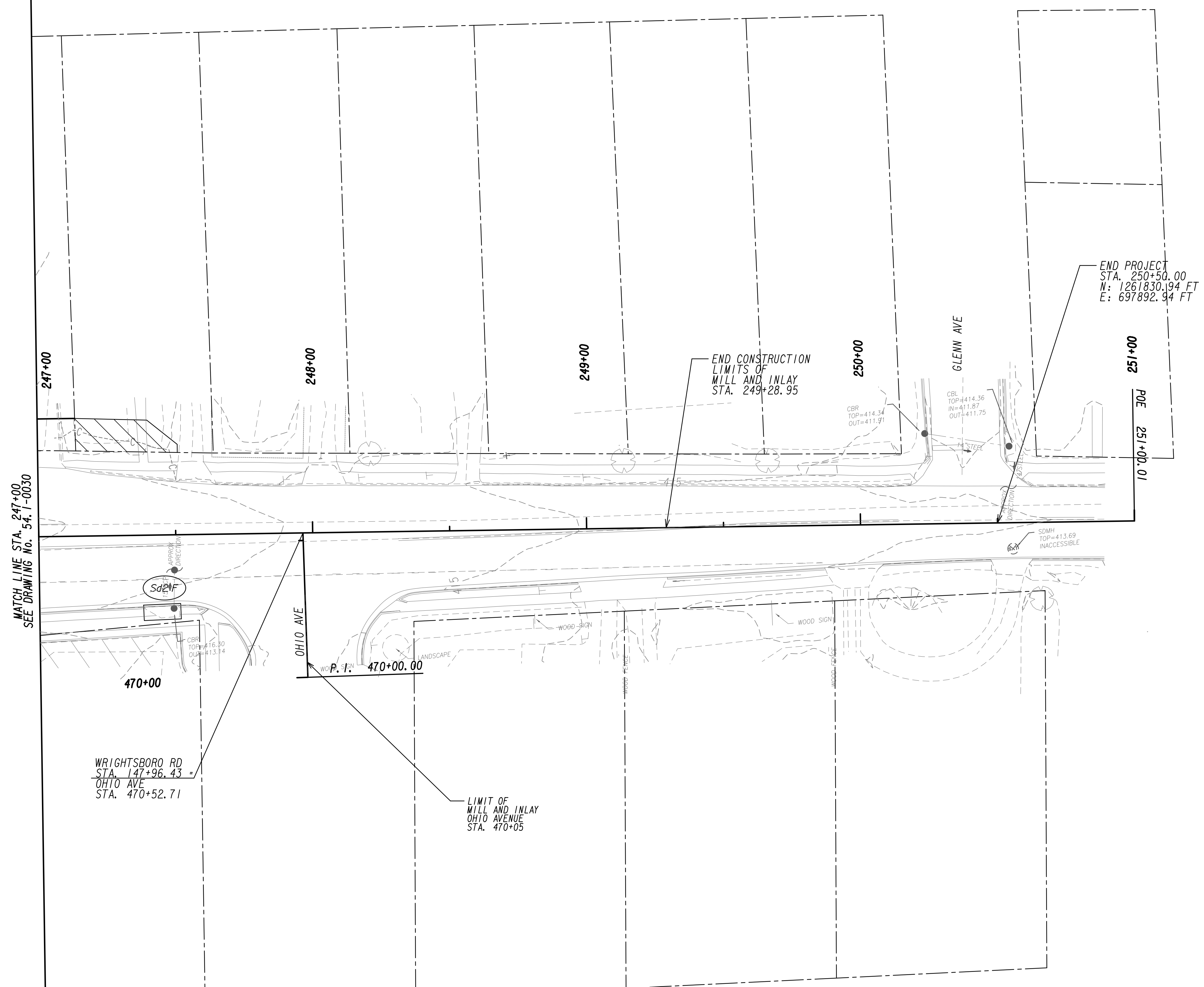
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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)



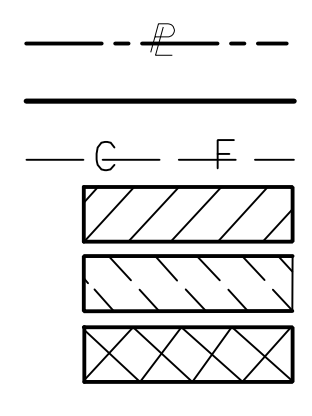
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54-1-0030	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

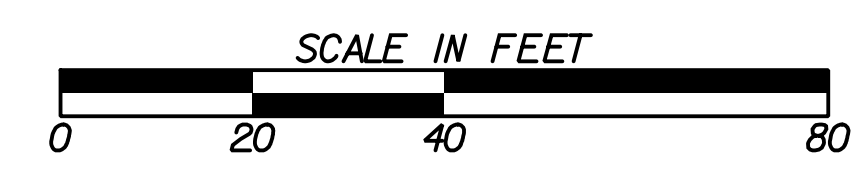


MATCH LINE STA. 247+00  
 SEE DRAWING No. 54.1-0030

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

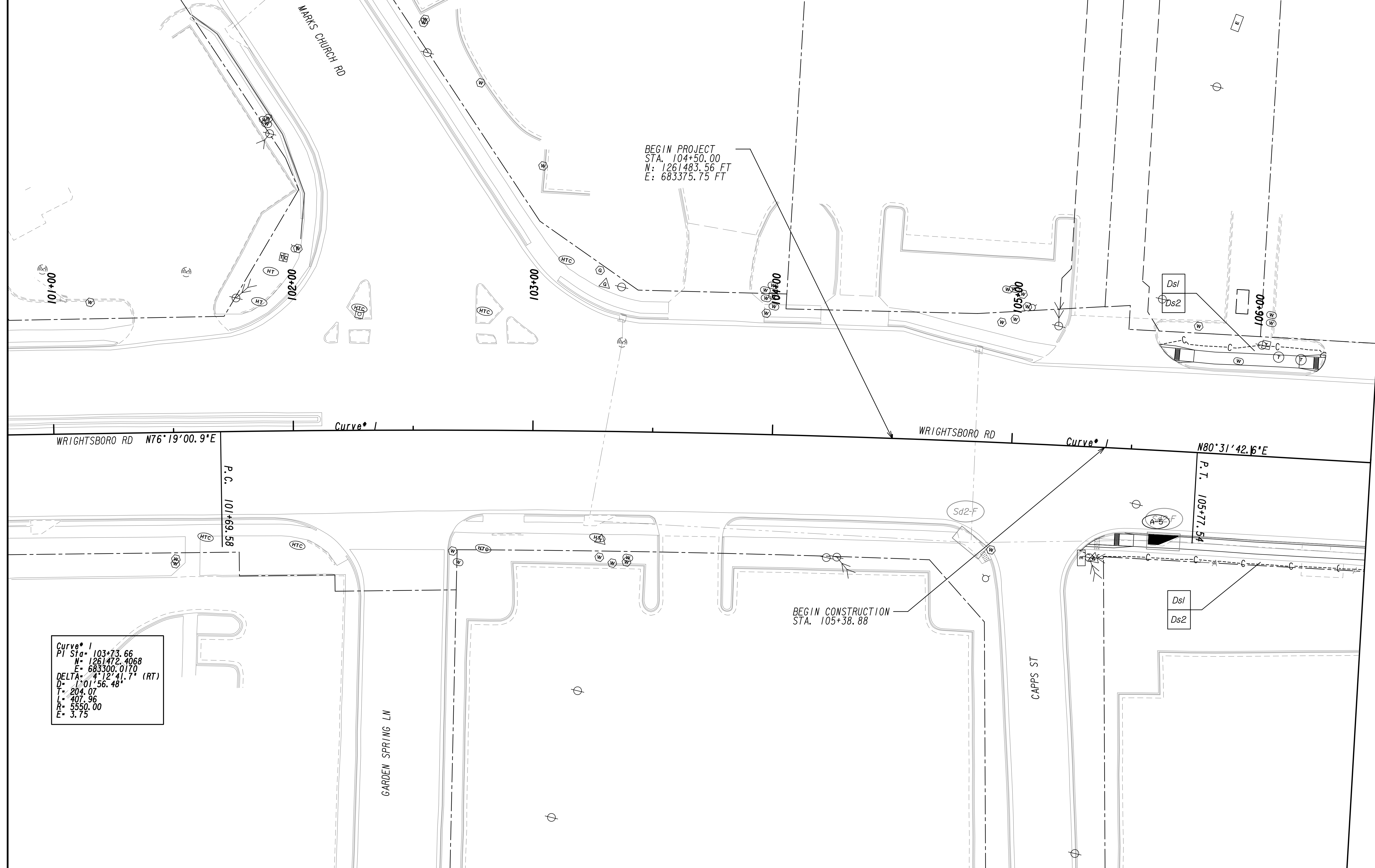


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INITIAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.1-0031



MATCH LINE STA. 106+50 SEE DRAWING NO. 54.2-0002

Curve\* 1  
 P.I. Sta. 103+73.66  
 N= 1261472.4068  
 E= 683300.0170  
 DELTA= 41°12'41.7\"/>

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

--- P --- 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)



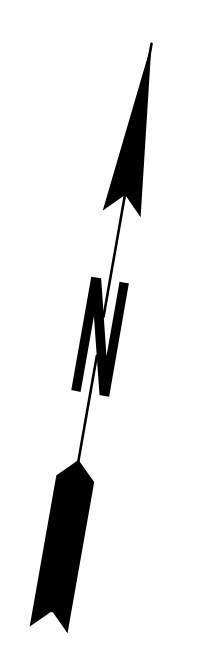
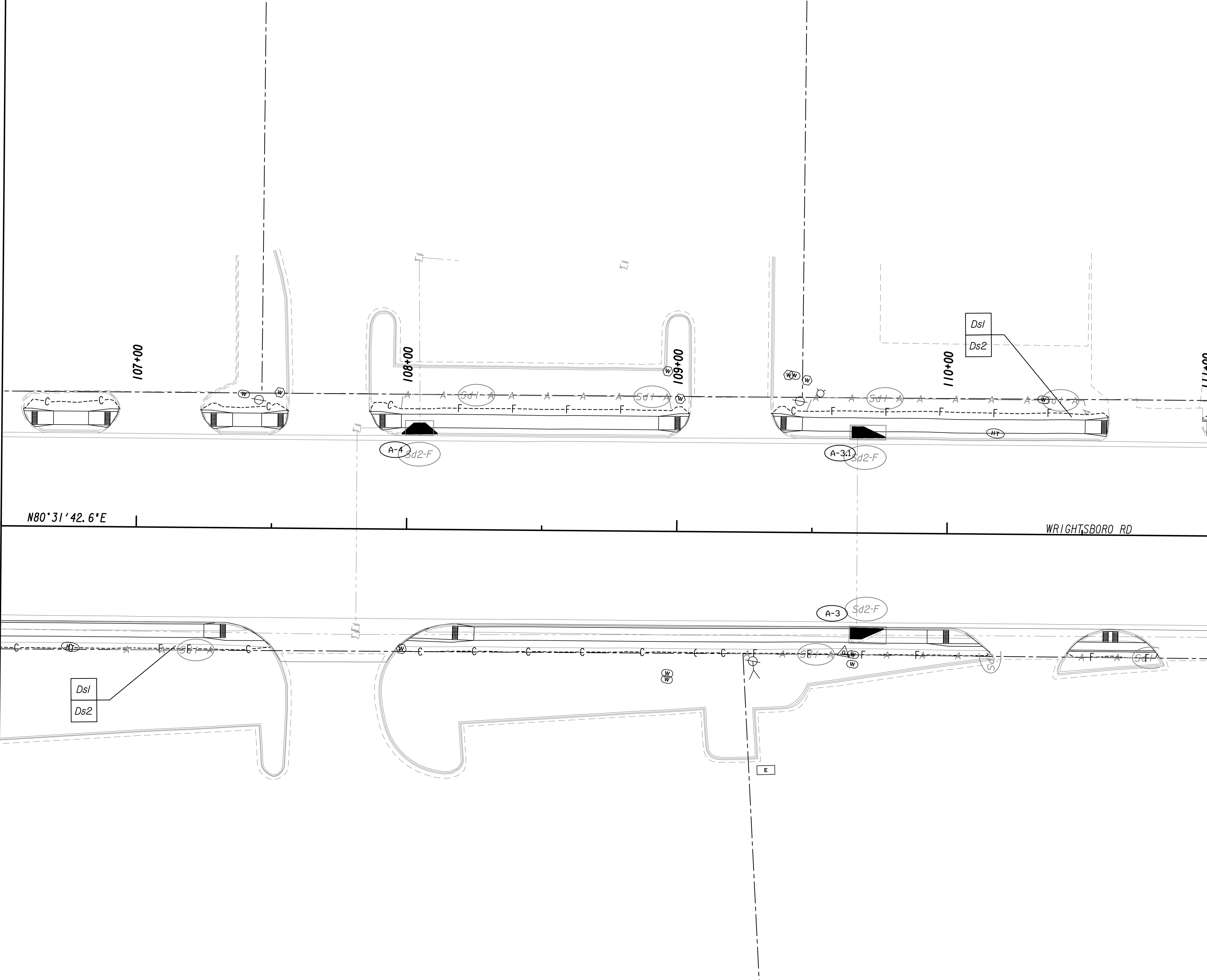
REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 106+50  
SEE DRAWING No. 54-2-0001

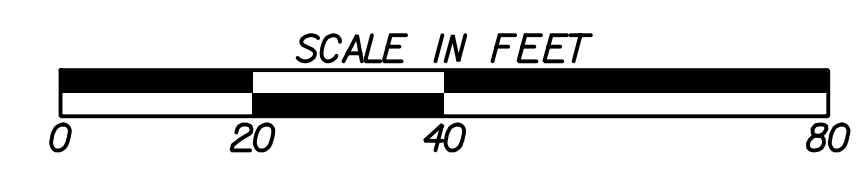
MATCH LINE STA. 111+00  
SEE DRAWING No. 54-2-0003



N80°31'42.6"E WRIGHTSBORO 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

---P--- BEGIN LIMIT OF ACCESS.....BLA  
 --- END LIMIT OF ACCESS.....ELA  
 ---C---F--- LIMIT OF ACCESS  
 --- REQ'D R/W & LIMIT OF ACCESS  
 [Hatched Box] ORANGE BARRIER FENCE  
 [Dotted Box] ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

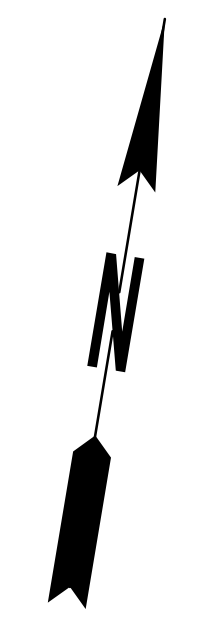


REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 INTERMEDIATE PHASE

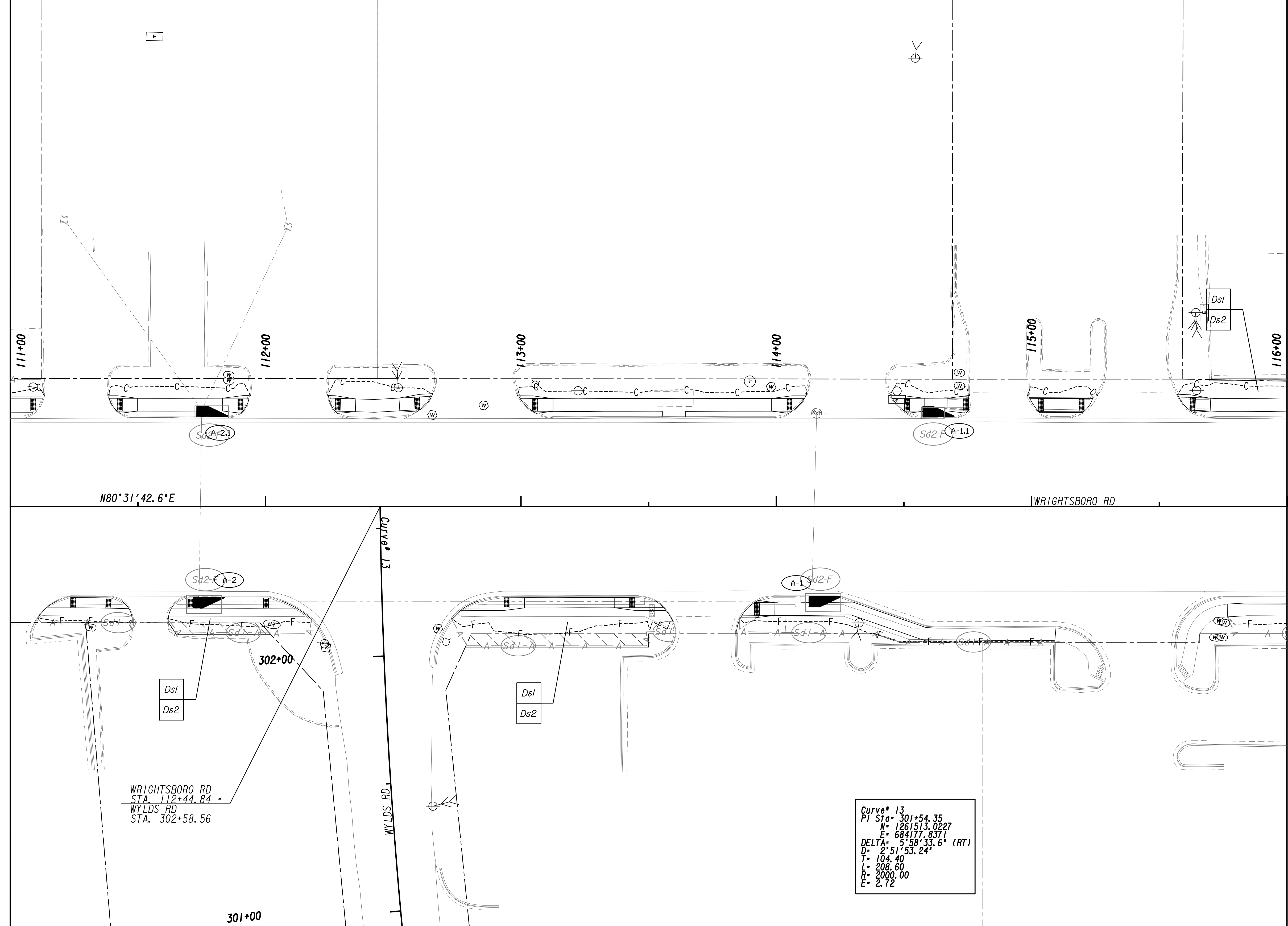
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-2-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	



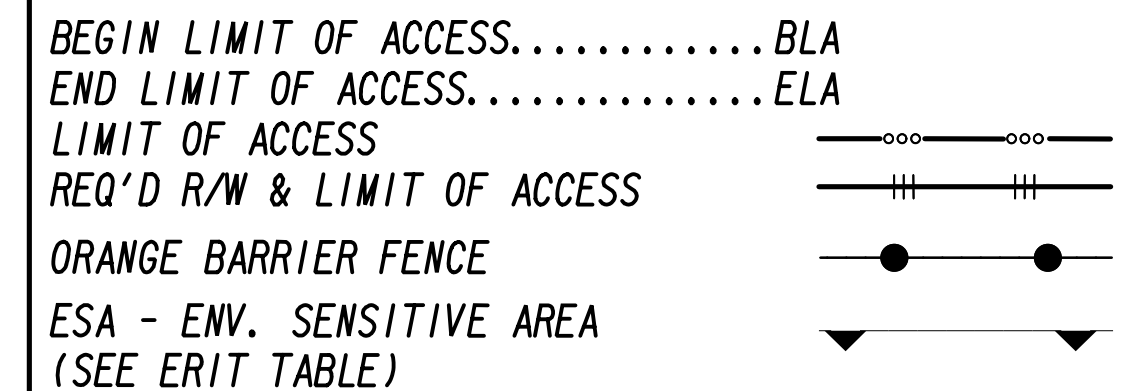


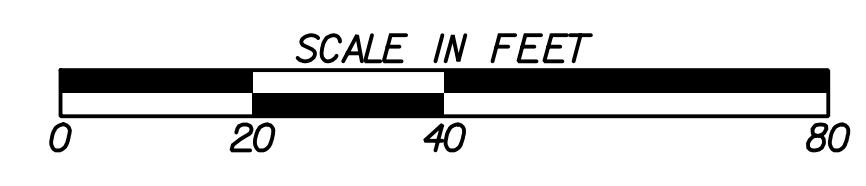
MATCH LINE STA. 111+00  
SEE DRAWING No. 54-2-0002

MATCH LINE STA. 116+00  
SEE DRAWING No. 54-2-0004



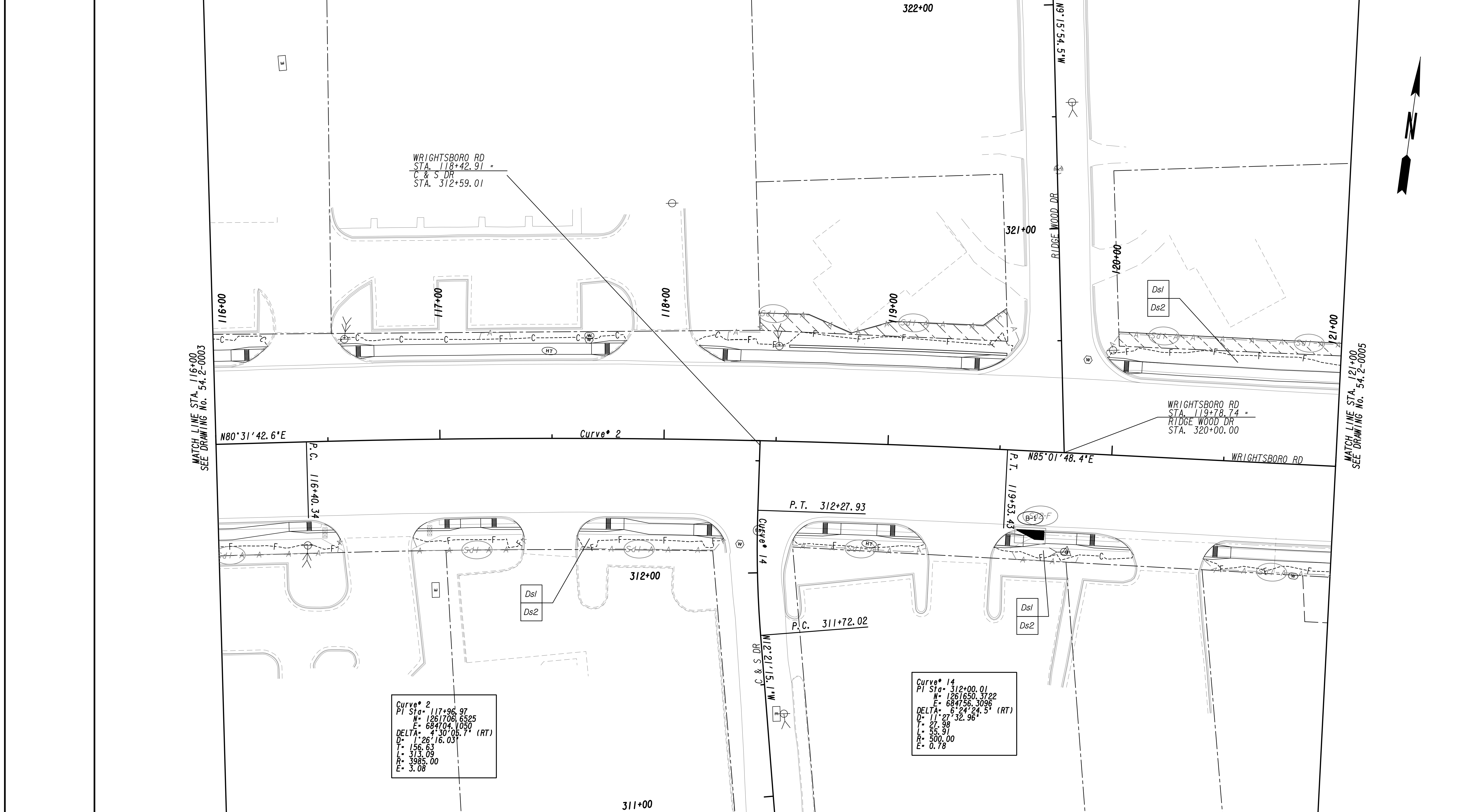
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES


 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)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54-2-0003	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



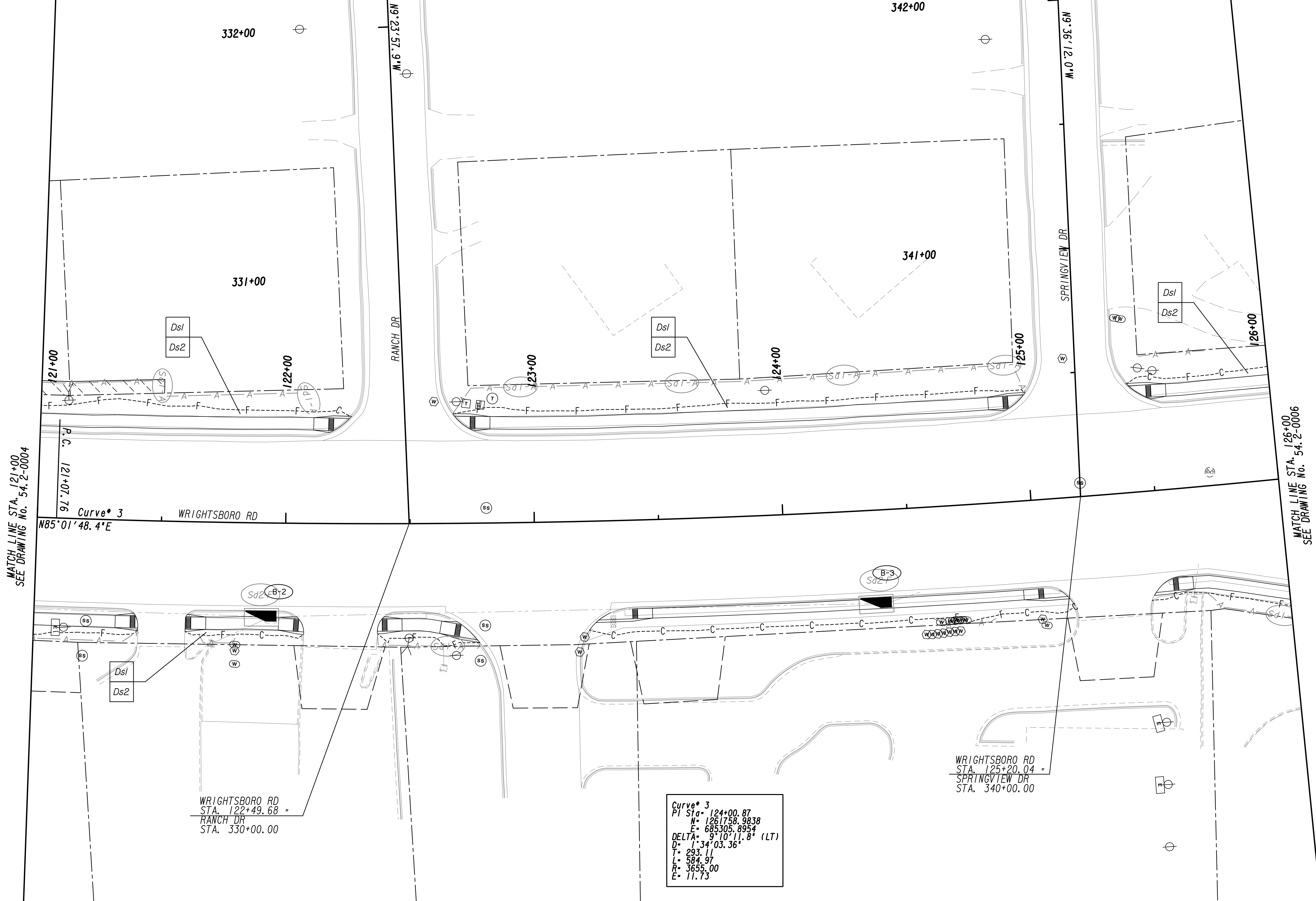
PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

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)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.2-0004



MATCH LINE STA. 121+00  
SEE DRAWING No. 54.2-0004

MATCH LINE STA. 126+00  
SEE DRAWING No. 54.2-0006

Curve\* 3  
N85°01'48.4"E  
P.C. 121+07.76

WRIGHTSBORO RD  
STA. 122+49.68 =  
RANCH DR  
STA. 330+00.00

Curve\* 3  
PI Sta. 124+00.87  
N= 1261758.9838  
E= 685305.8954  
DELTA= 9°10'11.8" (LT)  
D= 1°34'03.36"  
T= 293.11  
L= 584.97  
R= 3655.00  
E= 11.73

WRIGHTSBORO RD  
STA. 125+20.04 =  
SPRINGVIEW DR  
STA. 340+00.00

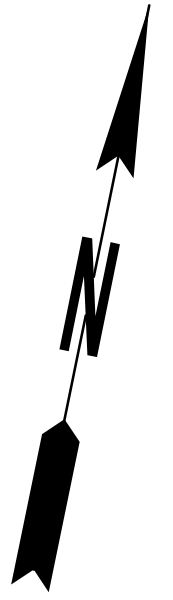
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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



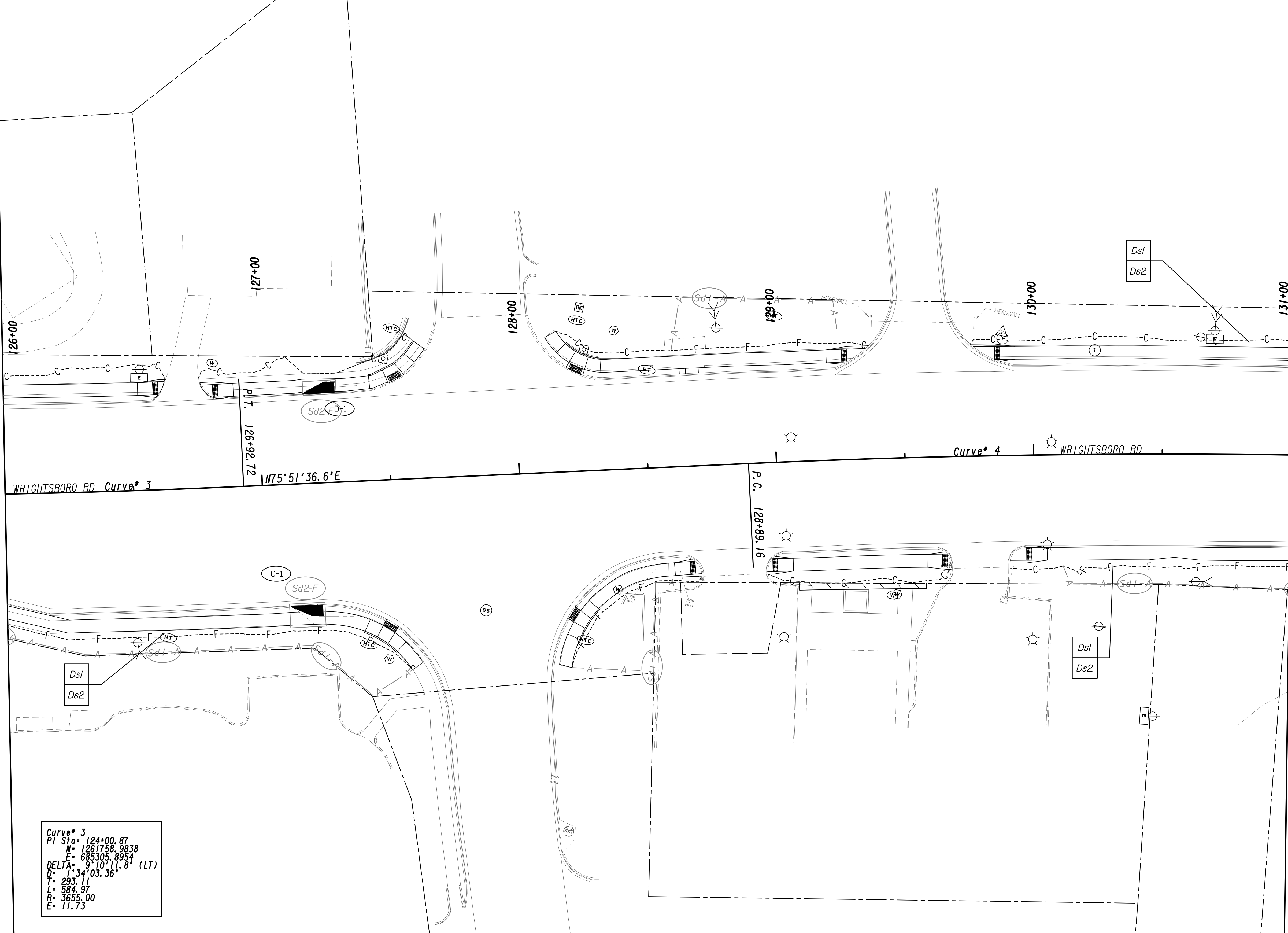
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54.2-0005	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



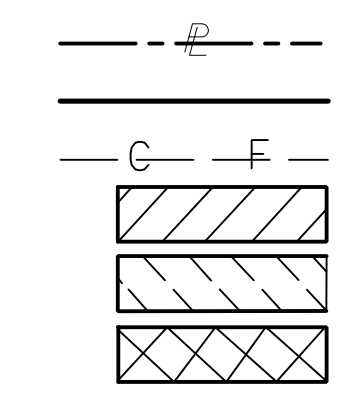
MATCH LINE STA. 126+00  
SEE DRAWING No. 54.2-0005

MATCH LINE STA. 131+00  
SEE DRAWING No. 54.2-0007

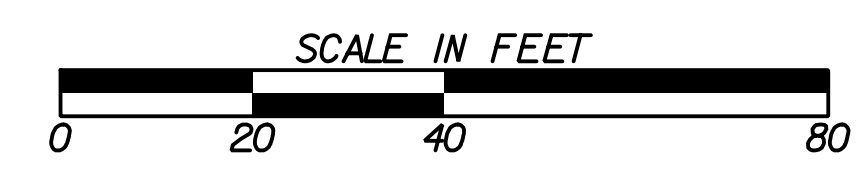


**Curve 3**  
 PI Sta = 124+00.87  
 N = 1261758.9838  
 E = 685305.8954  
 DELTA = 9°10'11.8" (LT)  
 D = 134'03.36"  
 T = 293.11  
 L = 584.97  
 R = 3655.00  
 E = 11.73

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



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54.2-0006	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

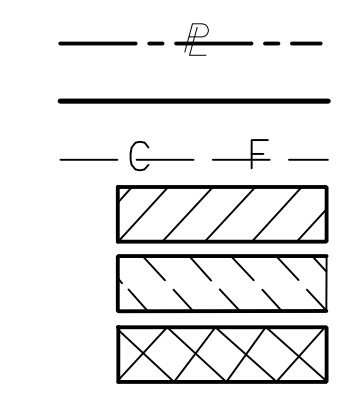
MATCH LINE STA. 131+00  
SEE DRAWING No. 54.2-0006

MATCH LINE STA. 136+00  
SEE DRAWING No. 54.2-0008

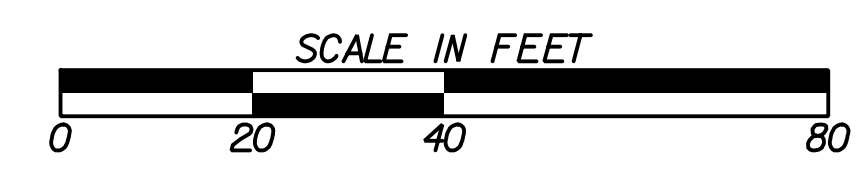


Curve\* 4  
 PI Sta= 132+07.28  
 N= 1261956.2881  
 E= 686089.0914  
 DELTA= 101°05'58.9" (RT)  
 D= 1'35"29.58"  
 L= 318.12  
 R= 634.58  
 E= 3600.00  
 E= 14.03

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

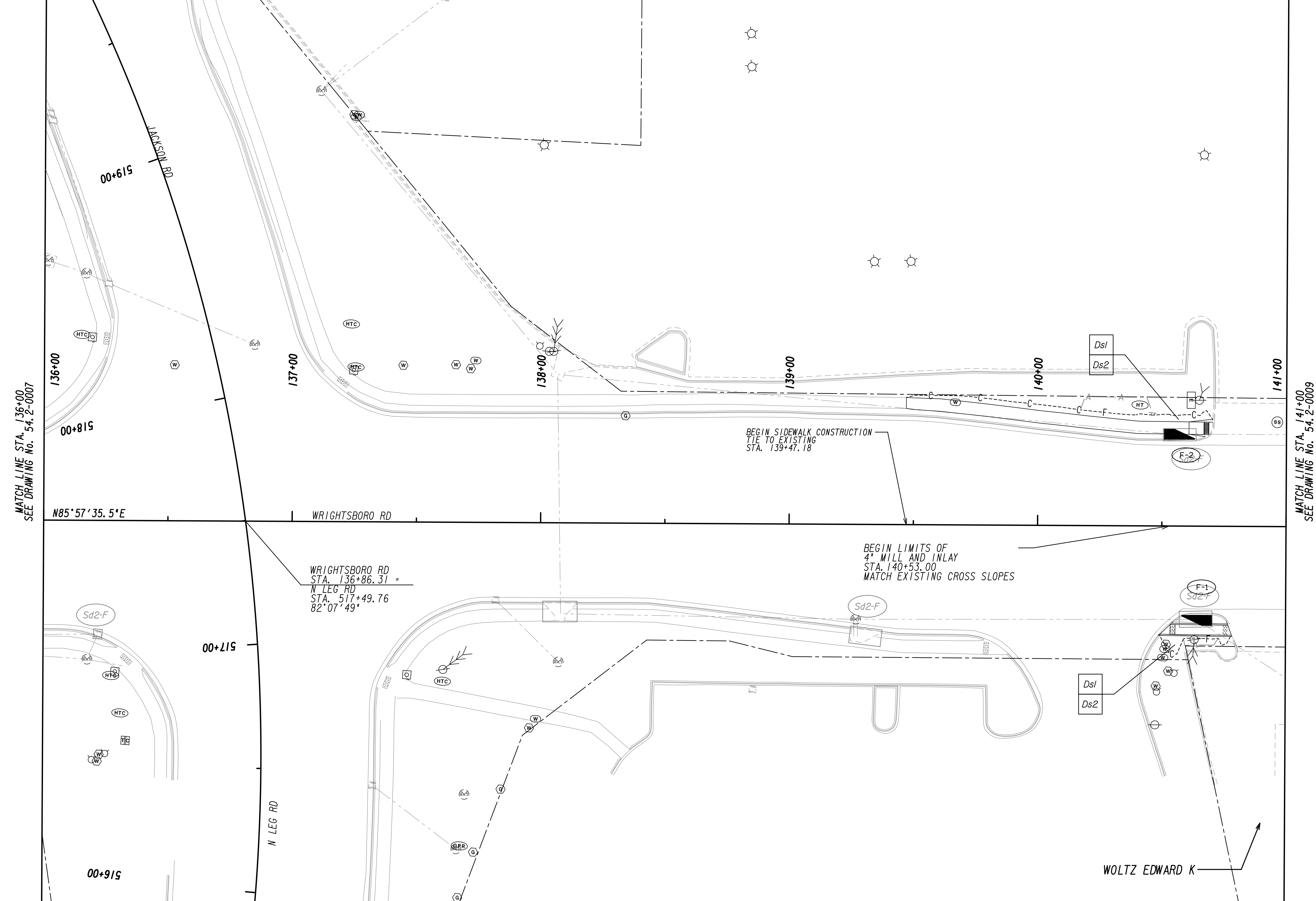


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.2-0007



MATCH LINE STA. 136+00  
 SEE DRAWING No. 54-2-0007

MATCH LINE STA. 141+00  
 SEE DRAWING No. 54-2-0009

N85°57'35.5"E

WRIGHTSBORO RD

WRIGHTSBORO RD  
 STA. 136+86.31 -  
 N LEG RD  
 STA. 517+49.76  
 82°07'49"

BEGIN LIMITS OF  
 4" MILL AND INLAY  
 STA. 140+53.00  
 MATCH EXISTING CROSS SLOPES

BEGIN SIDEWALK CONSTRUCTION  
 TIE TO EXISTING  
 STA. 139+47.18

Sd2-F

Sd2-F

F-1  
 Sd2-F

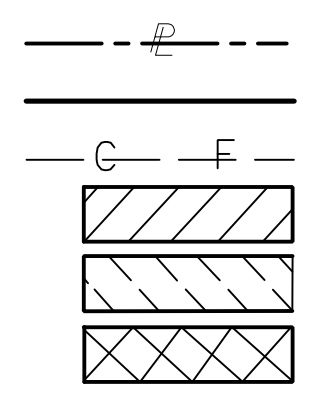
00+91S

00+11S

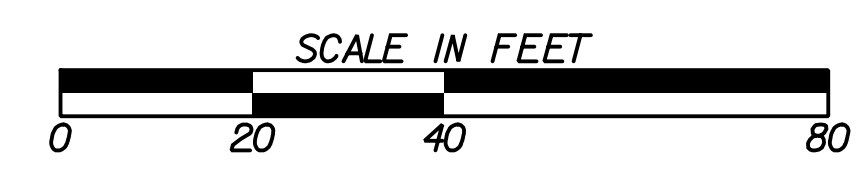
N LEG RD

WOLTZ EDWARD K

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



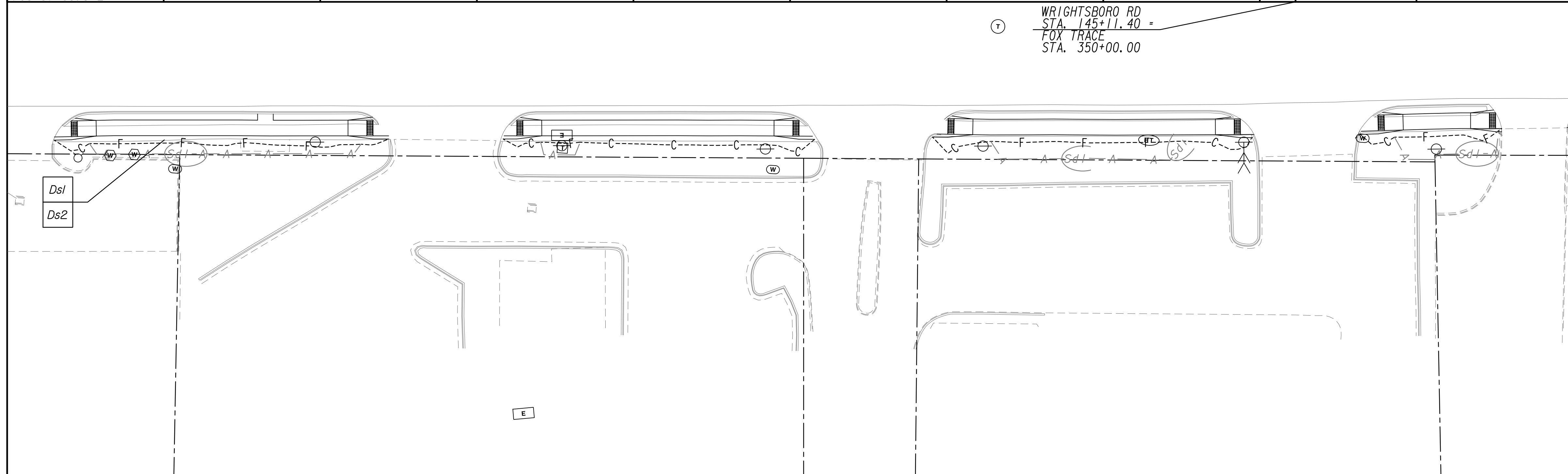
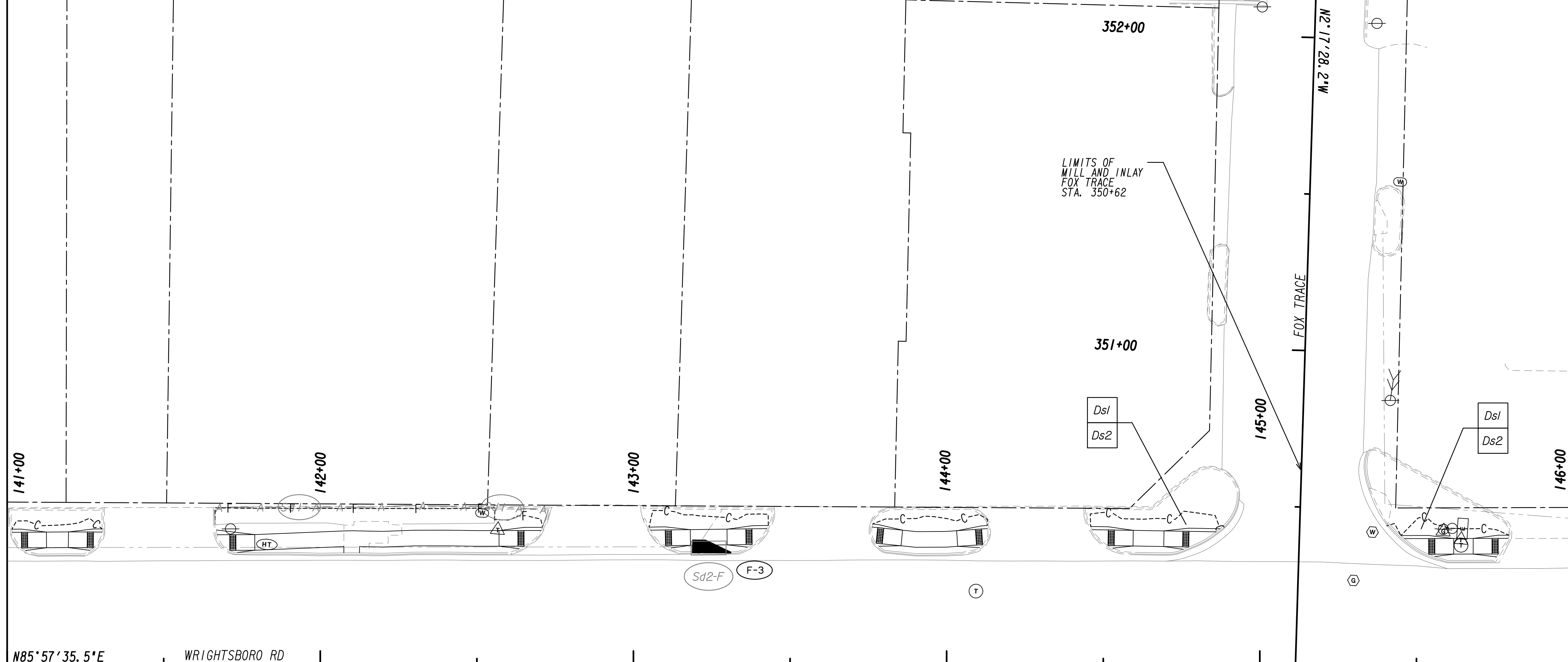
REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-2-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	

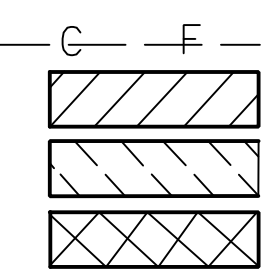


MATCH LINE STA. 141+00  
SEE DRAWING No. 54.2-0008

MATCH LINE STA. 146+00  
SEE DRAWING No. 54.2-0010



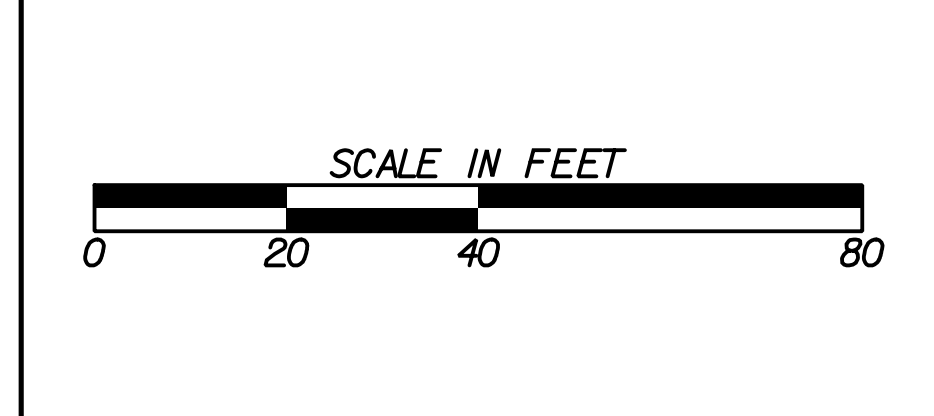
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

--- P --- BEGIN LIMIT OF ACCESS.....BLA  
 --- ELA --- END LIMIT OF ACCESS.....ELA  
 --- C --- F --- LIMIT OF ACCESS  

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

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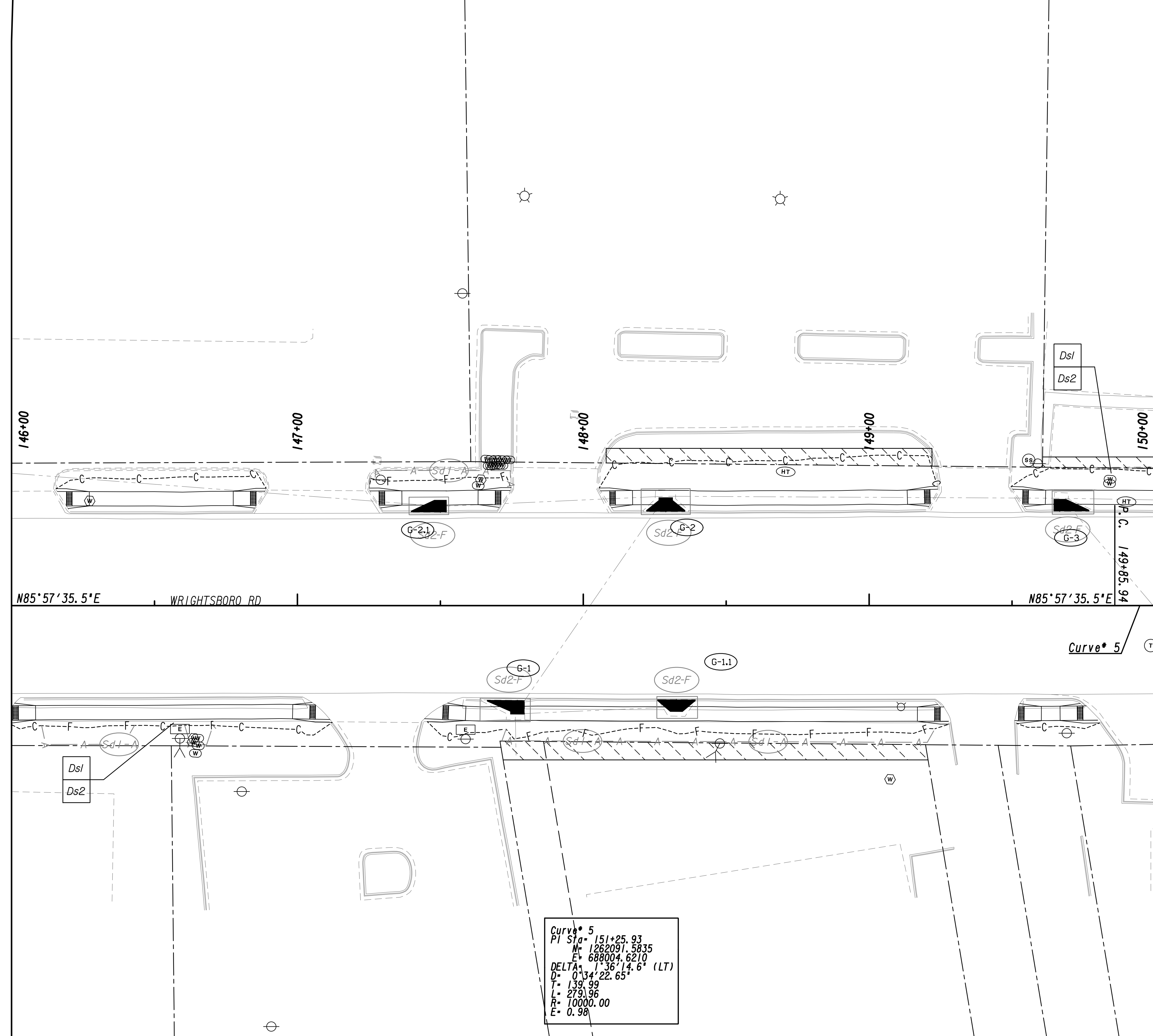
6745 Sugarloaf Parkway, Suite 100  
 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 INTERMEDIATE PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0009
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 146+00  
SEE DRAWING No. 54.2-0009

MATCH LINE STA. 150+00  
SEE DRAWING No. 54.2-0011

Curve\* 5  
 PI Sta= 151+25.93  
 M= 1262091.5835  
 E= 688004.6210  
 DELTA= 1°36'14.6\" (LT)  
 D= 0'34\" 22.65'  
 T= 139.99'  
 L= 279.96'  
 R= 10000.00'  
 E= 0.98

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

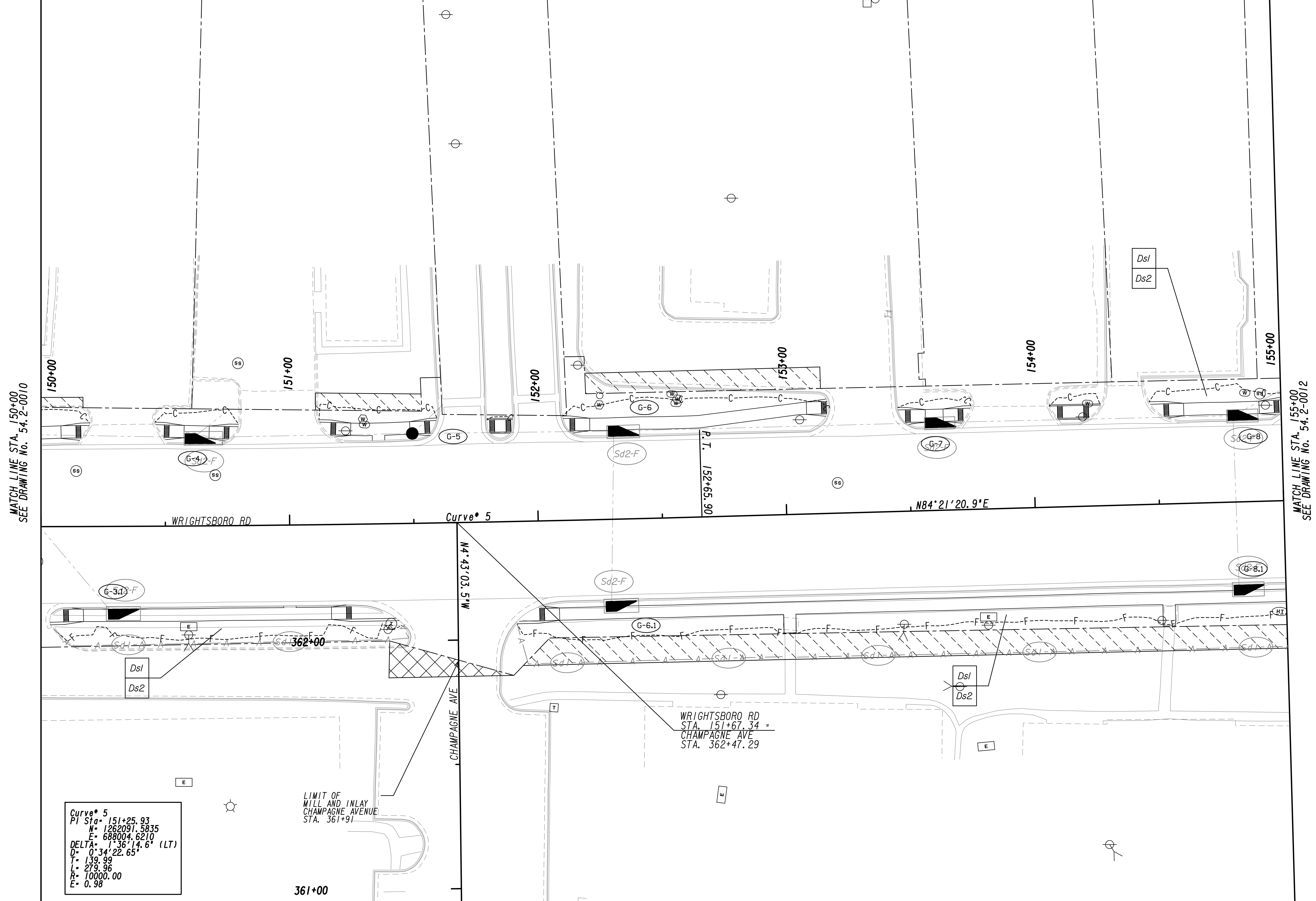
---P--- BEGIN LIMIT OF ACCESS.....BLA  
 --- END LIMIT OF ACCESS.....ELA  
 --- LIMIT OF ACCESS  
 --- REQ'D R/W & LIMIT OF ACCESS  
 --- ORANGE BARRIER FENCE  
 --- ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE			
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
VERIFIED:	DATE:		
DRAWING No.			54.2-0010





Curve\* 5  
 PI Sta= 151+25.93  
 N= 1262091.5835  
 E= 688004.6210  
 DELTA= 1°36'14.6" (LT)  
 D= 0°34'22.65"  
 T= 139.99  
 L= 279.96  
 R= 10000.00  
 E= 0.98

LIMIT OF WILL AND INLAY  
 CHAMPAGNE AVENUE  
 STA. 361+91

WRIGHTSBORO RD  
 STA. 151+67.34 =  
 CHAMPAGNE AVE  
 STA. 362+47.29

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)



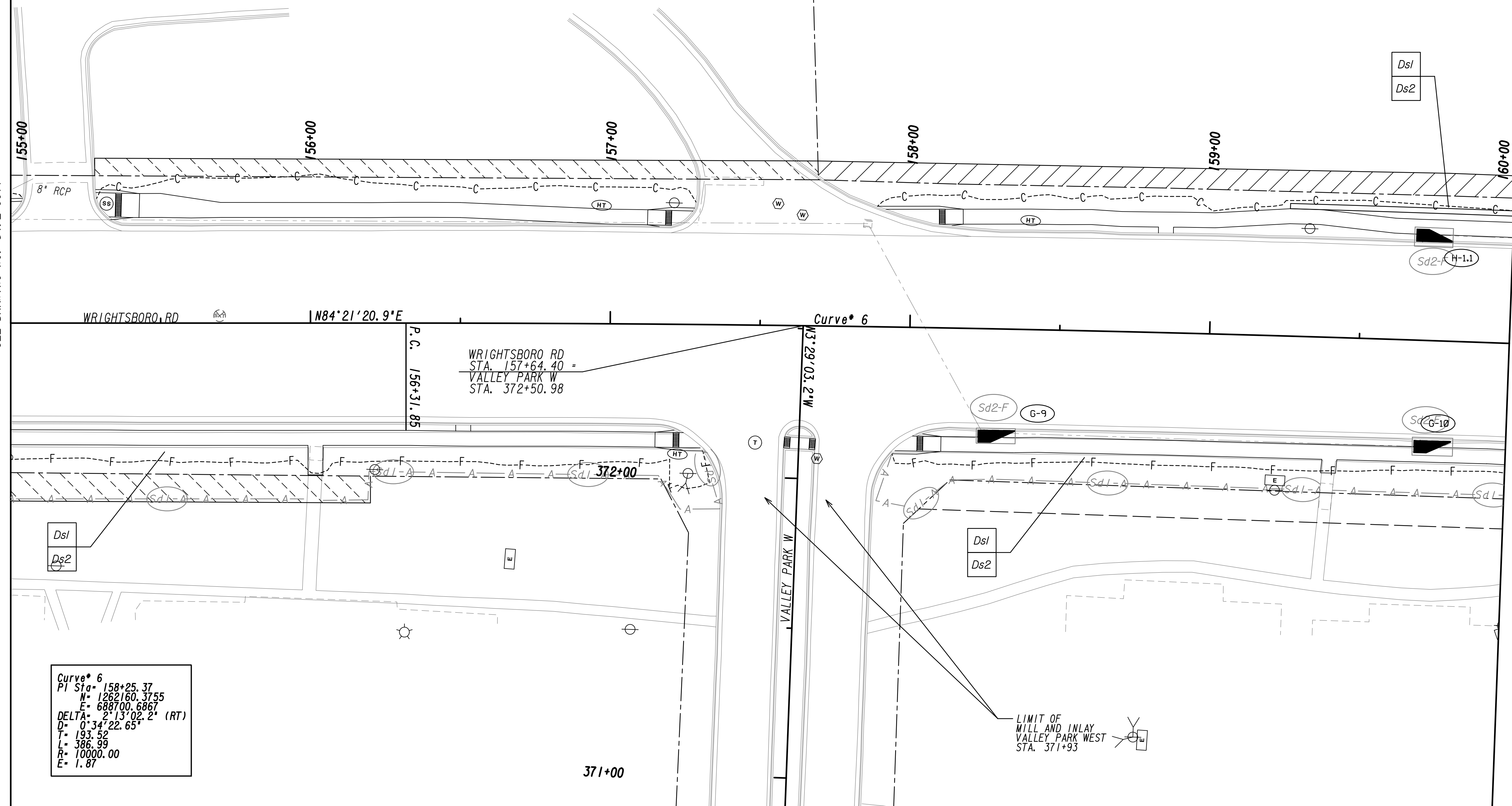
REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0011
CORRECTED:	DATE:	
VERIFIED:	DATE:	

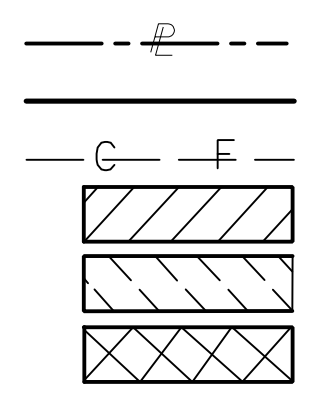


MATCH LINE STA. 155+00  
SEE DRAWING No. 54.2-0011

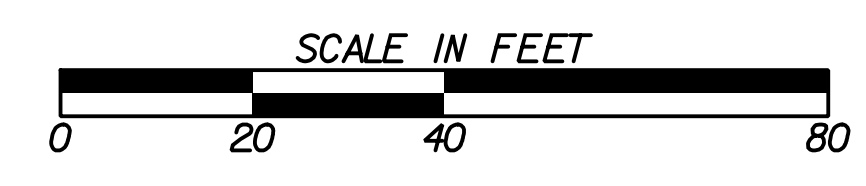
MATCH LINE STA. 160+00  
SEE DRAWING No. 54.2-0013



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)



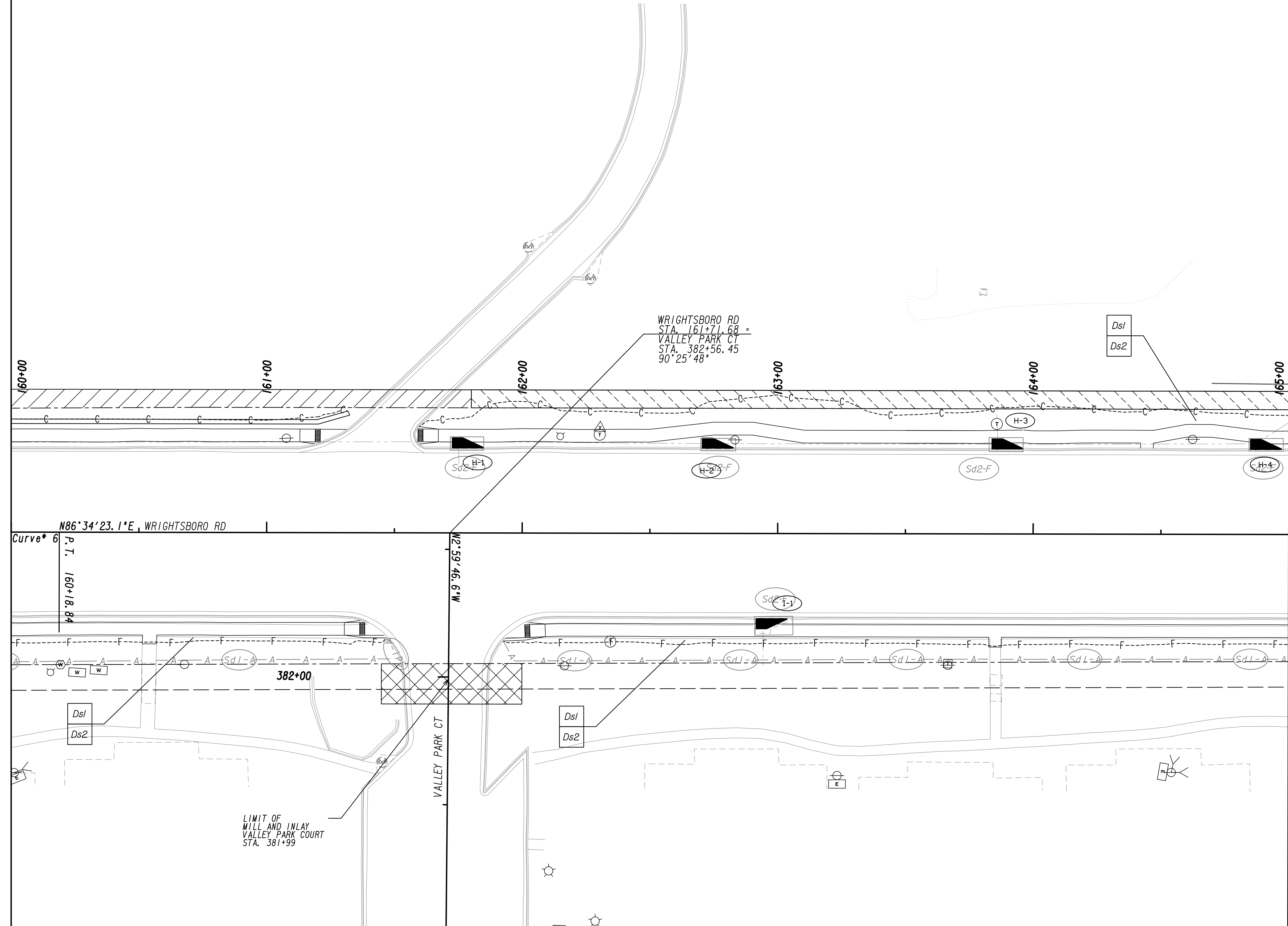
REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0012
CORRECTED:	DATE:	
VERIFIED:	DATE:	



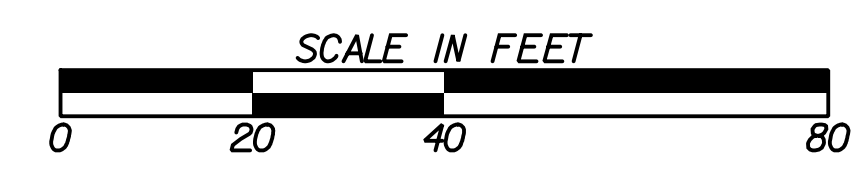
MATCH LINE STA. 160+00  
SEE DRAWING No. 54.2-0012

MATCH LINE STA. 165+00  
SEE DRAWING No. 54.2-0014



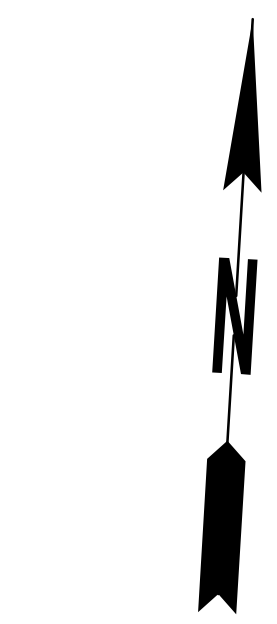
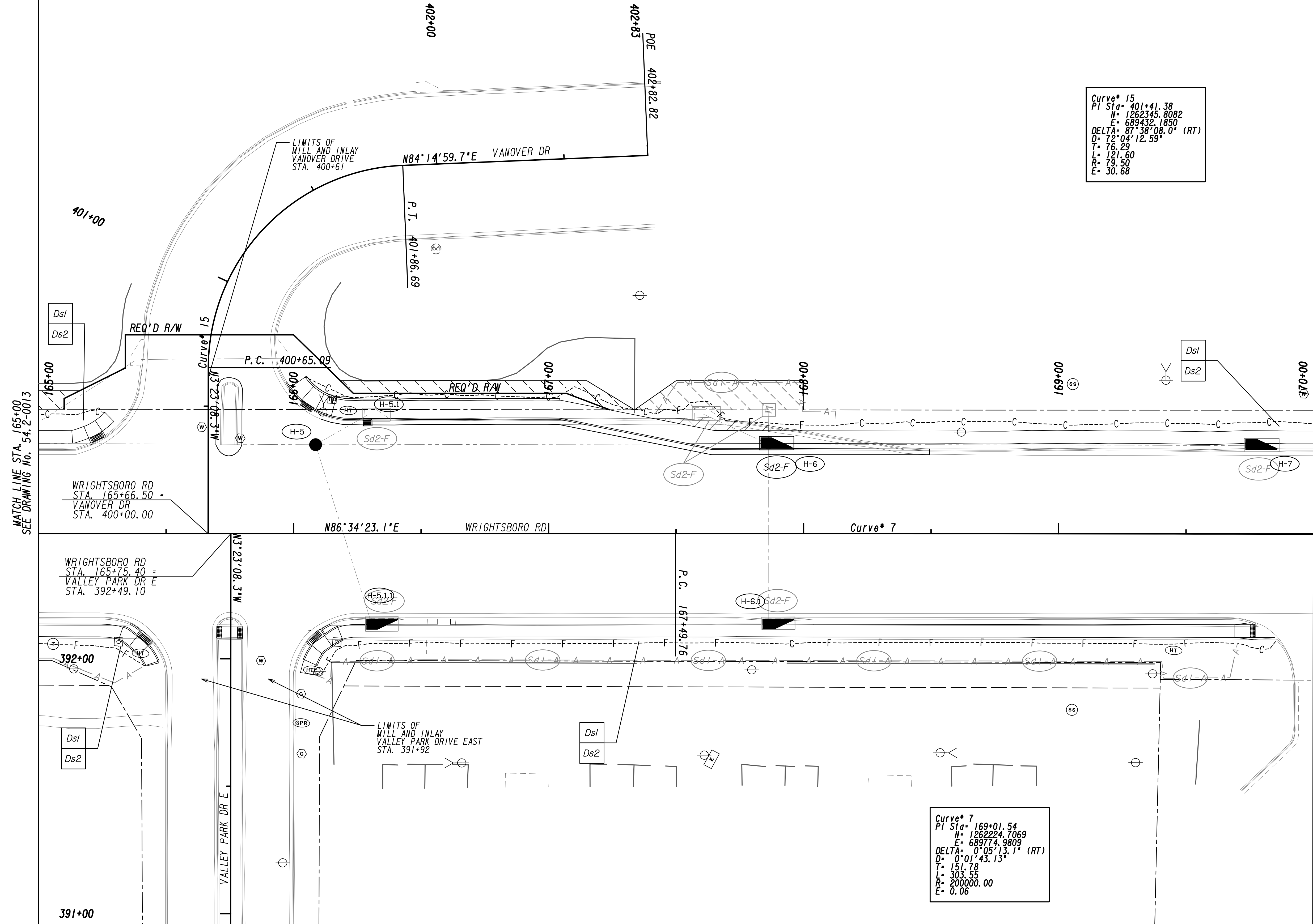
PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

— P ——— 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)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.2-0013

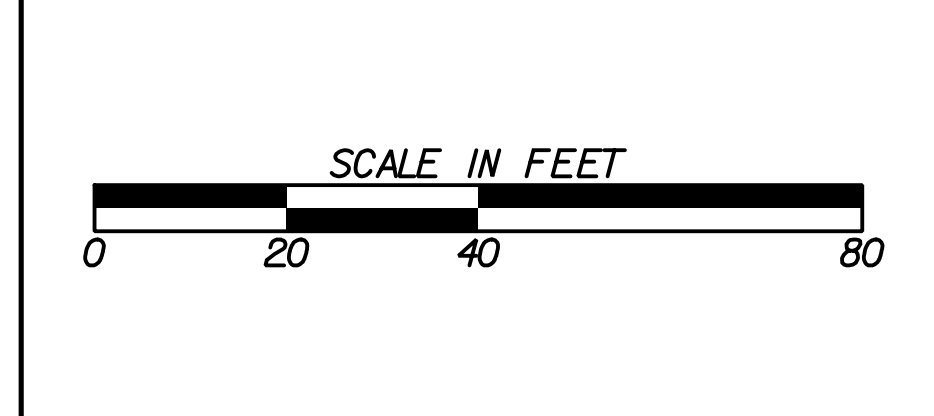


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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)

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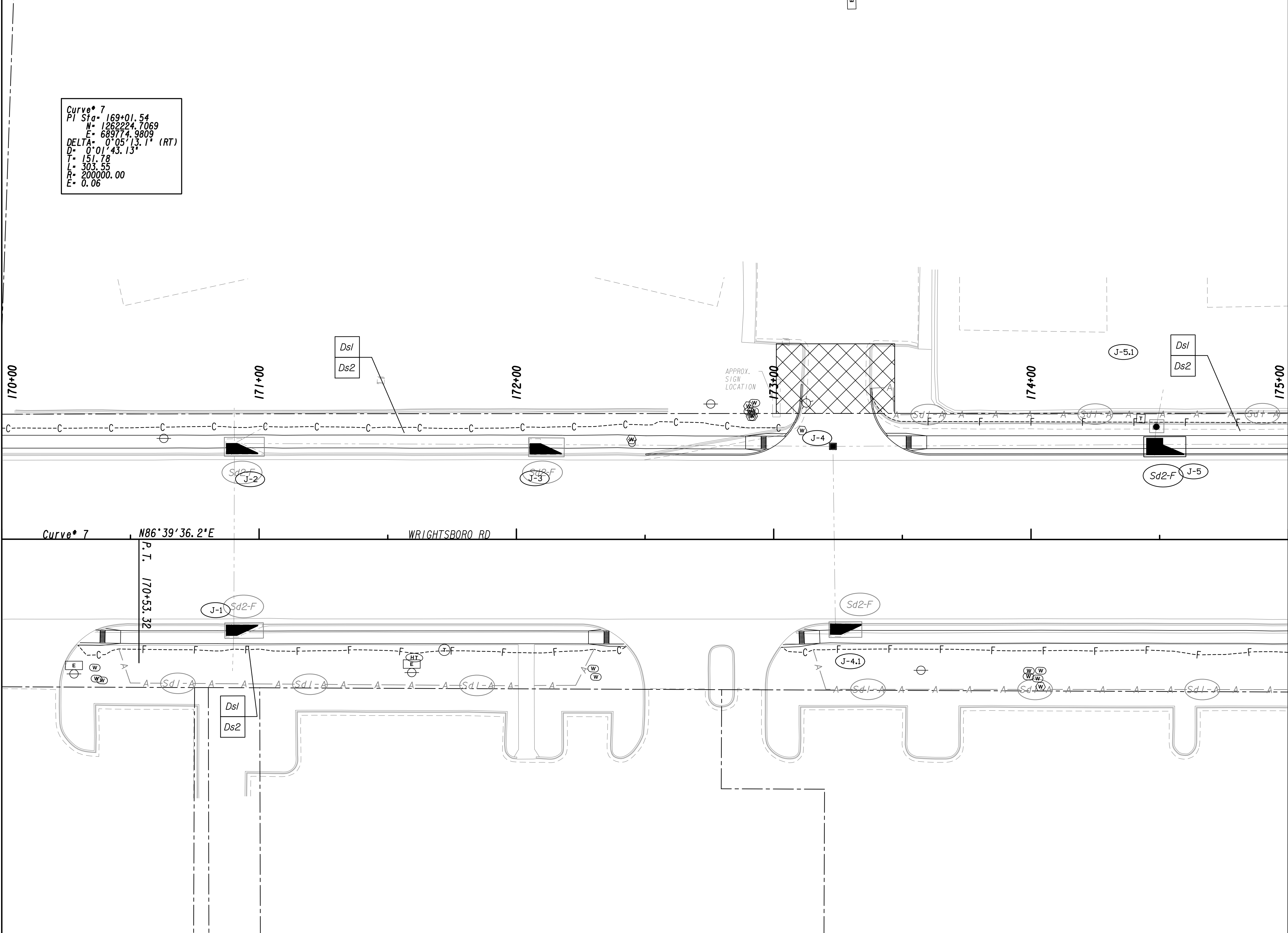
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.2-0014

Curve\* 7  
 PI Sta= 169+01.54  
 N= 1262224.7069  
 E= 689774.9809  
 DELTA= 0°05'13.1" (RT)  
 D= 0°01'43.13"  
 T= 151.78  
 L= 303.55  
 R= 200000.00  
 E= 0.06

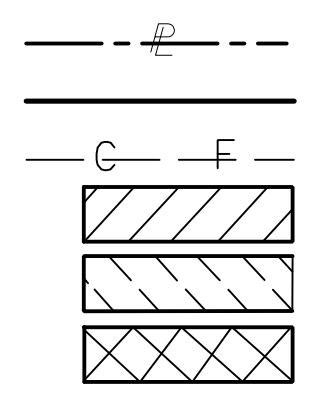
MATCH LINE STA. 170+00  
 SEE DRAWING No. 54.2-0014

MATCH LINE STA. 175+00  
 SEE DRAWING No. 54.2-0016



Curve\* 7 N86°39'36.2"E  
 P.T. 170+53.32  
 WRIGHTSBORO 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)



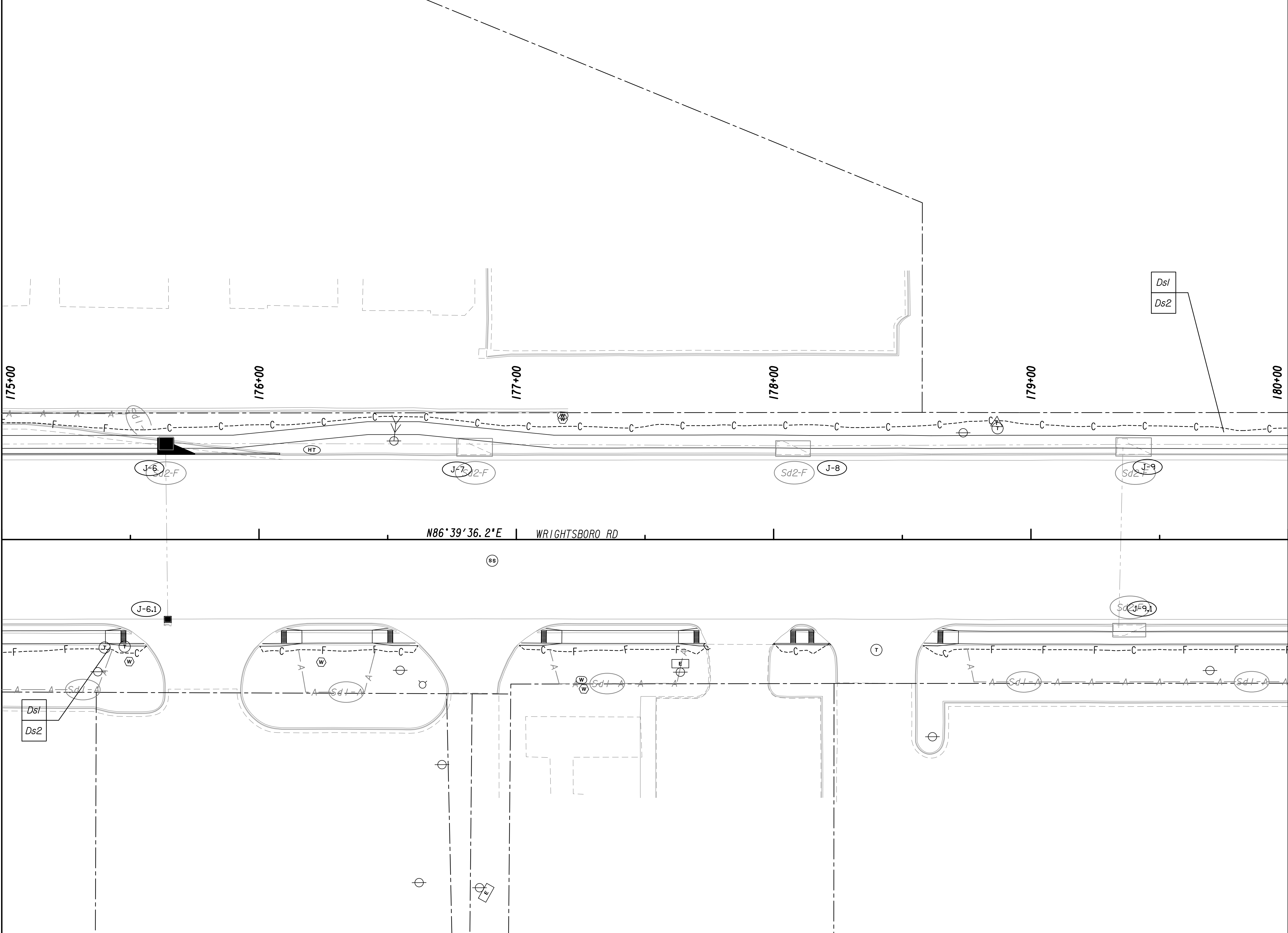
REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0015
CORRECTED:	DATE:	
VERIFIED:	DATE:	



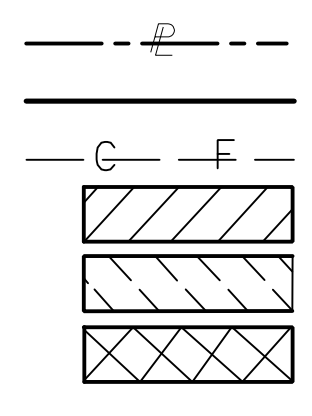
MATCH LINE STA. 175+00  
SEE DRAWING No. 54-2-0015

MATCH LINE STA. 180+00  
SEE DRAWING No. 54-2-0017



N86°39'36.2"E WRIGHTSBORO 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)



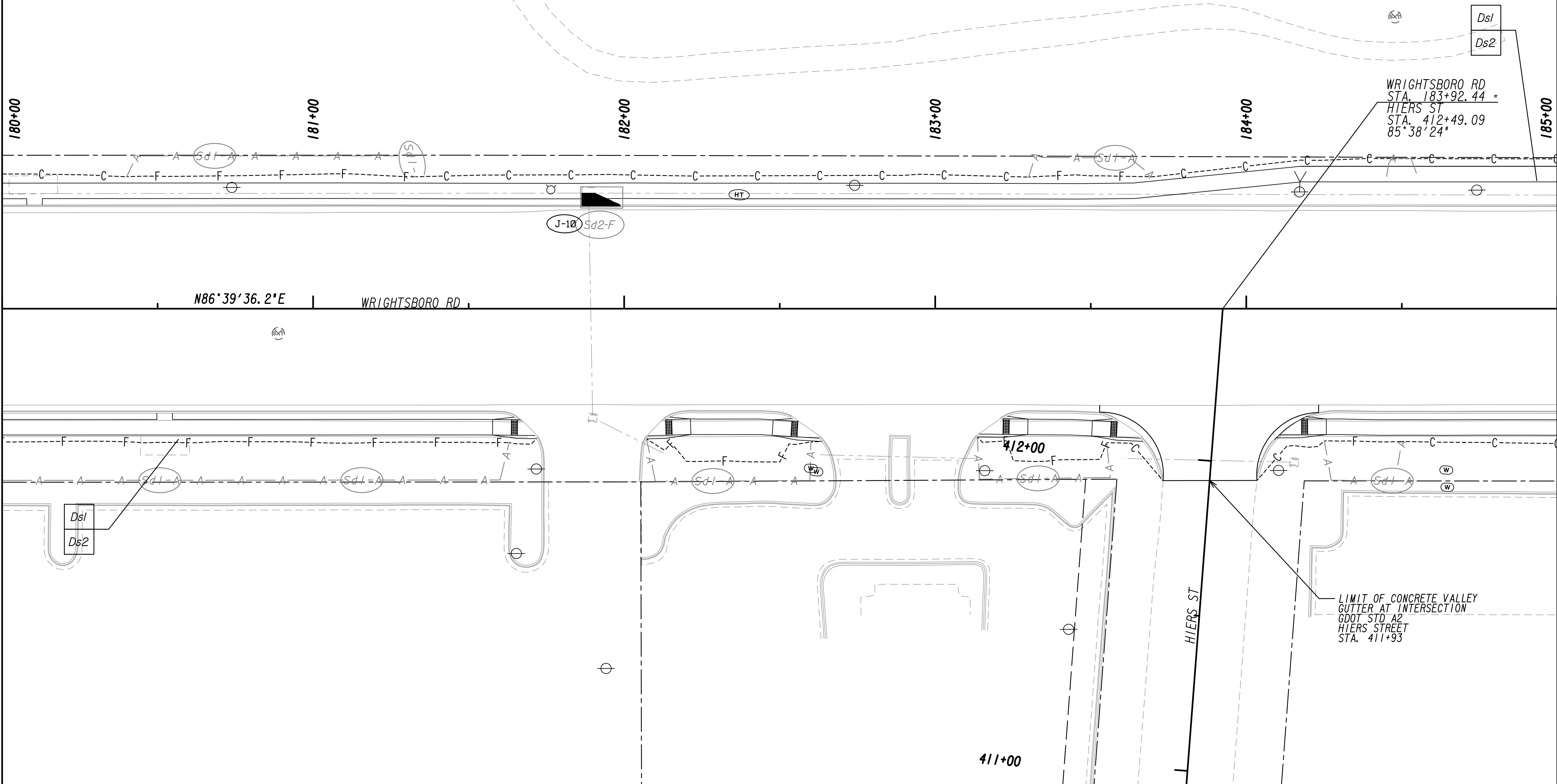
REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 INTERMEDIATE PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-2-0016
CORRECTED:	DATE:	
VERIFIED:	DATE:	

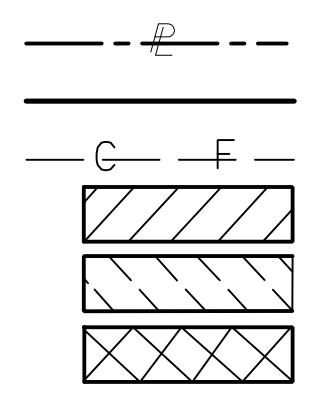


MATCH LINE STA. 180+00  
SEE DRAWING No. 54-2-0016

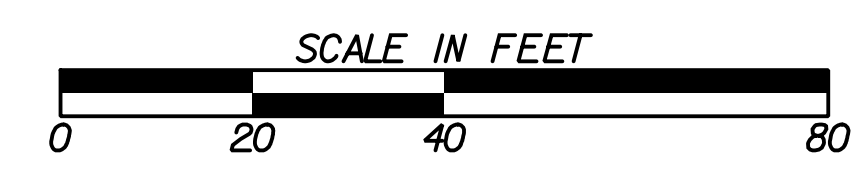


MATCH LINE STA. 185+00  
SEE DRAWING No. 54-2-0018

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



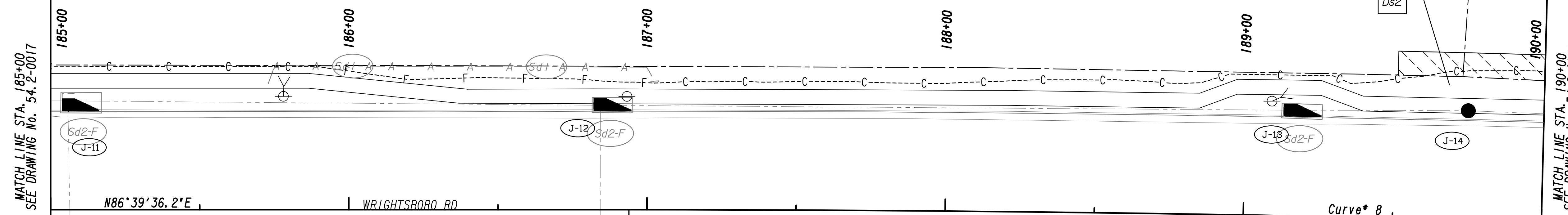
REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 INTERMEDIATE PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-2-0017
CORRECTED:	DATE:	
VERIFIED:	DATE:	

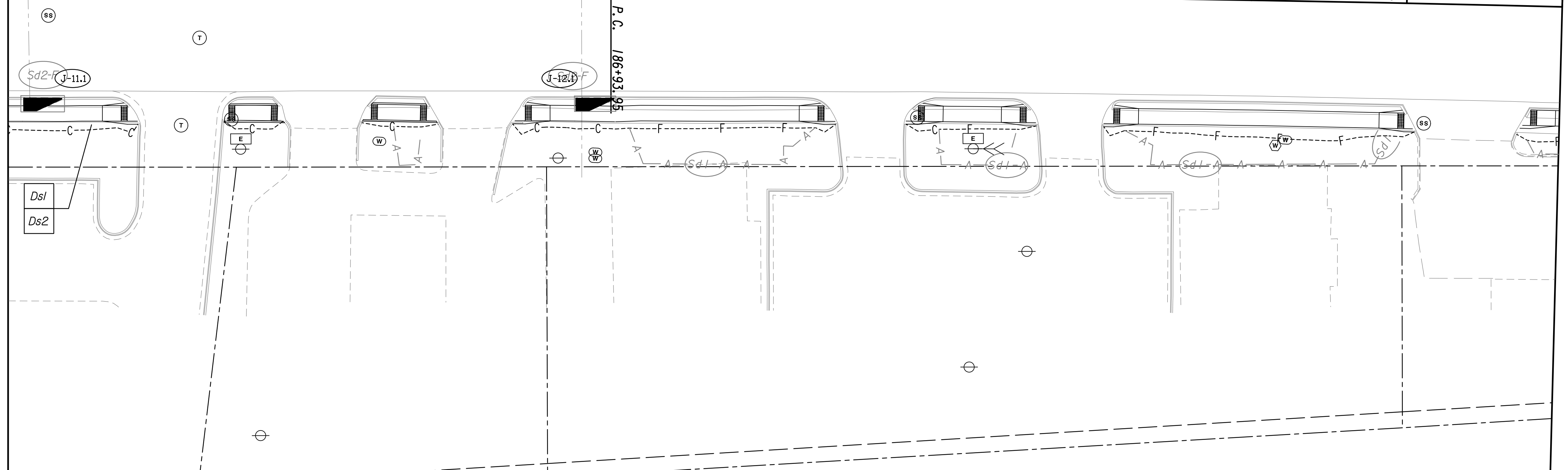


Curve\* 8  
 PI Sta= 191+34.33  
 W= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0°28'38.87"  
 T= 440.38  
 L= 880.76  
 R= 12000.00  
 E= 8.08



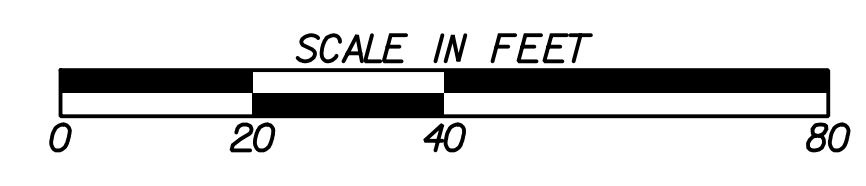
MATCH LINE STA. 185+00  
 SEE DRAWING No. 54.2-0017

MATCH LINE STA. 190+00  
 SEE DRAWING No. 54.2-0019



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

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

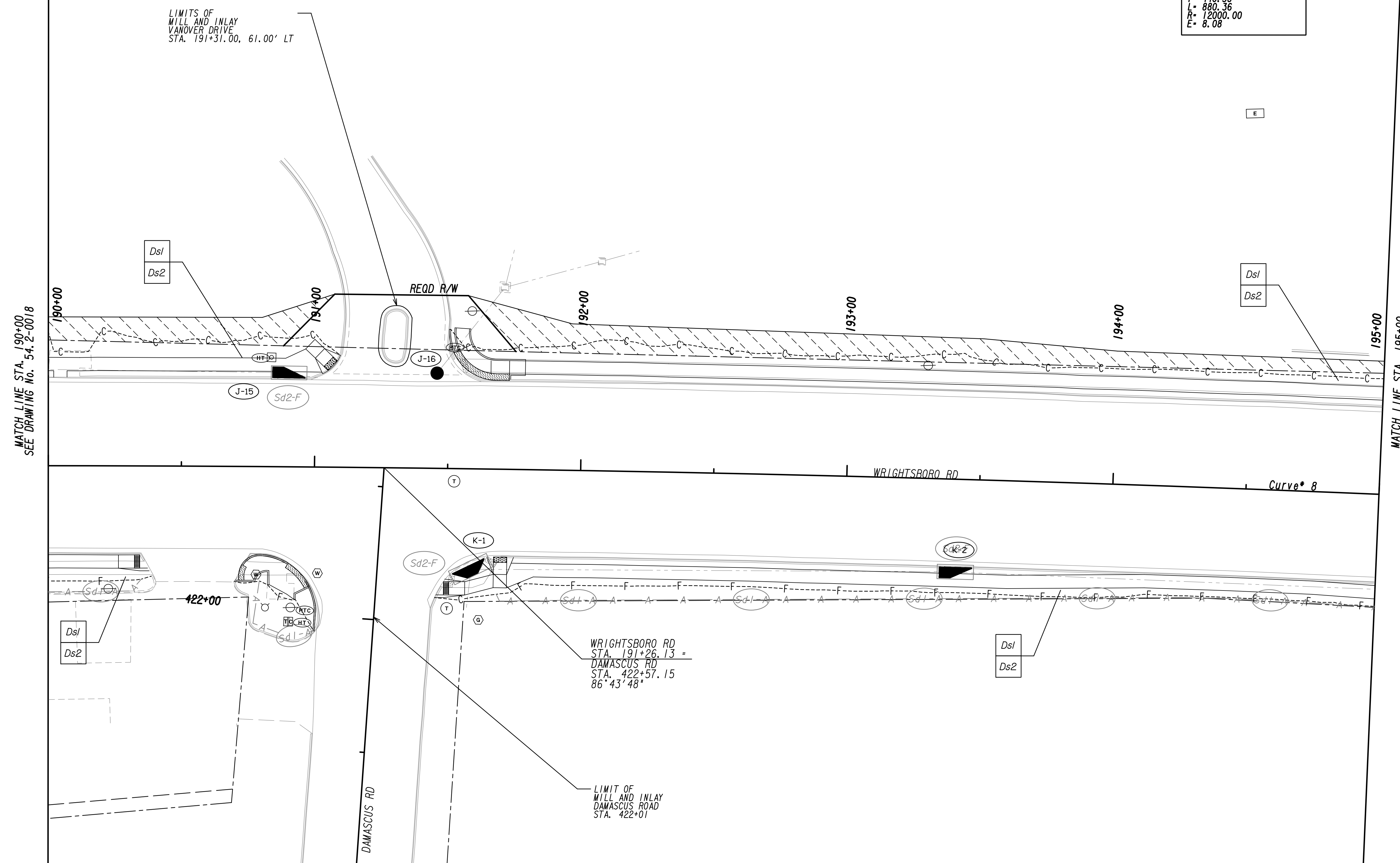


REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0018
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Curve\* 8  
 PI Sta= 191+34.33  
 N= 1262354.7895  
 E= 692003.9739  
 DELTA= 7°12'12.3" (RT)  
 D= 0'28"38.87"  
 L= 880.36  
 R= 12000.00  
 E= 8.08



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

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

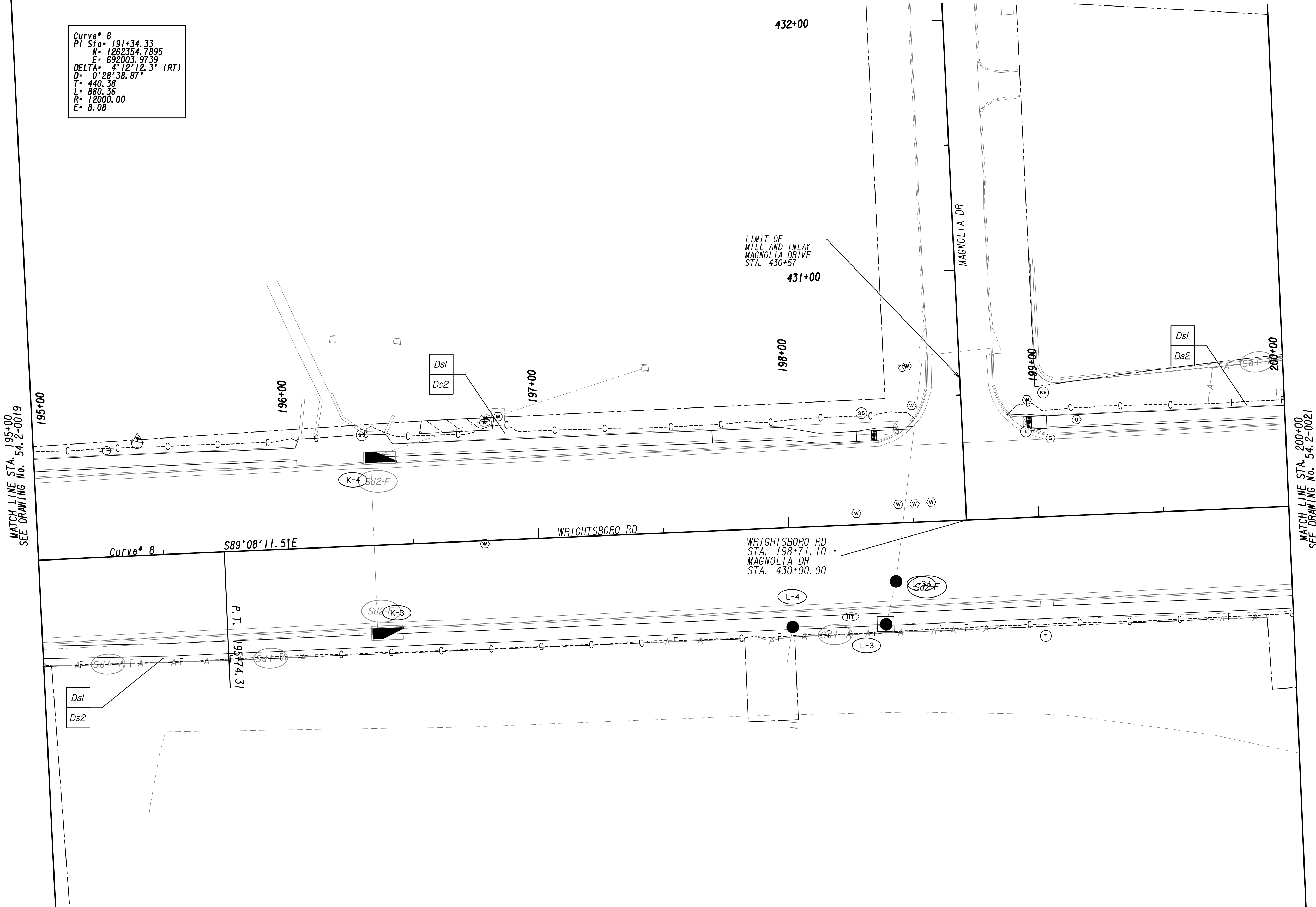


REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.2-0019



Curve\* 8  
 PI Sta= 191+34.33  
 N= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0'28"38.87"  
 T= 440.38  
 L= 880.36  
 R= 12000.00  
 E= 8.08



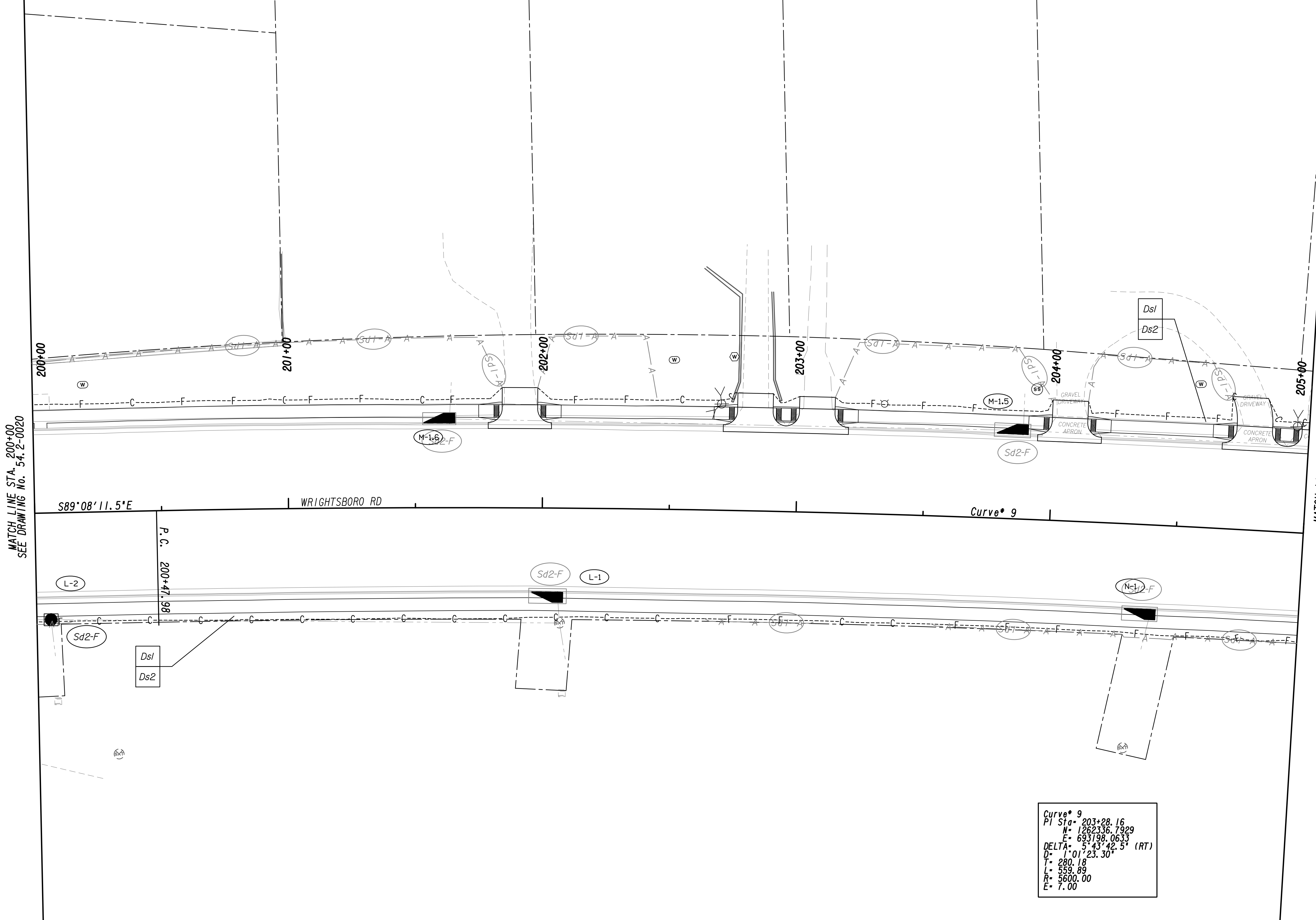
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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



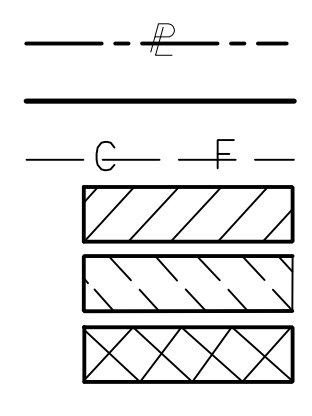
REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0020
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Curve\* 9  
 PI Sta = 203+28.16  
 N = 126°33'6.7929  
 E = 69°19'8.0633  
 DELTA = 5°43'42.5" (RT)  
 D = 1°01'23.30"  
 T = 280.18  
 L = 559.89  
 R = 5600.00  
 E = 7.00

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)

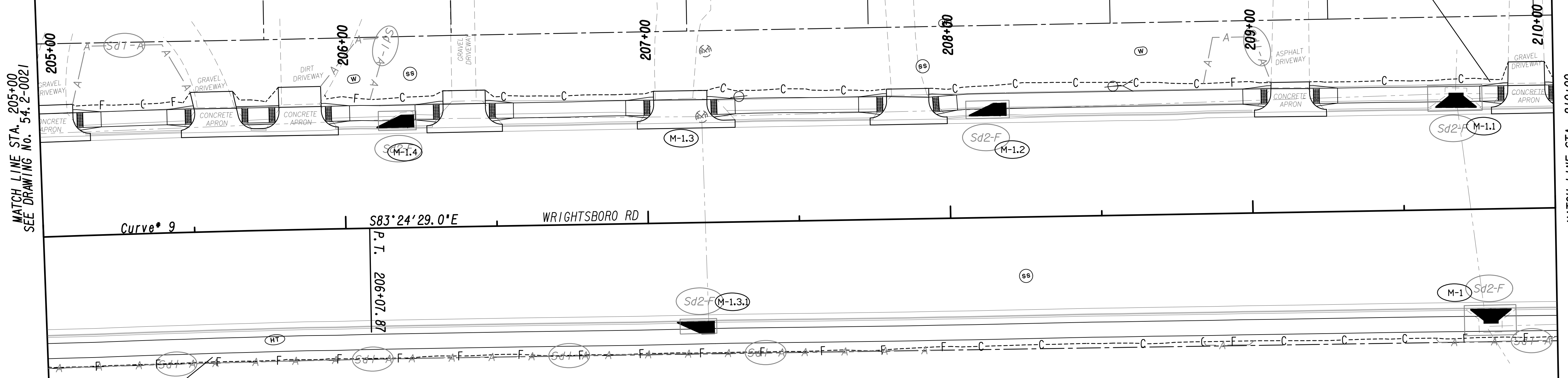
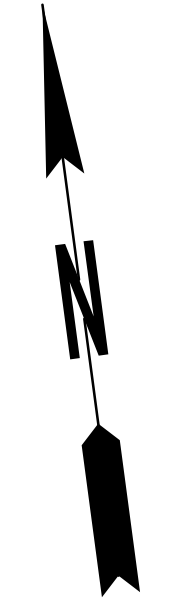


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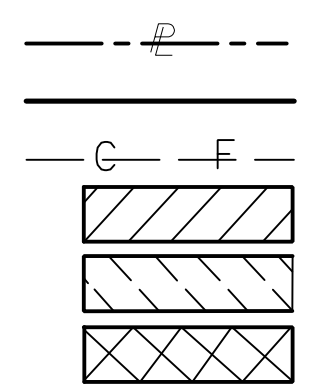


REVISION DATES	

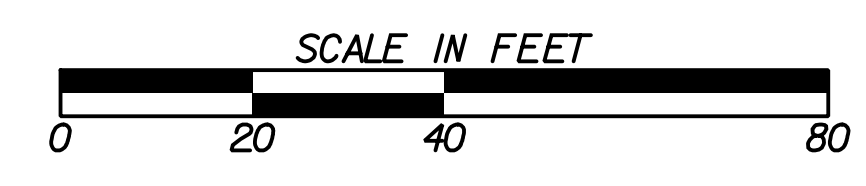
BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54.2-0021	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



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

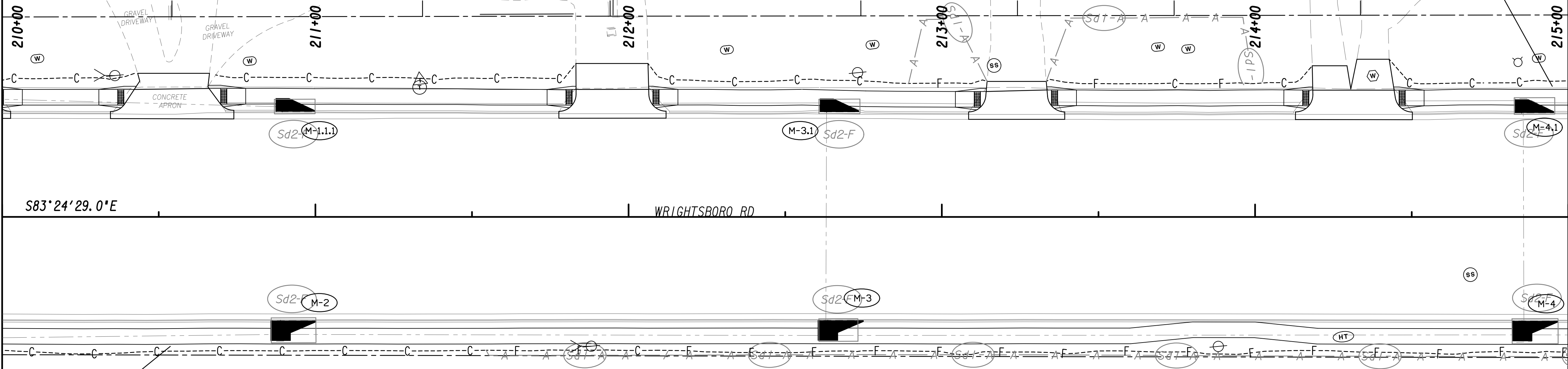


REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0022
CORRECTED:	DATE:	
VERIFIED:	DATE:	

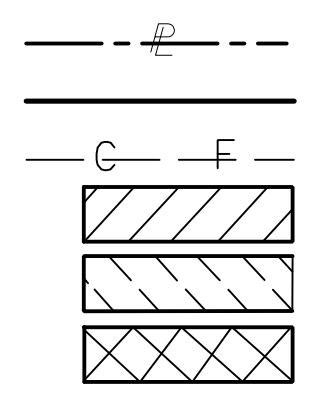


MATCH LINE STA. 210+00  
SEE DRAWING No. 54.2-0022

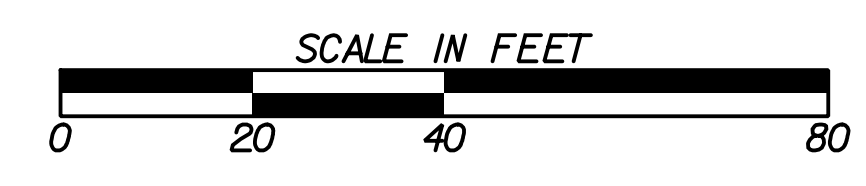


MATCH LINE STA. 215+00  
SEE DRAWING No. 54.2-0024

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



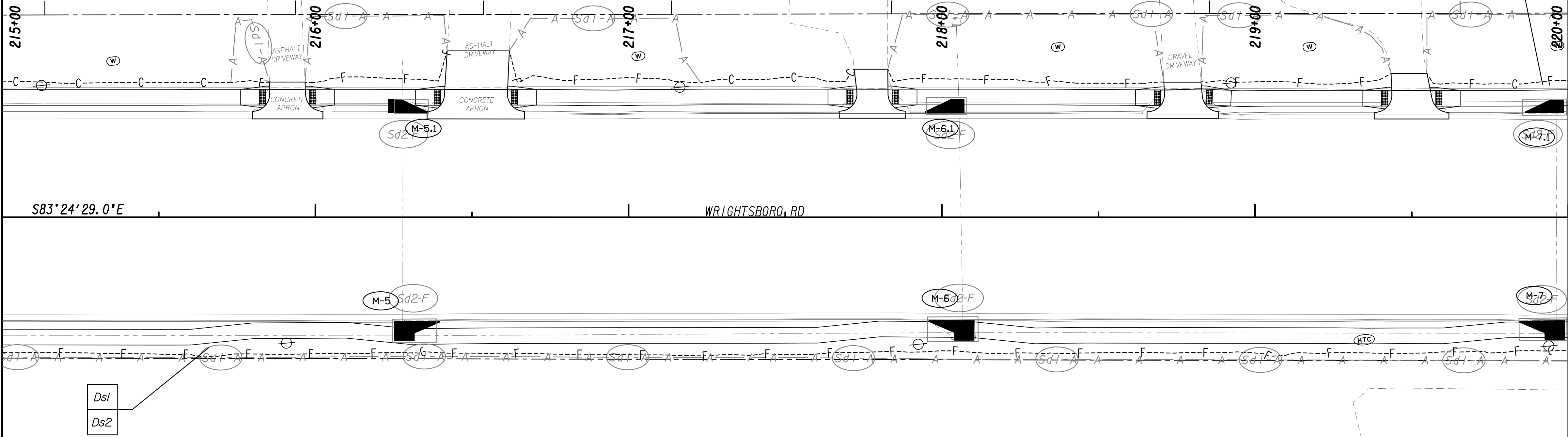
REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 INTERMEDIATE PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0023
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 215+00  
SEE DRAWING No. 54.2-0023

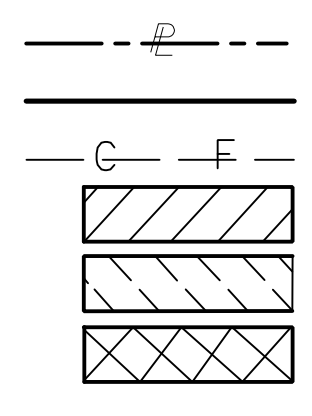


MATCH LINE STA. 220+00  
SEE DRAWING No. 54.2-0025

S83°24'29.0"E

WRIGHTSBORO 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)



REVISION DATES	

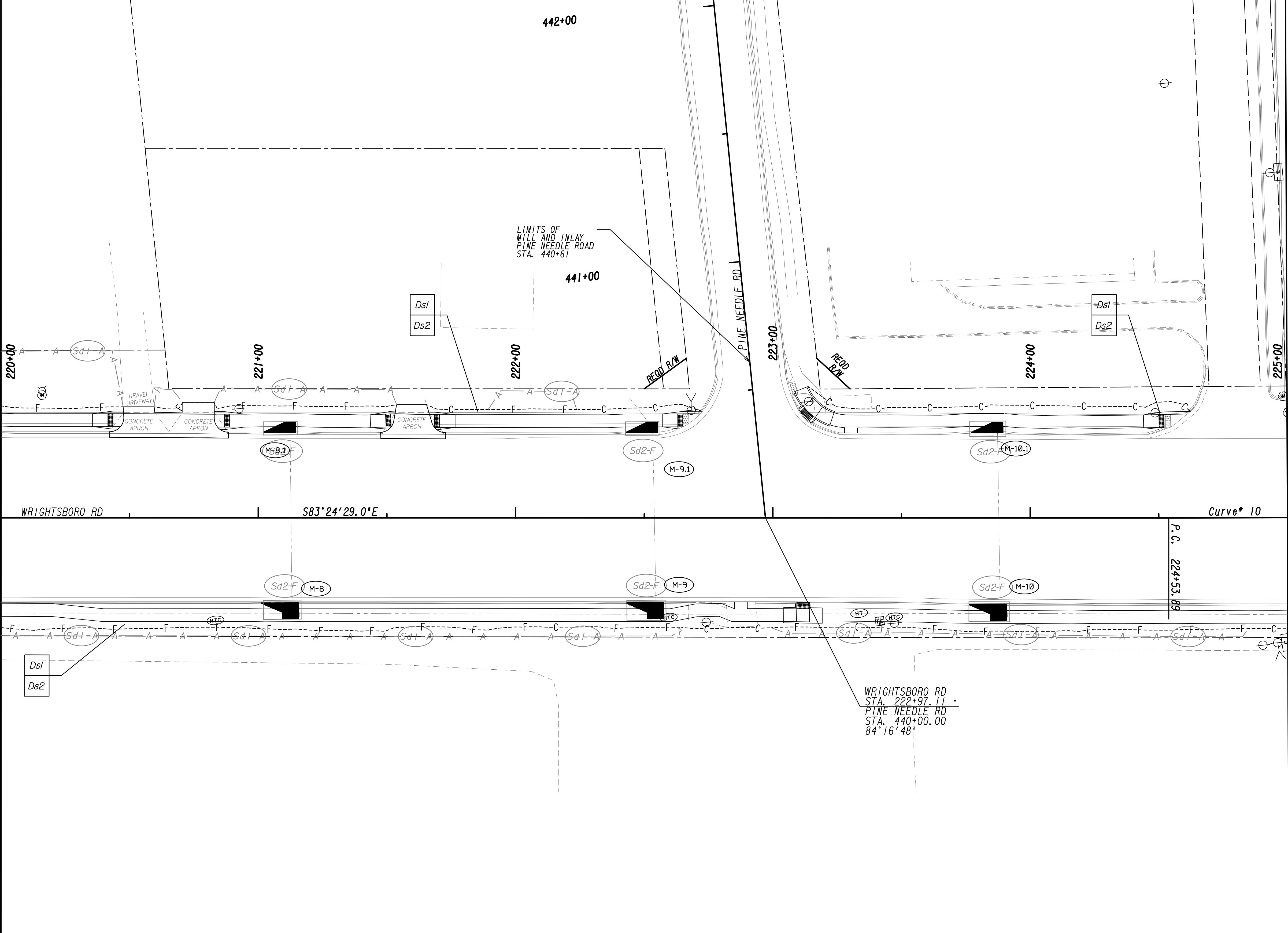
**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 INTERMEDIATE PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0024
CORRECTED:	DATE:	
VERIFIED:	DATE:	

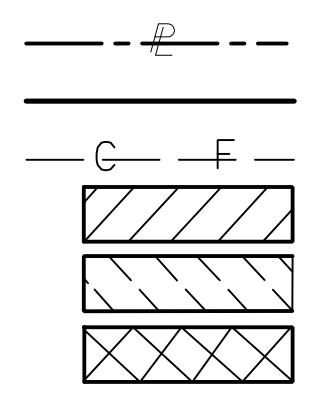


MATCH LINE STA. 220+00  
SEE DRAWING No. 54-2-0024

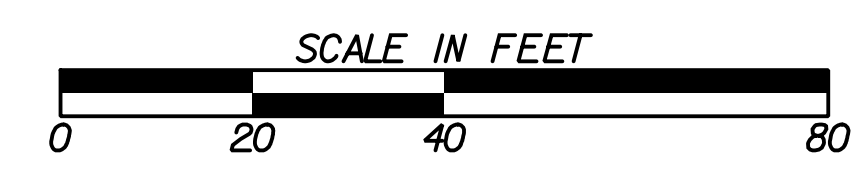
MATCH LINE STA. 225+00  
SEE DRAWING No. 54-2-0026



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



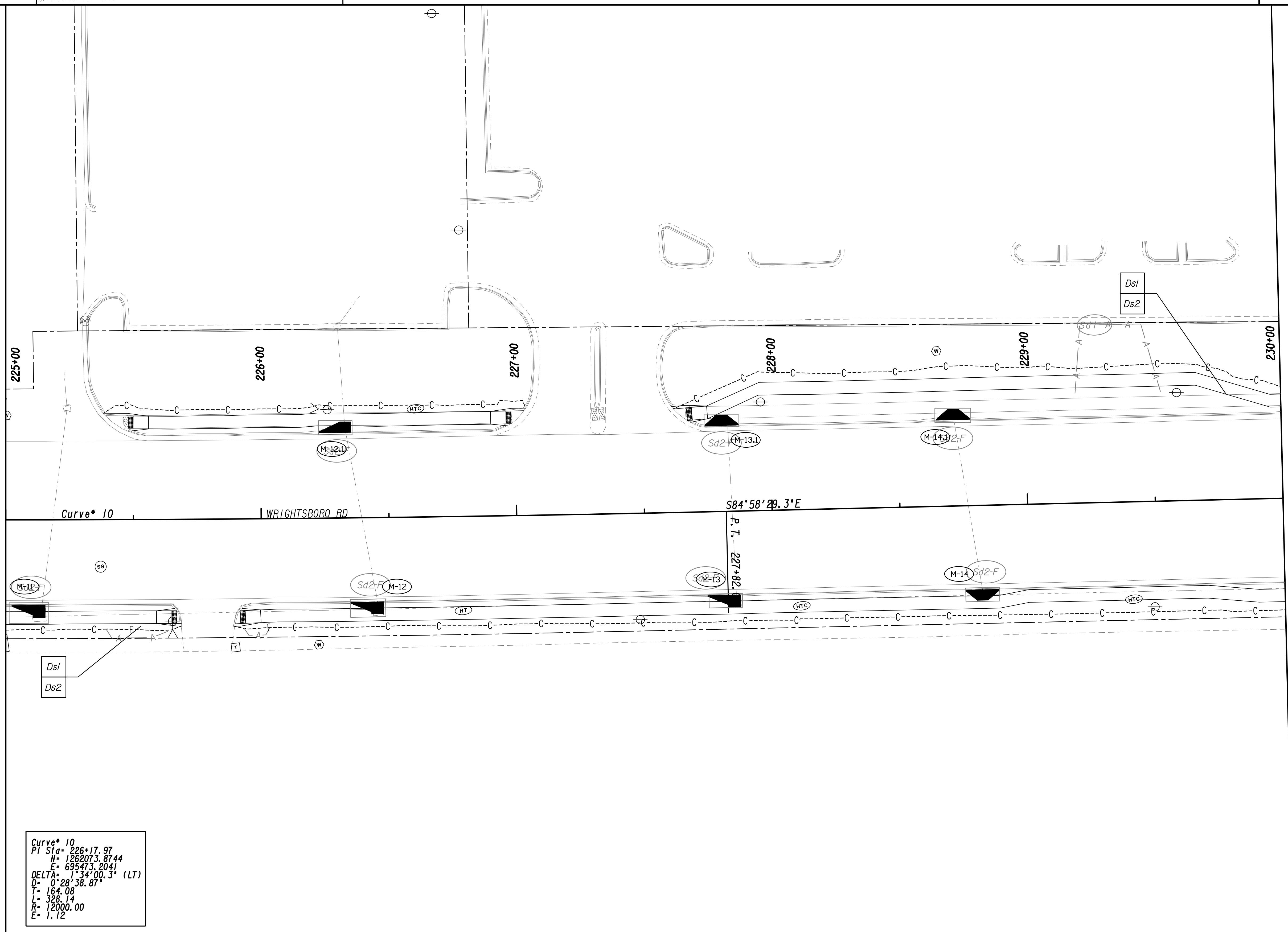
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54-2-0025	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



MATCH LINE STA. 225+00  
SEE DRAWING No. 54.2-0025

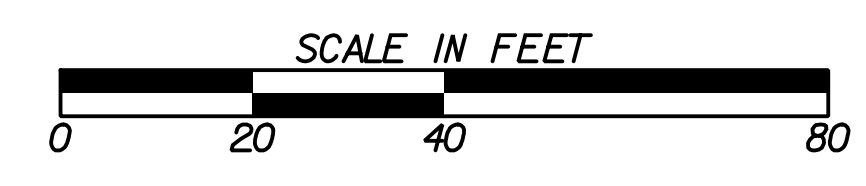
MATCH LINE STA. 230+00  
SEE DRAWING No. 54.2-0027



**Curve\* 10**  
 PI Sta= 226+17.97  
 N= 1262073.8744  
 E= 695473.2041  
 DELTA= 1°34'00.3" (LT)  
 D= 0°28'38.87"  
 T= 164.08  
 L= 328.14  
 R= 2000.00  
 E= 1.12

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

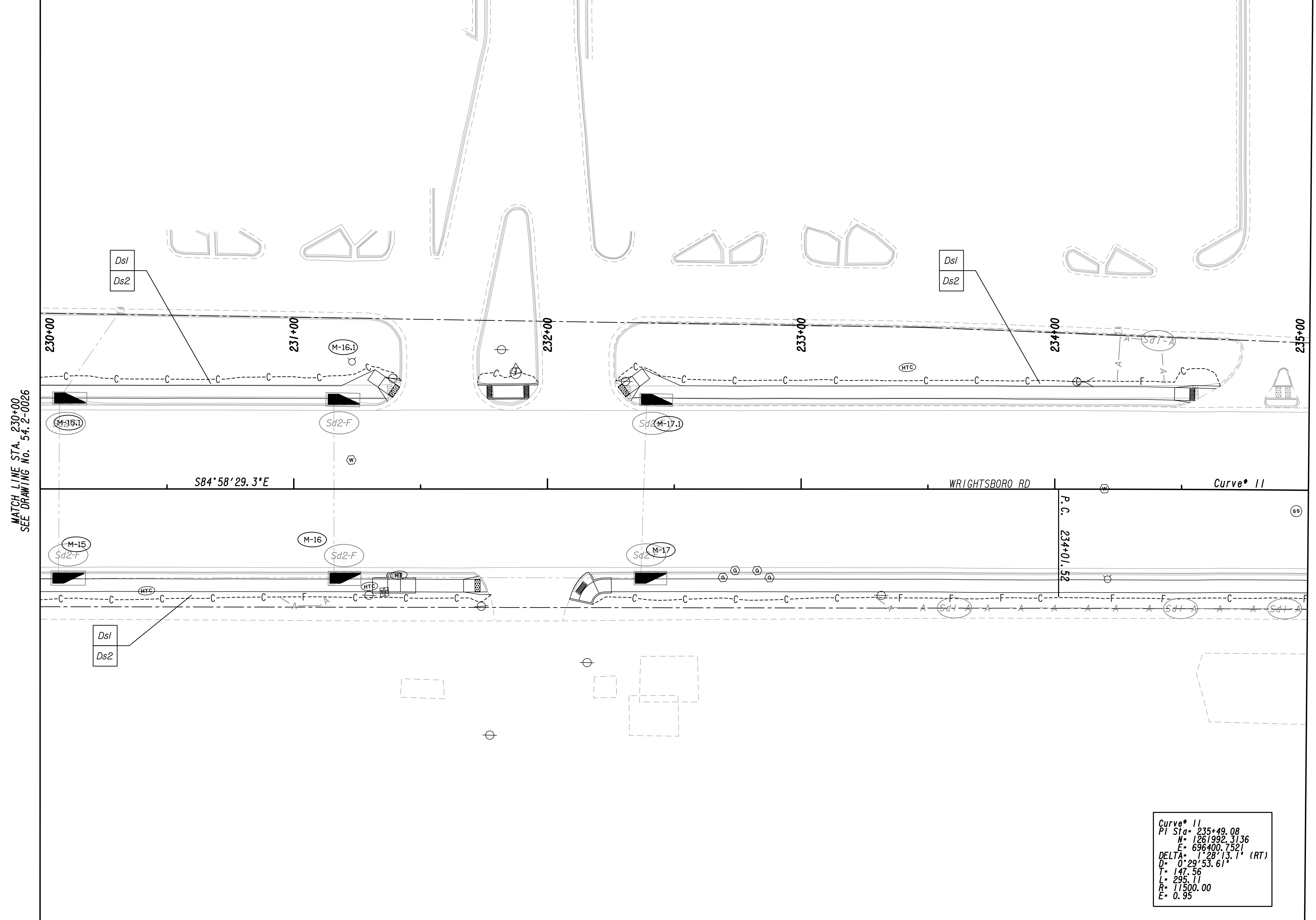
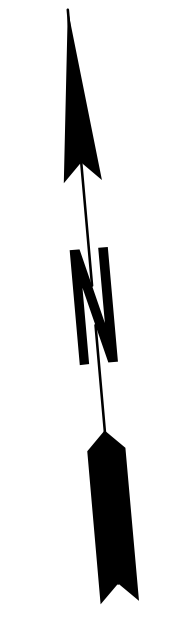
---P--- BEGIN LIMIT OF ACCESS.....BLA  
 --- END LIMIT OF ACCESS.....ELA  
 ---C---F--- LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0026
CORRECTED:	DATE:	
VERIFIED:	DATE:	



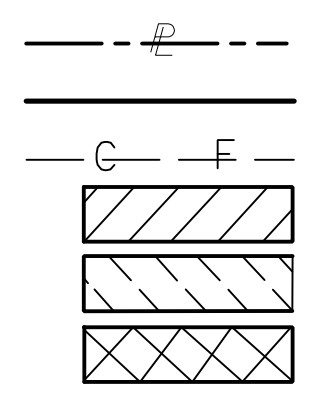


MATCH LINE STA. 230+00  
SEE DRAWING No. 54.2-0026

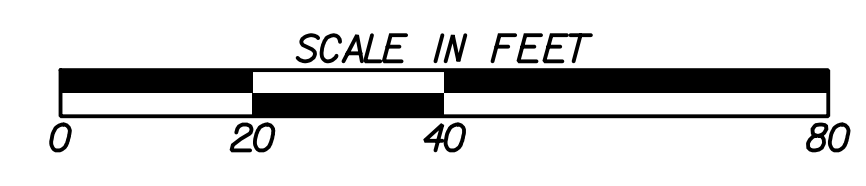
MATCH LINE STA. 235+00  
SEE DRAWING No. 54.2-0028

**Curve\* 11**  
 P.I. Sta = 235+49.08  
 N = 1261992.3136  
 E = 696400.7321  
 DELTA = 128°13.1' (RT)  
 D = 0°29'53.61"  
 T = 147.56  
 L = 235.11  
 R = 11500.00  
 E = 0.95

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

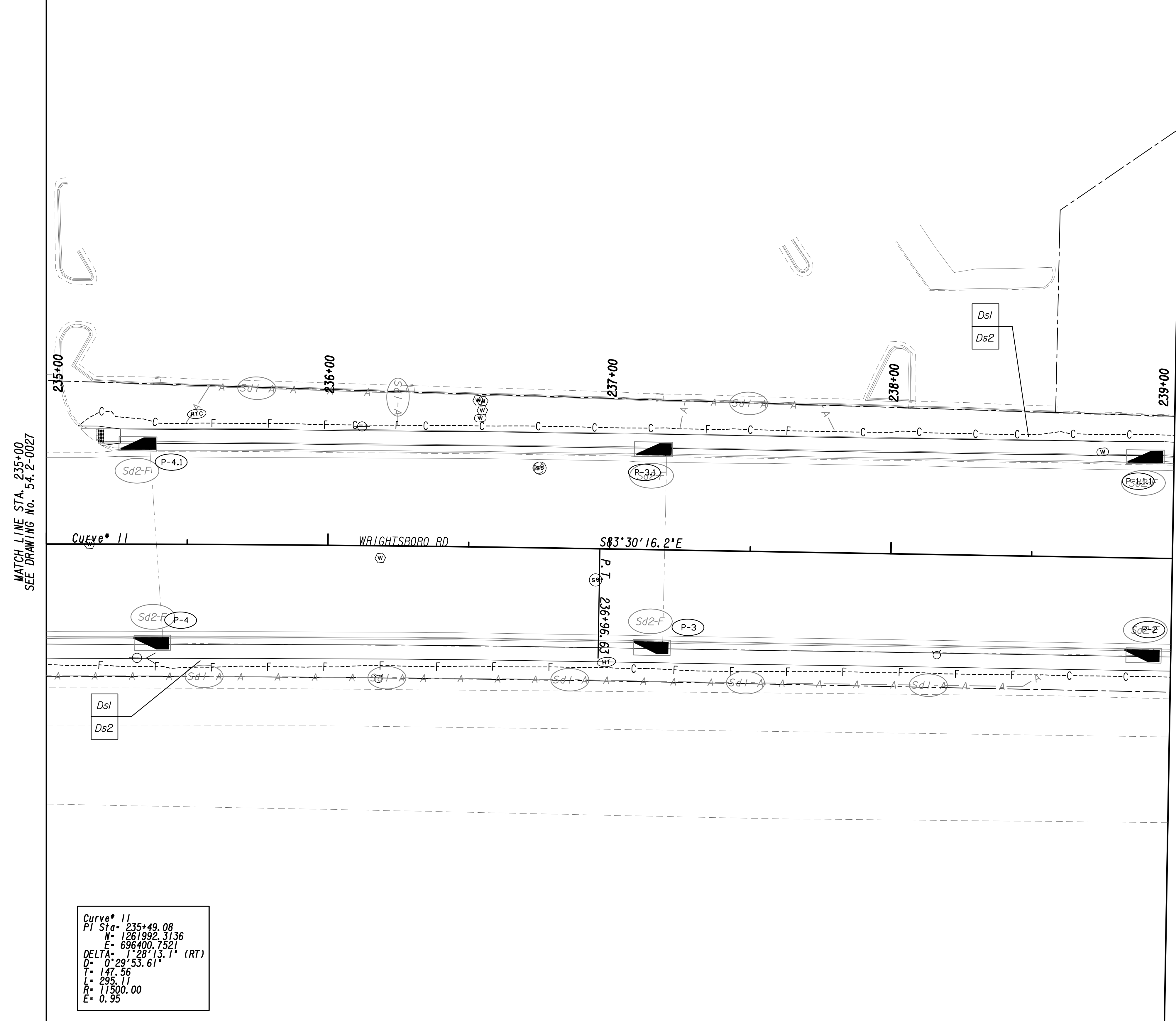


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.2-0027

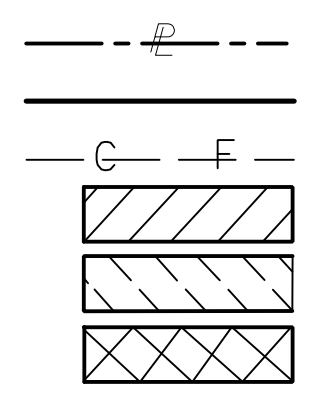


MATCH LINE STA. 235+00  
SEE DRAWING No. 54.2-0027

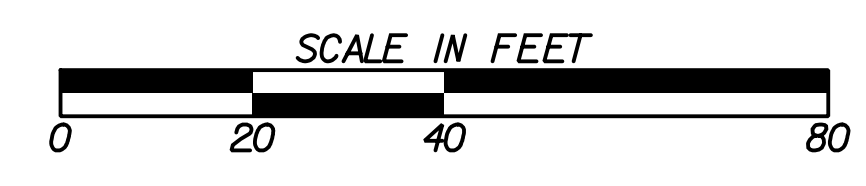
MATCH LINE STA. 239+00  
SEE DRAWING No. 54.2-0029

Curve\* 11  
 PI Sta= 235+49.08  
 N= 1261992.3136  
 E= 696400.7521  
 DELTA= 112°28'13.1" (RT)  
 D= 0'29"53.61"  
 T= 147.56  
 L= 295.11  
 R= 11500.00  
 E= 0.95

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

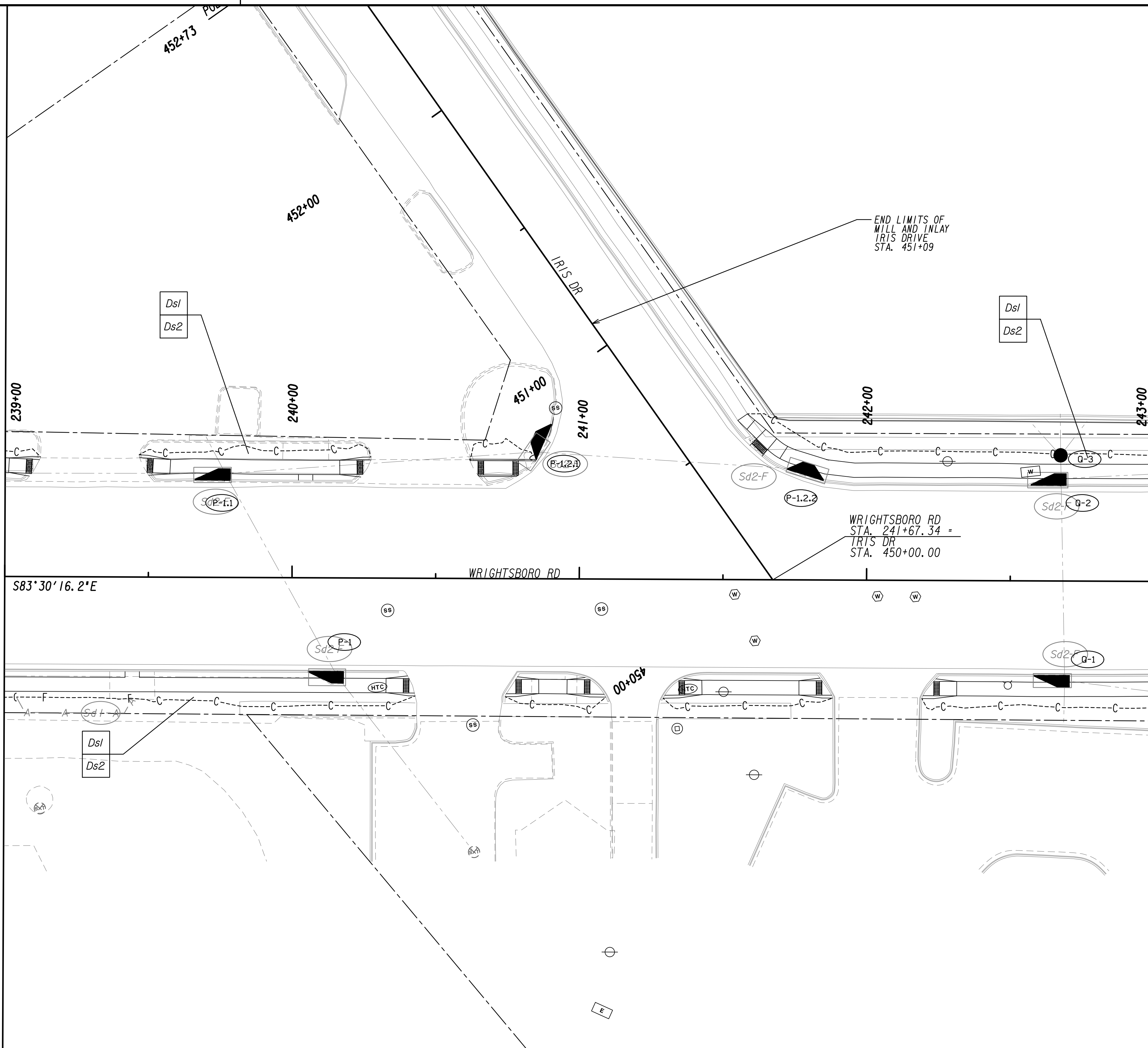


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.2-0028



MATCH LINE STA. 239+00  
SEE DRAWING No. 54.2-0028

MATCH LINE STA. 243+00  
SEE DRAWING No. 54.2-0030

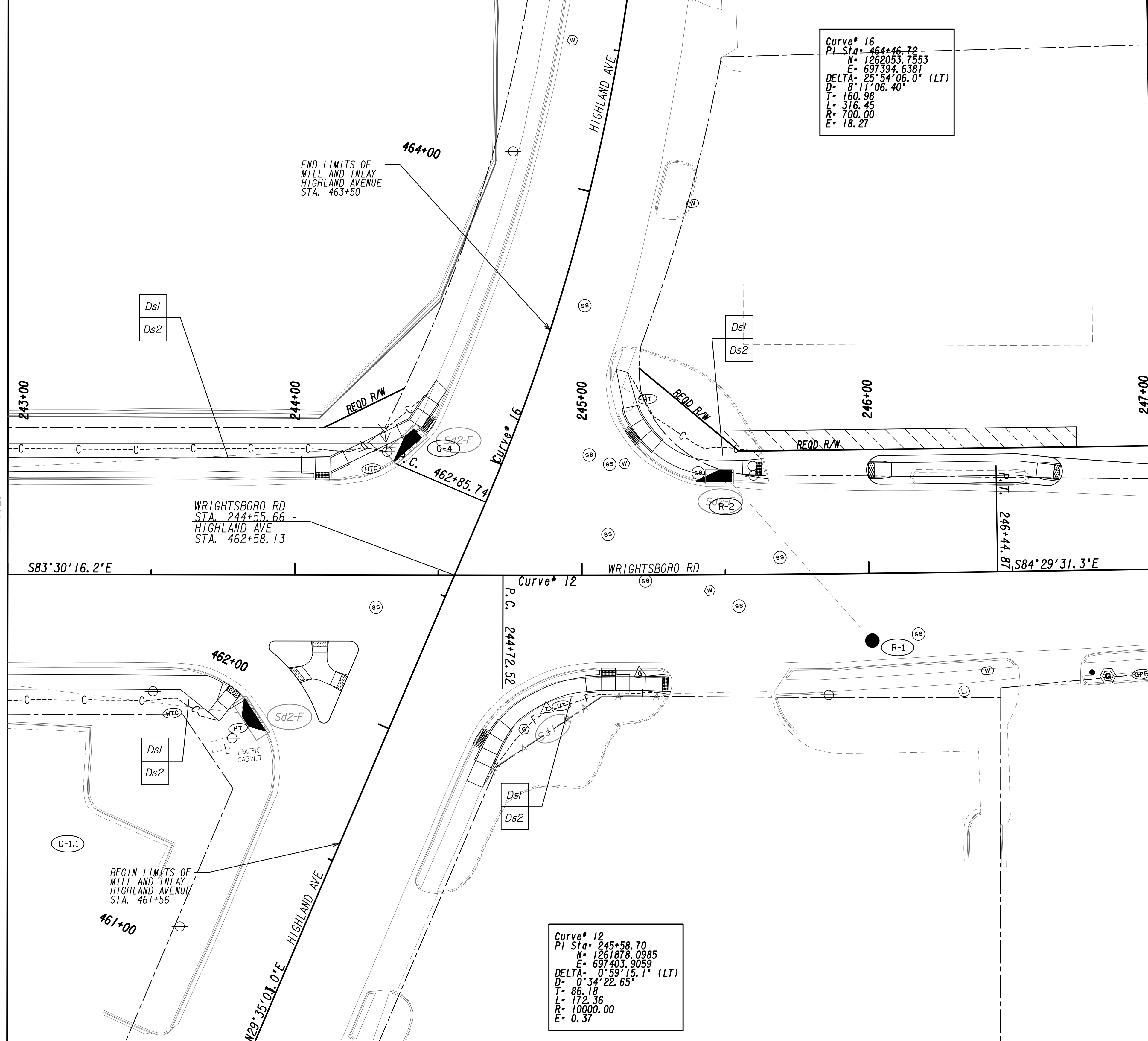
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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



REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0029
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Curve\* 16  
 PI Sta= 464+46.72  
 N= 1262053.7553  
 E= 697394.6381  
 DELTA= 25°54'06.0" (LT)  
 D= 8°17'06.40"  
 T= 160.98  
 L= 316.45  
 R= 700.00  
 E= 18.27

Curve\* 12  
 PI Sta= 245+58.70  
 N= 1261878.0985  
 E= 697403.9059  
 DELTA= 0°59'15.1" (LT)  
 D= 0°34'22.65"  
 T= 86.18  
 L= 172.36  
 R= 10000.00  
 E= 0.37

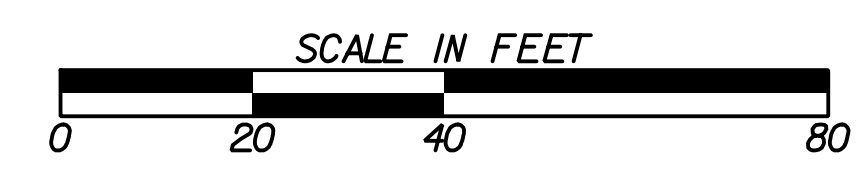
MATCH LINE STA. 243+00  
 SEE DRAWING NO. 54-2-0029

MATCH LINE STA. 247+00  
 SEE DRAWING NO. 54-2-0031



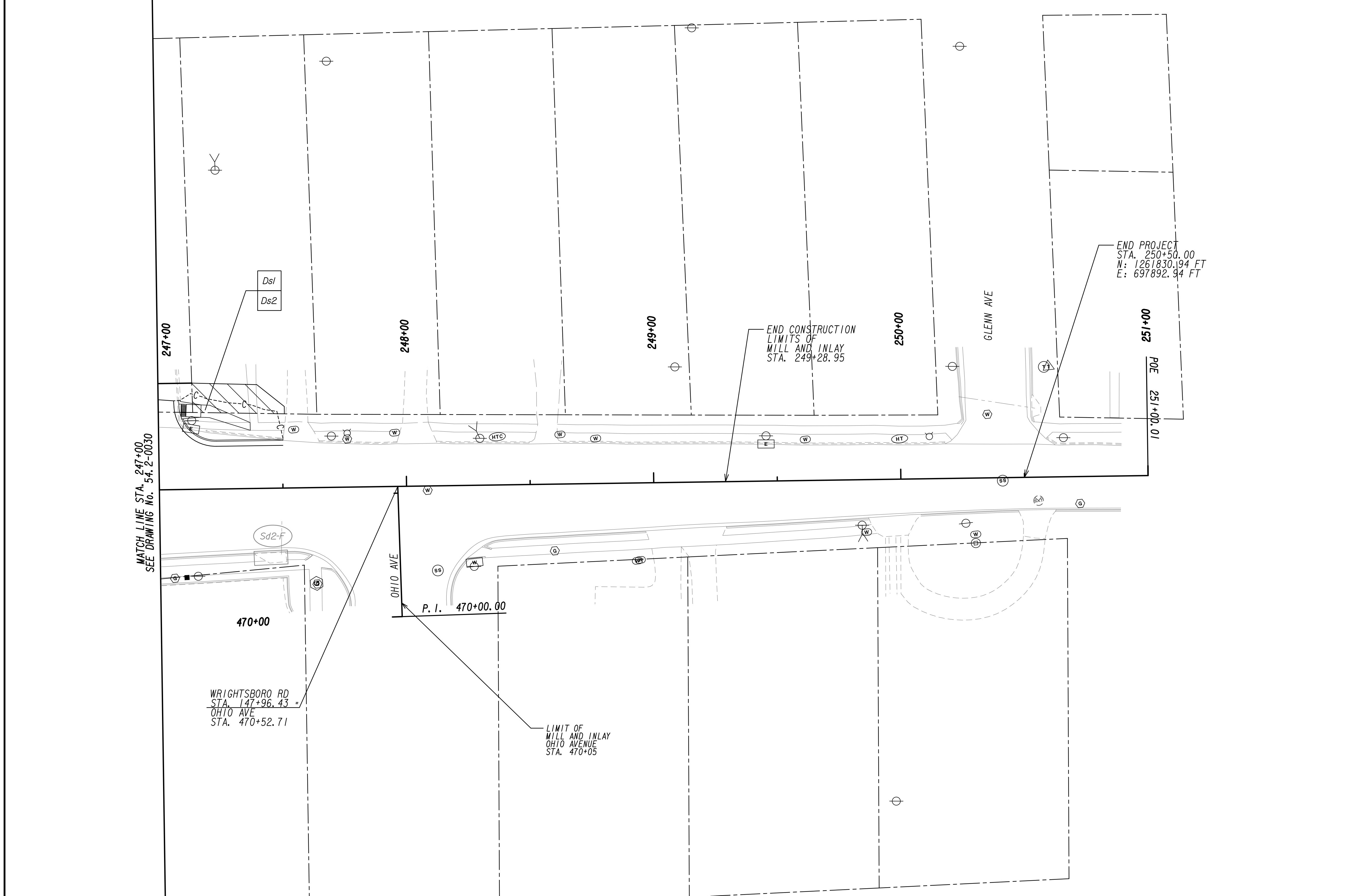
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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



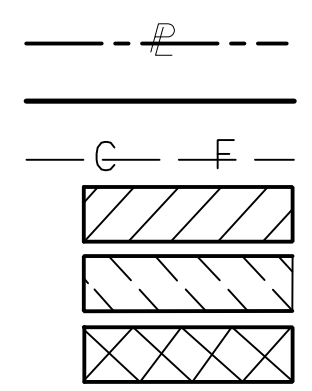
REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-2-0030
CORRECTED:	DATE:	
VERIFIED:	DATE:	

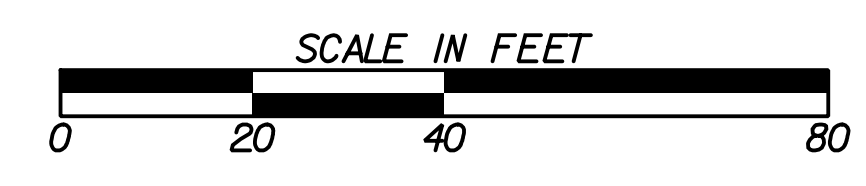


MATCH LINE STA. 247+00  
SEE DRAWING No. 54.2-0030

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

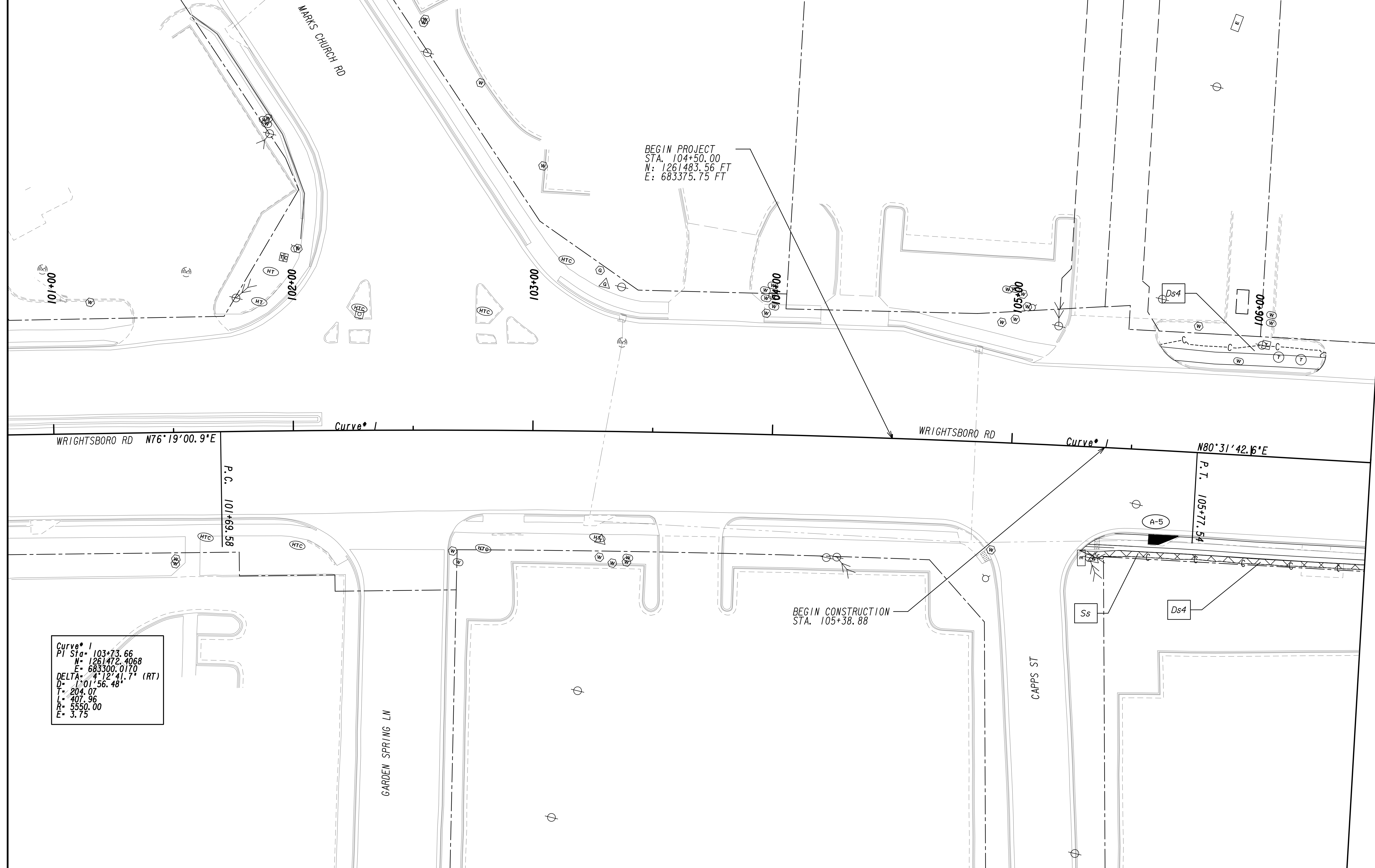


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

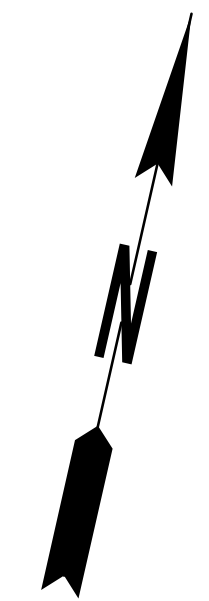


REVISION DATES	

BMP LOCATION DETAILS		
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE INTERMEDIATE PHASE		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.2-0031
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 106+50 SEE DRAWING NO. 54-3-0002



Curve 1  
 P.I. Sta. 103+73.66  
 N= 1261472.4068  
 E= 683300.0170  
 DELTA= 41°12'41.7\" (RT)  
 D= 1°01'56.48\"  
 L= 204.07  
 R= 407.96  
 E= 5550.00  
 E= 3.75

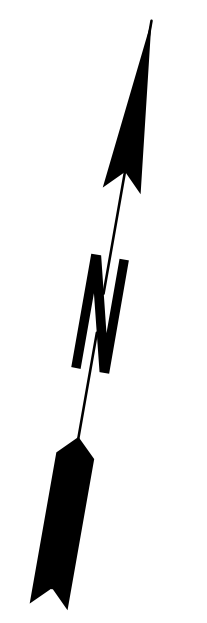
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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



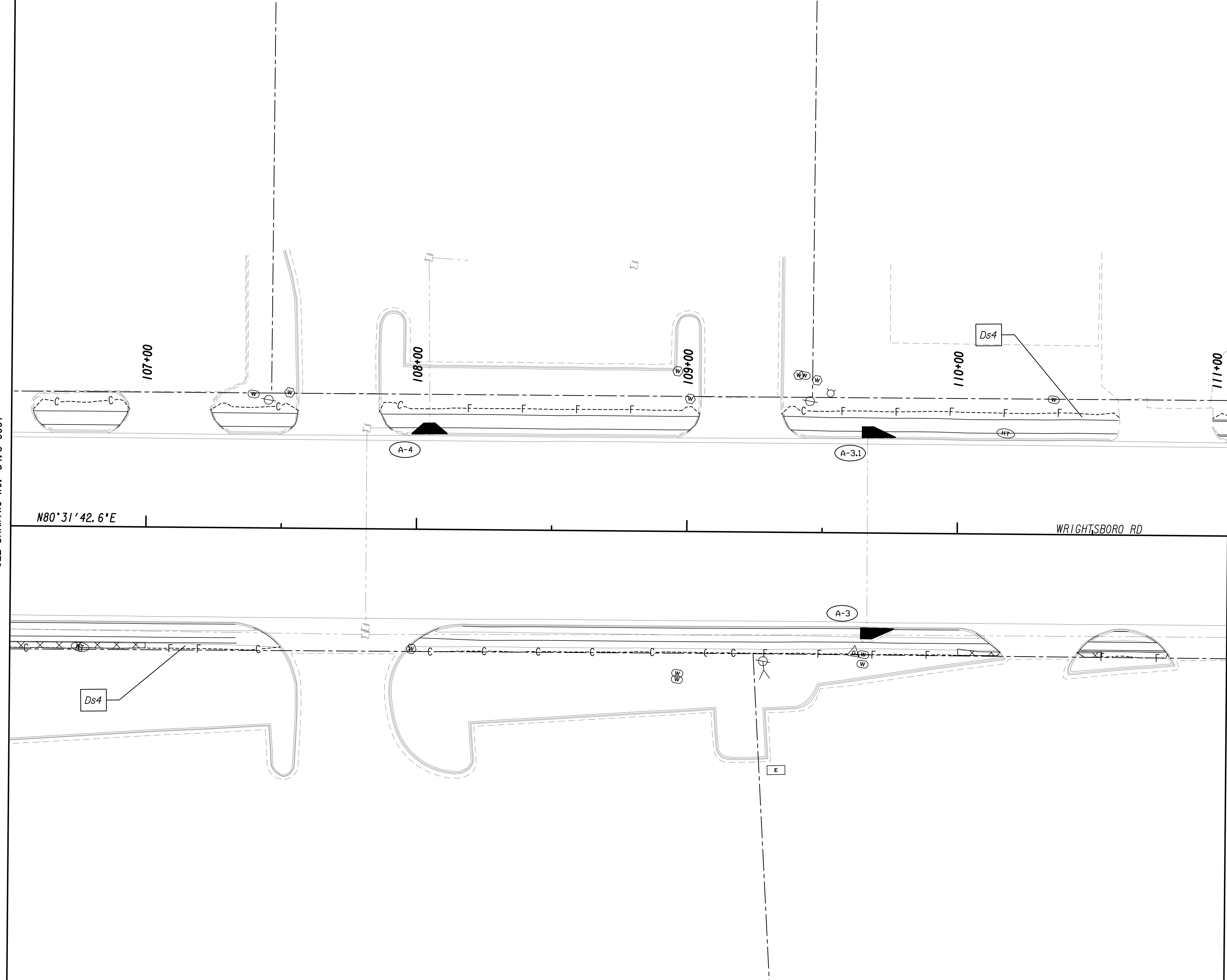
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
CORRECTED:	DATE:	VERIFIED:	DATE:
DRAWING No.			54-3-0001



MATCH LINE STA. 106+50  
SEE DRAWING No. 54-3-0001

MATCH LINE STA. 111+00  
SEE DRAWING No. 54-3-0003

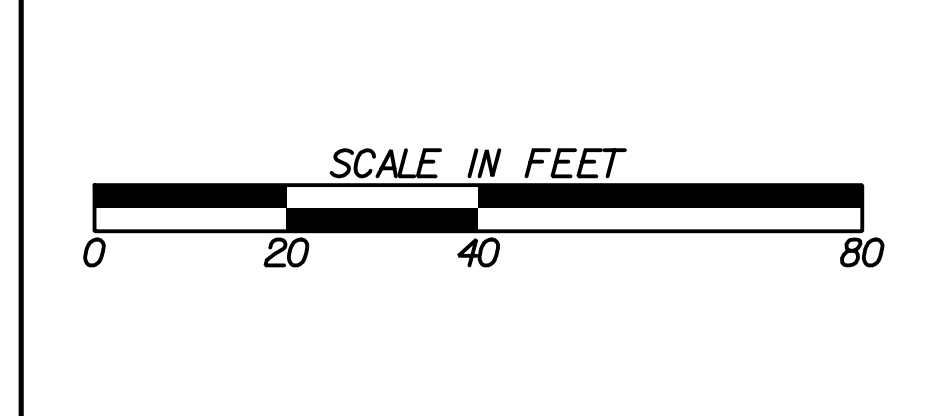


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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

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REVISION DATES	

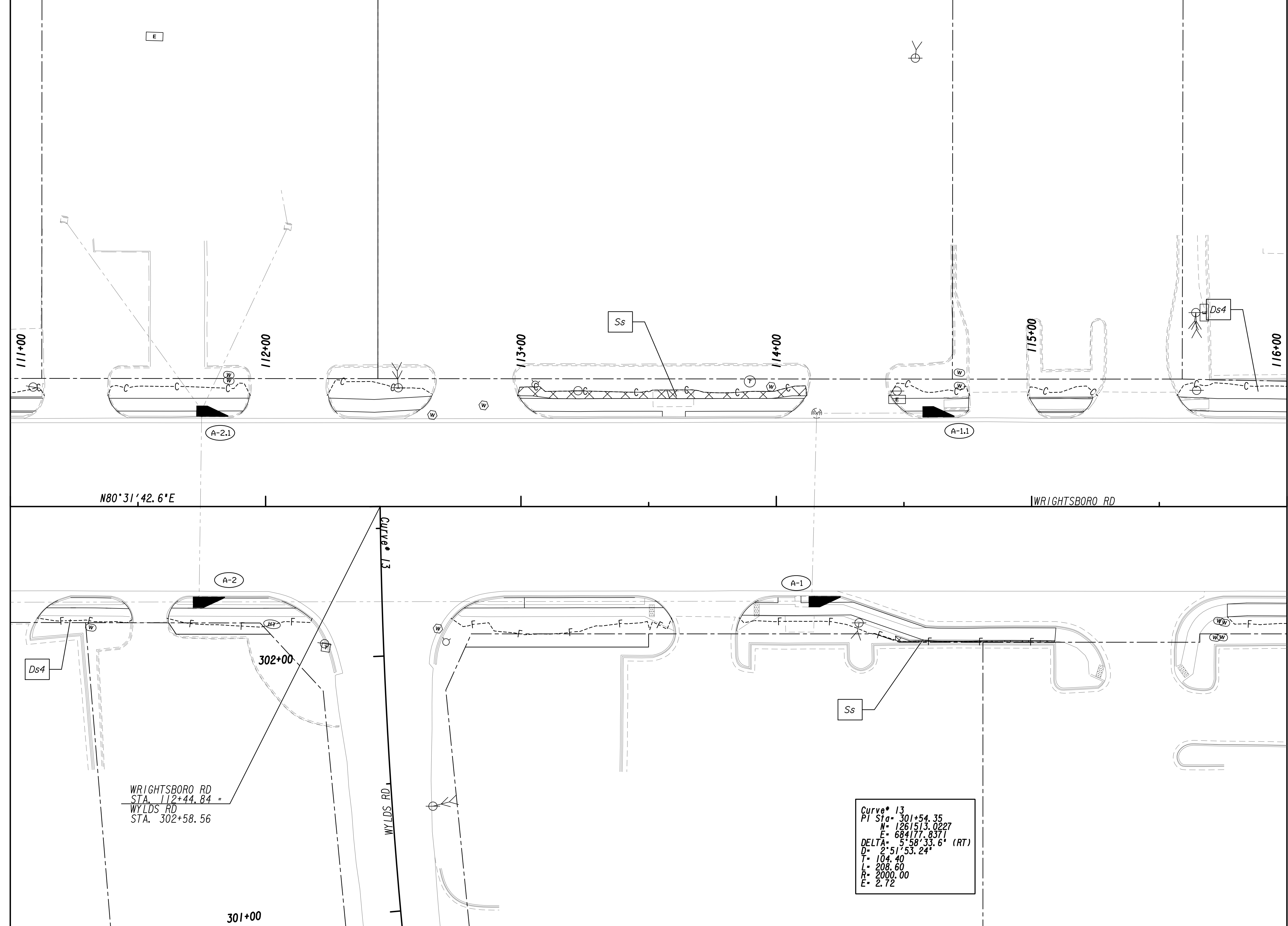
**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 FINAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-3-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

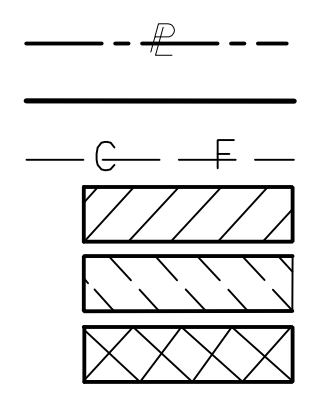


MATCH LINE STA. 111+00  
SEE DRAWING No. 54-3-0002

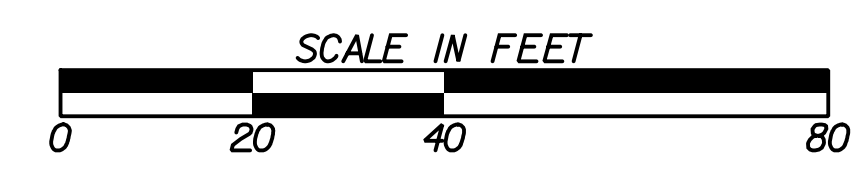
MATCH LINE STA. 116+00  
SEE DRAWING No. 54-3-0004



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



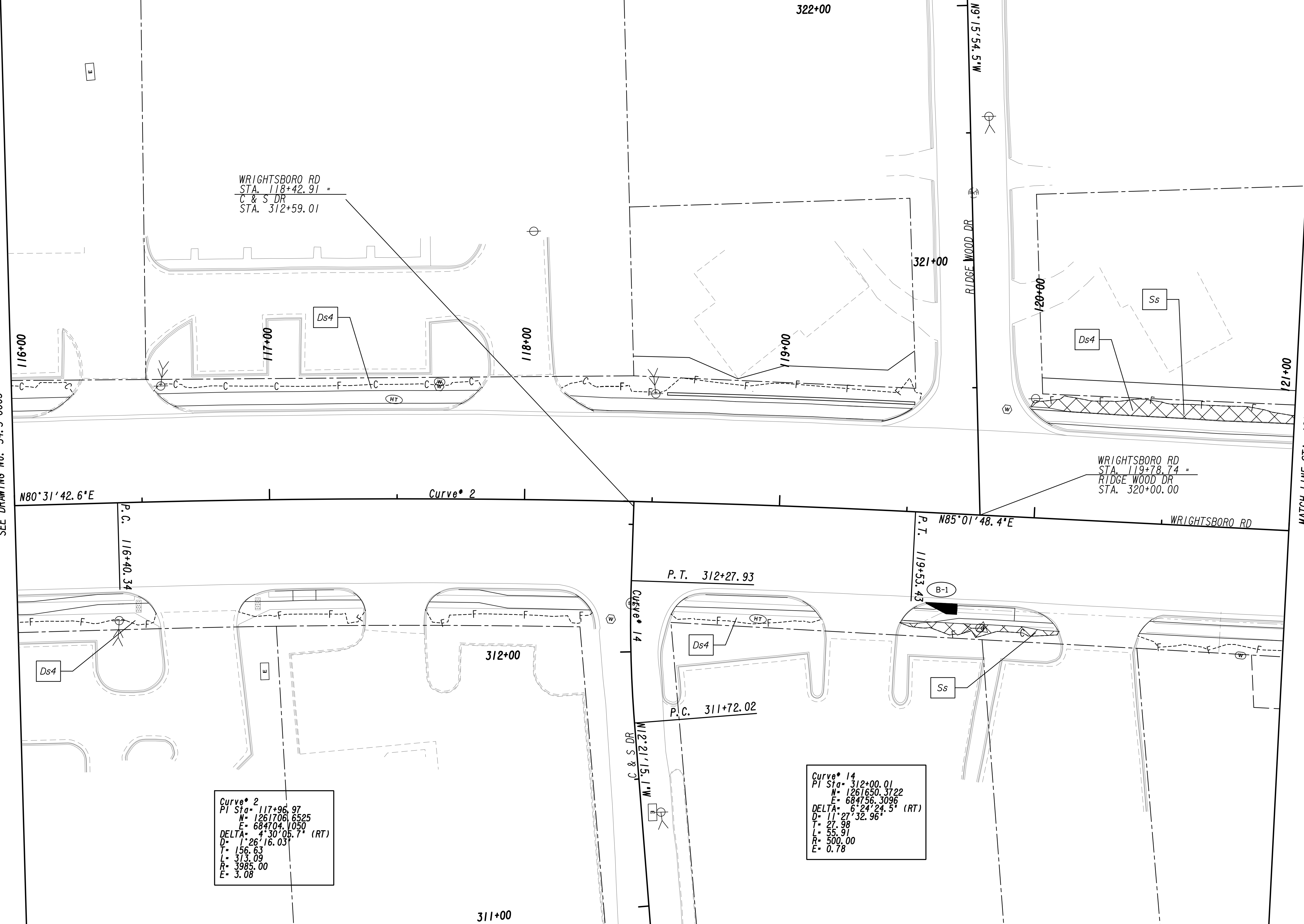
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54-3-0003	
CORRECTED:	DATE:		
VERIFIED:	DATE:		





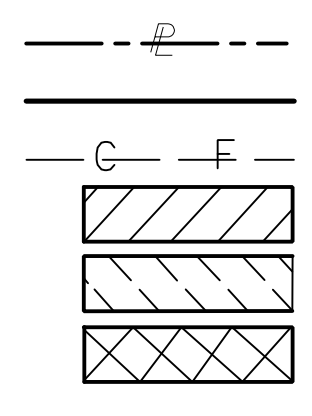
MATCH LINE STA. 116+00  
SEE DRAWING No. 54-3-0003

MATCH LINE STA. 121+00  
SEE DRAWING No. 54-3-0005

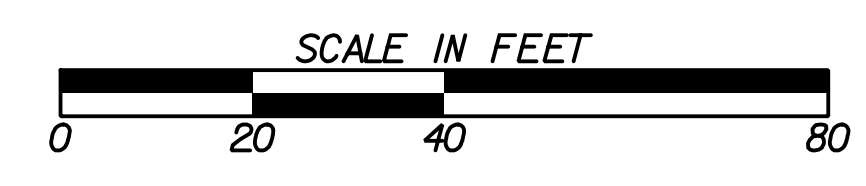
Curve\* 2  
PI Sta= 117+96.97  
N= 1261706.6525  
E= 684704.1050  
DELTA= 4°30'05.7" (RT)  
D= 1'26"18.03"  
L= 156.63  
T= 313.09  
R= 3985.00  
E= 3.08

Curve\* 14  
PI Sta= 312+00.01  
N= 1261650.3722  
E= 684756.3096  
DELTA= 6°24'24.5" (RT)  
D= 11'27"32.96"  
L= 27.99  
T= 55.91  
R= 500.00  
E= 0.78

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

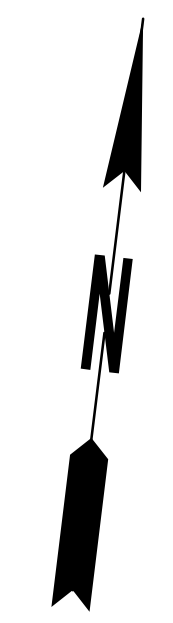
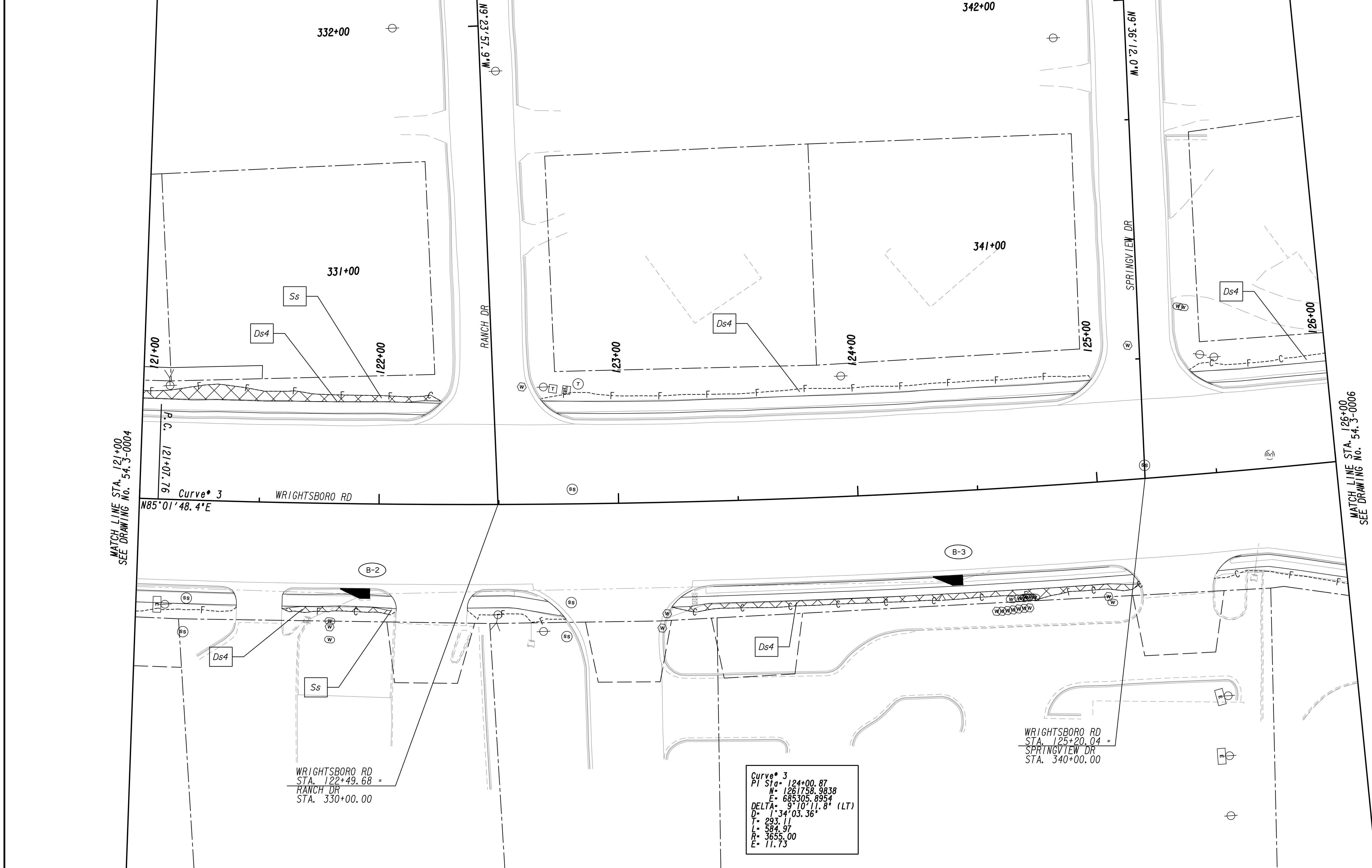


BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
LIMIT OF ACCESS  
REQ'D R/W & LIMIT OF ACCESS  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54-3-0004



MATCH LINE STA. 121+00  
SEE DRAWING No. 54.3-0004

MATCH LINE STA. 126+00  
SEE DRAWING No. 54.3-0006

WRIGHTSBORO RD  
STA. 122+49.68 =  
RANCH DR  
STA. 330+00.00

Curve\* 3  
PI Sta. 124+00.87  
N= 1261758.9838  
E= 685305.8954  
DELTA= 9°10'11.8\"/>

WRIGHTSBORO RD  
STA. 125+20.04 =  
SPRINGVIEW DR  
STA. 340+00.00

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)	

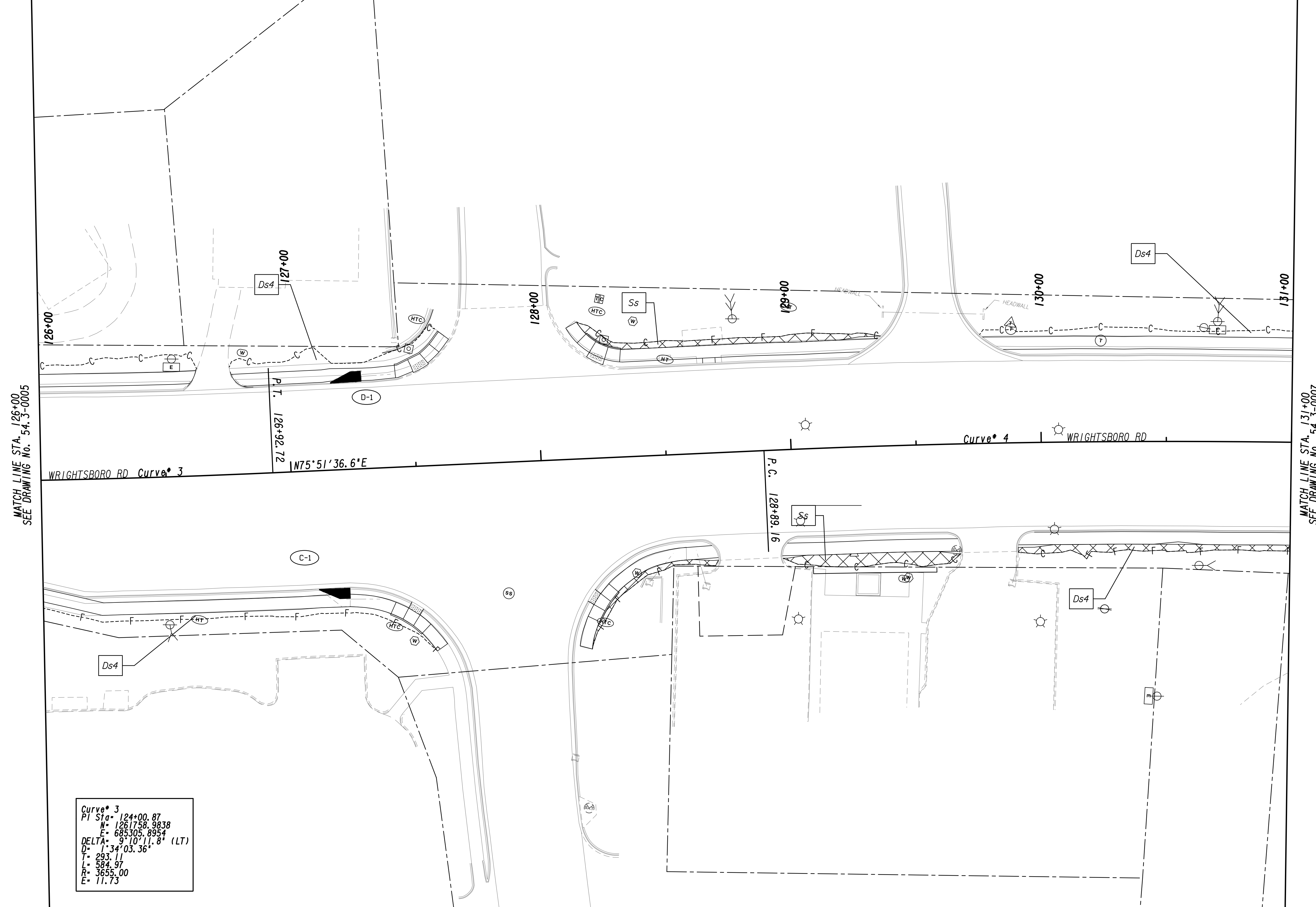


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REVISION DATES	

<b>BMP LOCATION DETAILS</b>			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	BACKCHECKED:	DATE:
CORRECTED:	DATE:	CORRECTED:	DATE:
VERIFIED:	DATE:	VERIFIED:	DATE:
DRAWING No.			54.3-0005

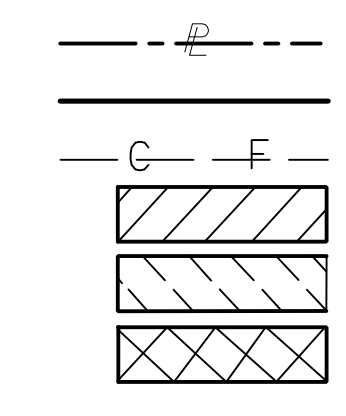


MATCH LINE STA. 126+00  
SEE DRAWING No. 54.3-0005

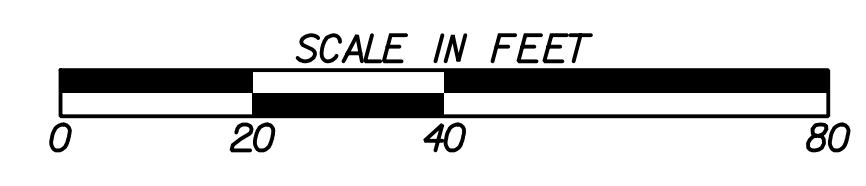
MATCH LINE STA. 131+00  
SEE DRAWING No. 54.3-0007

**Curve 3**  
 PI Sta = 124+00.87  
 N = 1261758.9838  
 E = 685305.8954  
 DELTA = 9°10'11.8" (LT)  
 D = 134'03.36"  
 T = 293.11  
 L = 584.97  
 R = 3655.00  
 E = 11.73

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

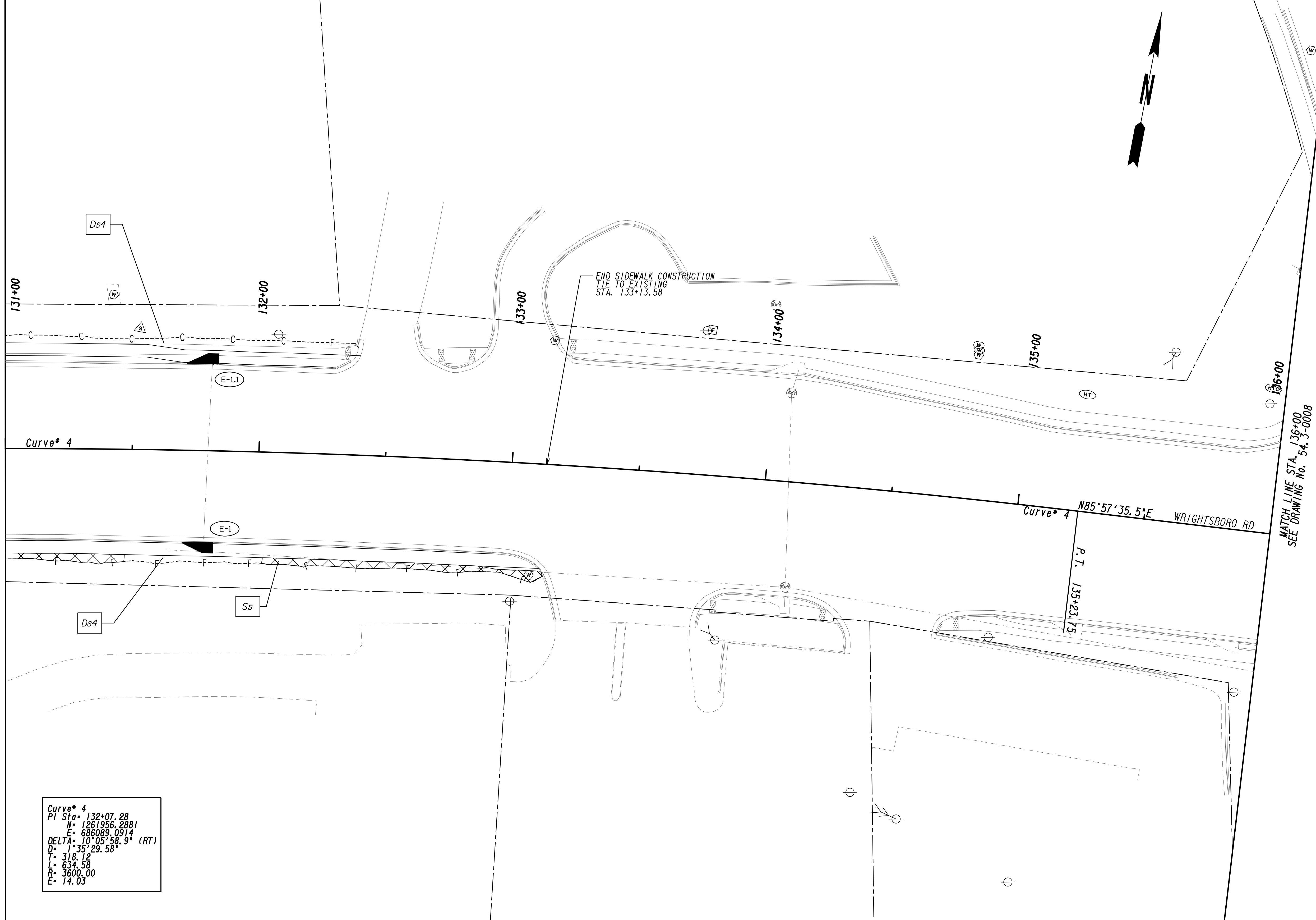


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.3-0006

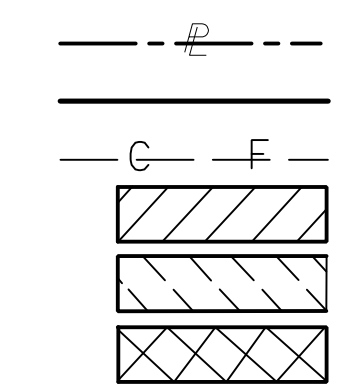


MATCH LINE STA. 131+00  
SEE DRAWING No. 54.3-0006

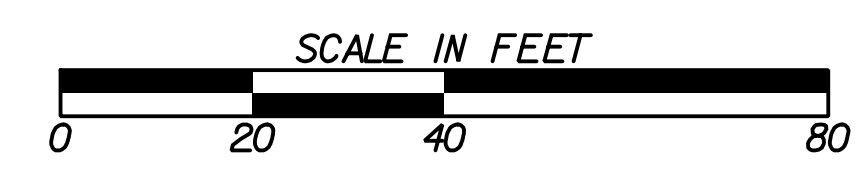
MATCH LINE STA. 136+00  
SEE DRAWING No. 54.3-0008

Curve\* 4  
 PI Sta= 132+07.28  
 N= 1261956.2881  
 E= 686089.0914  
 DELTA= 101°05'58.9" (RT)  
 D= 1'35"29.58"  
 L= 318.12  
 R= 634.58  
 E= 14.03

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

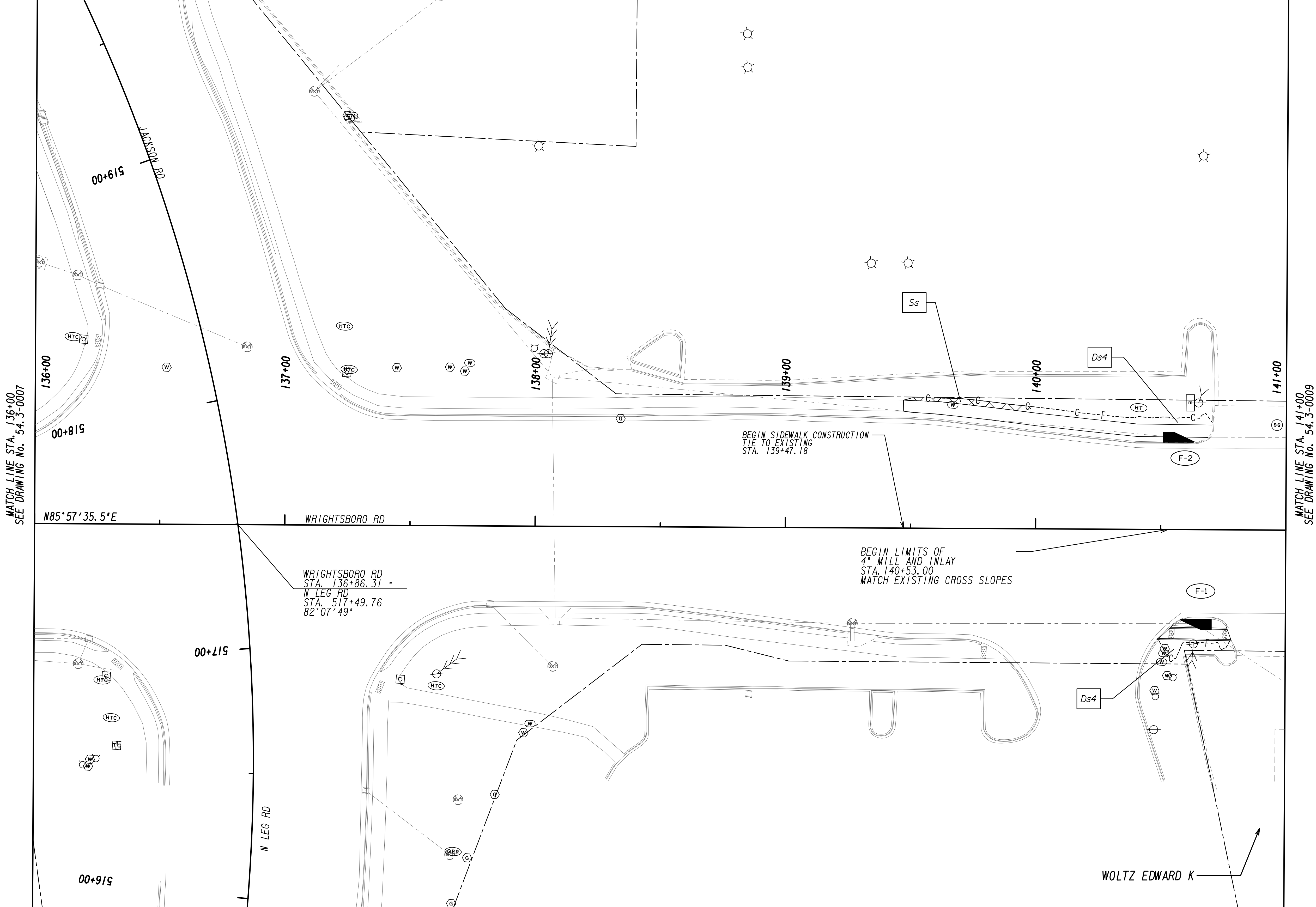


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

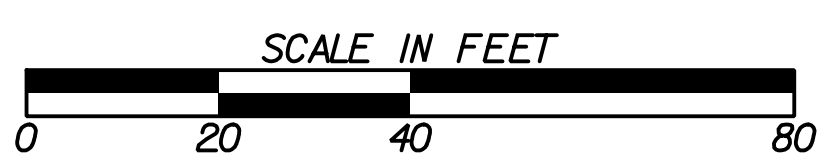
BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
VERIFIED:	DATE:		
DRAWING No.			54.3-0007



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

--- P ---  
 --- G --- F ---  
 [Hatched Box]  
 [Hatched Box]  
 [Hatched Box]

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)



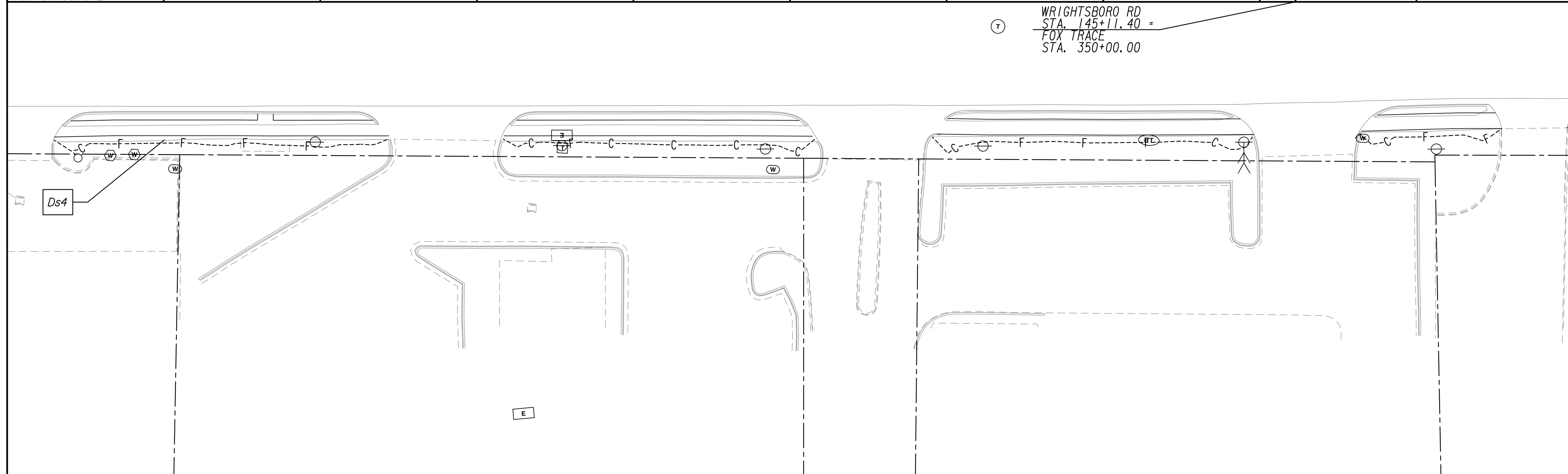
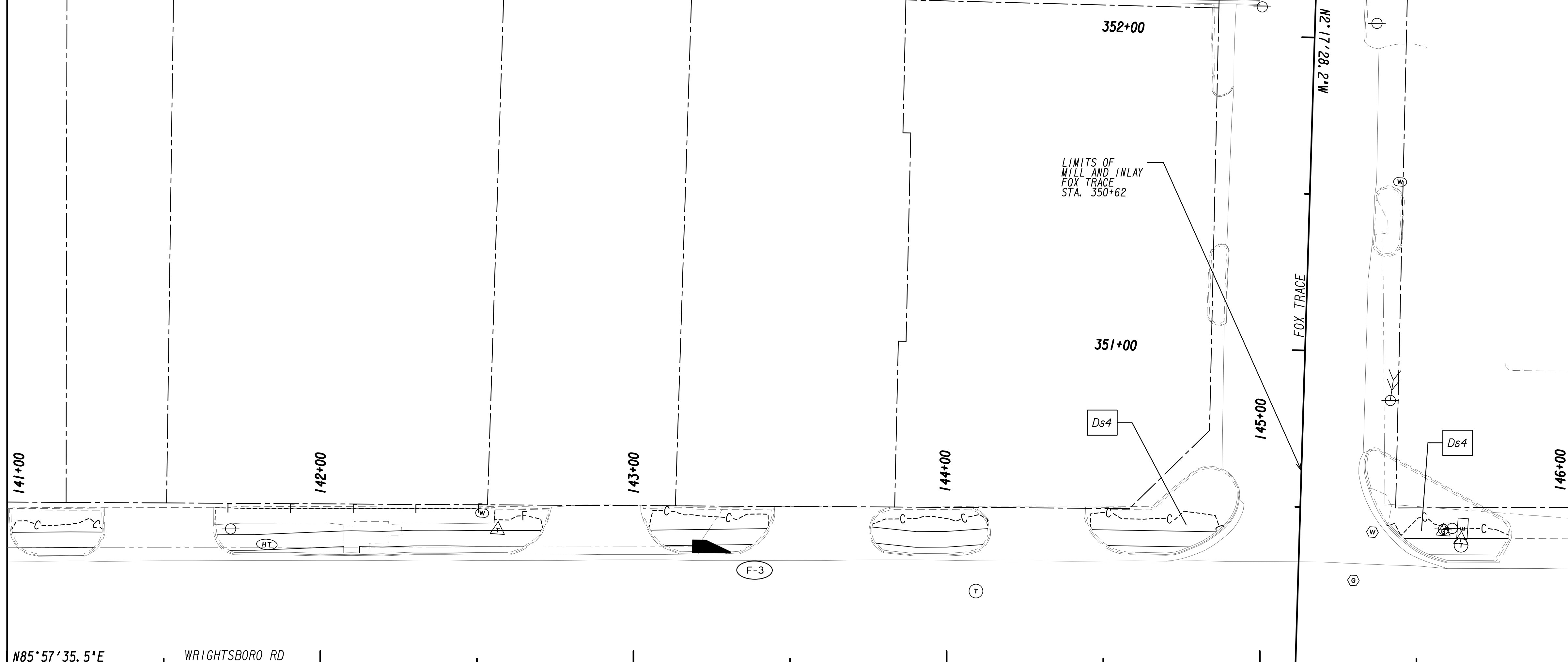
REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 FINAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-3-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	

MATCH LINE STA. 141+00  
SEE DRAWING No. 54-3-0008

MATCH LINE STA. 146+00  
SEE DRAWING No. 54-3-0010

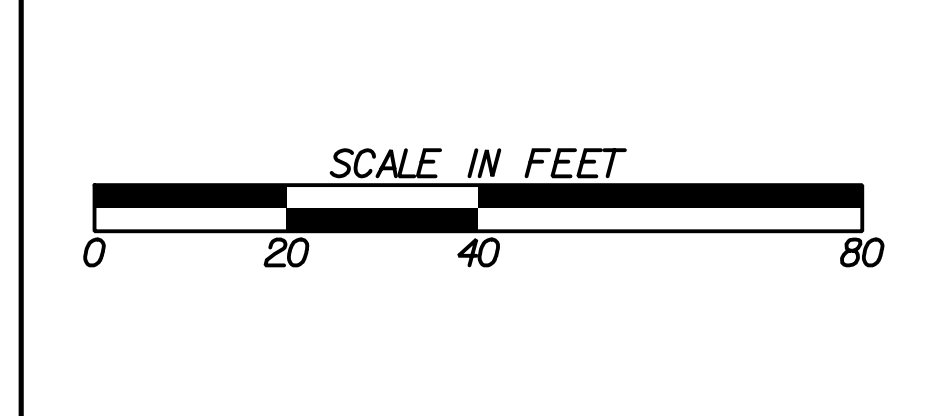


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

--- P --- BEGIN LIMIT OF ACCESS.....BLA  
 --- END LIMIT OF ACCESS.....ELA  
 --- C --- F --- LIMIT OF ACCESS  
 --- REQ'D R/W & LIMIT OF ACCESS  
 [Hatched Box] ORANGE BARRIER FENCE  
 [Cross-hatched Box] ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)  
 [Triangle]

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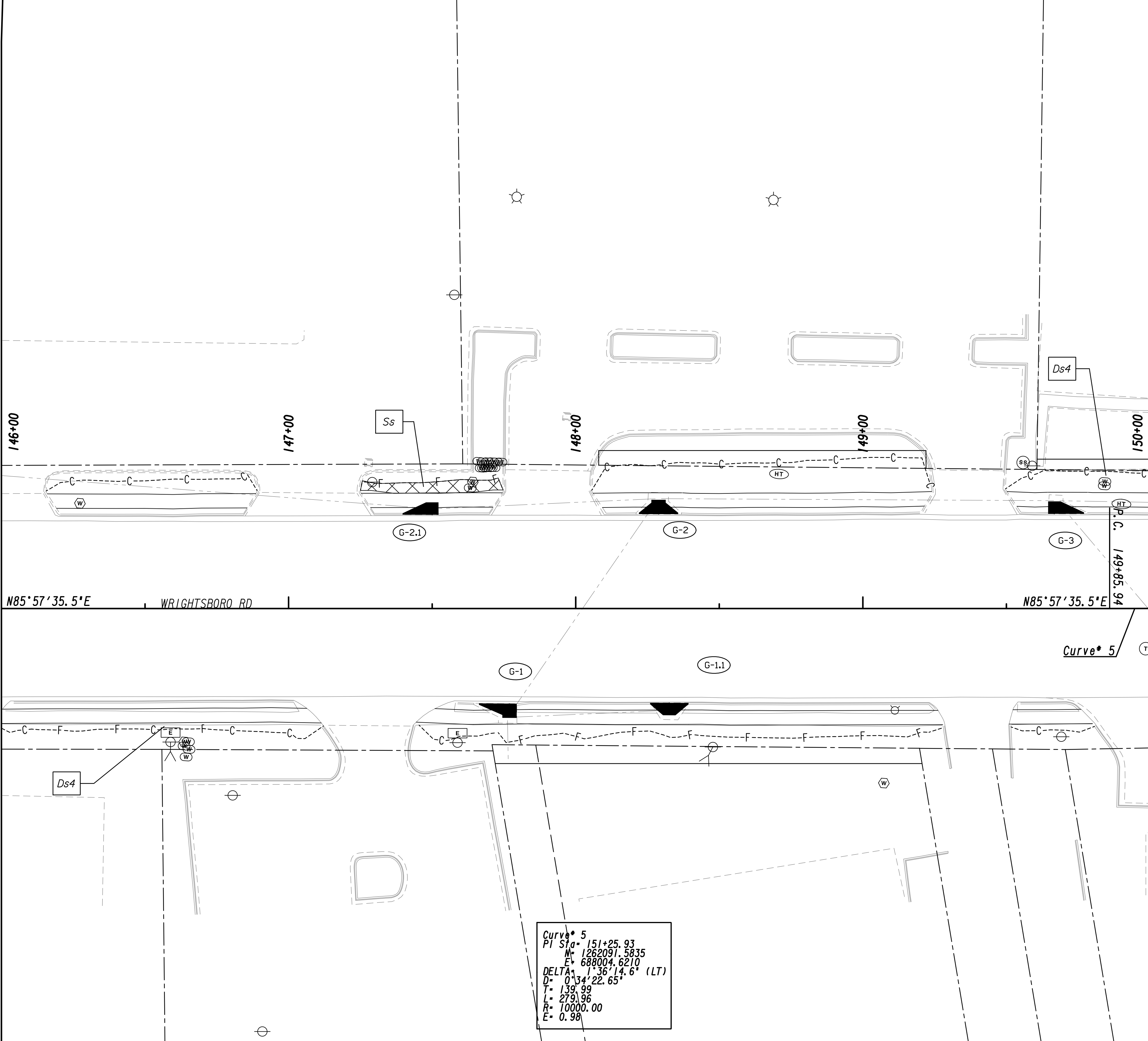
6745 Sugarloaf Parkway, Suite 100  
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REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 FINAL PHASE

CHECKED:	DATE:	DRAWING No. <b>54-3-0009</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

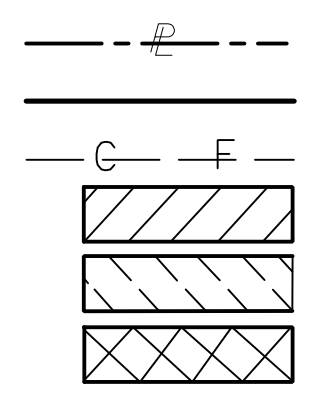


MATCH LINE STA. 146+00  
SEE DRAWING No. 54.3-0009

MATCH LINE STA. 150+00  
SEE DRAWING No. 54.3-0011

Curve\* 5  
 PI Sta= 151+25.93  
 M= 1262091.5835  
 E= 688004.6210  
 DELTA= 136°14'6" (LT)  
 D= 0'34" 22.65"  
 T= 139.99  
 L= 279.96  
 R= 10000.00  
 E= 0.98

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



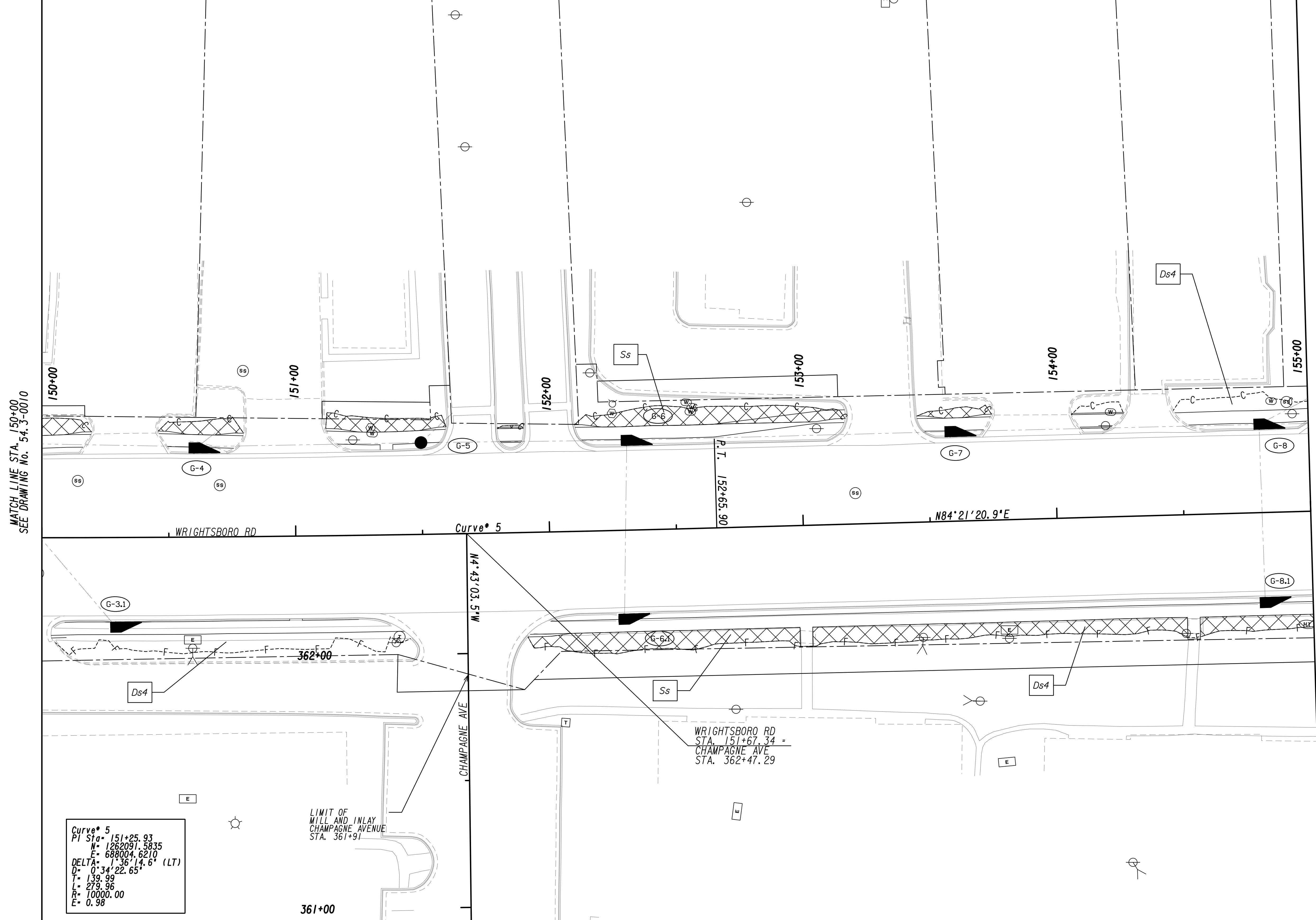
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 FINAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.3-0010
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 150+00  
SEE DRAWING No. 54.3-0010

MATCH LINE STA. 155+00  
SEE DRAWING No. 54.3-0012

Curve\* 5  
 PI Sta= 151+25.93  
 N= 1262091.5835  
 E= 688004.6210  
 DELTA= 1°36'14.6" (LT)  
 D= 0°34'22.65"  
 T= 139.99  
 L= 279.96  
 R= 10000.00  
 E= 0.98

LIMIT OF WILL AND INLAY  
 CHAMPAGNE AVENUE  
 STA. 361+91

WRIGHTSBORO RD  
 STA. 151+67.34 =  
 CHAMPAGNE AVE  
 STA. 362+47.29

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)



REVISION DATES	

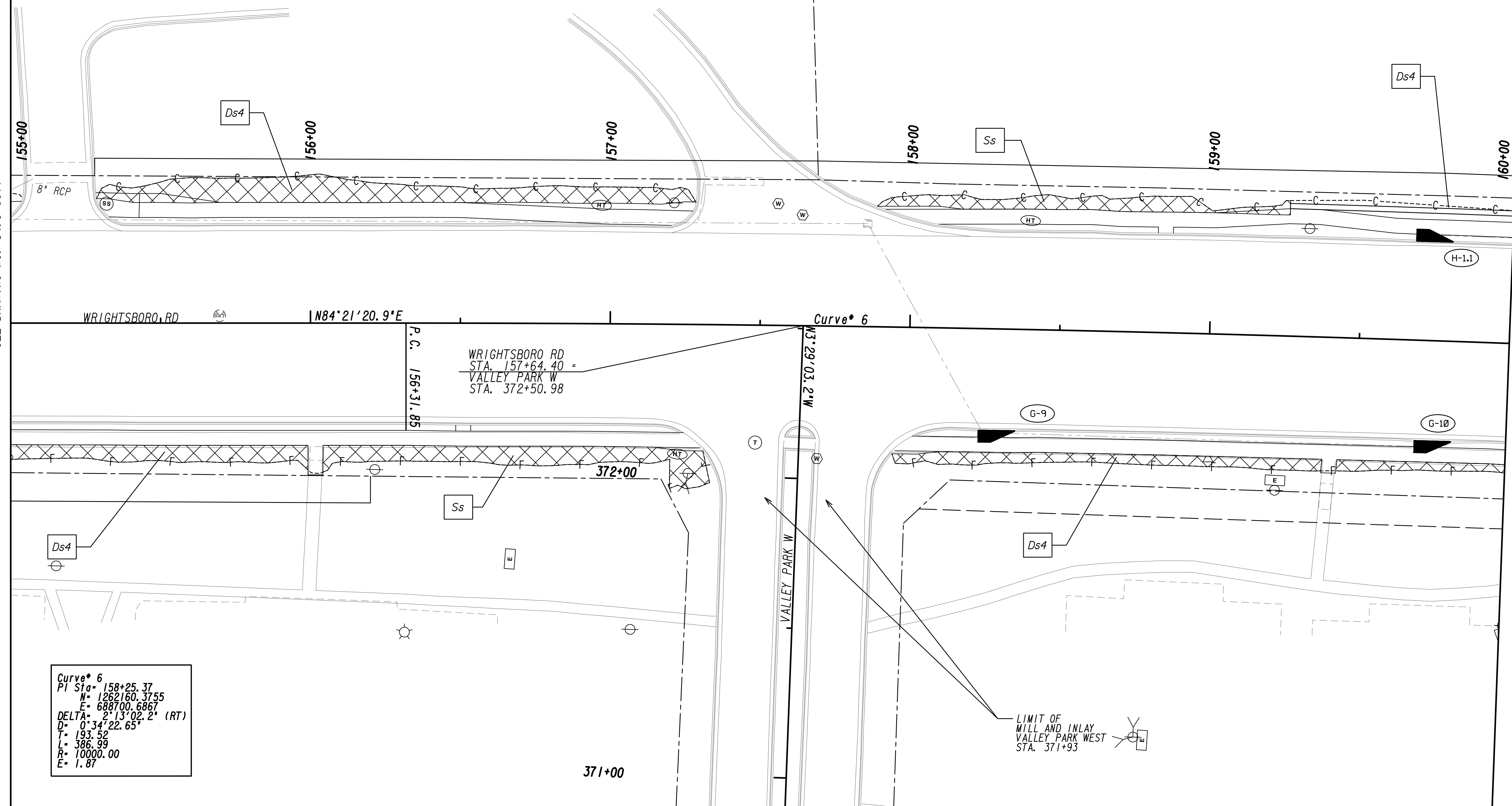
BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54.3-0011	
CORRECTED:	DATE:		
VERIFIED:	DATE:		





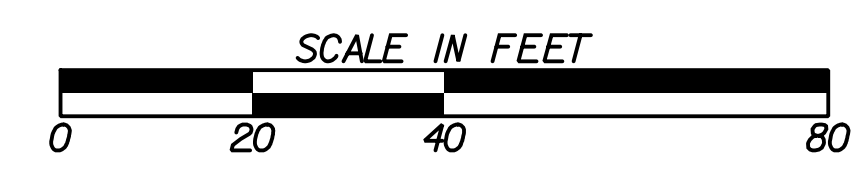
MATCH LINE STA. 155+00  
SEE DRAWING No. 54.3-0011

MATCH LINE STA. 160+00  
SEE DRAWING No. 54.3-0013



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)



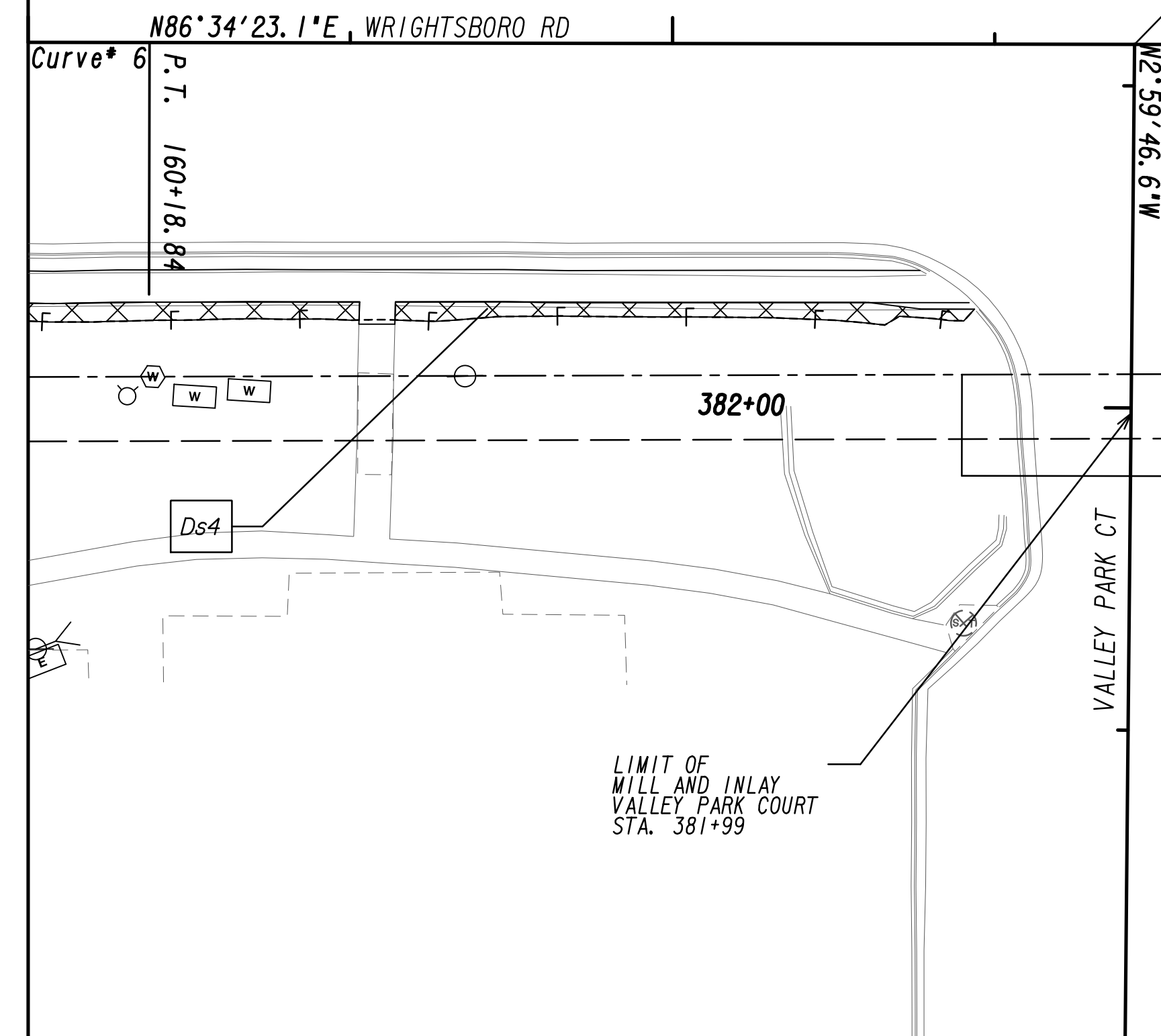
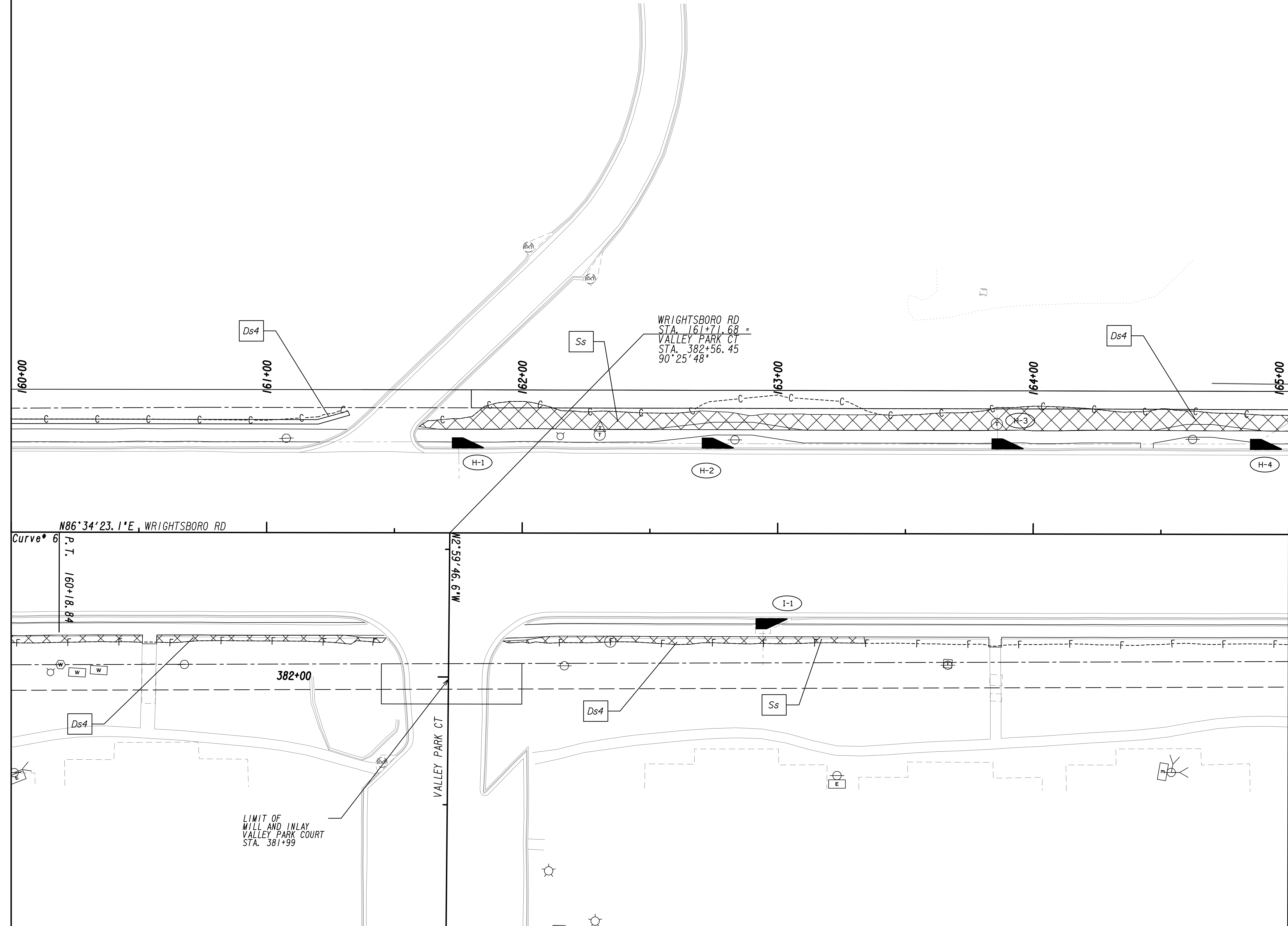
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54.3-0012	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

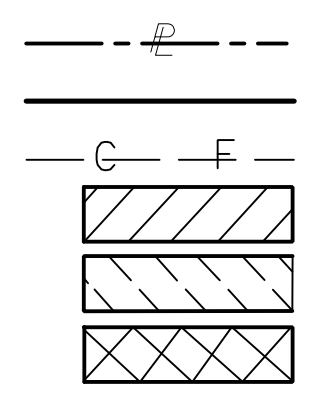


MATCH LINE STA. 160+00  
SEE DRAWING No. 54.3-0012

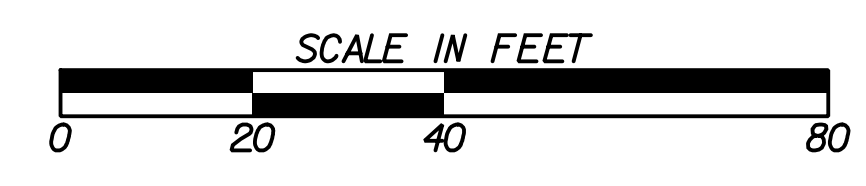
MATCH LINE STA. 165+00  
SEE DRAWING No. 54.3-0014



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

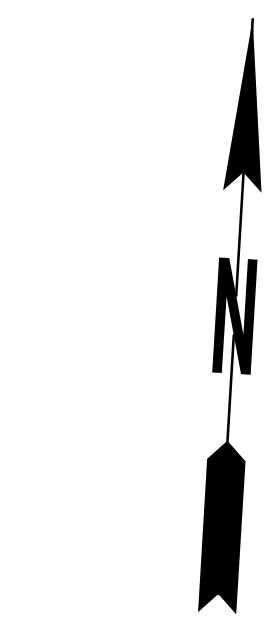
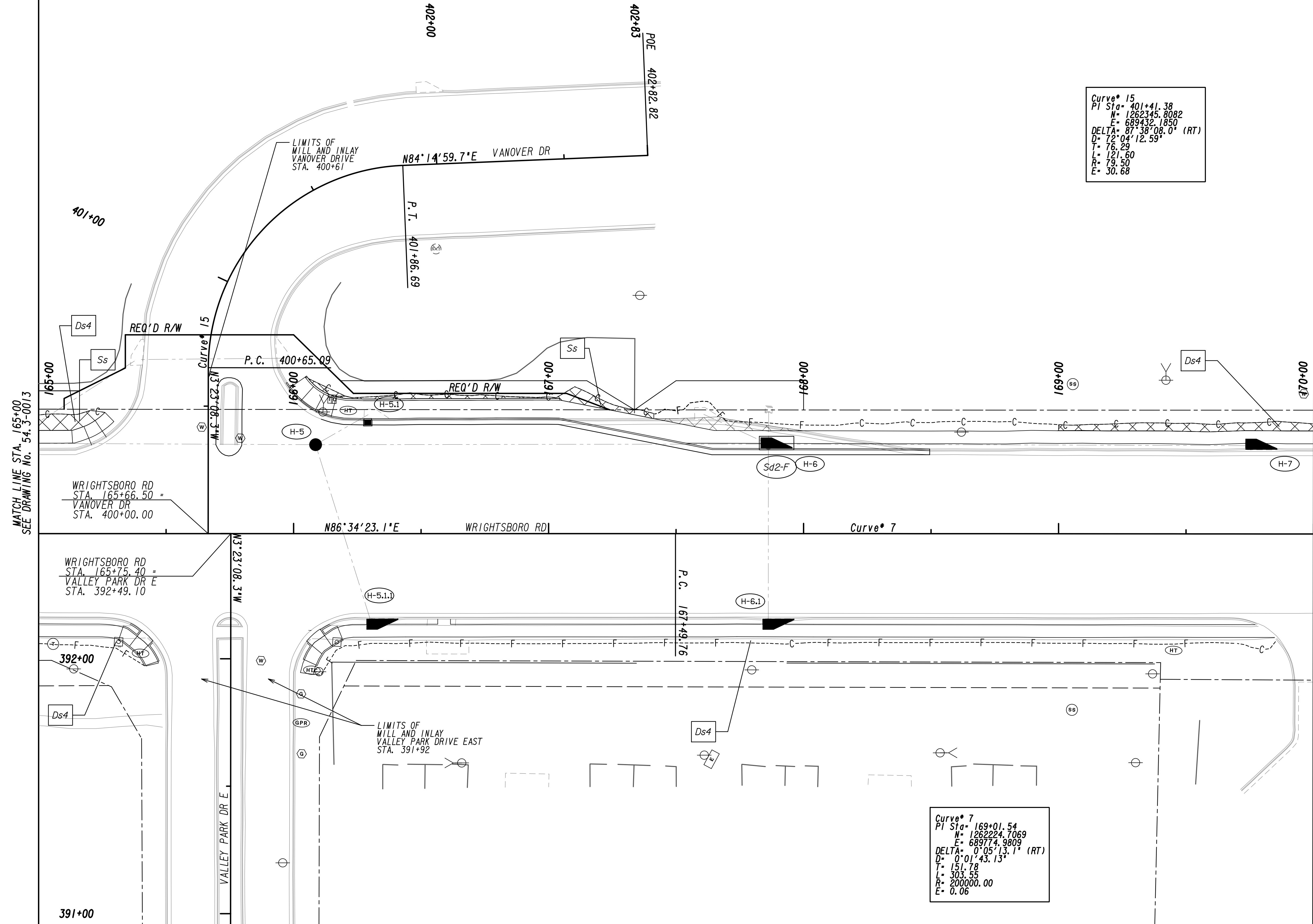


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.3-0013



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)



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REVISION DATES	

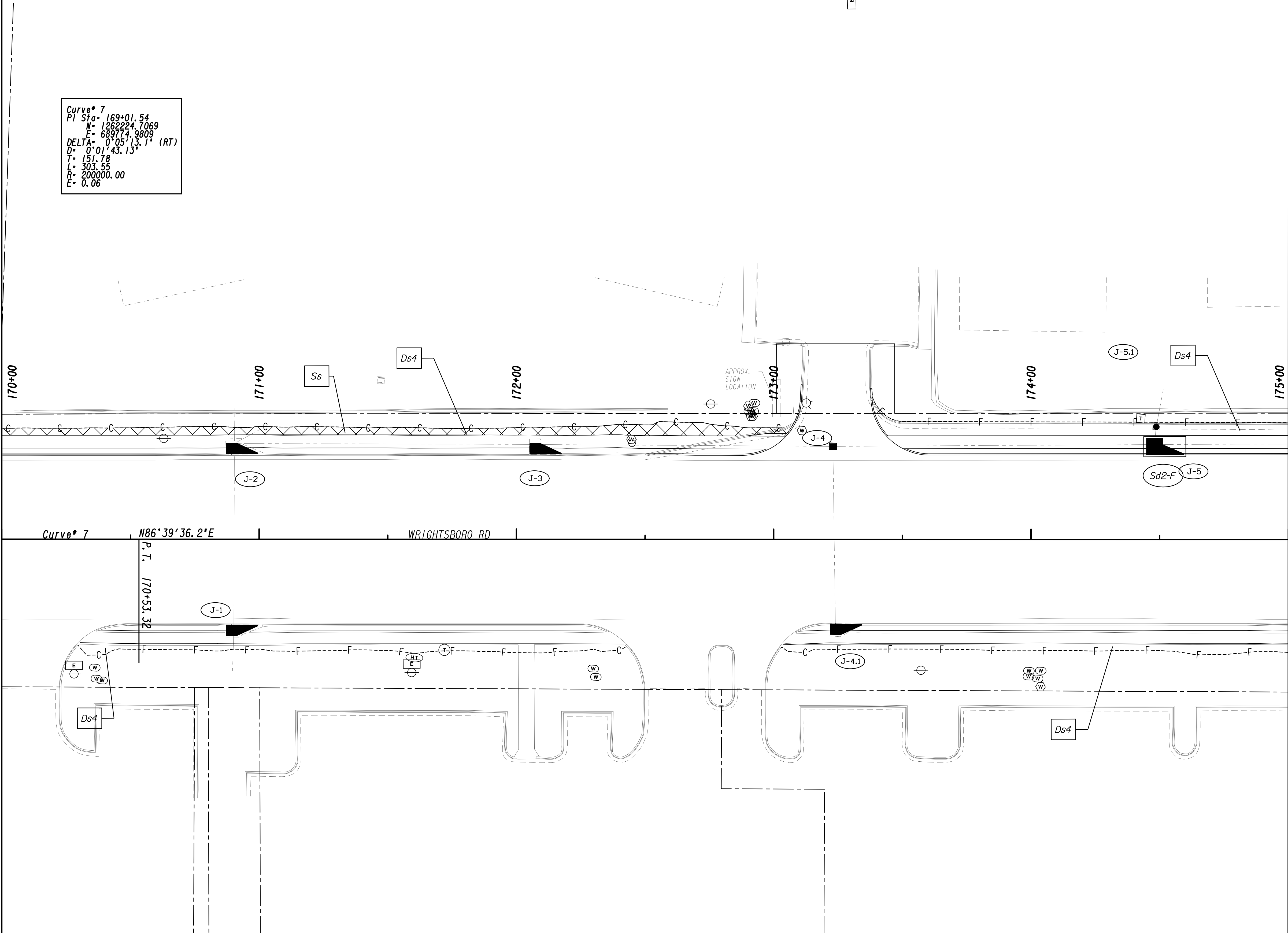
BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54-3-0014	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



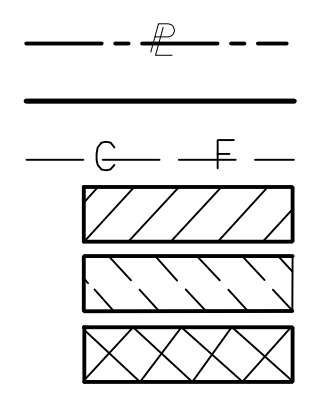
Curve\* 7  
 PI Sta= 169+01.54  
 N= 1262224.7069  
 E= 689774.9809  
 DELTA= 0°05'13.1" (RT)  
 D= 0°01'43.13"  
 T= 151.78  
 L= 303.55  
 R= 200000.00  
 E= 0.06

MATCH LINE STA. 170+00  
SEE DRAWING No. 54.3-0014

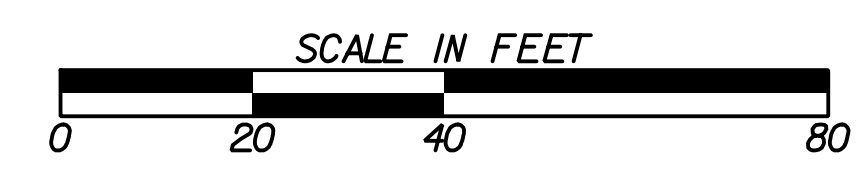
MATCH LINE STA. 175+00  
SEE DRAWING No. 54.3-0016



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

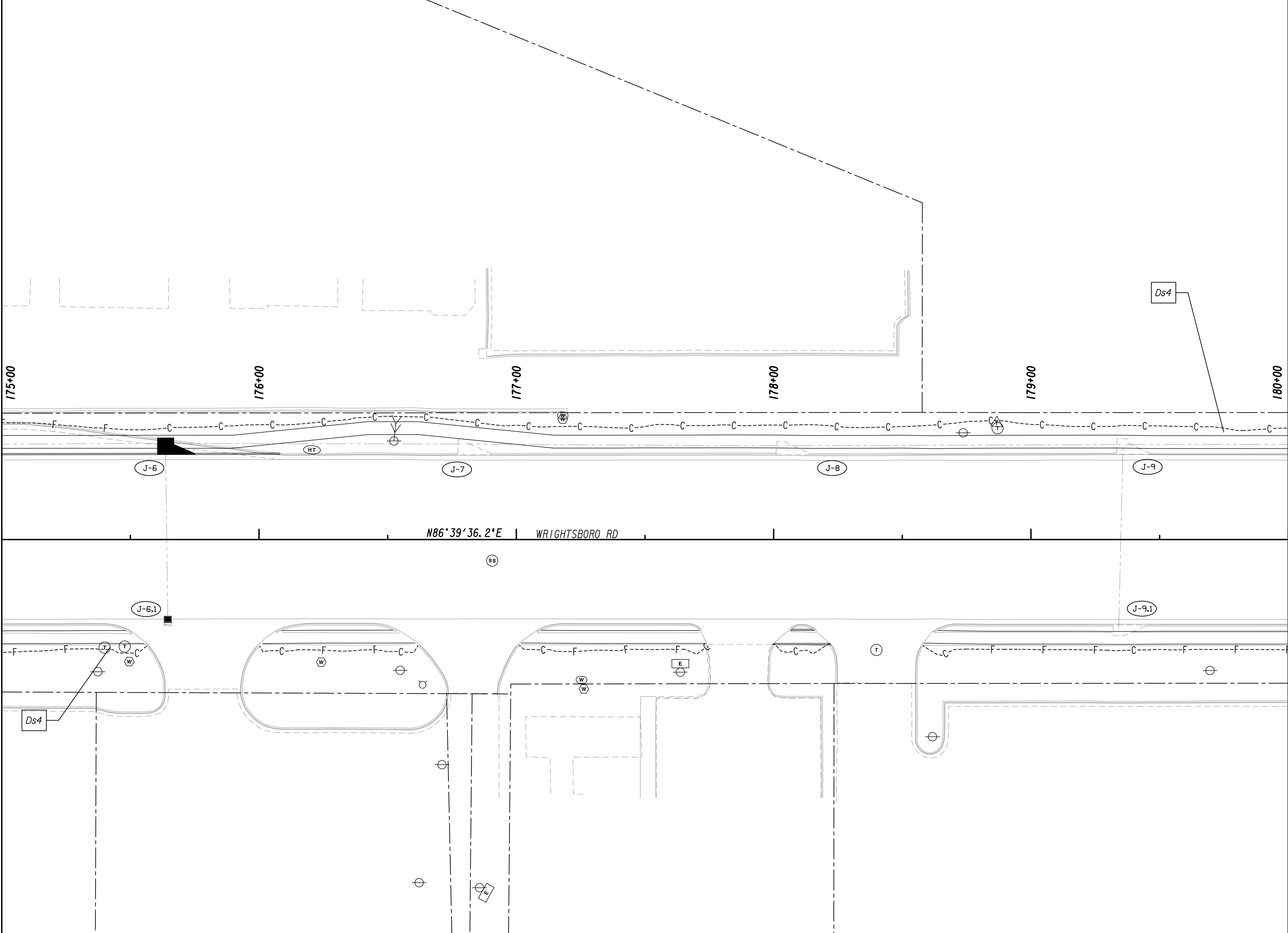


REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.3-0015

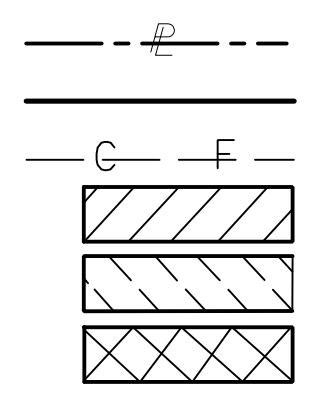


MATCH LINE STA. 175+00  
SEE DRAWING No. 54.3-0015



MATCH LINE STA. 180+00  
SEE DRAWING No. 54.3-0017

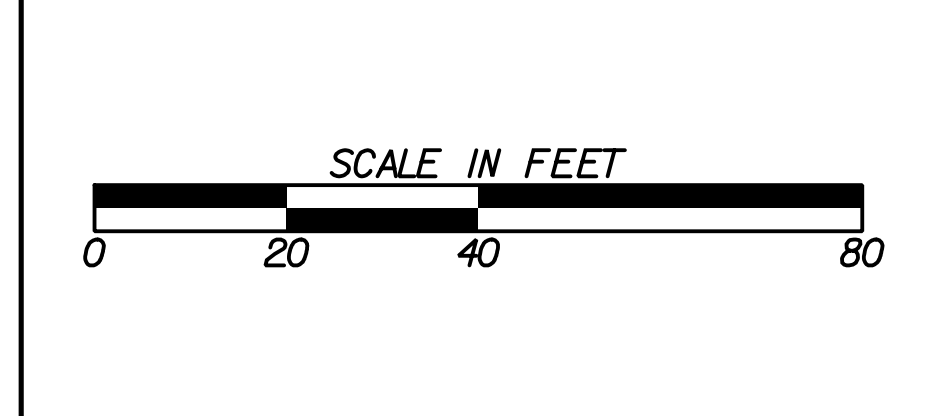
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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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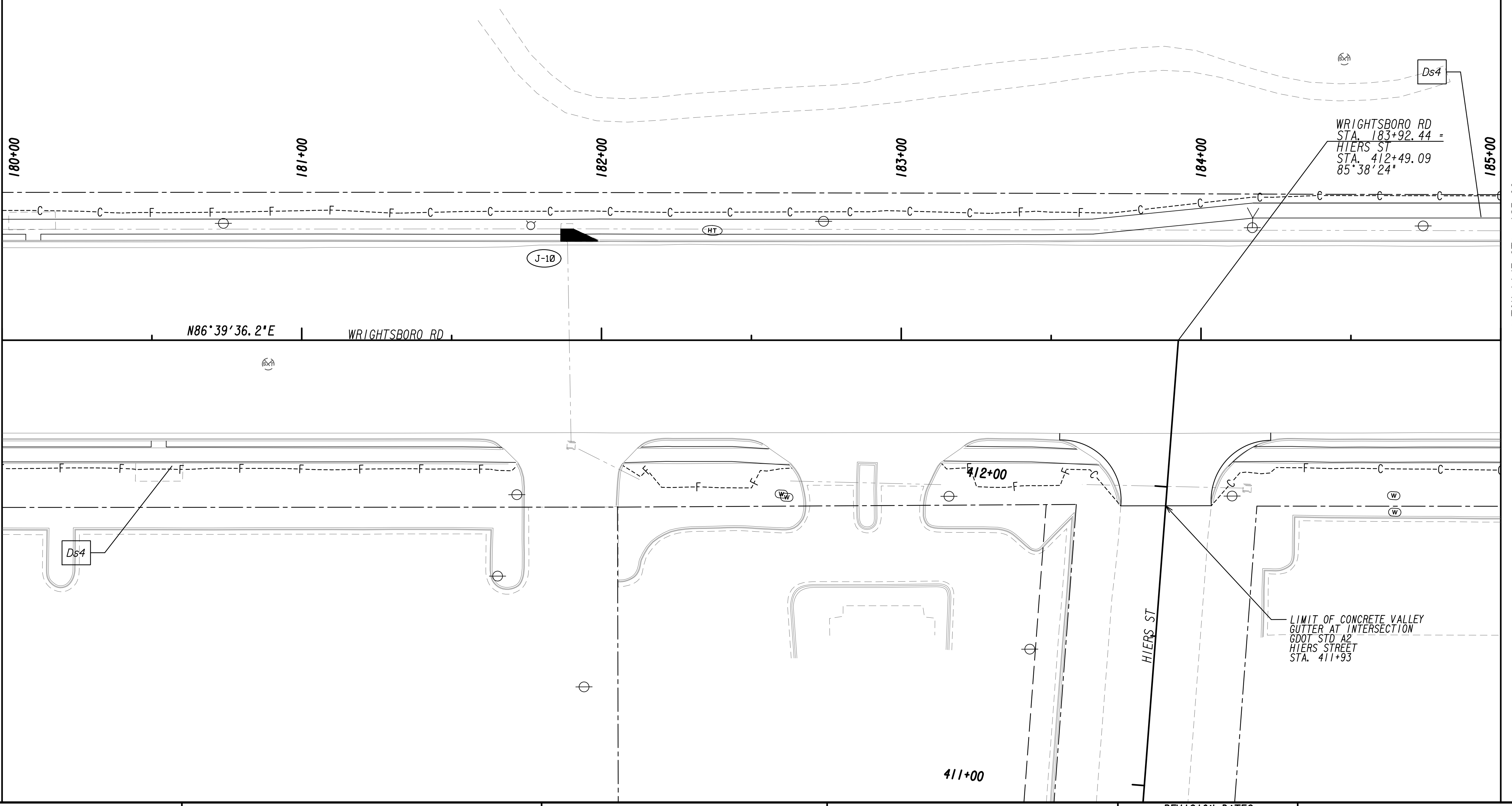
REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 FINAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.3-0016
CORRECTED:	DATE:	
VERIFIED:	DATE:	

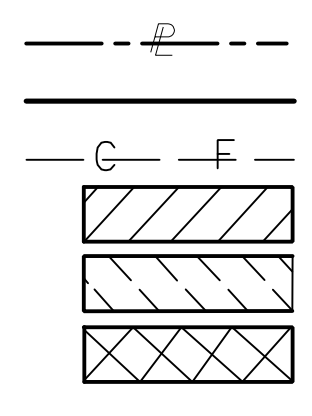


MATCH LINE STA. 180+00  
SEE DRAWING No. 54.3-0016



MATCH LINE STA. 185+00  
SEE DRAWING No. 54.3-0018

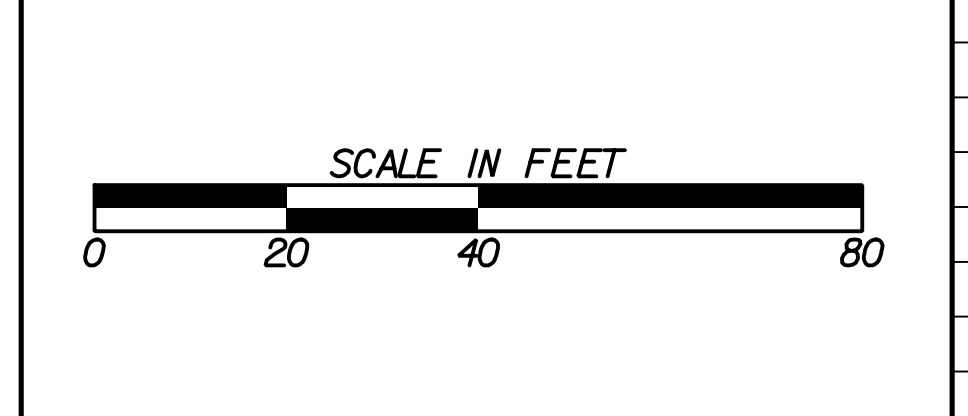
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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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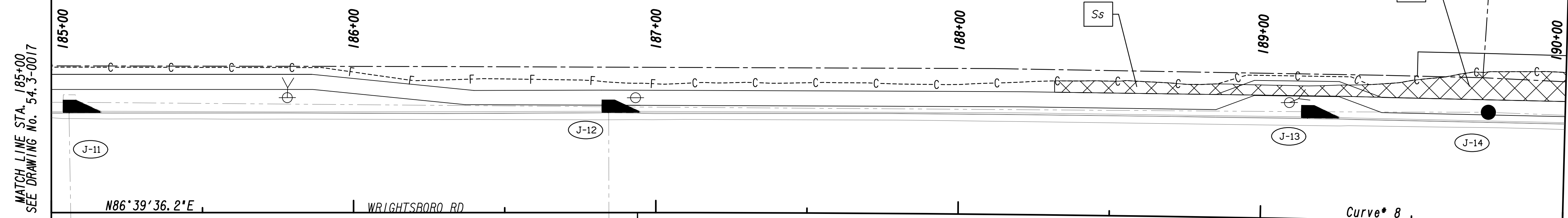
REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 FINAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.3-0017
CORRECTED:	DATE:	
VERIFIED:	DATE:	

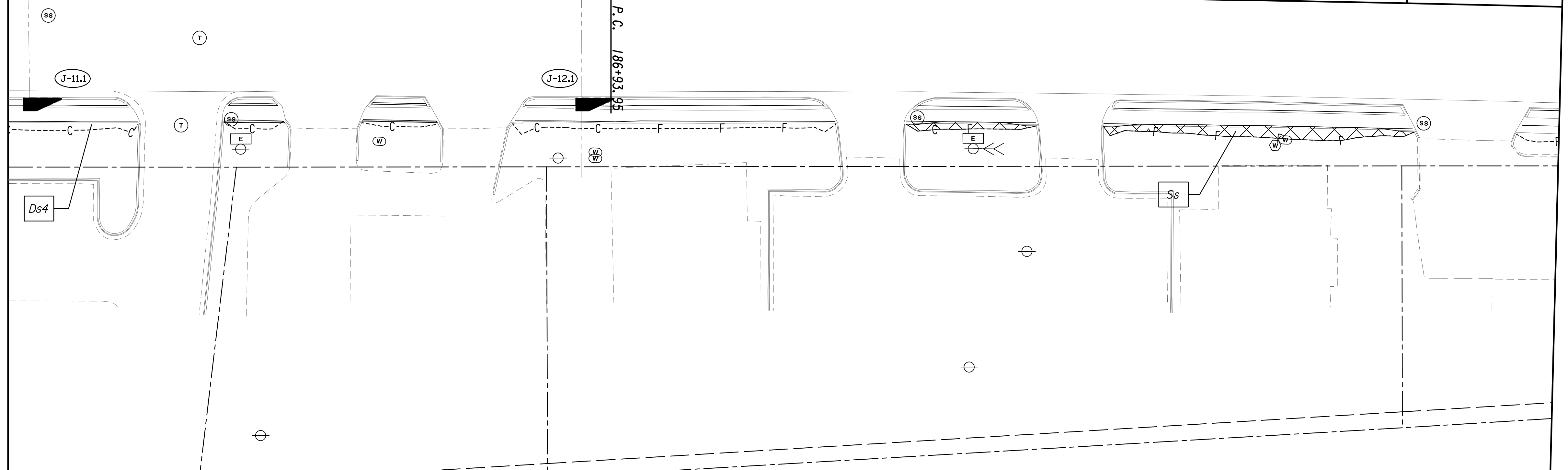


Curve\* 8  
 PI Sta= 191+34.33  
 W= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0°28'38.87"  
 T= 440.38  
 L= 880.76  
 R= 12000.00  
 E= 8.08



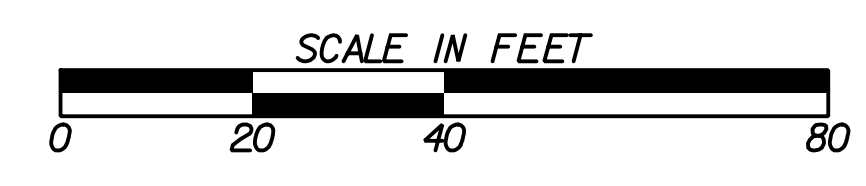
MATCH LINE STA. 185+00  
 SEE DRAWING No. 54.3-0017

MATCH LINE STA. 190+00  
 SEE DRAWING No. 54.3-0019



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

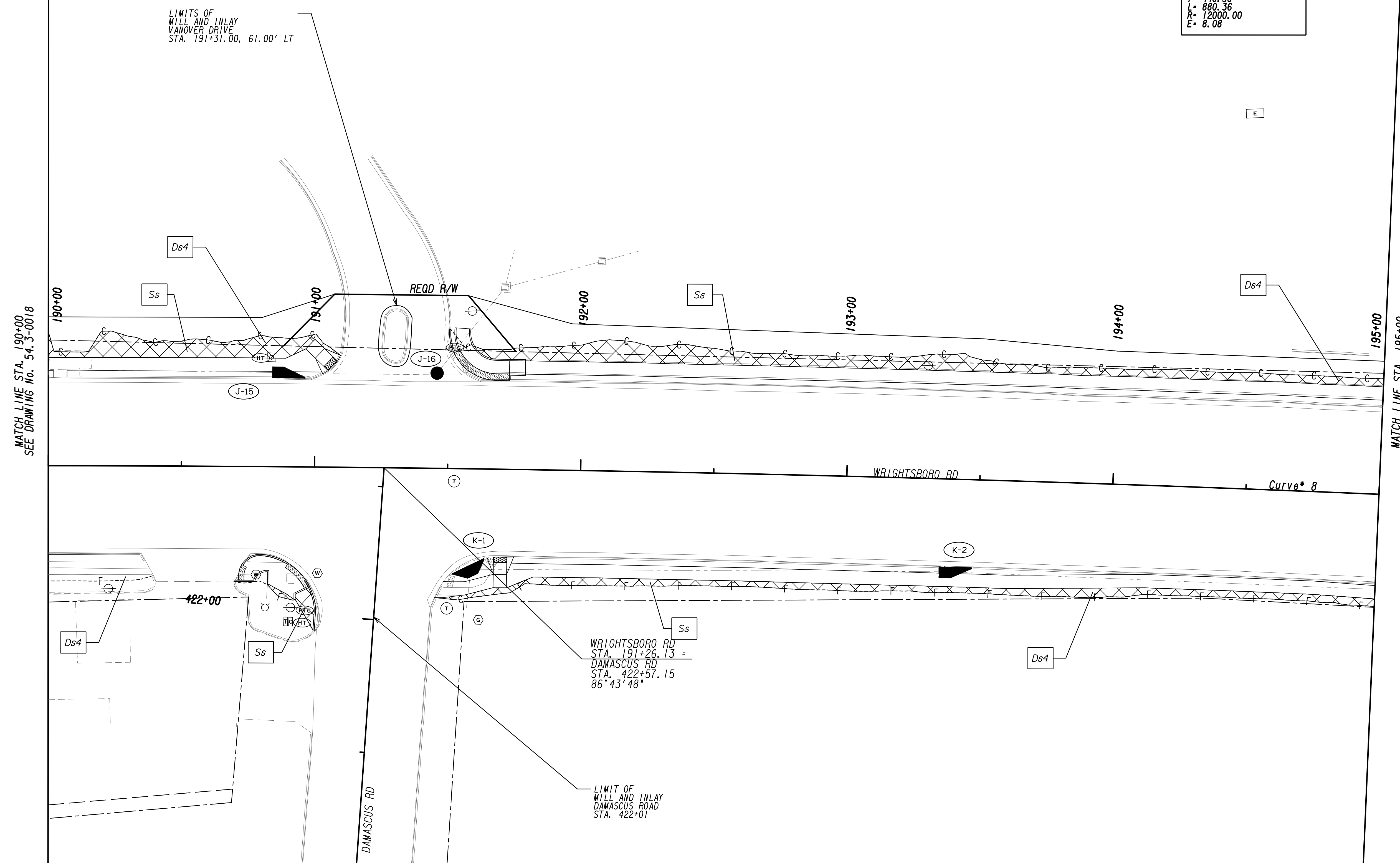
— P — BEGIN LIMIT OF ACCESS.....BLA  
 — ELA END LIMIT OF ACCESS.....ELA  
 — C — F — LIMIT OF ACCESS  
 — III — III — REQ'D R/W & LIMIT OF ACCESS  
 — ● — ● — ORANGE BARRIER FENCE  
 — ▽ — ▽ — ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.3-0018

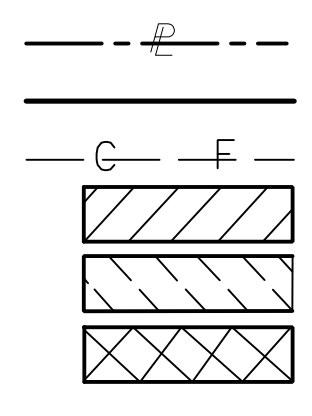
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 PI Sta= 191+34.33  
 N= 1262354.7895  
 E= 692003.9739  
 DELTA= 7°12'12.3" (RT)  
 D= 0'28"38.87"  
 L= 880.36  
 R= 12000.00  
 E= 8.08



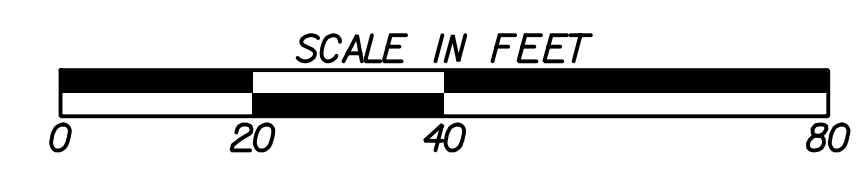
MATCH LINE STA. 190+00  
SEE DRAWING No. 54.3-0018

MATCH LINE STA. 195+00  
SEE DRAWING No. 54.3-0020

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



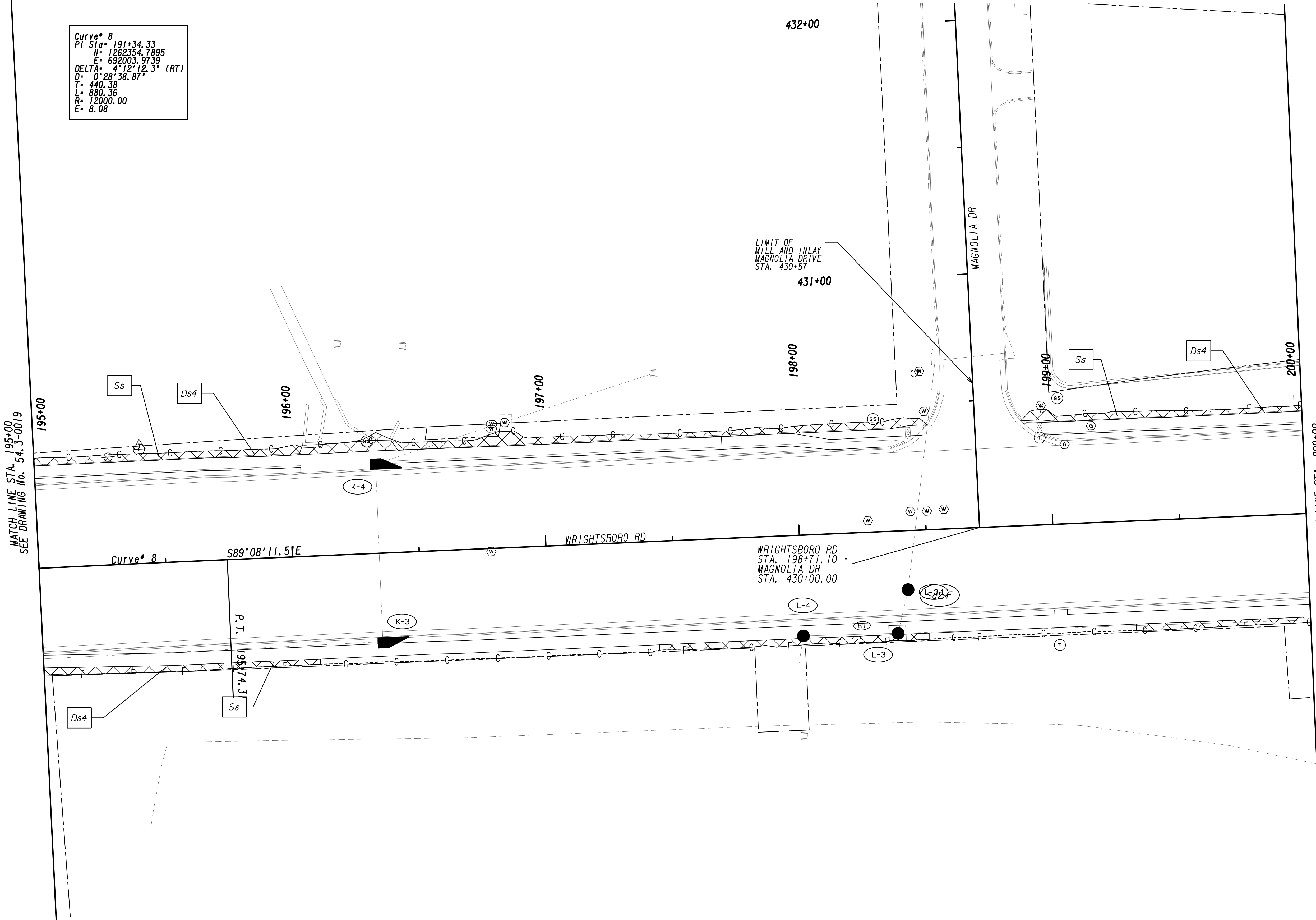
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54.3-0019	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

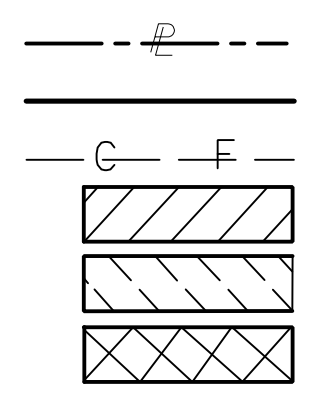




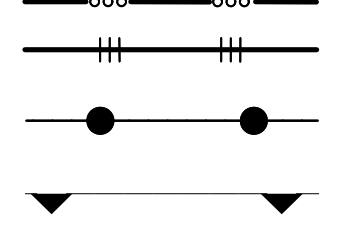
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 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0'28"38.87"  
 T= 440.38  
 L= 880.36  
 R= 12000.00  
 E= 8.08



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



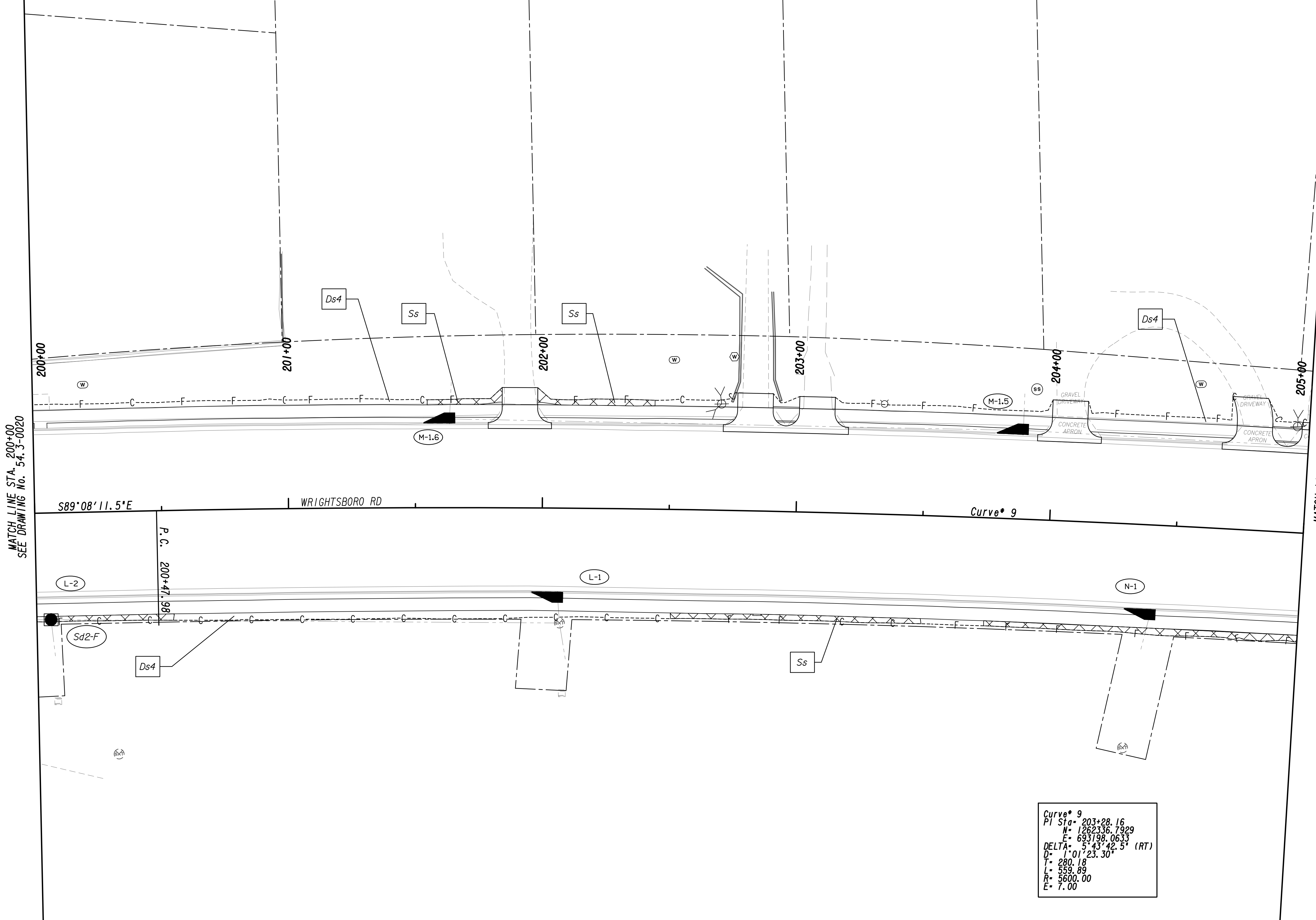
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REVISION DATES	

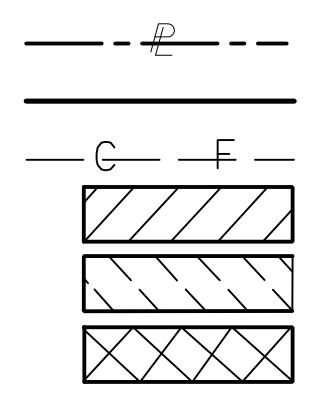
**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 FINAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-3-0020
CORRECTED:	DATE:	
VERIFIED:	DATE:	

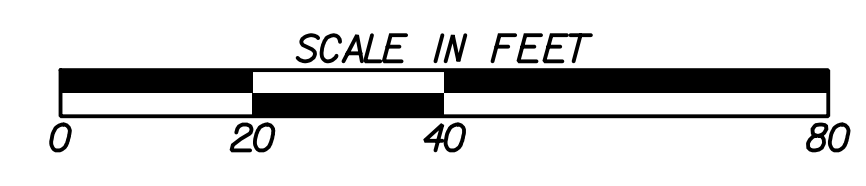


Curve\* 9  
 PI Sta = 203+28.16  
 M = 126336.7929  
 E = 693198.0633  
 DELTA = 5°43'42.5" (RT)  
 D = 1°01'23.30"  
 T = 280.18  
 L = 559.89  
 R = 5600.00  
 E = 7.00

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

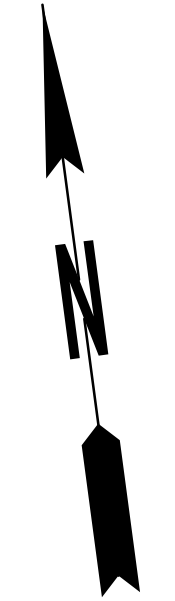


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



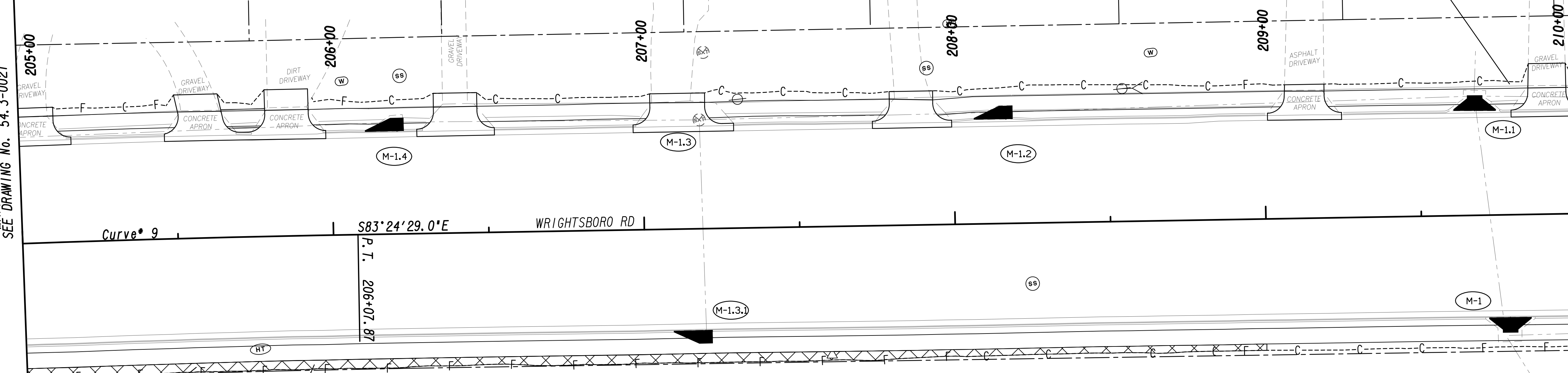
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
VERIFIED:	DATE:		
DRAWING No.			54-3-0021



MATCH LINE STA. 205+00  
SEE DRAWING No. 54.3-0021

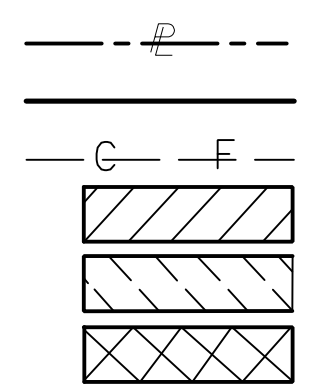
MATCH LINE STA. 210+00  
SEE DRAWING No. 54.3-0023



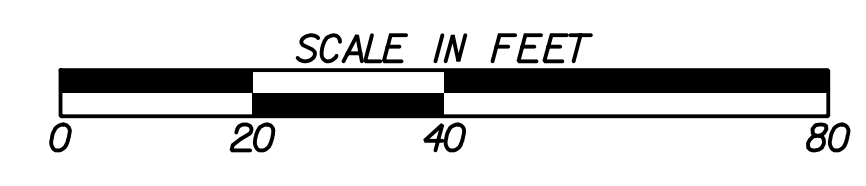
Curve\* 9 S83°24'29.0°E WRIGHTSBORO RD

P.T. 206+07.87

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

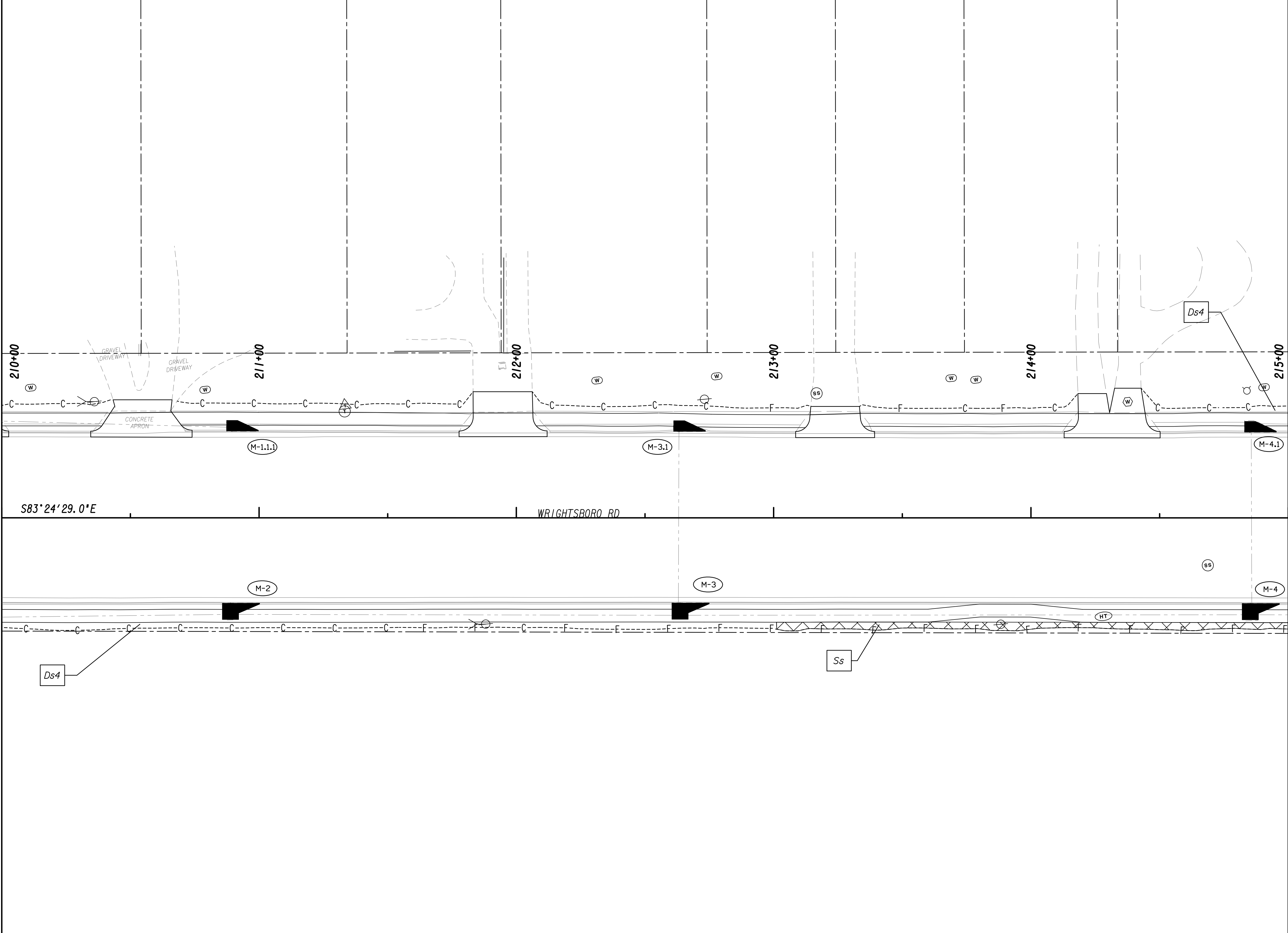


REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.3-0022

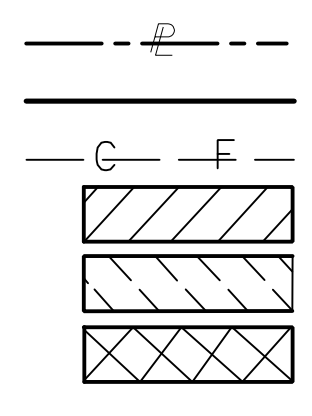


MATCH LINE STA. 210+00  
SEE DRAWING No. 54.3-0022



MATCH LINE STA. 215+00  
SEE DRAWING No. 54.3-0024

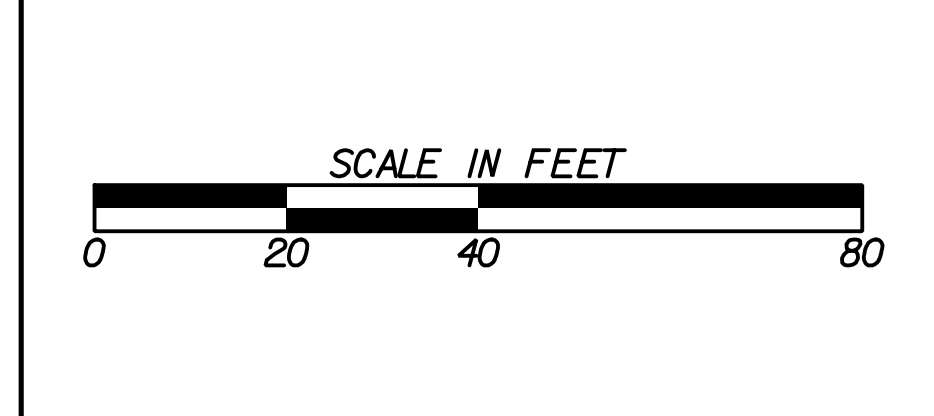
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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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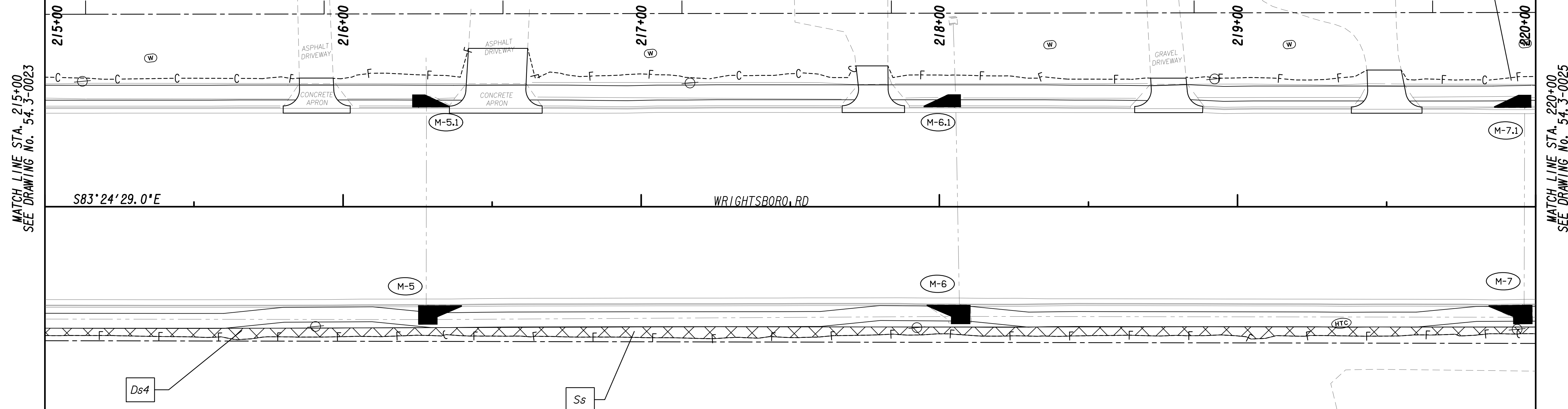


REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 FINAL PHASE

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

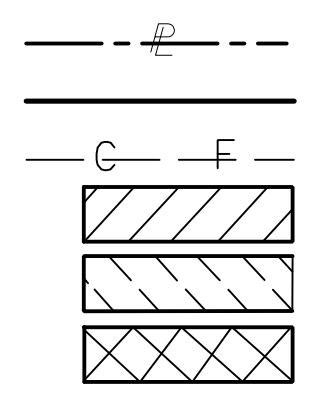
DRAWING No. 54.3-0023



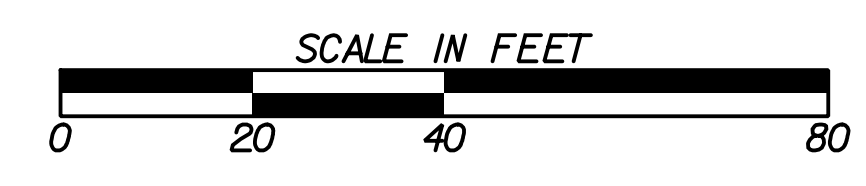
MATCH LINE STA. 215+00  
SEE DRAWING No. 54.3-0023

MATCH LINE STA. 220+00  
SEE DRAWING No. 54.3-0025

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



REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 FINAL PHASE

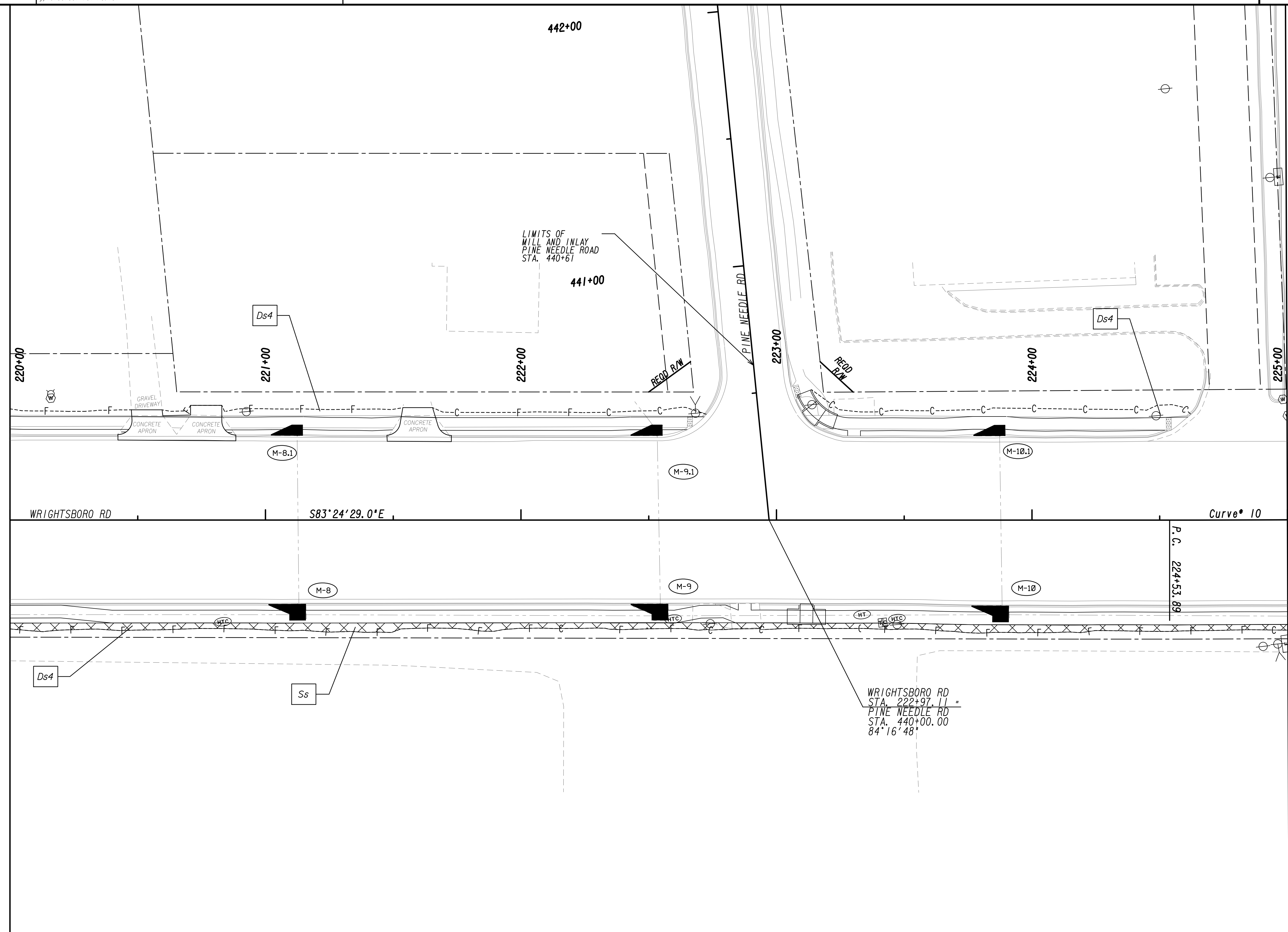
CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No. 54.3-0024



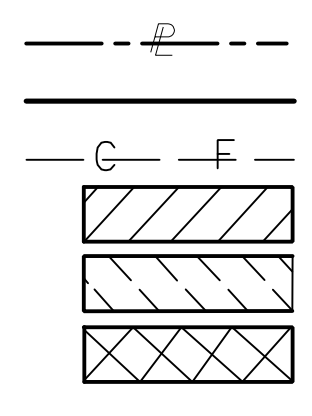
MATCH LINE STA. 220+00  
SEE DRAWING No. 54-3-0024

MATCH LINE STA. 225+00  
SEE DRAWING No. 54-3-0026

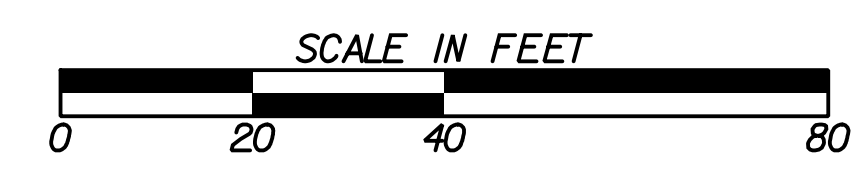


WRIGHTSBORO RD  
STA. 222+97.11 =  
PINE NEEDLE RD  
STA. 440+00.00  
84°16'48"

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



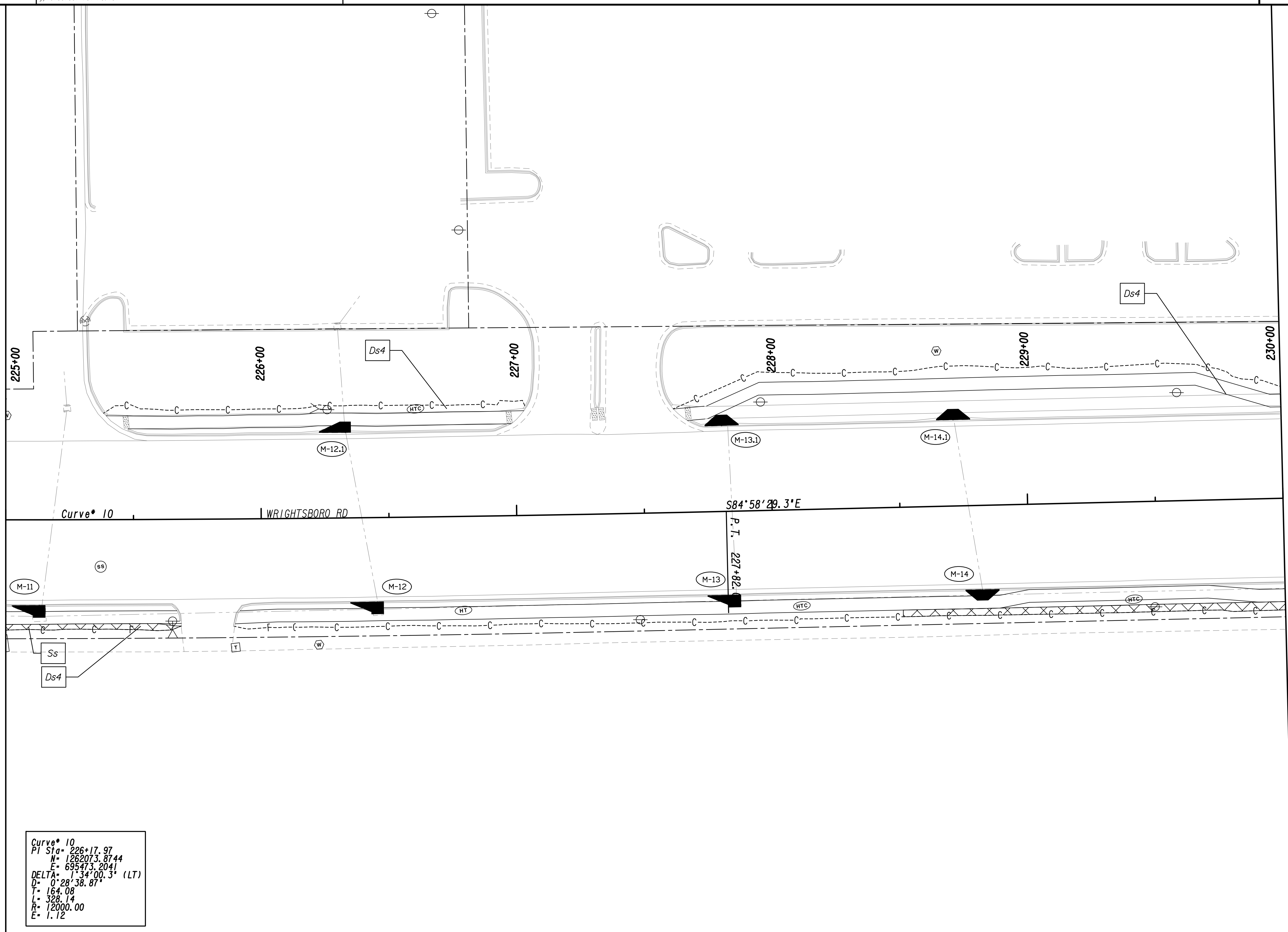
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54-3-0025



MATCH LINE STA. 225+00  
SEE DRAWING No. 54-3-0025

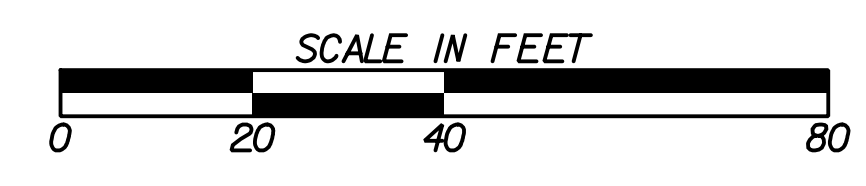
MATCH LINE STA. 230+00  
SEE DRAWING No. 54-3-0027



Curve\* 10  
 PI Sta= 226+17.97  
 N= 1262073.8744  
 E= 695473.2041  
 DELTA= 1°34'00.3" (LT)  
 D= 0°28'38.87"  
 T= 164.08  
 L= 328.14  
 R= 2000.00  
 E= 1.12

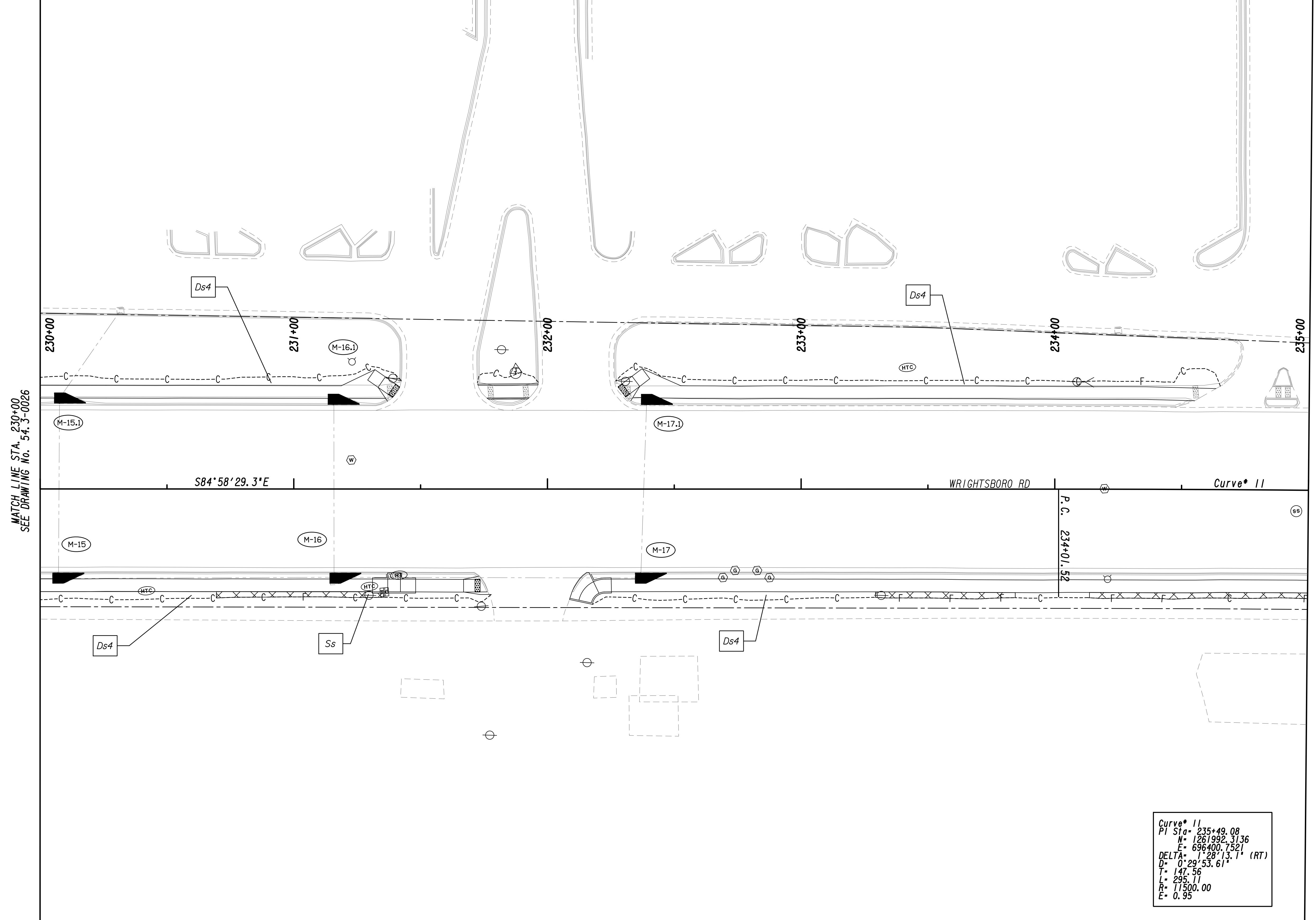
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

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)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
CORRECTED:	DATE:	VERIFIED:	DATE:
DRAWING No.			54-3-0026

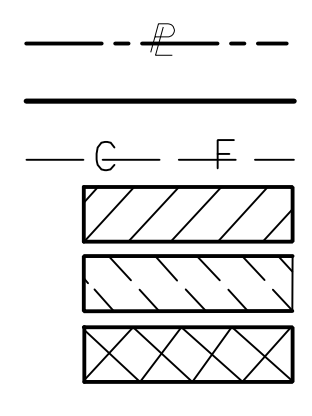


MATCH LINE STA. 230+00  
SEE DRAWING No. 54.3-0026

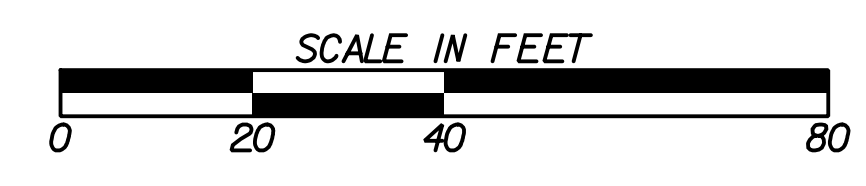
MATCH LINE STA. 235+00  
SEE DRAWING No. 54.3-0028

**Curve # 11**  
 PI Sta = 235+49.08  
 N = 1261992.3136  
 E = 696400.7321  
 DELTA = 128°13.1' (RT)  
 D = 0°29'53.61"  
 T = 147.56  
 L = 235.11  
 R = 11500.00  
 E = 0.95

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



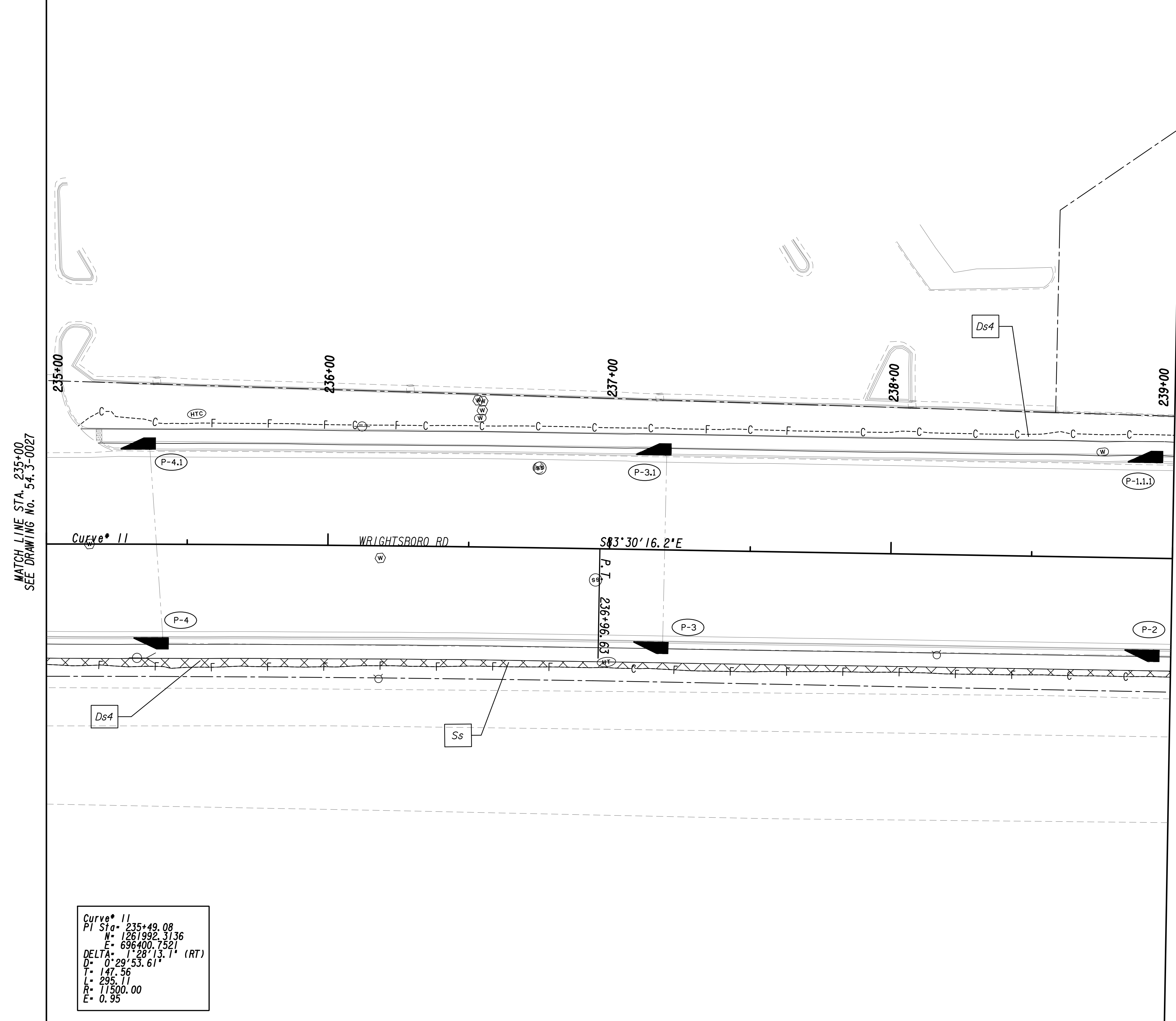
BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54.3-0027	
CORRECTED:	DATE:		
VERIFIED:	DATE:		





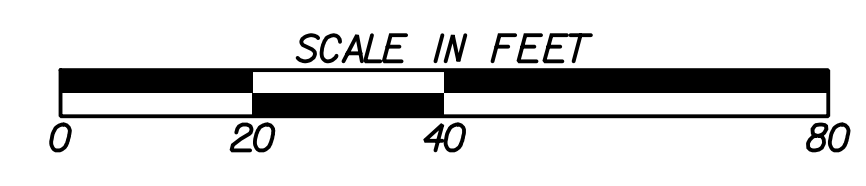
MATCH LINE STA. 235+00  
SEE DRAWING No. 54.3-0027

MATCH LINE STA. 239+00  
SEE DRAWING No. 54.3-0029

Curve\* 11  
 PI Sta= 235+49.08  
 N= 1261992.3136  
 E= 696400.7521  
 DELTA= 112°28'13.1" (RT)  
 D= 0'29'53.61"  
 T= 147.56  
 L= 295.11  
 R= 11500.00  
 E= 0.95

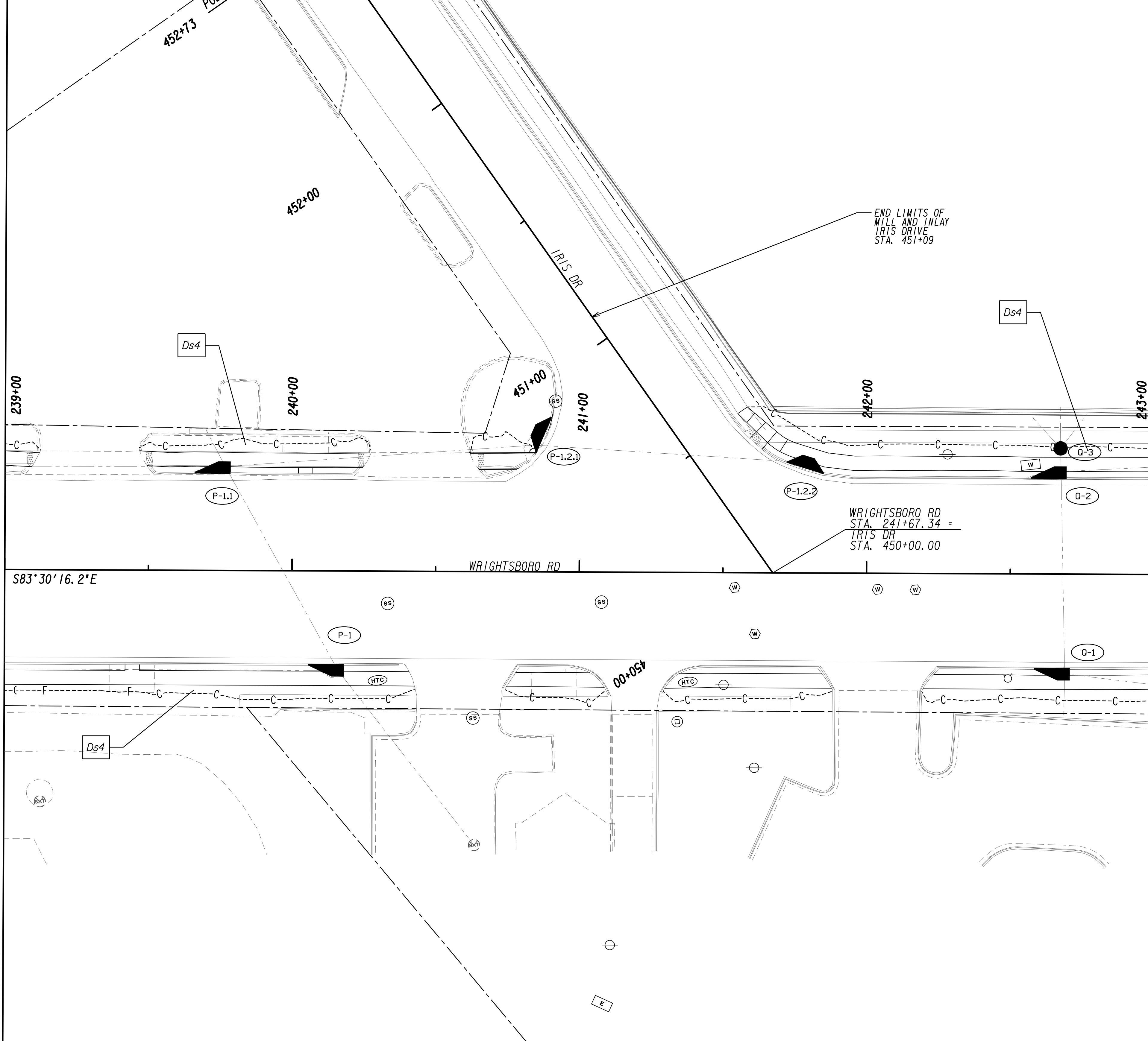
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

---P--- 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)

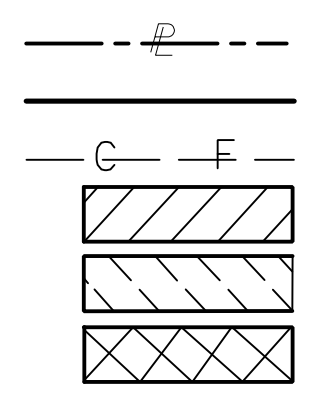


REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			54.3-0028



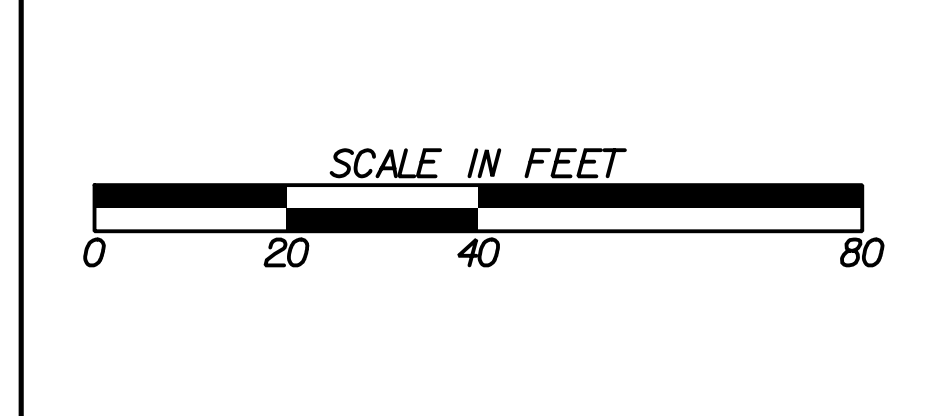
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES


 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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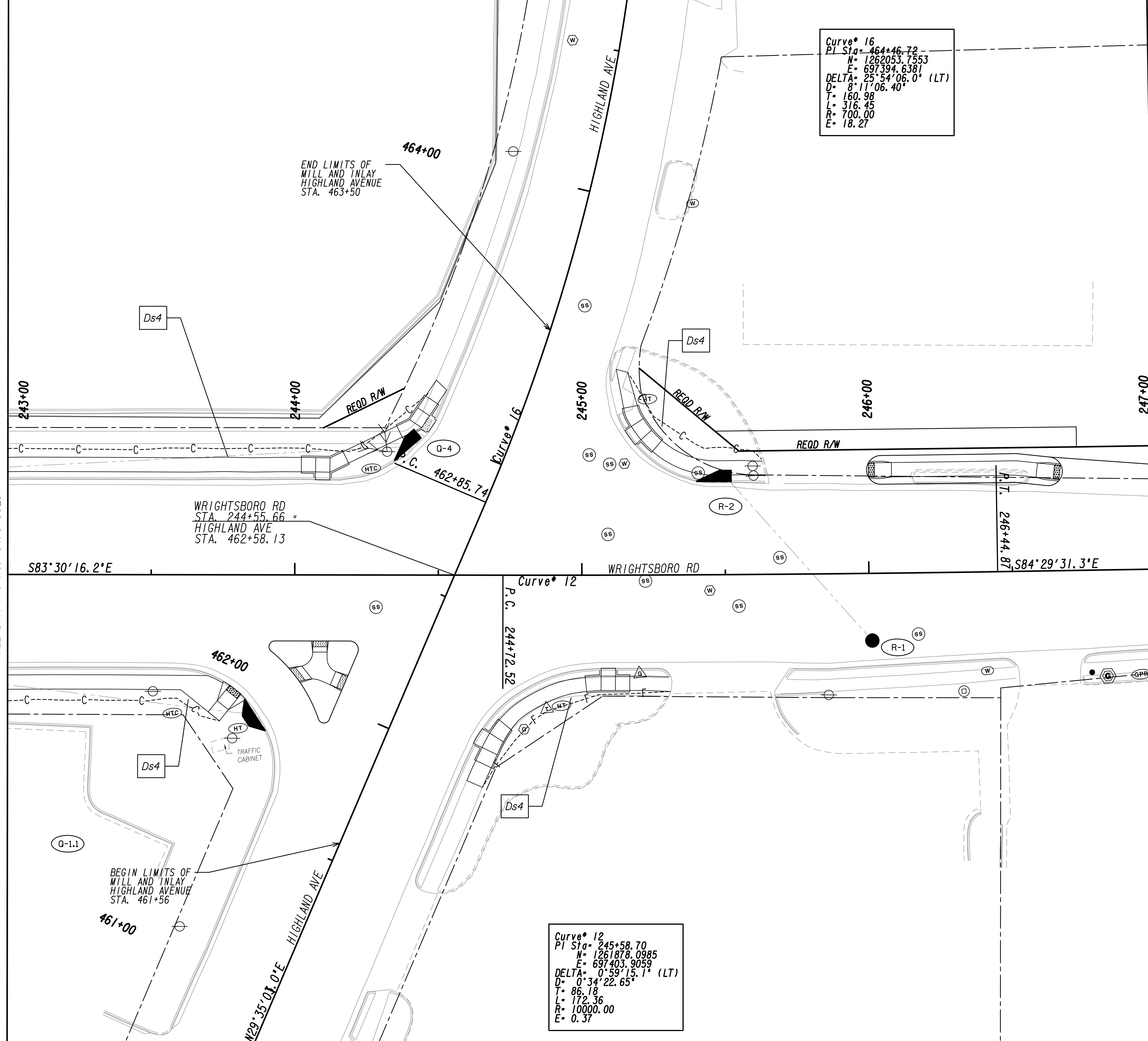
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 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com



REVISION DATES	

**BMP LOCATION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE  
 FINAL PHASE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54.3-0029
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Curve\* 16  
 P.I. Sta= 464+46.72  
 N= 1262053.7553  
 E= 697394.6381  
 DELTA= 25°54'06.0" (LT)  
 D= 8'11"06.40"  
 T= 160.98  
 L= 316.45  
 R= 700.00  
 E= 18.27

Curve\* 12  
 P.I. Sta= 245+58.70  
 N= 1261878.0985  
 E= 697403.9059  
 DELTA= 0°59'15.1" (LT)  
 D= 0'34"22.65"  
 T= 86.18  
 L= 172.36  
 R= 10000.00  
 E= 0.37

MATCH LINE STA. 243+00  
 SEE DRAWING NO. 54-3-0029

MATCH LINE STA. 247+00  
 SEE DRAWING NO. 54-3-0031

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

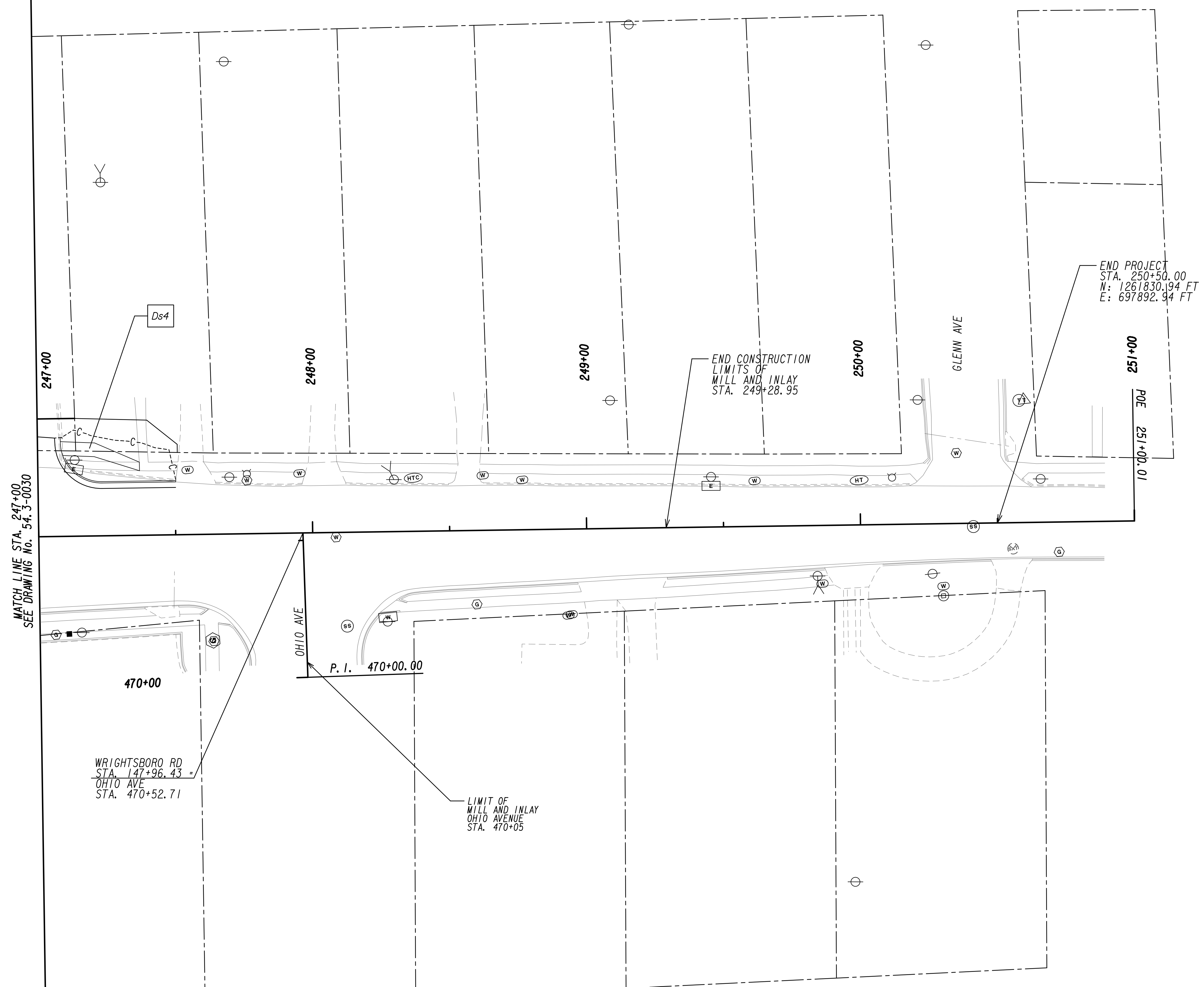
— P ———  
 ——— F ———  
 ——— C ———  
 ——— S ———  
 ——— O ———  
 ——— B ———  
 ——— T ———  
 ——— A ———  
 ——— M ———  
 ——— N ———  
 ——— D ———  
 ——— E ———  
 ——— R ———  
 ——— I ———  
 ——— G ———  
 ——— H ———  
 ——— J ———  
 ——— K ———  
 ——— L ———  
 ——— M ———  
 ——— N ———  
 ——— O ———  
 ——— P ———  
 ——— Q ———  
 ——— R ———  
 ——— S ———  
 ——— T ———  
 ——— U ———  
 ——— V ———  
 ——— W ———  
 ——— X ———  
 ——— Y ———  
 ——— Z ———

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)



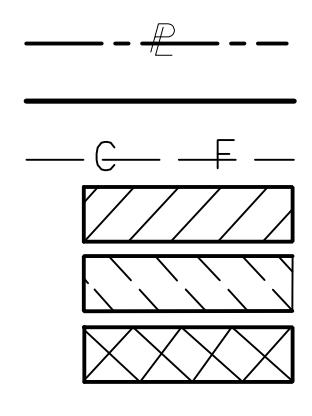
REVISION DATES	

BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54-3-0030	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

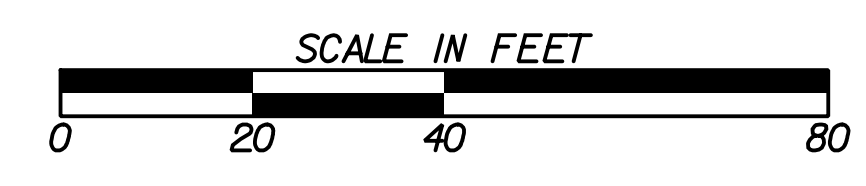


MATCH LINE STA. 247+00  
SEE DRAWING No. 54-3-0030

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

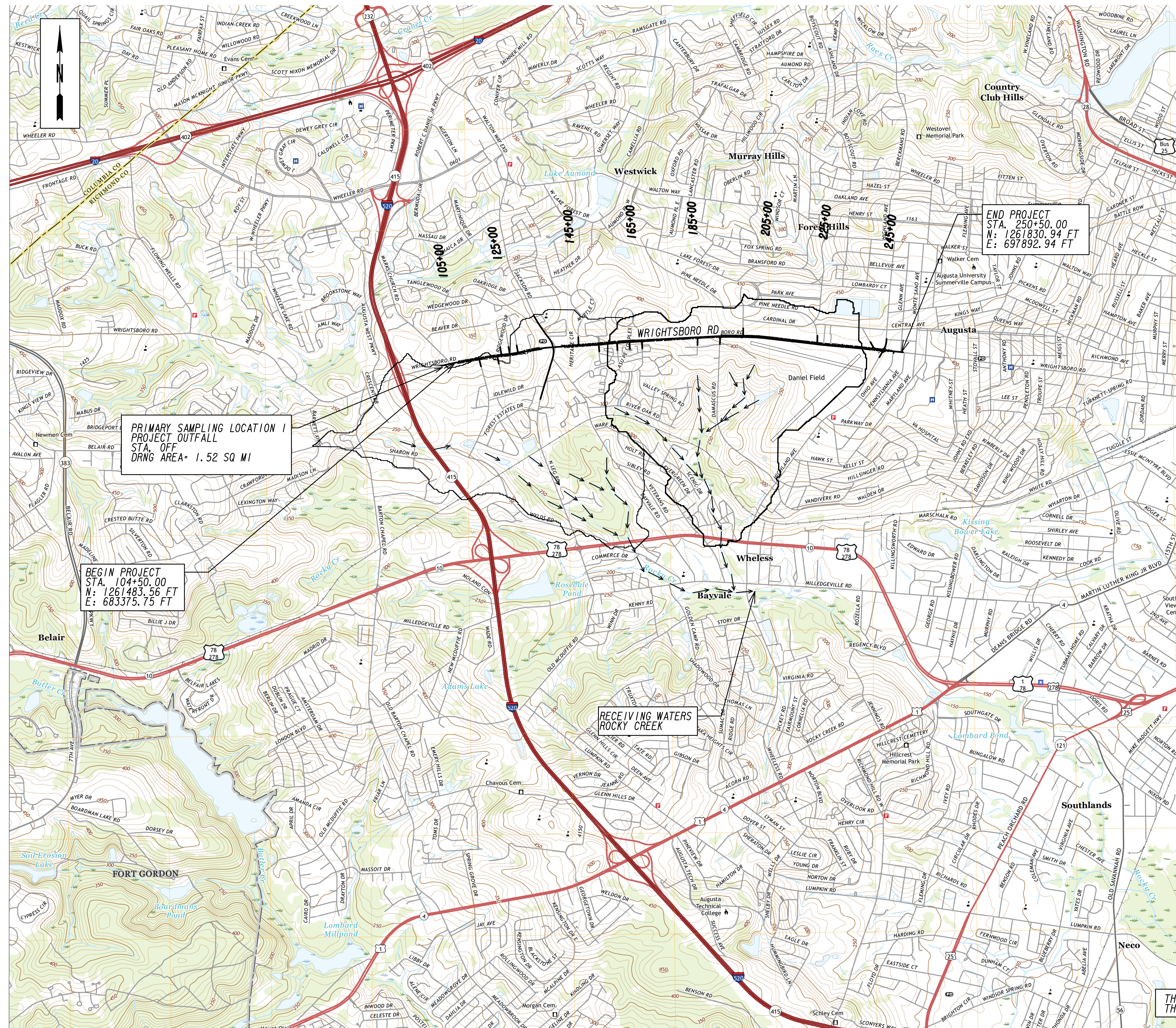


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



REVISION DATES	

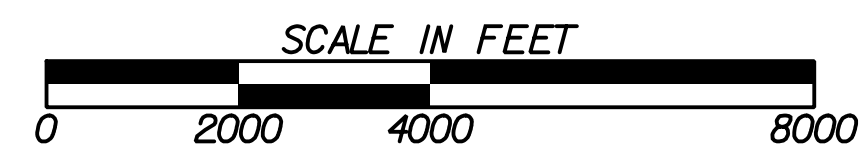
BMP LOCATION DETAILS			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE FINAL PHASE			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	54-3-0031	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



THE TOTAL PROJECT AREA IS 34.59 ACRES.  
THE TOTAL DISTURBED AREA IS 5.25 ACRES.



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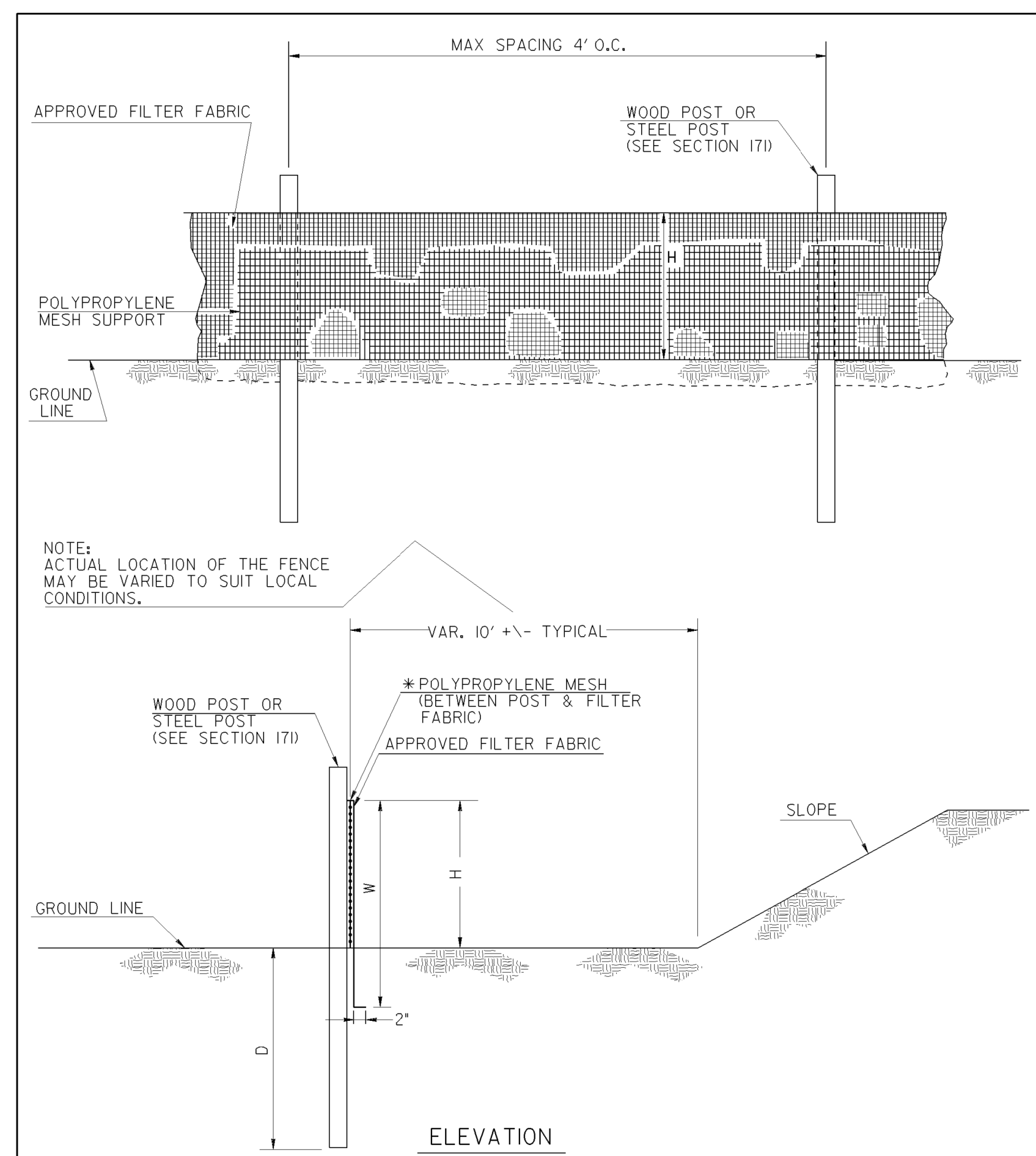


REVISION DATES

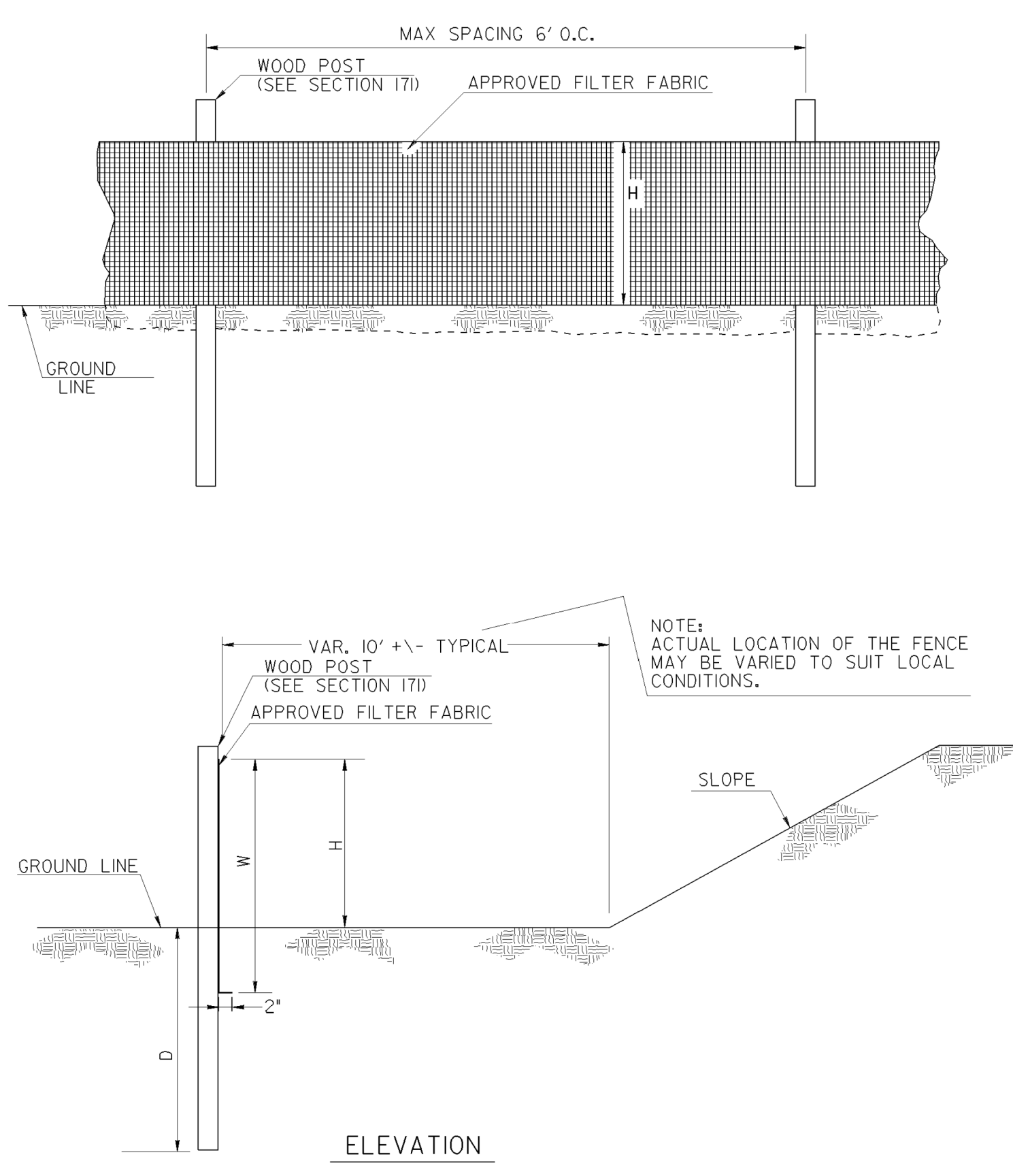
NO.	DATE	DESCRIPTION

**WATERSHED MAP SITE MONITORING PLAN**  
WRIGHTSBORO RD RECONSTRUCTION  
AND PEDESTRIAN IMPROVEMENTS  
FROM MARKS CHURCH RD TO HIGHLAND AVENUE

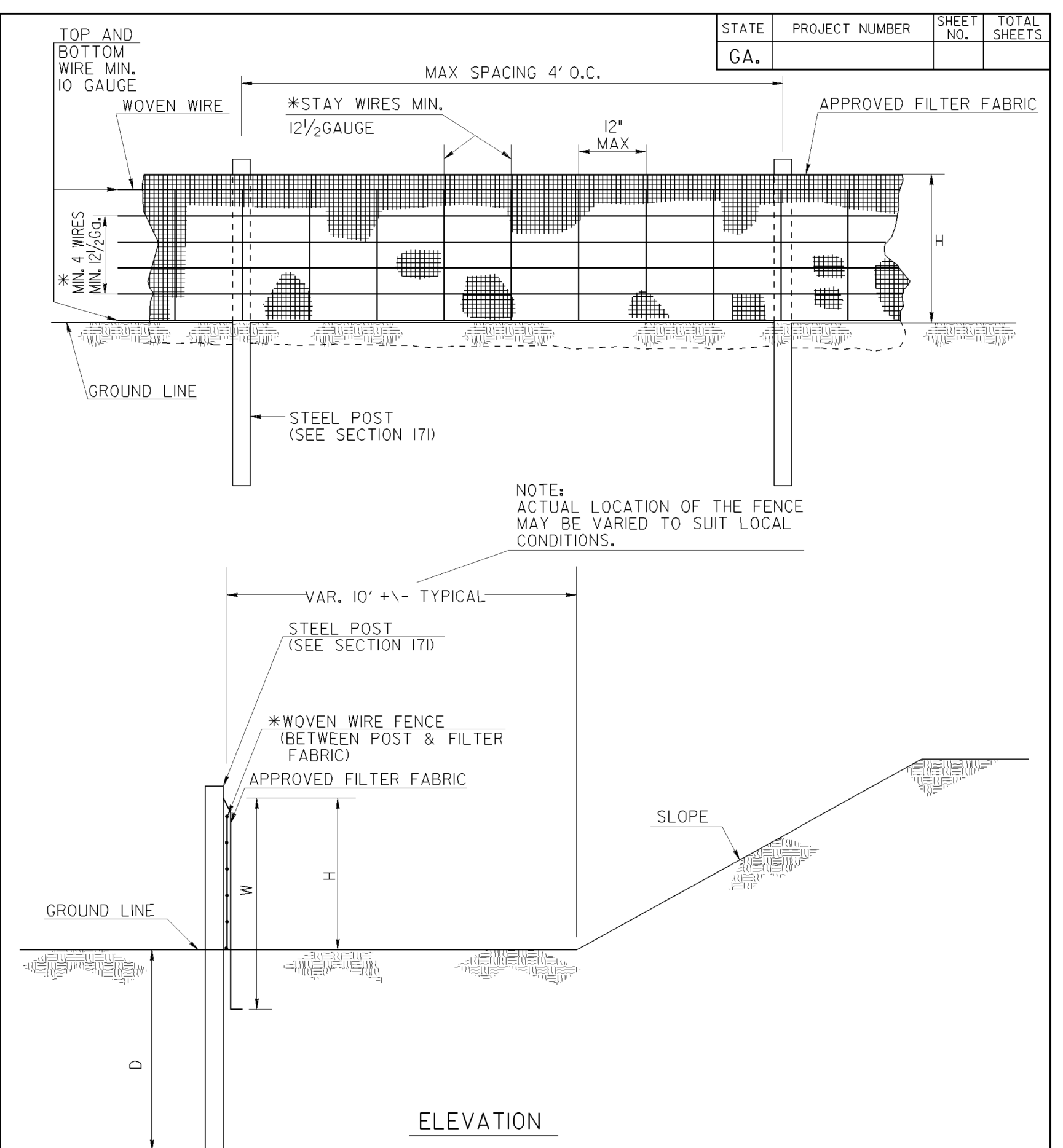
CHECKED:	DATE:	DRAWING No. <b>55-0001</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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

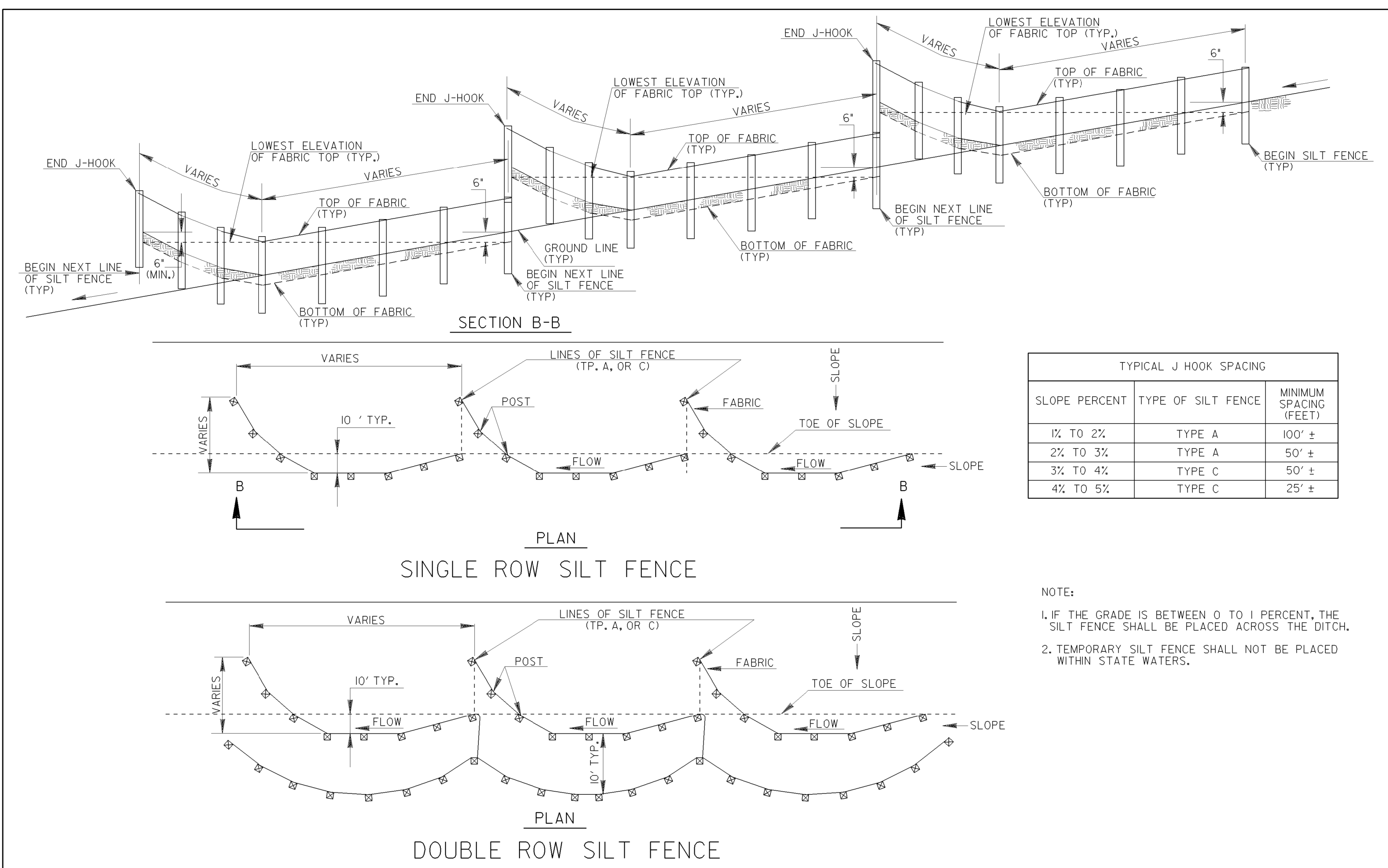
FENCE TYPE	POST LENGTH	H	D	W	TYPICAL USES
TYPE 'A'	4 FT.	2'-4"	1'-6"	3'-0"	
TYPE 'C'	4 FT.	2'-4"	1'-6"	3'-0"	AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D.

- NOTES:
1. WIRE STAPLES SHALL BE AT LEAST 17 GAUGE, WITH LEGS AT LEAST 1/2 INCHES LONG AND A CROWN AT LEAST 3/4 INCHES WIDE. NAILS SHALL BE AT LEAST 14 GAUGE, 1 INCH LONG, WITH BUTTON HEADS AT LEAST 3/4 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 12 1/2 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 OPL-36 FOR A LIST APPROVED SILT FENCE FABRIC.
  8. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS UNLESS PERMITTED.

DEPARTMENT OF TRANSPORTATION	
STATE OF GEORGIA	
CONSTRUCTION DETAILS	
TEMPORARY SILT FENCE	
NO SCALE	REV. AND REDRAWN JAN. 2011
BY	NUMBER D-24A (SHEET 1 OF 4)

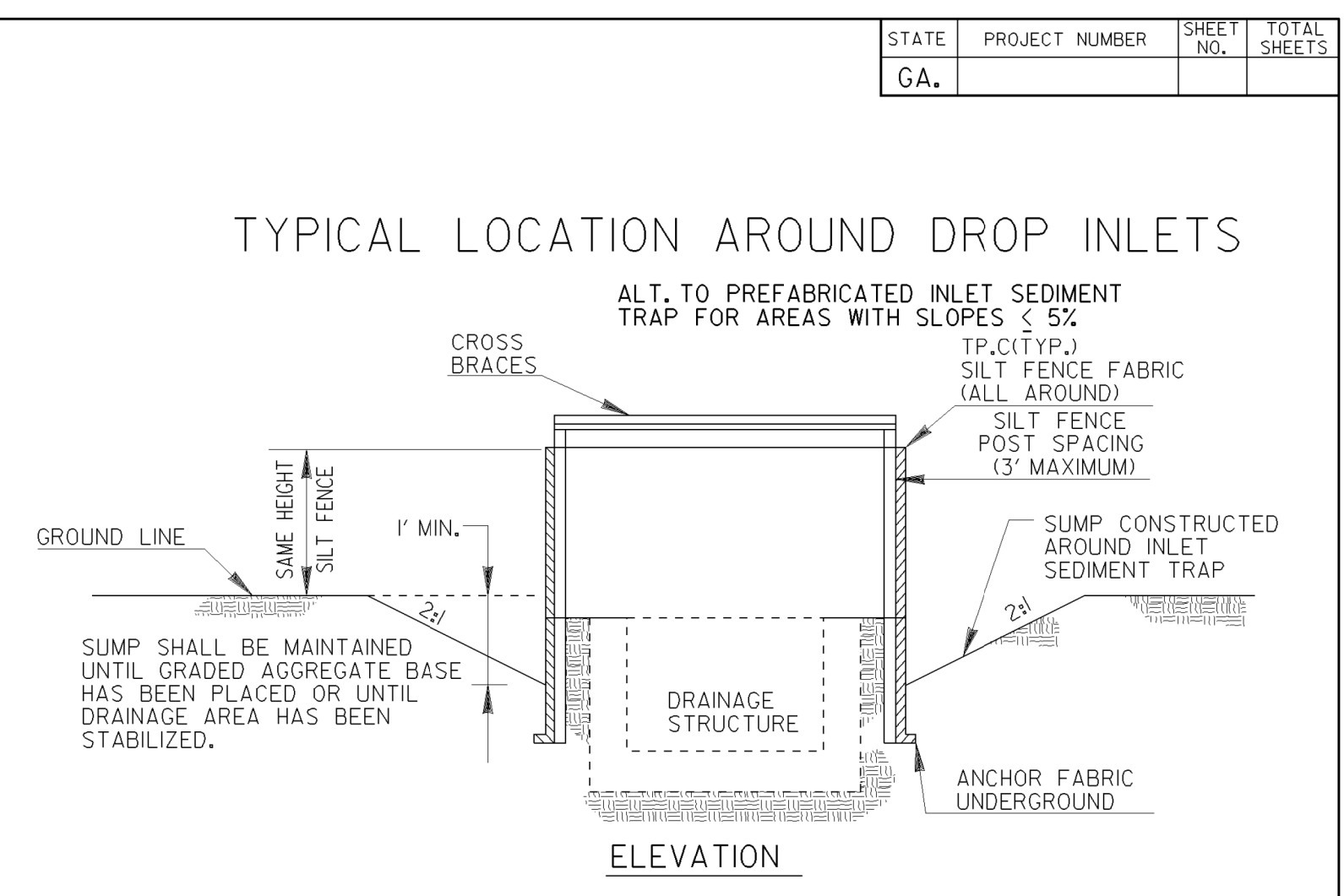


REVISION DATES		EROSION CONTROL CONSTRUCTION DETAILS	
		WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	56-0001	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

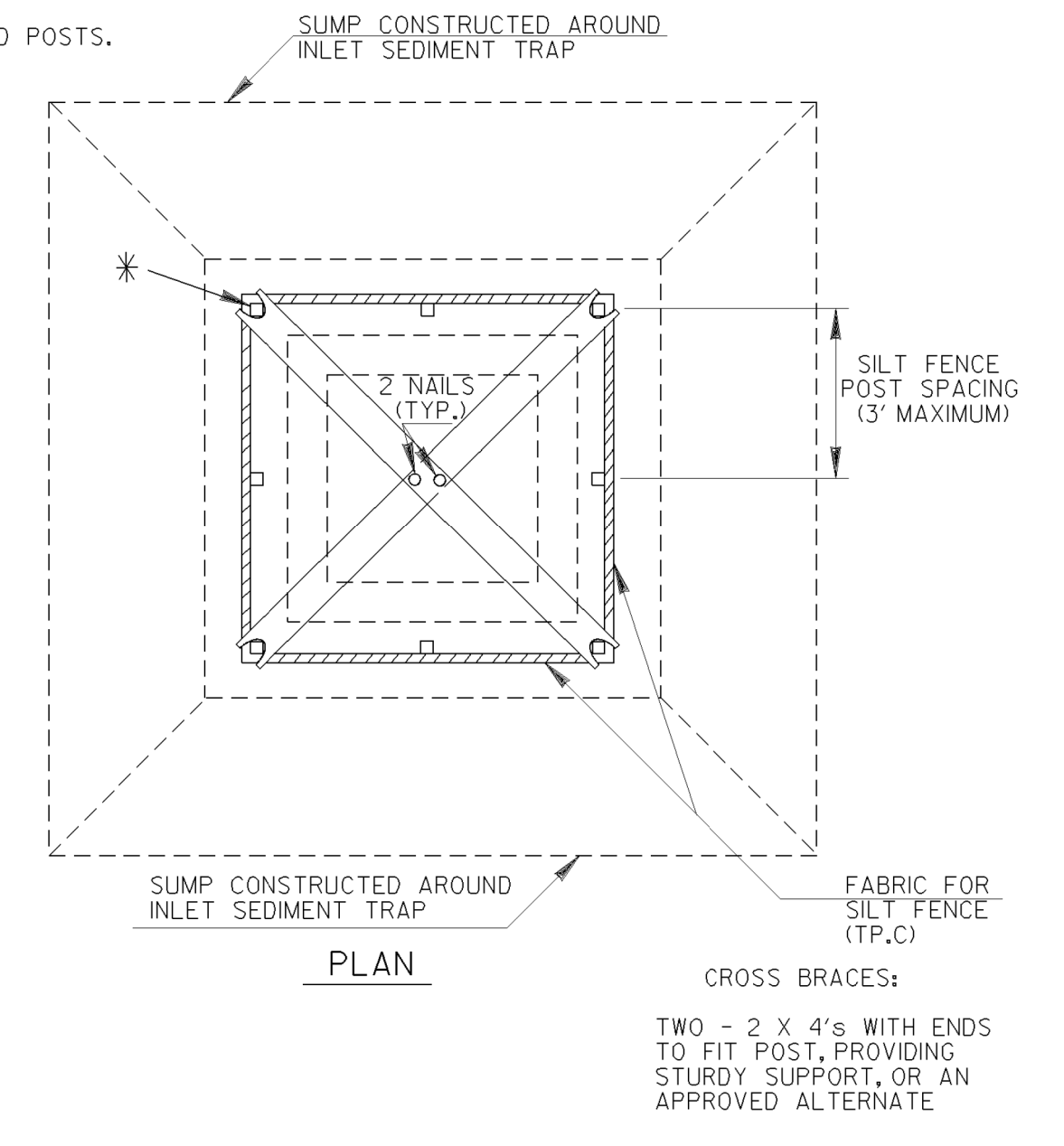


TYPICAL J HOOK SPACING		
SLOPE PERCENT	TYPE OF SILT FENCE	MINIMUM SPACING (FEET)
1% TO 2%	TYPE A	100' ±
2% TO 3%	TYPE A	50' ±
3% TO 4%	TYPE C	50' ±
4% TO 5%	TYPE C	25' ±

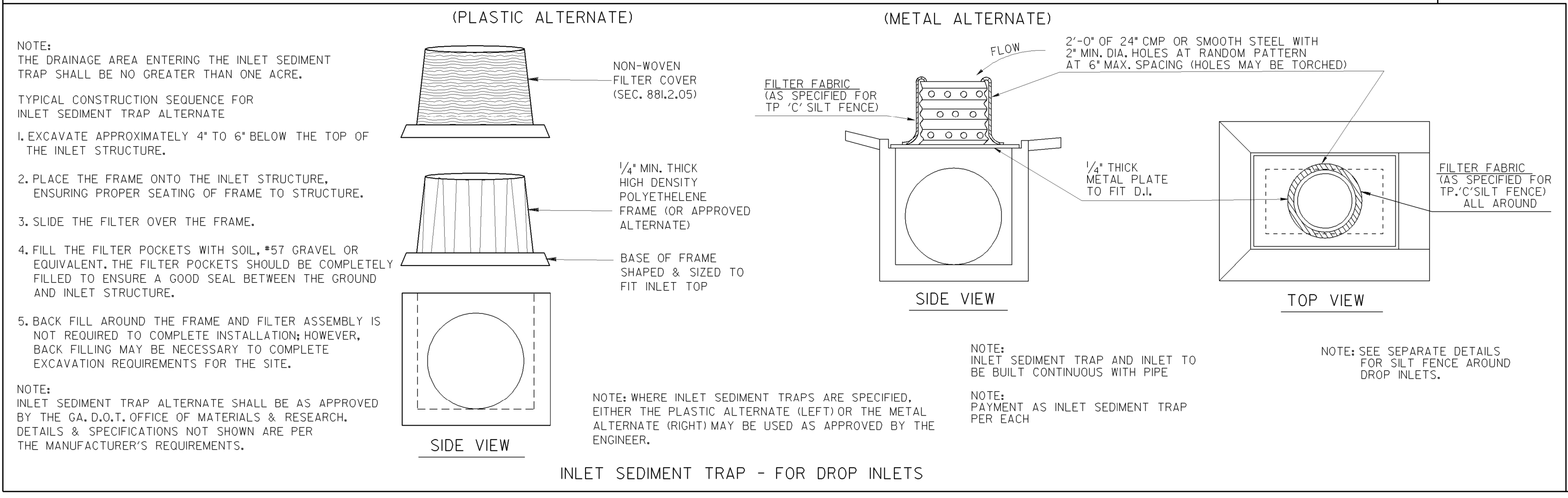
NOTE:  
 1. IF THE GRADE IS BETWEEN 0 TO 1 PERCENT, THE SILT FENCE SHALL BE PLACED ACROSS THE DITCH.  
 2. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS.



\* CROSS BRACING REQUIRED WHEN USING "ALTERNATE" TYPE C PRODUCTS WHICH USE WOOD POSTS.



NOTE:  
 PAYMENT AS INLET SEDIMENT TRAP PER EACH.  
 NOTE:  
 SEE SEPARATE SHEET ENTITLED "TEMPORARY SILT FENCE DETAILS" FOR SILT FENCE ERECTION DETAILS.



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.

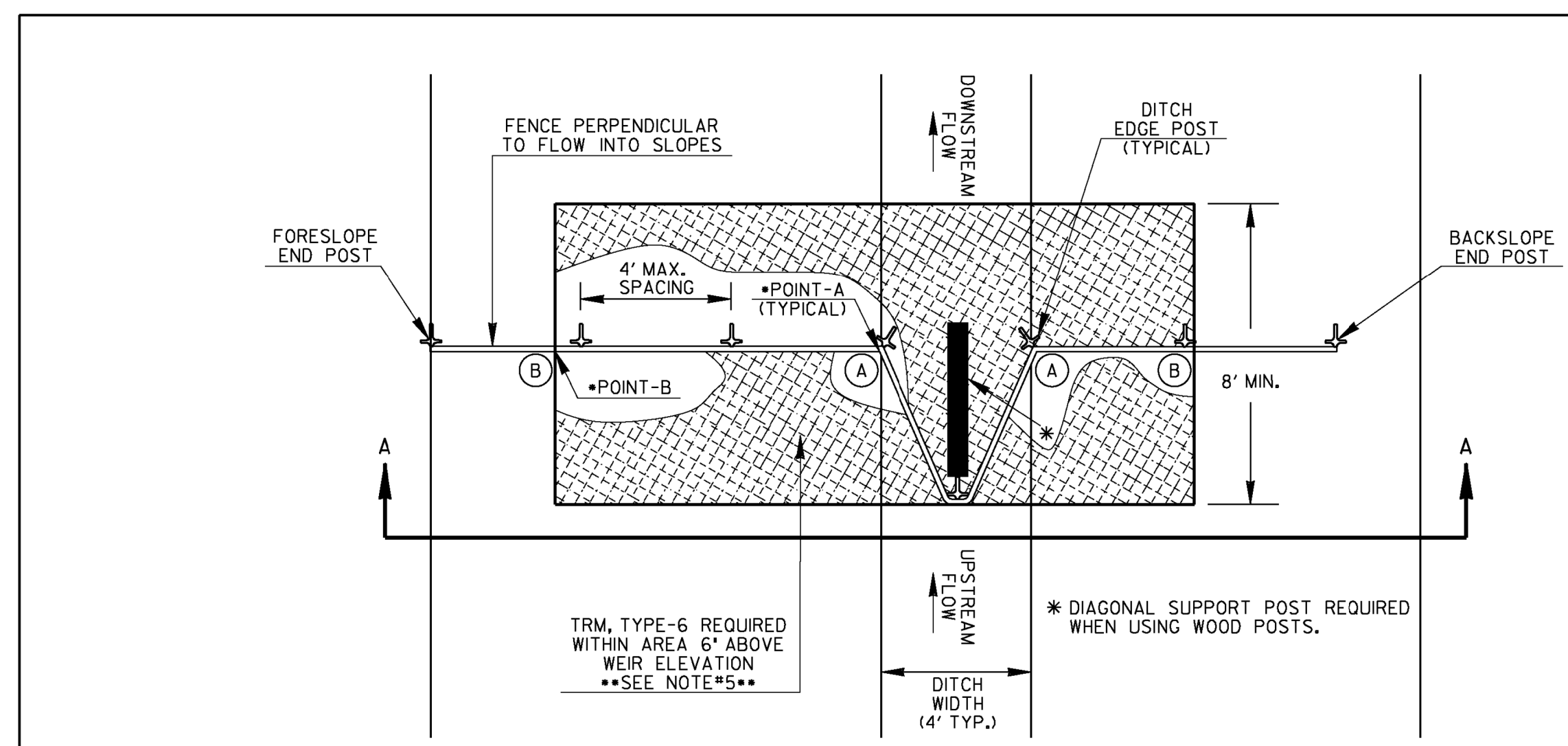
NOTE: WHERE INLET SEDIMENT TRAPS ARE SPECIFIED, EITHER THE PLASTIC ALTERNATE (LEFT) OR THE METAL ALTERNATE (RIGHT) MAY BE USED AS APPROVED BY THE ENGINEER.

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.

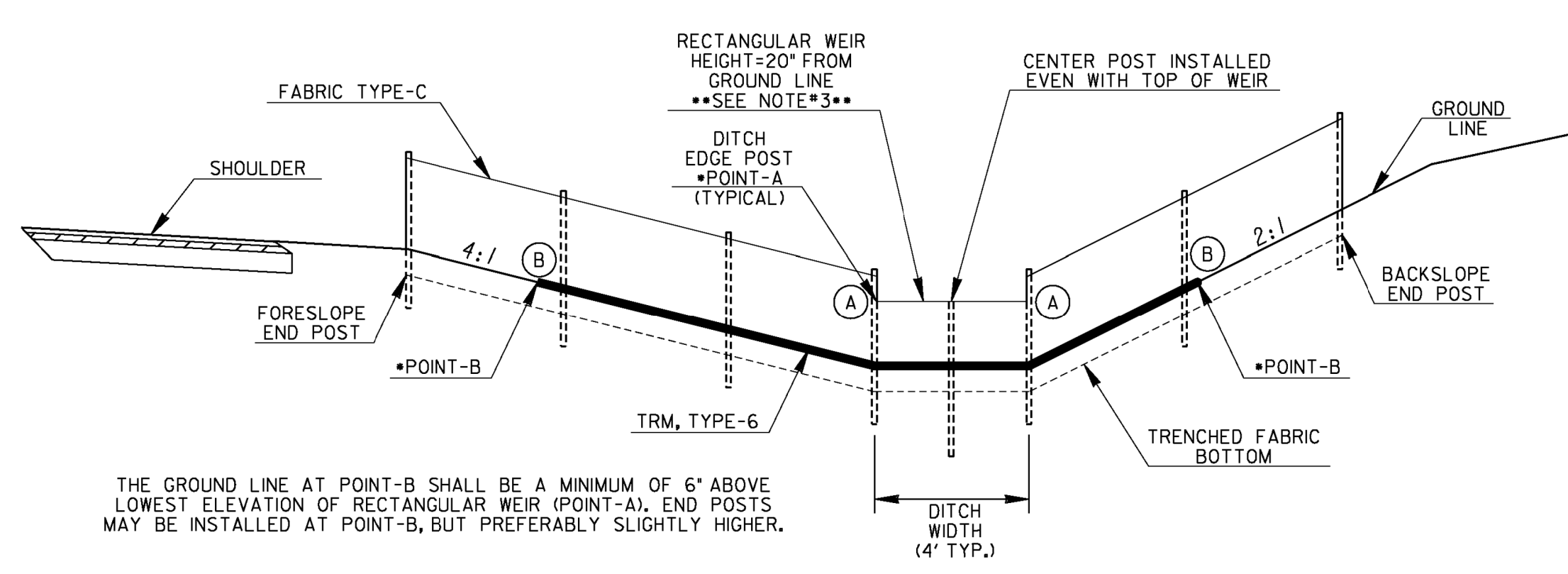
DEPARTMENT OF TRANSPORTATION  
 STATE OF GEORGIA  
 CONSTRUCTION DETAILS  
 TEMPORARY SILT FENCE  
 J-HOOK, INLET SEDIMENT TRAPS  
 NO SCALE JANUARY 2011  
 NUMBER D-24C  
 (SHEET 3 OF 4)

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



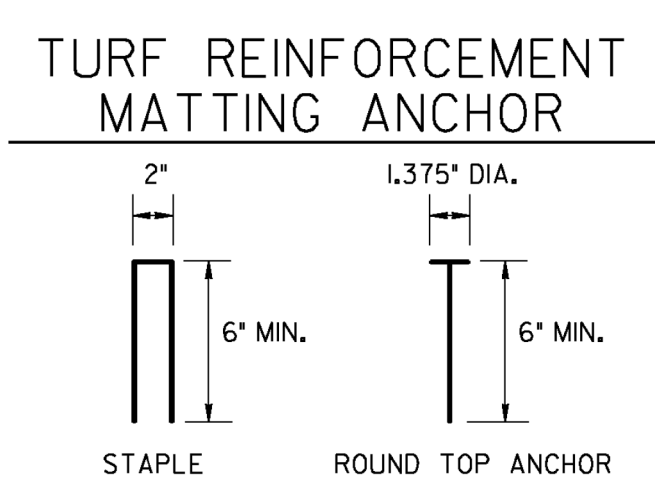
GRADE OF DITCH	MINIMUM SPACING (FEET)
LESS THAN 1%	100' ±
1% TO 3%	75' ±
3% TO 6%	50' ±
6% TO 8%	25' ±

PLAN VIEW

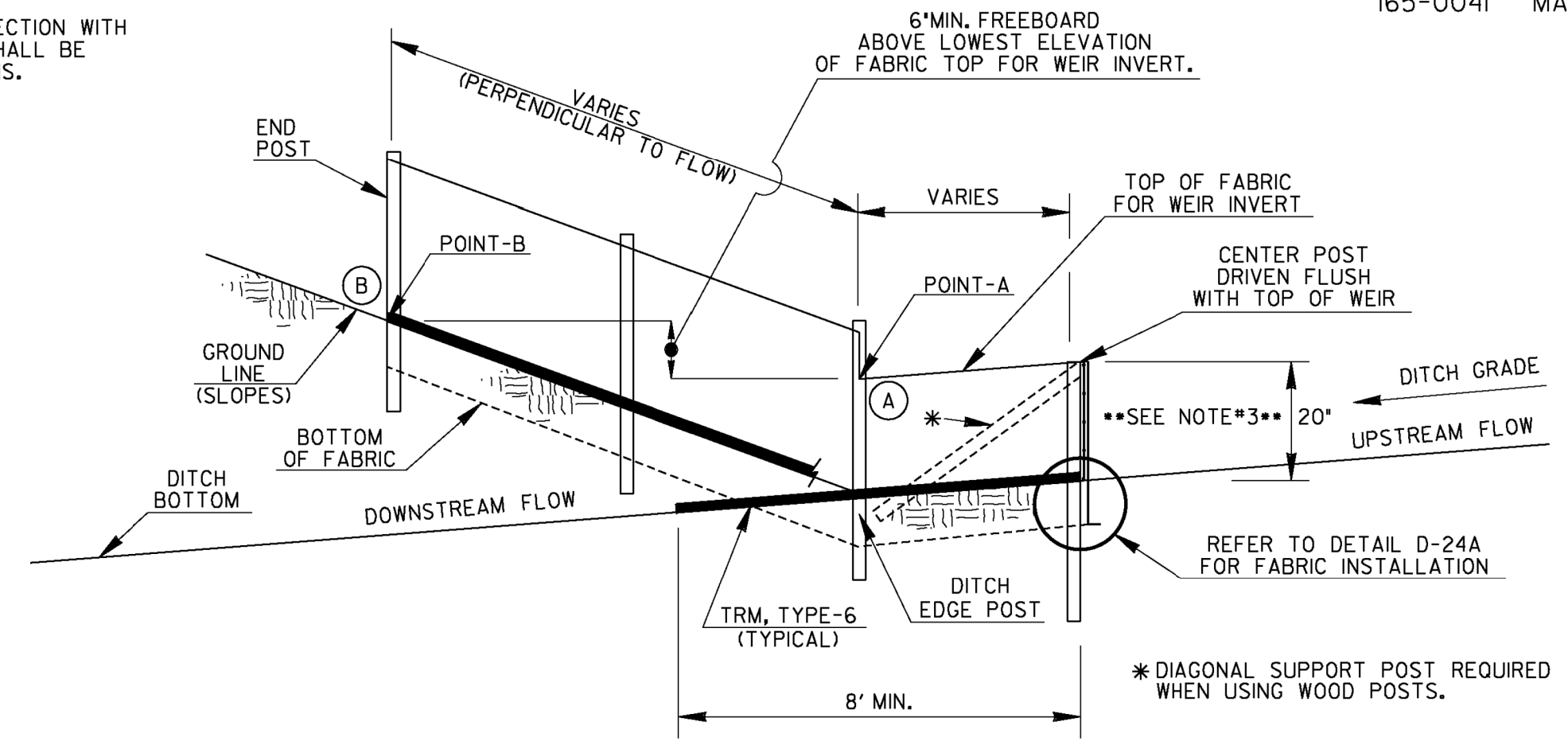


SECTION A-A

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.



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:

- 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.
- FABRIC CHECK DAMS SHALL NOT BE PLACED WITHIN FLOWING STATE WATERS.
- 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.
- THE FOLLOWING STEPS ARE RECOMMENDED FOR PROPER FABRIC CHECK DAM INSTALLATION:
  - 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.
  - CREATE TRENCH 6-IN BELOW DITCH GRADE TO FIT LAYOUT FROM STEP-A WITH MINIMAL SOIL DISTURBANCE.
  - 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.
  - 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.
  - PROPERLY INSTALL TYPE-C SILT FENCE. TRENCH BACKFILL SHALL BE COMPACTED WITH A HAND TAMPER, JUMPING JACK COMPACTOR, OR PLATE COMPACTOR TO PREVENT UNDERMINING.
  - 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.
- 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)

DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
REVISION	CONSTRUCTION DETAILS TEMPORARY SILT FENCE FABRIC CHECK DAM
BY	NO SCALE REV. AND REDRAWN, JULY 2015
	NUMBER D-24D (SHEET 4 OF 4)

REVISION DATES

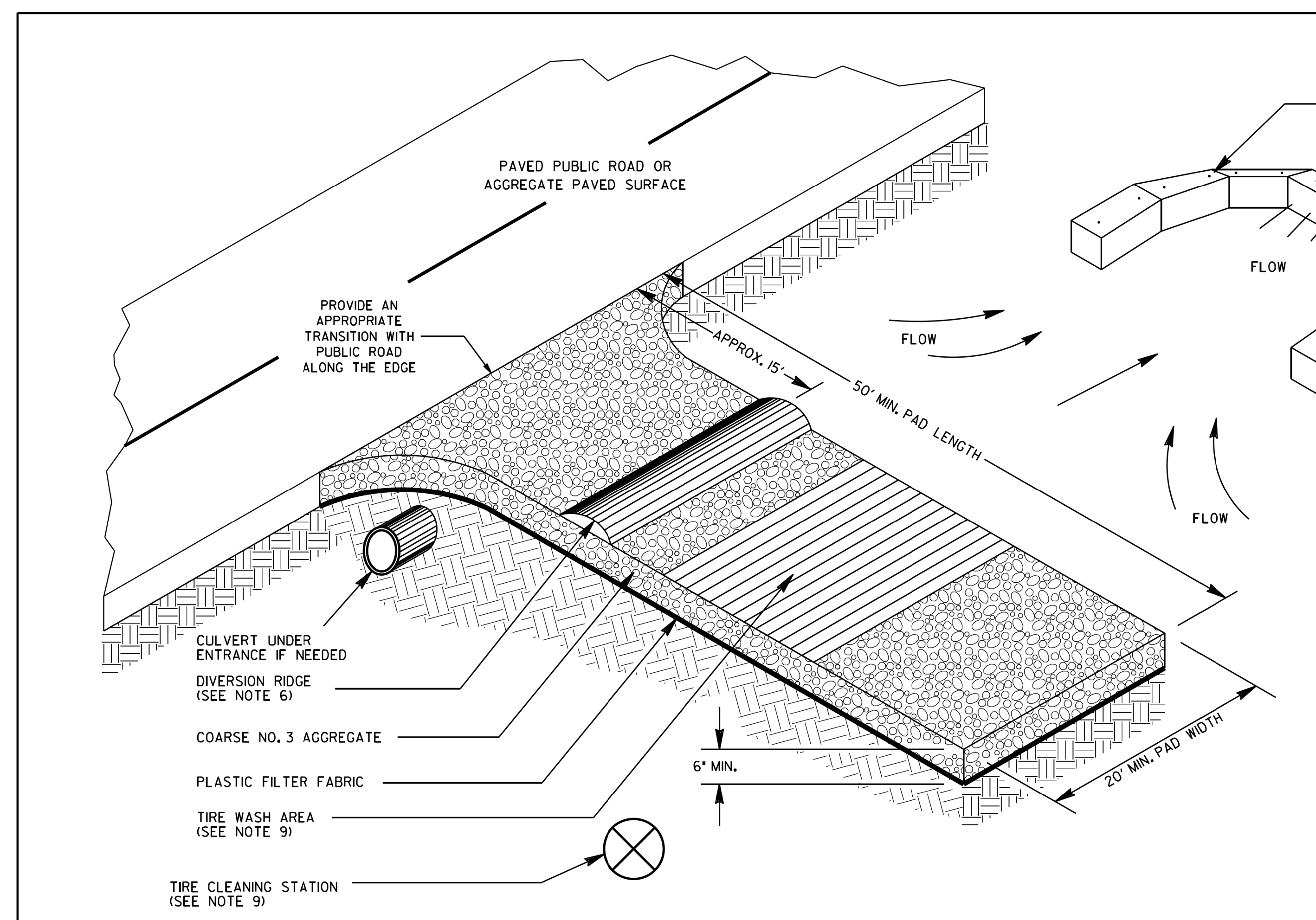

**EROSION CONTROL CONSTRUCTION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	56-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	





STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			



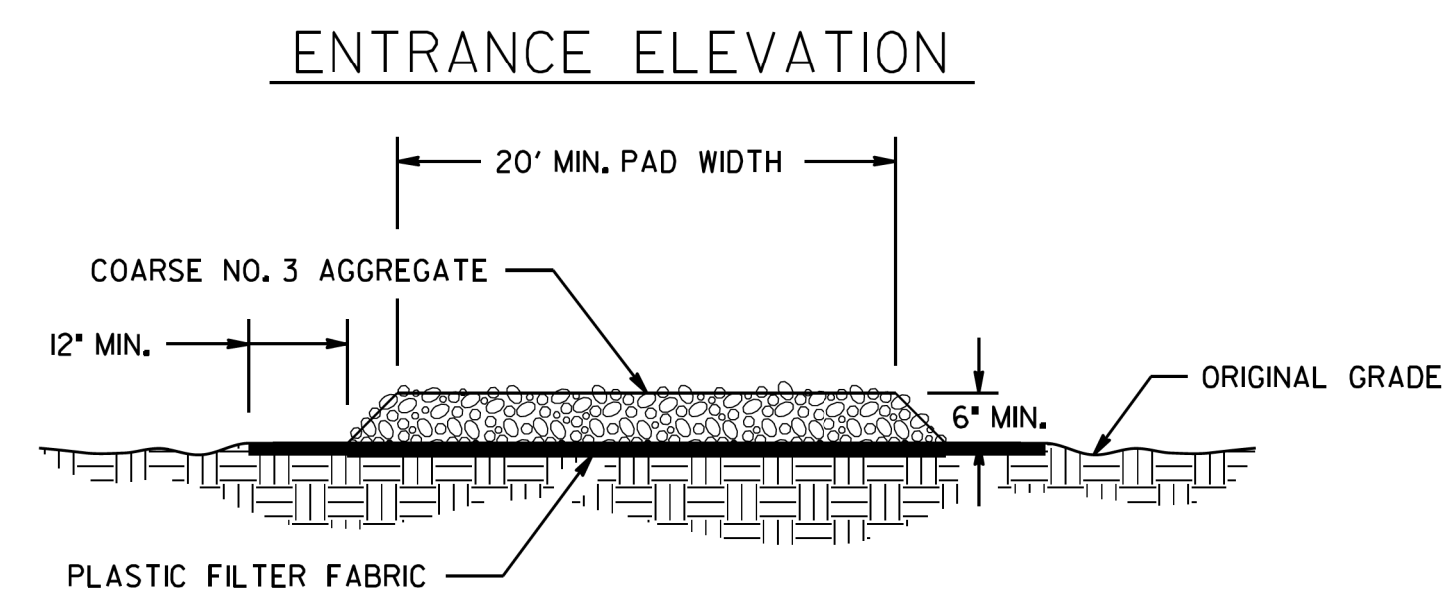
- GENERAL NOTES:**
1. AVOID LOCATING CONSTRUCTION EXITS ON STEEP SLOPES OR AT SHARP CURVES ON PUBLIC ROADS. CONSTRUCTION EXITS ARE NOT REQUIRED FOR DIRT PUBLIC ROADS.
  2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA AND GRADE FOR POSITIVE DRAINAGE.
  3. AGGREGATE SIZE SHALL BE COARSE NO. 3 AGGREGATE WITH 0.0% PASSING THE 1/16 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. TIRE WASH AREA INCLUDES SEDIMENT TRAP OR OTHER ACCEPTABLE SEDIMENT STORAGE DEVICE AND SHALL BE CONSTRUCTED EVEN IF CONSTRUCTION EXIT TIRE CLEANING STATION IS NOT USED.
  9. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE GRAVEL PAD DOES NOT SUFFICIENTLY REMOVE THE MUD PRIOR TO ENTERING PUBLIC ROADS THUS DICTATING ADDITIONAL TIRE CLEANING MEASURES, THE CONTRACTOR SHALL ADD A CONSTRUCTION EXIT TIRE CLEANING STATION TO AN EXISTING CONSTRUCTION EXIT OR WHEN DIRECTED BY THE ENGINEER, THE CONSTRUCTION EXIT TIRE CLEANING STATION INCLUDES: WATER SOURCE, LABOR AND ALL MATERIALS NECESSARY TO PERFORM TASK. THIS WILL BE PAID FOR AS SHOWN IN SECTION 163.
  10. AGGREGATE SHALL BE KEPT LOOSE OR SCARIFIED WHEN AGGREGATE BECOMES CONSOLIDATED.
  11. 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 MAY BE PAID WITH OR WITHOUT THE MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH AREA. 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 SECTION 163 FOR THE CONSTRUCTION AND REMOVAL OF CONSTRUCTION EXITS. SEE SECTION 165 FOR THE MAINTENANCE OF CONSTRUCTION EXITS.

**PAY ITEM:**

163-0301	CONSTRUCT AND REMOVE CONSTRUCTION EXITS	(EA)
165-0101	MAINTENANCE OF CONSTRUCTION EXIT	(EA)
165-0310	MAINTENANCE OF CONSTRUCTION EXIT TIRE WASH AREA	(EA)

**PAY ITEM:** FOR FIELD USE ONLY ACCORDING TO SECTION 163

163-0310	CONSTRUCTION EXIT TIRE CLEANING STATION	(DAY)
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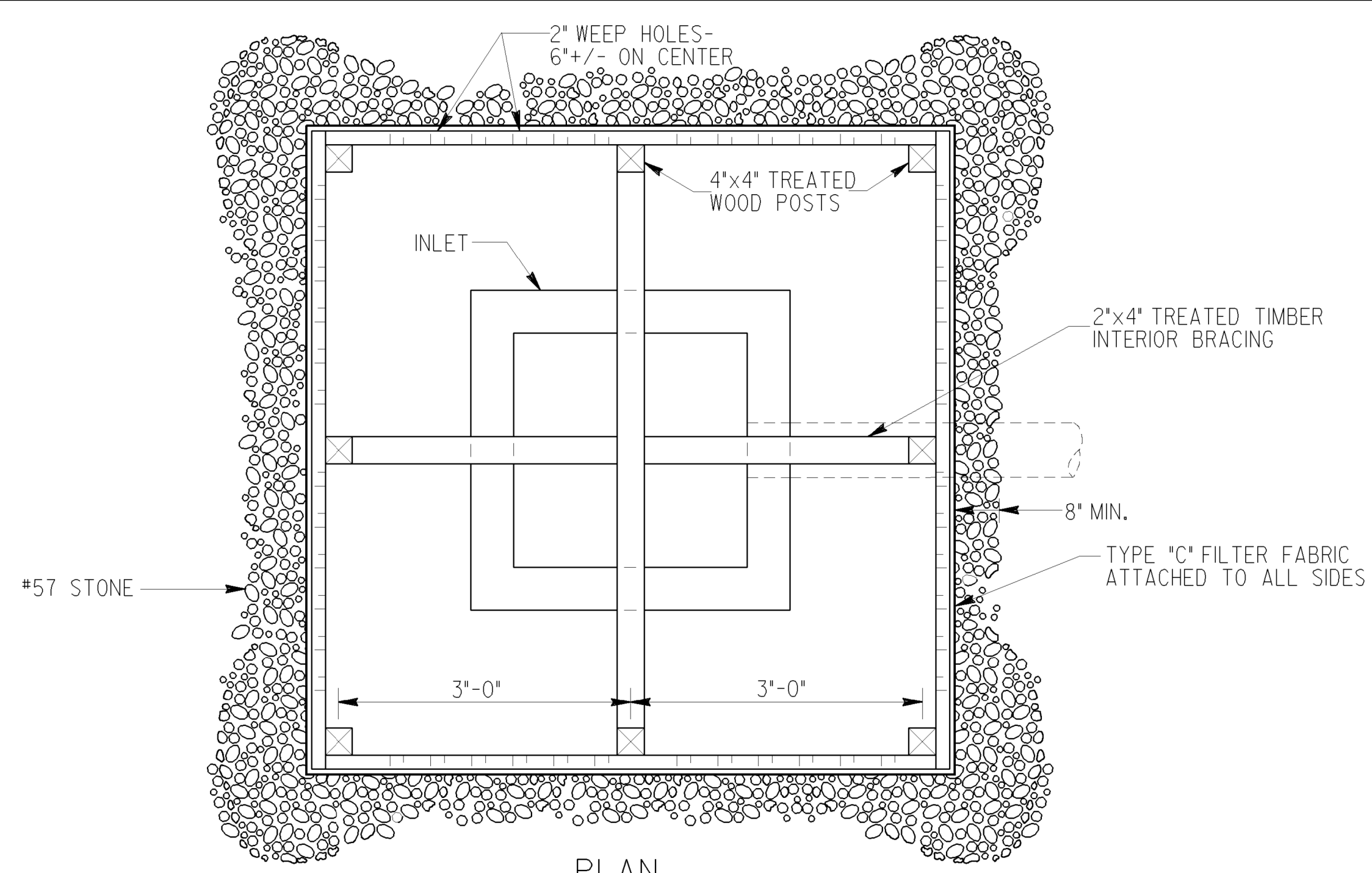
11-04-20	REV GEN NOTES	B-11	04-18-18	04-22-18	01-18-11	DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
	REV PAY ITEM	DESCS/REFS					CONSTRUCTION DETAILS
	REV TIRE WASH & NOTES						CONSTRUCTION EXIT
	REV GSNCC 2016 MANUAL						NO SCALE
	REV CONSTR. EXIT LABELS						FEBRUARY 2001
	BY	DESIGNED	DRAWN	CHECKED			NUMBER D-41



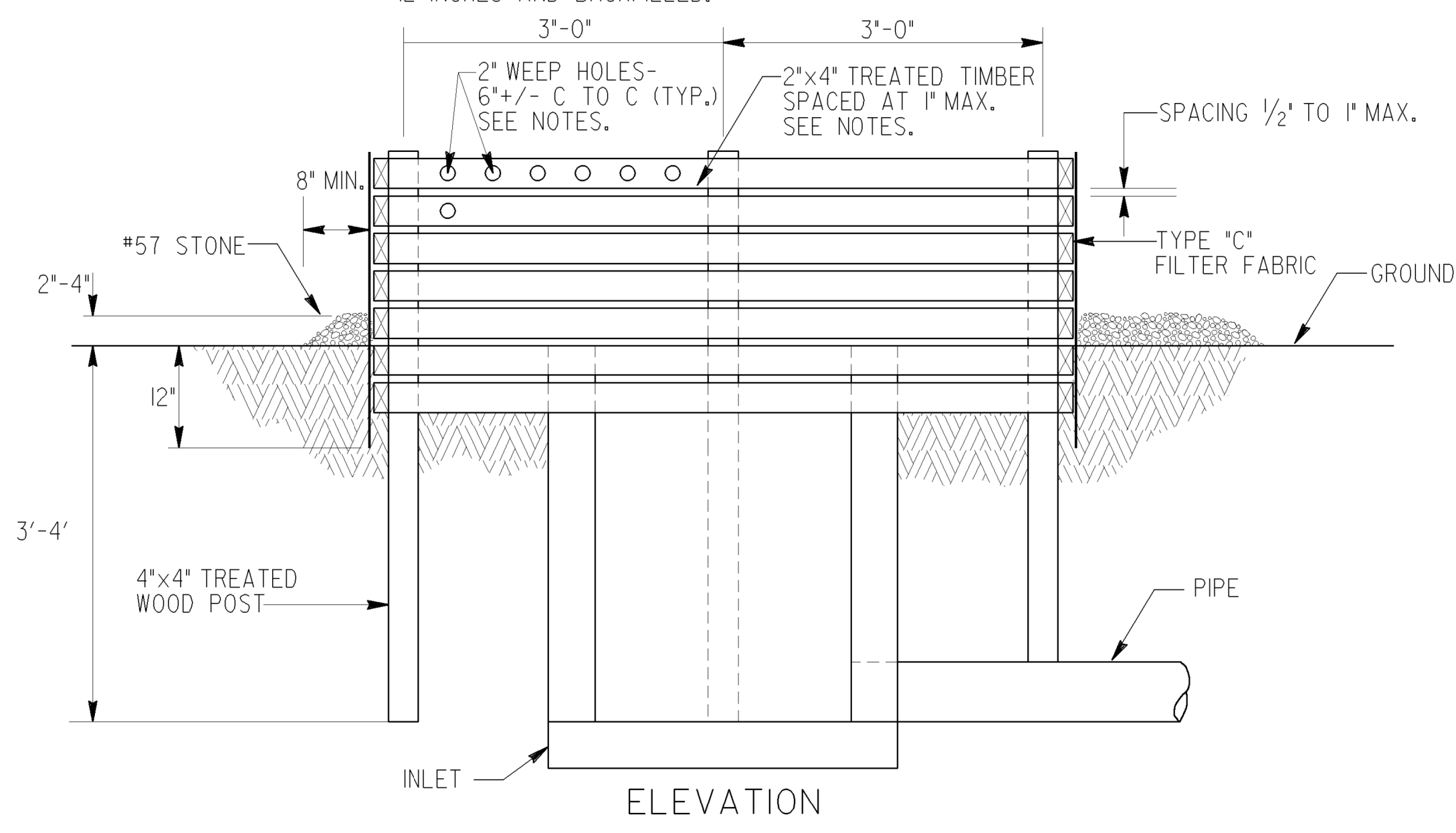
**REVISION DATES**


**EROSION CONTROL CONSTRUCTION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

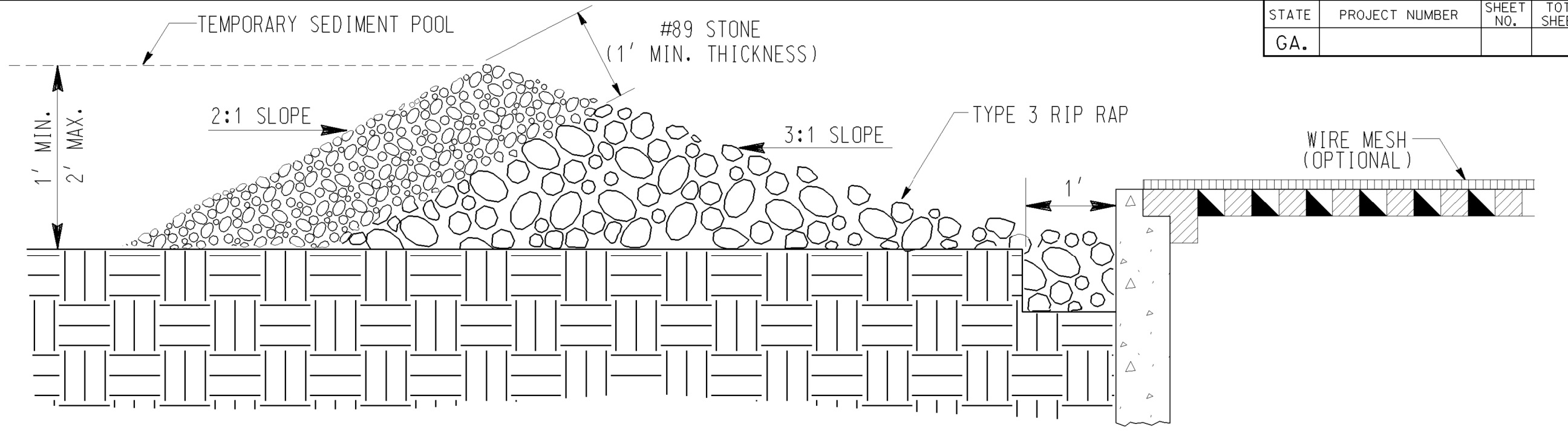
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VERIFIED:	DATE:	



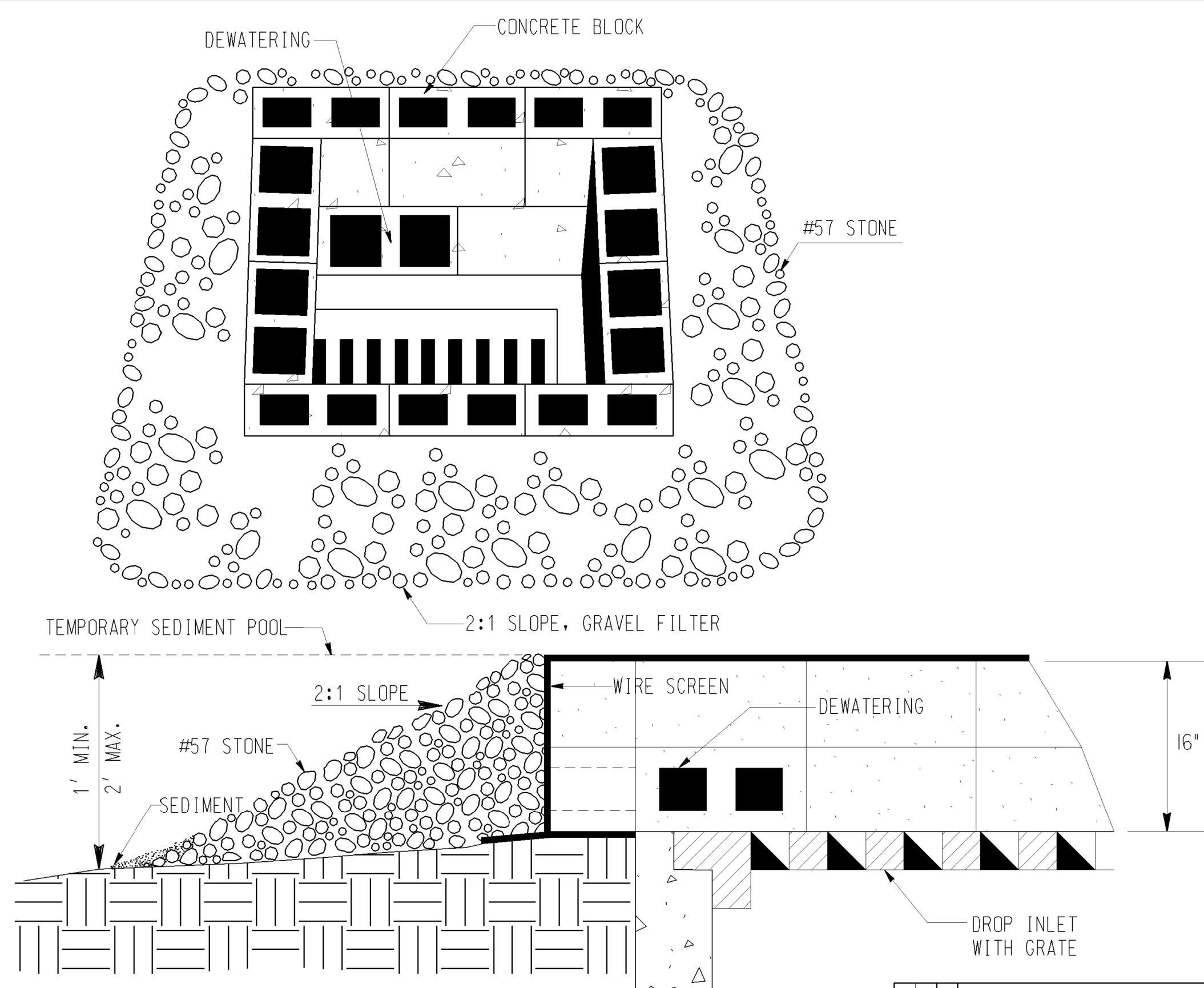
NOTES:  
 BAFFLE BOX SHALL BE CONSTRUCTED OF 2"x4" TREATED TIMBER SPACED A MAXIMUM OF 1' APART OR OF PLYWOOD WITH WEEP HOLES 2" IN DIAMETER PLACED APPROXIMATELY 6" ON CENTER VERTICALLY AND HORIZONTALLY.  
 GRAVEL SHALL BE PLACED OUTSIDE THE BOX, ALL AROUND THE INLET, TO A DEPTH OF 2 TO 4 INCHES. THE ENTIRE BOX SHALL BE WRAPPED IN TYPE "C" FILTER FABRIC THAT SHALL BE ENTRENCHED 12 INCHES AND BACKFILLED.



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

5/7/2008 2:51:42 PM V:\0007-0501\080101\02\Fig1.TIF... 20TP007\_56.dgn

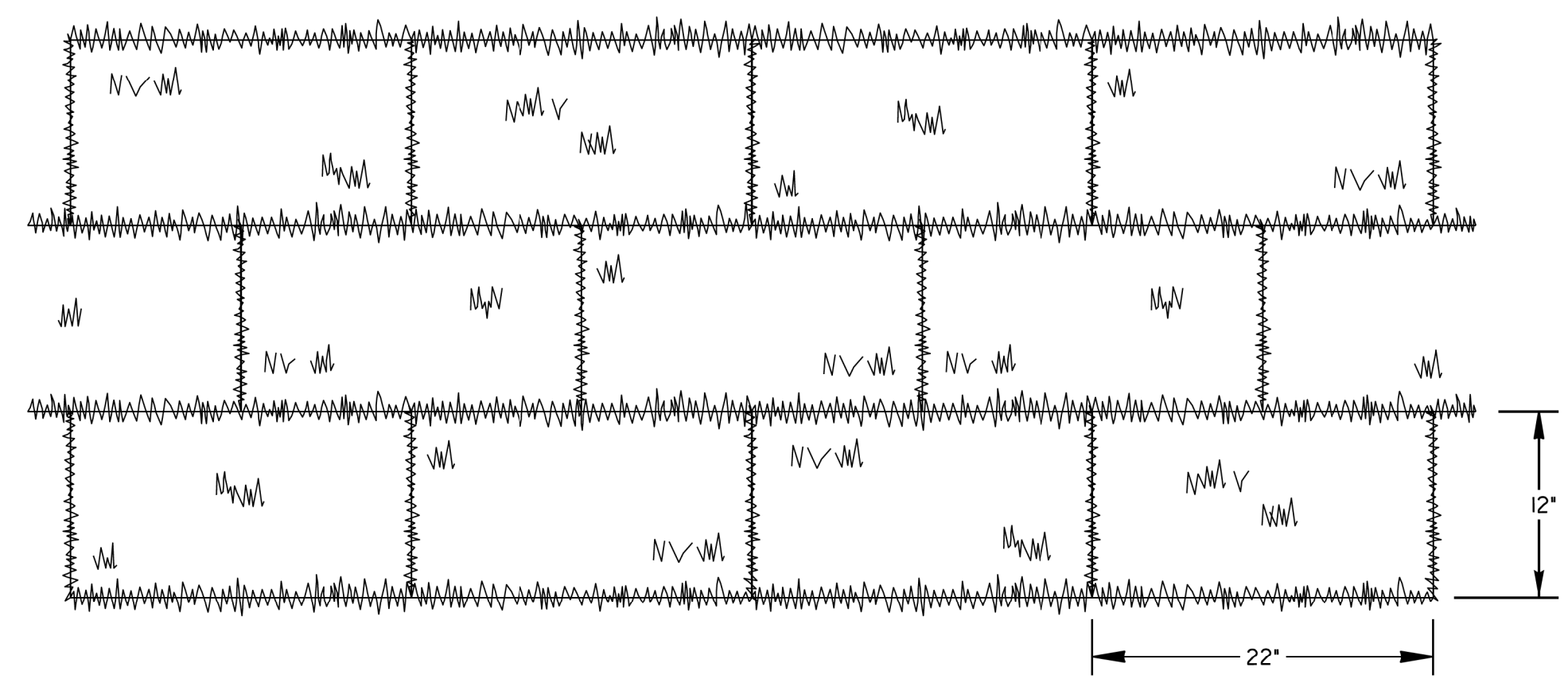


REVISION	DATE

<b>EROSION CONTROL CONSTRUCTION DETAILS</b>			
WRIGHTSBORO RD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH RD TO HIGHLAND AVENUE			
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	BACKCHECKED:	DATE:
CORRECTED:	DATE:	CORRECTED:	DATE:
VERIFIED:	DATE:	VERIFIED:	DATE:
DRAWING No.			56-0005

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

**SOD LAYOUT**

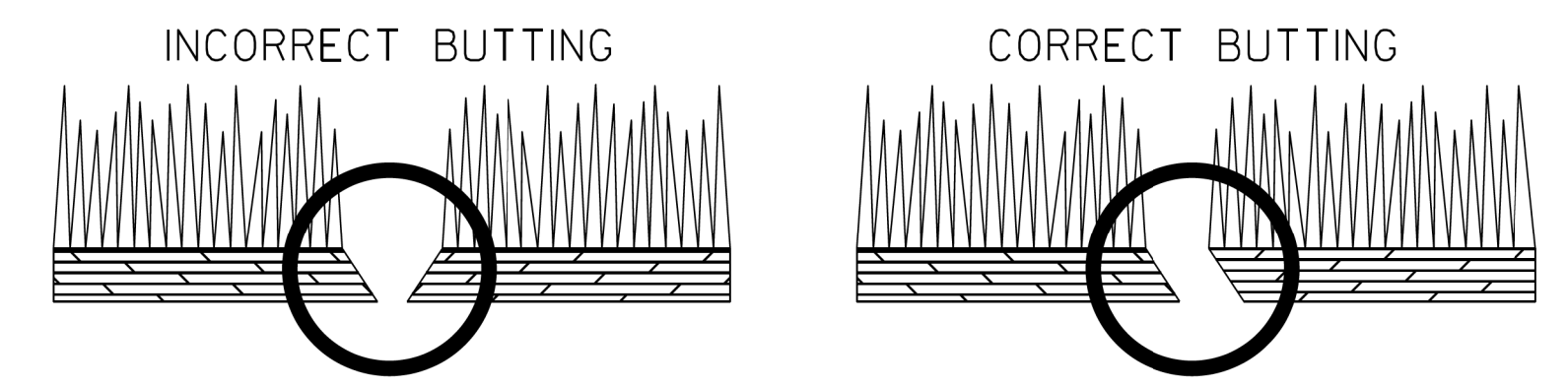


NOTE: SOD MAY BE EITHER 12" WIDE BY 22" LONG BLOCKS OR 21" WIDE BY 52" LONG ROLLS.

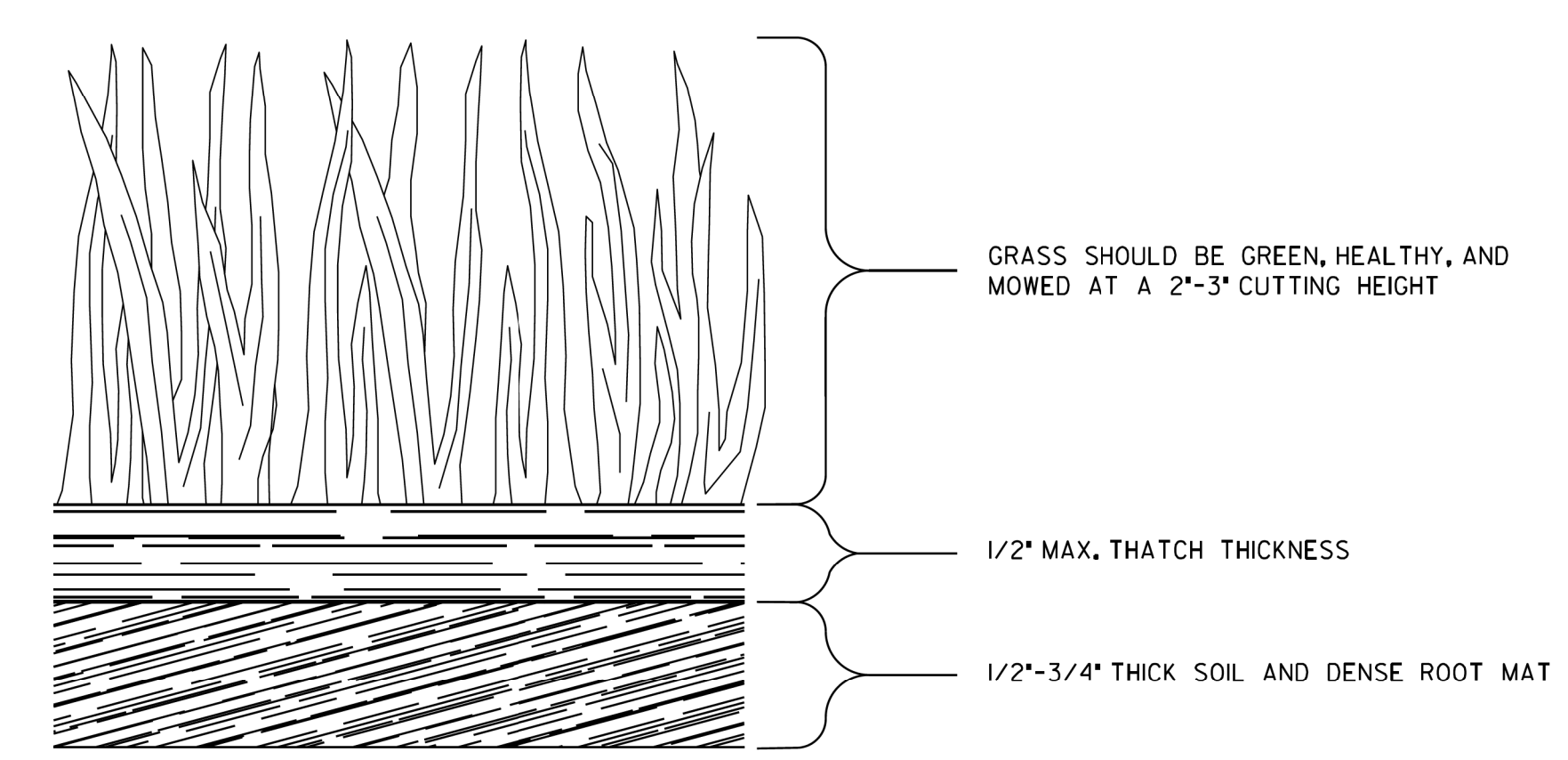
**GENERAL NOTES:**

- SOD SHALL MEET SECTIONS 700 AND 890 OF THE STANDARD SPECIFICATIONS AND SUPPLEMENTS THERETO. SOD SHALL BE CUT INTO 12"Wx22"L BLOCKS OR 21"Wx52"L ROLLS.
- 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.
- PLACE THE LONG SIDE OF SOD PERPENDICULAR TO DRAINAGE FLOW IF INSTALLED IN DITCHES.
- 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.
- ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL.
- WATER THE SOD IMMEDIATELY AFTER INSTALLATION AND WATER TO A DEPTH OF 4" AS NEEDED.
- MOW ESTABLISHED SOD TO A HEIGHT NOT LESS THAN 2"-3" AS NECESSARY.

**ABUTTING SOD**



**SOD APPEARANCE**



PAY ITEM:  
700-9300 SOD (SY)

DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		CONSTRUCTION DETAILS SOD INSTALLATION	
NO SCALE		4-22-2016	
BY	DESIGNED	FILE	NUMBER
	DRAWN		D-54
	TRACED		
	CHECKED		

**REVISION DATES**

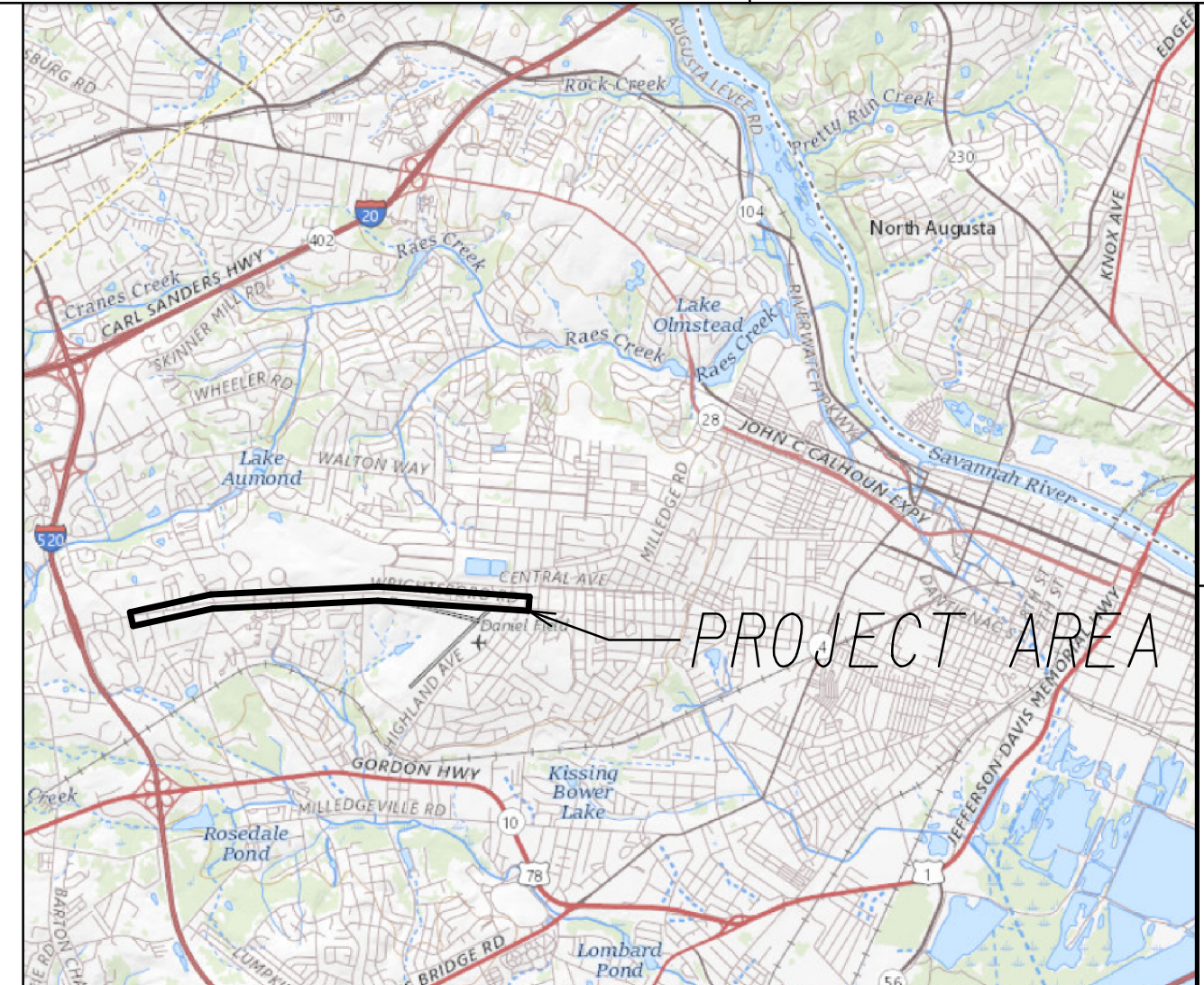
NO.	DATE	DESCRIPTION

**EROSION CONTROL CONSTRUCTION DETAILS**  
 WRIGHTSBORO RD RECONSTRUCTION  
 AND PEDESTRIAN IMPROVEMENTS  
 FROM MARKS CHURCH RD TO HIGHLAND AVENUE

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	56-0006
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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 Duluth, GA 30097  
 770.447.8999 - www.chacompanies.com

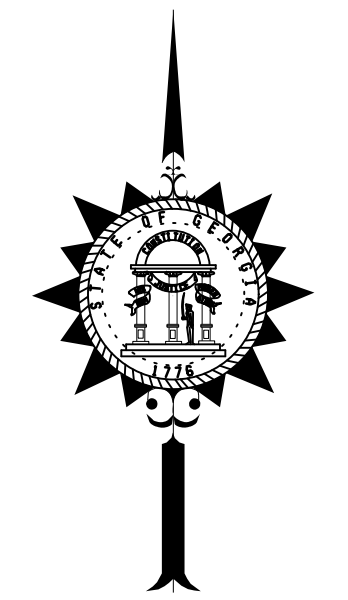


LOCATION SKETCH  
N.T.S.

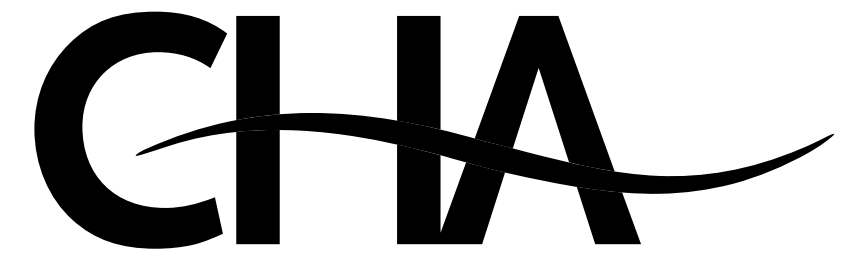
# CITY OF AUGUSTA ENGINEERING DEPARTMENT STATE OF GEORGIA

## PLAN AND PROFILE OF PROPOSED WRIGHTSBORO ROAD RECONSTRUCTION AND PEDESTRIAN IMPROVEMENTS FROM MARKS CHURCH ROAD TO HIGHLAND AVENUE RICHMOND COUNTY (245)

LAND LOT LINE	---
PROPERTY LINE	---
EXISTING RIGHT OF WAY LINE	---
REQUIRED RIGHT OF WAY LINE	---
EXISTING LIMIT OF ACCESS	---
REQD LIMIT OF ACCESS	---
EXISTING LIMIT OF ACCESS & R/W	---
REQD LIMIT OF ACCESS & R/W	---
R/W MARKERS	---
FENCE	---



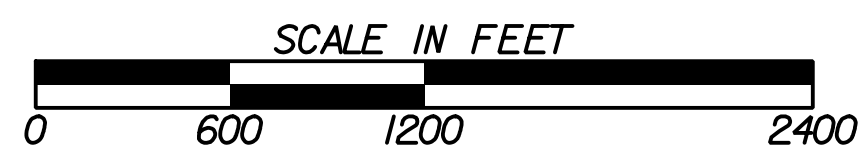
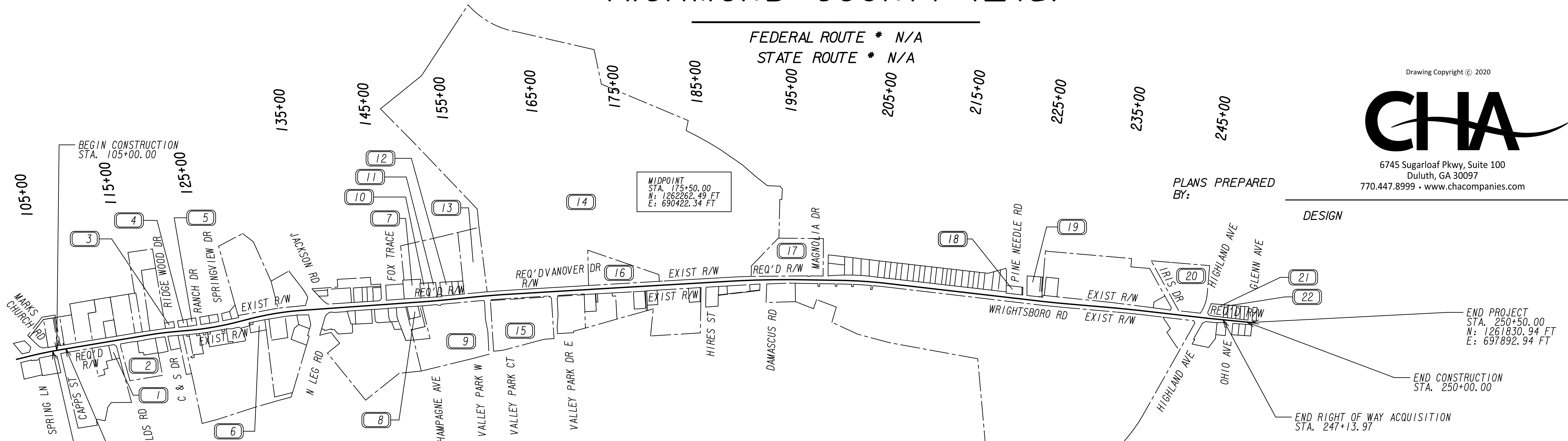
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PLANS PREPARED BY:

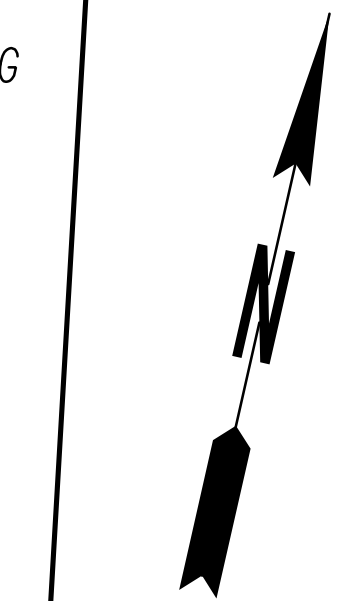
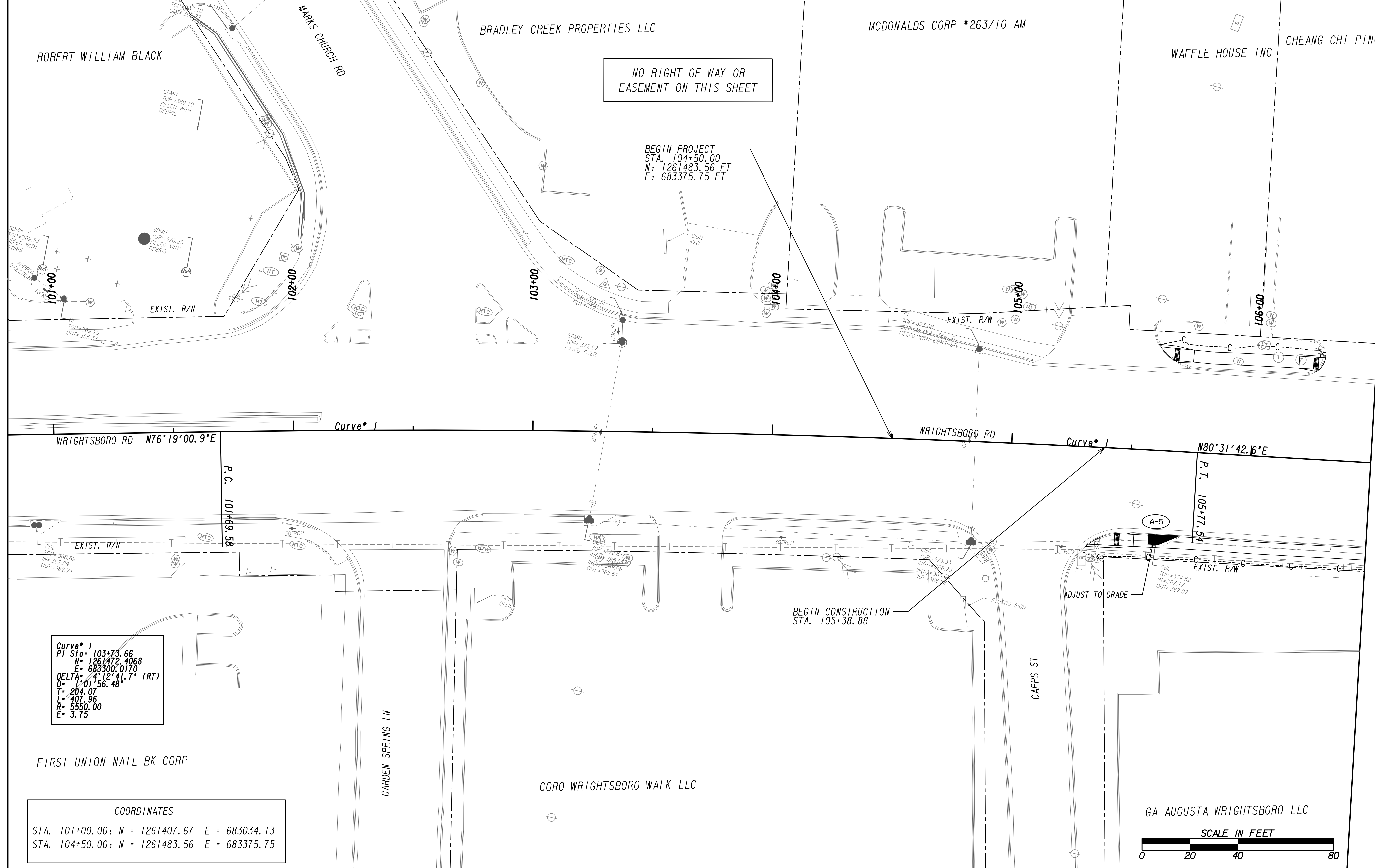
DESIGN



PROJECT NUMBER: 20-TP-007  
COUNTY: RICHMOND

DATE	AUGUSTA DIRECTOR OF ENGINEERING
PLANS COMPLETED	1-21-2022
REVISIONS	
	3/8/22- 60-0007,60-0014 60-0015,60-0033,
	60-0034
	8/4/22- 60-0005,60-0033

DRAWING No.  
60-0001



MATCH LINE STA. 106+50 SEE DRAWING No. 60-0003

**Curve 1**  
 PI Sta = 103+73.66  
 N = 1261472.4068  
 E = 683300.0170  
 DELTA = 41°12'41.7" (RT)  
 D = 1°01'56.48"  
 L = 407.96  
 R = 5550.00  
 E = 3.75

**COORDINATES**  
 STA. 101+00.00: N = 1261407.67 E = 683034.13  
 STA. 104+50.00: N = 1261483.56 E = 683375.75

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

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

DATE	REVISIONS	DATE	REVISIONS

DATE	REVISIONS

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
 PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 02 OF 35

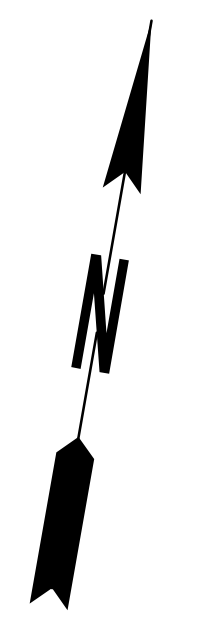
DRAWING No.  
**60-0002**

CHEANG CHI PING

HAVERTY FURNITURE COMPANIES INC

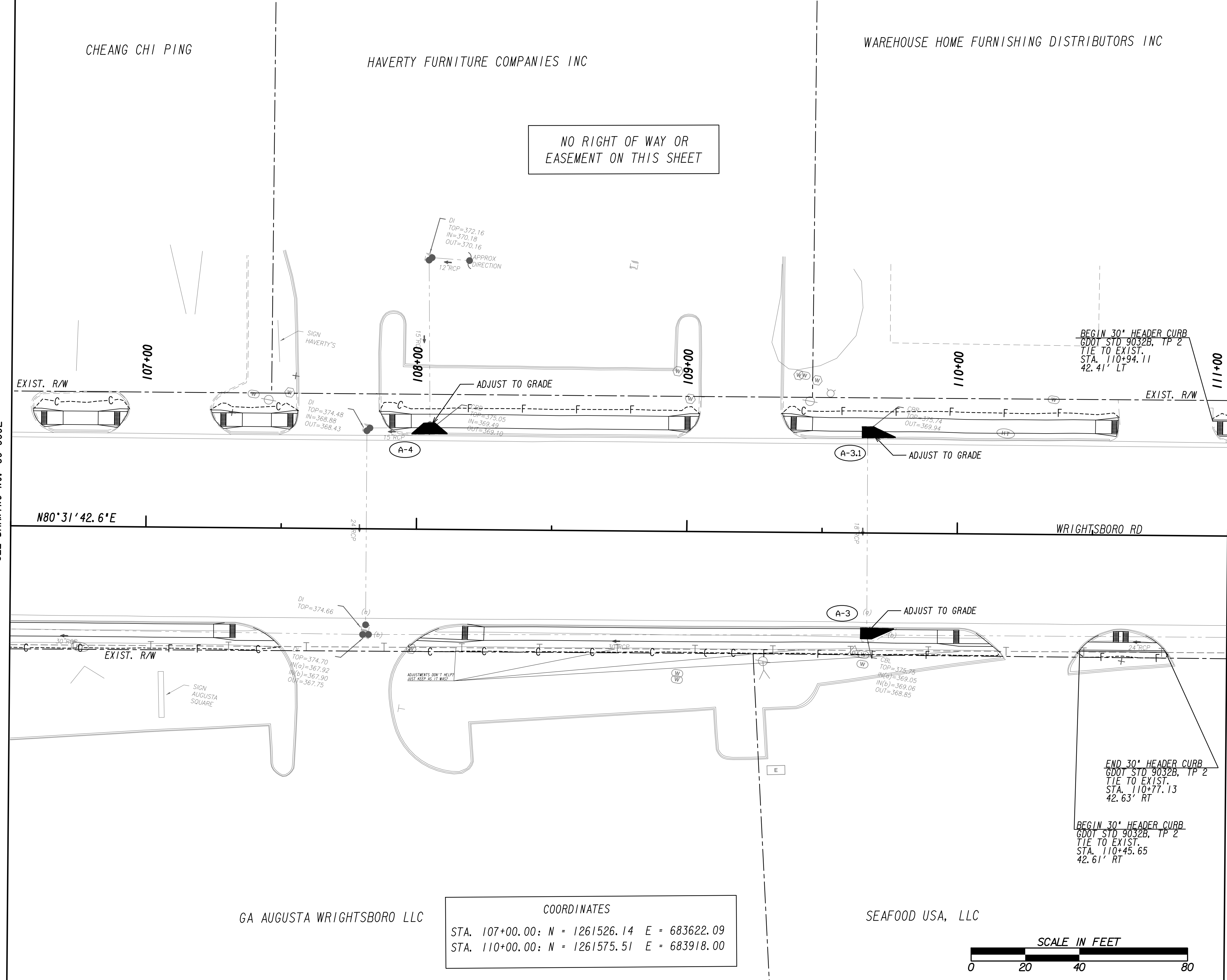
WAREHOUSE HOME FURNISHING DISTRIBUTORS INC

NO RIGHT OF WAY OR EASEMENT ON THIS SHEET



MATCH LINE STA. 106+50  
SEE DRAWING No. 60-0002

MATCH LINE STA. 111+00  
SEE DRAWING No. 60-0004

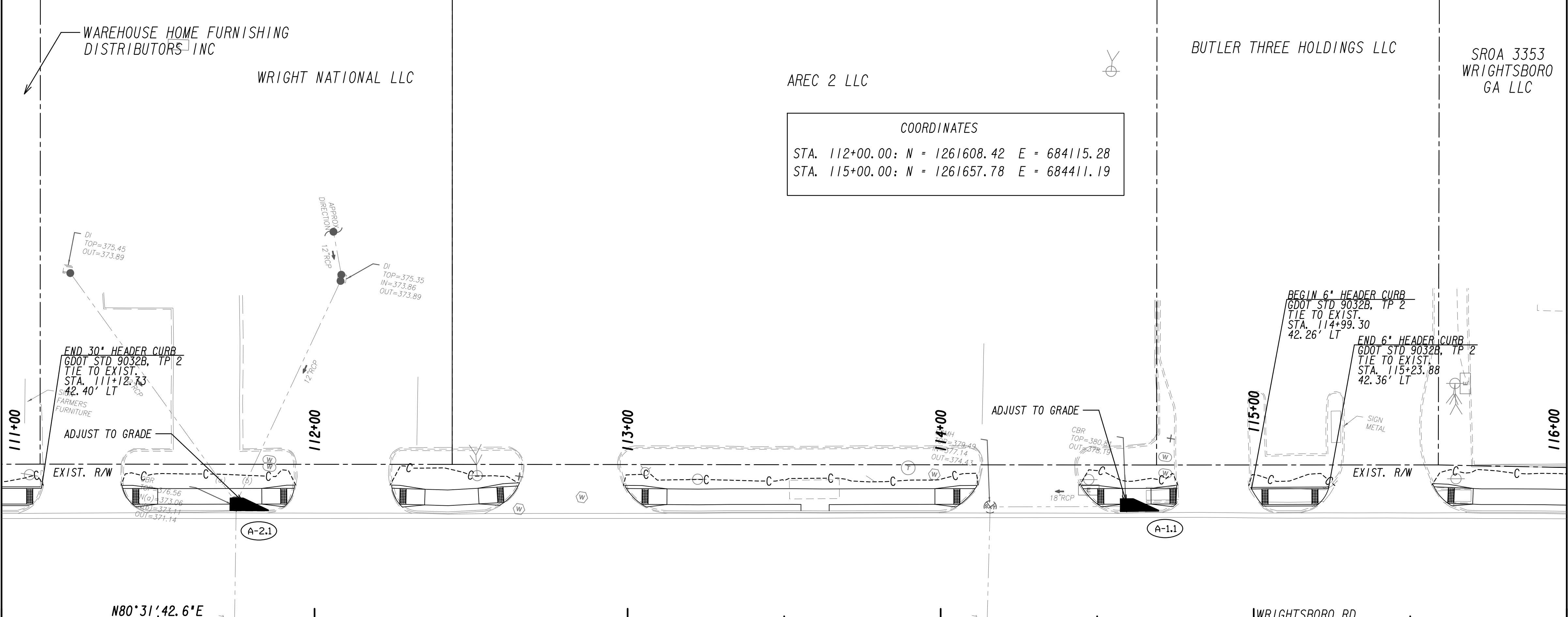


--- P ---	BEGIN LIMIT OF ACCESS.....BLA	--- ooo ---	ORANGE BARRIER FENCE
---	END LIMIT OF ACCESS.....ELA	--- III ---	ESA - ENV. SENSITIVE AREA
--- G --- F ---	EXISTING LIMIT OF ACCESS	---	
--- C --- F ---	REQ'D LIMIT OF ACCESS	---	
--- H ---	EXISTING LIMIT OF ACCESS & R/W	---	
--- X ---	REQ'D LIMIT OF ACCESS & R/W	---	

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
PROJECT NO: 20-TP-007  
COUNTY: RICHMOND  
LAND LOT NO:  
LAND DISTRICT:  
GMD: 600  
DATE 1/21/2022 SH 03 OF 35

DRAWING No.  
**60-0003**

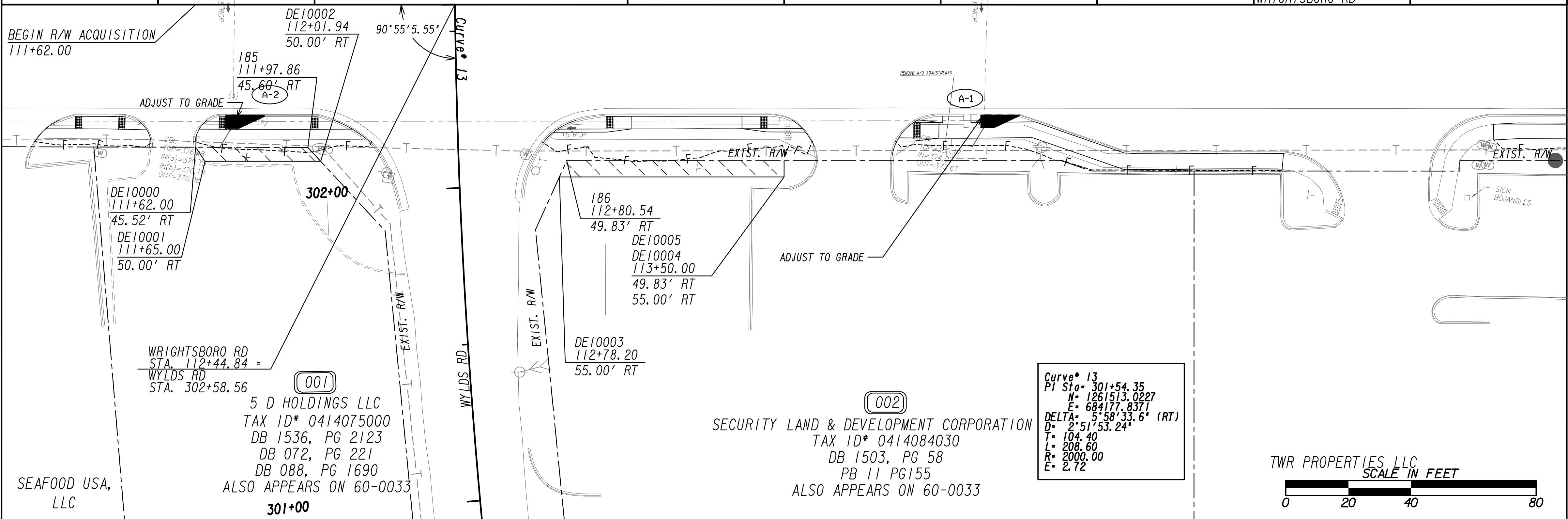


**COORDINATES**  
 STA. 112+00.00: N = 1261608.42 E = 684115.28  
 STA. 115+00.00: N = 1261657.78 E = 684411.19



MATCH LINE STA. 111+00 SEE DRAWING NO. 60-0003

MATCH LINE STA. 116+00 SEE DRAWING NO. 60-0005



**Curve 13**  
 PI Sta = 301+54.35  
 H = 1261513.0227  
 E = 684177.8371  
 DELTA = 5°58'33.6" (RT)  
 D = 2°51'53.24"  
 T = 104.40  
 L = 208.60  
 R = 2000.00  
 E = 2.72

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

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
EXISTING LIMIT OF ACCESS	---ooo---
REQ'D LIMIT OF ACCESS	---ooo---
EXISTING LIMIT OF ACCESS & R/W	---   ---
REQ'D LIMIT OF ACCESS & R/W	---   ---
ORANGE BARRIER FENCE	---●●●---
ESA - ENV. SENSITIVE AREA	---▲▲▲---

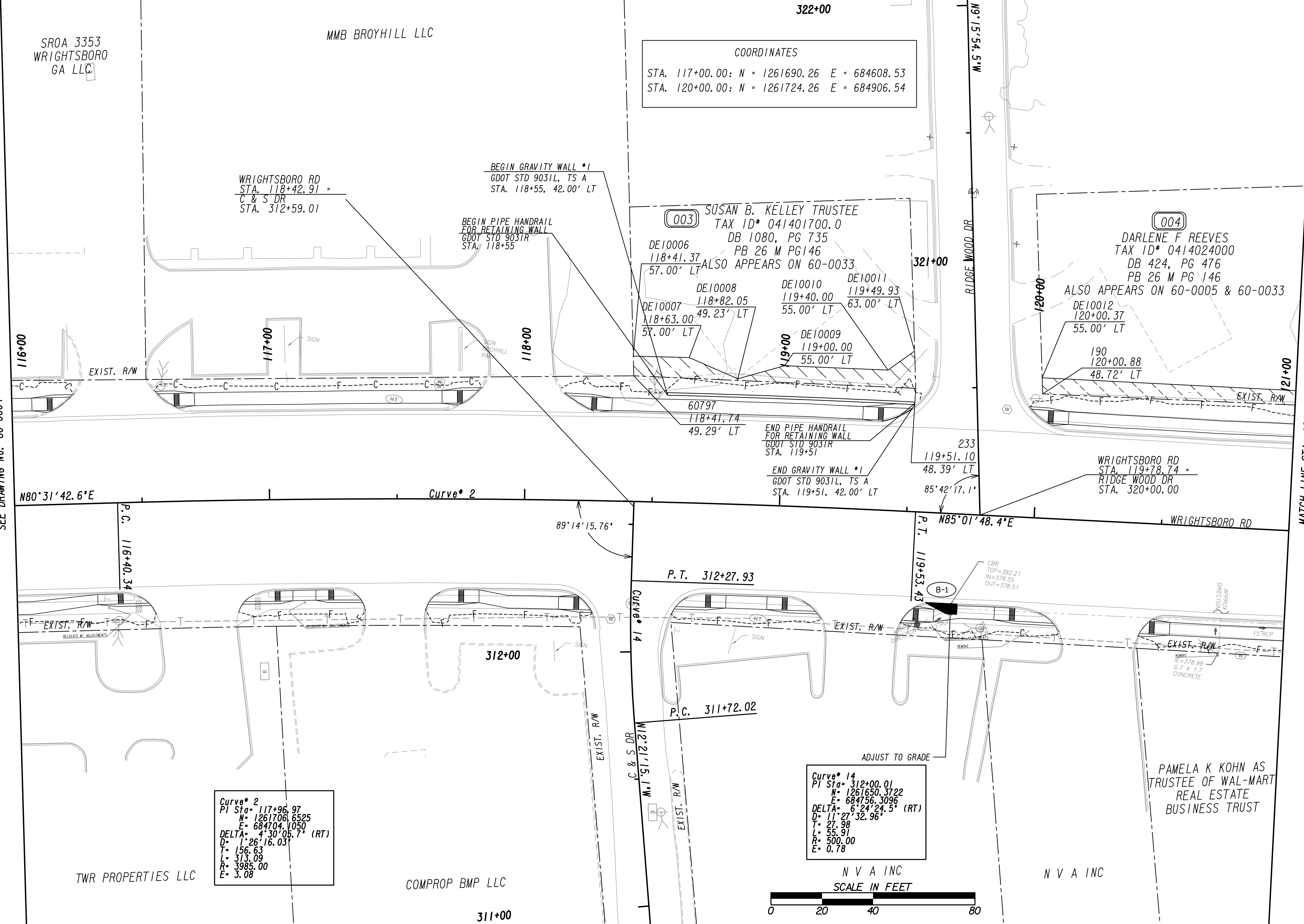
DATE	REVISIONS	DATE	REVISIONS

DATE	REVISIONS	DATE	REVISIONS

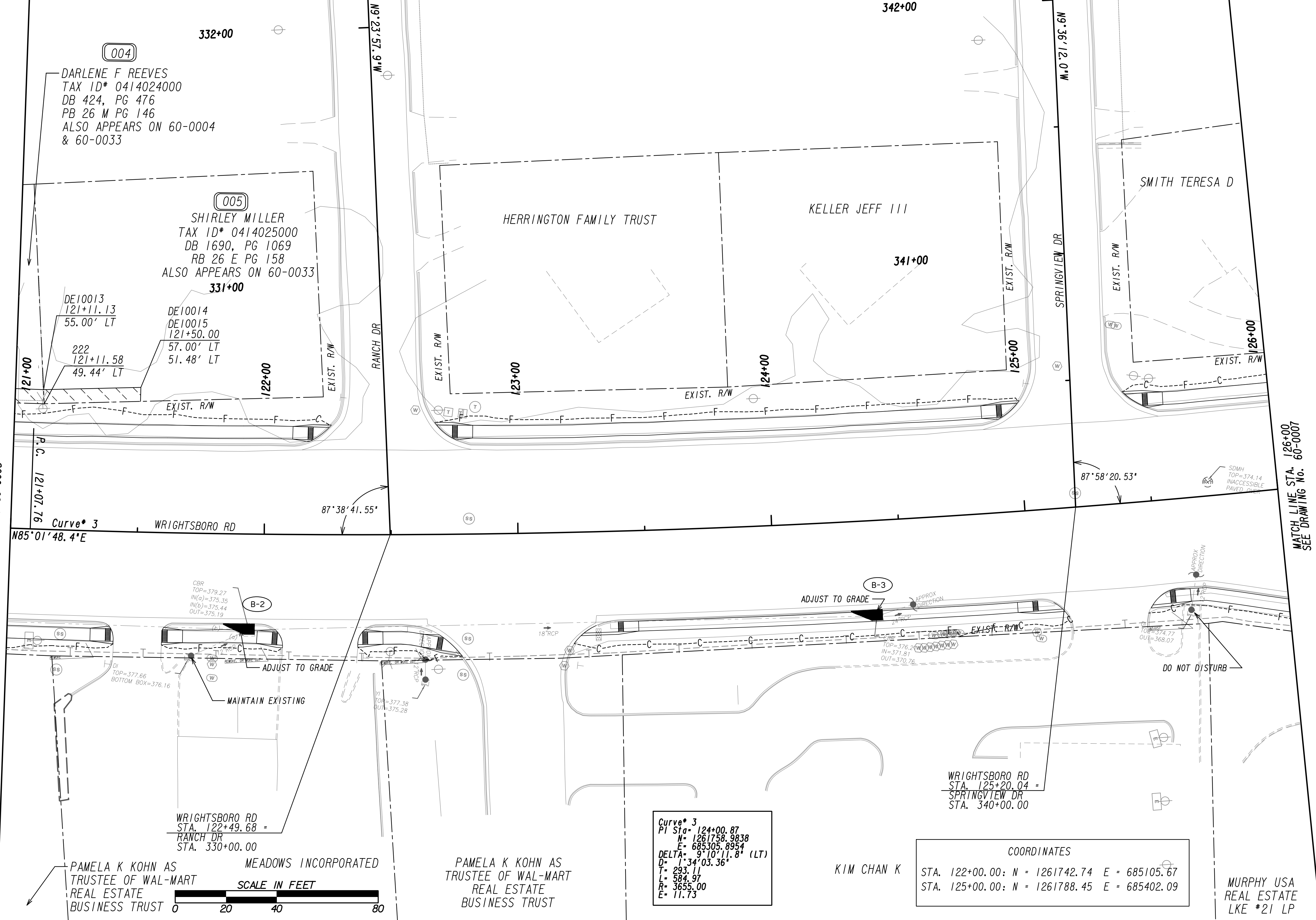
STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**

PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 04 OF 35

DRAWING No.  
**60-0004**

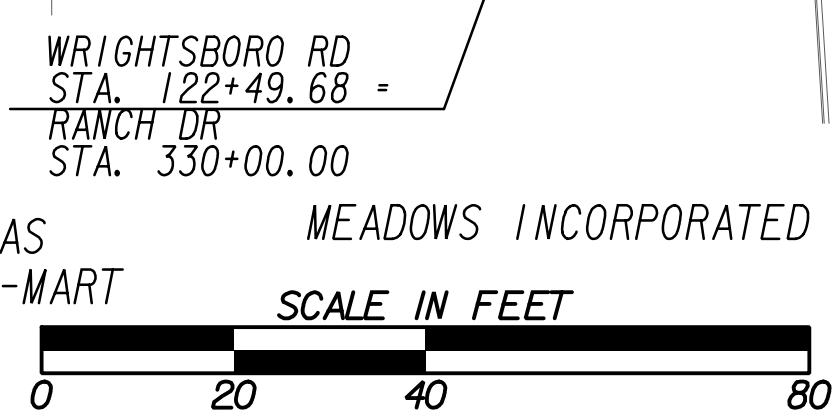






MATCH LINE STA. 121+00  
SEE DRAWING No. 60-0005

MATCH LINE STA. 126+00  
SEE DRAWING No. 60-0007



Curve\* 3  
PI Sta- 124+00.87  
N= 1261758.9838  
E= 685305.8954  
DELTA= 9°10'11.8" (LT)  
D= 1°34'03.36"  
T= 293.11  
L= 584.97  
R= 3655.00  
E= 11.73

COORDINATES  
STA. 122+00.00: N = 1261742.74 E = 685105.67  
STA. 125+00.00: N = 1261788.45 E = 685402.09

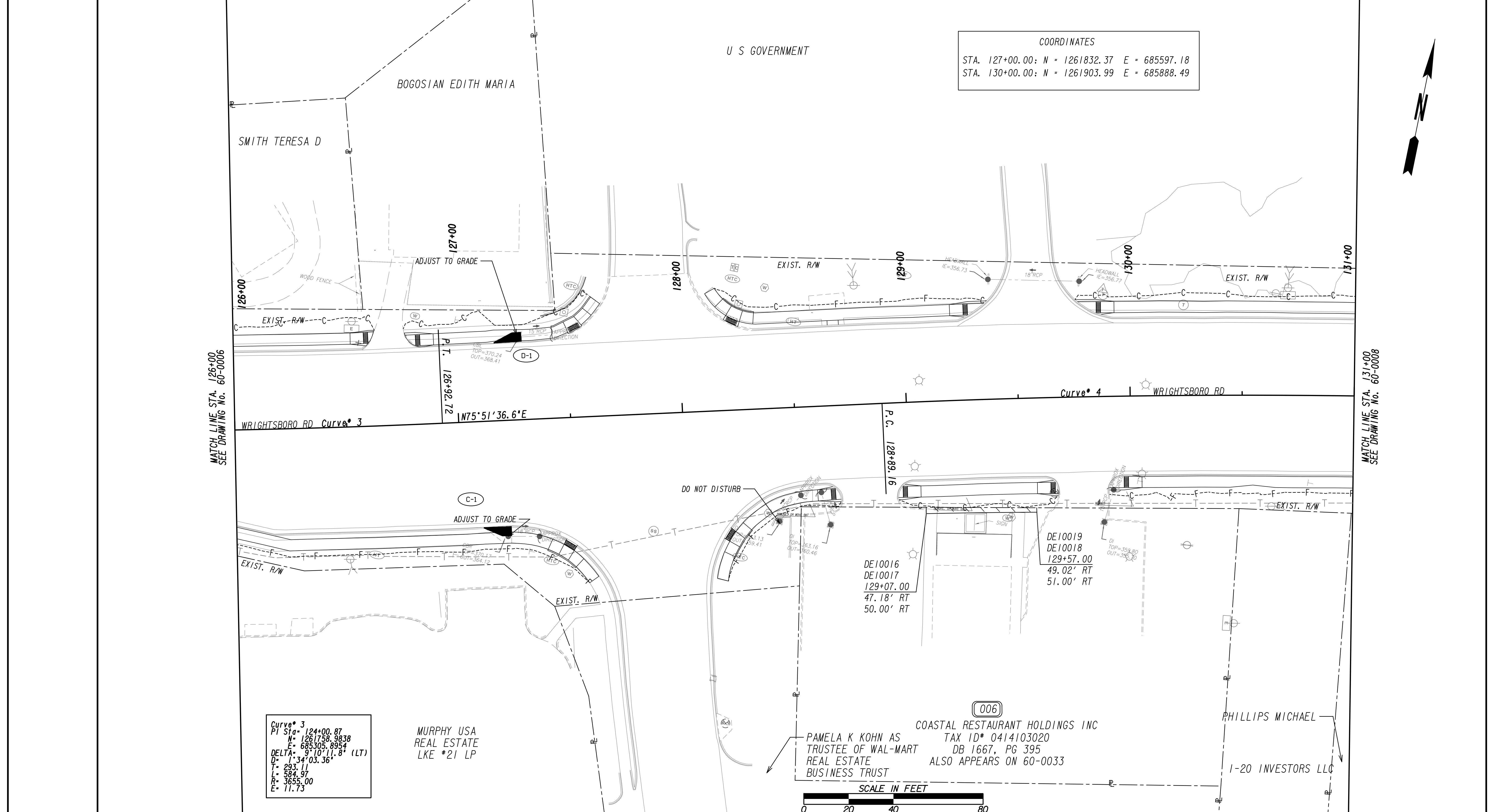
PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---G---F---
EASEMENT FOR CONSTR OF SLOPES	---G---F---
EASEMENT FOR CONSTR OF DRIVES	---G---F---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
EXISTING LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS	---
EXISTING LIMIT OF ACCESS & R/W	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---

DATE	REVISIONS	DATE	REVISIONS

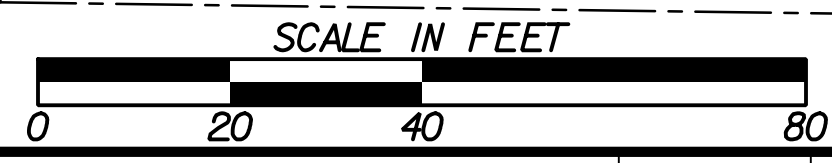
DATE	REVISIONS

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
PROJECT NO: 20-TP-007  
COUNTY: RICHMOND  
LAND LOT NO:  
LAND DISTRICT:  
GMD: 600  
DATE 1/21/2022 SH 06 OF 35  
DRAWING No.  
**60-0006**



COORDINATES  
 STA. 127+00.00: N = 1261832.37 E = 685597.18  
 STA. 130+00.00: N = 1261903.99 E = 685888.49

Curve 3  
 PI Sta= 124+00.87  
 N= 1261758.9838  
 E= 685305.8954  
 DELTA= 9°10'11.8" (LT)  
 D= 134'03.36"  
 T= 293.11  
 L= 584.97  
 R= 3655.00  
 E= 11.73



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

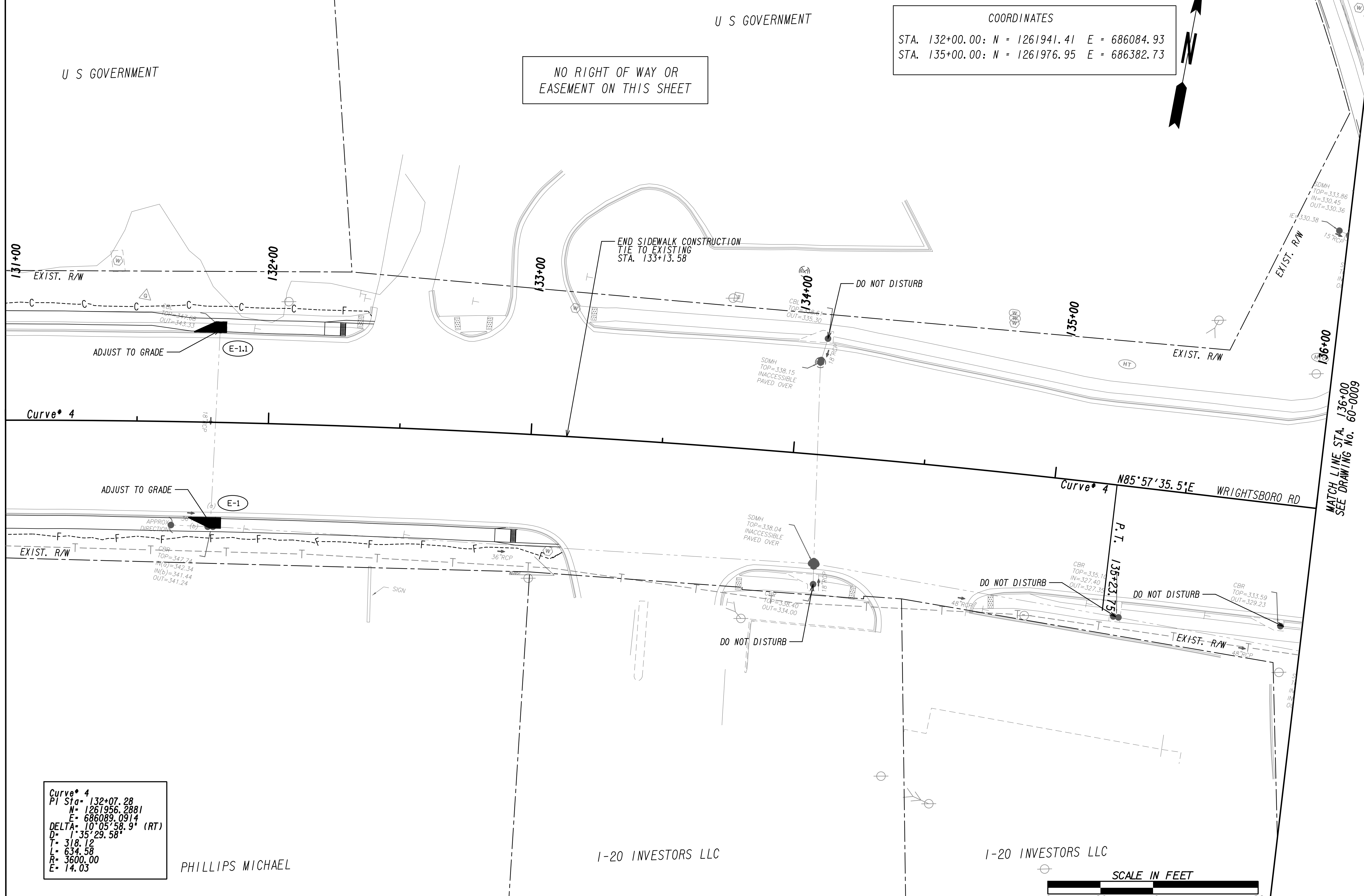
BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

DATE	REVISIONS	DATE	REVISIONS
3/8/22	PAR 6- TAX ID *		

DATE	REVISIONS

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
 PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 07 OF 35

DRAWING No.  
**60-0007**



**COORDINATES**  
 STA. 132+00.00: N = 1261941.41 E = 686084.93  
 STA. 135+00.00: N = 1261976.95 E = 686382.73

MATCH LINE STA. 131+00  
SEE DRAWING No. 60-0007

MATCH LINE STA. 136+00  
SEE DRAWING No. 60-0009

**Curve # 4**  
 PI Sta= 132+07.28  
 N= 1261956.2881  
 E= 686089.0914  
 DELTA= 10°05'58.9" (RT)  
 D= 1°35'29.58"  
 L= 318.12  
 R= 3600.00  
 E= 14.03



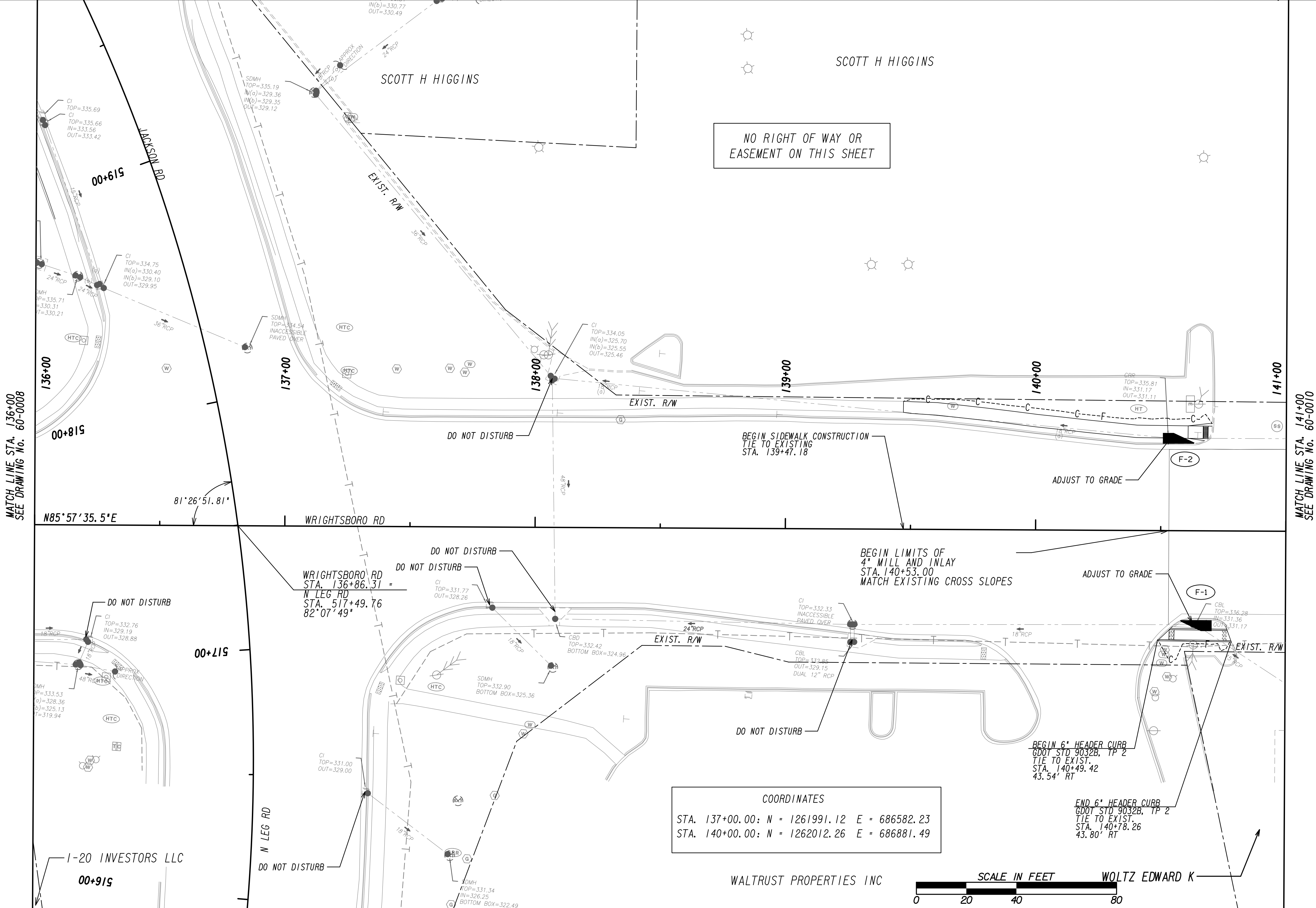
PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---G---F---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Hatched Box]

BEGIN LIMIT OF ACCESS.....BLA	---o---o---
END LIMIT OF ACCESS.....ELA	---o---o---
EXISTING LIMIT OF ACCESS	---o---o---
REQ'D LIMIT OF ACCESS	---o---o---
EXISTING LIMIT OF ACCESS & R/W	---  ---  ---
REQ'D LIMIT OF ACCESS & R/W	---  ---  ---
ORANGE BARRIER FENCE	---●---●---
ESA - ENV. SENSITIVE AREA	---▲---▲---

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
 PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 08 OF 35

DRAWING No.  
**60-0008**



COORDINATES  
 STA. 137+00.00: N = 1261991.12 E = 686582.23  
 STA. 140+00.00: N = 1262012.26 E = 686881.49



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

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

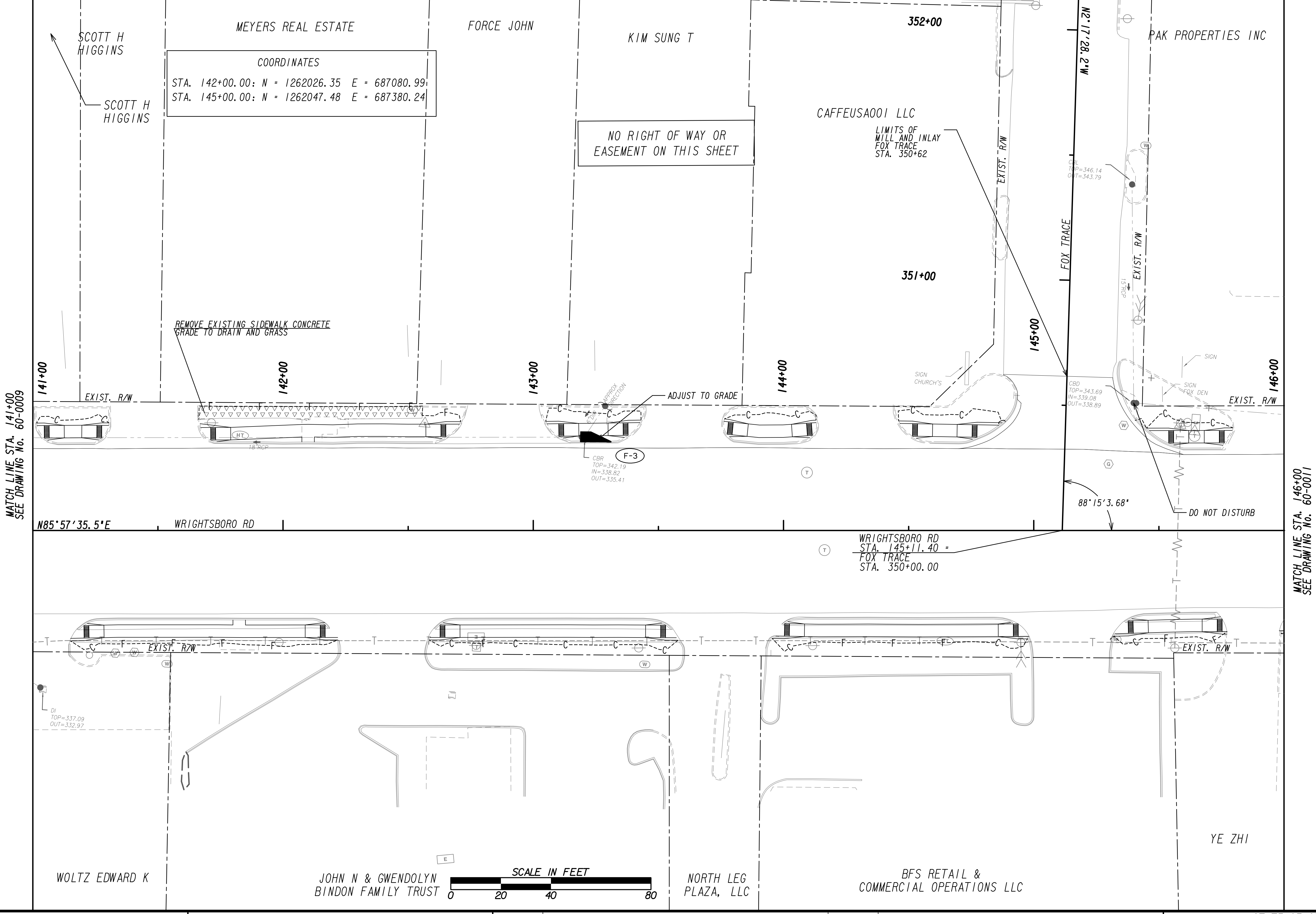
DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION

**RIGHT OF WAY MAP**

PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 09 OF 35

DRAWING No.  
**60-0009**



MATCH LINE STA. 141+00 SEE DRAWING NO. 60-0009

MATCH LINE STA. 146+00 SEE DRAWING NO. 60-0011



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

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

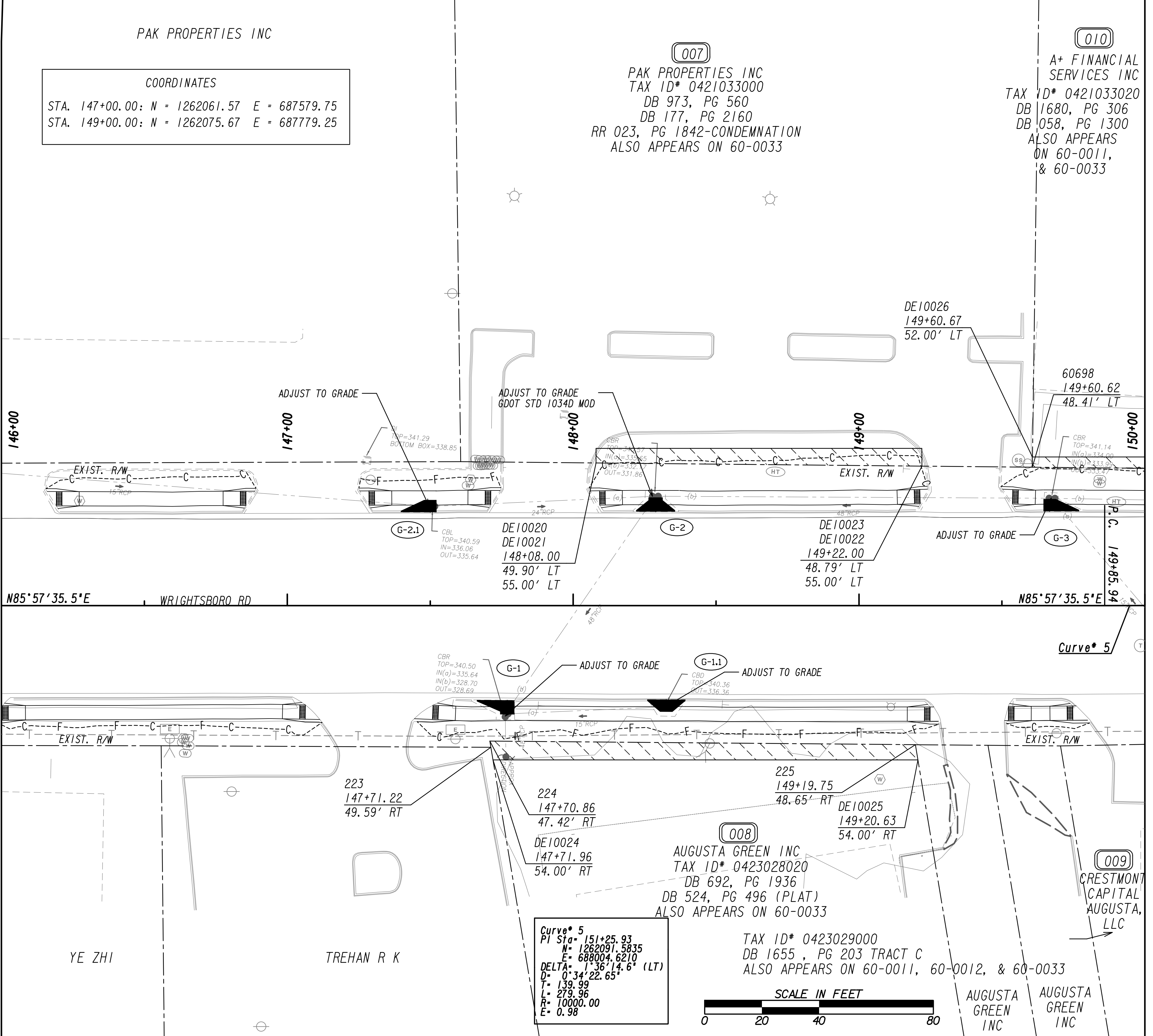
DATE	REVISIONS	DATE	REVISIONS

DATE	REVISIONS

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**

PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 10 OF 35

DRAWING No.  
**60-000**



MATCH LINE STA. 146+00  
SEE DRAWING NO. 60-0010

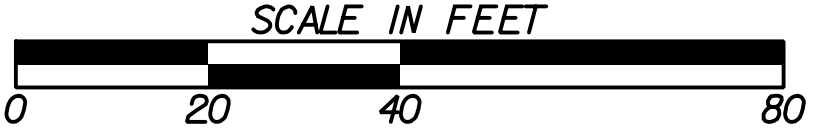
MATCH LINE STA. 150+00  
SEE DRAWING NO. 60-0012

**COORDINATES**  
 STA. 147+00.00: N = 1262061.57 E = 687579.75  
 STA. 149+00.00: N = 1262075.67 E = 687779.25

**(007)**  
 PAK PROPERTIES INC  
 TAX ID# 0421033000  
 DB 973, PG 560  
 DB 177, PG 2160  
 RR 023, PG 1842-CONDEMNATION  
 ALSO APPEARS ON 60-0033

**(010)**  
 A+ FINANCIAL  
 SERVICES INC  
 TAX ID# 0421033020  
 DB 1680, PG 306  
 DB 058, PG 1300  
 ALSO APPEARS  
 ON 60-0011,  
 & 60-0033

**Curve\* 5**  
 PI Sta= 151+25.93  
 N= 1262091.5835  
 E= 688004.6210  
 DELTA= 136°14'06" (LT)  
 D= 0°34'22.65"  
 T= 139.99  
 L= 279.96  
 R= 10000.00  
 E= 0.98



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

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

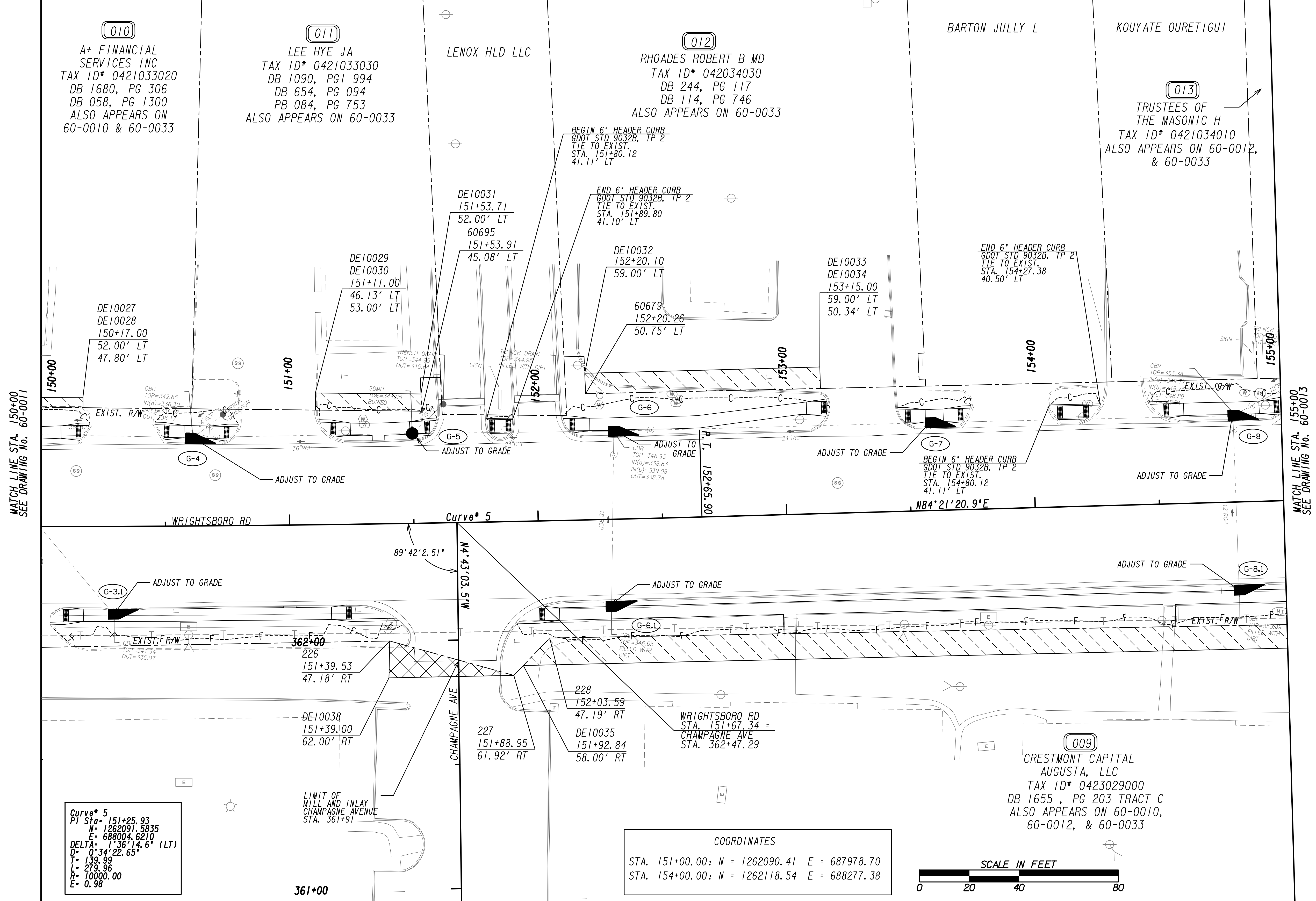
DATE	REVISIONS	DATE	REVISIONS

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**

PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 11 OF 35

DRAWING No.  
**60-001**

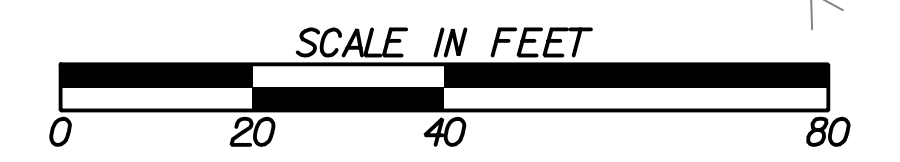


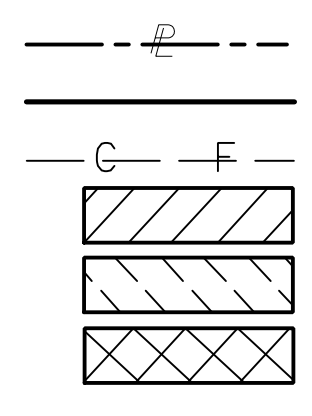
MATCH LINE STA. 150+00  
SEE DRAWING No. 60-0011

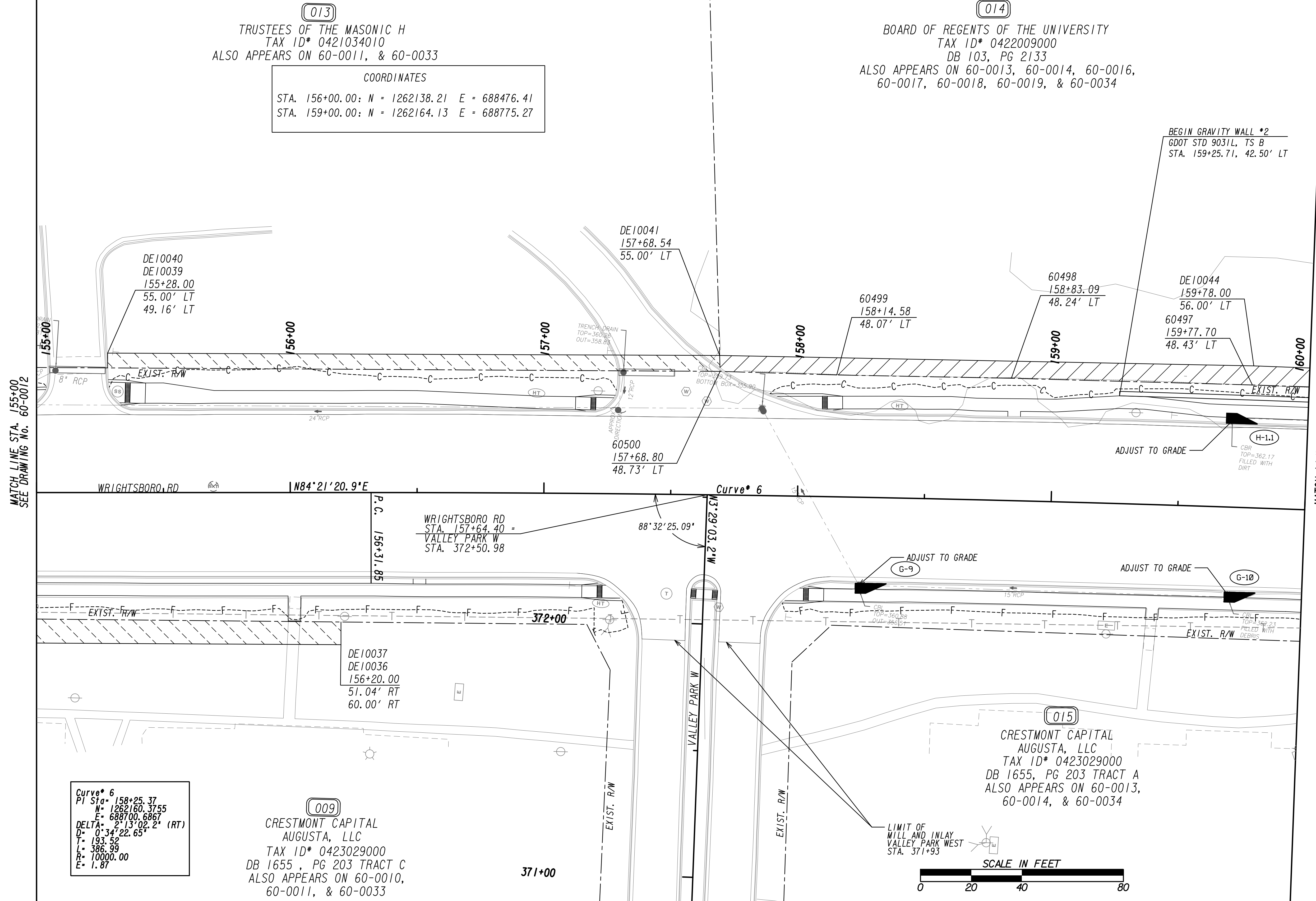
MATCH LINE STA. 155+00  
SEE DRAWING No. 60-0013

**Curve\* 5**  
 PI Sta= 151+25.93  
 N= 1262091.5835  
 E= 688004.6210  
 DELTA= 1°36'14.6" (LT)  
 D= 0°34'22.65"  
 T= 139.99  
 L= 279.96  
 R= 10000.00  
 E= 0.98

**COORDINATES**  
 STA. 151+00.00: N = 1262090.41 E = 687978.70  
 STA. 154+00.00: N = 1262118.54 E = 688277.38



PROPERTY AND EXISTING R/W LINE REQUIRED R/W LINE CONSTRUCTION LIMITS EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES EASEMENT FOR CONSTR OF SLOPES EASEMENT FOR CONSTR OF DRIVES		BEGIN LIMIT OF ACCESS.....BLA END LIMIT OF ACCESS.....ELA EXISTING LIMIT OF ACCESS REQ'D LIMIT OF ACCESS EXISTING LIMIT OF ACCESS & R/W REQ'D LIMIT OF ACCESS & R/W ORANGE BARRIER FENCE ESA - ENV. SENSITIVE AREA	DATE	REVISIONS	DATE	REVISIONS	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION <b>RIGHT OF WAY MAP</b> PROJECT NO: 20-TP-007 COUNTY: RICHMOND LAND LOT NO: LAND DISTRICT: GMD: 600 DATE 1/21/2022 SH 12 OF 35



MATCH LINE STA. 155+00  
SEE DRAWING No. 60-0012

MATCH LINE STA. 160+00  
SEE DRAWING No. 60-0014

**Curve\* 6**  
 PI Sta\* 158+25.37  
 N = 1262160.3755  
 E = 688700.6867  
 DELTA = 2°13'02.2" (RT)  
 D = 0°34'22.65"  
 T = 193.56  
 L = 386.99  
 R = 10000.00  
 E = 1.87

**(009)**  
 CRESTMONT CAPITAL  
 AUGUSTA, LLC  
 TAX ID\* 0423029000  
 DB 1655, PG 203 TRACT C  
 ALSO APPEARS ON 60-0010,  
 60-0011, & 60-0033

**(015)**  
 CRESTMONT CAPITAL  
 AUGUSTA, LLC  
 TAX ID\* 0423029000  
 DB 1655, PG 203 TRACT A  
 ALSO APPEARS ON 60-0013,  
 60-0014, & 60-0034

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

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

DATE	REVISIONS	DATE	REVISIONS

DATE	REVISIONS

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
 PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 13 OF 35  
 DRAWING No.  
**60-0013**



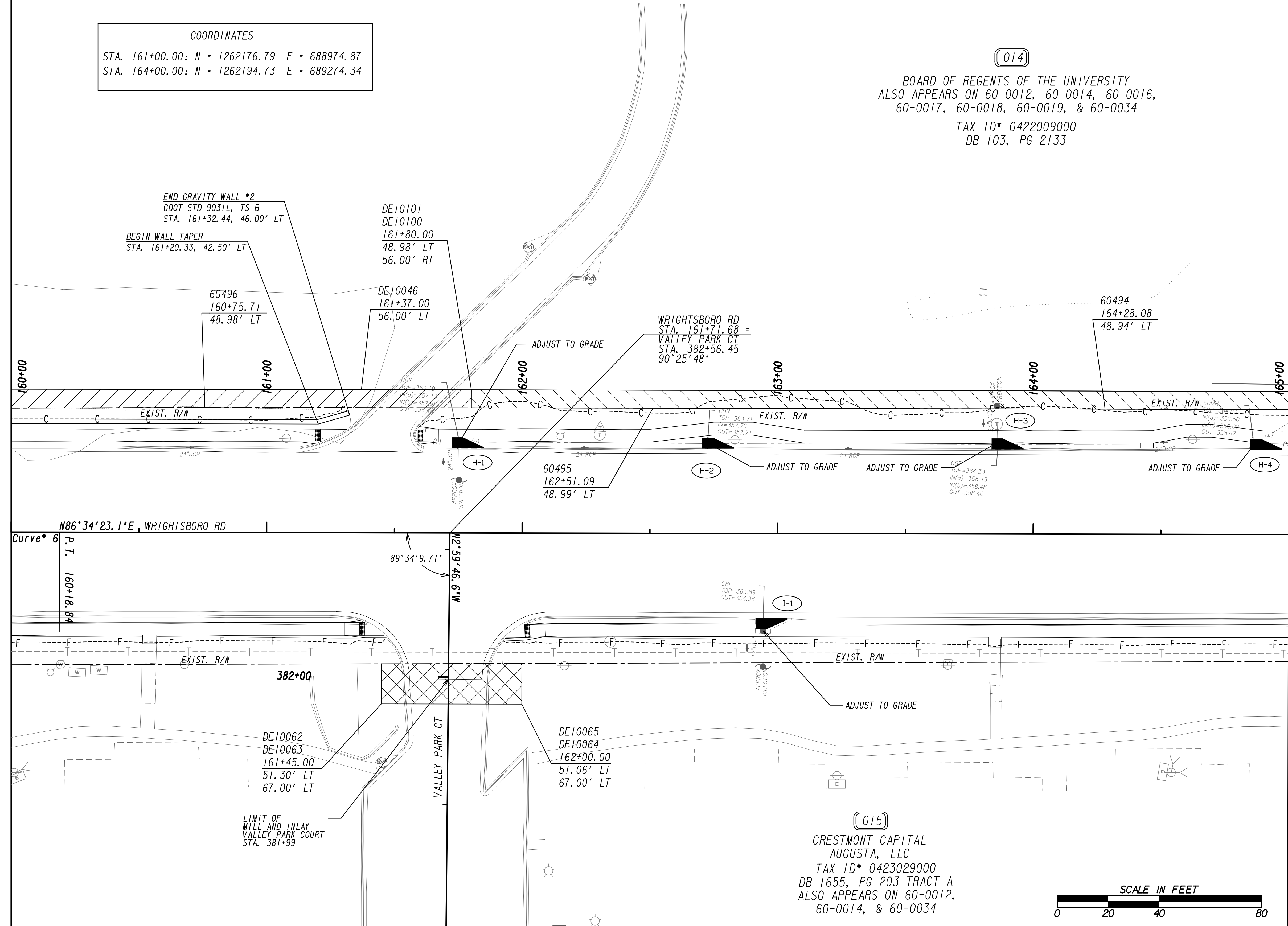
**COORDINATES**  
 STA. 161+00.00: N = 1262176.79 E = 688974.87  
 STA. 164+00.00: N = 1262194.73 E = 689274.34

**(014)**  
 BOARD OF REGENTS OF THE UNIVERSITY  
 ALSO APPEARS ON 60-0012, 60-0014, 60-0016,  
 60-0017, 60-0018, 60-0019, & 60-0034  
 TAX ID\* 0422009000  
 DB 103, PG 2133

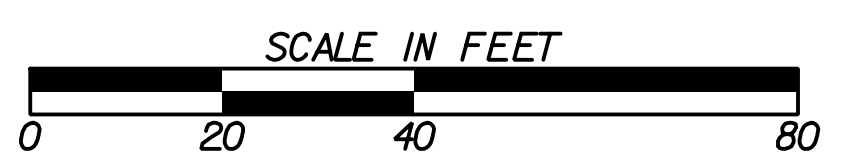


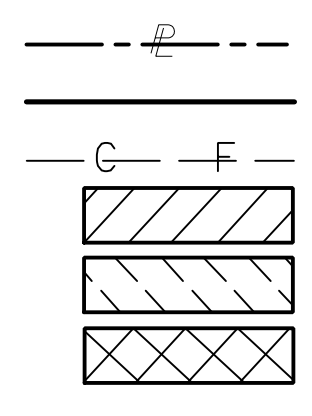
MATCH LINE STA. 160+00. SEE DRAWING No. 60-0013

MATCH LINE STA. 165+00. SEE DRAWING No. 60-0015



**(015)**  
 CRESTMONT CAPITAL  
 AUGUSTA, LLC  
 TAX ID\* 0423029000  
 DB 1655, PG 203 TRACT A  
 ALSO APPEARS ON 60-0012,  
 60-0014, & 60-0034

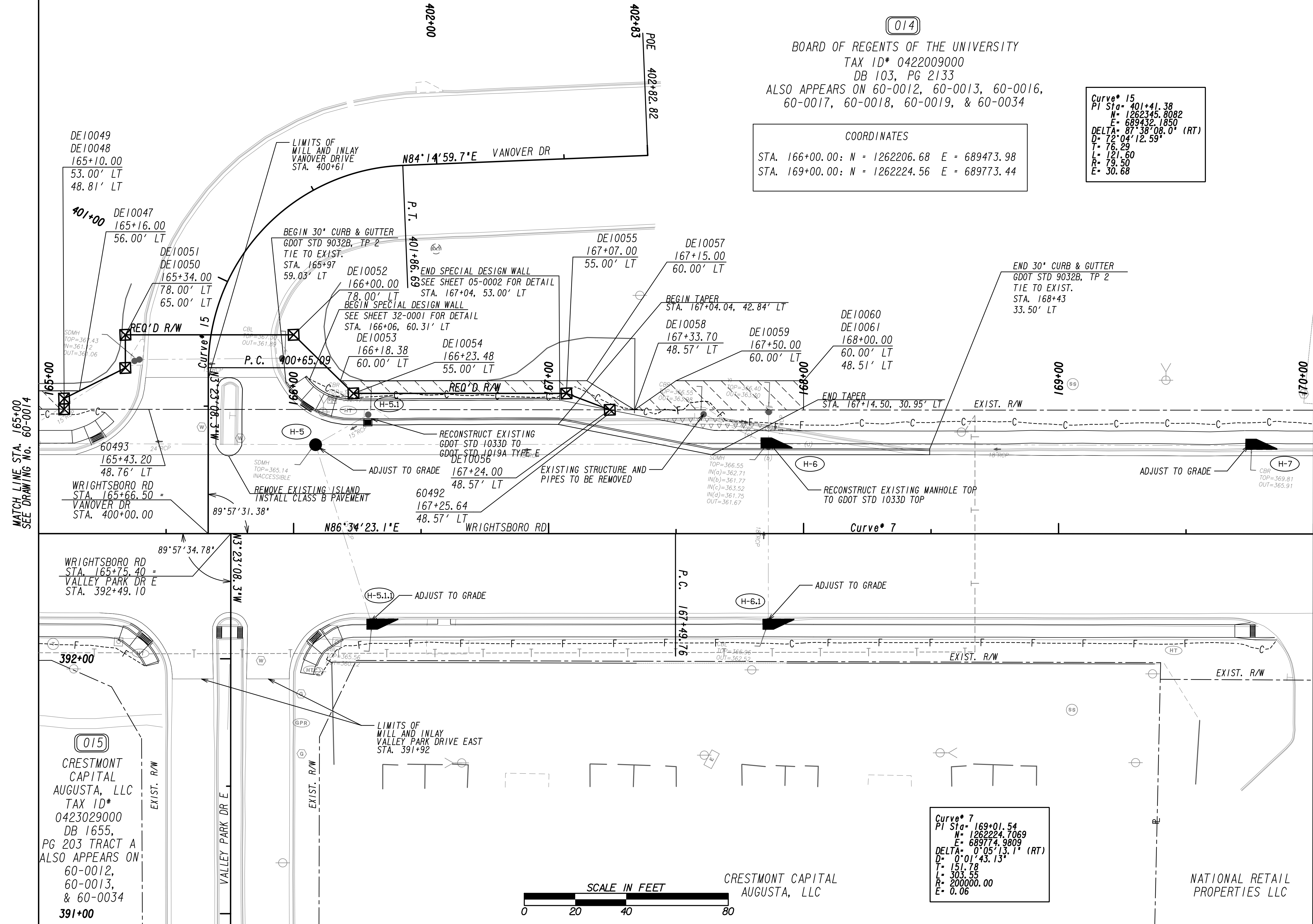


PROPERTY AND EXISTING R/W LINE REQUIRED R/W LINE CONSTRUCTION LIMITS EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES EASEMENT FOR CONSTR OF SLOPES EASEMENT FOR CONSTR OF DRIVES		BEGIN LIMIT OF ACCESS.....BLA END LIMIT OF ACCESS.....ELA EXISTING LIMIT OF ACCESS REQ'D LIMIT OF ACCESS EXISTING LIMIT OF ACCESS & R/W REQ'D LIMIT OF ACCESS & R/W ORANGE BARRIER FENCE ESA - ENV. SENSITIVE AREA	DATE 3/8/22	REVISIONS TEXT CONFLICT	DATE 	REVISIONS 	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION <b>RIGHT OF WAY MAP</b>
		PROJECT NO: 20-TP-007 COUNTY: RICHMOND LAND LOT NO: LAND DISTRICT: GMD: 600 DATE 1/21/2022 SH 14 OF 35	DRAWING No. <b>60-0014</b>				

(014)  
 BOARD OF REGENTS OF THE UNIVERSITY  
 TAX ID\* 0422009000  
 DB 103, PG 2133  
 ALSO APPEARS ON 60-0012, 60-0013, 60-0016,  
 60-0017, 60-0018, 60-0019, & 60-0034

COORDINATES  
 STA. 166+00.00: N = 1262206.68 E = 689473.98  
 STA. 169+00.00: N = 1262224.56 E = 689773.44

Curve\* 15  
 PI Sta= 401+41.38  
 N= 1262345.8082  
 E= 689432.1850  
 DELTA= 87°38'08.0" (RT)  
 D= 72°04'12.59"  
 L= 121.60  
 R= 19.50  
 E= 30.68



MATCH LINE STA. 165+00  
 SEE DRAWING NO. 60-0014

MATCH LINE STA. 170+00  
 SEE DRAWING NO. 60-0016

WRIGHTSBORO RD  
 STA. 165+75.40 =  
 VALLEY PARK DR E  
 STA. 392+49.10

(015)  
 CRESTMONT  
 CAPITAL  
 AUGUSTA, LLC  
 TAX ID\*  
 0423029000  
 DB 1655,  
 PG 203 TRACT A  
 ALSO APPEARS ON  
 60-0012,  
 60-0013,  
 & 60-0034  
 391+00

Curve\* 7  
 PI Sta= 169+01.54  
 N= 1262224.7069  
 E= 689774.9809  
 DELTA= 0°05'13.1" (RT)  
 D= 0°01'43.13"  
 L= 151.78  
 R= 303.55  
 E= 200000.00  
 E= 0.06



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

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
EXISTING LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS	---
EXISTING LIMIT OF ACCESS & R/W	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---

DATE	REVISIONS	DATE	REVISIONS
3/8/22	TEXT CONFLICT		

STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY MAP	
PROJECT NO: 20-TP-007	COUNTY: RICHMOND
LAND LOT NO:	LAND DISTRICT:
GMD: 600	DATE 1/21/2022 SH 15 OF 35
DRAWING No. <b>60-0015</b>	

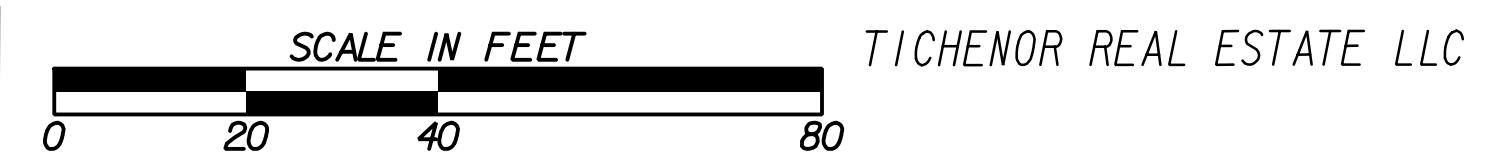
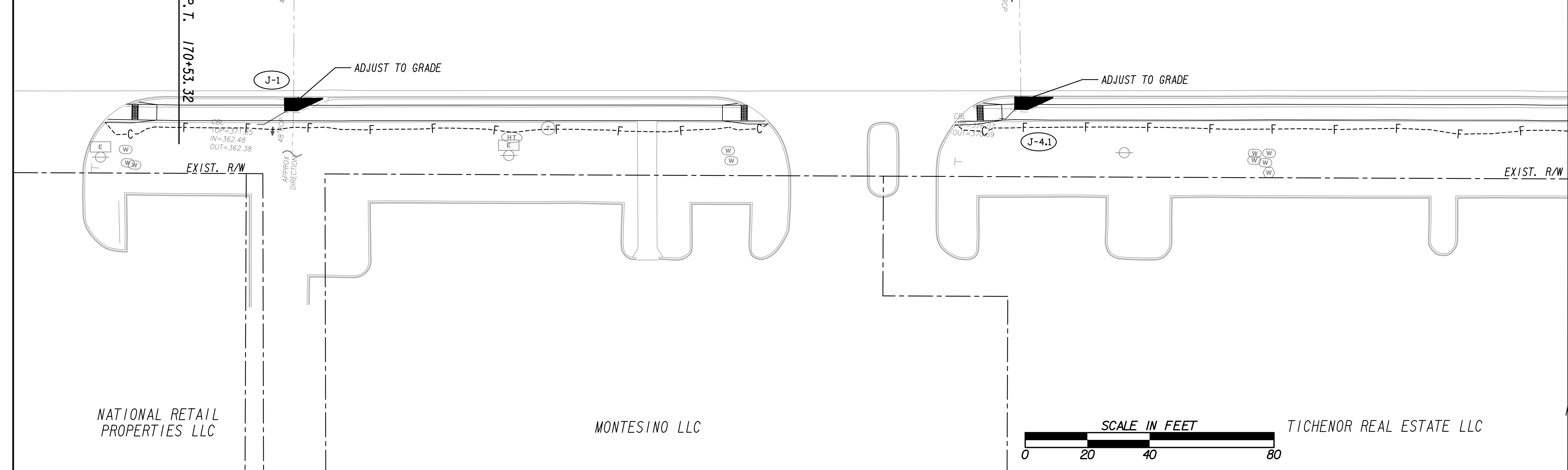
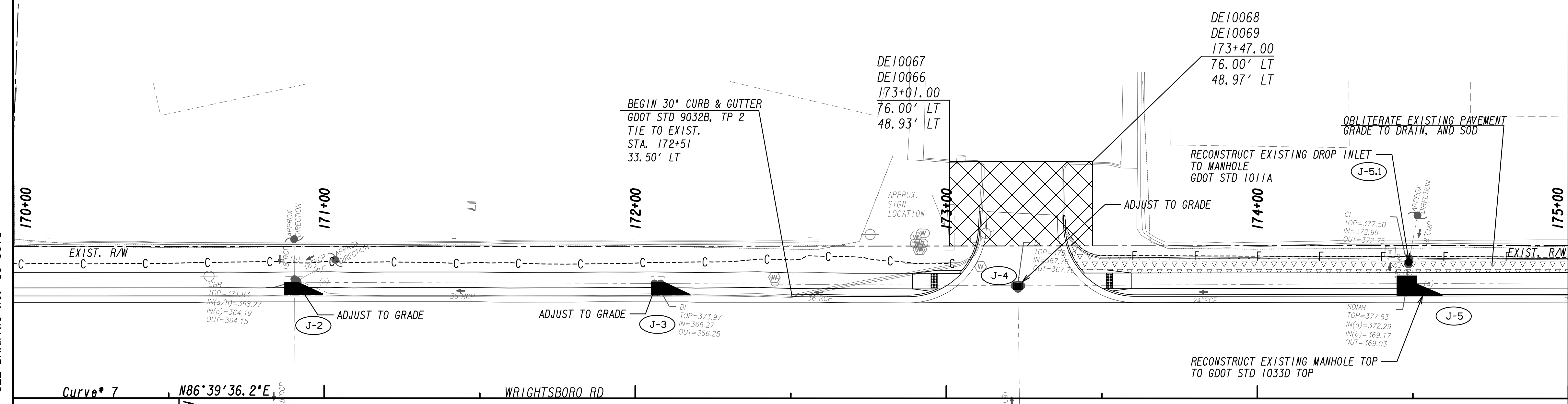
(016)  
 CSA AUGUSTA, LLC  
 TAX ID\* 0422009010  
 DB 340, PG 1521  
 ALSO APPEARS ON 60-0016 & 60-0034

COORDINATES  
 STA. 171+00.00: N = 1262236.27 E = 689973.10  
 STA. 174+00.00: N = 1262253.75 E = 690272.59

Curve\* 7  
 PI Sta = 169+01.54  
 N = 1262224.7069  
 E = 689774.9809  
 DELTA = 0°05'13.1" (RT)  
 D = 0°01'43.13"  
 T = 151.78  
 L = 303.55  
 R = 200000.00  
 E = 0.06

MATCH LINE STA. 170+00  
 SEE DRAWING No. 60-0015

MATCH LINE STA. 175+00  
 SEE DRAWING No. 60-0017



PROPERTY AND EXISTING R/W LINE REQUIRED R/W LINE CONSTRUCTION LIMITS EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES EASEMENT FOR CONSTR OF SLOPES EASEMENT FOR CONSTR OF DRIVES		BEGIN LIMIT OF ACCESS.....BLA END LIMIT OF ACCESS.....ELA EXISTING LIMIT OF ACCESS REQ'D LIMIT OF ACCESS EXISTING LIMIT OF ACCESS & R/W REQ'D LIMIT OF ACCESS & R/W ORANGE BARRIER FENCE ESA - ENV. SENSITIVE AREA	DATE REVISIONS	DATE REVISIONS	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION <b>RIGHT OF WAY MAP</b> PROJECT NO: 20-TP-007 COUNTY: RICHMOND LAND LOT NO: LAND DISTRICT: GMD: 600 DATE 1/21/2022 SH 16 OF 35
		DRAWING No. <b>60-0016</b>			

**(016)**  
 CSA AUGUSTA, LLC  
 TAX ID\* 0422009010  
 DB 340, PG 1521  
 ALSO APPEARS ON 60-0015 & 60-0034

NO RIGHT OF WAY OR  
 EASEMENT ON THIS SHEET

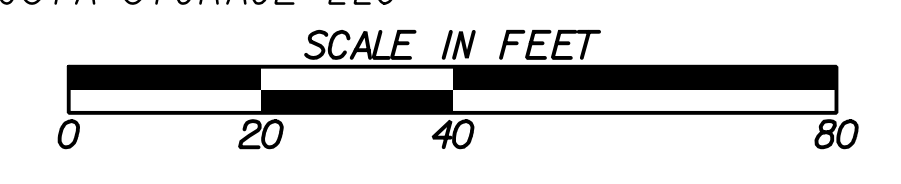
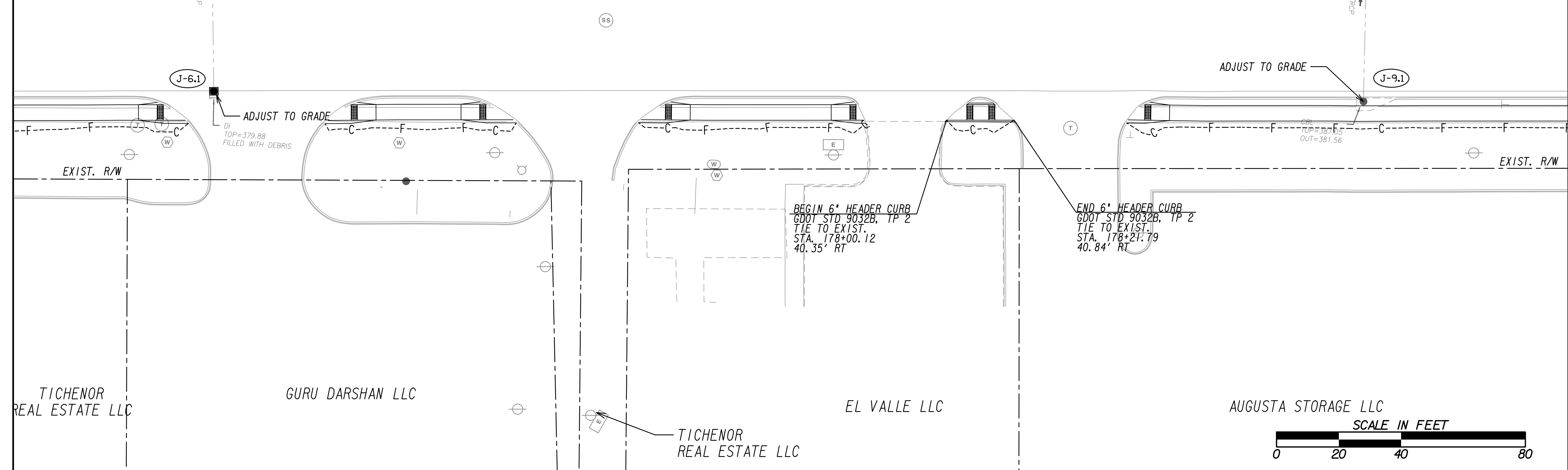
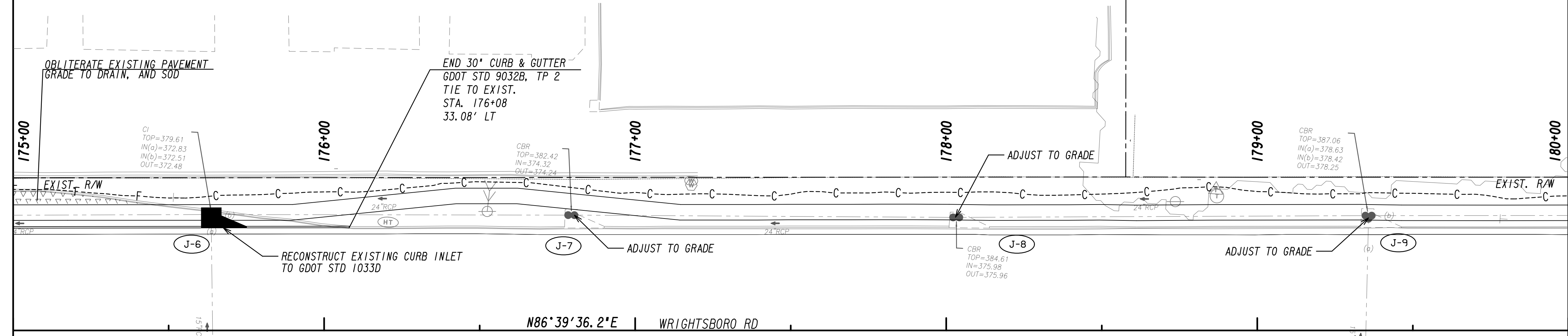
**(014)**  
 BOARD OF REGENTS OF THE UNIVERSITY  
 TAX ID\* 0422009000  
 DB 103, PG 2133  
 ALSO APPEARS ON 60-0012, 60-0013, 60-0014,  
 60-0017, 60-0018, 60-0019, & 60-0034

COORDINATES  
 STA. 176+00.00: N = 1262265.40 E = 690472.25  
 STA. 179+00.00: N = 1262282.88 E = 690771.74



MATCH LINE STA. 175+00  
 SEE DRAWING No. 60-0016

MATCH LINE STA. 180+00  
 SEE DRAWING No. 60-0018



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

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

DATE	REVISIONS	DATE	REVISIONS

DATE	REVISIONS	DATE	REVISIONS

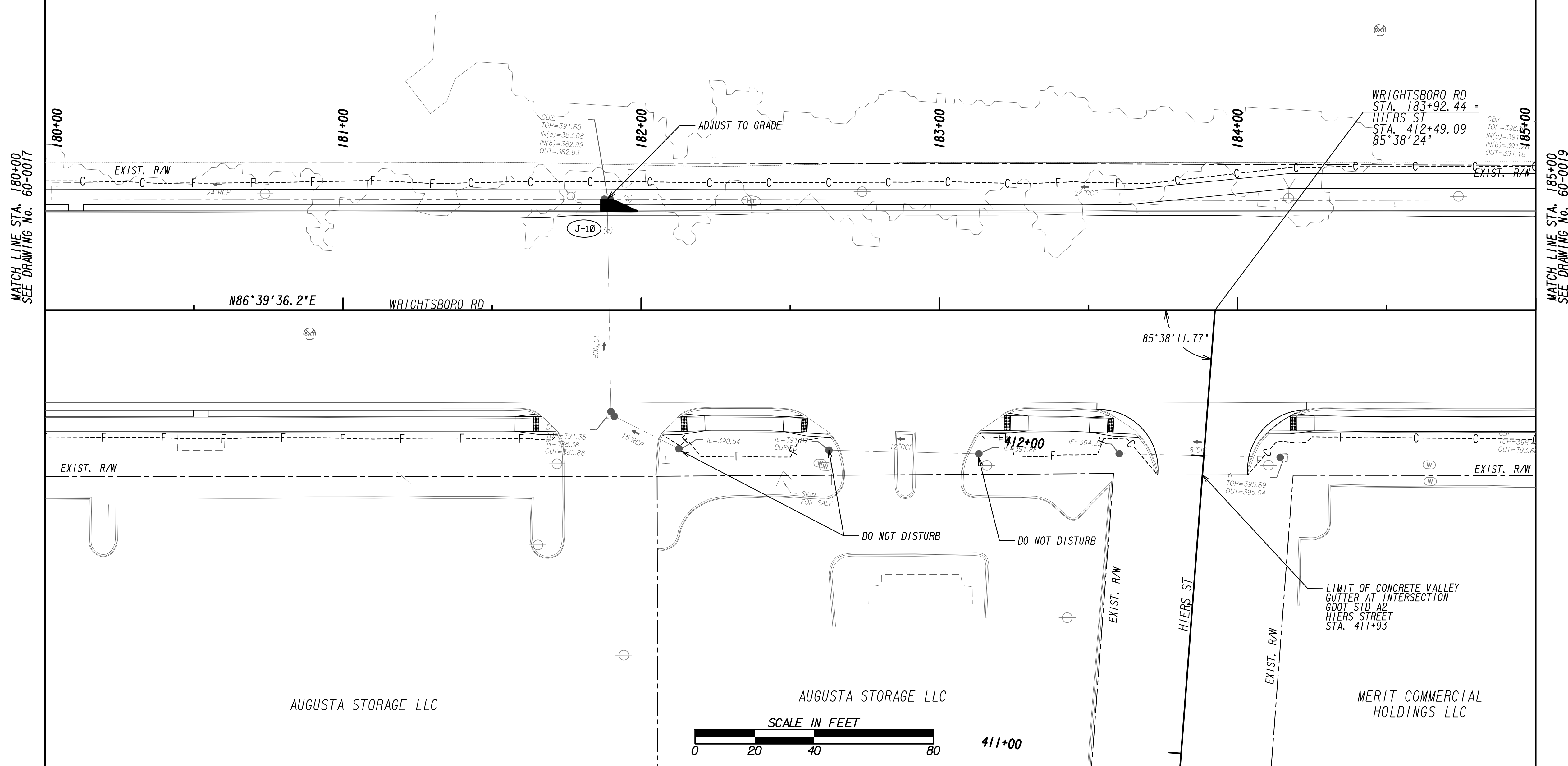
STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**

PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 17 OF 35

DRAWING No.  
**60-0017**

COORDINATES  
 STA. 181+00.00: N = 1262294.53 E = 690971.40  
 STA. 184+00.00: N = 1262312.01 E = 691270.89

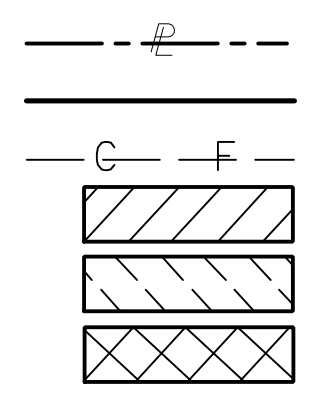
(014)  
 BOARD OF REGENTS OF THE UNIVERSITY  
 TAX ID\* 0422009000  
 DB 103, PG 2133  
 ALSO APPEARS ON 60-0012, 60-0013, 60-0014,  
 60-0016, 60-0018, 60-0019, & 60-0034



MATCH LINE STA. 180+00  
SEE DRAWING No. 60-0017

MATCH LINE STA. 185+00  
SEE DRAWING No. 60-0019

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



BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 EXISTING LIMIT OF ACCESS  
 REQ'D LIMIT OF ACCESS  
 EXISTING LIMIT OF ACCESS & R/W  
 REQ'D LIMIT OF ACCESS & R/W  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
 PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 18 OF 35

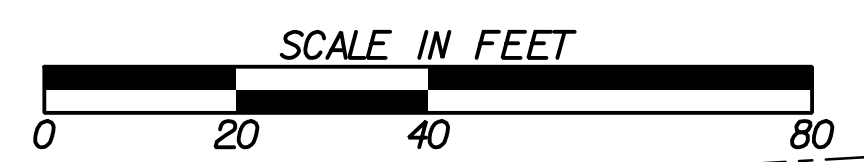
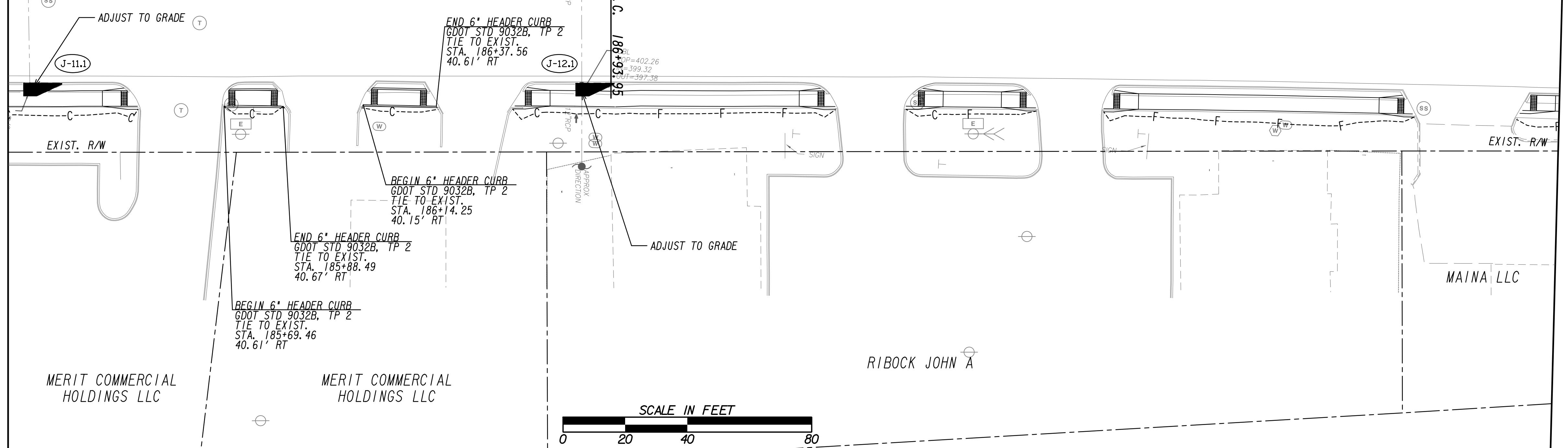
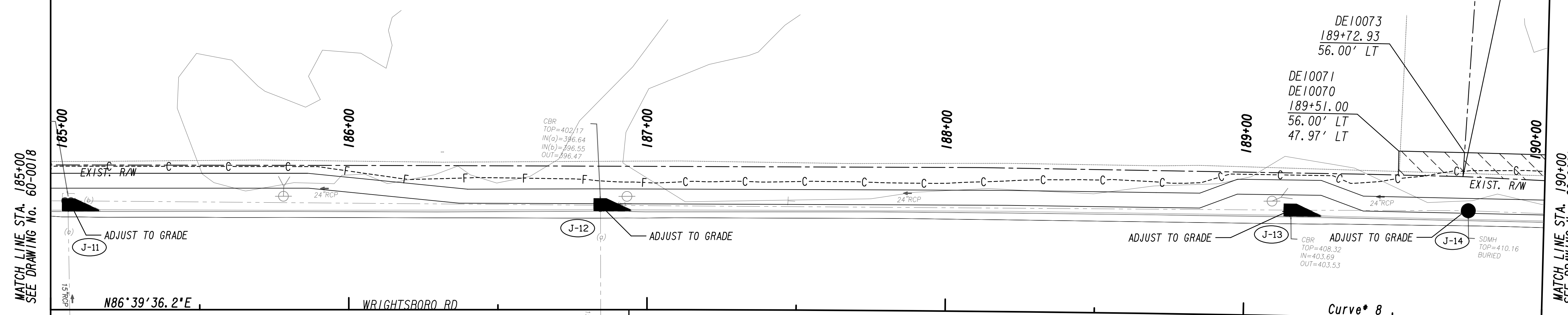
DRAWING No.  
**60-0018**

COORDINATES  
 STA. 186+00.00: N = 1262323.66 E = 691470.55  
 STA. 189+00.00: N = 1262339.37 E = 691770.14

(014)  
 BOARD OF REGENTS OF THE UNIVERSITY  
 TAX ID# 0422009000  
 DB 103, PG 2133  
 ALSO APPEARS ON 60-0012, 60-0013, 60-0014,  
 60-0016, 60-0017, 60-0019, & 60-0034

Curve\* 8  
 PI Sta= 191+34.33  
 W= 1262354.7895  
 E= 692003.9739  
 DELTA= 4°12'12.3" (RT)  
 D= 0°28'38.87"  
 T= 440.38  
 L= 880.76  
 R= 12000.00  
 E= 8.08

(017)  
 AUGUSTA  
 TAX ID# 0431001010  
 DB 095, PG 954  
 ALSO APPEARS ON 60-0019, 60-0020



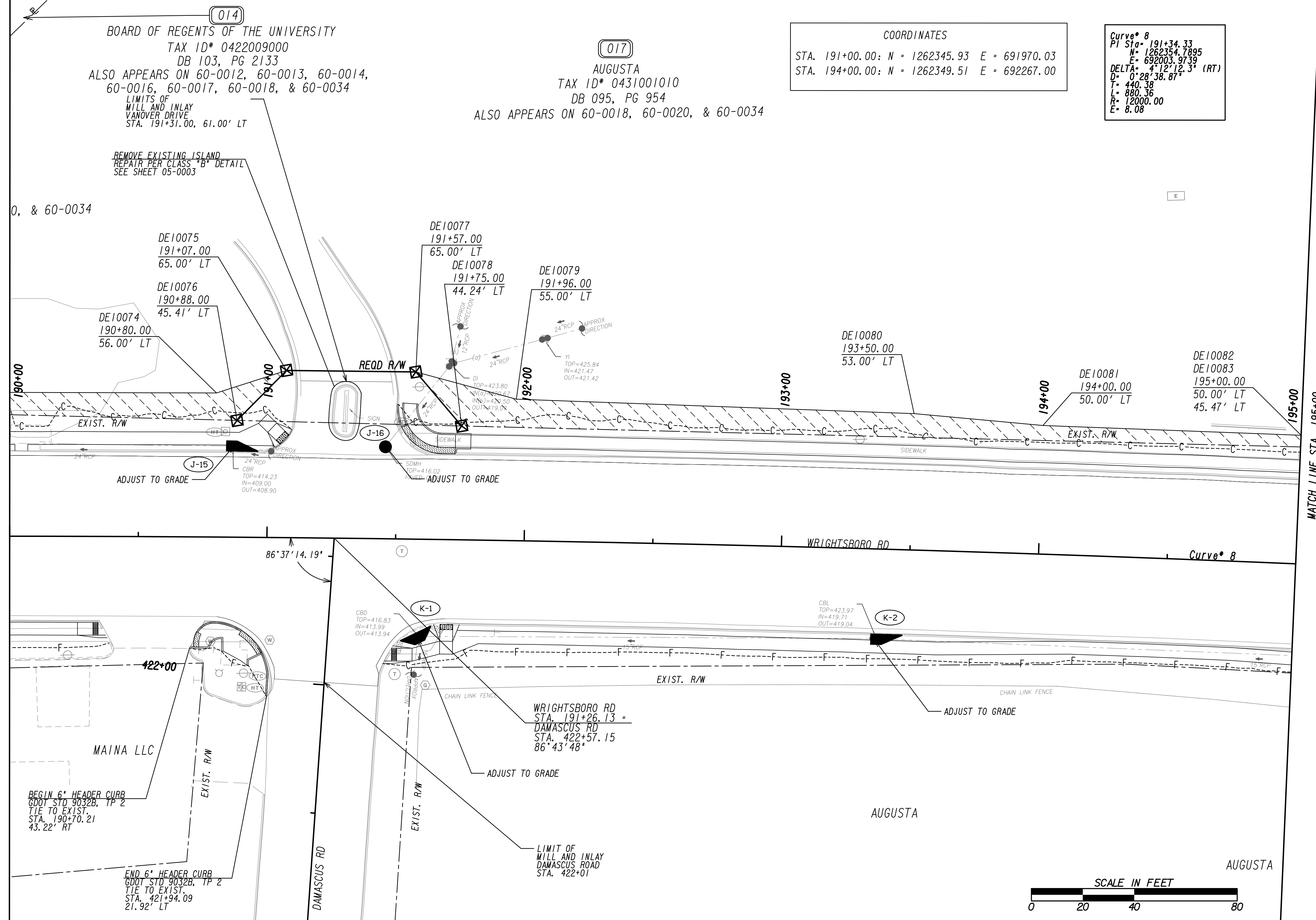
PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
EXISTING LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS	---
EXISTING LIMIT OF ACCESS & R/W	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---

DATE	REVISIONS	DATE	REVISIONS

DATE	REVISIONS

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
 PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 19 OF 35  
 DRAWING No. **60-0019**



PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---G---F---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Hatched Box]

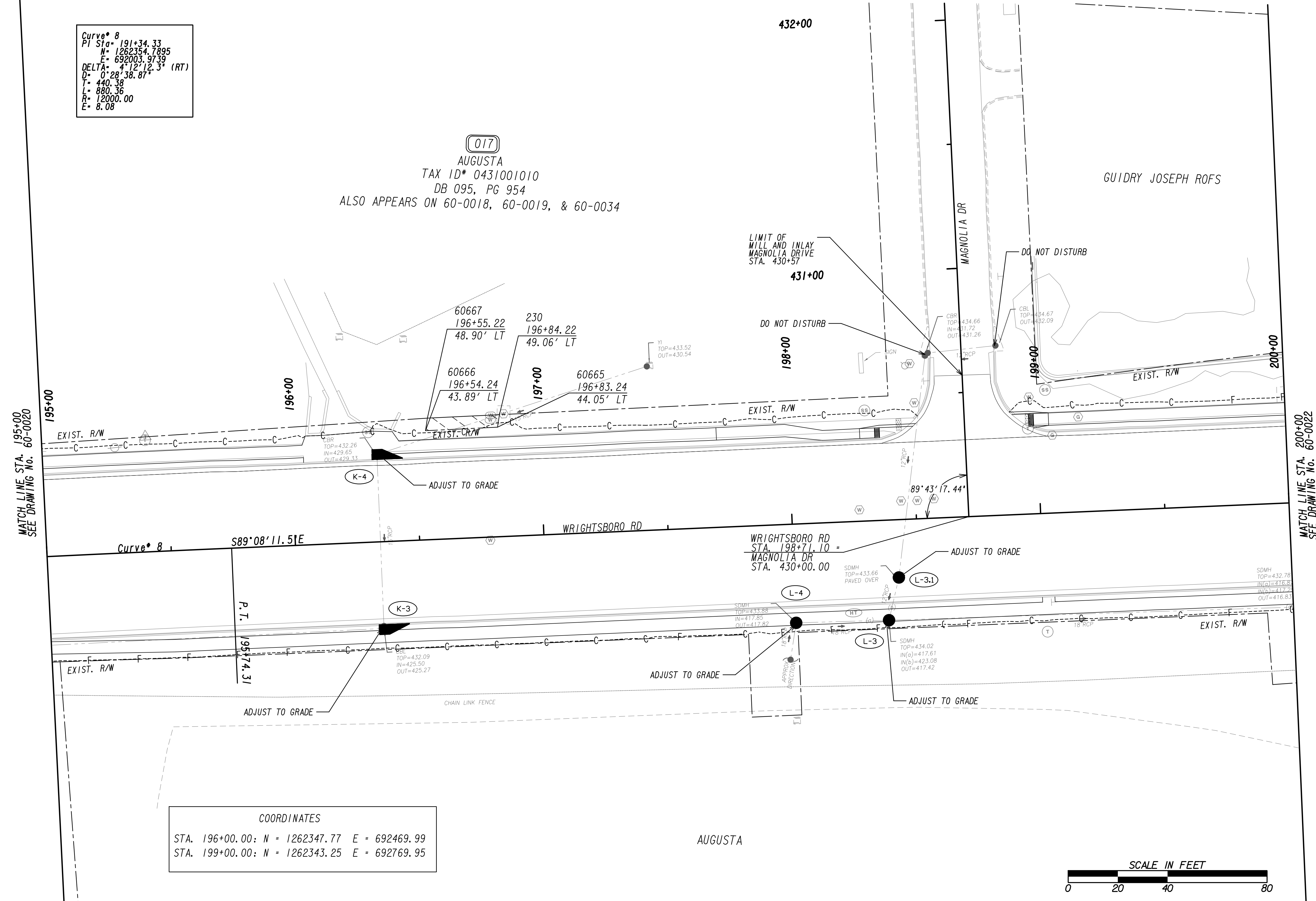
BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
EXISTING LIMIT OF ACCESS	---ooo---
REQ'D LIMIT OF ACCESS	---ooo---
EXISTING LIMIT OF ACCESS & R/W	---   ---
REQ'D LIMIT OF ACCESS & R/W	---   ---
ORANGE BARRIER FENCE	---●●●---
ESA - ENV. SENSITIVE AREA	---

DATE	REVISIONS	DATE	REVISIONS

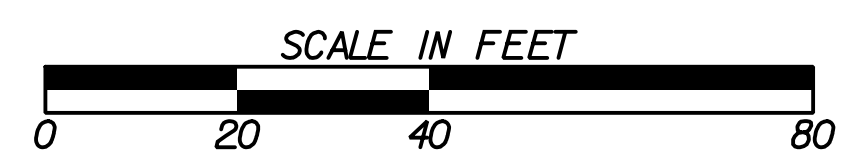
STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
 PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 20 OF 35  
 DRAWING No. **60-0020**

Curve\* 8  
PI Sta= 191+34.33  
N= 1262354.7895  
E= 692003.9739  
DELTA= 4°12'12.3" (RT)  
D= 0°28'38.87"  
T= 440.38  
L= 880.36  
R= 12000.00  
E= 8.08

(017)  
AUGUSTA  
TAX ID\* 0431001010  
DB 095, PG 954  
ALSO APPEARS ON 60-0018, 60-0019, & 60-0034



COORDINATES  
STA. 196+00.00: N = 1262347.77 E = 692469.99  
STA. 199+00.00: N = 1262343.25 E = 692769.95



PROPERTY AND EXISTING R/W LINE	— P —
REQUIRED R/W LINE	—
CONSTRUCTION LIMITS	— G — F —
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Cross-hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Diagonal-hatched Box]

BEGIN LIMIT OF ACCESS.....BLA	— o —
END LIMIT OF ACCESS.....ELA	— o —
EXISTING LIMIT OF ACCESS	— o —
REQ'D LIMIT OF ACCESS	— o —
EXISTING LIMIT OF ACCESS & R/W	— III —
REQ'D LIMIT OF ACCESS & R/W	— III —
ORANGE BARRIER FENCE	— ● —
ESA - ENV. SENSITIVE AREA	— ▽ —

DATE	REVISIONS	DATE	REVISIONS

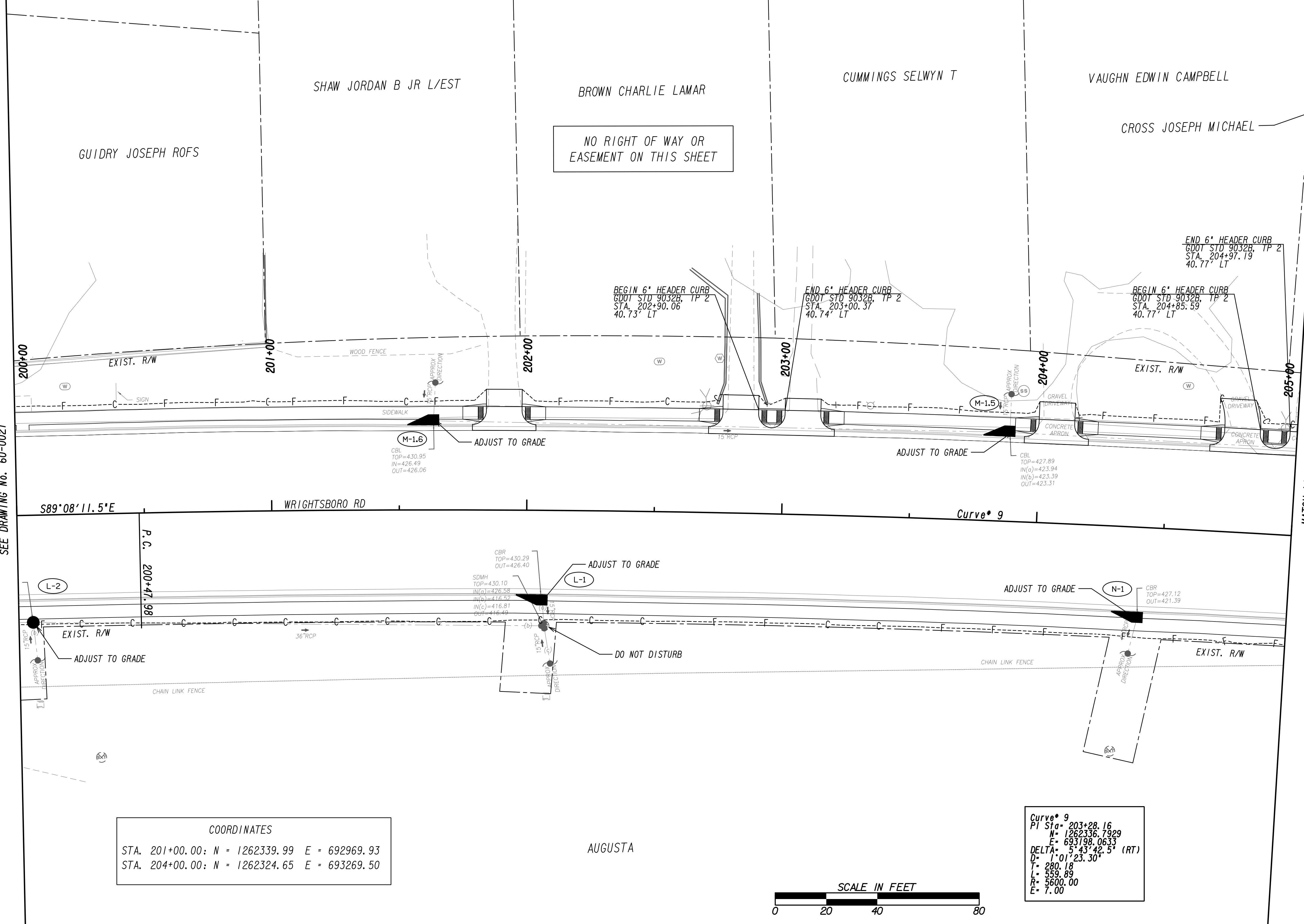
DATE	REVISIONS

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**

PROJECT NO: 20-TP-007  
COUNTY: RICHMOND  
LAND LOT NO:  
LAND DISTRICT:  
GMD: 600  
DATE 1/21/2022 SH 21 OF 35

DRAWING No.  
**60-0021**



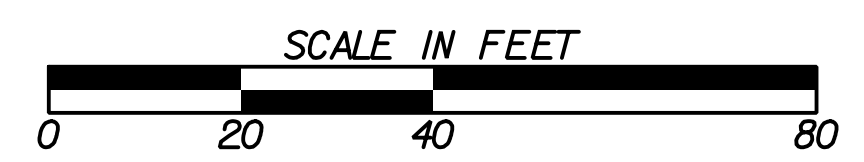


MATCH LINE STA. 200+00  
SEE DRAWING No. 60-0021

MATCH LINE STA. 205+00  
SEE DRAWING No. 60-0023

**COORDINATES**  
 STA. 201+00.00: N = 1262339.99 E = 692969.93  
 STA. 204+00.00: N = 1262324.65 E = 693269.50

**Curve\* 9**  
 PI Sta = 203+28.16  
 M = 1262336.7929  
 E = 693198.0633  
 DELTA = 5° 43' 42.5" (RT)  
 D = 1° 01' 23.30"  
 T = 280.18  
 L = 559.89  
 R = 5600.00  
 E = 7.00



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	---
EXISTING LIMIT OF ACCESS	---
REQ'D LIMIT OF ACCESS	---
EXISTING LIMIT OF ACCESS & R/W	---
REQ'D LIMIT OF ACCESS & R/W	---
ORANGE BARRIER FENCE	---
ESA - ENV. SENSITIVE AREA	---

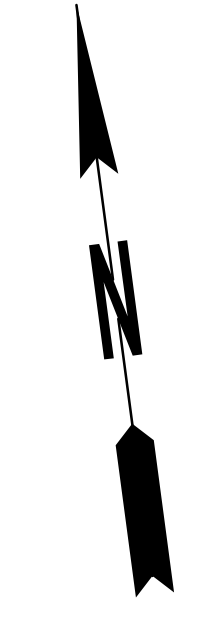
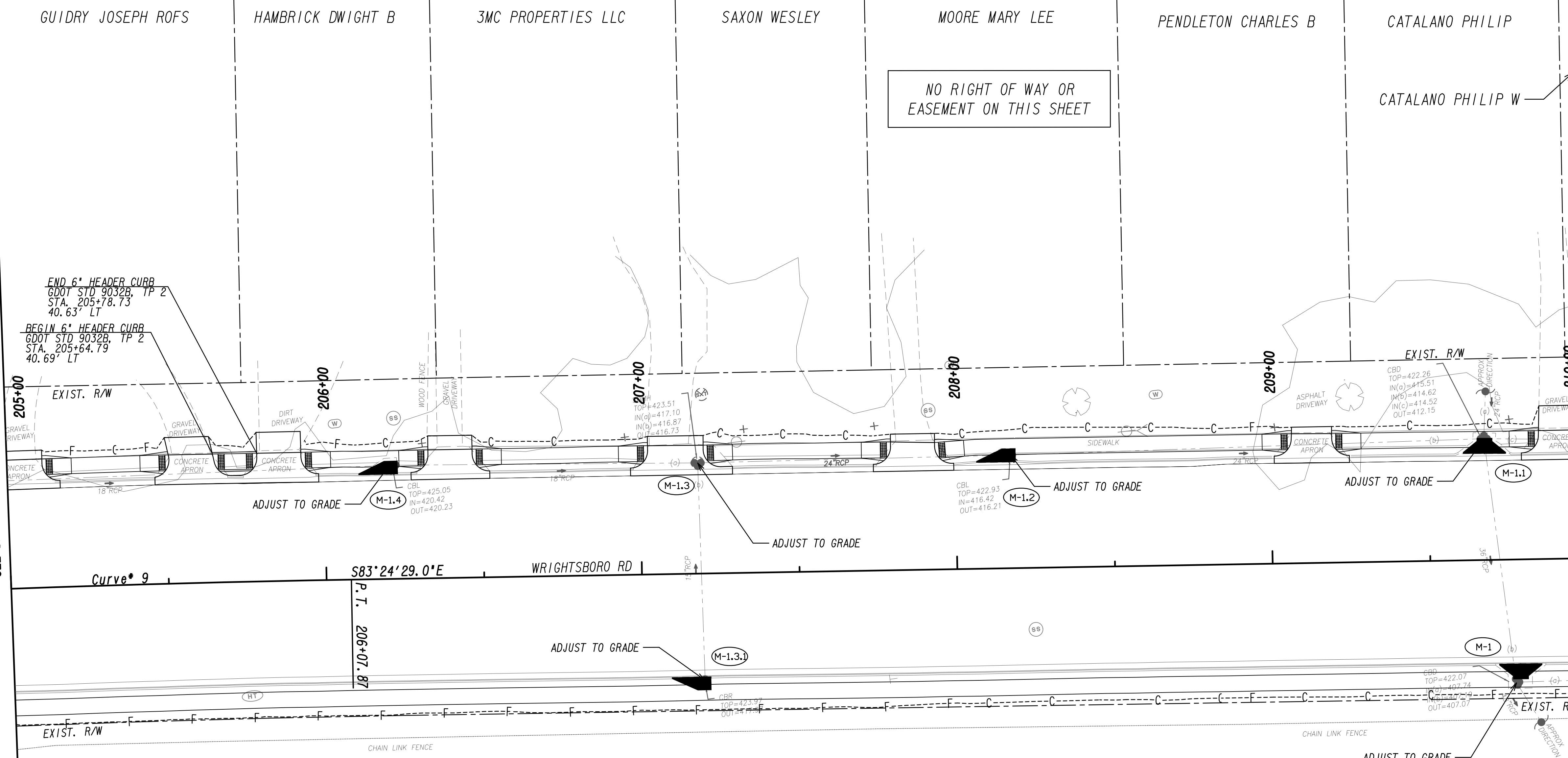
DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION

**RIGHT OF WAY MAP**

PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 22 OF 35

DRAWING No.  
**60-0022**



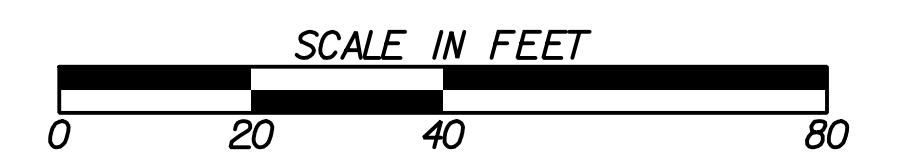
MATCH LINE STA. 205+00  
SEE DRAWING NO. 60-0022

MATCH LINE STA. 210+00  
SEE DRAWING NO. 60-0024

Curve\* 9  
S83°24'29.0"E  
P.T. 206+07.87

COORDINATES  
STA. 206+00.00: N = 1262305.53 E = 693468.57  
STA. 209+00.00: N = 1262271.09 E = 693766.59

AUGUSTA



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

BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

DATE	REVISIONS	DATE	REVISIONS

DATE	REVISIONS

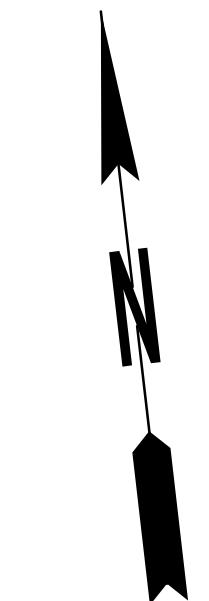
STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**

PROJECT NO: 20-TP-007  
COUNTY: RICHMOND  
LAND LOT NO:  
LAND DISTRICT:  
GMD: 600  
DATE 1/21/2022 SH 23 OF 35

DRAWING No.  
**60-0023**

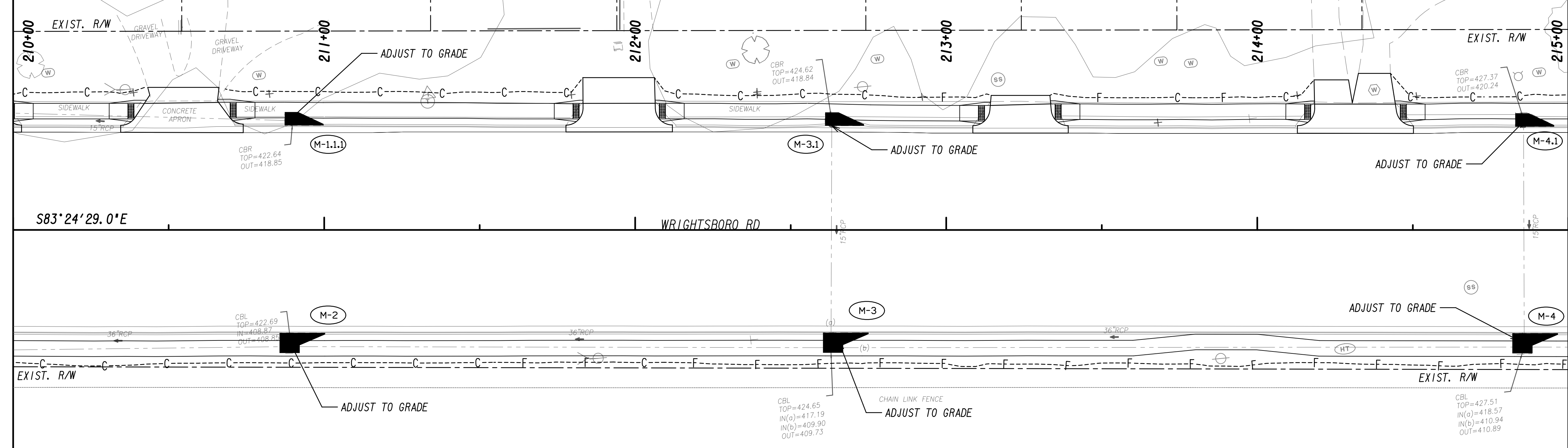
CATALANO PHILIP W RIBOCK JOHN BALLEW SARAH ANN HITT OTIS M ROPER STEPHEN WEATHERFORD WOLFE EUGENE S EDRY REGINA M WAHLERT DOUGLAS L

NO RIGHT OF WAY OR EASEMENT ON THIS SHEET



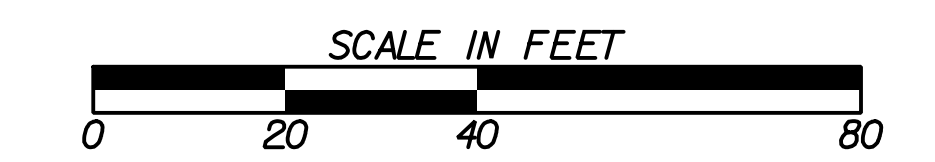
MATCH LINE STA. 210+00. SEE DRAWING No. 60-0023

MATCH LINE STA. 215+00. SEE DRAWING No. 60-0025



**COORDINATES**  
 STA. 211+00.00: N = 1262248.13 E = 693965.27  
 STA. 214+00.00: N = 1262213.69 E = 694263.28

AUGUSTA



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

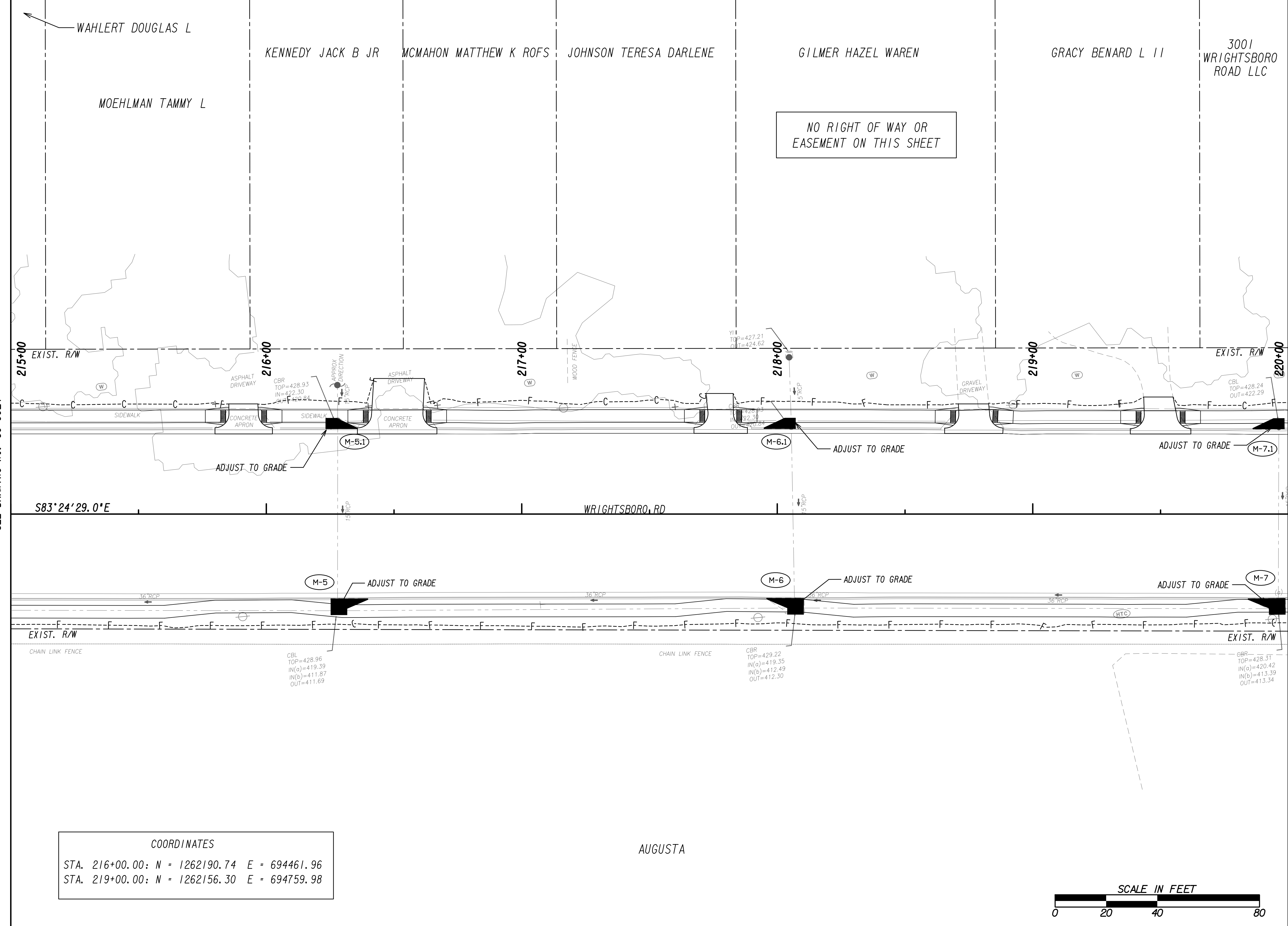
BEGIN LIMIT OF ACCESS.....BLA	
END LIMIT OF ACCESS.....ELA	
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

DATE	REVISIONS	DATE	REVISIONS

DATE	REVISIONS

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
 PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 24 OF 35

DRAWING No. **60-0024**

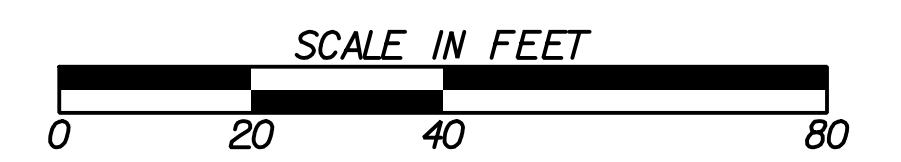


NO RIGHT OF WAY OR EASEMENT ON THIS SHEET

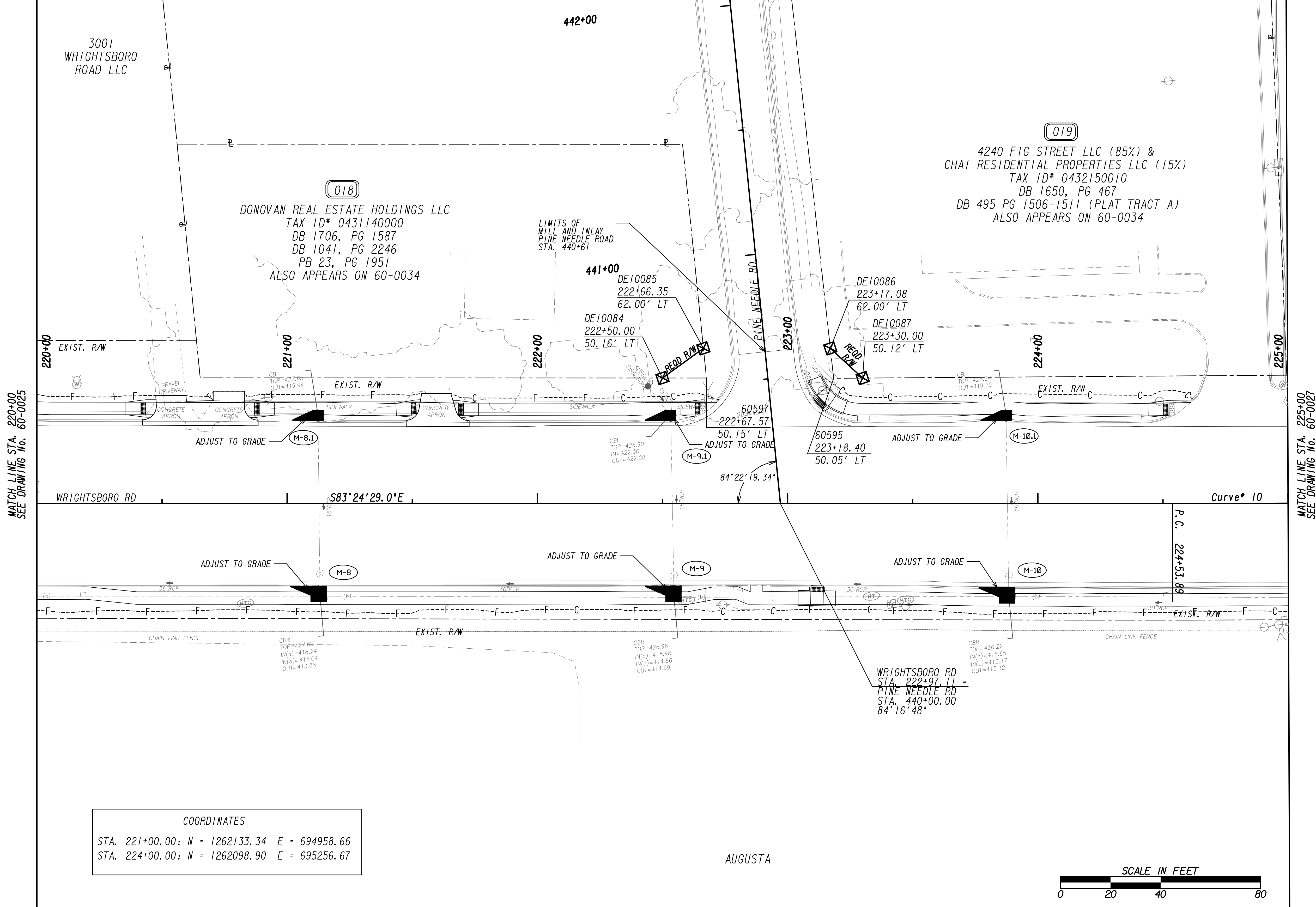
MATCH LINE STA. 215+00  
SEE DRAWING No. 60-0024

MATCH LINE STA. 220+00  
SEE DRAWING No. 60-0026

**COORDINATES**  
 STA. 216+00.00: N = 1262190.74 E = 694461.96  
 STA. 219+00.00: N = 1262156.30 E = 694759.98

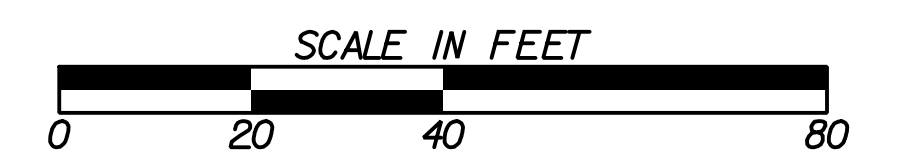


PROPERTY AND EXISTING R/W LINE REQUIRED R/W LINE CONSTRUCTION LIMITS EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES EASEMENT FOR CONSTR OF SLOPES EASEMENT FOR CONSTR OF DRIVES		BEGIN LIMIT OF ACCESS.....BLA END LIMIT OF ACCESS.....ELA EXISTING LIMIT OF ACCESS REQ'D LIMIT OF ACCESS EXISTING LIMIT OF ACCESS & R/W REQ'D LIMIT OF ACCESS & R/W ORANGE BARRIER FENCE ESA - ENV. SENSITIVE AREA	DATE	REVISIONS	DATE	REVISIONS	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION <b>RIGHT OF WAY MAP</b> PROJECT NO: 20-TP-007 COUNTY: RICHMOND LAND LOT NO: LAND DISTRICT: GMD: 600 DATE 1/21/2022 SH 25 OF 35
			DRAWING No. <b>60-0025</b>				

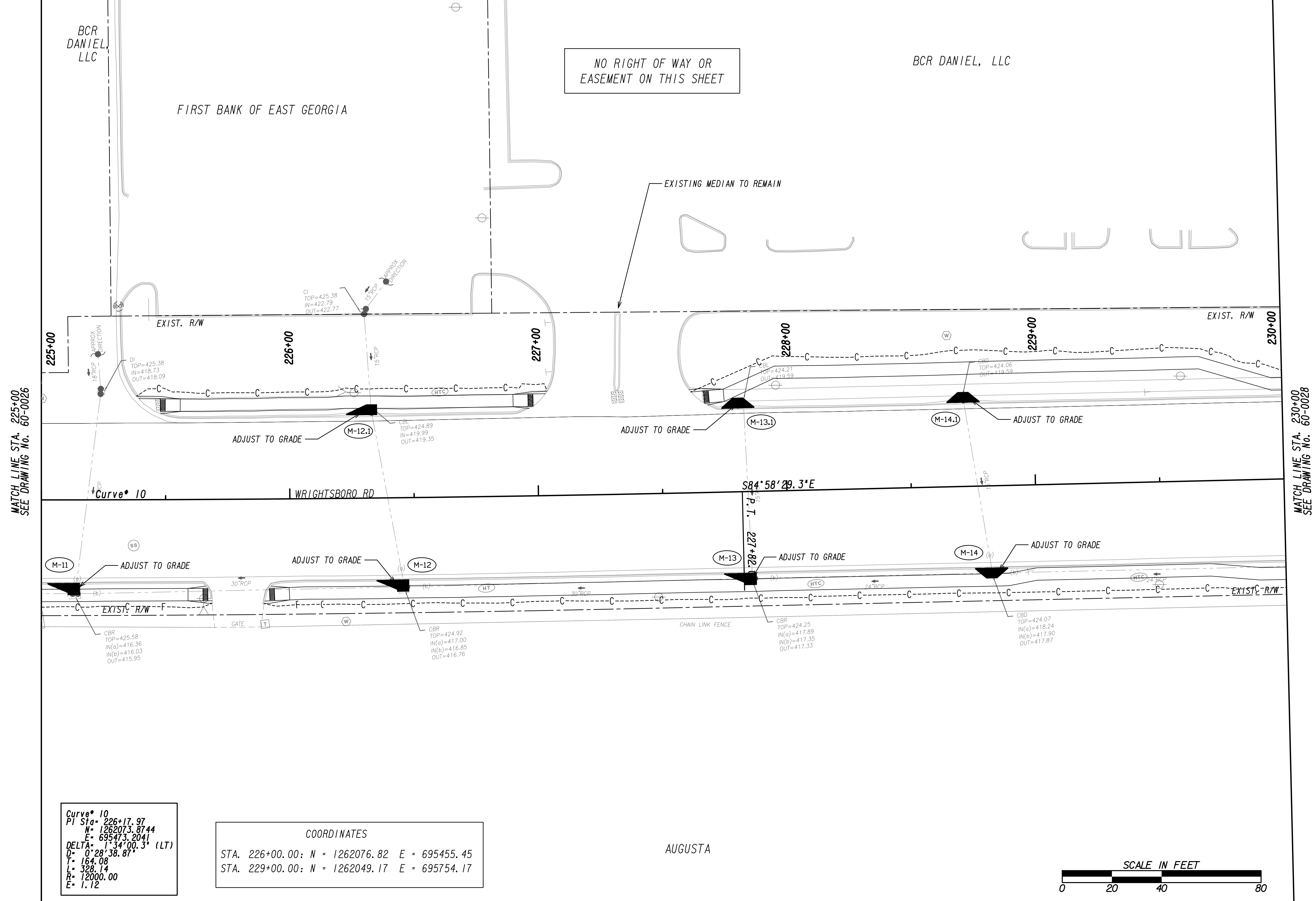


**COORDINATES**

STA. 221+00.00:	N = 1262133.34	E = 694958.66
STA. 224+00.00:	N = 1262098.90	E = 695256.67



PROPERTY AND EXISTING R/W LINE REQUIRED R/W LINE CONSTRUCTION LIMITS EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES EASEMENT FOR CONSTR OF SLOPES EASEMENT FOR CONSTR OF DRIVES		BEGIN LIMIT OF ACCESS.....BLA END LIMIT OF ACCESS.....ELA EXISTING LIMIT OF ACCESS REQ'D LIMIT OF ACCESS EXISTING LIMIT OF ACCESS & R/W REQ'D LIMIT OF ACCESS & R/W ORANGE BARRIER FENCE ESA - ENV. SENSITIVE AREA	DATE REVISIONS	DATE REVISIONS	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION <b>RIGHT OF WAY MAP</b> PROJECT NO: 20-TP-007 COUNTY: RICHMOND LAND LOT NO: LAND DISTRICT: GMD: 600 DATE 1/21/2022 SH 26 OF 35
		DRAWING No. <b>60-0026</b>			

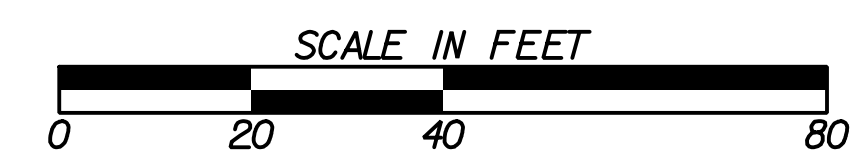


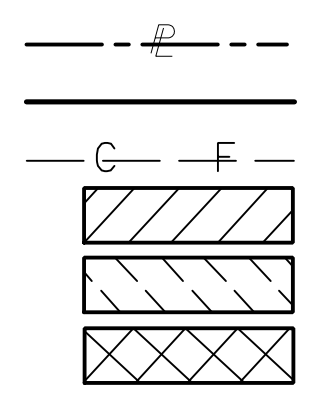
MATCH LINE STA. 225+00  
SEE DRAWING No. 60-0026

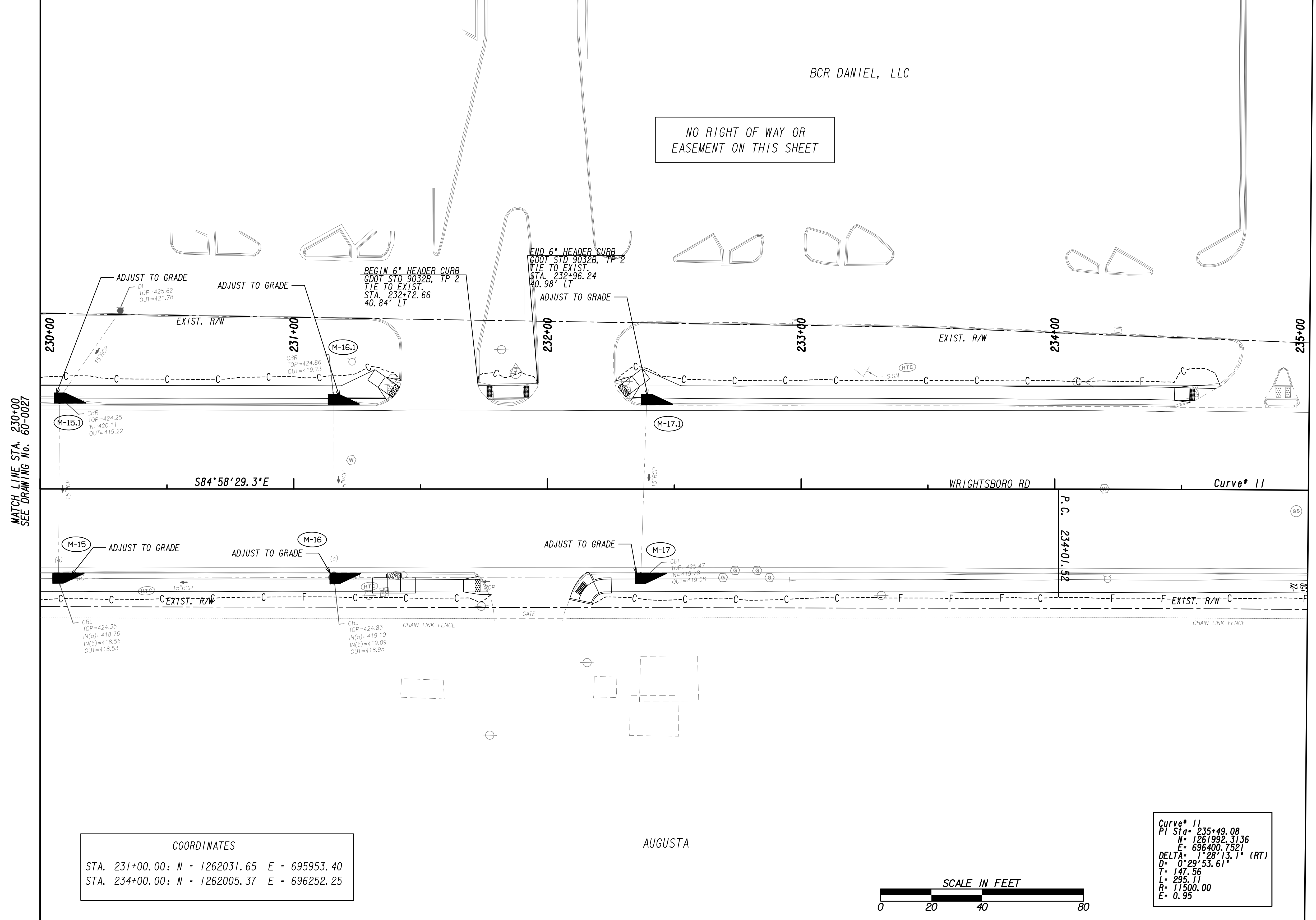
MATCH LINE STA. 230+00  
SEE DRAWING No. 60-0028

**Curve\* 10**  
 PI Sta= 226+17.97  
 N= 1262073.8744  
 E= 695473.2041  
 DELTA= 1°34'00.3" (LT)  
 D= 0°28'38.87"  
 T= 164.08  
 L= 328.14  
 R= 2000.00  
 E= 1.12

**COORDINATES**  
 STA. 226+00.00: N = 1262076.82 E = 695455.45  
 STA. 229+00.00: N = 1262049.17 E = 695754.17



PROPERTY AND EXISTING R/W LINE REQUIRED R/W LINE CONSTRUCTION LIMITS EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES EASEMENT FOR CONSTR OF SLOPES EASEMENT FOR CONSTR OF DRIVES		BEGIN LIMIT OF ACCESS.....BLA END LIMIT OF ACCESS.....ELA EXISTING LIMIT OF ACCESS REQ'D LIMIT OF ACCESS EXISTING LIMIT OF ACCESS & R/W REQ'D LIMIT OF ACCESS & R/W ORANGE BARRIER FENCE ESA - ENV. SENSITIVE AREA	DATE REVISIONS	DATE REVISIONS	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION <b>RIGHT OF WAY MAP</b> PROJECT NO: 20-TP-007 COUNTY: RICHMOND LAND LOT NO: LAND DISTRICT: GMD: 600 DATE 1/21/2022 SH 27 OF 35
		DRAWING No. <b>60-0027</b>			



NO RIGHT OF WAY OR EASEMENT ON THIS SHEET

MATCH LINE STA. 230+00  
SEE DRAWING No. 60-0027

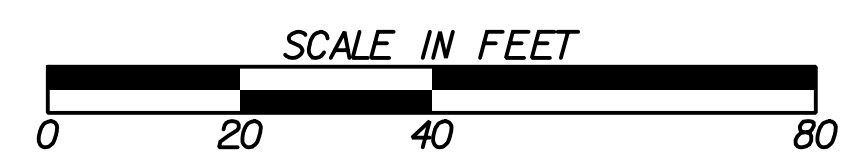
MATCH LINE STA. 235+00  
SEE DRAWING No. 60-0029

COORDINATES

STA. 231+00.00:	N = 1262031.65	E = 695953.40
STA. 234+00.00:	N = 1262005.37	E = 696252.25

Curve 11

PI Sta	= 235+49.08
N	= 1261992.3136
E	= 696400.7321
DELTA	= 1°28'13.1" (RT)
Q	= 0°29'53.61"
L	= 147.56
T	= 235.11
R	= 11500.00
E	= 0.95



PROPERTY AND EXISTING R/W LINE REQUIRED R/W LINE CONSTRUCTION LIMITS EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES EASEMENT FOR CONSTR OF SLOPES EASEMENT FOR CONSTR OF DRIVES		BEGIN LIMIT OF ACCESS.....BLA END LIMIT OF ACCESS.....ELA EXISTING LIMIT OF ACCESS REQ'D LIMIT OF ACCESS EXISTING LIMIT OF ACCESS & R/W REQ'D LIMIT OF ACCESS & R/W ORANGE BARRIER FENCE ESA - ENV. SENSITIVE AREA	DATE REVISIONS	DATE REVISIONS	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION <b>RIGHT OF WAY MAP</b> PROJECT NO: 20-TP-007 COUNTY: RICHMOND LAND LOT NO: LAND DISTRICT: GMD: 600 DATE 1/21/2022 SH 28 OF 35
		DRAWING No. <b>60-0028</b>			

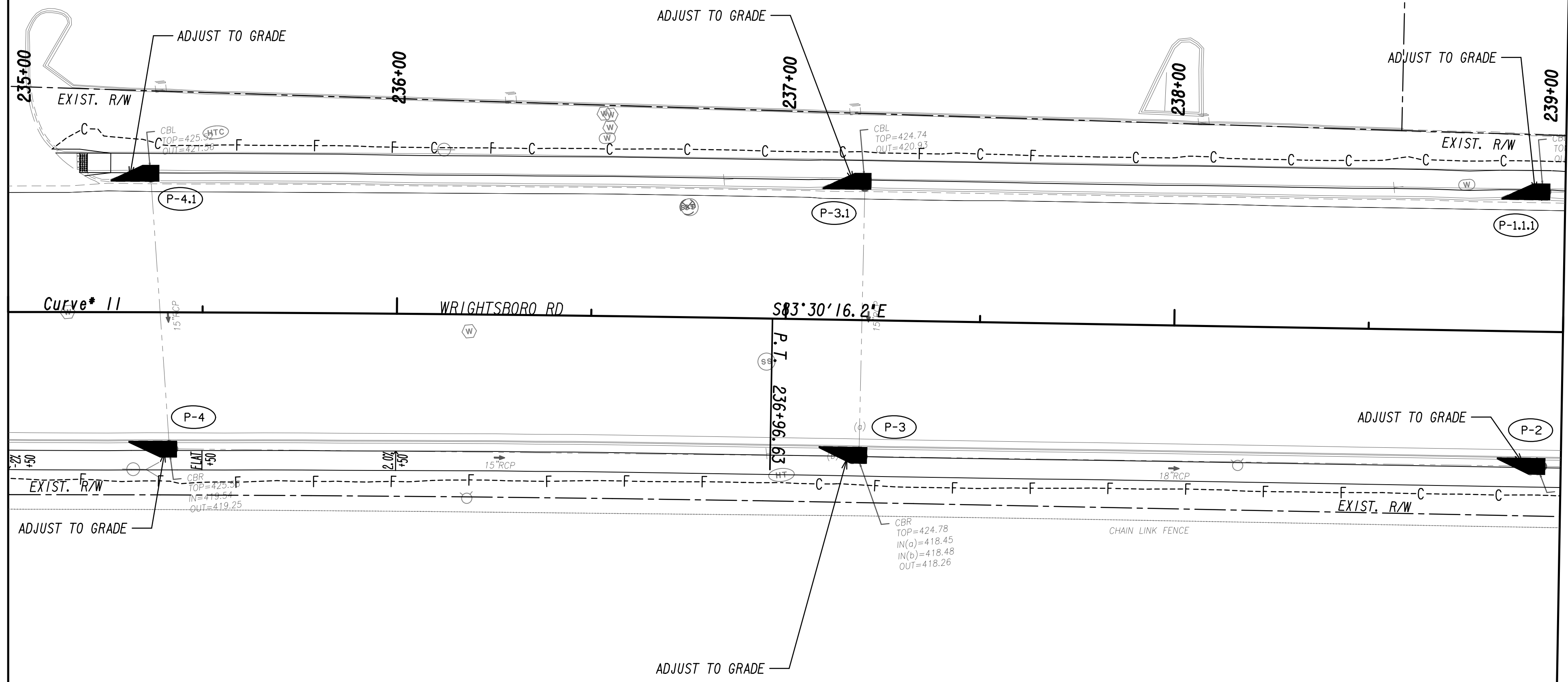
BCR DANIEL, LLC

NO RIGHT OF WAY OR EASEMENT ON THIS SHEET



MATCH LINE STA. 235+00  
SEE DRAWING No. 60-0028

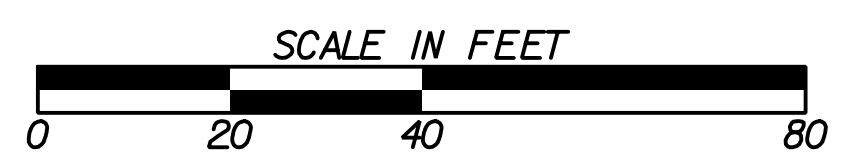
MATCH LINE STA. 239+00  
SEE DRAWING No. 60-0030



Curve 11  
PI Sta= 235+49.08  
N= 1261992.3136  
E= 696400.7521  
DELTA= 112°28'13.1" (RT)  
D= 0'29'53.61"  
T= 147.56  
L= 295.11  
R= 11500.00  
E= 0.95

COORDINATES  
STA. 236+00.00: N = 1261986.15 E = 696451.32  
STA. 238+00.00: N = 1261963.93 E = 696650.08

AUGUSTA



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

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
EXISTING LIMIT OF ACCESS	---ooo---
REQ'D LIMIT OF ACCESS	---ooo---
EXISTING LIMIT OF ACCESS & R/W	---   ---
REQ'D LIMIT OF ACCESS & R/W	---   ---
ORANGE BARRIER FENCE	---●●●---
ESA - ENV. SENSITIVE AREA	---▲▲▲---

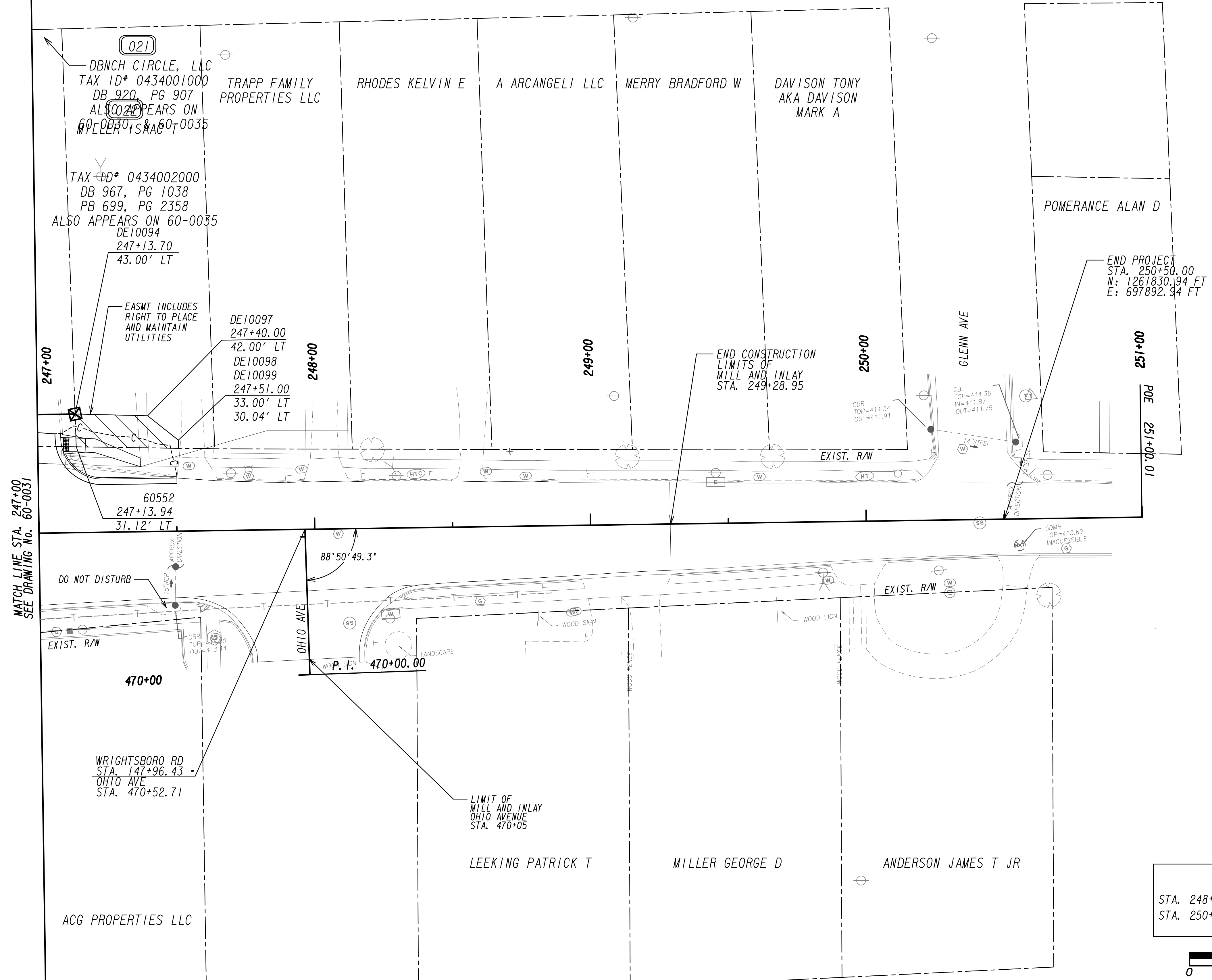
DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
PROJECT NO: 20-TP-007  
COUNTY: RICHMOND  
LAND LOT NO:  
LAND DISTRICT:  
GMD: 600  
DATE 1/21/2022 SH 29 OF 35  
DRAWING No. **60-0029**









MATCH LINE STA. 247+00  
SEE DRAWING No. 60-0031

COORDINATES  
 STA. 248+00.00: N = 1261854.94 E = 697644.10  
 STA. 250+50.00: N = 1261830.94 E = 697892.94



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	
EXISTING LIMIT OF ACCESS	
REQ'D LIMIT OF ACCESS	
EXISTING LIMIT OF ACCESS & R/W	
REQ'D LIMIT OF ACCESS & R/W	
ORANGE BARRIER FENCE	
ESA - ENV. SENSITIVE AREA	

DATE	REVISIONS	DATE	REVISIONS

STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**

PROJECT NO: 20-TP-007  
 COUNTY: RICHMOND  
 LAND LOT NO:  
 LAND DISTRICT:  
 GMD: 600  
 DATE 1/21/2022 SH 32 OF 35

DRAWING No.  
**60-0032**

**(001)**  
S D HOLDINGS LLC  
PARCEL APPEARS ON 60-0004

TESMT - PAR 01/SV93 EASMT FOR CONSTRUCTION DE1000  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
DE10000	45.52 R	111+62.00	Wrightsboro Rd
185	45.60 R	111+97.86	Wrightsboro Rd
DE10002	50.00 R	112+01.94	Wrightsboro Rd
DE10001	50.00 R	111+65.00	Wrightsboro Rd
DE10000	45.52 R	111+62.00	Wrightsboro Rd
REQD EASMT AREA = 161.33 SF			

**(002)**  
SECURITY LAND & DEVELOPMENT CORPORATION  
PARCEL APPEARS ON 60-0004

TESMT - PAR02/SV94 EASMT FOR CONSTRUCTION DE1001  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
186	49.84 R	112+80.54	Wrightsboro Rd
DE10005	49.83 R	113+50.00	Wrightsboro Rd
DE10004	55.00 R	113+50.00	Wrightsboro Rd
DE10003	55.00 R	112+78.20	Wrightsboro Rd
186	49.84 R	112+80.54	Wrightsboro Rd
REQD EASMT AREA = 364.78 SF			

**(003)**  
SUSAN B. KELLEY TRUSTEE  
PARCEL APPEARS ON 60-0005

TESMT - PAR03/SV19 EASMT FOR CONSTRUCTION DE1002  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
60797	49.29 L	118+41.74	Wrightsboro Rd
DE10006	57.00 L	118+41.37	Wrightsboro Rd
DE10007	57.00 L	118+63.00	Wrightsboro Rd
DE10008	49.23 L	118+02.05	Wrightsboro Rd
DE10009	55.00 L	119+00.00	Wrightsboro Rd
DE10010	55.00 L	119+40.00	Wrightsboro Rd
DE10011	63.00 L	119+49.93	Wrightsboro Rd
233	48.39 L	119+51.10	Wrightsboro Rd
60797	49.29 L	118+41.74	Wrightsboro Rd
REQD EASMT AREA = 705.40 SF			

**(004)**  
DARLENE F. REEVES  
PARCEL APPEARS ON 60-0005 & 60-0006

TESMT - PAR04/SV20 EASMT FOR CONSTRUCTION DE1003  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
190	48.72 L	120+00.88	Wrightsboro Rd
DE10012	55.00 L	120+00.37	Wrightsboro Rd
DE10013	55.00 L	121+11.13	Wrightsboro Rd
222	49.44 L	121+11.58	Wrightsboro Rd
190	48.72 L	120+00.88	Wrightsboro Rd
REQD EASMT AREA = 655.38 SF			

**(005)**  
SHIRLEY MILLER  
PARCEL APPEARS ON 60-0006

TESMT - PAR05/SV21 EASMT FOR CONSTRUCTION DE1004  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
222	49.44 L	121+11.58	Wrightsboro Rd
DE10013	55.00 L	121+11.13	Wrightsboro Rd
DE10014	57.00 L	121+50.00	Wrightsboro Rd
DE10015	51.48 L	121+50.00	Wrightsboro Rd
222	49.44 L	121+11.58	Wrightsboro Rd
REQD EASMT AREA = 211.47 SF			

**(006)**  
COASTAL RESTAURANT HOLDINGS INC  
PARCEL APPEARS ON 60-0007

TESMT - PAR 06/SV104 EASMT FOR CONSTRUCTION DE1005  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
DE10016	47.18 R	129+07.00	Wrightsboro Rd
DE10019	49.02 R	129+57.00	Wrightsboro Rd
DE10018	51.00 R	129+57.00	Wrightsboro Rd
DE10017	50.00 R	129+07.00	Wrightsboro Rd
DE10016	47.18 R	129+07.00	Wrightsboro Rd
REQD EASMT AREA = 118.18 SF			

**(007)**  
PAK PROPERTIES INC  
PARCEL APPEARS ON 60-0011

TESMT - PAR07/SV36 EASMT FOR CONSTRUCTION DE1006  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
DE10020	49.90 L	148+08.00	Wrightsboro Rd
DE10021	55.00 L	148+08.00	Wrightsboro Rd
DE10022	55.00 L	149+22.03	Wrightsboro Rd
DE10023	48.79 L	149+22.00	Wrightsboro Rd
DE10020	49.90 L	148+08.00	Wrightsboro Rd
REQD EASMT AREA = 644.97 SF			

**(008)**  
AUGUSTA GREEN INC  
PARCEL APPEARS ON 60-0011

TESMT - PAR08/SV118 EASMT FOR CONSTRUCTION DE1007  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
224	47.42 R	147+70.86	Wrightsboro Rd
225	48.65 R	149+19.75	Wrightsboro Rd
DE10025	54.00 R	149+20.63	Wrightsboro Rd
DE10024	54.00 R	147+71.96	Wrightsboro Rd
223	49.59 R	147+71.22	Wrightsboro Rd
224	47.42 R	147+70.86	Wrightsboro Rd
REQD EASMT AREA = 886.86 SF			

**(009)**  
CRESTMONT CAPITAL AUGUSTA, LLC  
PARCEL APPEARS ON 60-0011, 60-0012, & 60-0013

TESMT - PAR09/SV116 EASMT FOR CONSTRUCTION DE1009  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
DE10035	58.00 R	151+92.84	Wrightsboro Rd
228	47.19 R	152+03.59	Wrightsboro Rd
DE10037	51.04 R	156+20.00	Wrightsboro Rd
DE10036	60.00 R	156+20.00	Wrightsboro Rd
DE10035	58.00 R	151+92.84	Wrightsboro Rd
REQD EASMT AREA = 4173.98 SF			

**(010)**  
A+ FINANCIAL SERVICES INC  
PARCEL APPEARS ON 60-0011 & 60-0012

DWESMT - PAR 09/SV116 EASMT FOR CONSTRUCTION DE1008  
OF DRIVES

PNT	OFFSET/	STATION/	ALIGNMENT
226	47.18 R	151+39.53	Wrightsboro Rd
227	61.92 R	151+88.95	Wrightsboro Rd
DE10038	62.00 R	151+39.00	Wrightsboro Rd
226	47.18 R	151+39.53	Wrightsboro Rd
REQD EASMT AREA = 372.37 SF			

**(011)**  
LEE HYE JA  
PARCEL APPEARS ON 60-0012

TESMT - PAR10/SV37 EASMT FOR CONSTRUCTION DE1010  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
60698	48.41 L	149+60.62	Wrightsboro Rd
DE10026	52.00 L	149+60.67	Wrightsboro Rd
DE10027	52.00 L	150+17.00	Wrightsboro Rd
DE10028	47.80 L	150+17.00	Wrightsboro Rd
60698	48.41 L	149+60.62	Wrightsboro Rd
REQD EASMT AREA = 218.70 SF			

**(012)**  
RHOADES ROBERT B MD  
PARCEL APPEARS ON 60-0012

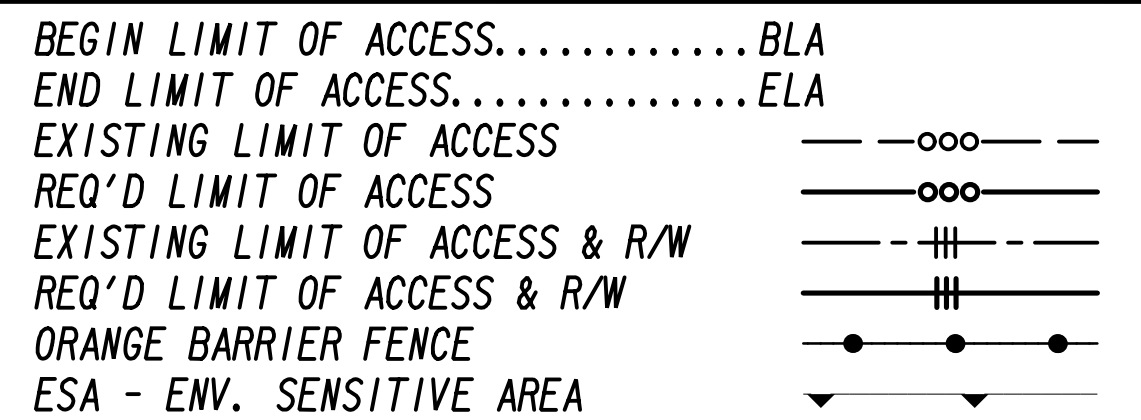
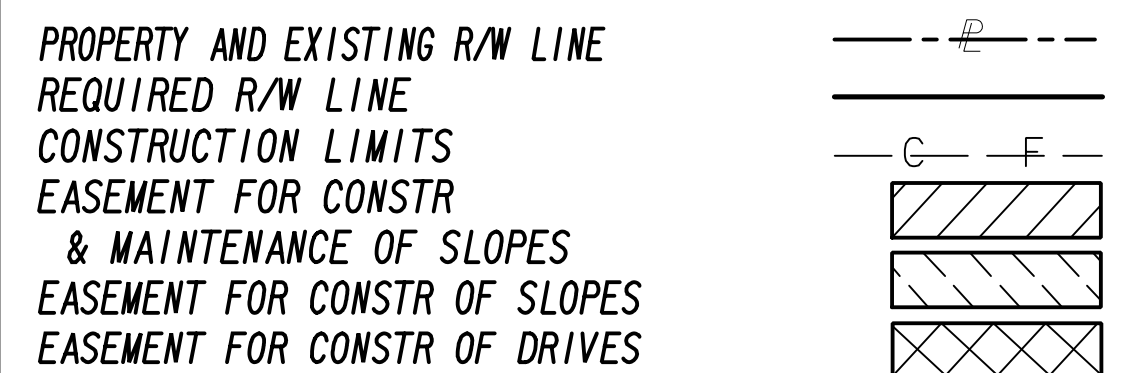
TESMT - PAR11/SV38 EASMT FOR CONSTRUCTION DE1011  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
DE10029	46.13 L	151+11.00	Wrightsboro Rd
DE10030	53.00 L	151+11.00	Wrightsboro Rd
DE10031	52.00 L	151+53.71	Wrightsboro Rd
60695	45.08 L	151+53.91	Wrightsboro Rd
DE10029	46.13 L	151+11.00	Wrightsboro Rd
REQD EASMT AREA = 293.49 SF			

**(013)**  
TRUSTEES OF THE MASONIC H  
PARCEL APPEARS ON 60-0012 & 60-0013

TESMT - PAR13/SV43 EASMT FOR CONSTRUCTION DE1013  
OF SLOPES

PNT	OFFSET/	STATION/	ALIGNMENT
DE10039	49.16 L	155+28.00	Wrightsboro Rd
DE10040	55.00 L	155+28.00	Wrightsboro Rd
DE10041	55.00 L	157+68.54	Wrightsboro Rd
60500	48.73 L	157+68.80	Wrightsboro Rd
DE10039	49.16 L	155+28.00	Wrightsboro Rd
REQD EASMT AREA = 1461.66 SF			



DATE	REVISIONS	DATE	REVISIONS
3/8/22	PAR 9 - ADDED DWESMT AREA		
8/4/22	PAR 3 - CHANGED TO TESMT AREA		

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**  
PROJECT NO: 20-TP-007  
COUNTY: RICHMOND  
LAND LOT NO:  
LAND DISTRICT:  
GMD: 600  
DATE 1/21/2022 SH 33 OF 35

DRAWING No.  
**60-0033**

**014**  
BOARD OF REGENTS OF THE UNIVERSITY  
PARCEL APPEARS ON 60-0013, 60-0014, 60-0015, 60-0016, 60-0017, 60-0018, 60-0019, & 60-0020

REQ'D R/W - PAR14/SV89 REQ'D R/W DE1014

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10048	48.81 L	165+10.00	Wrightsboro Rd
	4.19	N 3°25'36.9" W	
DE10049	53.00 L	165+10.00	Wrightsboro Rd
	6.71	N 60°00'28.9" E	
DE10047	56.00 L	165+16.00	Wrightsboro Rd
	20.12	N 60°00'28.9" E	
DE10050	65.00 L	165+34.00	Wrightsboro Rd
	13.00	N 3°25'36.9" W	
DE10051	78.00 L	165+34.00	Wrightsboro Rd
	66.00	N 86°34'23.1" E	
DE10052	78.00 L	166+00.00	Wrightsboro Rd
	25.72	S 49°01'05.6" E	
DE10053	60.00 L	166+18.38	Wrightsboro Rd
	7.15	S 49°01'03.3" E	
DE10054	55.00 L	166+23.48	Wrightsboro Rd
	83.52	N 86°34'23.1" E	
DE10055	55.00 L	167+07.00	Wrightsboro Rd
	18.17	S 72°43'16.5" E	
DE10056	48.57 L	167+24.00	Wrightsboro Rd
	180.80	S 86°37'51.9" W	
60493	48.76 L	165+43.20	Wrightsboro Rd
	33.20	S 86°39'44.0" W	
DE10048	48.81 L	165+10.00	Wrightsboro Rd
REQD R/W	= 3181.02 SF		
REQD R/W	= 0.073 ACRES		
REMAINDER	= +/- 217.5 ACRES		

**PESMT - PAR14/SV89 EASMT FOR CONSTR. DE1015 & MAINT. OF SLOPES.**

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
60500	48.73 L	157+68.80	Wrightsboro Rd
	6.28	N 7°12'27.0" W	
DE10041	55.00 L	157+68.54	Wrightsboro Rd
	210.62	N 85°28'01.2" E	
DE10044	56.00 L	159+78.00	Wrightsboro Rd
	159.23	N 86°32'34.5" E	
DE10046	56.00 L	161+37.00	Wrightsboro Rd
	43.00	N 86°34'23.2" E	
DE10100	56.00 L	161+80.00	Wrightsboro Rd
	7.02	S 3°25'36.9" E	
DE10101	48.98 L	161+80.00	Wrightsboro Rd
	104.29	S 86°34'11.7" W	
60496	48.98 L	160+75.71	Wrightsboro Rd
	98.21	S 86°12'15.8" W	
60497	48.43 L	159+77.70	Wrightsboro Rd
	95.07	S 85°57'15.4" W	
60498	48.24 L	158+83.09	Wrightsboro Rd
	68.84	S 85°27'03.1" W	
60499	48.07 L	158+14.58	Wrightsboro Rd
	46.00	S 86°05'36.6" W	
60500	48.73 L	157+68.80	Wrightsboro Rd
REQD EASMT	= 2894.12 SF		
REQD EASMT	= 0.066 ACRES		

**TESMT 1 - PAR14/SV89 EASMT FOR CONSTRUCTION DE1016 OF SLOPES**

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10053	60.00 L	166+18.38	Wrightsboro Rd
DE10057	60.00 L	167+15.00	Wrightsboro Rd
DE10058	48.57 L	167+33.70	Wrightsboro Rd
60492	48.57 L	167+25.64	Wrightsboro Rd
DE10056	48.57 L	167+24.00	Wrightsboro Rd
DE10035	55.00 L	167+07.00	Wrightsboro Rd
DE10054	55.00 L	166+23.48	Wrightsboro Rd
DE10053	60.00 L	166+18.38	Wrightsboro Rd
REQD EASMT AREA	= 573.86 SF		

**014 (CONT'D)**  
BOARD OF REGENTS OF THE UNIVERSITY  
PARCEL APPEARS ON 60-0013, 60-0014, 60-0015, 60-0016, 60-0017, 60-0018, 60-0019, & 60-0020

TESMT 2 - PAR14/SV89 EASMT FOR CONSTRUCTION DE1017 OF SLOPES

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10058	48.57 L	167+33.70	Wrightsboro Rd
DE10059	60.00 L	167+50.00	Wrightsboro Rd
DE10060	60.00 L	168+00.00	Wrightsboro Rd
DE10061	48.51 L	168+00.00	Wrightsboro Rd
DE10058	48.57 L	167+33.70	Wrightsboro Rd
REQD EASMT AREA	= 666.78 SF		

**TESMT 3 - PAR14/SV89 EASMT FOR CONSTRUCTION DE1018 OF SLOPES**

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10070	47.97 L	189+51.00	Wrightsboro Rd
DE10071	56.00 L	189+51.00	Wrightsboro Rd
DE10073	56.00 L	189+72.93	Wrightsboro Rd
60477	47.94 L	189+72.58	Wrightsboro Rd
DE10070	47.97 L	189+51.00	Wrightsboro Rd
REQD EASMT AREA	= 175.80 SF		

**TESMT 4 - PAR14/SV89 EASMT FOR CONSTRUCTION DE1031 OF SLOPES**

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10101	48.98 L	161+80.00	Wrightsboro Rd
DE10100	56.00 L	161+80.00	Wrightsboro Rd
DE10047	56.00 L	165+16.00	Wrightsboro Rd
DE10049	53.00 L	165+10.00	Wrightsboro Rd
DE10048	48.81 L	165+10.00	Wrightsboro Rd
60494	48.94 L	164+28.08	Wrightsboro Rd
60495	48.99 L	162+51.09	Wrightsboro Rd
DE10101	48.98 L	161+80.00	Wrightsboro Rd
REQD EASMT AREA	= 2337.28 SF		

TOTAL AREA FOR EASMT FOR CONSTRUCTION OF SLOPES: 3753.72 SF

**015**  
CRESTMONT CAPITAL AUGUSTA, LLC  
PARCEL APPEARS ON 60-0013, 60-0014 & 60-0015

DWESMT - PAR15/SV120 EASMT FOR CONSTRUCTION DE1019 OF DRIVES

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10062	51.30 R	161+45.00	Wrightsboro Rd
DE10065	51.06 R	162+00.00	Wrightsboro Rd
DE10064	67.00 R	162+00.00	Wrightsboro Rd
DE10063	67.00 R	161+45.00	Wrightsboro Rd
DE10062	51.30 R	161+45.00	Wrightsboro Rd
REQD ESMT AREA	= 869.92 SF		

**016**  
CSA AUGUSTA, LLC  
PARCEL APPEARS ON 60-0016 & 60-0017

DWESMT - PAR16/SV45 EASMT FOR CONSTRUCTION DE1020 OF DRIVES

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10066	48.93 L	173+01.00	Wrightsboro Rd
DE10067	76.00 L	173+01.00	Wrightsboro Rd
DE10068	76.00 L	173+47.00	Wrightsboro Rd
DE10069	48.97 L	173+47.00	Wrightsboro Rd
DE10066	48.93 L	173+01.00	Wrightsboro Rd
REQD ESMT AREA	= 1244.47 SF		

**017**  
AUGUSTA  
PARCEL APPEARS ON 60-0019, 60-0020 & 60-0021

REQ'D R/W - PAR17/SV44 REQ'D R/W DE1021

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10076	45.41 L	190+88.00	Wrightsboro Rd
	27.35	N 42°50'24.2" E	
DE10075	65.00 L	191+07.00	Wrightsboro Rd
	50.27	N 88°45'05.7" E	
DE10077	65.00 L	191+57.00	Wrightsboro Rd
	27.53	S 42°08'28.8" E	
DE10078	44.24 L	191+75.00	Wrightsboro Rd
	87.33	S 89°30'57.8" W	
DE10076	45.41 L	190+88.00	Wrightsboro Rd
REQD R/W	= 1392.00 SF		
REQD R/W	= 0.032 ACRES		
REMAINDER	= +/- 7.86 ACRES		

**TESMT 1 - PAR17/SV44 EASMT FOR CONSTRUCTION DE1022 OF SLOPES**

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
60477	47.94 L	189+72.58	Wrightsboro Rd
DE10073	55.93 L	189+72.93	Wrightsboro Rd
DE10074	56.00 L	190+80.00	Wrightsboro Rd
DE10075	65.00 L	191+07.00	Wrightsboro Rd
DE10076	45.41 L	190+88.00	Wrightsboro Rd
60477	47.94 L	189+72.58	Wrightsboro Rd
REQD EASMT AREA	= 1215.41 SF		

**TESMT 2 - PAR17/SV44 EASMT FOR CONSTRUCTION DE1023 OF SLOPES**

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10078	44.24 L	191+75.00	Wrightsboro Rd
DE10077	65.00 L	191+57.00	Wrightsboro Rd
DE10079	55.00 L	191+96.00	Wrightsboro Rd
DE10080	53.00 L	193+50.00	Wrightsboro Rd
DE10081	50.00 L	194+00.00	Wrightsboro Rd
DE10082	50.00 L	195+00.00	Wrightsboro Rd
DE10083	45.47 L	195+00.00	Wrightsboro Rd
DE10078	44.24 L	191+75.00	Wrightsboro Rd
REQD EASMT AREA	= 2886.83 SF		

**TESMT 3 - PAR17/SV44 EASMT FOR CONSTRUCTION DE1024 OF SLOPES**

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
60666	43.89 L	196+54.24	Wrightsboro Rd
60667	48.90 L	196+55.22	Wrightsboro Rd
230	49.06 L	196+84.22	Wrightsboro Rd
60665	44.05 L	196+83.24	Wrightsboro Rd
60666	43.89 L	196+54.24	Wrightsboro Rd
REQD EASMT AREA	= 145.02 SF		

**018**  
DONOVAN REAL ESTATE HOLDINGS LLC  
PARCEL APPEARS ON 60-0026

REQ'D R/W - PAR18/SV74 REQ'D R/W DE1025

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10084	50.16 L	222+50.00	Wrightsboro Rd
	20.19	N 60°40'37.4" E	
DE10085	62.00 L	222+66.35	Wrightsboro Rd
	11.91	S 0°44'56.9" W	
60597	50.15 L	222+67.57	Wrightsboro Rd
	17.57	N 83°23'36.4" W	
DE10084	50.16 L	222+50.00	Wrightsboro Rd
REQD R/W	= 104.07 SF		
REQD R/W	= 0.002 ACRES		
REMAINDER	= +/- 0.43 ACRES		

**019**  
4240 FIG STREET LLC (85%) & CHAI RESIDENTIAL PROPERTIES LLC (15%)  
PARCEL APPEARS ON 60-0026

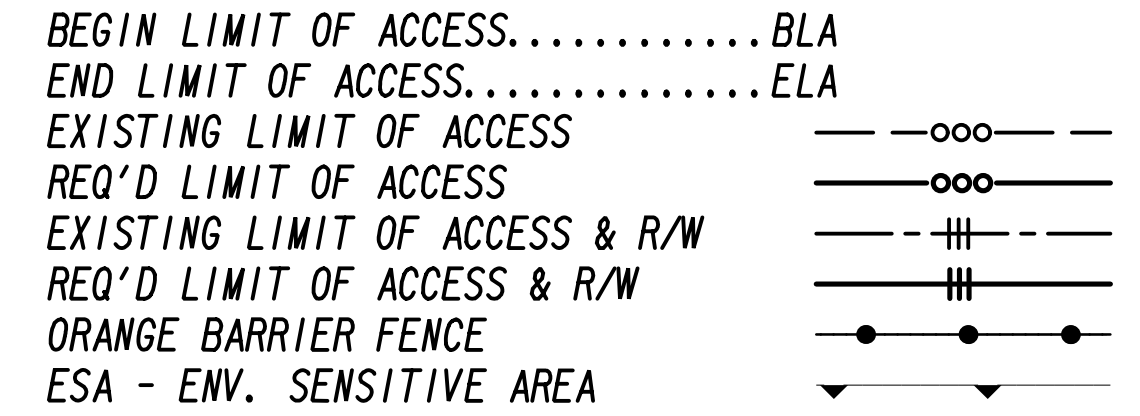
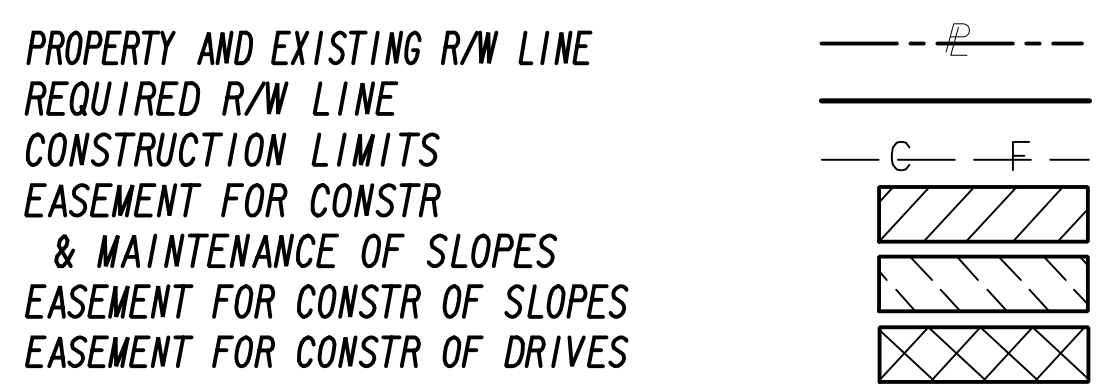
REQ'D R/W - PAR19/SV75 REQ'D R/W DE1026

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
60595	50.05 L	223+18.40	Wrightsboro Rd
	12.03	N 0°16'15.5" E	
DE10086	62.00 L	223+17.08	Wrightsboro Rd
	17.55	S 40°49'39.3" E	
DE10087	50.12 L	223+30.00	Wrightsboro Rd
	11.60	N 83°47'48.1" W	
60595	50.05 L	223+18.40	Wrightsboro Rd
REQD R/W	= 69.39 SF		
REQD R/W	= 0.002 ACRES		
REMAINDER	= +/- 1.04 ACRES		

**020**  
AUGUSTA  
PARCEL APPEARS ON 60-0030 & 60-0031

REQ'D R/W - PAR20/SV79 REQ'D R/W DE1027

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10088	51.27 L	244+10.00	Wrightsboro Rd
	31.25	N 70°26'29.0" E	
DE10089	65.00 L	244+38.08	Wrightsboro Rd
ARC LENGTH	= 15.30		
CHORD BEAR	= S 32°49'36.4" W		
LNTH CHORD	= 15.30		
RADIUS	= 512.04		
DEGREE	= 11°11'22.9"		
60562	51.29 L	244+31.29	Wrightsboro Rd
	21.29	N 83°32'35.8" W	
DE10088	51.27 L	244+10.00	Wrightsboro Rd
REQD R/W	= 146.49 SF		
REQD R/W	= 0.003 ACRES		
REMAINDER	= +/- 6.78 ACRES		



DATE	REVISIONS	DATE	REVISIONS
3/8/22	PAR 15 & 16- ADDED DWESMT AREA		

DATE	REVISIONS

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
**RIGHT OF WAY MAP**

PROJECT NO: 20-TP-007  
COUNTY: RICHMOND  
LAND LOT NO:  
LAND DISTRICT:  
GMD: 600  
DATE 1/21/2022 SH 34 OF 35

DRAWING No.  
**60-0034**

(021)  
DBNCH CIRCLE, LLC  
PARCEL APPEARS ON 60-0031 & 60-0032

REQ'D R/W - PAR21/SV80      REQ'D R/W DE1028

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10090	72.00 L	245+20.23	Wrightsboro Rd
	34.25	S 43°53'11.8" E	
DE10091	50.00 L	245+46.64	Wrightsboro Rd
	10.88	S 43°53'11.8" E	
DE10092	43.00 L	245+55.00	Wrightsboro Rd
	117.61	S 84°17'46.1" E	
DE10093	43.00 L	246+73.00	Wrightsboro Rd
	40.70	S 84°29'31.3" E	
DE10094	43.00 L	247+13.70	Wrightsboro Rd
	11.89	S 4°21'01.8" W	
60552	31.12 L	247+13.94	Wrightsboro Rd
	151.81	N 83°01'31.3" W	
60554	34.66 L	245+61.89	Wrightsboro Rd
ARC LENGTH = 53.72			
CHORD BEAR = N 48°22'45.2" W			
LNTH CHORD = 50.18			
RADIUS = 42.25			
DEGREE = 135°36'57.1"			
60556	63.81 L	245+20.85	Wrightsboro Rd
ARC LENGTH = 8.22			
CHORD BEAR = N 1°54'35.7" E			
LNTH CHORD = 8.21			
RADIUS = 51.20			
DEGREE = 111°54'20.9"			
DE10090	72.00 L	245+20.23	Wrightsboro Rd
REQ'D R/W	= 2042.21 SF		
REQ'D R/W	= 0.047 ACRES		
REMAINDER	= +/- 0.56 ACRES		

TESMT - PAR21/SV80      EASMT FOR THE CONSTRUCTION OF SLOPES      DE1029

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
DE10091	50.00 L	245+46.64	Wrightsboro Rd
DE10095	50.00 L	246+73.00	Wrightsboro Rd
DE10093	43.00 L	246+73.00	Wrightsboro Rd
231	43.00 L	245+55.00	Wrightsboro Rd
DE10091	50.00 L	245+46.64	Wrightsboro Rd
REQ'D EASMT AREA = 855.11 SF			

(022)  
MILLER ISAAC T  
PARCEL APPEARS ON 60-0032

PESMT - PAR22/SV81      EASMT FOR CONSTR. & MAINT. OF SLOPES      DE1030

PNT	OFFSET/ DIST	STATION/ BEARING	ALIGNMENT
60552	31.12 L	247+13.94	Wrightsboro Rd
	11.89	N 4°21'01.8" E	
DE10094	43.00 L	247+13.70	Wrightsboro Rd
	26.32	S 82°18'53.1" E	
DE10097	42.00 L	247+40.00	Wrightsboro Rd
	14.21	S 45°12'09.5" E	
DE10098	33.00 L	247+51.00	Wrightsboro Rd
	2.96	S 5°30'28.7" W	
DE10099	30.04 L	247+51.00	Wrightsboro Rd
	37.08	N 82°49'49.5" W	
60552	31.12 L	247+13.94	Wrightsboro Rd
REQ'D EASMT	= 388.13 SF		
REQ'D EASMT	= 0.009 ACRES		

<p>PROPERTY AND EXISTING R/W LINE</p> <p>REQUIRED R/W LINE</p> <p>CONSTRUCTION LIMITS</p> <p>EASEMENT FOR CONSTR &amp; MAINTENANCE OF SLOPES</p> <p>EASEMENT FOR CONSTR OF SLOPES</p> <p>EASEMENT FOR CONSTR OF DRIVES</p>	<p>--- P ---</p> <p>--- G --- F ---</p> <p></p> <p></p> <p></p>	<p>BEGIN LIMIT OF ACCESS.....BLA</p> <p>END LIMIT OF ACCESS.....ELA</p> <p>EXISTING LIMIT OF ACCESS</p> <p>REQ'D LIMIT OF ACCESS</p> <p>EXISTING LIMIT OF ACCESS &amp; R/W</p> <p>REQ'D LIMIT OF ACCESS &amp; R/W</p> <p>ORANGE BARRIER FENCE</p> <p>ESA - ENV. SENSITIVE AREA</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>REVISIONS</th> <th>DATE</th> <th>REVISIONS</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	DATE	REVISIONS	DATE	REVISIONS																									<p>STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION</p> <p><b>RIGHT OF WAY MAP</b></p> <p>PROJECT NO: 20-TP-007 COUNTY: RICHMOND LAND LOT NO: LAND DISTRICT: GMD: 600 DATE 1/21/2022 SH 35 OF 35</p>	<p>DRAWING No.</p> <p><b>60-0035</b></p>
DATE	REVISIONS	DATE	REVISIONS																														