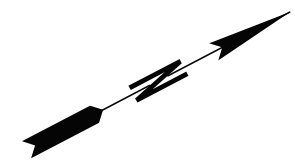


LOCATION SKETCH

# AUGUSTA ENGINEERING DEPARTMENT CITY OF AUGUSTA

## PLAN AND PROFILE OF PROPOSED 6TH STREET IMPROVEMENT TAYLOR STREET TO REYNOLDS STREET

TIA PROJECT NUMBER:  
RC07-001220  
(PI#0011421)

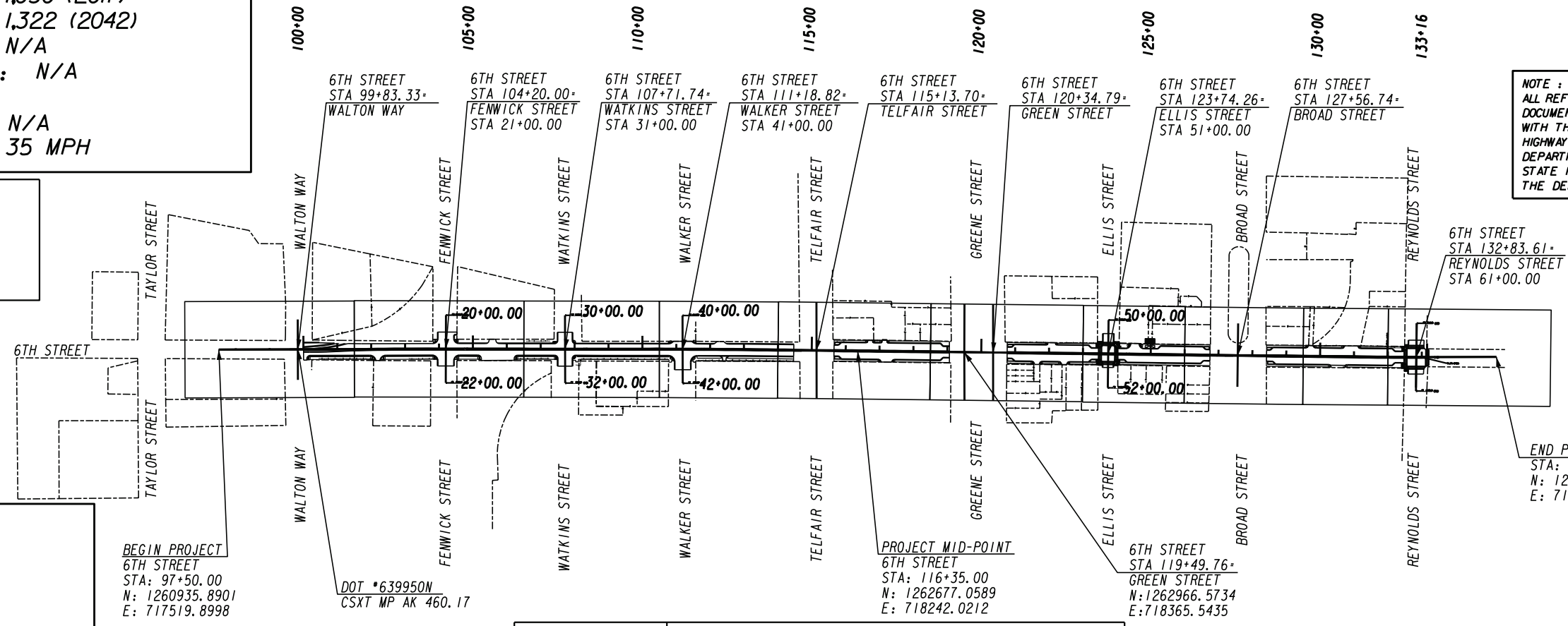


LENGTH OF PROJECT	RICHMOND COUNTY COUNTY No.245 Project No. 0011421 MILES
NET LENGTH OF ROADWAY	0.714
NET LENGTH OF BRIDGES	0.000
NET LENGTH OF PROJECT	0.714
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	0.714

**DESIGN DATA:**  
 TRAFFIC A.D.T.: 1,030 (2017)  
 TRAFFIC A.D.T.: 1,322 (2042)  
 TRAFFIC D.H.V.: N/A  
 DIRECTIONAL DIST: N/A  
 % TRUCKS: N/A  
 24 HR.TRUCKS %: N/A  
 SPEED DESIGN: 35 MPH

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.

**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.



**CPL**  
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**PLANNING**  
 3011 SUTTON GATE DRIVE, SUITE 130  
 SUWANEE, GEORGIA 30024  
 TEL (800) 274-9000  
 FAX (770) 831-9243  
 www.cplteam.com

**LOCATION & DESIGN APPROVAL DATE:**

FUNCTIONAL CLASS: LOCAL

THIS PROJECT IS 100% IN RICHMOND COUNTY AND IS 100% IN CONG. DIST. NO. 12.

PROJECT DESIGNATION: EXEMPT

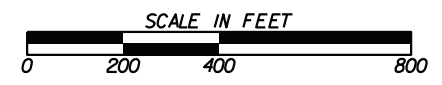
BEGIN PROJECT  
 6TH STREET  
 STA: 97+50.00  
 N: 1260935.8901  
 E: 717519.8998

DOT \*639950N  
 CSXT MP AK 460.17

PROJECT MID-POINT  
 6TH STREET  
 STA: 116+35.00  
 N: 1262677.0589  
 E: 718242.0212

6TH STREET  
 STA 119+49.76+  
 GREEN STREET  
 N: 1262966.5734  
 E: 718365.5435

END PROJECT  
 STA: 135+20.00  
 N: 1264412.8172  
 E: 718977.0488



DATE	CHIEF ENGINEER
PLANS COMPLETED	04-20-2022
REVISIONS	

PLANS PREPARED BY: CPL

DESIGN

RECOMMENDED FOR APPROVAL BY: STATE TIA ADMINISTRATOR

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.

DRAWING NO.	DESCRIPTION
1-0001	COVER
2-0001	INDEX
3-0001	REVISION SUMMARY
4-0001 - 4-0003	GENERAL NOTES
5-0001 - 5-0002	TYPICAL SECTIONS
6-0001	SUMMARY OF QUANTITIES
11-0001 - 11-0002	CONSTRUCTION LAYOUT
13-0001 - 13-0010	MAINLINE PLANS
15-0001 - 15-0007	MAINLINE PROFILES
15-0008 - 15-0019	EOP PROFILES
18-0001 - 18-0010	SPECIAL GRADING
16-0001 - 16-0005	SIDEROAD PROFILES
22-0001	DRAINAGE PROFILE
23-0001 - 23-0023	CROSS SECTIONS
24-0000 - 24-0010	UTILITY PLANS
25-0001 - 25-0012	LIGHTING PLANS
26-0001 - 26-0010	SIGNING & MARKING
50-0001	COVER, EROSION SEDIMENTATION & POLLUTION CONTROL PLAN
51-0001	EROSION SEDIMENTATION & POLLUTION CONTROL GENERAL NOTES
52-0001 - 52-0007	EROSION CONTROL LEGEND & UNIFORM CODE
53-0001	ES&PC DRAINAGE AREA MAP
54-0001 - 54-0030	BMP LOCATION DETAILS
55-0001	EROSION CONTROL WATERSHED MAP & SITE MONITORING LOCATION
56-0001 - 56-0003	EROSION CONTROL BMPs STANDARDS AND DETAILS
60-0001	RIGHT OF WAY COVER SHEET

DRAWING NO.	DESCRIPTION
<b>STD. No.</b>	<b>REVISION DATE</b>
<b>GEORGIA D.O.T. CONSTRUCTION DETAILS</b>	
A-1	(7-11) DRIVEWAYS WITH TAPERED ENTRANCES; CONCRETE VALLEY GUTTERS
A-3	(9-16) CONCRETE SIDEWALK DETAILS; CURB CUT (WHEELCHAIR) RAMPS
A-4	(16-09) DETECTABLE WARNING SURFACE; TRUNCATED DOME SIZE; SPACING AND ALIGNMENT REQUIREMENTS
D-24A	(11-11) TEMPORARY SILT FENCE (SHEET 1 OF 4)
D-24B	(11-11) TEMPORARY SILT FENCE BERM "DITCH," *INSTALLATION,* BRUSH BARRIER (SHEET 2 OF 4)
D-24C	(11-11) TEMPORARY SILT FENCE "J-HOOK," *INLET SEDIMENT TRAPS (SHEET 3 OF 4)
D-24D	(7-15) TEMPORARY SILT FENCE FABRIC CHECK DAM (SHEET 4 OF 4)
EC-L1	(13-17) EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 1 OF 6)
EC-L2	(13-17) EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 2 OF 6)
EC-L3	(13-17) EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 3 OF 6)
EC-L4	(13-17) EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 4 OF 6)
EC-L5	(13-17) EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 5 OF 6)
EC-L6	(13-17) EROSION CONTROL LEGEND AND UNIFORM CODE SHEET (SHEET 6 OF 6)
EC-L7	(13-17) SPECIAL EROSION CONTROL DETAILS
P-7	(11-11) PAVEMENT EDGE TREATMENT ASPHALT AND CONCRETE PAVEMENT
RA-1	(19-11) ROUNDABOUT LANDSCAPING DETAILS
RA-2	(11-12) ROUNDABOUT TYPICAL SECTION ASPHALTIC CONCRETE CIRCULATORY ROADWAY
T-1	(11-00) DETAILS OF SIGN PLATES
T-2	(13-00) DETAILS FOR TYPICAL FRAMING
T-3A	(7-02) TYPE "7," 8 AND 9 SQUARE TUBE POST INSTALLATION DETAIL
T-3B	(7-02) DETAILS OF SQUARE TUBE POST (BREAKAWAY SIGN SUPPORT)
T-5A	(11-03) DETAILS OF REGULATORY SIGNS SHEET 1 OF 2
T-5B	(11-00) DETAILS OF REGULATORY SIGNS SHEET 2 OF 2
T-5C	(11-00) DETAILS OF WARNING SIGNS
T-11A	(9-16) DETAILS OF PAVEMENT MARKING PLACEMENT ON NON-LIMITED ACCESS ROADWAYS
T-12A	(11-00) DETAILS OF PAVEMENT MARKING ARROW LOCATION
T-12B	(11-00) DETAILS OF PAVEMENT MARKINGS - ARROWS
T-13A	(9-16) DETAILS OF PAVEMENT MARKING WORDS (SHEET 1 OF 2)
T-13B	(9-16) DETAILS OF PAVEMENT MARKING WORDS (SHEET 2 OF 2)
T-14	(11-08) DETAIL OF PAVEMENT MARKING HATCHING
T-15A	(9-16) DETAILS OF RAISED PAVEMENT MARKER LOCATION ON NON-LIMITED ACCESS ROADWAYS
T-15C	(9-11) DETAILS OF RAISED PAVEMENT MARKERS
<b>GEORGIA D.O.T. CONSTRUCTION STANDARDS</b>	
1011AP	06-75 PRECAST REINFORCED CONCRETE MANHOLES
1019A	08-99 DROP INLETS
1030D	08-99 PRECAST DROP INLETS
1030D	09-01 CONCRETE & METAL PIPE CULVERTS (3 SHEETS)
1033-D	08-82 CATCH BASINS (FOR USE WITH 6" OR 8" HT. CURB & GUTTER)
1033-DP	09-82 PRECAST CATCH BASINS (FOR USE WITH 6" OR 8" HT. CURB & GUTTER)
1034-D	08-82 CATCH BASINS (FOR USE WITH 6" OR 8" HT. CURB & GUTTER IN SAGS OR LOW POINTS)
1034-DP	09-82 PRECAST CATCH BASINS (FOR USE WITH 6" OR 8" HT. CURB & GUTTER IN SAGS OR LOW POINTS)
1122	01-05 SAFETY END SECTIONS (3 SHEETS)
9031-S	04/96 MEDIAN DROP INLET (PRE-CAST OR BUILT-IN-PLACE) AND CONCRETE APRON
9032-B	11-11 CONCRETE CURB & GUTTER, CONCRETE CURBS, CONCRETE MEDIANS
9100	03-06 TRAFFIC CONTROL GENERAL NOTES, STANDARD LEGEND, & MISCELLANEOUS DETAILS
9102	03-06 TRAFFIC CONTROL DETAIL FOR LANE CLOSURE ON TWO-LANE HIGHWAY
GEORGIA STANDARDS AND CONSTRUCTION DETAILS REQUIRED FOR THIS PROJECT ARE LISTED TO THE RIGHT WITH THE LATEST REVISION DATES BUT ARE NOT INCLUDED AS PART OF THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND MAINTAINING ON THE PROJECT SITE THE STANDARDS AND DETAILS SHOWN IN THE INDEX.	



REVISION DATES			INDEX			
			6TH STREET IMPROVEMENT TAYLOR STREET TO REYNOLDS STREET			
			CHECKED:		DATE:	
			BACKCHECKED:		DATE:	
			CORRECTED:		DATE:	
			VERIFIED:		DATE:	



## GENERAL NOTES

1. ALL WORK TO BE DONE IN ACCORDANCE WITH THE STATE OF GEORGIA STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF ROADS, AND BRIDGES, 2001 EDITION AND SUPPLEMENTS THERETO AS APPROVED BY THE FERERAL HIGHAY ADMINISTRATION.
2. THE TERM "ENGINEEER" REFERENCED IN ALL DOCUMENTS PLANS, OR DRAWINGS USED IN CONNECTION WITH THIS DOCUMENT SHALL BE DEFINED AS THE COUNTY ENGINEER OR AUGUSTA /RICHMOND ENGINEERING DEPARTMENT.
3. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED WILL BE PAVED BACK TO THE TIE IN POINT OR REQUIRED RIGHT OF WAY, WHICHEVER IS GREATER. ALL DRIVEWAYS OVER 11% IN GRADE SHALL BE PAVED WITH CONCRETE UNLESS OTHERWISE NOTED IN THE PLANS. ALL OTHER DRIVEWAYS SHALL BE REPLACED AS FOLLOWS: ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE AND ASPHALT FOR EARTH / GRAVEL DRIVES. 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. EXISTING DRIVEWAY LOCATIONS ARE SHOWN FROM THE BEST AVAILABLE DATA; THE CONTRACTOR SHALL CONSTRUCT DRIVEWAYS TO MATCH THE LOCATION OF EXISTING DRIVEWAYS AT THE TIE IN POINT, IF APPLICABLE. THE CONTRACTOR SHALL OBTAIN THE APPROVAL FROM THE ENGINEER PRIOR TO MAKING ANY REVISIONS TO LOCATION, WIDTH, AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED. DRIVES SHALL BE CONSTRUCTED USING:
 

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

COMMERCIAL:  
 ASPHALT - 165 LB/SY RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME, 220 LB/SY RECYCLED ASPHALT CONC, 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL & H LIME, GRADED AGGREGATE BASE, 6".  
 CONCRETE - DRIVEWAY CONCRETE, 8 IN THICK
4. ALL EXISTING PIPES SHALL NOT BE DISTURBED UNLESS NOTED OTHERWISE. THE COST OF REMOVING EXISTING PIPES TO BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.
5. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL. SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO FOR ADDITIONAL INFORMATION.
6. NO SEPERATE PAYMENT WILL BE MADE FOR TEMPORARY DRAINAGE ITEMS. COST WILL BE INCLUDED IN OVERALL BID SUBMITTED.
7. THE COST OF REMOVING EXISTING ASPHALT PAVEMENT TO BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE. EXISTING PAVEMENT THAT HAS BEEN REMOVED SHALL BE GRADED TO DRAIN, DRESSED AND GRASSED.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL BORROW AND WASTE PITS AT NO ADDITIONAL COST TO THE DEPARTMENT.
9. ALL STORM DRAIN PIPE SHALL BE RCP.
10. THE CONTRACTOR SHALL PROTECT ALL POST-MOUNTED STREET NAME SIGNS WITH THE PROJECT LIMITS. IF A STREET NAME SIGN MUST BE MOVED DURING THE COURSE OF CONSTRUCTION, IT MUST BE RESET AT THE END OF EACH WORK DAY. FINALLY, STREET NAME SIGNS SHALL BE RELOCATED TO THE FINAL LOCATION OF THE STOP SIGN ON EACH STREET WHEN CONSTRUCTION IS COMPLETE. IF DAMAGED DURING CONSTRUCTION, STREET NAME SIGN SHALL BE REPLACE IN KIND. ALL LABOR AND MATERIALS REQUIRED TO SATISFY THIS REQUIREMENT SHALL BE INCLUDED IN PRICE BID FOR TRAFFIC CONTROL.

11. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL SIGNS LOCATED WITHIN THE PROJECT LIMITS THAT ARE NOT TO BE MAINTAINED AND PROTECTED DURING CONSTRUCTION. SIGNS LOCATED WITHIN THE CONSTRUCTION LIMITS THAT SHOULD BE MAINTAINED AND PROTECTED ARE LABELED IN THE CONSTRUCTION PLANS. PRIOR TO REMOVING ANY SIGN, CONTRACTOR SHALL COORDINATE WITH THE CITY OF AUGUSTA BY CONTACTING ANTHONY TAYLOR AT 706-821-5072 TO CONFIRM CITY OF AUGUSTA'S INTENTION WITH RESPECT TO EACH SIGN. ALL WORK ASSOCIATED WITH THIS REQUIREMENT SHALL BE INCLUDED IN PRICE BID FOR GRADING COMPLETE.
12. ANY REFERENCE TO "THE DEPARTMENT" SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE AUGUSTA ENGINEERING DEPARTMENT, AND REFERENCES TO THE "DEPARTMENT'S SPECIFICATIONS" SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE GEORGIA DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS CURRENT EDITION.
13. A NOI IS REQUIRED FOR THIS PROJECT.
14. ALL UTILITY LOCATIONS WERE OBTAINED FROM SUE LEVEL B INVESTIGATION.
15. THIS PROJECT CONTAINS NO POST CONSTRUCTION STORMWATER BMPS.
16. ALL UTILITY INSTALLATIONS OR RELOCATIONS THAT ARE REQUIRED IN CONJUNCTION WITH THIS PROJECT CAN BE INSTALLED OR RELOCATED AS PART OF THE PROJECT PROVIDED THE CONSTRUCTION IS PERFORMED BY THE PROJECT CONTRACTOR OR PROJECT CONTRACTOR'S SUB-CONTRACTOR. HOWEVER, THE UTILITY MUST SUBMIT AN APPLICATION FOR THE INSTALLATION OR RELOCATION TO RAILPROS FOR APPROPRIATE HANDLING FOR LICENSE AGREEMENT AND APPLICABLE FEES. FOR UTILITY APPLICATIONS, GO TO: WWW.NSCORP.COM > REAL ESTATE > NS SERVICES > WIRE, PIPELINE, & FIBER OPTIC PROJECTS. NOTE: LICENSE AGREEMENT MUST BE EXECUTED PRIOR TO UTILITY BEING INSTALLED OR RELOCATED.



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 FAX (770) 831-9243  
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REVISION DATES		GENERAL NOTES	
		6TH STREET IMPROVEMENT TAYLOR STREET TO REYNOLDS STREET	
		CHECKED: _____	DATE: _____
		BACKCHECKED: _____	DATE: _____
		CORRECTED: _____	DATE: _____
		VERIFIED: _____	DATE: _____
		DRAWING No. <b>04-0001</b>	



# RAILROAD NOTES

- ONE CALL SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATIONS LINES. THE CONTRACTOR SHALL CONTACT THE RAILROADS REPRESENTATIVE 2 DAYS IN ADVANCE OF WORK AT THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE THE RAILROAD'S UNDERGROUND FACILITIES. UPON REQUEST FROM THE CONTRACTOR OR SPONSOR, RAILROAD FORCES WILL LOCATE AND PAINT MARK OR FLAG THE RAILROAD'S UNDERGROUND FACILITIES. THE CONTRACTOR SHALL AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE FACILITIES. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD FACILITY, THE CONTRACTOR SHALL COORDINATE WITH THE RAILROAD TO HAVE THE FACILITY POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION. THE FACILITY SHALL BE PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF THE RAILROAD'S REPRESENTATIVE. (SEE NS PUBLIC PROJECTS MANUAL, APPENDIX E, SECTION 3.D).
- FOR PROJECTS REQUIRING MORE THAN 30 CONSECUTIVE DAYS OF FLAGGING, CONTRACTOR SHALL PROVIDE THE FLAGMAN A SMALL WORK AREA WITH A DESK/COUNTER AND CHAIR WITHIN THE FIELD/SITE TRAILER, INCLUDING THE USE OF BATHROOM FACILITIES, WHERE THE FLAGMAN CAN CHECK IN/OUT WITH THE PROJECT, AS WELL AS TO THE FLAGMANS HOME TERMINAL. THE WORK AREA SHOULD PROVIDE ACCESS TO TWO (2) ELECTRICAL OUTLETS FOR RECHARGING RADIO(S), AND A LAPTOP COMPUTER; AND HAVE THE ABILITY TO PRINT OFF NEEDED DOCUMENTATION AND ORDERS AS NEEDED AT THE FIELD/SITE TRAILER. THIS SHOULD AID IN MAXIMIZING THE FLAGMANS TIME AND EFFICIENCY ON THE PROJECT.
- ALL WORK TO BE PERFORMED ON, OVER, UNDER, OR ADJACENT TO THE RAILROAD TRACKS SHALL COMPLY WITH THE NORFOLK SOUTHERN RAILWAY COMPANY ("RAILROAD", "NSR" OR "NS") PUBLIC PROJECTS MANUAL (APPENDIX E, SPECIAL PROVISIONS FOR THE PROTECTION OF RAILWAY INTERESTS). WHEN IN CONFLICT WITH OTHER PROJECT SPECIFICATIONS, THE MOST STRINGENT ONE SHALL APPLY.
- RAILROAD CONTACT INFORMATION: MR. JACOB WATSON, ENGINEER PUBLIC IMPROVEMENTS, BRIDGES AND STRUCTURES, NORFOLK SOUTHERN CORPORATION, 1200 PEACHTREE STREET NE, ATLANTA, GA 30309. TELEPHONE: (404) 529-1225. EMAIL: JACOB.WATSON@NSCORP.COM.
- ALL UTILITY INSTALLATIONS OR RELOCATIONS THAT ARE REQUIRED IN CONJUNCTION WITH THIS PROJECT CAN BE INSTALLED OR RELOCATED AS PART OF THE PROJECT PROVIDED THE CONSTRUCTION IS PERFORMED BY THE PROJECT CONTRACTOR OR PROJECT CONTRACTOR'S SUB-CONTRACTOR. HOWEVER, THE UTILITY MUST SUBMIT AN APPLICATION FOR THE INSTALLATION OR RELOCATION TO RAILPROS FOR APPROPRIATE HANDLING FOR LICENSE AGREEMENT AND APPLICABLE FEES. FOR UTILITY APPLICATIONS GO TO: WWW.NSCORP.COM > REAL ESTATE > NS SERVICES > WIRE, PIPELINE, & FIBER OPTIC PROJECTS. NOTE: LICENSE AGREEMENT MUST BE EXECUTED PRIOR TO UTILITY BEING INSTALLED OR RELOCATED.
- ALL CSXT FACILITIES, AND ANY UTILITIES FOUND ON CSXT RIGHT-OF-WAY, SHALL BE PROTECTED THROUGHOUT THE DURATION OF THE PROJECT.

### CSXT RAILROAD NOTES:

- ALL WORK ON, OVER, UNDER, OR ADJACENT TO CSXT RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE CSXT SPECIAL PROVISIONS, WHICH CAN BE FOUND WITHIN THE CSXT PUBLIC PROJECTS MANUAL, AVAILABLE AT [HTTPS://WWW.CSX.COM/INDEX.CFM/ABOUT-US/PROPERTY/](https://www.csx.com/index.cfm/about-us/property/).
- RAILROAD INSURANCE IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES ON CSXT RIGHT OF WAY. SUBMIT RAILROAD INSURANCE TO CSXT AT [INSURANCEDOCUMENTS@CSX.COM](mailto:INSURANCEDOCUMENTS@CSX.COM) FOR CSXT REVIEW AND APPROVAL. WORK WILL NOT BE ALLOWED WITHIN THE CSXT RIGHT OF WAY WITHOUT THE INSURANCE APPROVAL FROM CSXT AND A RAILROAD FLAGMAN CANNOT BE SCHEDULED. NOTE: APPROVAL OF INSURANCE CAN TAKE UP TO 30 TO 45 DAYS.
- NO WORK SHALL TAKE PLACE WITHIN 50 FEET OF THE CENTERLINE OF THE CSXT TRACK WITHOUT A RAILROAD FLAGMAN BEING PRESENT. PROVIDE THE CSXT FIELD REPRESENTATIVE WITH AT LEAST THIRTY (30) BUSINESS DAYS ADVANCE NOTICE OF BEGINNING WORK WITHIN THIS AREA TO ALLOW FOR THE SCHEDULING OF THE RAILROAD FLAGMAN. THE CONTRACTOR SHALL NOTIFY STV VIA EMAIL A MINIMUM OF 30 DAYS BEFORE WORK IS TO BEGIN ON RAILROAD RIGHT-OF-WAY.  
  
PLEASE FORWARD EMAIL TO: VICTORIA MATTS  
904-383-3919  
VICTORIA.MATTS@STVINC.COM
- ALL WORK WITHIN 5 FT OF THE CENTERLINE OF TRACK AT THE CROSSING WILL BE PERFORMED BY THE RAILROAD OR THEIR SUB-CONTRACTOR.
- CONTRACTOR SHALL MAINTAIN ALL DITCHES AND DRAINAGE STRUCTURES FREE OF SILT OR OTHER OBSTRUCTIONS THAT MAY RESULT FROM THEIR OPERATIONS. CONTRACTOR, UPON COMPLETION OF THE PROJECT, SHALL LEAVE CSXT PROPERTY IN A NEAT CONDITION, SATISFACTORY TO THE CSXT REPRESENTATIVE.
- THE CONTRACTOR MAY NOT USE CSXT RIGHT-OF-WAY FOR STORAGE OF MATERIALS OR EQUIPMENT DURING CONSTRUCTION WITHOUT PRIOR APPROVAL FROM CSXT.
- ALL DRAINAGE WORK WITHIN THE CSXT RIGHT-OF-WAY MUST COMPLY WITH CSXT DRAINAGE CRITERIA FOUND WITHIN THE CSXT PUBLIC PROJECT MANUAL.

Utility Contacts				
Name(s)	Service	Company	Telephone Number	Email Address
Travis Griffin	Gas/Project Coordinator	Atlanta Gas Light/ Southern Comp.	706-214-1662	TJGRFFI@southernco.com
Mark Sosebee	Gas	Atlanta Gas Light/ Southern Comp.	706-847-0662	msosebee@southernco.com
William J. Surrency	Telecommunications	AT & T/D	706-210-8237	Ws1449@att.com
Ron Dukes	Telecommunications	AT & T/T	803-606-6700	Rmdukes@att.net
Sean Barr	Water & Sewer	Augusta Utilities	706-312-4132	sbarr@augustaga.gov
Kevin O'meara	Cable TV	Comcast	706-832-6921 / 470-787-4386	Kevin_O'Meara@cable.comcast.com
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Rex Jones	Telecommunications	Crown Castle		Rex.jones@crowncastle.com
Mike Narvarte	Telecommunications	WOW	706-832-7648	Joseph.narvarte@wowinc.com
Mark Chambers	Telecommunications	SEGRA	803-587-2188	Mark.Chambers@segra.com
Hunter Johnson	Telecommunications	Uniti Fiber LLC		Hunter.Johnson@uniti.com
Sam Smith	City Irrigation	Recreation & Parks	706-825-9768/706-799-5902	ssmith2@augustaga.gov
John Ussery	Traffic signals/ Street Lights	AED/Traffic Eng.	706-564-9684	JUssery@augustaga.gov
Kenny Mass	Traffic signals/	AED/Traffic Eng.	706-564-2701	kmass@augustaga.gov
Guyton Shepherd	Street Lights	AED/Traffic Eng.	706-836-9978	gshepherd@augustaga.gov
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Wes Byne	City Strom Sewer	Constantine Engineering	706-414-5535	WByne@tcgeng.com
Matthew Jones	SUE	Edwards-Pitman	678-622-3621	mjones@edwards-pitman.com
Jake Watson	Railroad	Norfolk Southern R/R	404-529-1225	Jacob.watson@nscorp.com
Joseph Alley	Railroad	Norfolk Southern R/R	706-872-9422	Joseph.alley@nscorp.com
Todd Ollton	Railroad	CSX R/R	770-819-2844	Todd_ollton@csx.com
Joseph Schofield	Railroad	CSXT Public Projects	904-861-2898/904-451-3835	Joseph.schofield@arcadis.com
Alexis Hightower	Railroad	CSXT Public Projects	904-479-1736/770-268-9097	Alexis.Hightower@arcadis.com

### CSXT RAILROAD NOTES CONTINUED:

- "ONE CALL" SERVICES DO NOT LOCATE BURIED RAILROAD SIGNAL AND COMMUNICATIONS LINES. THE CONTRACTOR SHALL CONTACT THE RAILROAD'S REPRESENTATIVE TWO (2) DAYS IN ADVANCE OF THOSE PLACES WHERE EXCAVATION, PILE DRIVING, OR HEAVY LOADS MAY DAMAGE RAILROAD UNDERGROUND LINES ON RAILROAD PROPERTY. UPON REQUEST FROM THE CONTRACTOR OR AGENCY, RAILROAD SIGNAL FORCES WILL LOCATE AND PAINT MARK OR FLAG RAILROAD UNDERGROUND SIGNAL, COMMUNICATION, AND POWER LINES IN THE AREA TO BE DISTURBED FOR THE CONTRACTOR. THE CONTRACTOR SHALL AVOID EXCAVATION OR OTHER DISTURBANCE OF THESE LINES WHICH ARE CRITICAL TO THE SAFETY OF THE RAILROAD AND THE PUBLIC. IF DISTURBANCE OR EXCAVATION IS REQUIRED NEAR A BURIED RAILROAD SIGNAL, COMMUNICATION, OR POWER LINE, THE LIE SHALL BE POTHOLED MANUALLY WITH CAREFUL HAND EXCAVATION BY THE CONTRACTOR AND PROTECTED BY THE CONTRACTOR DURING THE COURSE OF THE DISTURBANCE UNDER THE SUPERVISION AND DIRECTION OF A RAILROAD SIGNAL REPRESENTATIVE.
- ALL SOILS EXCAVATED WITHIN CSX'S RAILROAD RIGHT-OF-WAY SHALL REMAIN ON CSX'S RIGHT-OF-WAY. FOR ANY EXCAVATED SOIL THAT REQUIRES OFF-SITE DISPOSAL, THE LICENSEE IS REQUIRED TO USE ONLY CSX APPROVED LABORATORIES, TRANSPORTERS, AND DISPOSAL FACILITY THAT ARE IN COMPLIANCE WITH ALL APPLICABLE ENVIRONMENTAL LAWS AND CSX'S POLICIES AND PROCEDURES. SOIL RESULTING FROM EXCAVATION OUTSIDE OF CSX'S RAILROAD RIGHT-OF-WAY OR RAILROAD OWNED PROPERTY SHALL NOT BE BROUGHT ONTO CSX'S PROPERTY AND THEREFORE MUST BE STORED OFF CSX PROPERTY. CSXT SHALL NOT INCUR ANY COSTS RELATED TO THE DISPOSAL OF SOILS GENERATED DUE TO CONSTRUCTION ACTIVITY RELATED TO THIS PROJECT.

### ROADWAY LEGEND

REQUIRED RIGHT OF WAY	—————
EXISTING RIGHT OF WAY	-----
PROPERTY LINE	-----R-----
RIGHT OF WAY MARKER	⊗
CENTERLINE	—————+—————+—————
DITCH OR SWALE	←←←←←
TYPICAL SECTION DITCH	←←←←←
TOP OF CUT	-----C-----C-----C-----C-----C-----
TOE OF FILL	-----F-----F-----F-----F-----F-----



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REVISION DATES		GENERAL NOTES	
		<b>6TH STREET IMPROVEMENT</b> <b>TAYLOR STREET TO REYNOLDS STREET</b>	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	04-0002	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

### GENERAL NOTES - STANDARD SIGNS

1. 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.
2. 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 THE OFFICE OF TRAFFIC OPERATIONS.
3. 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.
- 4a. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON INTERSTATE HIGHWAYS SHALL BE 32 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), UNLESS SPECIFIED OTHERWISE IN THE PLANS. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON RAMPS SHALL BE 2 FEET FROM THE NORMAL EDGE OF PAVED SHOULDER, OR EDGE OF GRADED SHOULDER WHEN PRESENT.
- 4b. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON ALL OTHER ROADWAYS 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).
- 4c. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS MOUNTED BEHIND GUARD RAIL SHALL BE 6 FEET FROM THE FACE OF THE GUARD RAIL TO THE NEARER EDGE OF THE SIGN(S).
5. 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 1/4 INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.
6. 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.
7. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.
8. 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.
9. 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).
10. TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.
11. 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 SIGNING SHALL HAVE TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING.
12. A 1/2 INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.
13. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL 1/4 INCH DIAMETER HOLE(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.
14. INTERSTATE SHIELDS SHALL CONTAIN THE WORD GEORGIA. ALL INTERSTATE, U.S., AND GEORGIA SHIELDS REQUIRING ALT, BUS, CONN, LOOP, OR SPUR SHALL USE 4 INCH SERIES "D" LETTERS. REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, FOR DETAILS.
15. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF MISCELLANEOUS SIGNS.
16. REFER TO PLAN SHEETS FOR LOCATION OF THE DISTRICT ENGINEERS OFFICE TO BE SHOWN ON ALL R552-1 (LIMITED ACCESS) SIGNS IN THIS PROJECT, IF ANY.
17. THE CONTRACTOR WILL, AS REQUESTED BY THE DISTRICT TRAFFIC OPERATIONS ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.

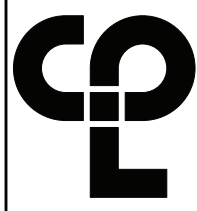


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### TRAFFIC SIGNAL GENERAL NOTES

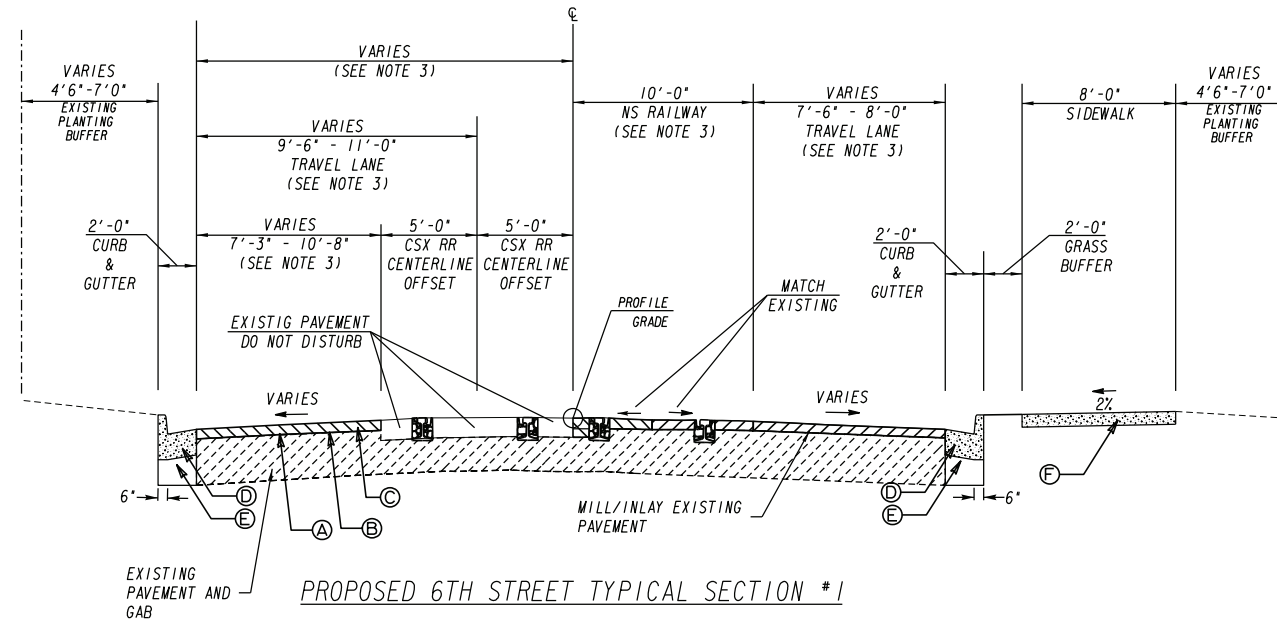
1. THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION.
2. SIGNAL HEADS SHALL BE ERECTED TO PROVIDE AT LEAST 17 FEET BUT NO MORE THAN 19 FEET CLEARANCE FROM BOTTOM OF SIGNAL HEADS TO TOP OF ROAD SURFACE AND A MINIMUM OF 8 FEET MEASURED HORIZONTALLY BETWEEN CENTERS OF SIGNAL FACES.
3. SHIELDED CABLE WILL BE USED FOR DETECTOR RUNS AS SHOWN ON THE DETAIL SHEET. DETECTORS SHALL HAVE SEPARATE LEAD-INS TO THE CONTROL CABINET.
4. THE CONTRACTOR SHALL LOCATE UNDERGROUND & OVERHEAD UTILITIES IN VICINITY OF NEW TRAFFIC SIGNAL POLES PRIOR TO ORDERING. AT THE DISCRETION OF THE ENGINEER, MINOR SHIFTS, (UP TO A MAXIMUM OF 5 FEET), IN LOCATION OF NEW SIGNAL POLES, ARE ACCEPTABLE TO AVOID UNDERGROUND & OVERHEAD UTILITIES. MINIMUM CLEARANCES FROM EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF THE SIGNAL HEADS SHALL BE RETAINED AS SHOWN ON THE PLANS.
5. THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC SIGNALS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SIGNAL AND/OR CONTROL SYSTEM ADJUSTMENTS, INCLUDING TEMPORARY SUPPORT POLE LOCATION(S) REQUIRED BY THE PROJECT DURING THE INTERIM PERIOD THROUGH INSTALLATION OF NEW SIGNAL EQUIPMENT. AT NO TIME SHALL THE CONTRACTOR CAUSE ANY PART OF THE SIGNAL OPERATION TO BE INOPERABLE.
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL NEW GUYS ON EXISTING UTILITY TIMBER POLES WHEN ATTACHING SPAN WIRE OR INTERCONNECT CABLE TO THE POLES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
7. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE DISTRICT TRAFFIC ENGINEER PRIOR TO FINAL ACCEPTANCE.
8. WHEN REMOVED, EXISTING EQUIPMENT SHALL BE DELIVERED AND UNLOADED BY THE CONTRACTOR TO THE DEPARTMENT OF TRANSPORTATION OFFICE OF TRAFFIC OPERATIONS DISTRICT SIGNAL SHOP. CONTACT THE DISTRICT SIGNAL ENGINEER AT (770) 531-5856.
9. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET. (TS-06)
10. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE DOT SPECIFICATION.
11. THE INSTALLATIONS SHALL BE CAPABLE OF MONITORING OVER EHTERNET NETWORKS FROM EXISTING CENTRAL COMPUTERS OR VIA "CLOSED LOOP" MONITORING, PER THE DISTRICT SIGNAL ENGINEER. CENTRAL COMPUTERS ARE LOCATED AT 935 EAST CONFEDERATE AVENUE BLDG. 24 ATLANTA, GEORGIA 30316. NETWORK ABILITIES DEMONSTRATION IS REQUIRED AT ALL CENTRAL SITES. NOTED PRIOR TO FINAL ACCEPTANCE.
12. ALL EXISTING STOP BARS, WORDS, ARROWS AND CROSSWALKS THAT ARE NOT REMOVED OR RELOCATED SHALL BE REPALCED IN ACCORDANCE WITH CURRENT GDOT STANDARDS.
13. ACTUAL ATTACHMENT HEIGHTS SHALL BE FIELD DETERMINED BY INSTALLER TO PROVIDE REQUIRED SIGNAL HEAD MOUNTING HEIGHTS AND CLEARANCE FROM EXISTING UTILITIES.
14. SAWCUTS AND REMOVAL OF ALL CONCRETE ASSOCIATED WITH CURB CUT RAMPS SHALL BE INCLUDED IN THE SIDEWALK PAY ITEM.
15. THE CONTRACTOR SHALL REPLACE IN KIND AND SIZE, AT NO SEPARATE EXPENSE TO THE DEPARTMENT, ANY BARRIER WALL, FENCE, DITCH PAVING, CURBING, SIDEWALK, GUTTER, SLOPE PAVEMENT, SIGNS, GUARDRAILS, LANDSCAPING, GRASSINGS, UTILITY SERVICE LINES, STORM DRAIN PIPES, MASONRY WALLS AND PAVING THAT IS REMOVED, DAMAGED OR DESTROYED, DUE TO CONTRACTOR'S ACTIVITY.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MEASURES TO ENSURE COMPLIANCE TO ALL STATE AND FEDERAL LAWS AND GUIDELINES.
17. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL FEES ASSOCIATED WITH MODIFYING EXISTING AND ESTABLISHING NEW POWER AND COMMUNICATIONS 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.
18. 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 30 DAYS. UPON COMPLETION OF THE TEST PERIOD, THE CONTRACTOR WILL COMPLETE A TRANSFER OF UTILITY COST TO RICHMOND COUNTY.



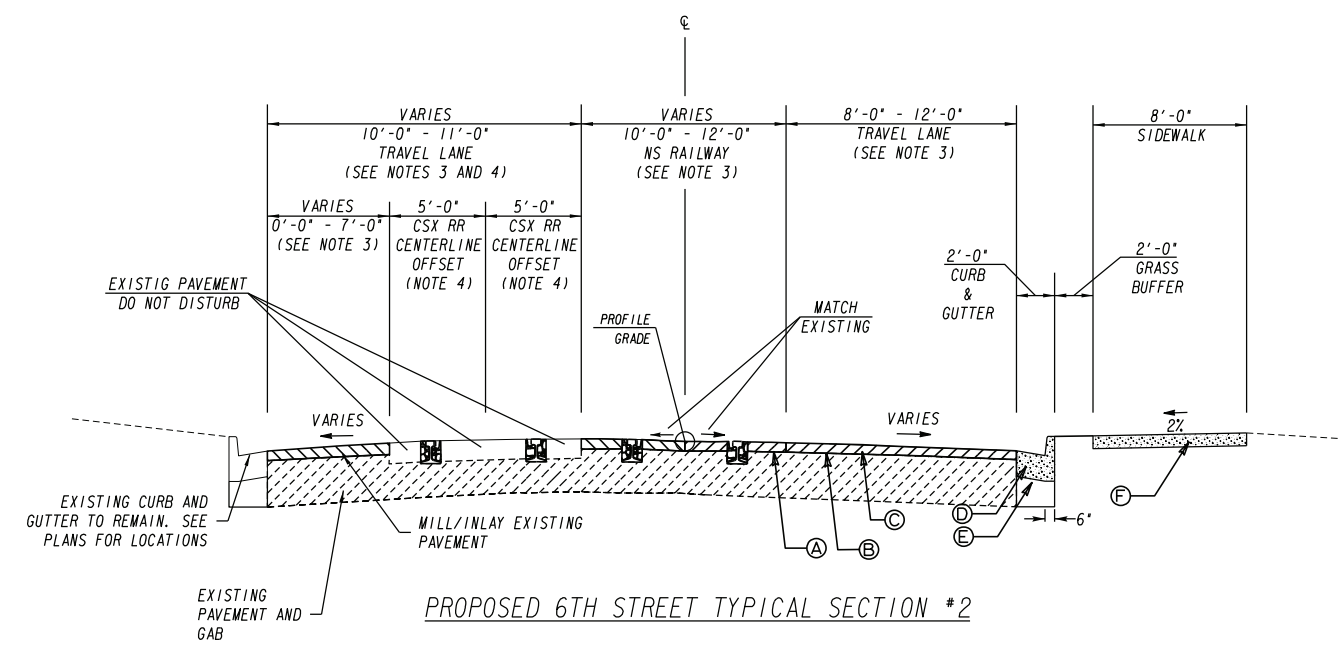
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PROPOSED 6TH STREET TYPICAL SECTION #1  
STA 100+00.00 TO 100+46.68



PROPOSED 6TH STREET TYPICAL SECTION #2  
STA 100+46.68 TO 103+82.08  
(SEE NOTES 3 AND 4)

- Ⓐ MILLING, VARIABLE DEPTH
- Ⓑ ASPH CONC LEVELING
- Ⓒ RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME
- Ⓓ CONCRETE CURB & GUTTER, TYPE 2, 8"x24"
- Ⓔ GRADED AGGREGATE BASE, 8"
- Ⓕ SIDEWALK, 4"

NOTES:

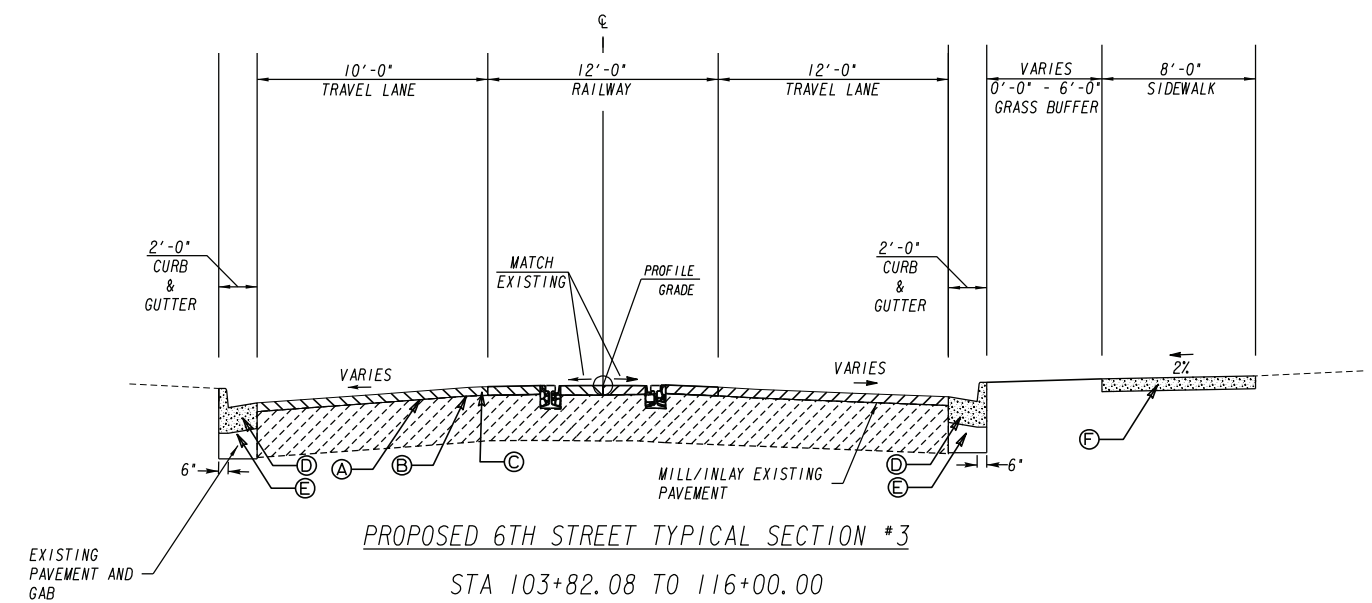
1. SEE CONSTRUCTION PLANS FOR CURB AND GUTTER LOCATIONS.
2. MILLING SHOULD BE A MINIMUM 1.5"
3. SEE PLANS FOR EXACT LOCATIONS OF RAILROAD TRACKS AND TRAVEL LANES.
4. CSX RR TRACKS END AT STA 101+31.18.

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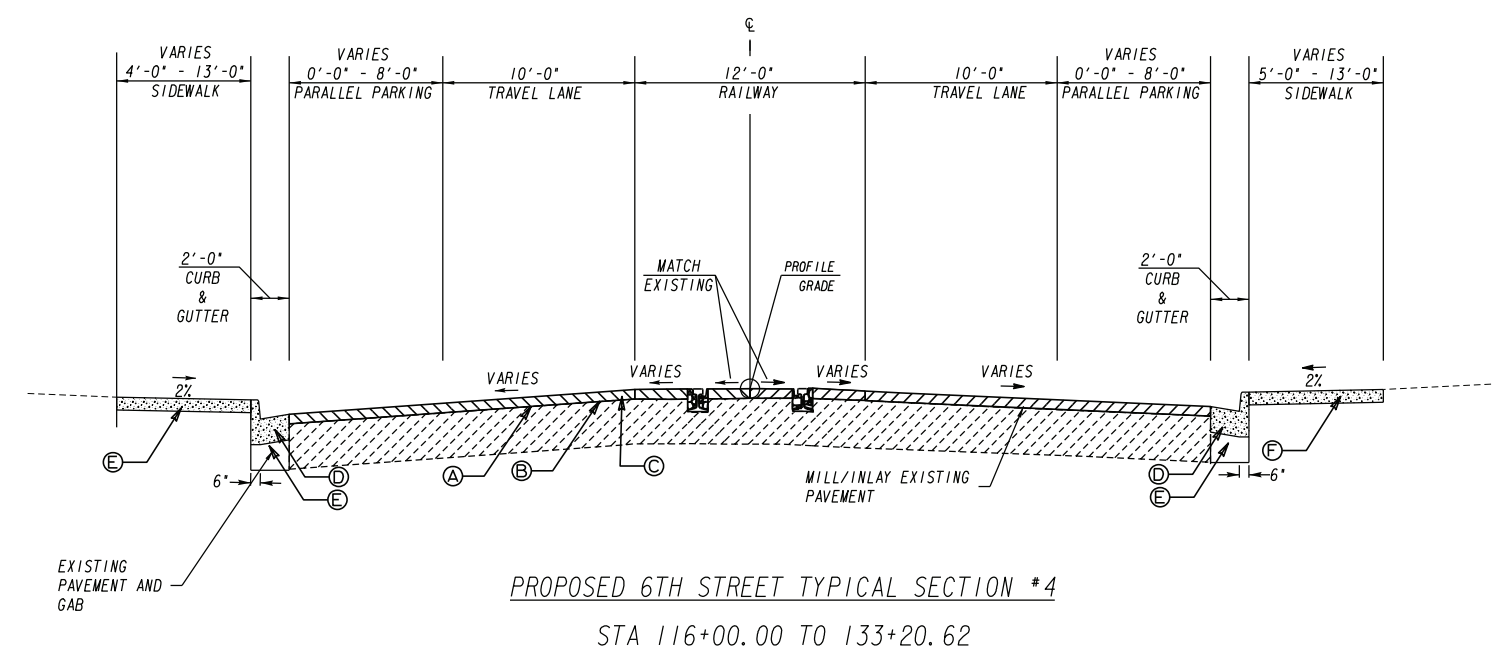


REVISION DATES		TYPICAL SECTIONS	
		6TH STREET IMPROVEMENT TAYLOR STREET TO REYNOLDS STREET	
CHECKED:	DATE:		
BACKCHECKED:	DATE:		
CORRECTED:	DATE:		
VERIFIED:	DATE:	DRAWING No.	05-0001





- Ⓐ MILLING, VARIABLE DEPTH
- Ⓑ ASPH CONC LEVELING
- Ⓒ RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL & H LIME
- Ⓓ CONCRETE CURB & GUTTER, TYPE 2, 8" x 24"
- Ⓔ GRADED AGGREGATE BASE, 8"
- Ⓕ SIDEWALK, 4"



**NOTES:**

1. SEE CONSTRUCTION PLANS FOR CURB AND GUTTER LOCATIONS
2. MILLING SHOULD BE A MINIMUM 1.5"

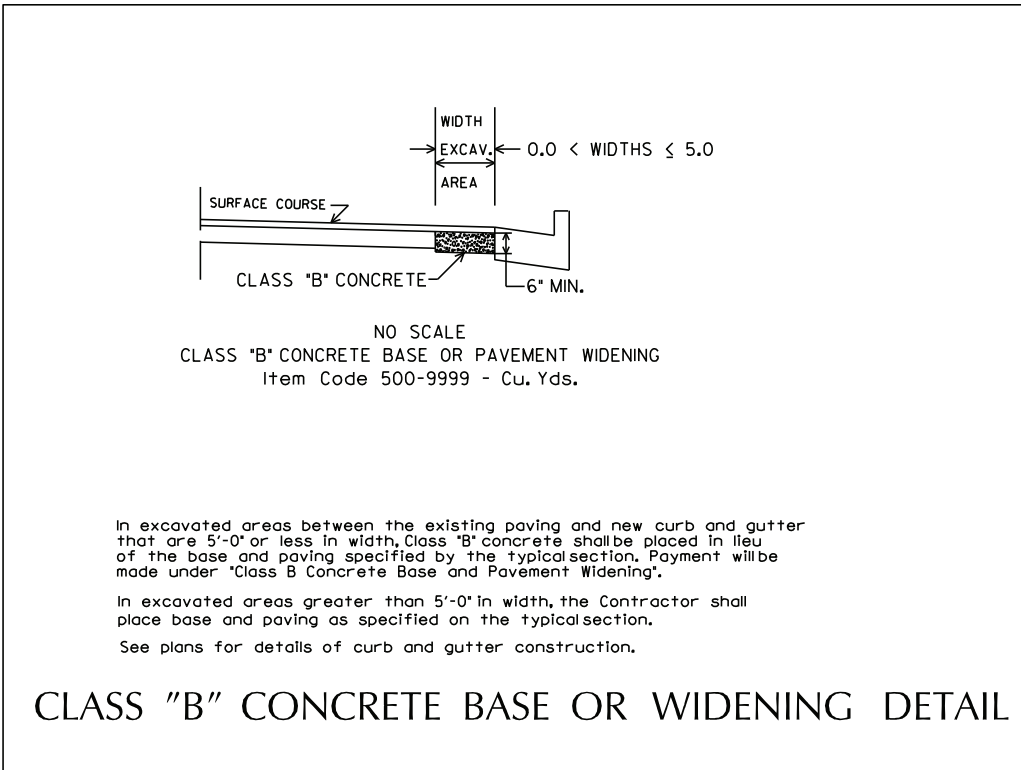
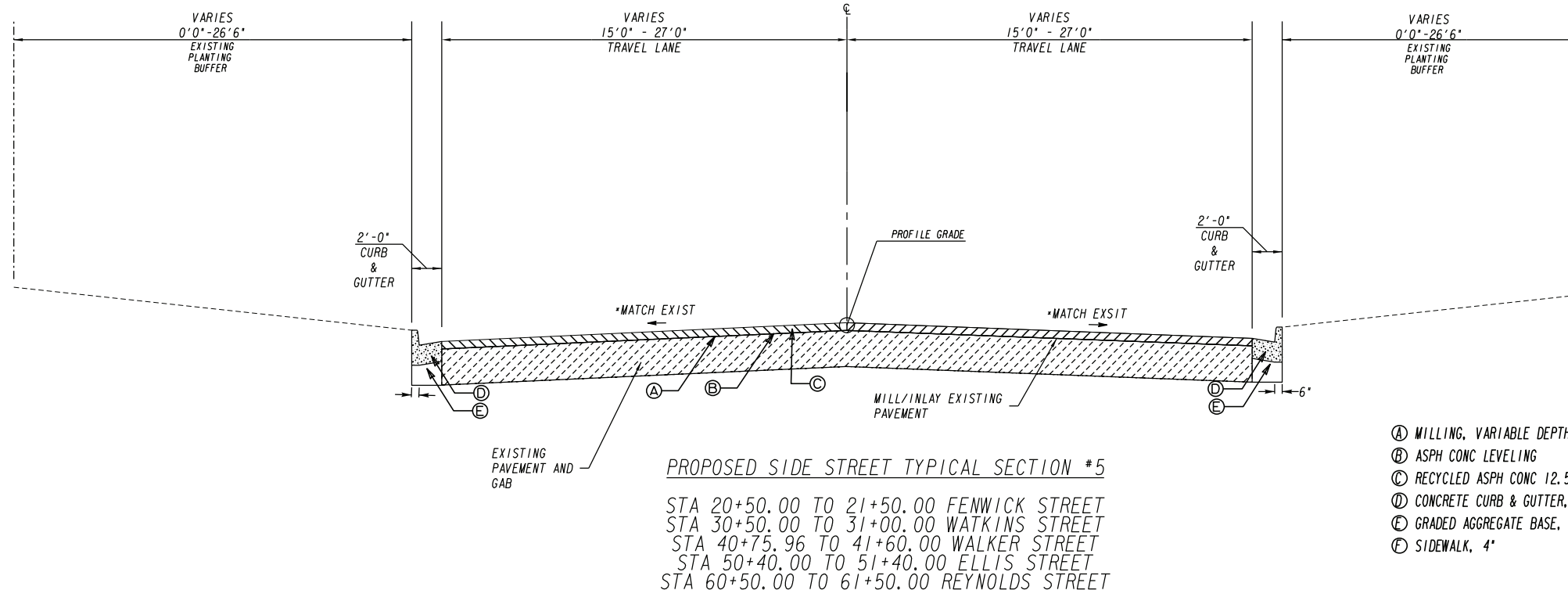
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REVISION DATES	

**TYPICAL SECTIONS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
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**NOTES:**  
 1. SEE CONSTRUCTION PLANS FOR CURB AND GUTTER LOCATIONS  
 2. MILLING SHOULD BE A MINIMUM 1.5"

REVISION DATES		TYPICAL SECTIONS	
		6TH STREET IMPROVEMENT TAYLOR STREET TO REYNOLDS STREET	
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# SUMMARY OF QUANTITIES

150-1000
TRAFFIC CONTROL-PI 0011421
(LS)
LUMP

210-0100
GRADING COMPLETE-PI 0011421
(LS)
LUMP

SUMMARY OF DRIVEWAY PAVING				
	310-1101	441-0016	441-4020	444-1000
LOCATION	GR AGGR BASE CRS, INCL MATL (TON)	DRIVEWAY CONCRETE, 6 IN TK (SQ YD)	CONC VALLEY GUTTER, 6 IN (SQ YD)	SAWED JOINTS IN EXISTING PAVEMENTS - PCC (LF)
102+19, R	12	35	23	11
105+57, L	12	35	33	20
105+73, R	58	172	118	97
112+30, L	8	25	34	21
112+42, R	7	22	22	10
116+72, L	5	14	26	14
117+14, L	5	14	26	14
117+20, R	11	33	44	30
121+64, R	7	21	26	14
122+07, L	6	19	35	22
122+45, R	7	20	26	14
124+53, L	18	53	37	24
124+98, L	12	35	26	14
125+41, R	5	15	22	10
129+72, L	5	15	24	12
130+49, R				
130+91, L	12	37	53	38
SUB-TOTAL	190	565	575	365
AS DIRECTED	0	5	5	5
TOTAL	190	570	580	370

SUMMARY OF TEMPORARY EROSION CONTROL					
	163-0232	163-0240	163-0550	165-0105	171-0030
LOCATION	TEMPORARY GRASS (AC)	MULCH (TON)	CONSTRUCT & REMOVE INLET SEDIMENT TRAP (EA)	MAINTENANCE OF INLET SEDIMENT TRAP (EA)	TEMPORARY SILT FENCE, TYPE C (LIN FT)
6TH STREET	0.1	1.5	36	36	2500
SUB-TOTAL	0.1	1.5	36	36	2500
AS DIRECTED	0	0.5	4	4	0
TOTAL	0.1	2	40	40	2500

SUMMARY OF SIGNING			
	611-5551	636-1041	636-2070
LOCATION	RESET SIGN (EA)	HIGHWAY SIGNS, TP 2 MATL, REFL SHEETING, TP9 (SF)	GALV STEEL POSTS, TP 7 (LF)
6TH STREET	21		
STA 103+63 LT		9	30
STA 105+84 LT		9	30
FENWICK STREET	7		
WATKINS STREET	6		
WALKER STREET	4		
ELLIS STREET	7		
REYNOLDS STREET	3		
SUB-TOTAL	48	18	60
AS DIRECTED	2	2	0
TOTAL	50	20	60

SUMMARY OF MISCELLANEOUS QUANTITIES					
	611-8120	611-8140	670-9710	700-6910	700-9300
LOCATION	ADJUST WATER METER BOX TO GRADE (EA)	ADJUST WATER VALVE BOX TO GRADE (EA)	RELOCATE EXISTING FIRE HYDRANT (EA)	PERMANENT GRASSING (AC)	SOD (SY)
6TH STREET	18	16	5	0.1	353
SUB-TOTAL	18	16	5	0.1	353
AS DIRECTED	2	0	0	0	7
TOTAL	20	16	5	0.1	360

SUMMARY OF DRAINAGE			
	611-3000	611-3010	611-8050
LOCATION	RECONSTR CATCH BASIN, GROUP 1 (EA)	RECONSTR DROP INLET, GROUP 1 (EA)	ADJUST MANHOLE TO GRADE (EA)
6TH STREET	13	5	51
SUB-TOTAL	13	5	51
AS DIRECTED	2	0	4
TOTAL	15	5	55

SUMMARY OF ROADWAY PAVING				
	402-1812	402-4510	413-0750	432-5010
LOCATION	RECYCLED ASPH CONC LEVELING, INCL BITUM MATL & H LIME (TON)	RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL POLYMER-MODIFIED BITUM MATL & H LIME (TON)	TACK COAT (GAL)	MILL ASPH CONC PVMT, VARIABLE DEPTH (SQ YDS)
6TH STREET	250	1105	1340	13383
SUB-TOTAL	250	1105	1340	13383
AS DIRECTED	0	95	60	17
TOTAL	250	1200	1400	13400

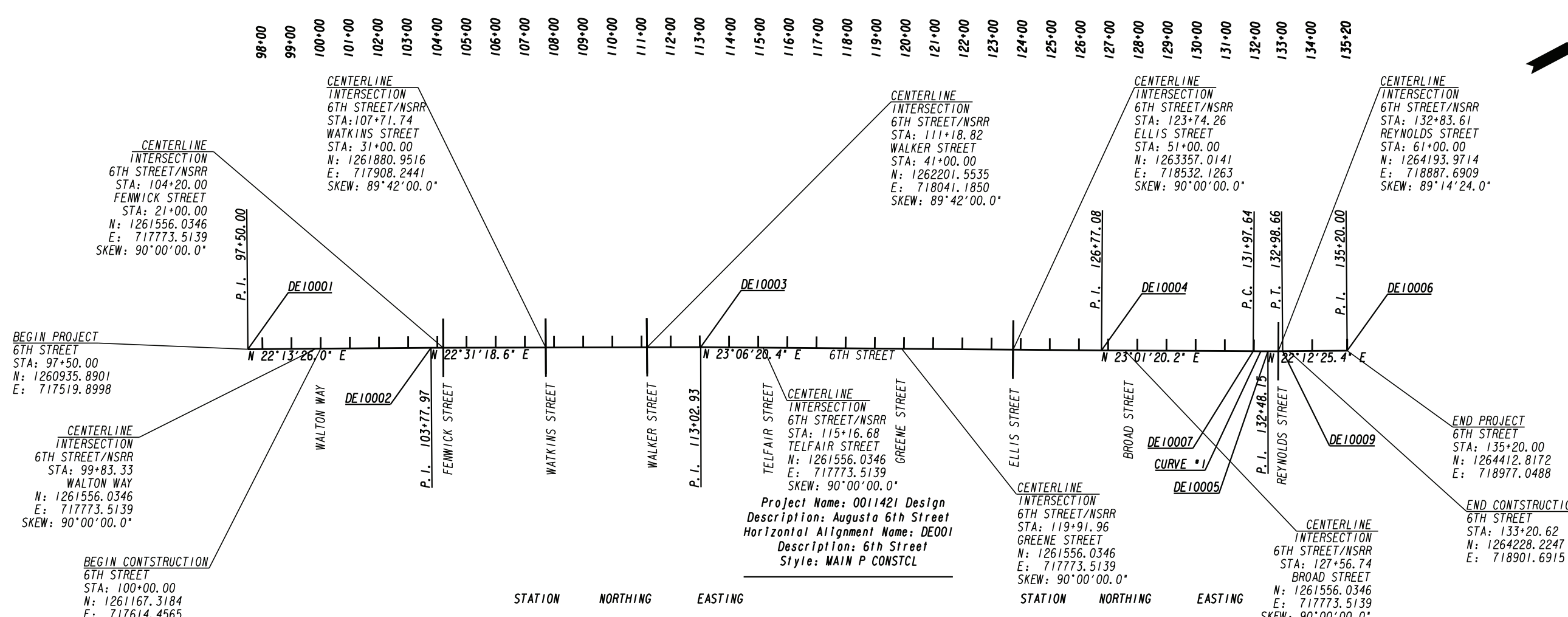
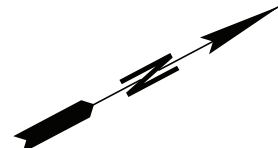
SUMMARY OF PAVEMENT MARKING					
	653-0100	653-1501	653-1502	653-1704	653-1804
LOCATION	THERMOPLASTIC PVMT MARKING, RR/HWY CROSSING SYMBOL (EA)	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, WHITE (LIN FT)	THERMOPLASTIC SOLID TRAF STRIPE, 5 IN, YELLOW (LIN FT)	THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE (LIN FT)	THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE (LIN FT)
6TH STREET	1	2283	4800	280	2525
SUB-TOTAL	1	2283	4800	280	2525
AS DIRECTED	0	17	0	0	75
TOTAL	1	2300	4800	280	2600

SUMMARY OF CURB & GUTTER		
	310-1101	441-6216
LOCATION	GR AGGR BASE CRS, INCL MATL (TON)	CONC CURB & GUTTER, 8 IN X 24 IN, TP 2 (LIN FT)
6TH STREET	621	4968
SUB-TOTAL	621	4968
AS DIRECTED	9	32
TOTAL	630	5000

SUMMARY OF LIGHTING QUANTITIES												
	680-4110	680-6130	682-1405	682-1406	682-1407	682-6219	682-6221	682-6230	682-6232	682-2110	682-9022	682-9950
LOCATION	LIGHTING STD, 11-15 FT MH, POST TOP (EA)	LIMINAIRE, TP 3, LED (EA)	CABLE, TP XHHW, AWG NO 8 (LF)	CABLE, TP XHHW, AWG NO 6 (LF)	CABLE, TP XHHW, AWG NO 4 (LF)	CONDUIT, NONMETAL, TP 2, 1 IN (LF)	CONDUIT, NONMETAL, TP 2, 1 1/2 IN (LF)	CONDUIT, NONMETAL, TP 3, 1 IN (LF)	CONDUIT, NONMETAL, TP 3, 1 1/2 IN (LF)	ELECTRICAL SERVICE POINT (EA)	ELECTRICAL JUNCTION BOX, REINFORCED PLASTIC MORTAR (EA)	DIRECTIONAL BORE - 2 IN (LF)
6TH STREET	73	83	1065	17750	6585	2555	1165	1865	825	1	60	2690
SUB-TOTAL	73	83	1065	17750	6585	2555	1165	1865	825	1	60	2690
AS DIRECTED	2	2	35	250	15	45	35	35	5	0	0	10
TOTAL	75	85	1100	18000	6600	2600	1200	1900	830	1	60	2700

SUMMARY OF SIDEWALK	
	441-0104
LOCATION	CONC SIDEWALK, 4 IN (SQ YD)
6TH STREET	2160
SUB-TOTAL	2160
AS DIRECTED	40
TOTAL	2200

REVISION DATES		SUMMARY QUANTITIES	
NO.	DATE	6TH STREET IMPROVEMENT	
		TAYLOR STREET TO REYNOLDS STREET	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	06-0001	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



**BEGIN PROJECT**  
6TH STREET  
STA: 97+50.00  
N: 1260935.8901  
E: 717519.8998

**CENTERLINE INTERSECTION**  
6TH STREET/NSRR  
STA: 99+83.33  
WALTON WAY  
N: 1261556.0346  
E: 717773.5139  
SKEW: 90°00'00.0"

**BEGIN CONSTRUCTION**  
6TH STREET  
STA: 100+00.00  
N: 1261167.3184  
E: 717614.4565

**CENTERLINE INTERSECTION**  
6TH STREET/NSRR  
STA: 107+71.74  
WATKINS STREET  
STA: 31+00.00  
N: 1261880.9516  
E: 717908.2441  
SKEW: 89°42'00.0"

**CENTERLINE INTERSECTION**  
6TH STREET/NSRR  
STA: 111+18.82  
WALKER STREET  
STA: 41+00.00  
N: 1262201.5535  
E: 718041.1850  
SKEW: 89°42'00.0"

**CENTERLINE INTERSECTION**  
6TH STREET/NSRR  
STA: 123+74.26  
ELLIS STREET  
STA: 51+00.00  
N: 1263357.0141  
E: 718532.1263  
SKEW: 90°00'00.0"

**CENTERLINE INTERSECTION**  
6TH STREET/NSRR  
STA: 132+83.61  
REYNOLDS STREET  
STA: 61+00.00  
N: 1264193.9714  
E: 718887.6909  
SKEW: 89°14'24.0"

**Project Name:** 0011421 Design  
**Description:** Augusta 6th Street  
**Horizontal Alignment Name:** DE001  
**Description:** 6th Street  
**Style:** MAIN P CONSTCL

Element	Station	Northing	Easting
Element: Linear			
POB (DE10001)	97+50.00	1260935.8901	717519.8998
P. I. (DE10002)	103+77.97	1261517.2136	717757.4164
Tangent Direction:	N 22°13'26.0" E		
Tangent Length:	627.97		
Element: Linear			
P. I. (DE10002)	103+77.97	1261517.2136	717757.4164
P. I. (DE10003)	113+02.93	1262371.6300	718111.7090
Tangent Direction:	N 22°31'18.6" E		
Tangent Length:	924.96		
Element: Linear			
P. I. (DE10003)	113+02.93	1262371.6300	718111.7090
P. I. (DE10004)	126+77.08	1263635.5472	718650.9633
Tangent Direction:	N 23°06'20.4" E		
Tangent Length:	1374.15		
Element: Linear			
P. I. (DE10004)	126+77.08	1263635.5472	718650.9633
P. C. (DE10007)	131+97.64	1264114.6426	718854.5470
Tangent Direction:	N 23°01'20.2" E		
Tangent Length:	520.56		

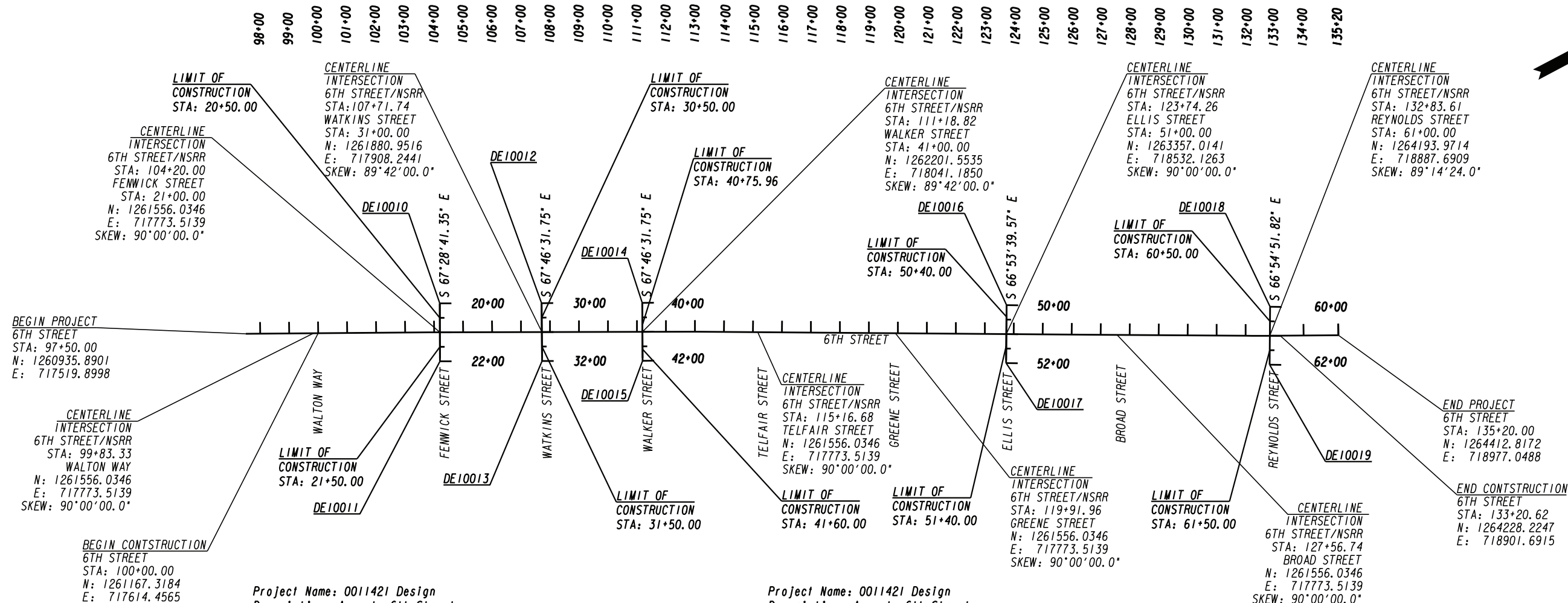
Element	Station	Northing	Easting
Element: Circular - CURVE #1			
P. C. (DE10007)	131+97.64	1264114.6426	718854.5470
P. I. (DE10005)	132+48.15	1264161.1308	718874.3014
C. C. (DE10008)	132+98.66	1266891.3731	712320.0411
P. T. (DE10009)	132+98.66	1264207.8954	718893.3924
Radius:	7100.00		
Delta:	00°48'54.8" Left		
Degree of Curvature(Arc):	00°48'25.1"		
Length:	101.02		
Tangent:	50.51		
Chord:	101.02		
Middle Ordinate:	0.18		
External:	0.18		
Tangent Direction:	N 23°01'20.2" E		
Radial Direction:	S 66°58'39.8" E		
Chord Direction:	N 22°36'52.8" E		
Radial Direction:	S 67°47'34.6" E		
Tangent Direction:	N 22°12'25.4" E		
Element: Linear			
P. T. (DE10009)	132+98.66	1264207.8954	718893.3924
POE (DE10006)	135+20.00	1264412.8172	718977.0488
Tangent Direction:	N 22°12'25.4" E		
Tangent Length:	221.34		

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REVISION DATES		CONSTRUCTION LAYOUT/6TH STREET AUGUSTA 6TH STREET IMPROVEMENT TAYLOR STREET TO REYNOLDS STREET	
CHECKED:	DATE:	CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
VERIFIED:	DATE:		
		DRAWING No. <b>11-0001</b>	





BEGIN PROJECT  
6TH STREET  
STA: 97+50.00  
N: 1260935.8901  
E: 717519.8998

CENTERLINE INTERSECTION  
6TH STREET/NSRR  
STA: 99+83.33  
WALTON WAY  
N: 1261556.0346  
E: 717773.5139  
SKEW: 90°00'00.0"

BEGIN CONSTRUCTION  
6TH STREET  
STA: 100+00.00  
N: 1261167.3184  
E: 717614.4565

Project Name: 0011421 Design  
Description: Augusta 6th Street  
Horizontal Alignment Name: DE002  
Description: Fenwick Street  
Style: MAIN P SIDECL

Element: Linear	STATION	NORTHING	EASTING
POB ( DE10010)	20+00.00	1261594.3382	717681.1405
POE ( DE10011)	22+00.00	1261517.7310	717865.8873
Tangent Direction:	S 67°28'41.4" E		
Tangent Length:	200.00		

Project Name: 0011421 Design  
Description: Augusta 6th Street  
Horizontal Alignment Name: DE003  
Description: Watkins Street  
Style: MAIN P SIDECL

Element: Linear	STATION	NORTHING	EASTING
POB ( DE10012)	30+00.00	1261918.7758	717815.6720
POE ( DE10013)	32+00.00	1261843.1275	718000.8161
Tangent Direction:	S 67°46'31.7" E		
Tangent Length:	200.00		

Project Name: 0011421 Design  
Description: Augusta 6th Street  
Horizontal Alignment Name: DE004  
Description: Walker Street  
Style: MAIN P SIDECL

Element: Linear	STATION	NORTHING	EASTING
POB ( DE10014)	40+00.00	1262239.3777	717948.6129
POE ( DE10015)	42+00.00	1262163.7293	718133.7570
Tangent Direction:	S 67°46'31.7" E		
Tangent Length:	200.00		

Project Name: 0011421 Design  
Description: Augusta 6th Street  
Horizontal Alignment Name: DE005  
Description: Ellis Street  
Style: MAIN P SIDECL

Element: Linear	STATION	NORTHING	EASTING
POB ( DE10016)	50+00.00	1263396.2570	718440.1480
POE ( DE10017)	52+00.00	1263317.7713	718624.1046
Tangent Direction:	S 66°53'39.6" E		
Tangent Length:	200.00		

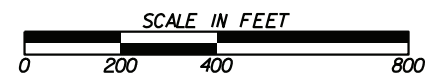
Project Name: 0011421 Design  
Description: Augusta 6th Street  
Horizontal Alignment Name: DE006  
Description: Reynolds Street  
Style: MAIN P SIDECL

Element: Linear	STATION	NORTHING	EASTING
POB ( DE10018)	60+00.00	1264233.1837	718795.6950
POE ( DE10019)	62+00.00	1264154.7625	718979.6790
Tangent Direction:	S 66°54'51.8" E		
Tangent Length:	200.00		

END PROJECT  
6TH STREET  
STA: 135+20.00  
N: 1264412.8172  
E: 718977.0488

END CONSTRUCTION  
6TH STREET  
STA: 133+20.62  
N: 1264228.2247  
E: 718901.6915

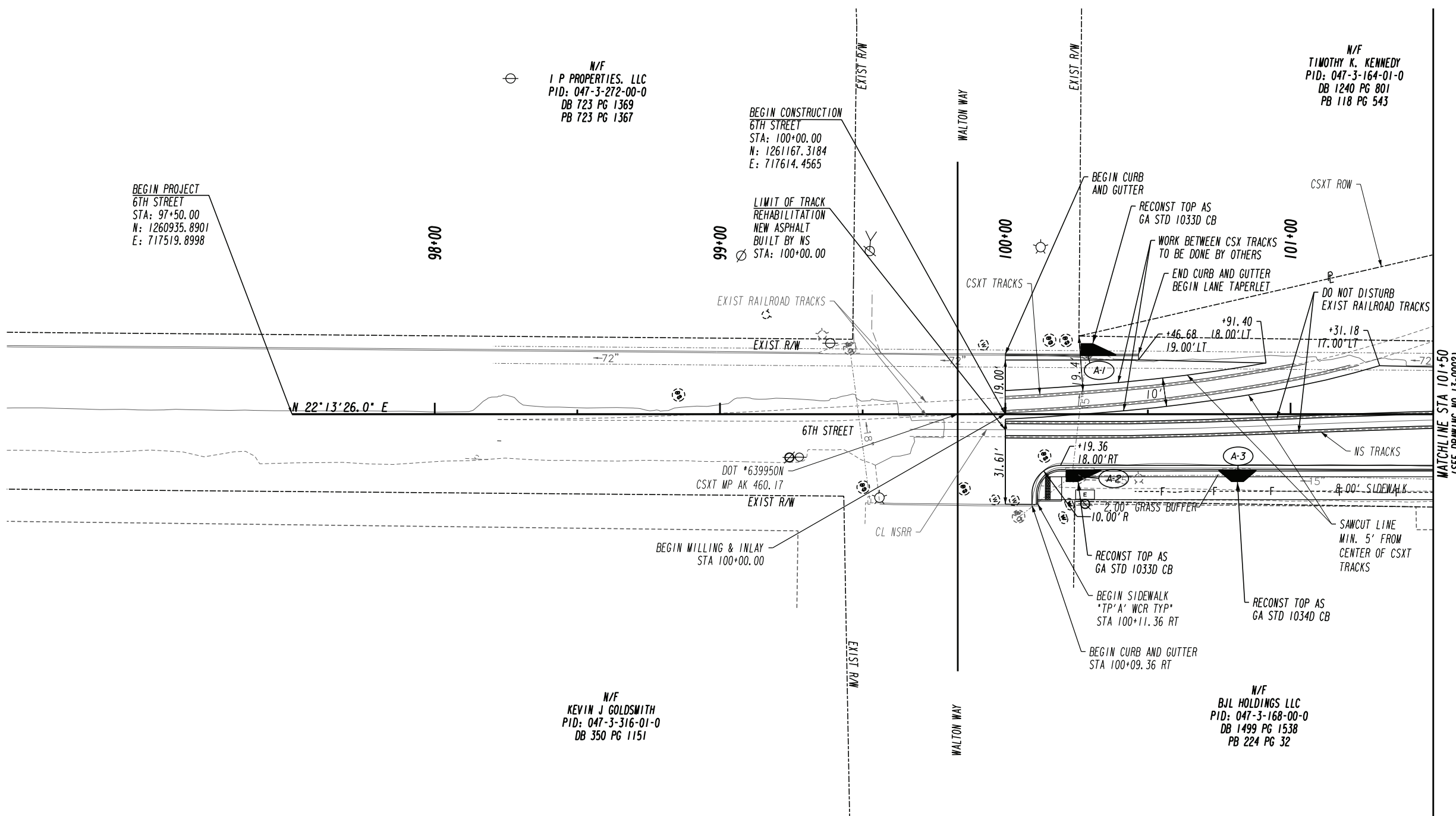
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REVISION DATES	

**CONSTRUCTION LAYOUT/SIDE ROADS**  
AUGUSTA 6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	11-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	



BEGIN PROJECT  
6TH STREET  
STA: 97+50.00  
N: 1260935.8901  
E: 717519.8998

N/F  
I P PROPERTIES, LLC  
PID: 047-3-272-00-0  
DB 723 PG 1369  
PB 723 PG 1367

BEGIN CONSTRUCTION  
6TH STREET  
STA: 100+00.00  
N: 1261167.3184  
E: 717614.4565

LIMIT OF TRACK  
REHABILITATION  
NEW ASPHALT  
BUILT BY NS  
STA: 100+00.00

N/F  
TIMOTHY K. KENNEDY  
PID: 047-3-164-01-0  
DB 1240 PG 801  
PB 118 PG 543

N/F  
KEVIN J GOLDSMITH  
PID: 047-3-316-01-0  
DB 350 PG 1151

N/F  
BJL HOLDINGS LLC  
PID: 047-3-168-00-0  
DB 1499 PG 1538  
PB 224 PG 32

PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----
CONSTRUCTION LIMITS	-----C-----F-----
EASEMENT FOR CONSTR	[Hatched Box]
& MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Hatched Box]

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

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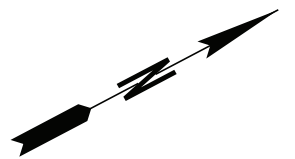
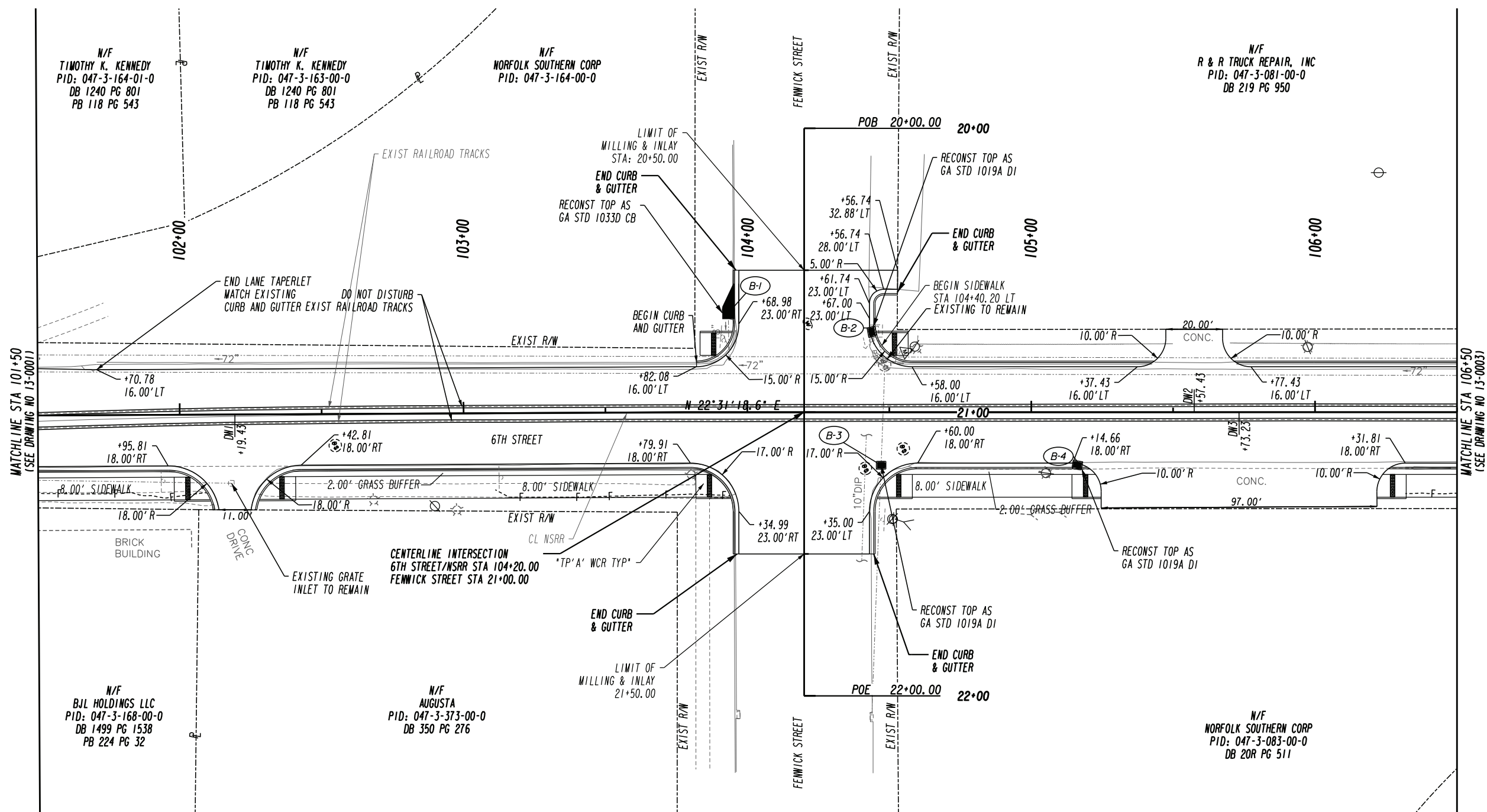
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REVISION DATES	

**CONSTRUCTION PLAN**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

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

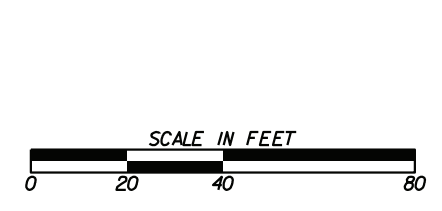


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	▨
EASEMENT FOR CONSTR OF SLOPES	▩
EASEMENT FOR CONSTR OF DRIVES	▧

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

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**ENGINEERING**  
**PLANNING**

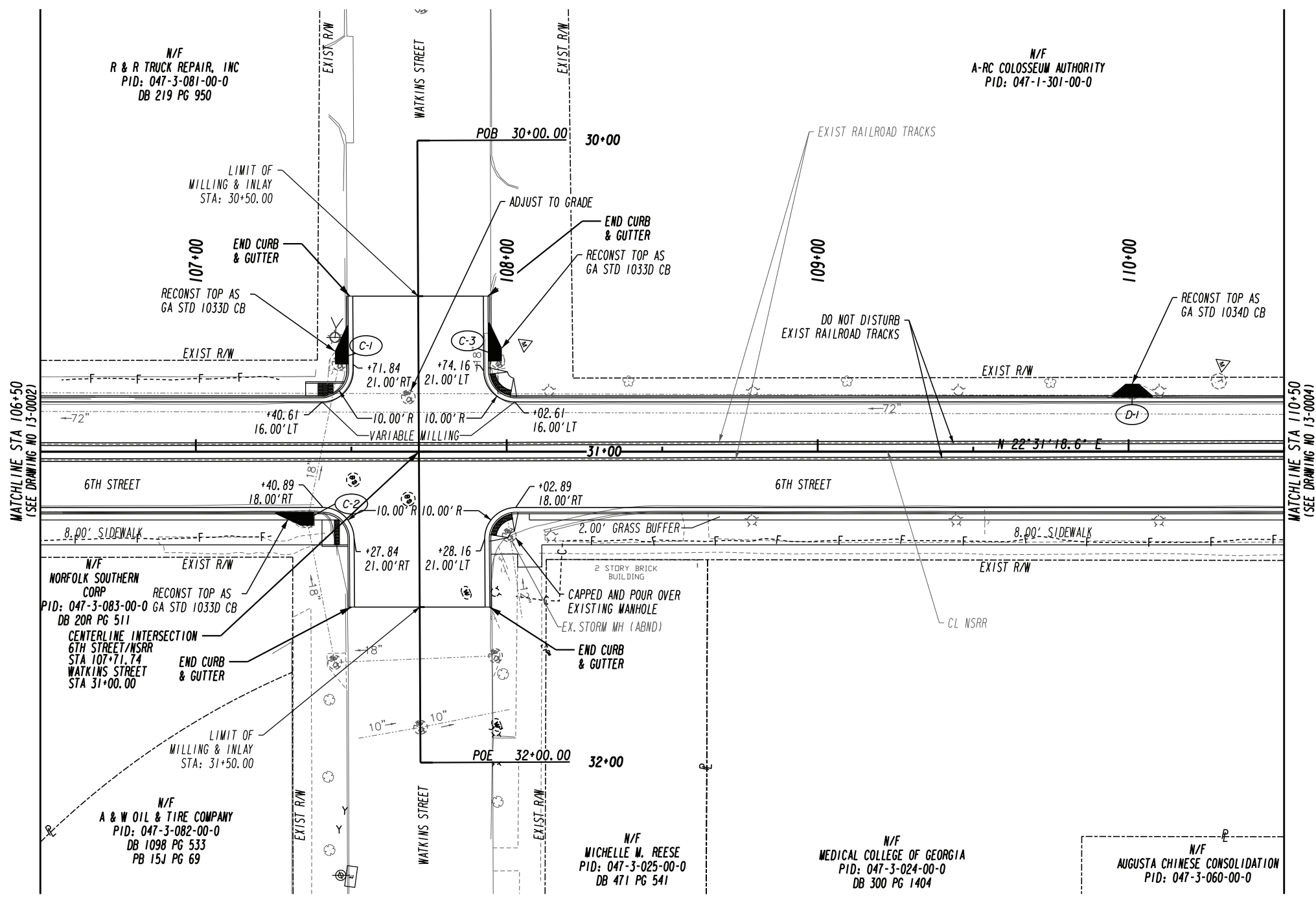
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REVISION DATES	

**CONSTRUCTION PLAN**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

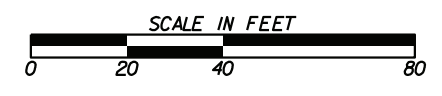


NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING MANHOLES NOT IN USE BEFORE CAPPING OR ABANDONING.

PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----f-----
CONSTRUCTION LIMITS	---C---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---
REQ'D LIMIT OF ACCESS	---o---o---
REQ'D LIMIT OF ACCESS & R/W	---o---o---
ORANGE BARRIER FENCE	---o---o---
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	---o---o---

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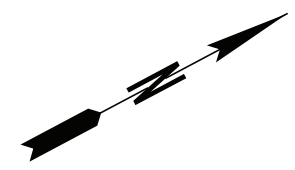
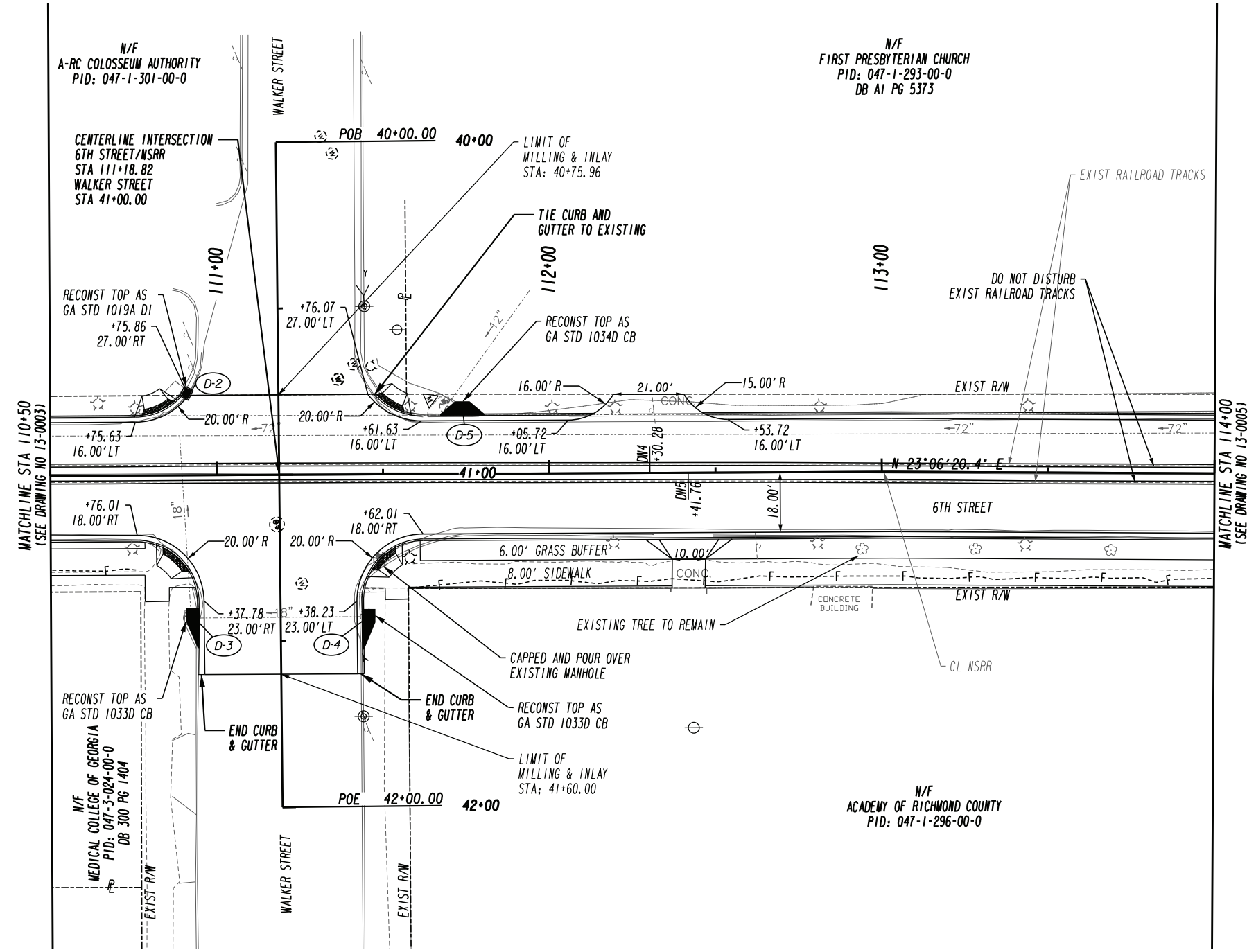


REVISION DATES	

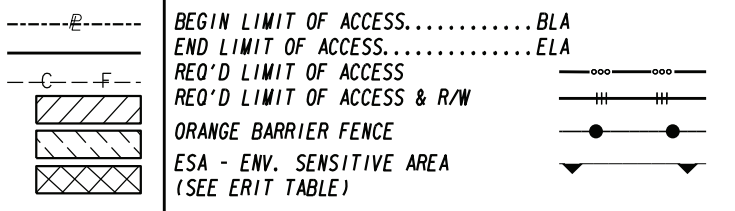
**CONSTRUCTION PLAN**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	

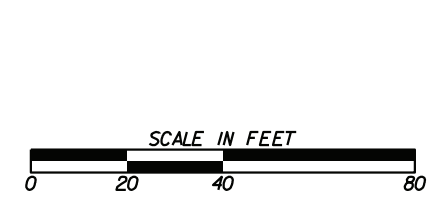




PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



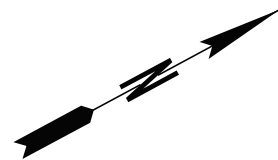
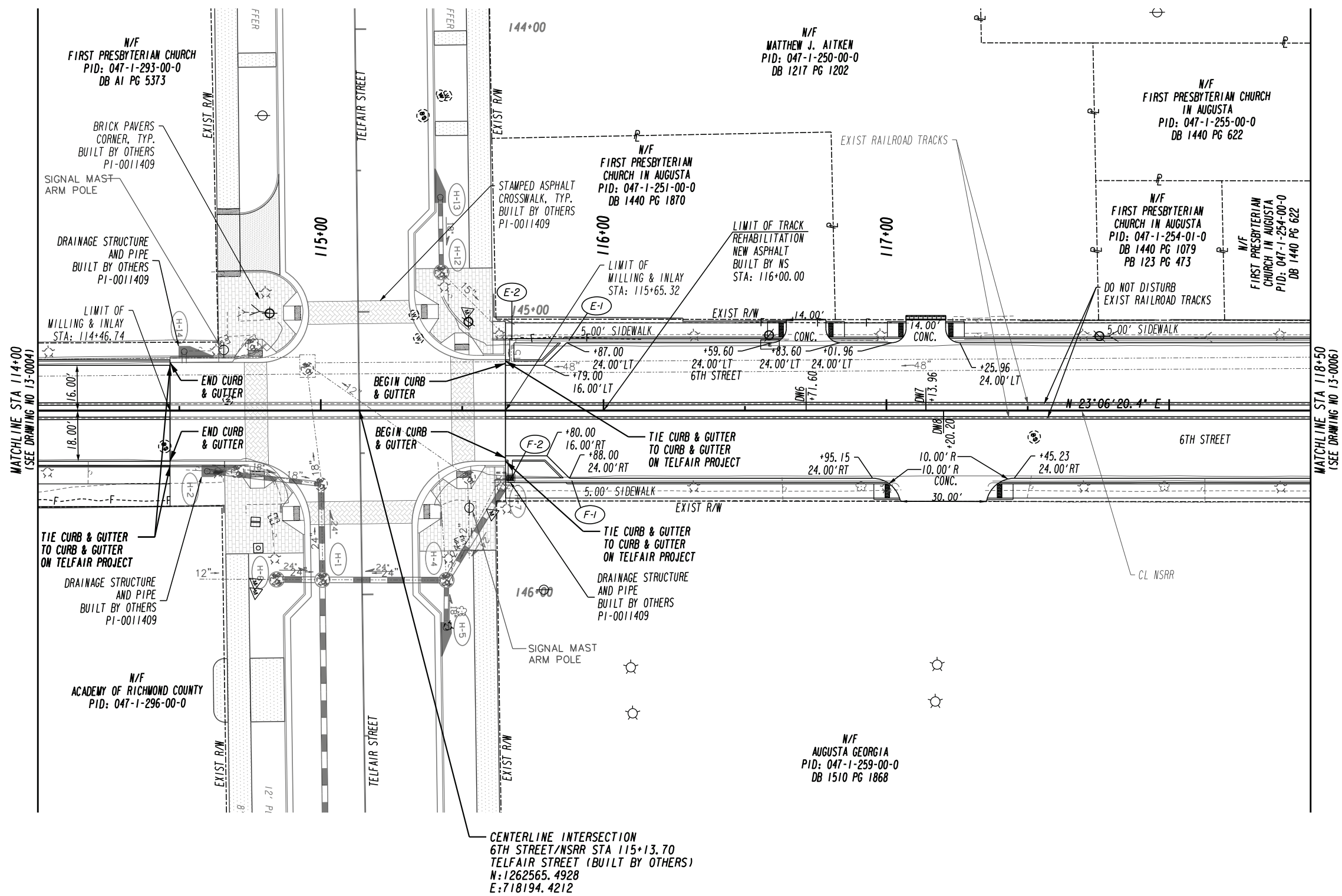
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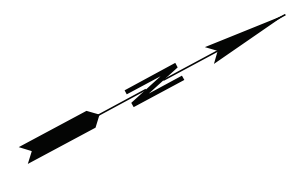
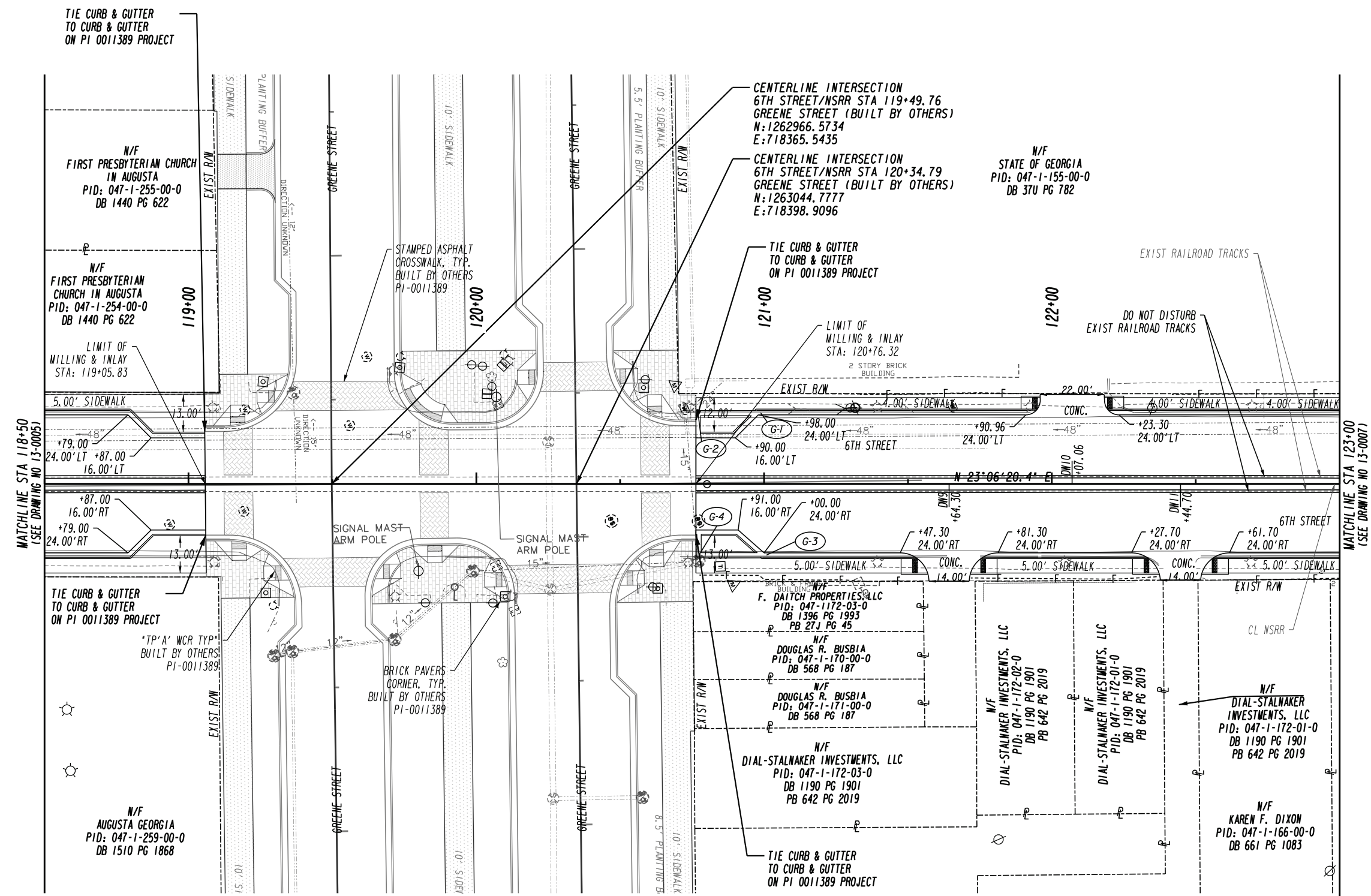


REVISION DATES	

**CONSTRUCTION PLAN**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

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



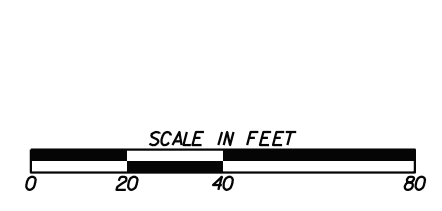


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---/---
EASEMENT FOR CONSTR OF SLOPES	---/---
EASEMENT FOR CONSTR OF DRIVES	---/---

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

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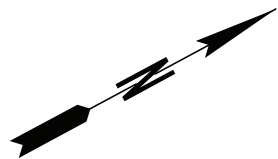
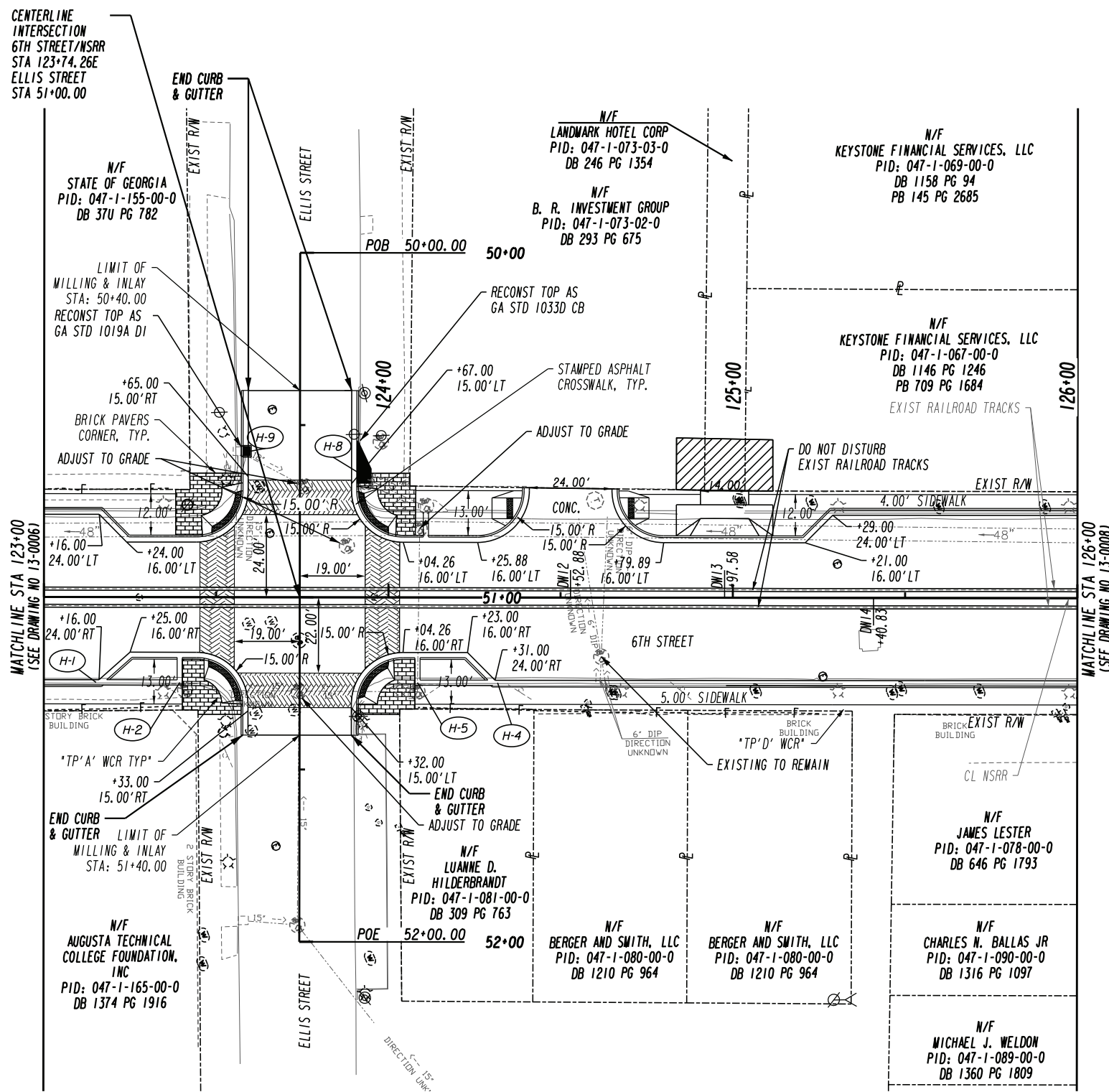


REVISION DATES	

**CONSTRUCTION PLAN**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No. <b>13-0006</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



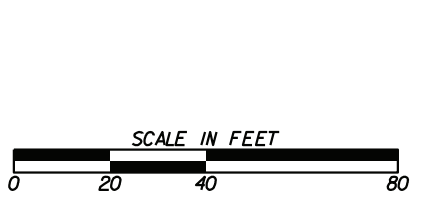


PROPERTY AND EXISTING R/W LINE	- - - - -
REQUIRED R/W LINE	— — — — —
CONSTRUCTION LIMITS	— C — F —
EASEMENT FOR CONSTR	[Diagonal Hatching]
& MAINTENANCE OF SLOPES	[Diagonal Hatching]
EASEMENT FOR CONSTR OF SLOPES	[Diagonal Hatching]
EASEMENT FOR CONSTR OF DRIVES	[Diagonal Hatching]

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

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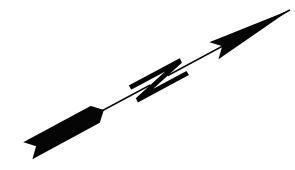
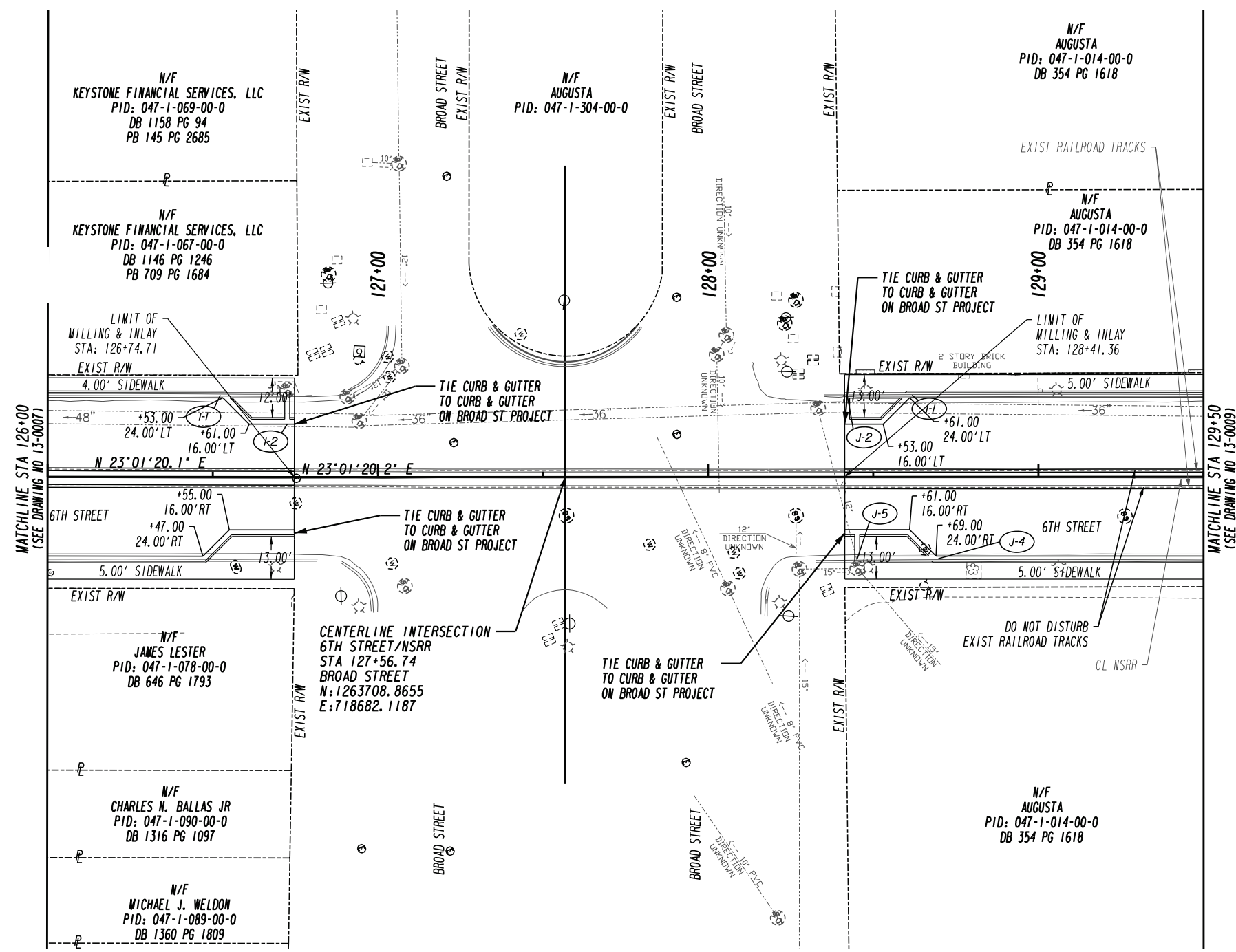
REVISION DATES	

**CONSTRUCTION PLAN**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

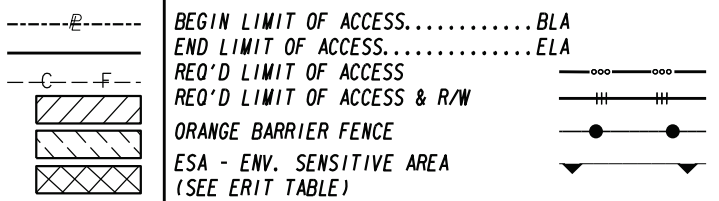
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BACKCHECKED:		DATE:			
CORRECTED:		DATE:			
VERIFIED:		DATE:			

13-0007

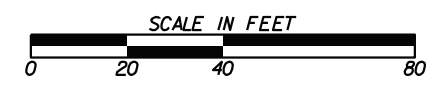




PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



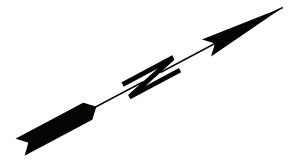
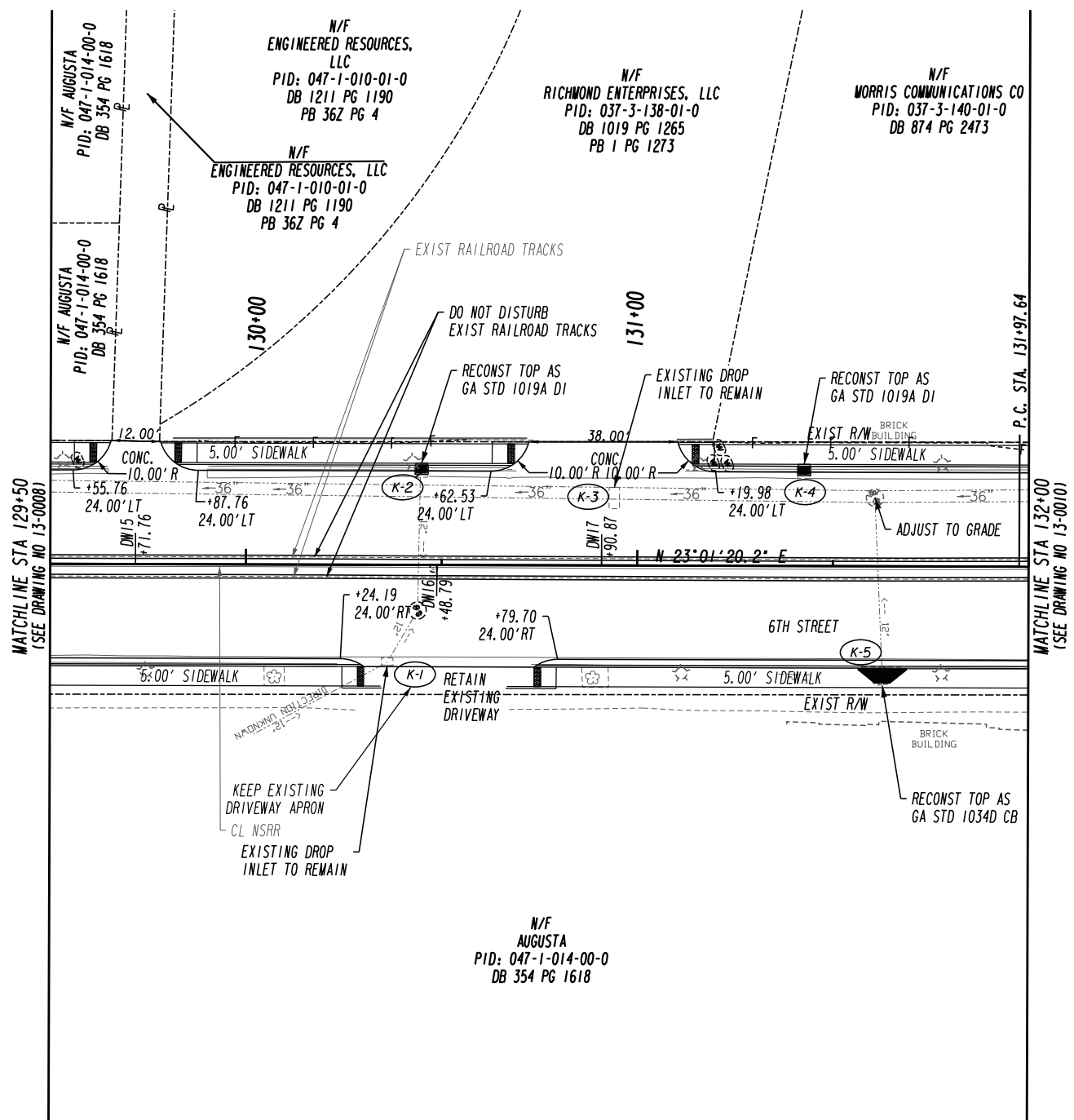
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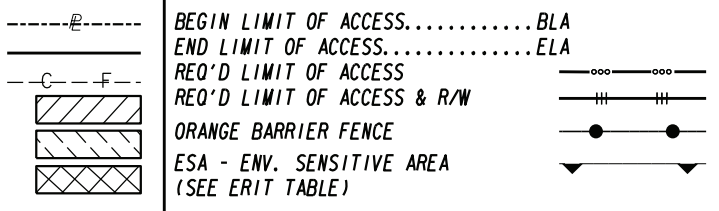
REVISION DATES	

**CONSTRUCTION PLAN**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

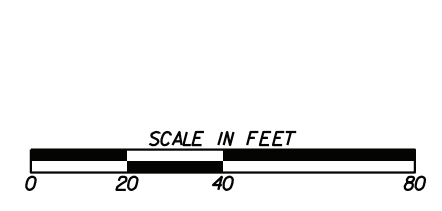
CHECKED:	DATE:	DRAWING No. <b>13-0008</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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



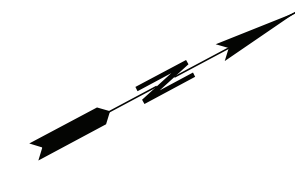
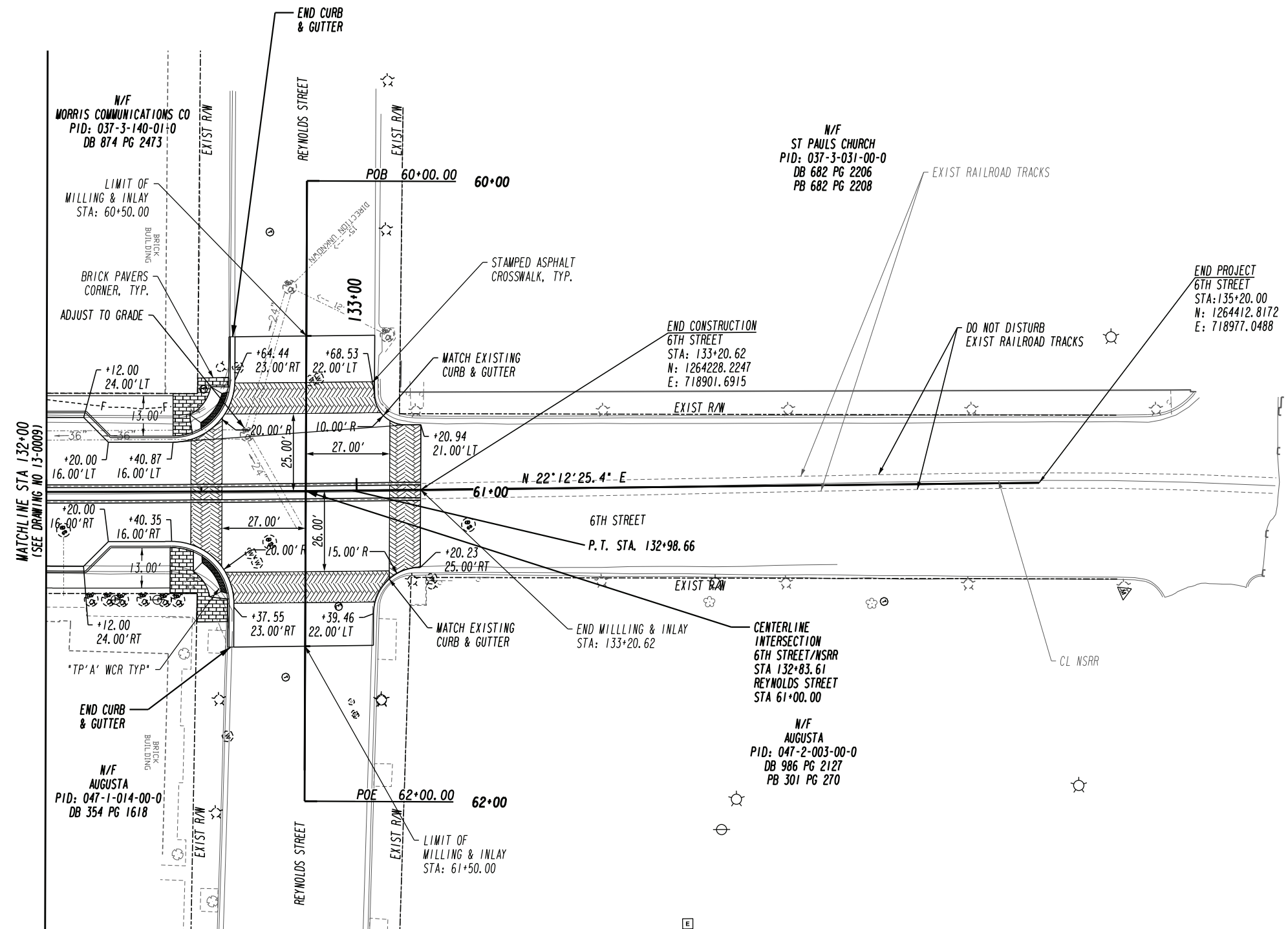
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**CONSTRUCTION PLAN**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

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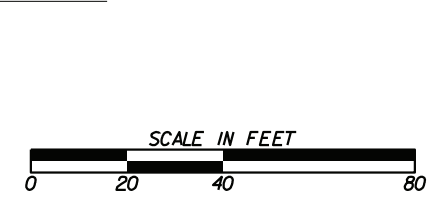


PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----
CONSTRUCTION LIMITS	-----C-----
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	-----F-----
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Cross-hatched Box]

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

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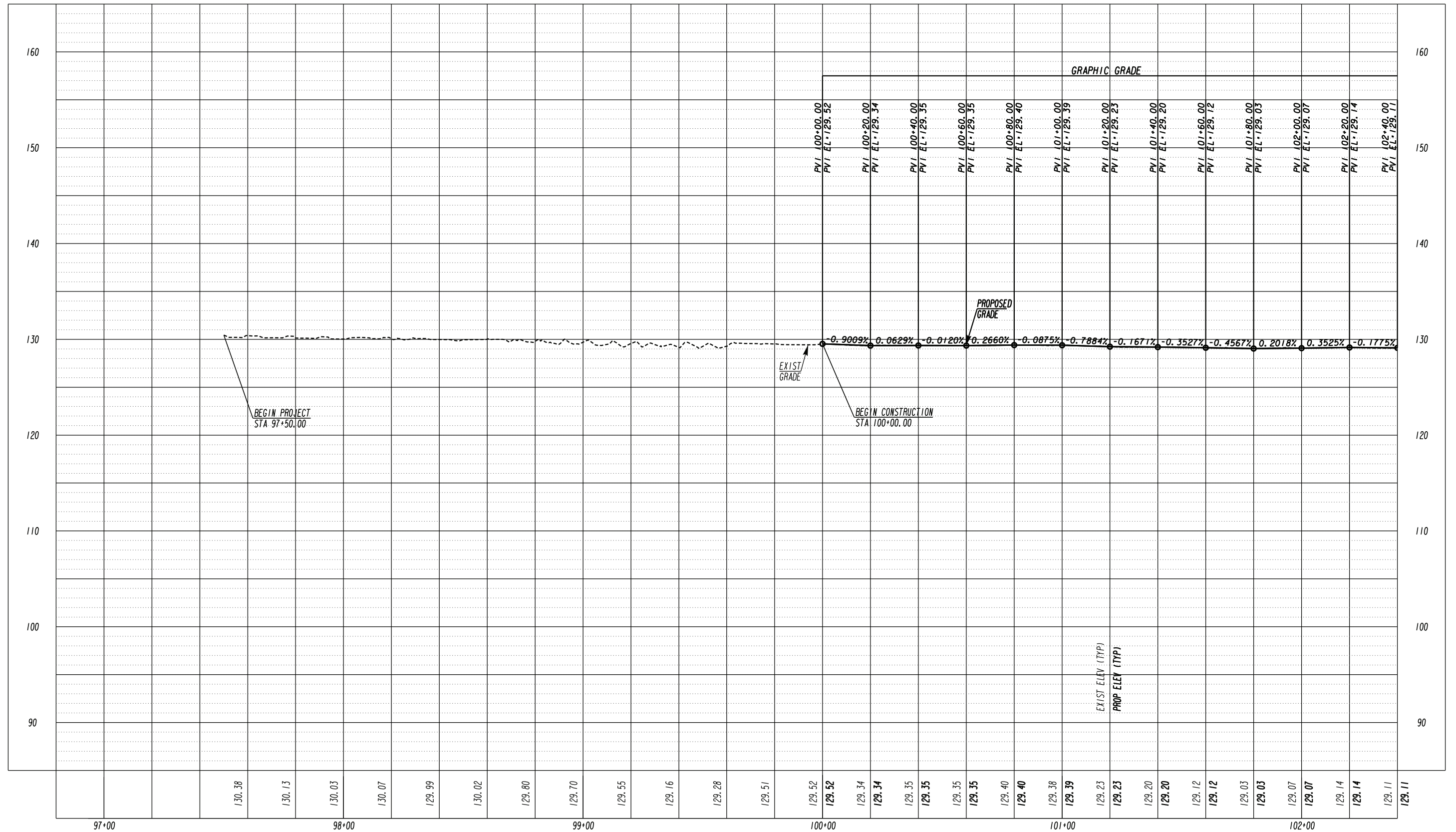
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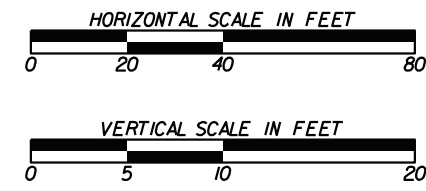
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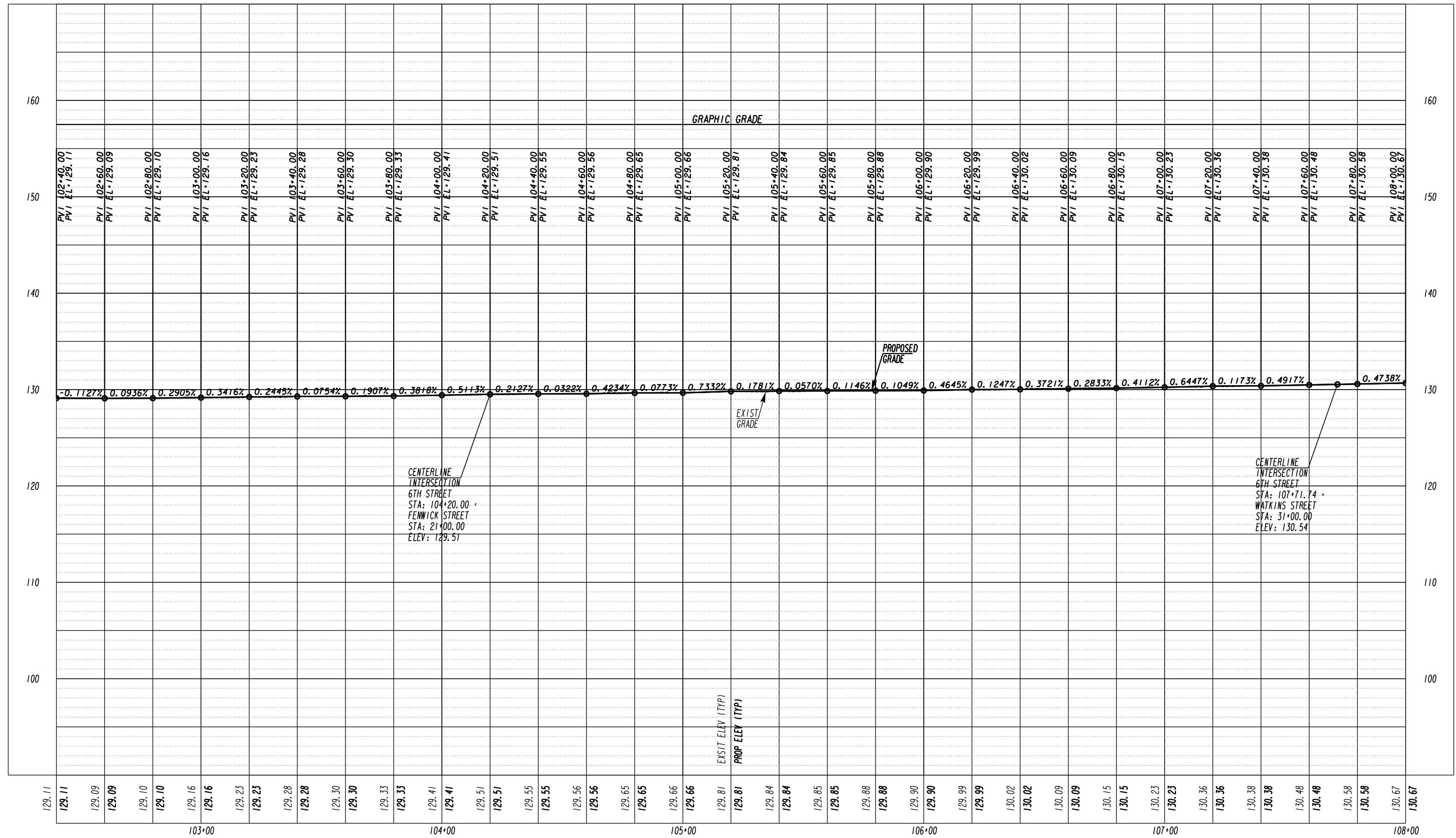


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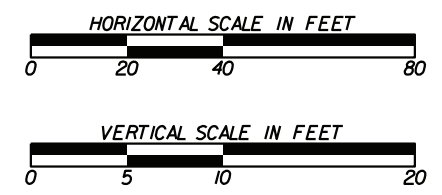
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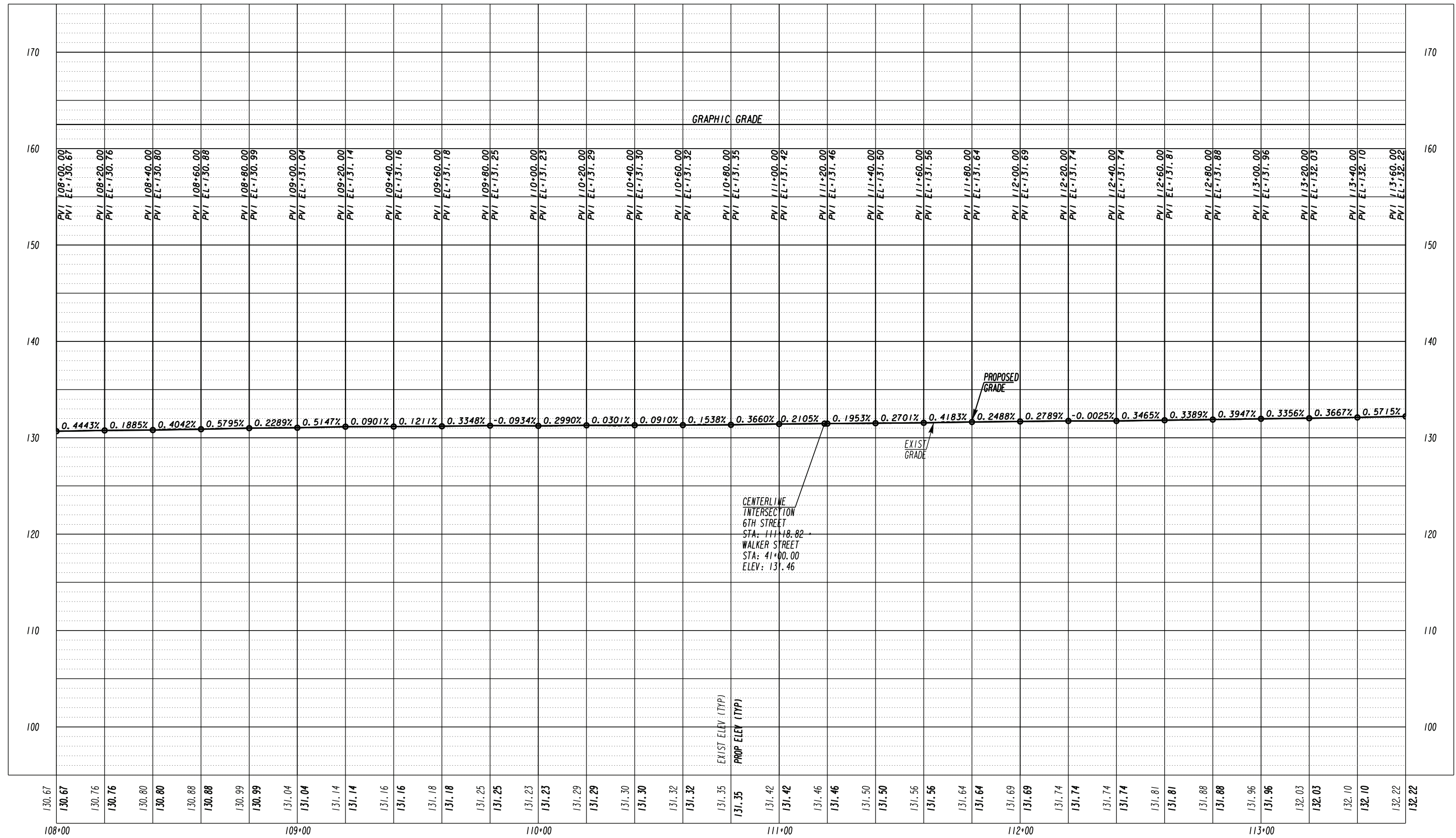
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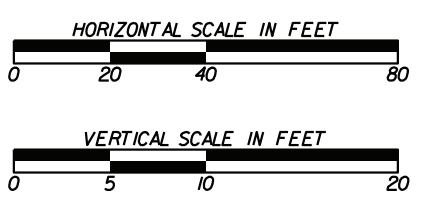
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 TAYLOR STREET TO REYNOLDS STREET

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VERIFIED:	DATE:	



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WALKER STREET  
STA: 41+00.00  
ELEV: 131.46

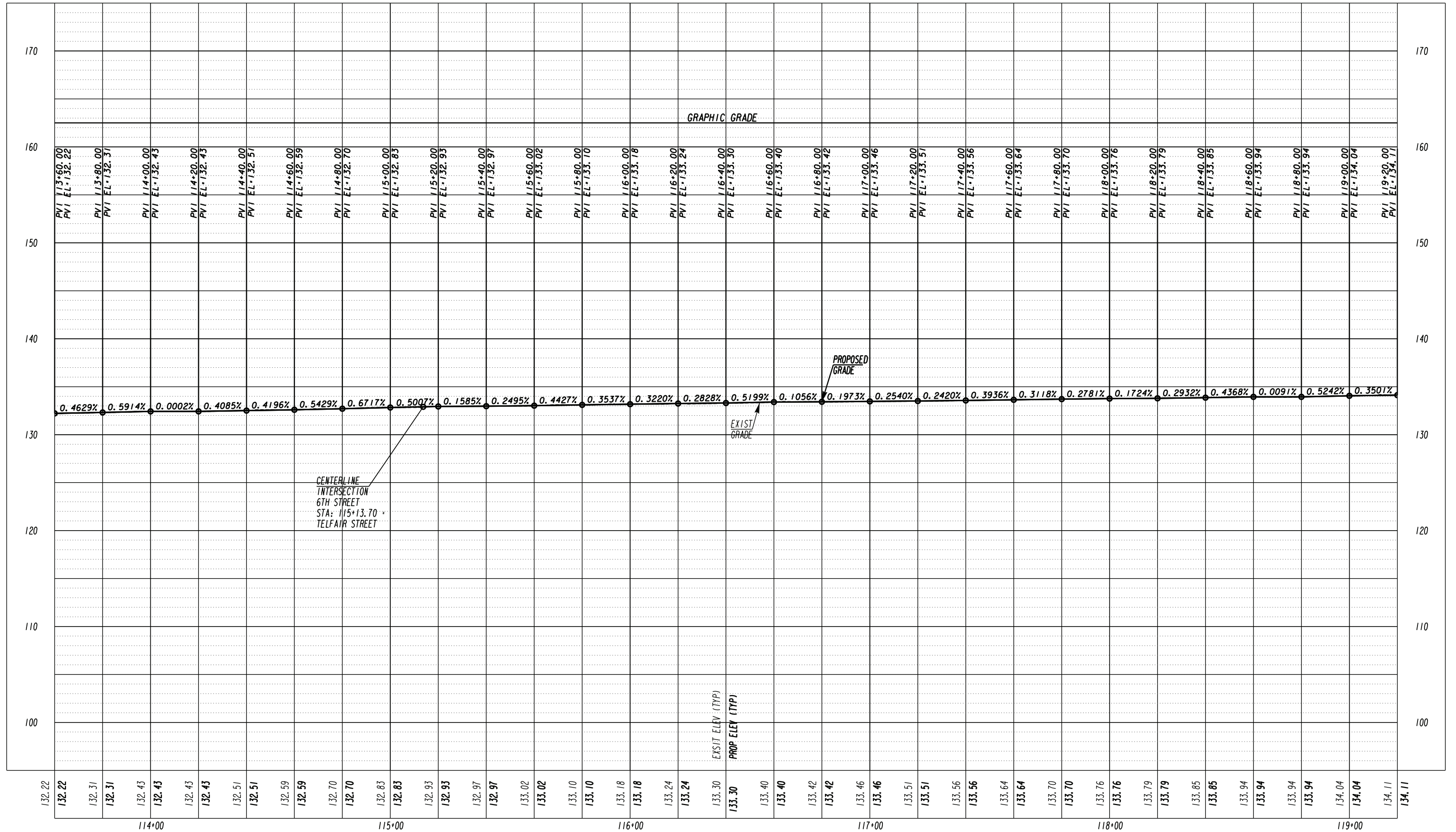
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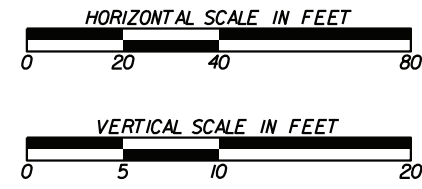
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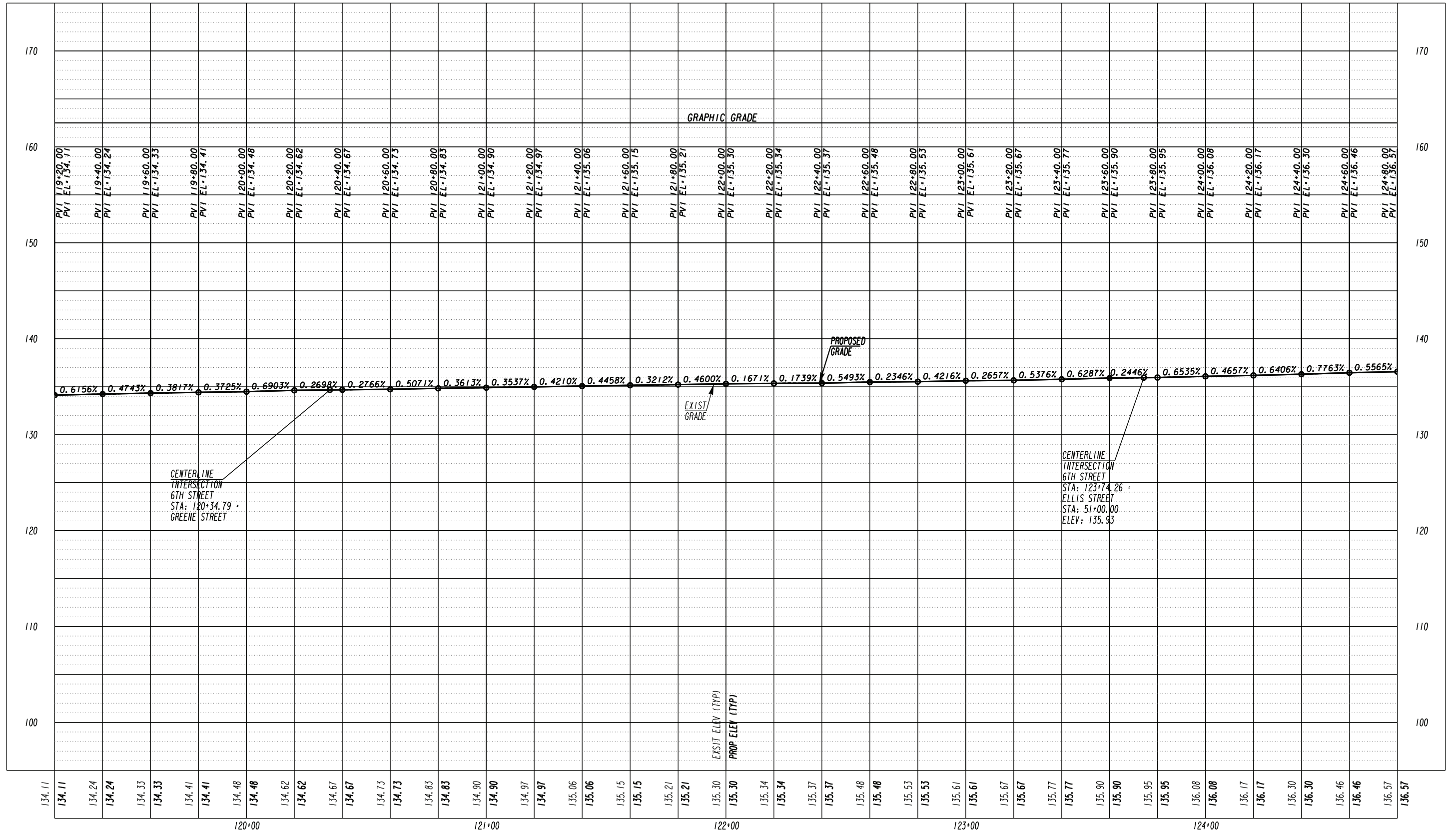
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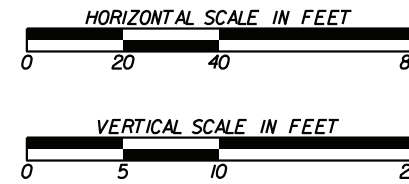
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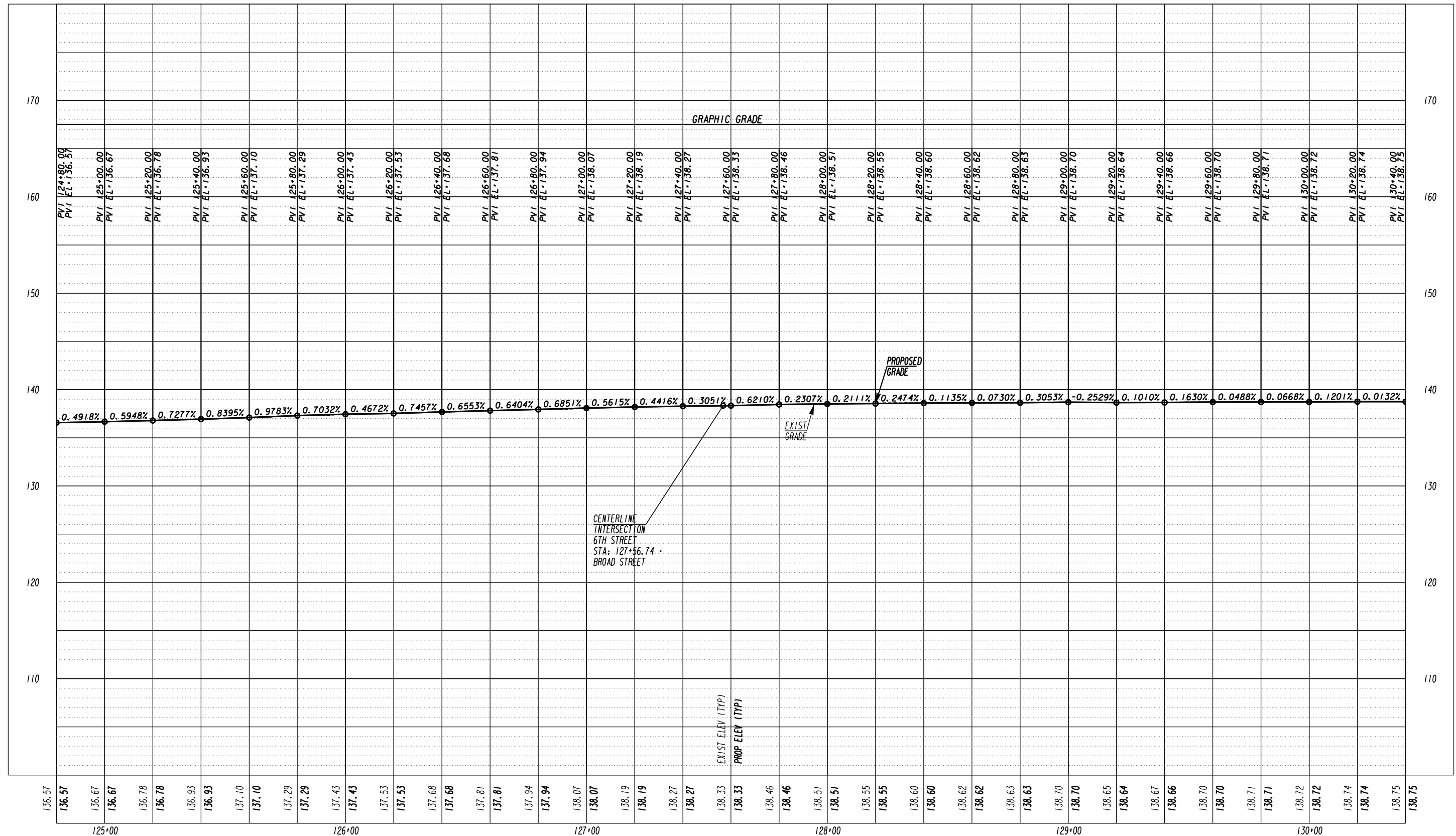


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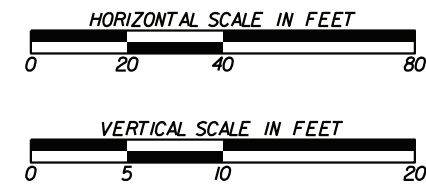
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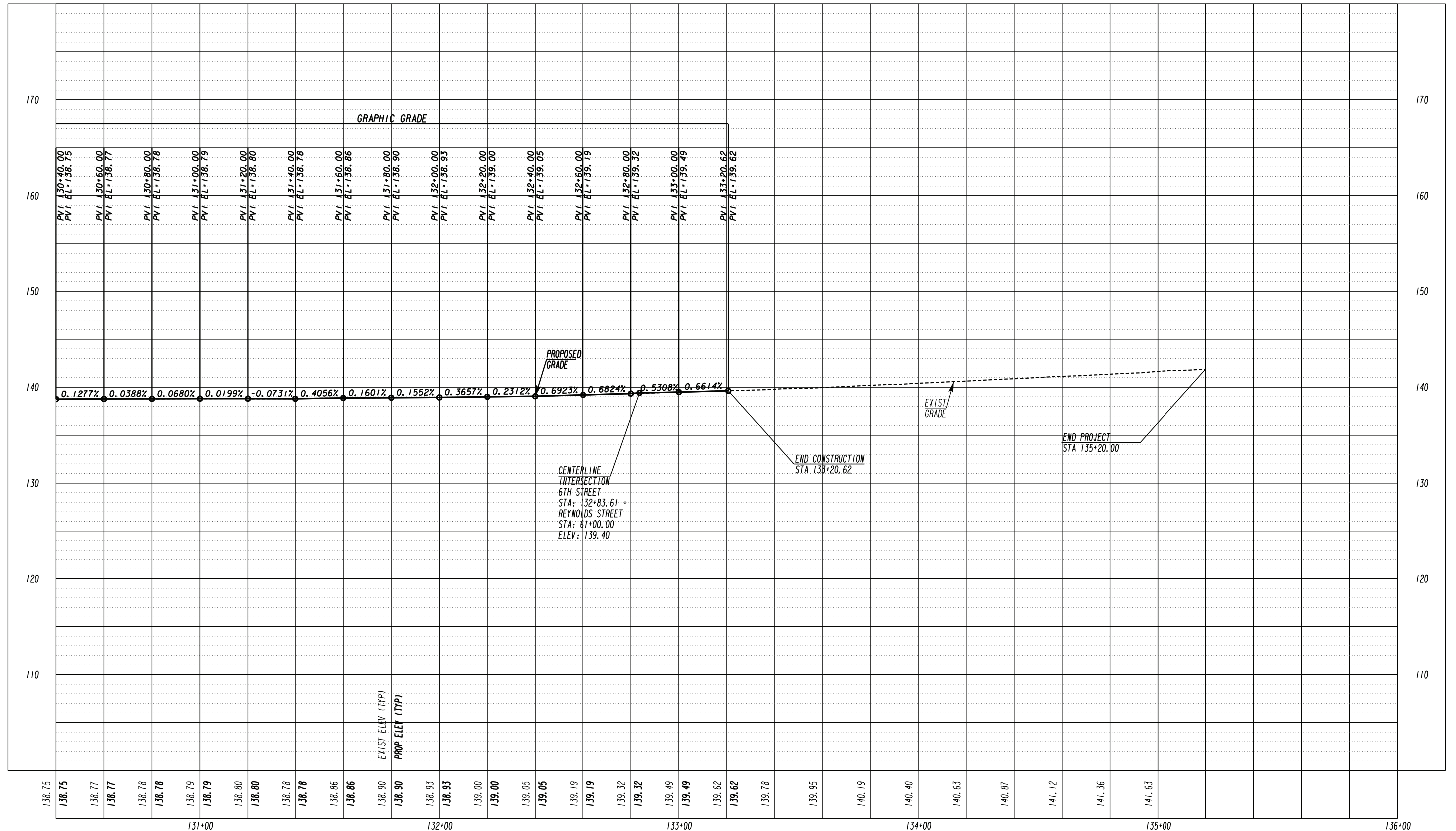
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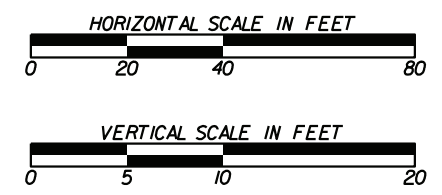
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CHECKED:	DATE:	DRAWING No. <b>15-0006</b>
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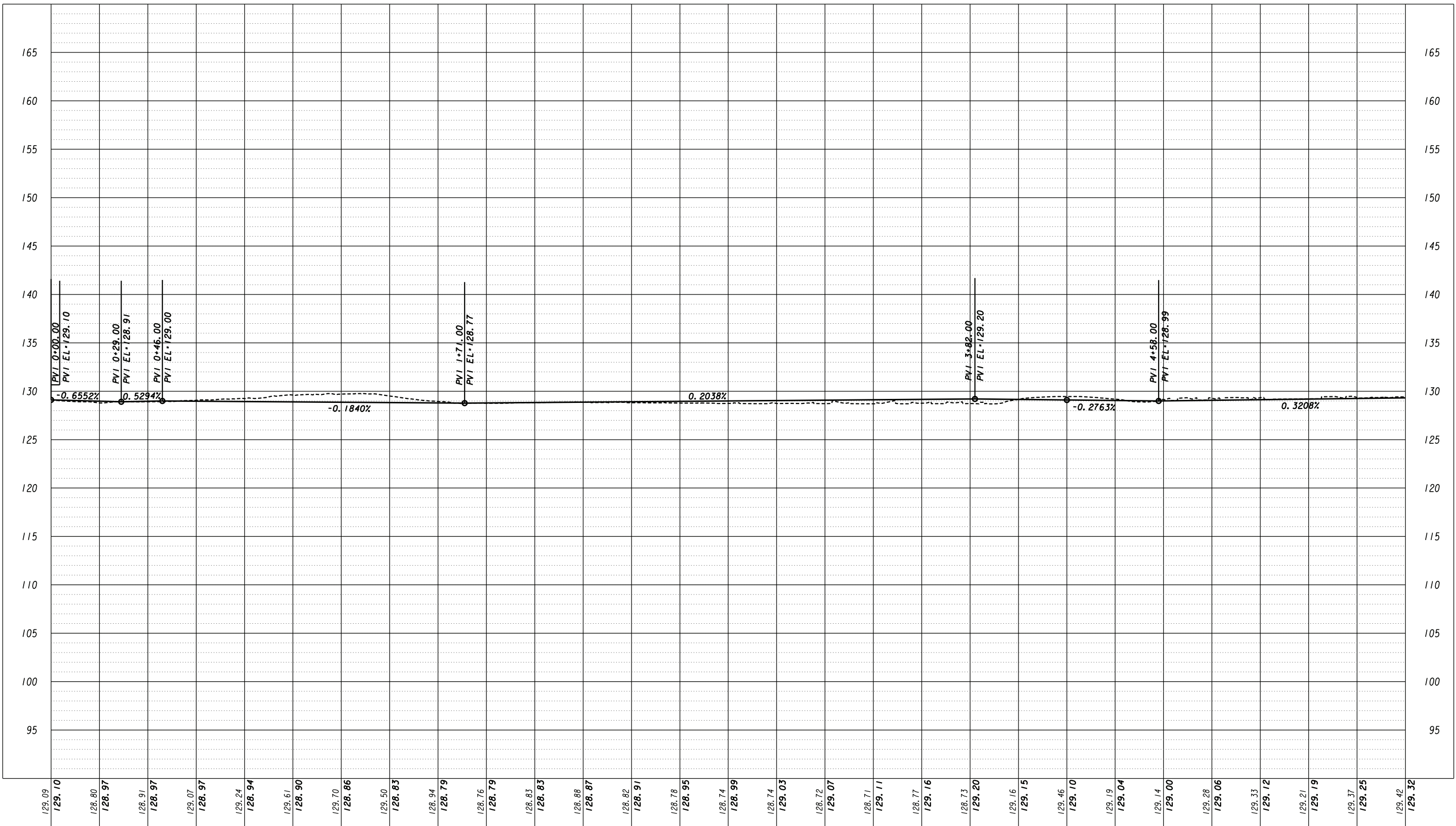
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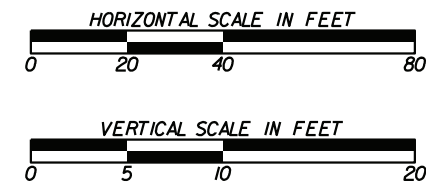
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3+00

4+00

5+00

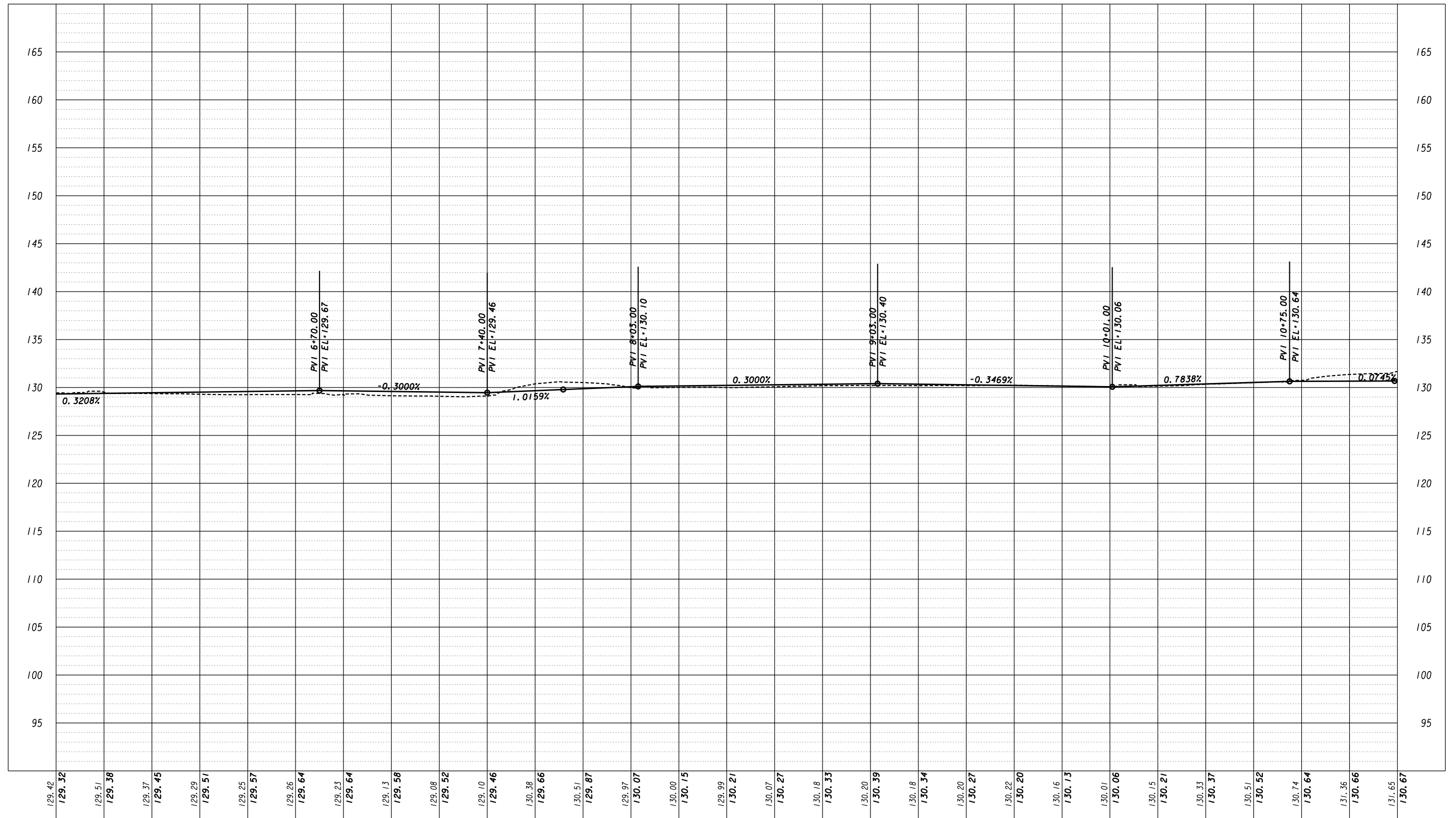
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**EDGE OF PAVEMENT LEFT PROFILE**  
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6+00

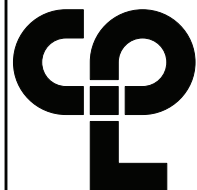
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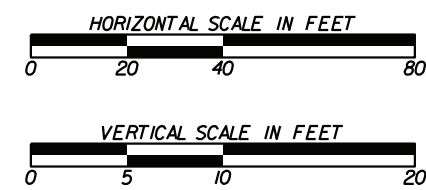
9+00

10+00

11+00



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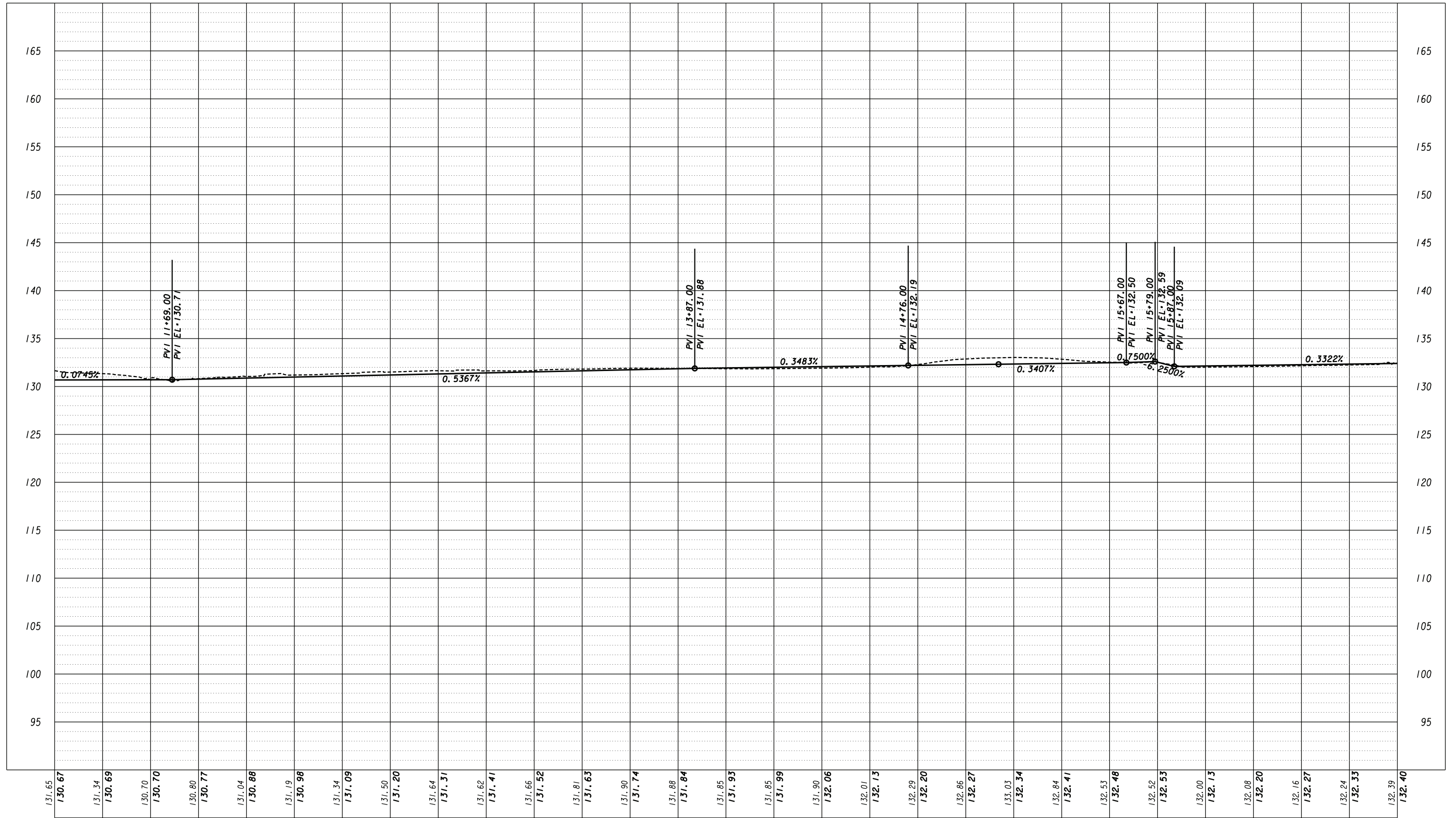


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CHECKED:	DATE:	DRAWING No. <b>15-0009</b>
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CORRECTED:	DATE:	
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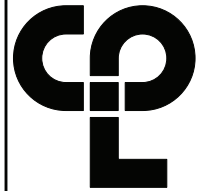
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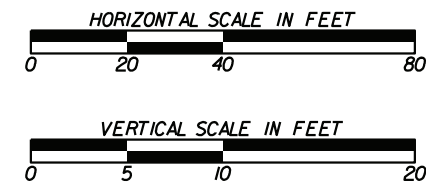
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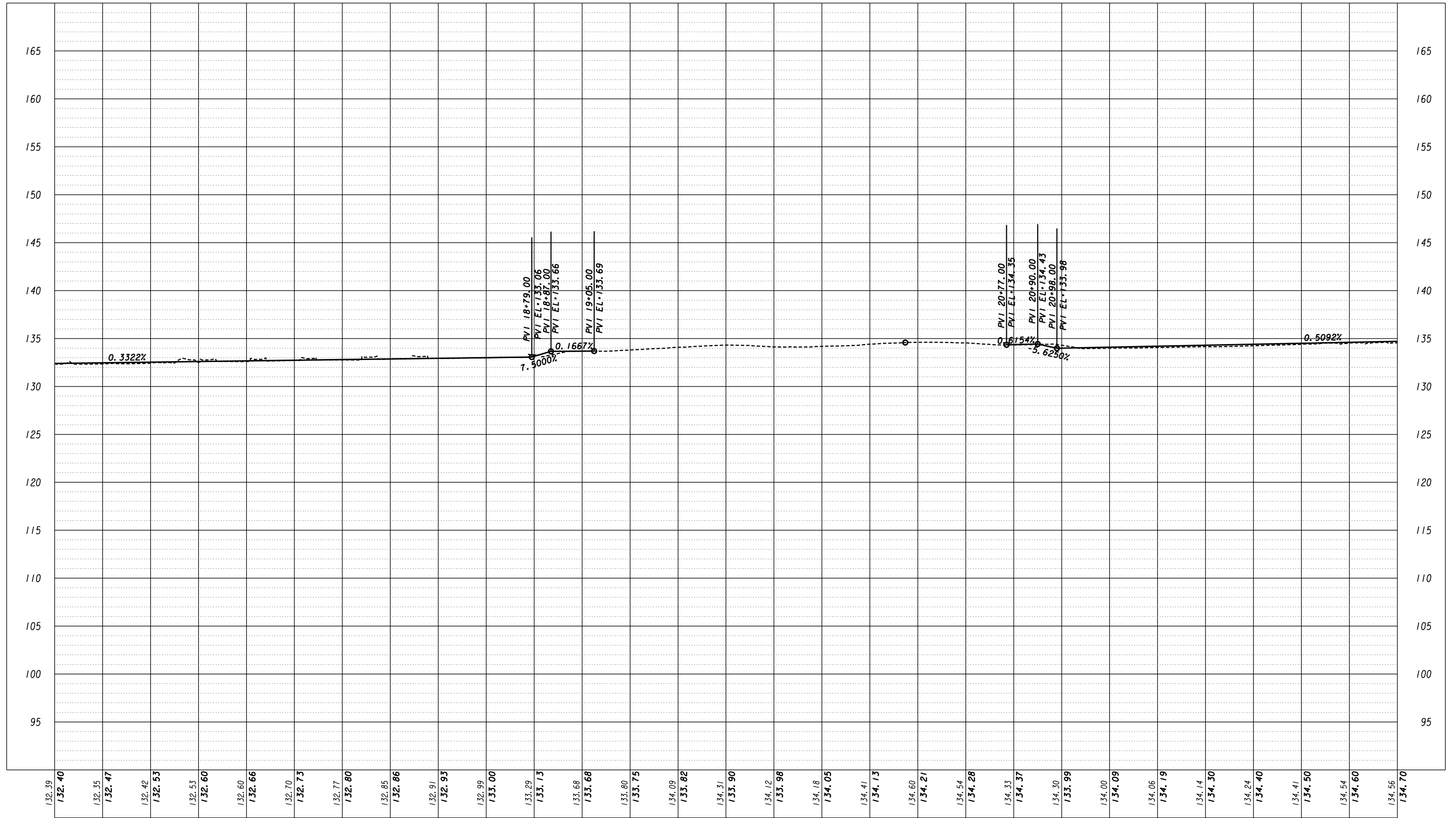
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**EDGE OF PAVEMENT LEFT PROFILE**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

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18+00

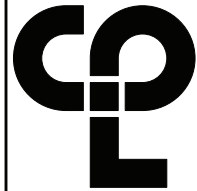
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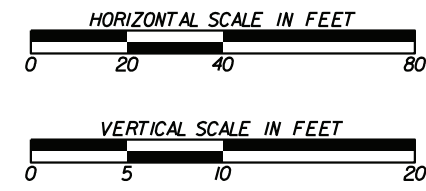
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22+00

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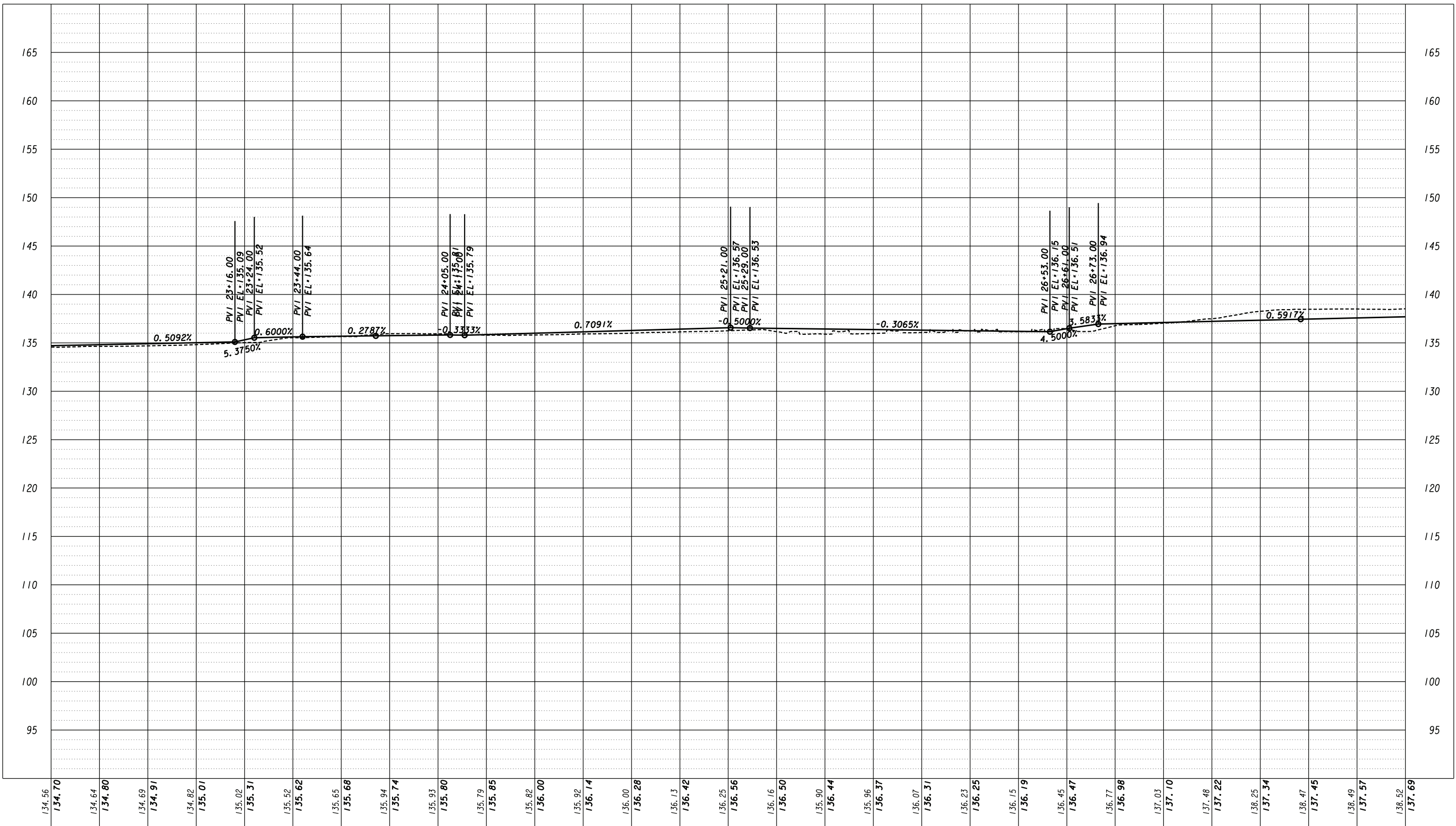
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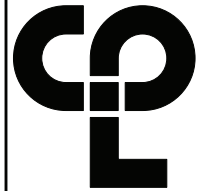
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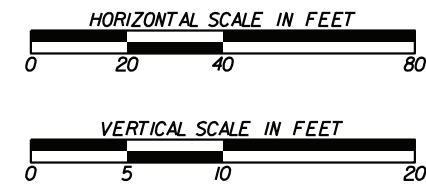
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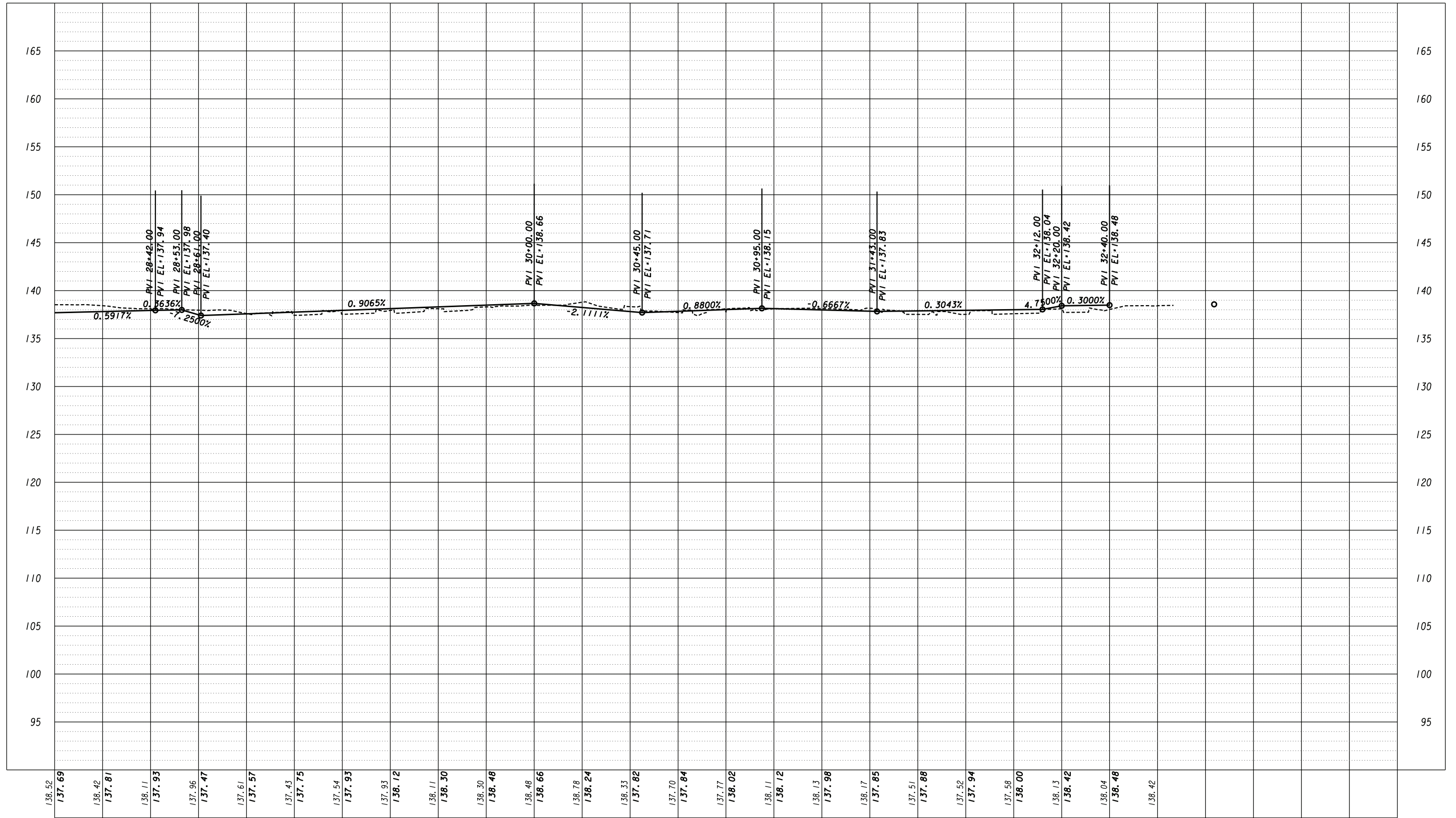
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**EDGE OF PAVEMENT LEFT PROFILE**  
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28+00

29+00

30+00

31+00

32+00

33+00

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137.69

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137.81

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137.93

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137.47

137.61  
137.57

137.43  
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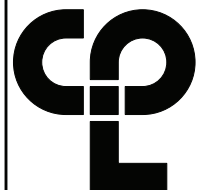
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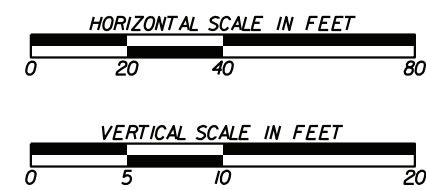
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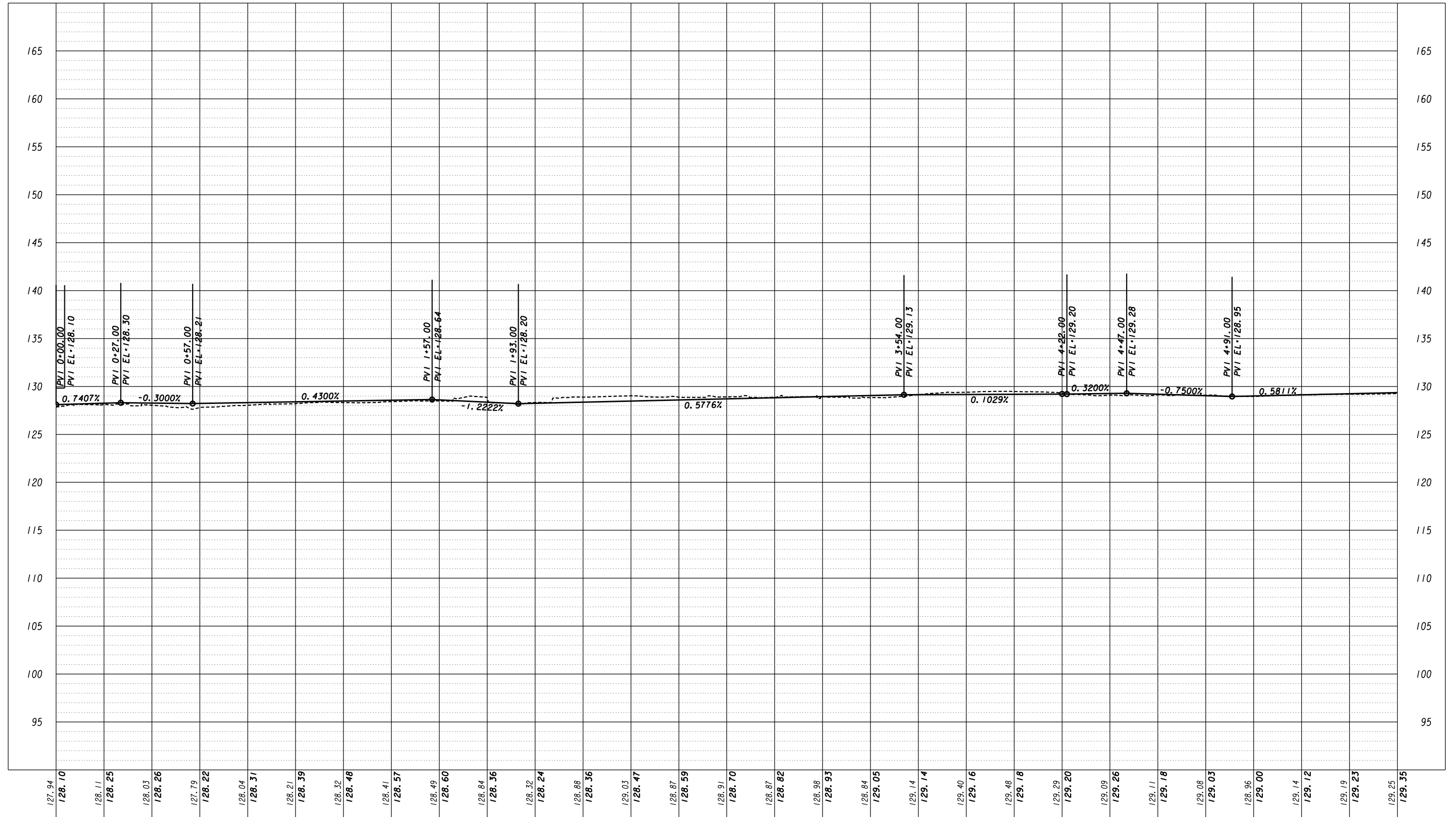


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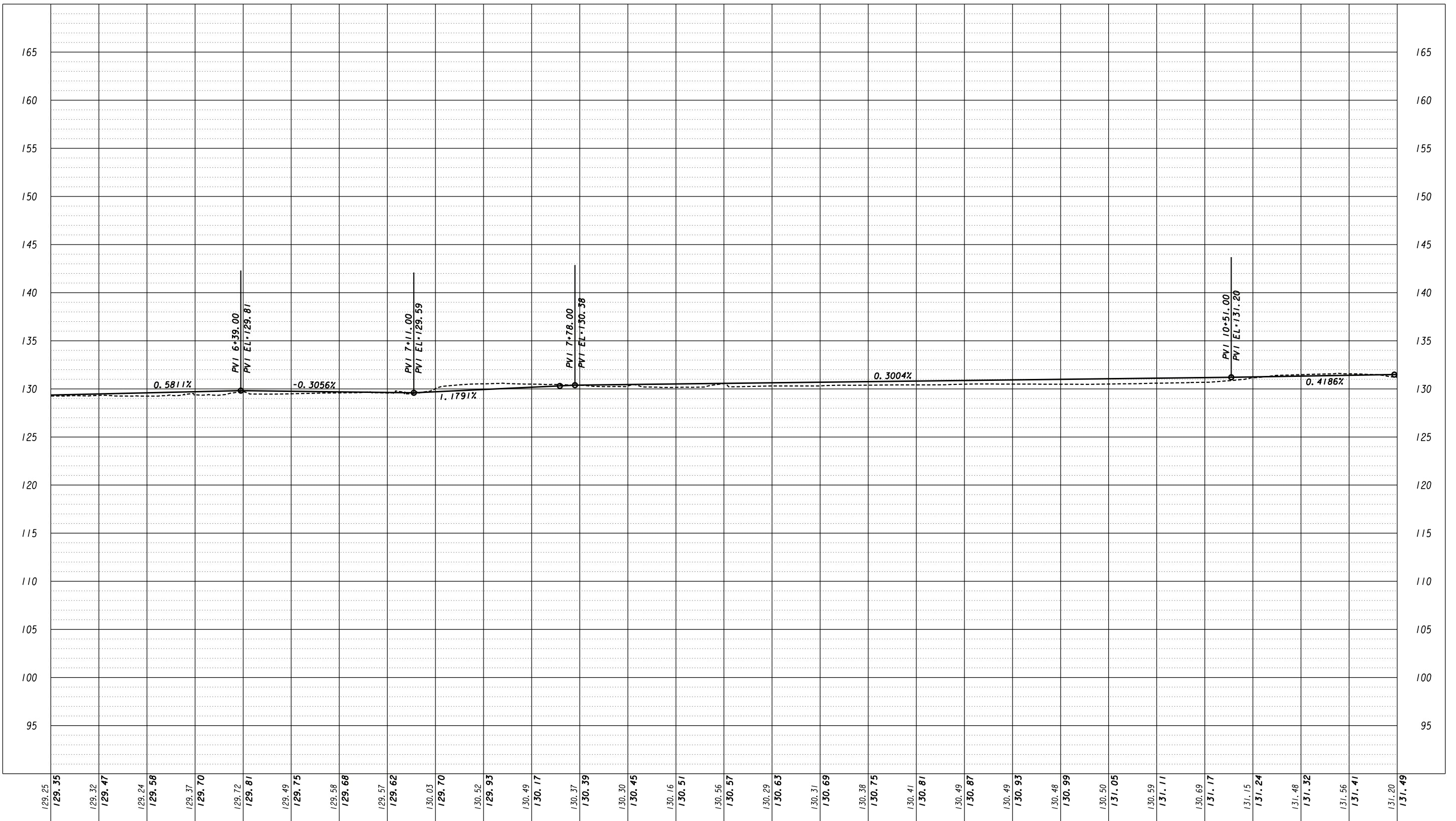




<p>127.94 128.10 128.11 128.25 128.03 128.26 127.79 128.22 128.04 128.31 128.21 128.39 128.32 128.48 128.41 128.57 128.49 128.60 128.84 128.36 128.32 128.24 128.88 128.36 129.03 128.47 128.87 128.59 128.91 128.70 128.87 128.82 128.98 128.93 128.84 129.05 129.14 129.14 129.40 129.16 129.48 129.18 129.29 129.20 129.09 129.26 129.11 129.18 129.08 129.03 128.96 129.00 129.14 129.12 129.19 129.23 129.25</p>	<p>0+00                      1+00                      2+00                      3+00                      4+00                      5+00</p>	<p style="text-align: center;"><b>HORIZONTAL SCALE IN FEET</b></p> <p style="text-align: center;"><b>VERTICAL SCALE IN FEET</b></p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr><th colspan="2">REVISION DATES</th></tr> </thead> <tbody> <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> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table> <p style="text-align: center;"><b>EDGE OF PAVEMENT RIGHT PROFILE</b> 6TH STREET IMPROVEMENT TAYLOR STREET TO REYNOLDS STREET</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>CHECKED:</td> <td>DATE:</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">DRAWING No. <b>15-0014</b></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>	REVISION DATES																		CHECKED:	DATE:	DRAWING No. <b>15-0014</b>	BACKCHECKED:	DATE:	CORRECTED:	DATE:	VERIFIED:	DATE:
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6+00

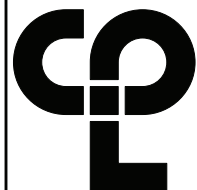
7+00

8+00

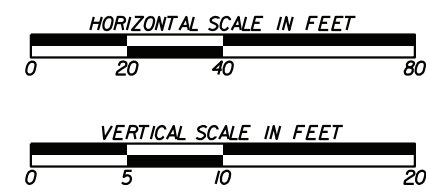
9+00

10+00

11+00

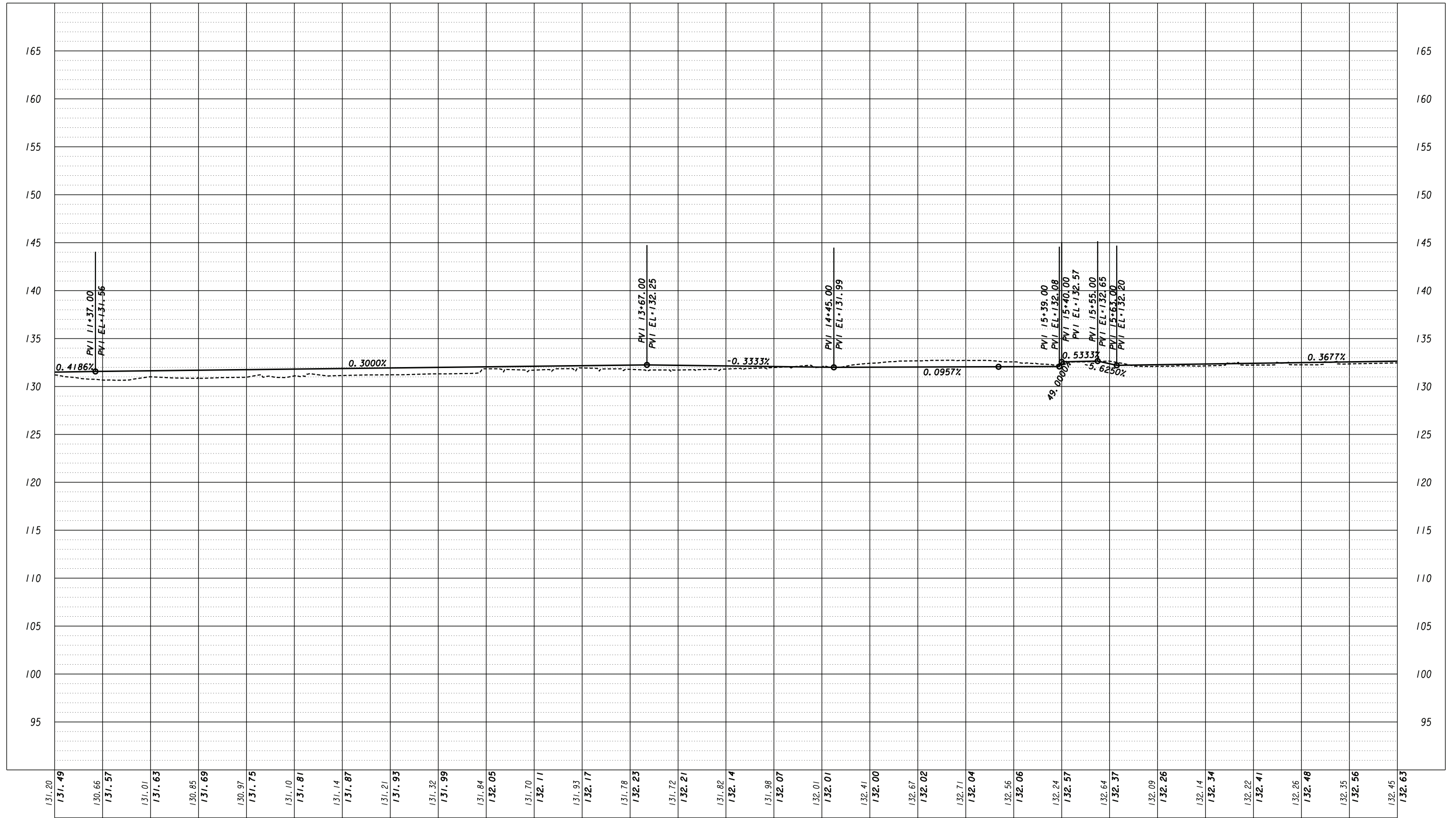


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REVISION DATES

<b>EDGE OF PAVEMENT RIGHT PROFILE</b>		DRAWING No.	
6TH STREET IMPROVEMENT		15-0015	
TAYLOR STREET TO REYNOLDS STREET		CHECKED:	DATE:
BACKCHECKED:	DATE:	CORRECTED:	DATE:
VERIFIED:	DATE:		



131.20

131.49

130.66

131.57

131.01

131.63

130.85

131.69

130.97

131.75

131.10

131.81

131.14

131.87

131.21

131.93

131.32

131.99

131.84

132.05

131.70

132.11

131.83

132.17

131.78

132.23

131.72

132.21

131.82

132.14

131.98

132.07

132.01

132.01

132.41

132.00

132.67

132.02

132.71

132.04

132.56

132.06

132.24

132.57

132.64

132.37

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132.45

132.63

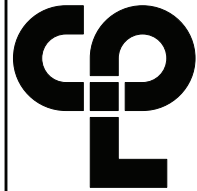
12+00

13+00

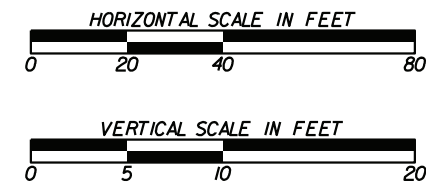
14+00

15+00

16+00



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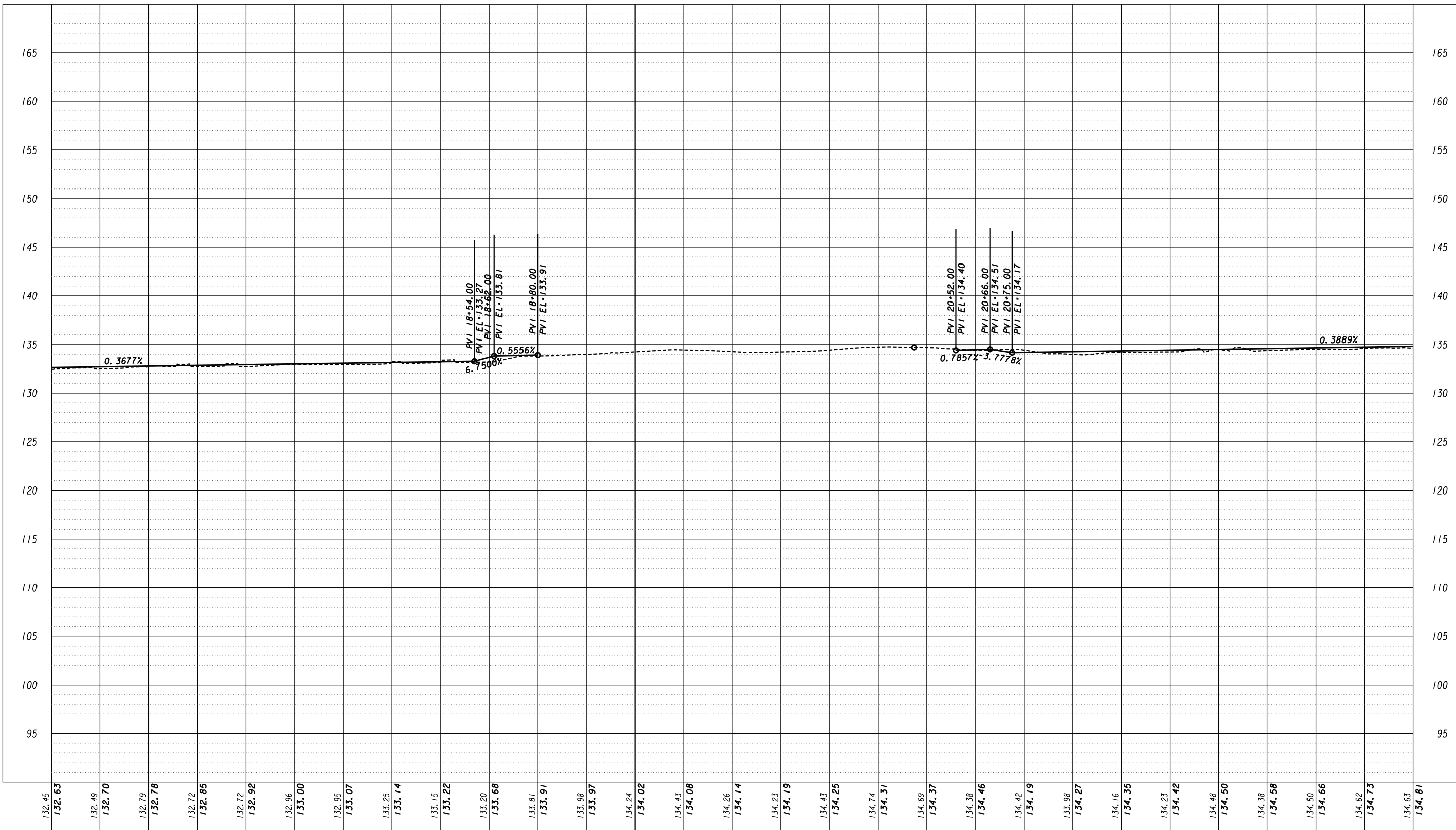


REVISION DATES

NO.	DATE	DESCRIPTION

**EDGE OF PAVEMENT RIGHT PROFILE**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No. <b>15-0016</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



132.45 132.63 132.49 132.70 132.79 132.78 132.72 132.85 132.72 132.92 132.96 133.00 132.95 133.07 133.25 133.14 133.15 133.22 133.20 133.68 133.81 133.91 133.98 133.97 134.24 134.02 134.43 134.08 134.26 134.14 134.23 134.19 134.43 134.25 134.74 134.31 134.69 134.37 134.38 134.46 134.42 134.19 133.98 134.27 134.16 134.35 134.23 134.42 134.48 134.50 134.38 134.58 134.50 134.66 134.62 134.73 134.63 134.81

17+00

18+00

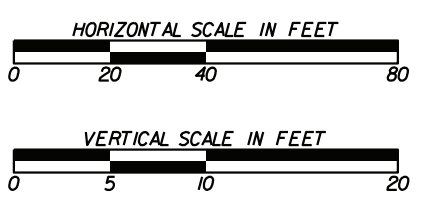
19+00

20+00

21+00

22+00

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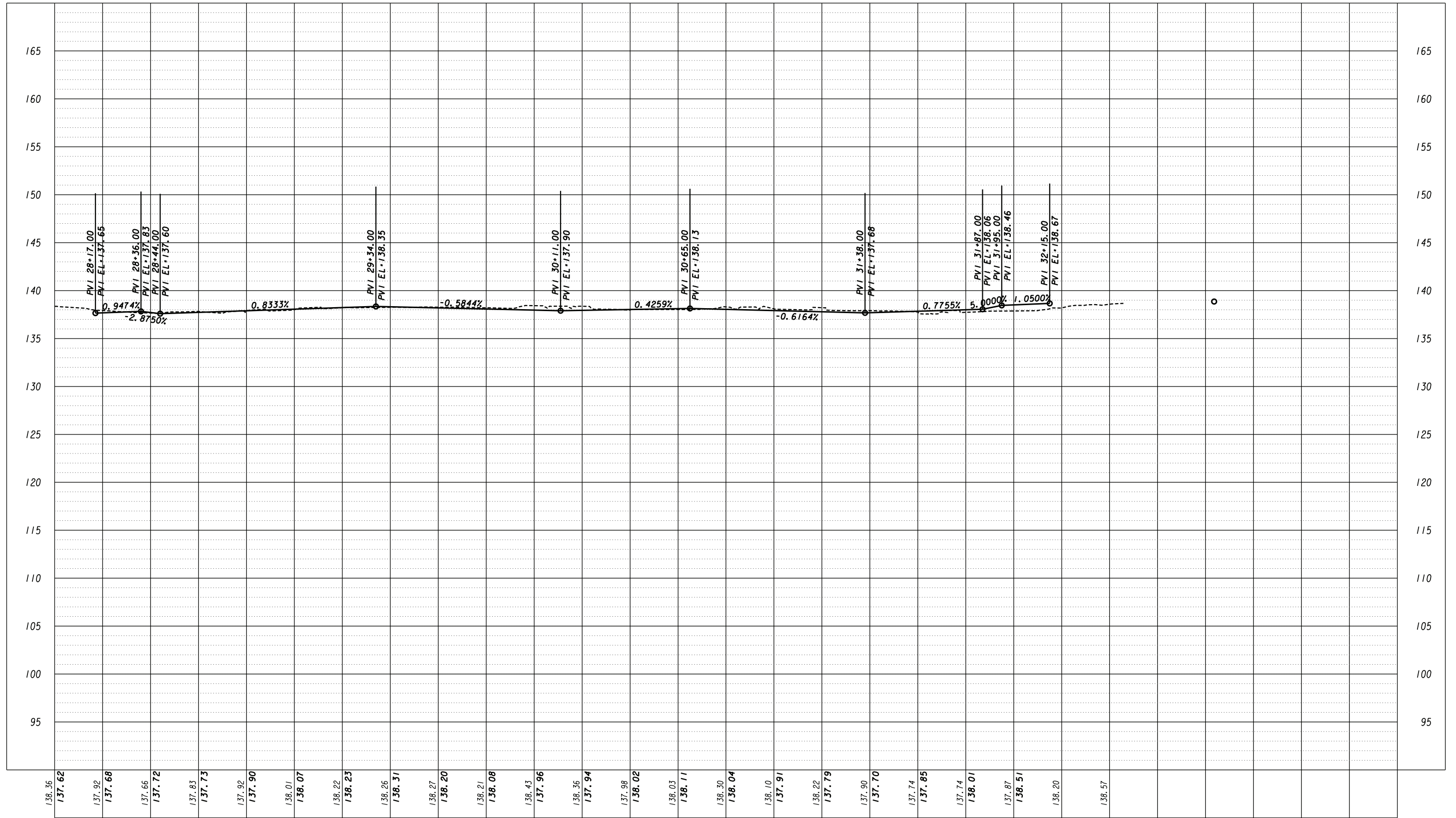
REVISION DATES	

**EDGE OF PAVEMENT RIGHT PROFILE**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No. <b>15-0017</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	







28+00

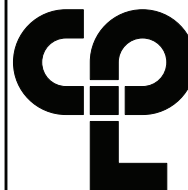
29+00

30+00

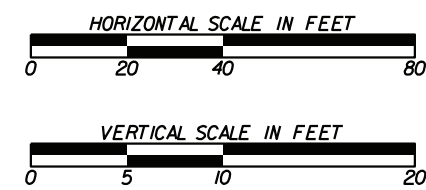
31+00

32+00

33+00



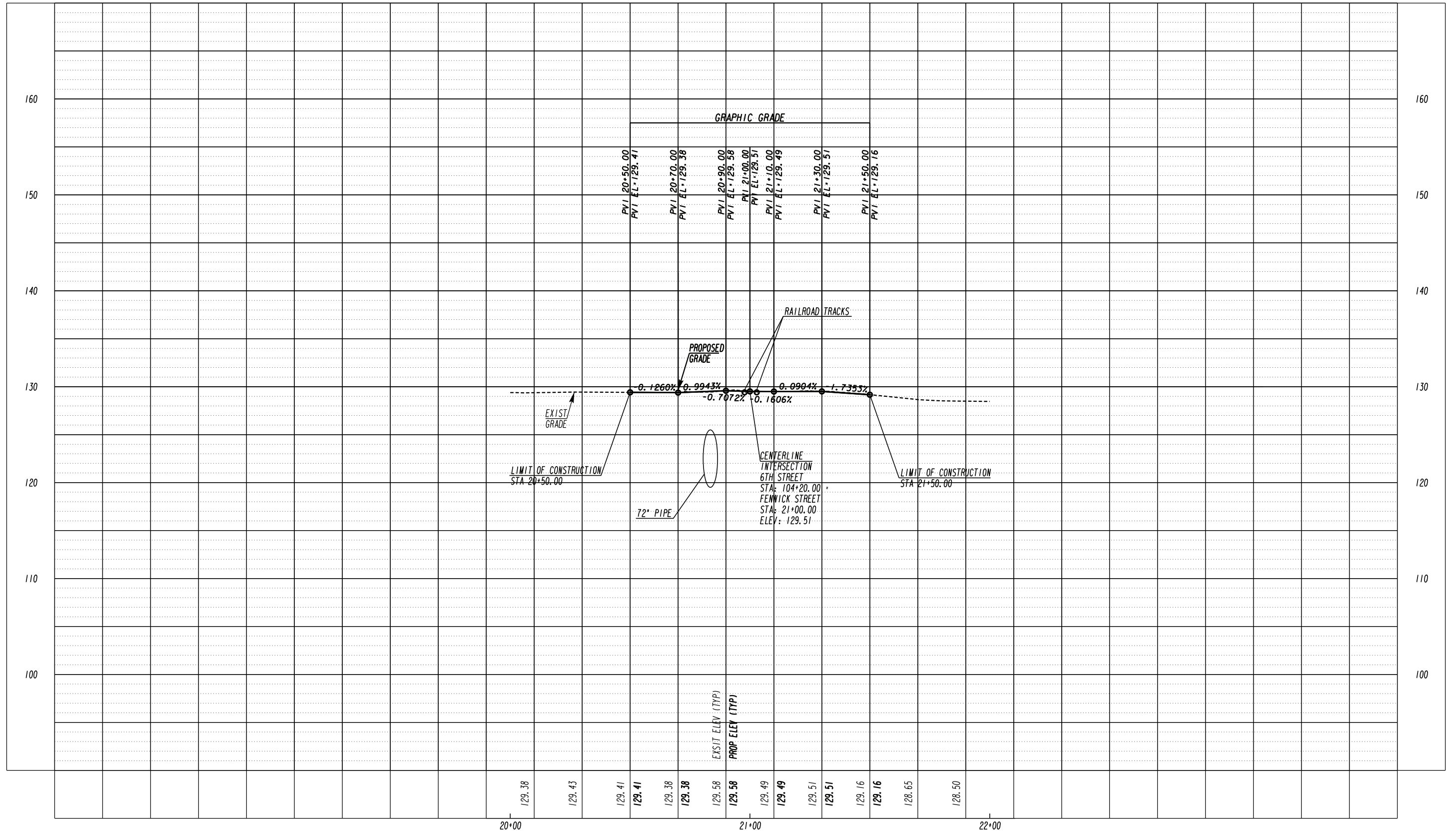
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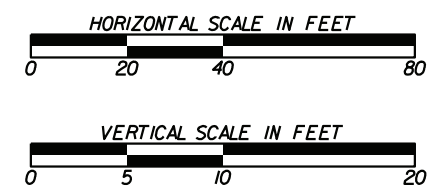
REVISION DATES	

**EDGE OF PAVEMENT RIGHT PROFILE**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No. <b>15-0019</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



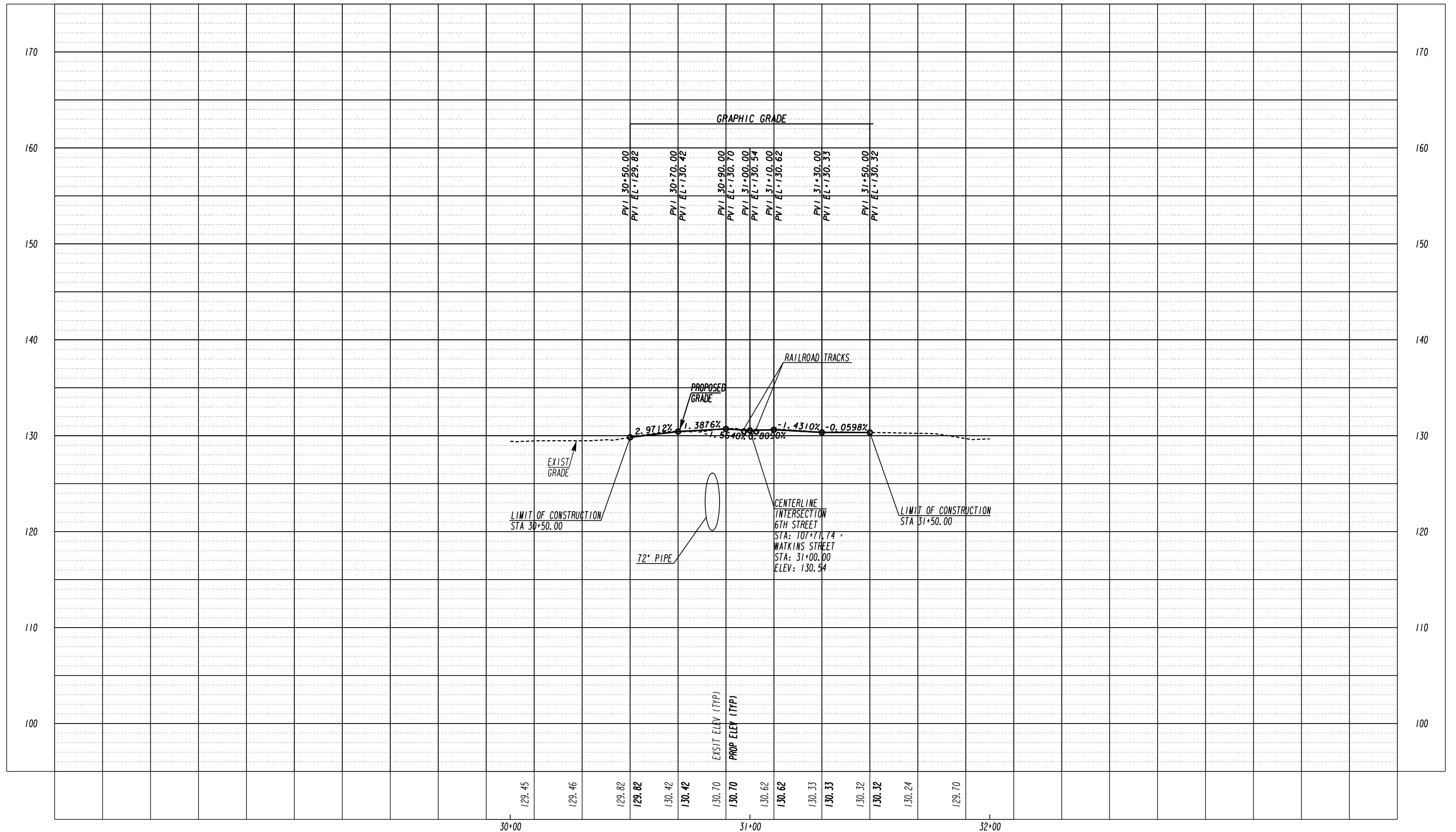
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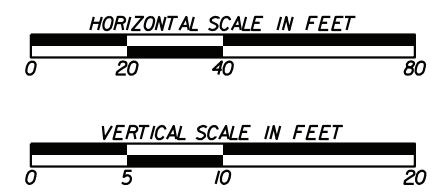
REVISION DATES	

**CROSSROAD PROFILE**  
 6TH STREET IMPROVEMENT  
 FENWICK STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	16-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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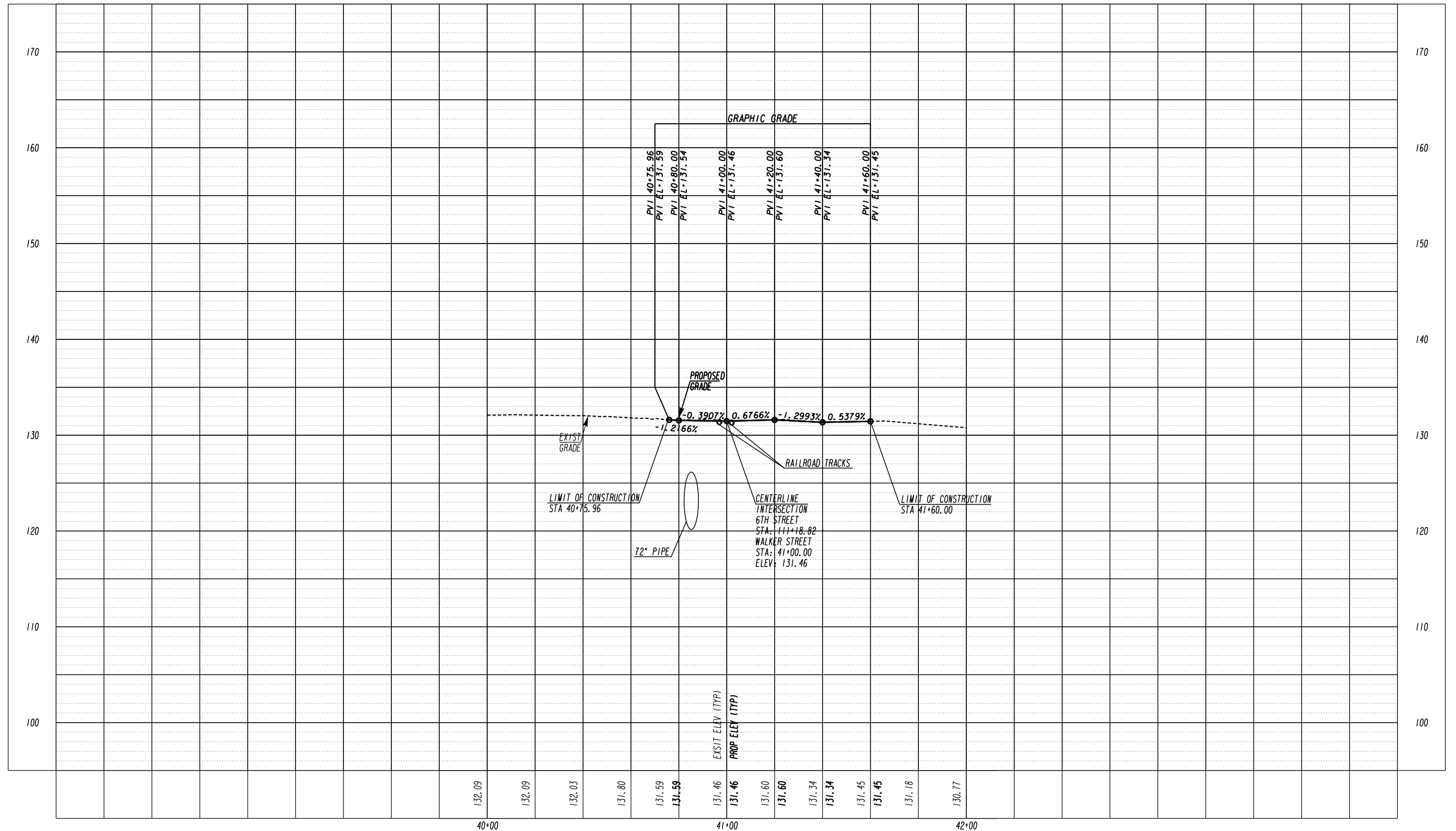


REVISION DATES	

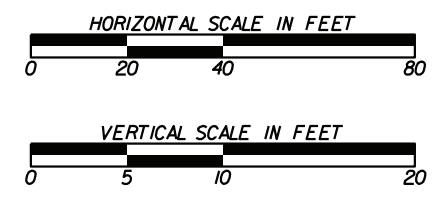
**CROSSROAD PROFILE**  
**6TH STREET IMPROVEMENT**  
**WATKINS STREET**

CHECKED:		DATE:		DRAWING No. <b>16-0002</b>
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		





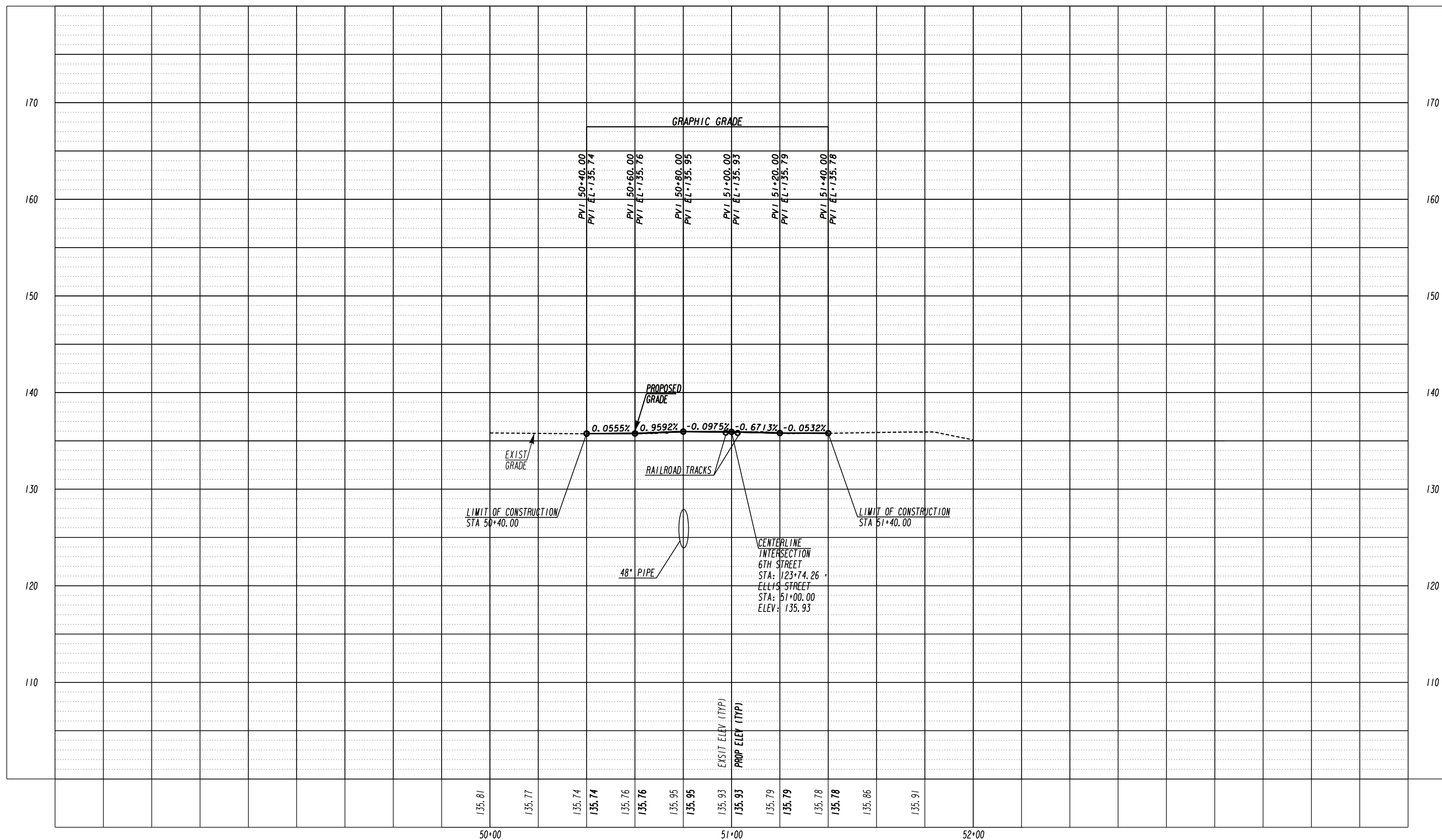
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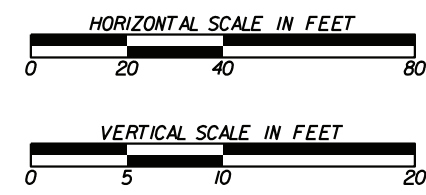
REVISION DATES	

**CROSSROAD PROFILE**  
 6TH STREET IMPROVEMENT  
 WALKER STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	16-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	



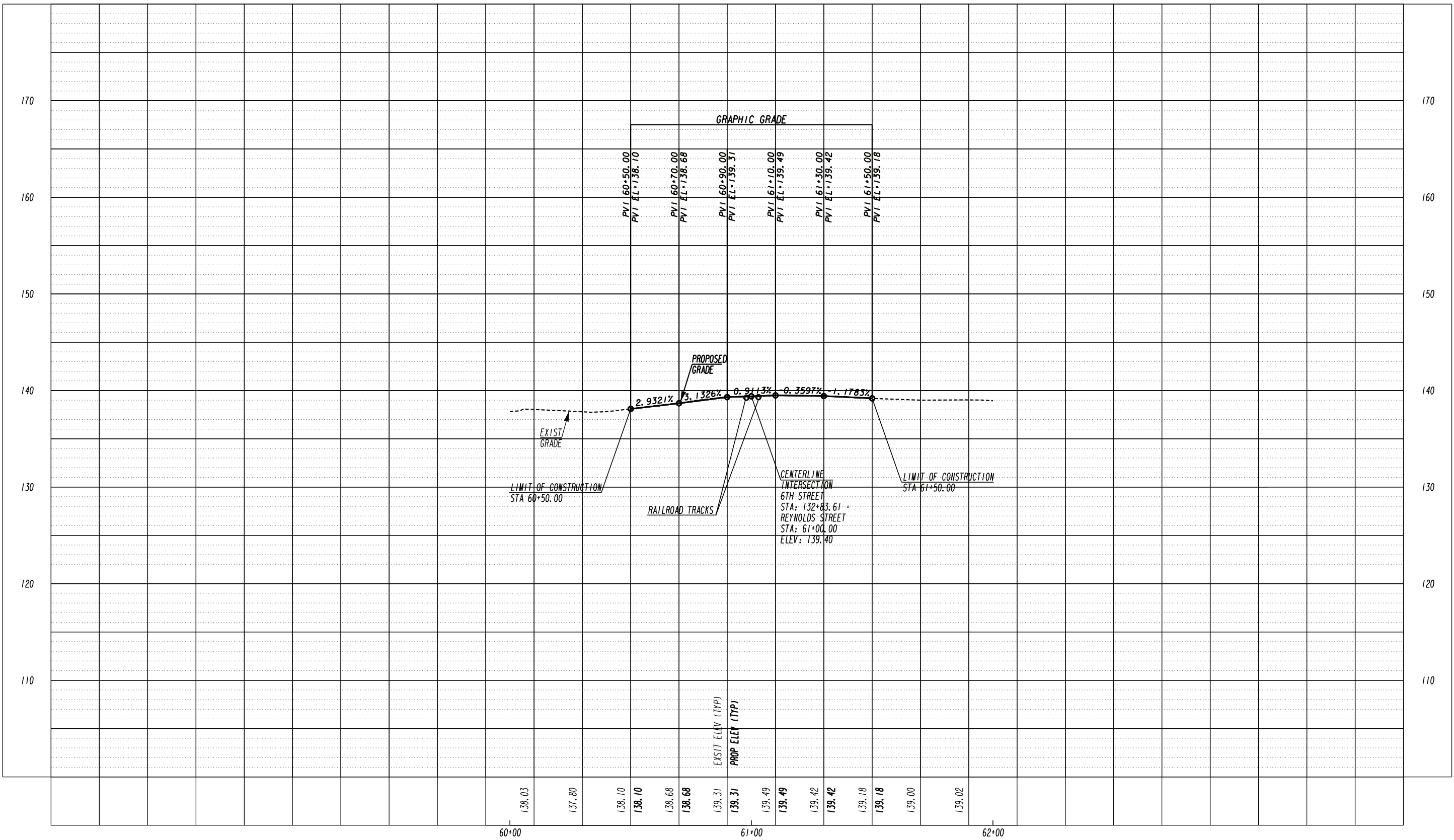
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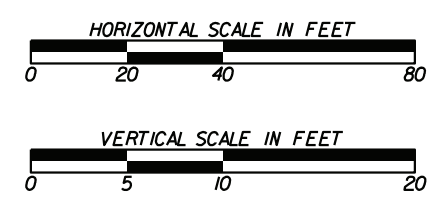
REVISION DATES	

**CROSSROAD PROFILE**  
**6TH STREET IMPROVEMENT**  
**ELLIS STREET**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	16-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	



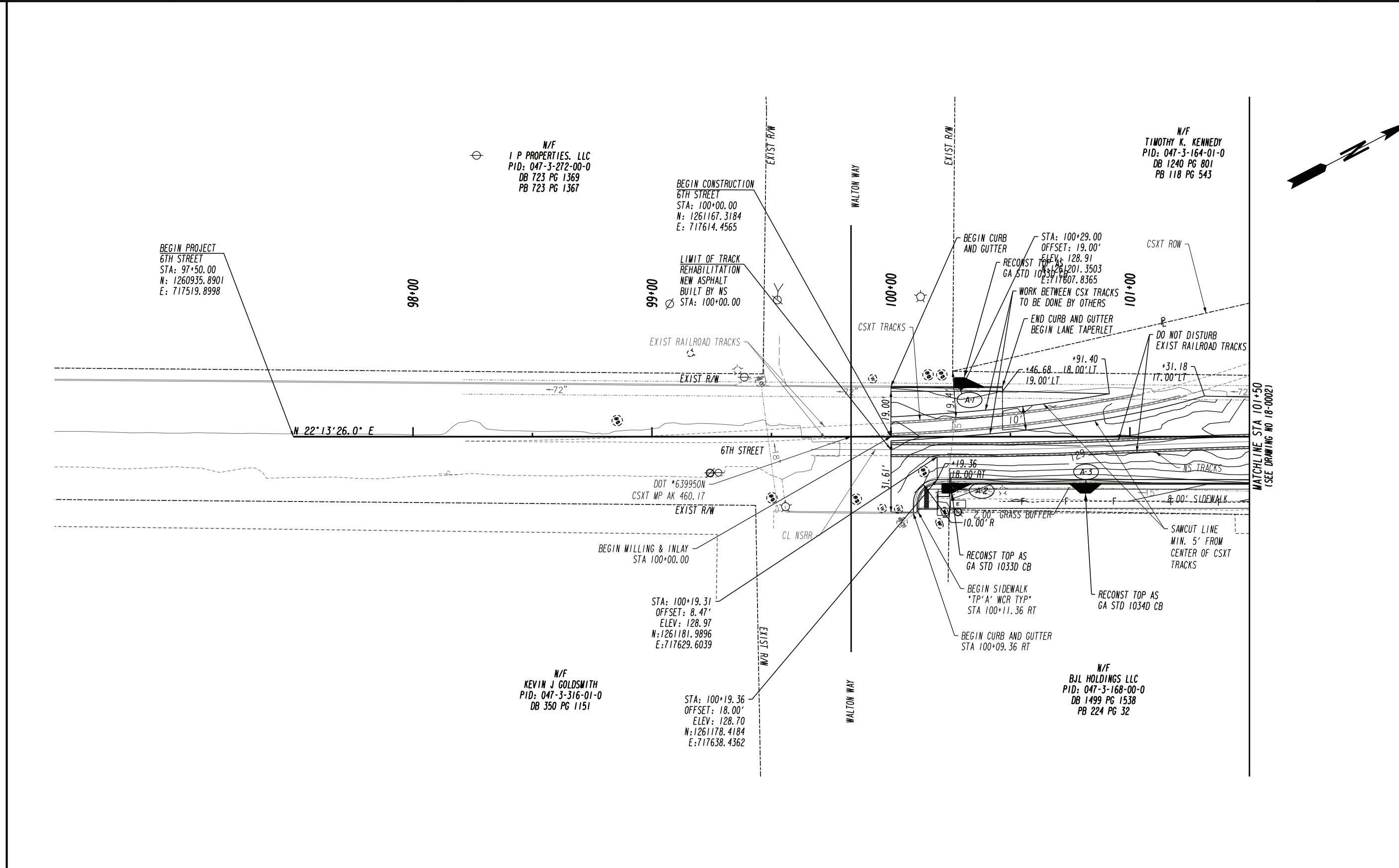
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**CROSSROAD PROFILE**  
6TH STREET IMPROVEMENT  
REYNOLDS STREET

CHECKED:		DATE:		DRAWING No. <b>16-0005</b>
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

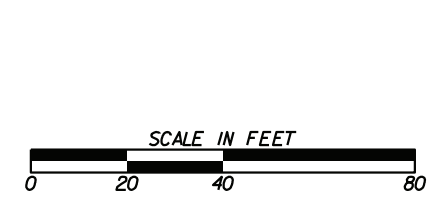


PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----
CONSTRUCTION LIMITS	-----C-----F-----
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Hatched Box]

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

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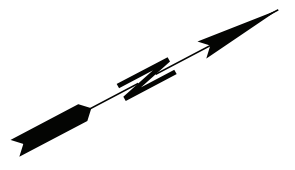
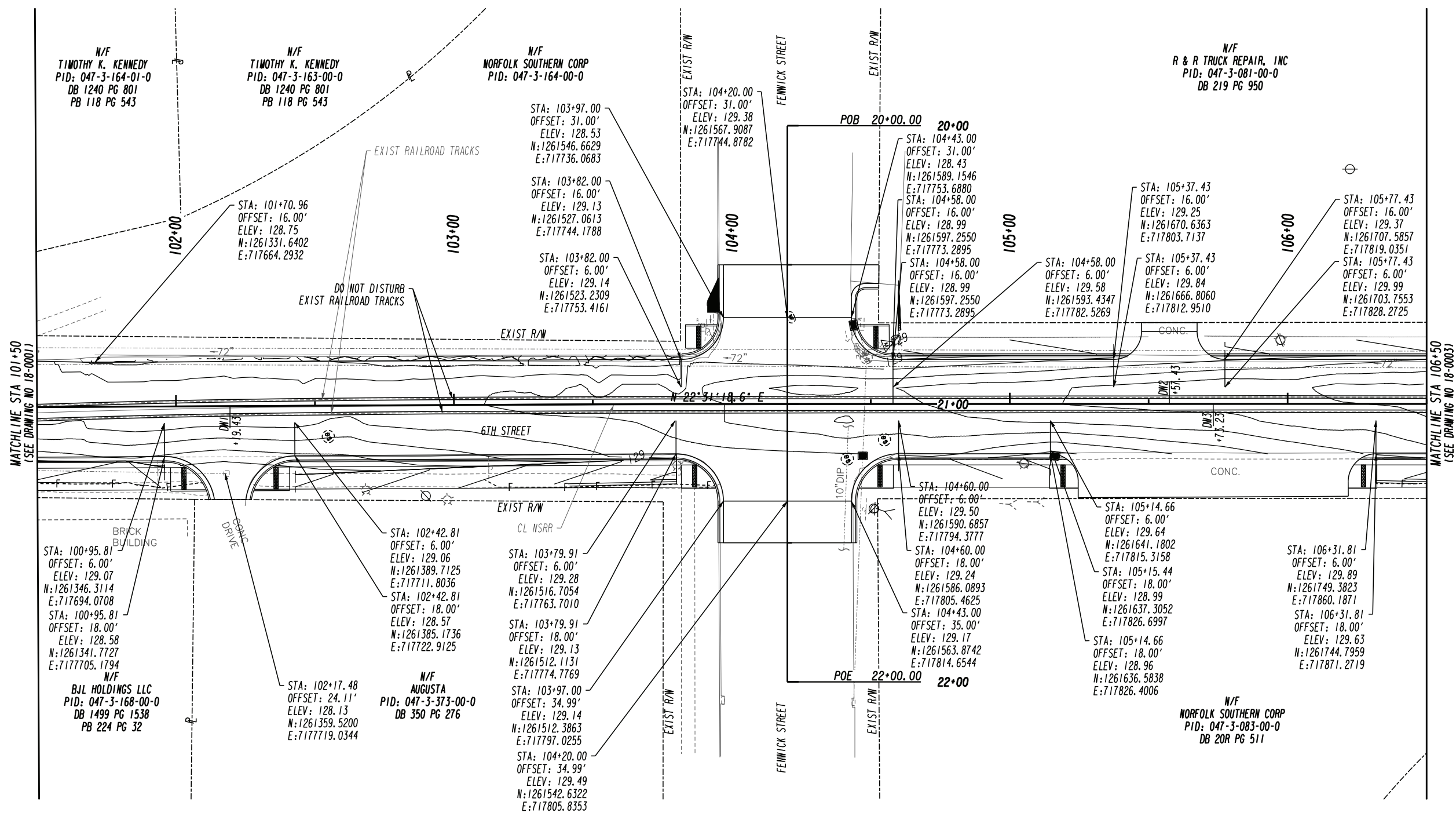
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REVISION DATES	

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 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	18-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

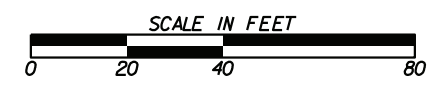


PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----f-----
CONSTRUCTION LIMITS	-----c-----
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	-----h-----
EASEMENT FOR CONSTR OF SLOPES	-----i-----
EASEMENT FOR CONSTR OF DRIVES	-----j-----

BEGIN LIMIT OF ACCESS.....BLA	-----o-----
END LIMIT OF ACCESS.....ELA	-----p-----
REQ'D LIMIT OF ACCESS	-----q-----
REQ'D LIMIT OF ACCESS & R/W	-----r-----
ORANGE BARRIER FENCE	-----s-----
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	-----t-----

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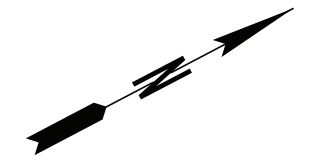
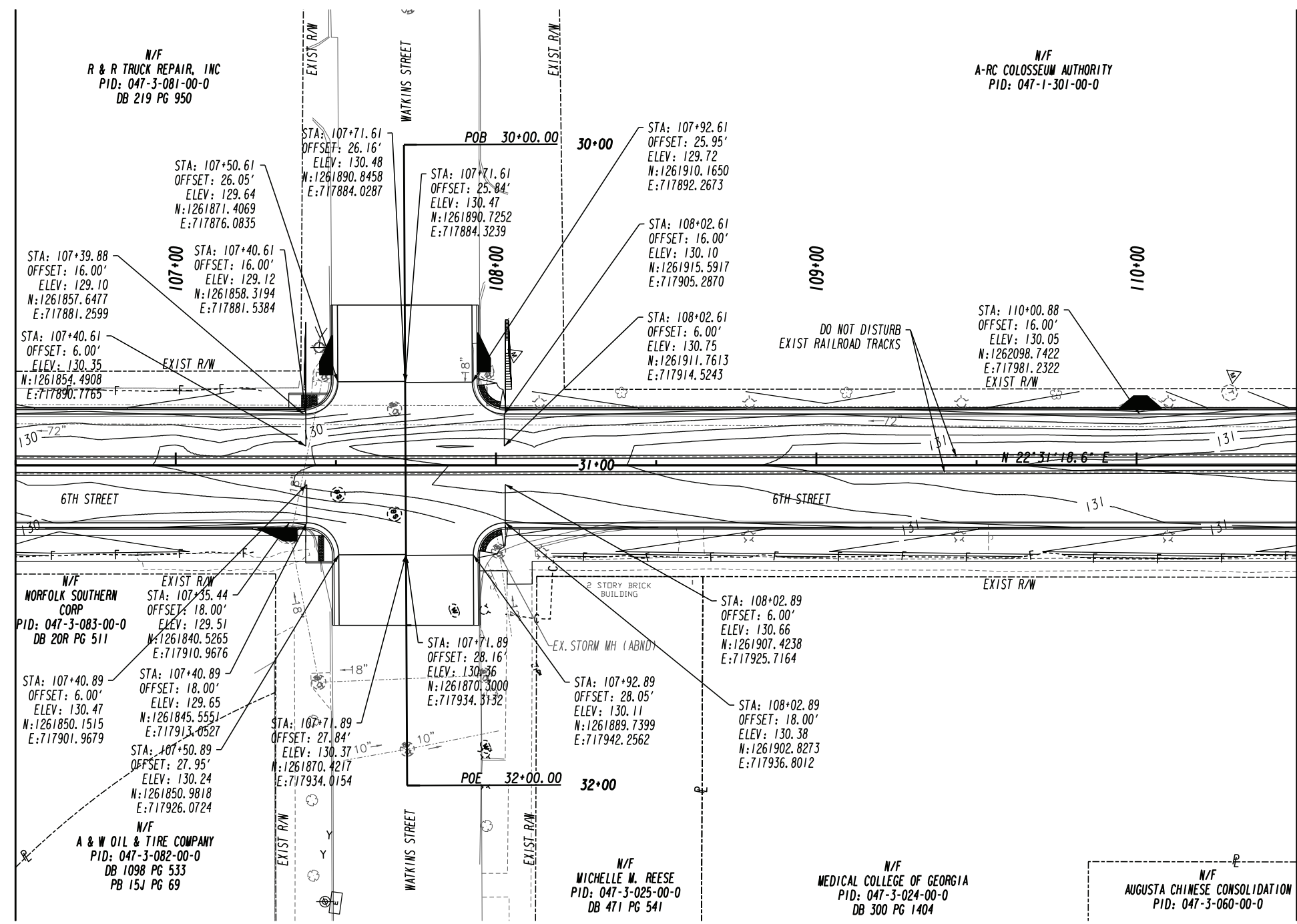


REVISION DATES	

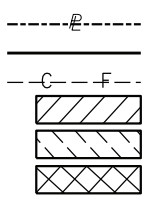
**SPECIAL GRADING**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No. <b>18-0002</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	





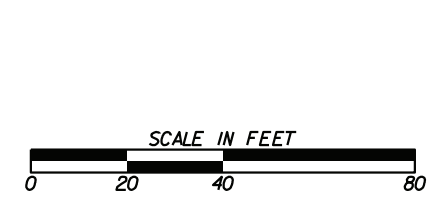
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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

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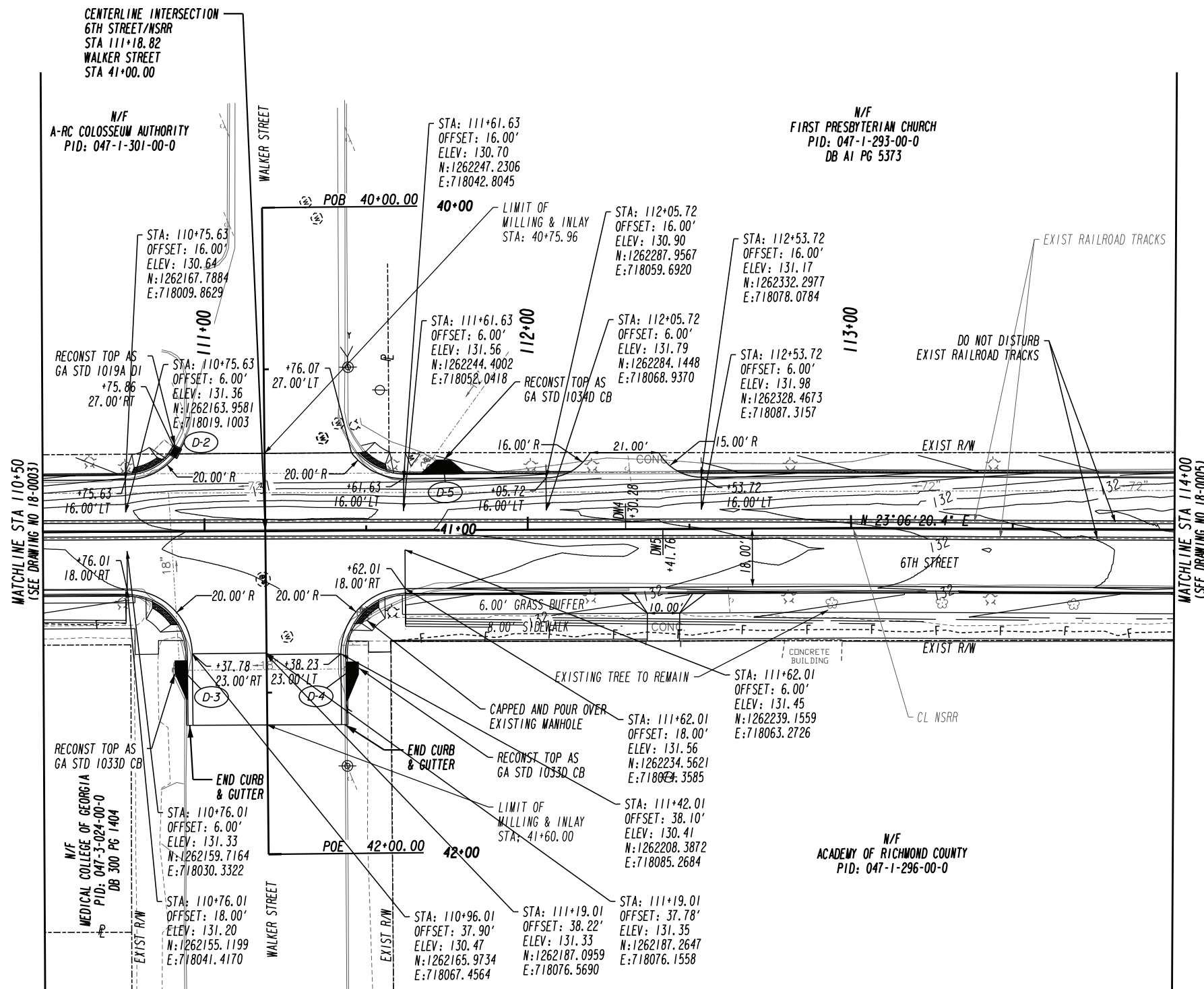
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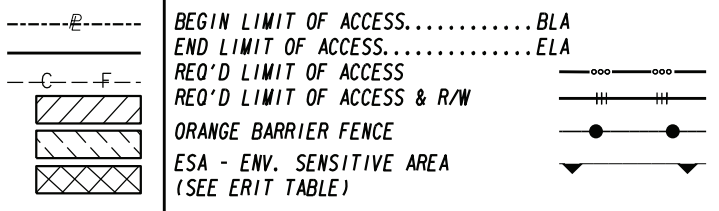
REVISION DATES	

**SPECIAL GRADING**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	18-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	

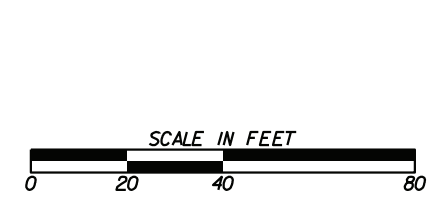


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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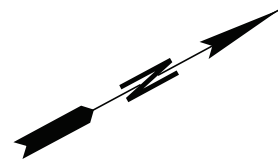
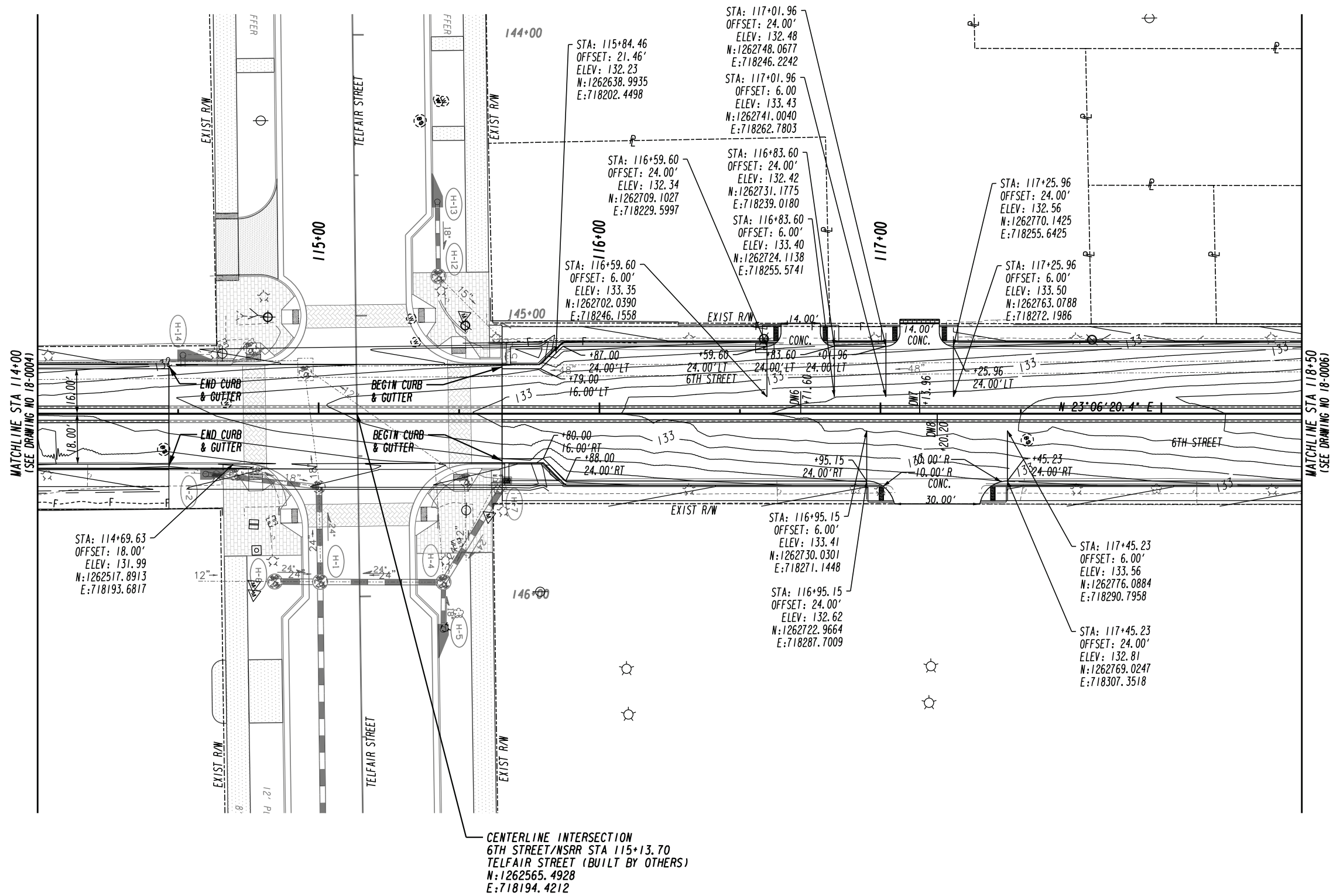
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 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No. <b>18-0004</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 114+00  
(SEE DRAWING NO 18-0004)

MATCHLINE STA 118+50  
(SEE DRAWING NO 18-0006)

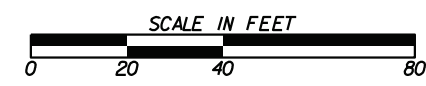
CENTERLINE INTERSECTION  
6TH STREET/NSRR STA 115+13.70  
TELFAIR STREET (BUILT BY OTHERS)  
N:1262565.4928  
E:718194.4212

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

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

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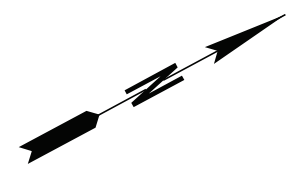
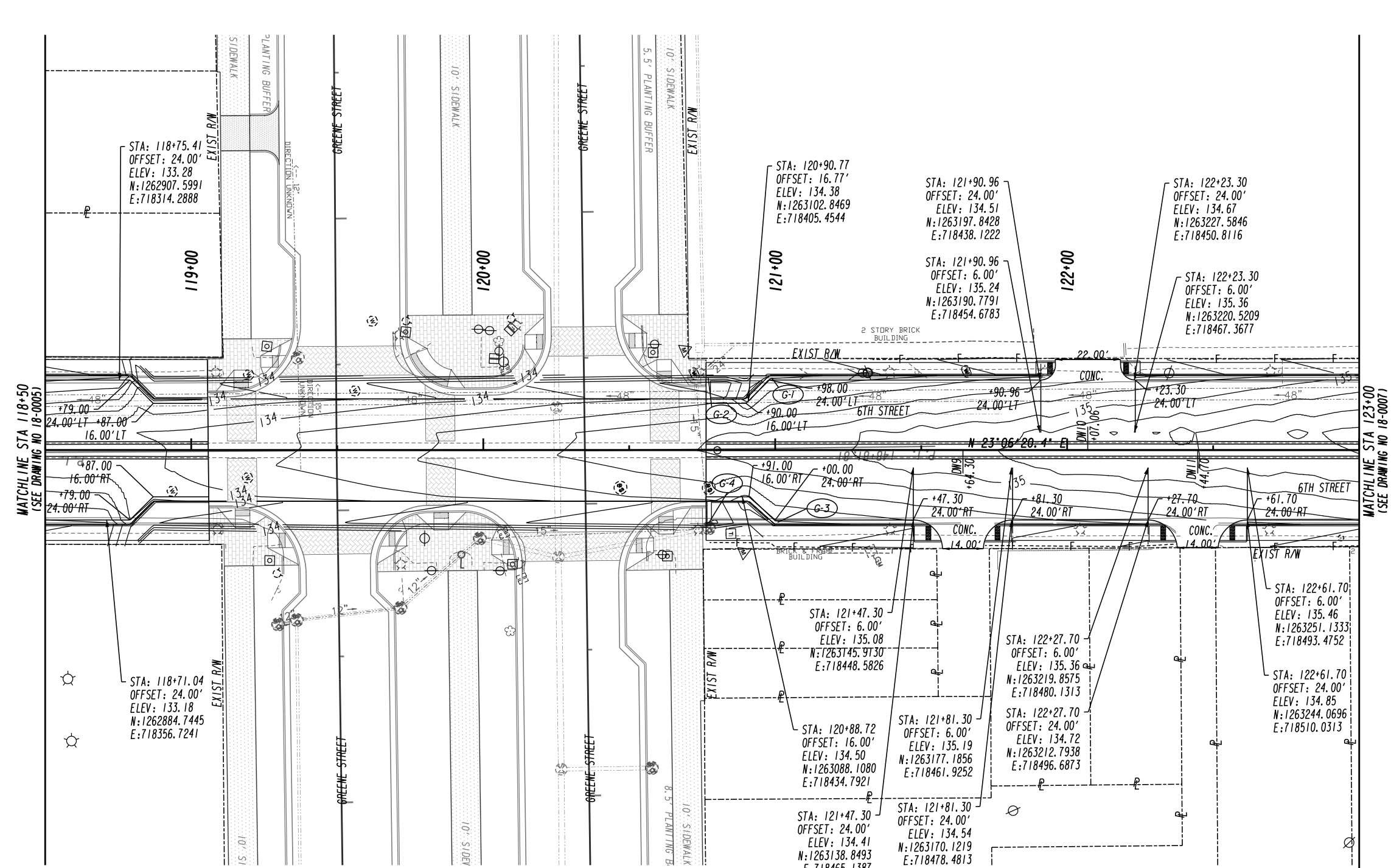


REVISION DATES	

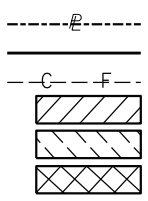
**SPECIAL GRADING**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
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VERIFIED:	DATE:	



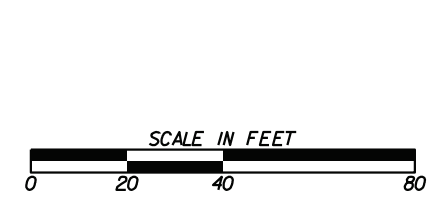


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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

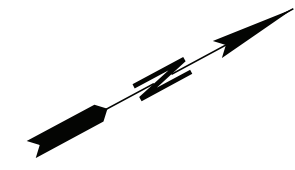
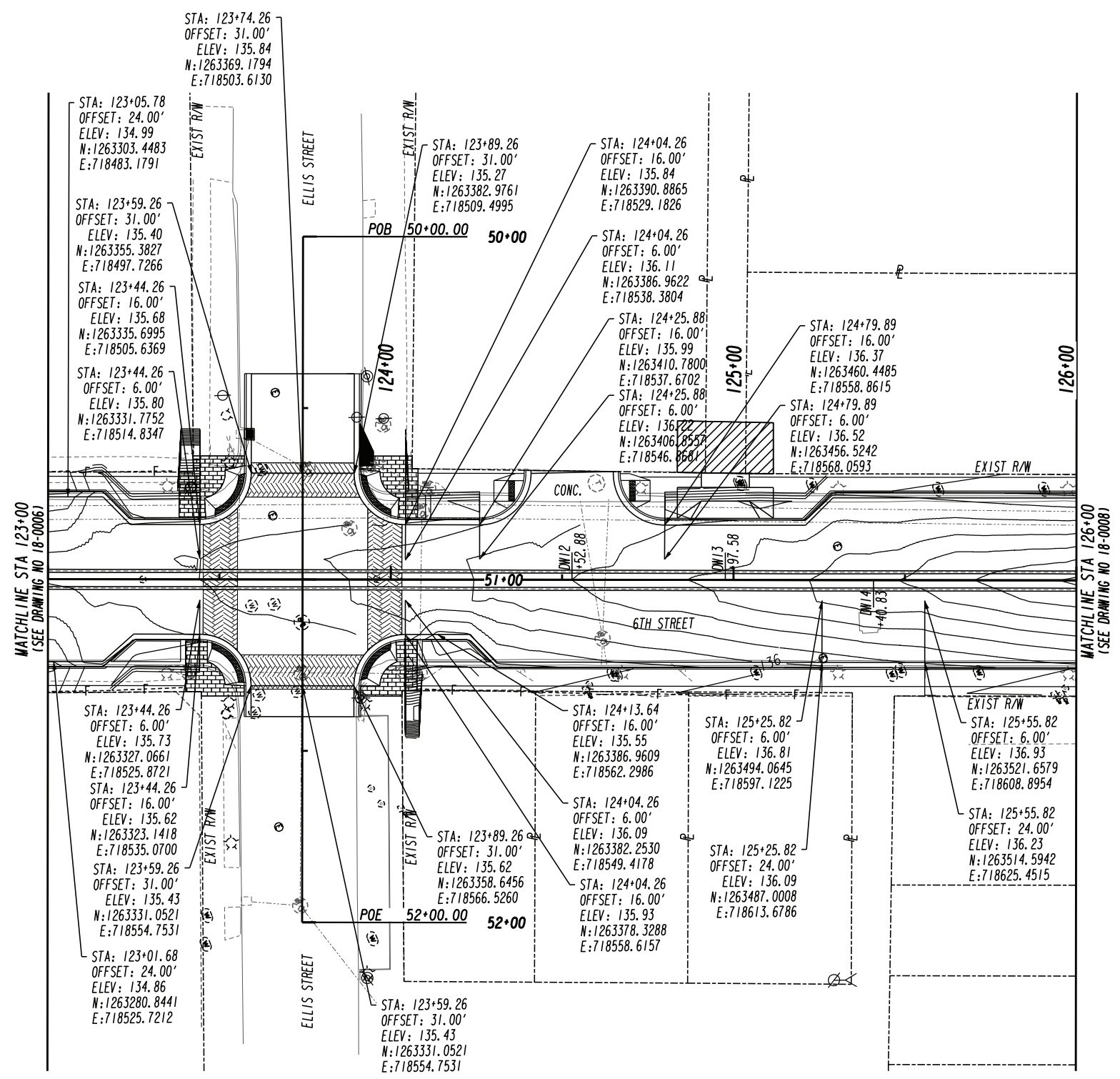
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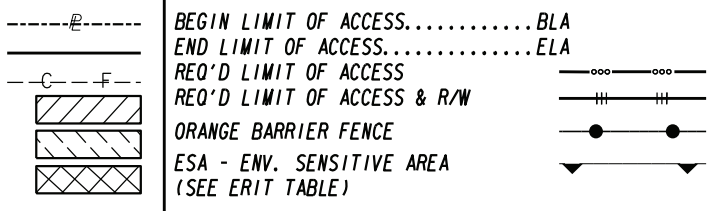
REVISION DATES	

**SPECIAL GRADING**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	18-0006
CORRECTED:	DATE:	
VERIFIED:	DATE:	

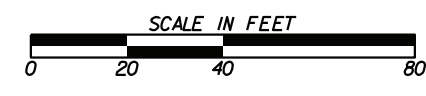


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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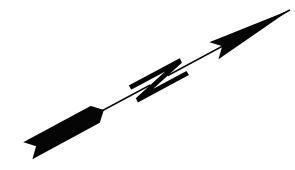
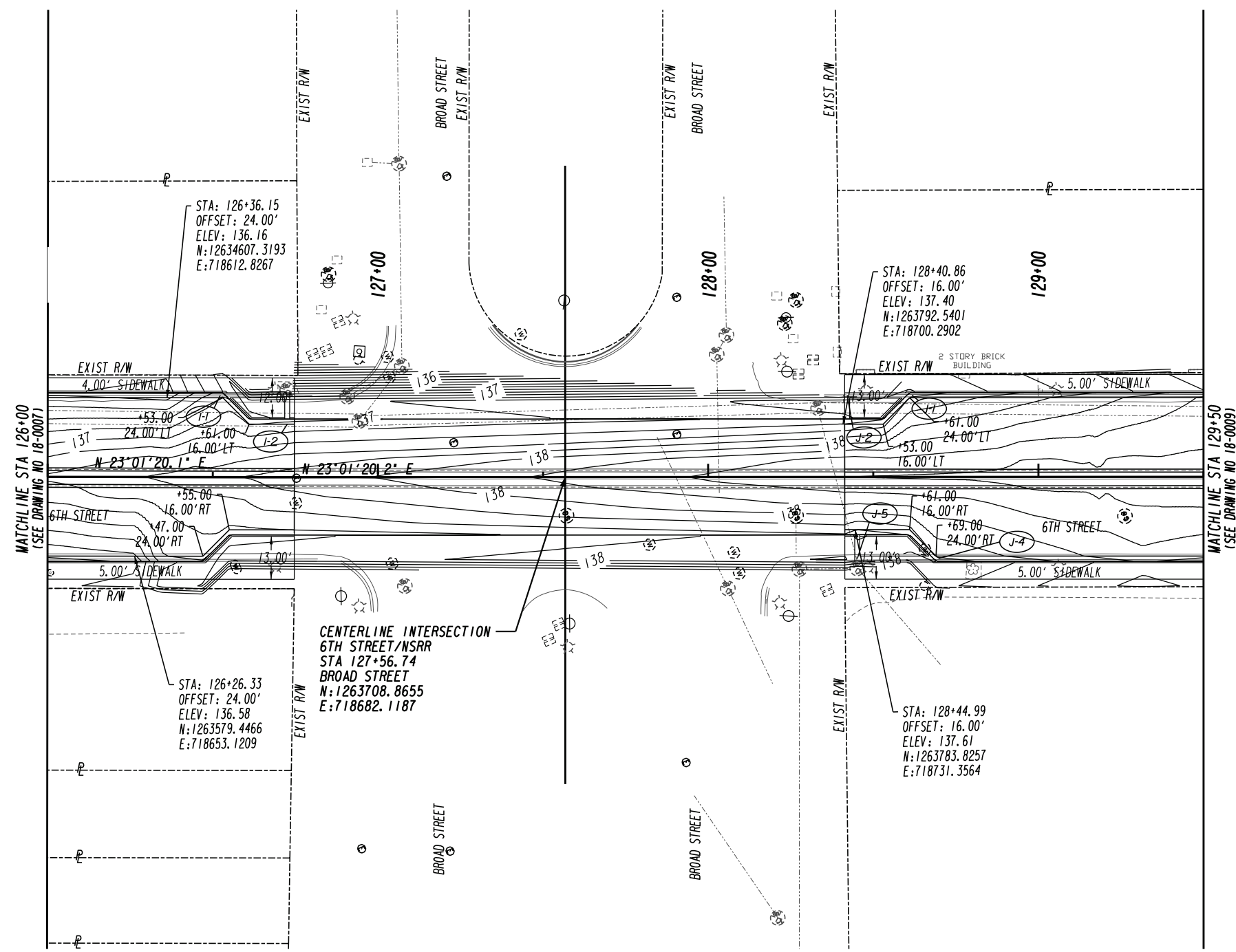


REVISION DATES	

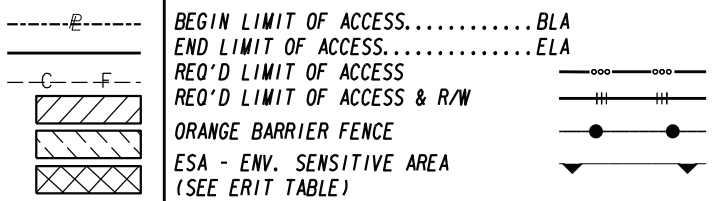
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 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

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CORRECTED:	DATE:	
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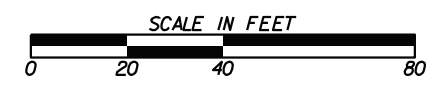




PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



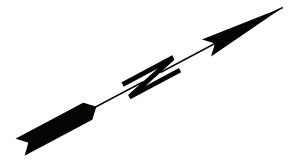
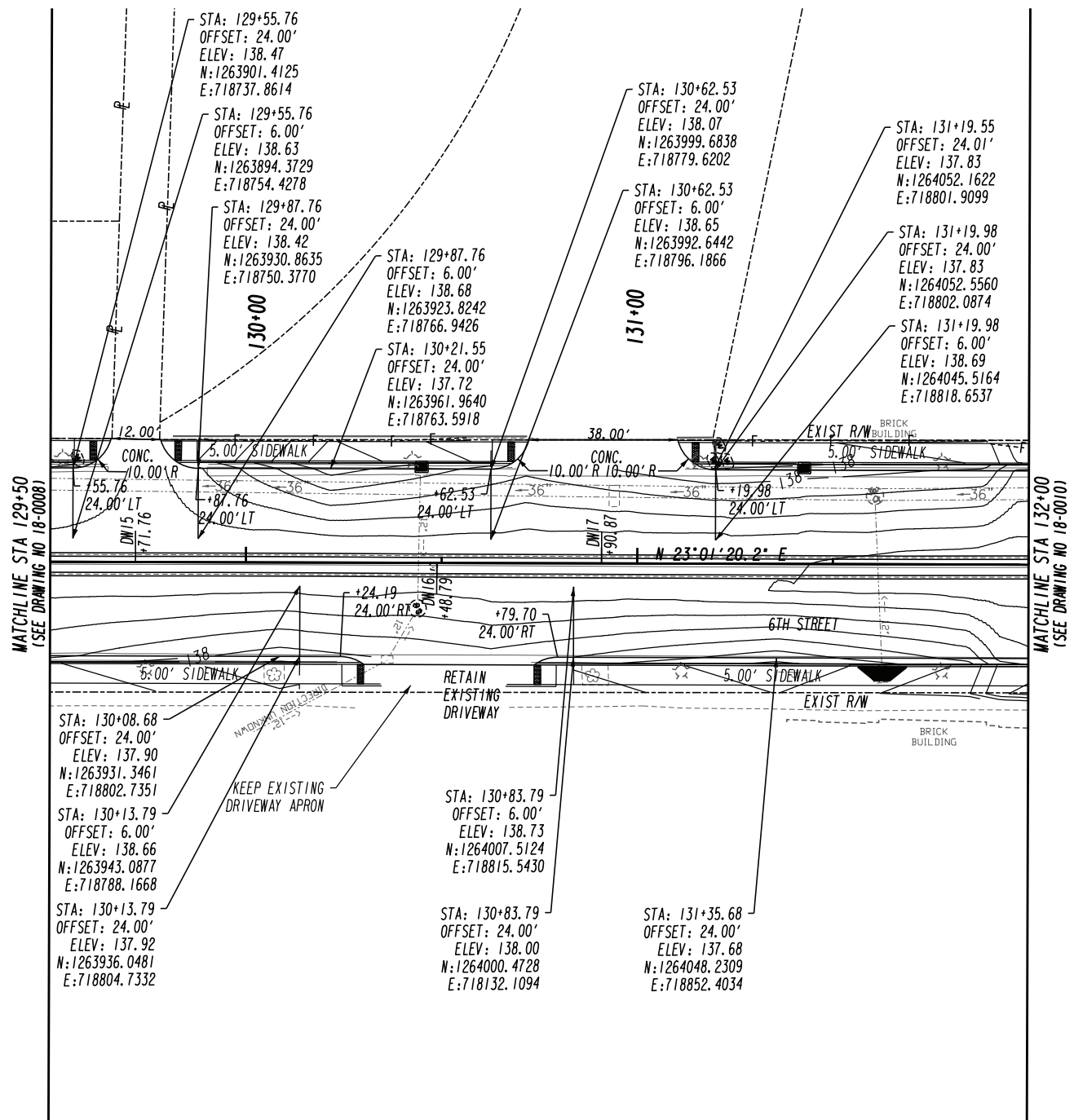
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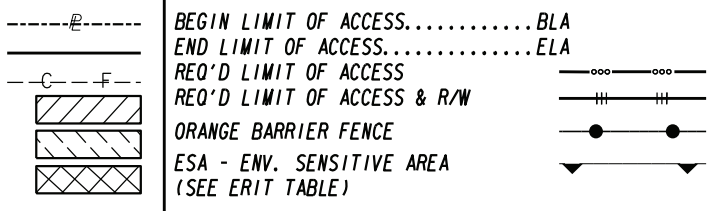
REVISION DATES	

**SPECIAL GRADING**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

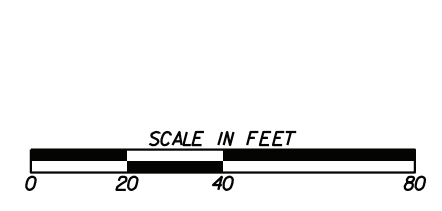
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PROPERTY AND EXISTING R/W LINE  
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 EASEMENT FOR CONSTR  
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 EASEMENT FOR CONSTR OF DRIVES



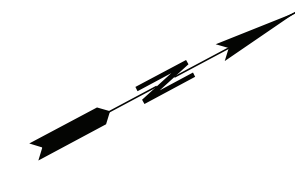
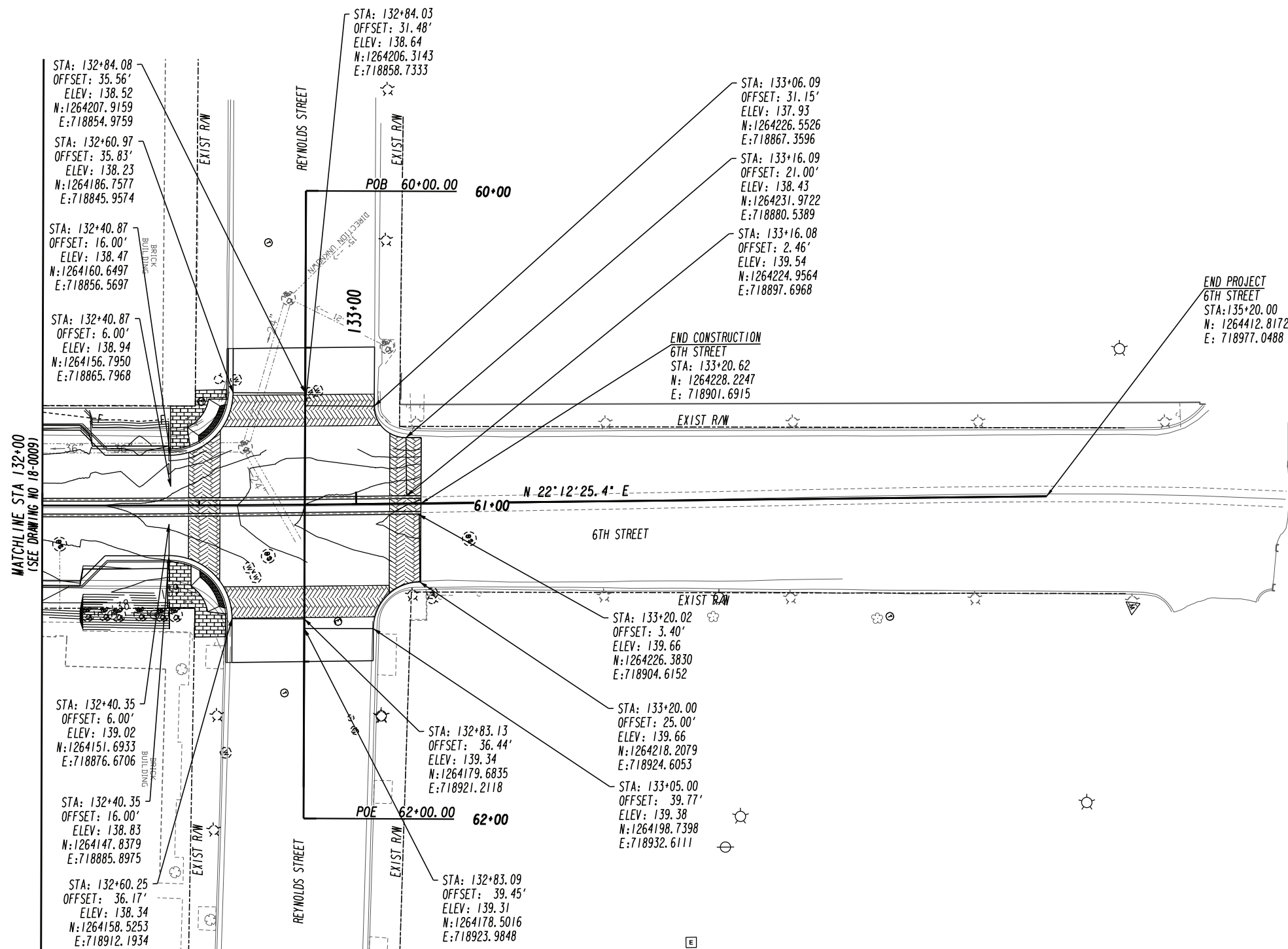
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 TAYLOR STREET TO REYNOLDS STREET

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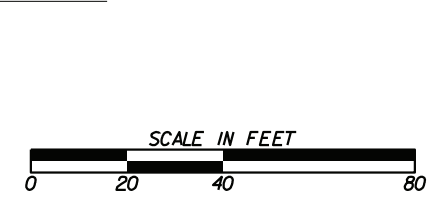


PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----f-----
CONSTRUCTION LIMITS	---C---F---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Hatched Box]

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

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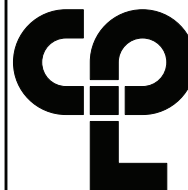
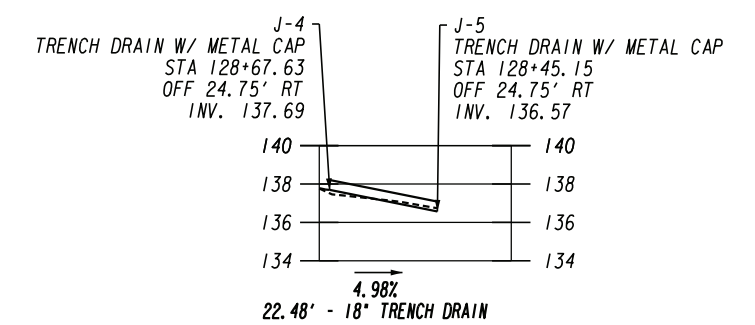
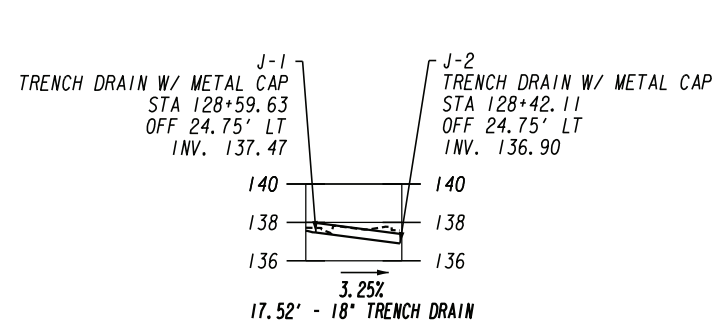
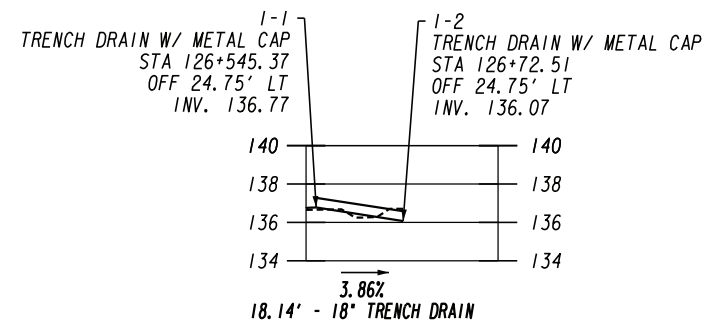
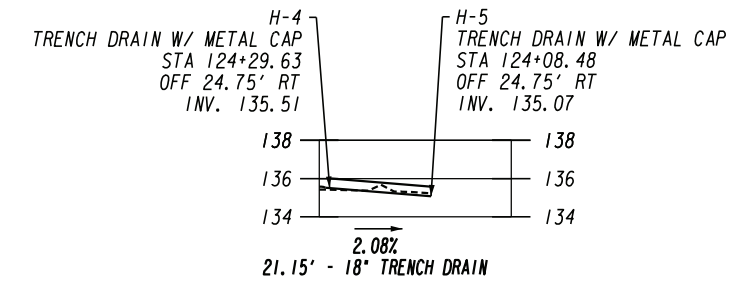
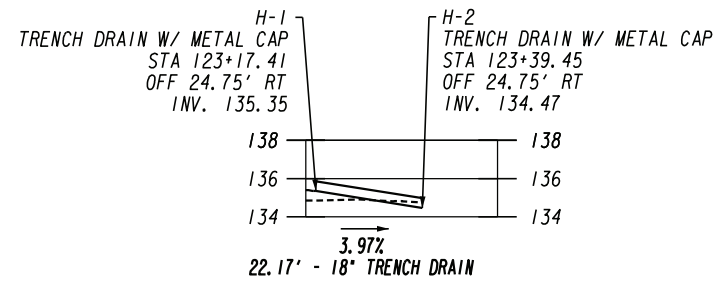
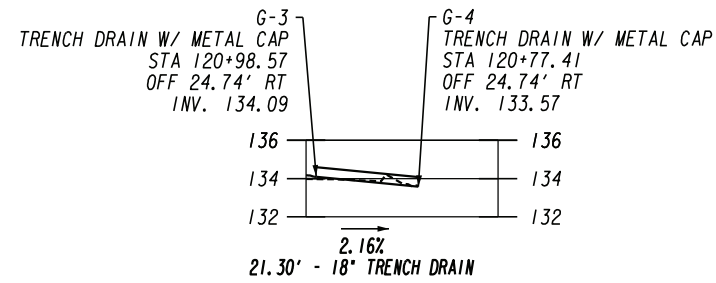
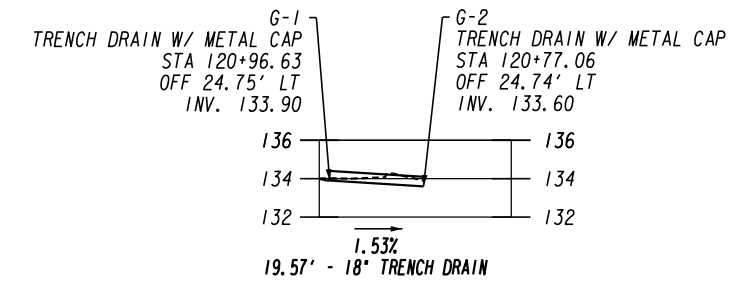
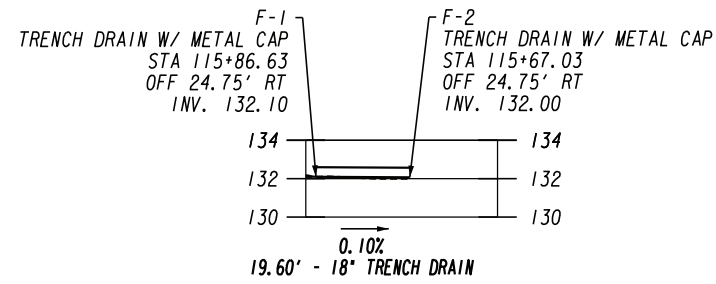
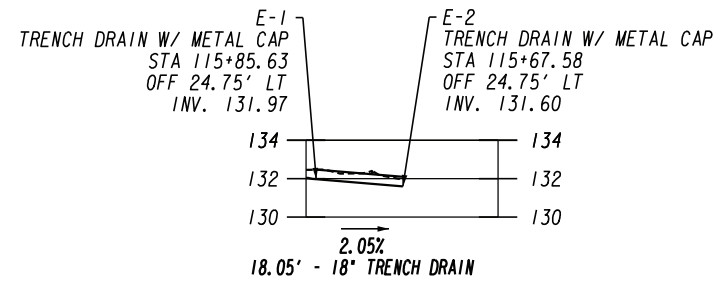
3011 SUTTON GATE DRIVE, SUITE 130  
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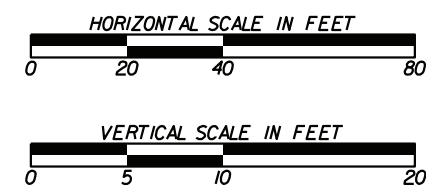
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TAYLOR STREET TO REYNOLDS STREET

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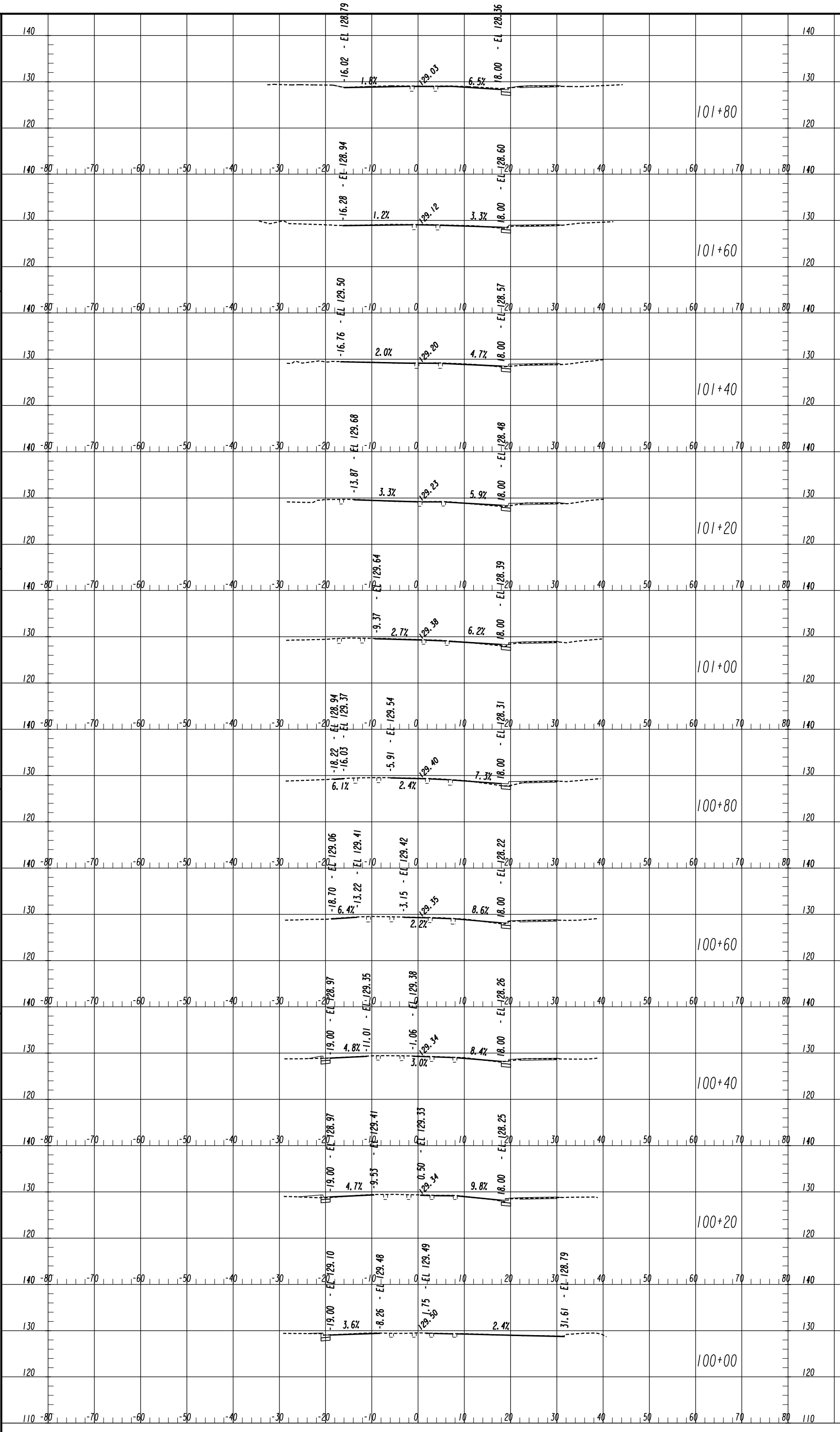
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6TH STREET IMPROVEMENT		
TAYLOR STREET TO REYNOLDS STREET		
CHECKED:	DATE:	DRAWING No.
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DRAWING NO.  
**23-0001**

**CROSS SECTIONS**

6TH STREET IMPROVEMENTS  
TAYLOR STREET TO REYNOLDS STREET

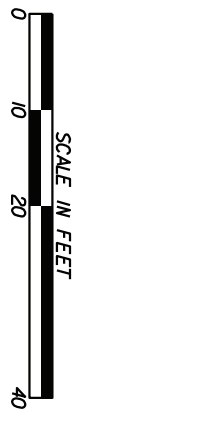
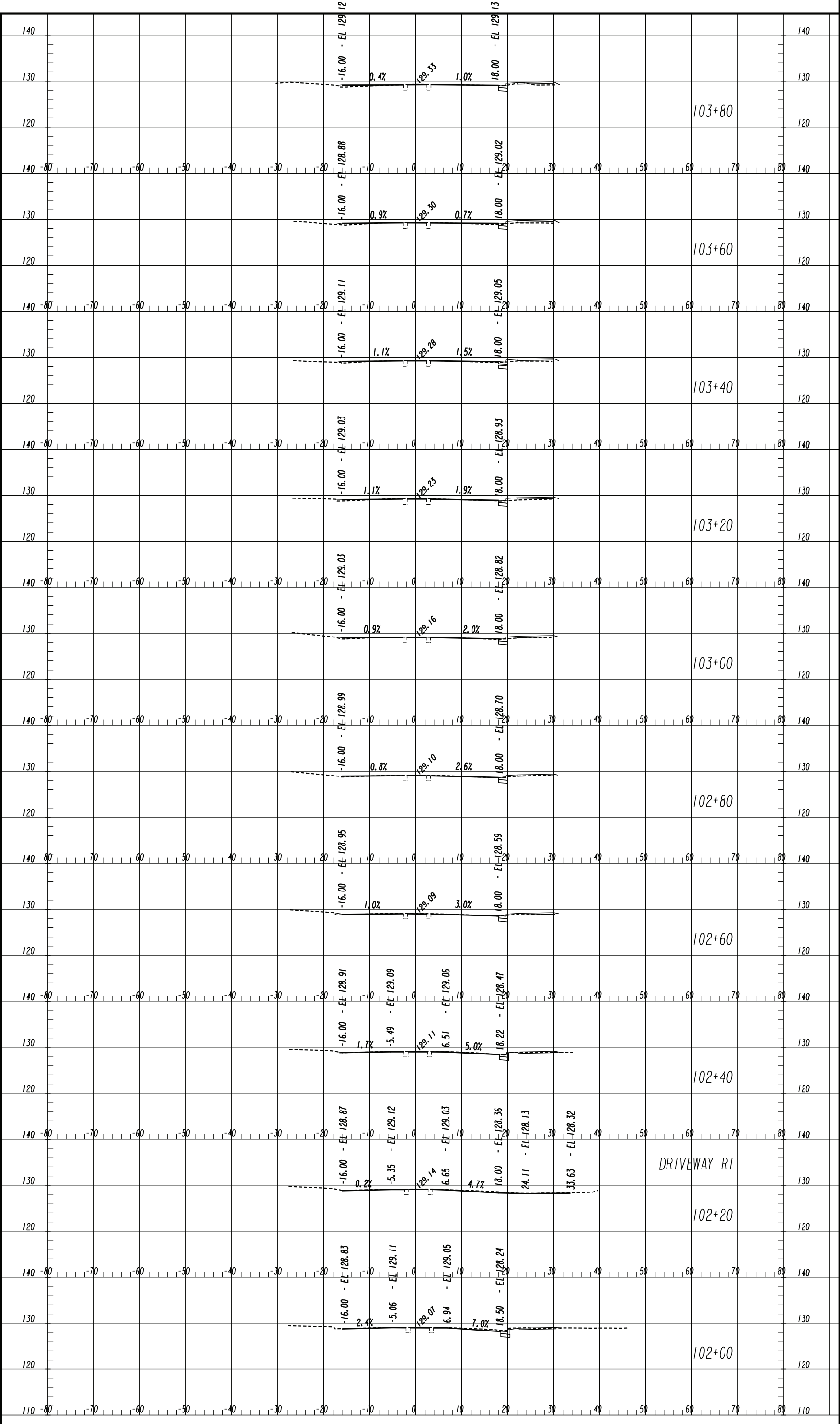
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SCALE IN FEET

REVISION DATES

NO.	DATE	DESCRIPTION



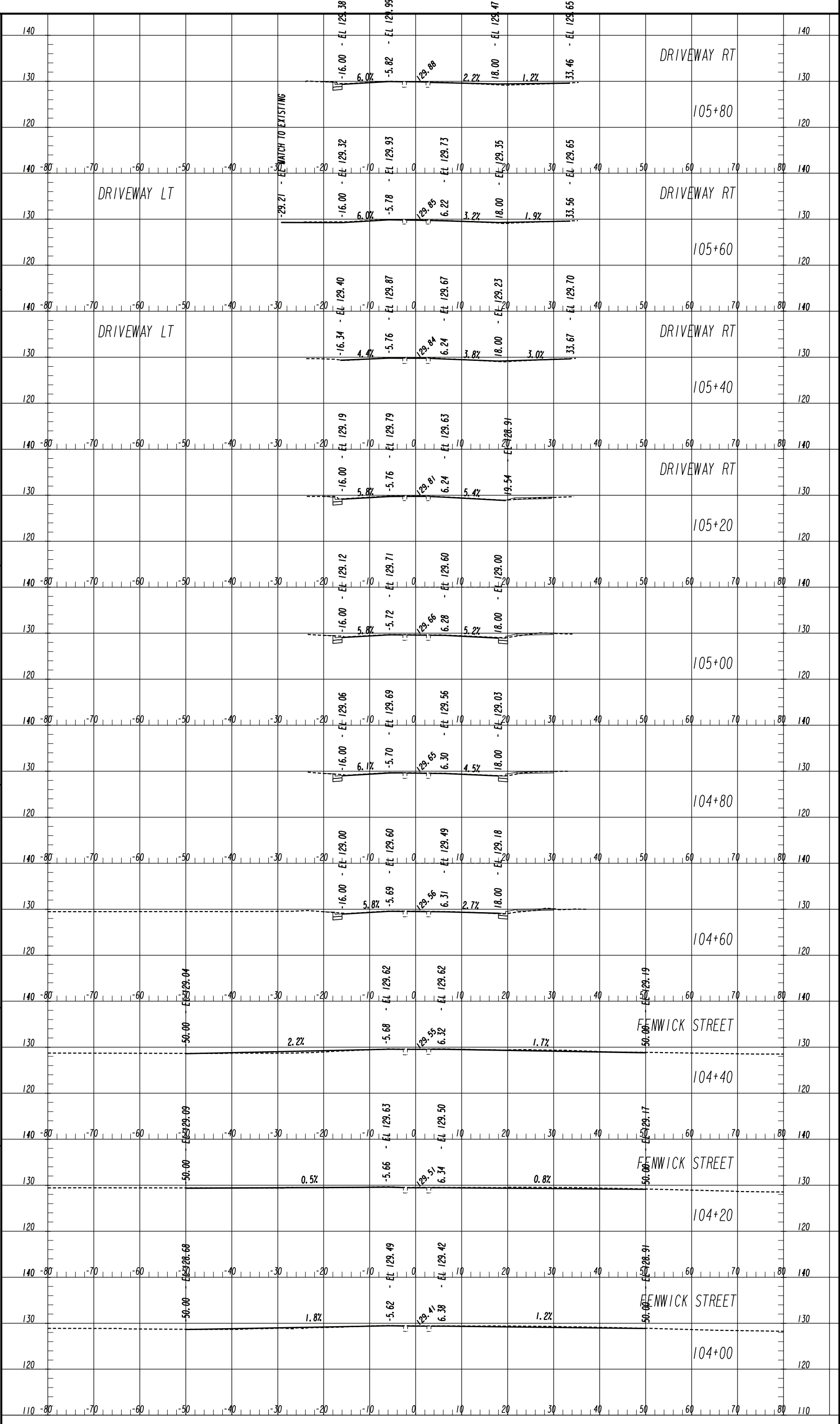


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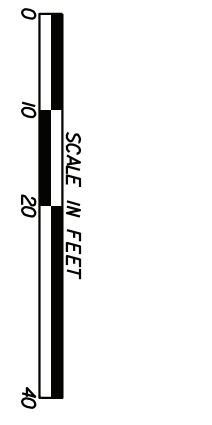
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CROSS SECTIONS

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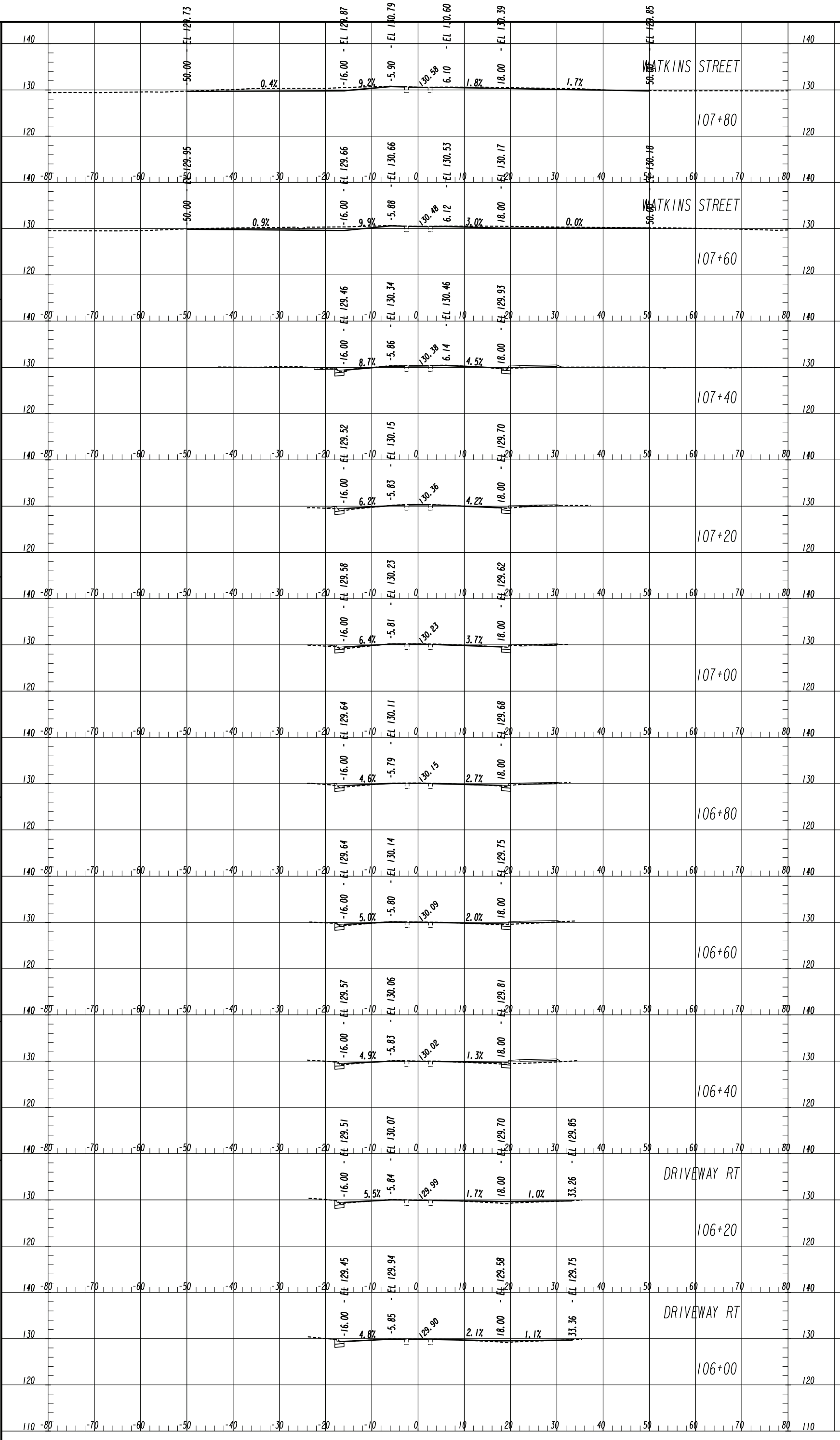


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REVISION DATES	

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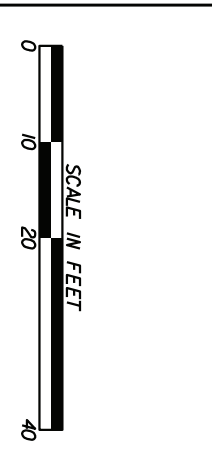


08/17/2015 SUREN

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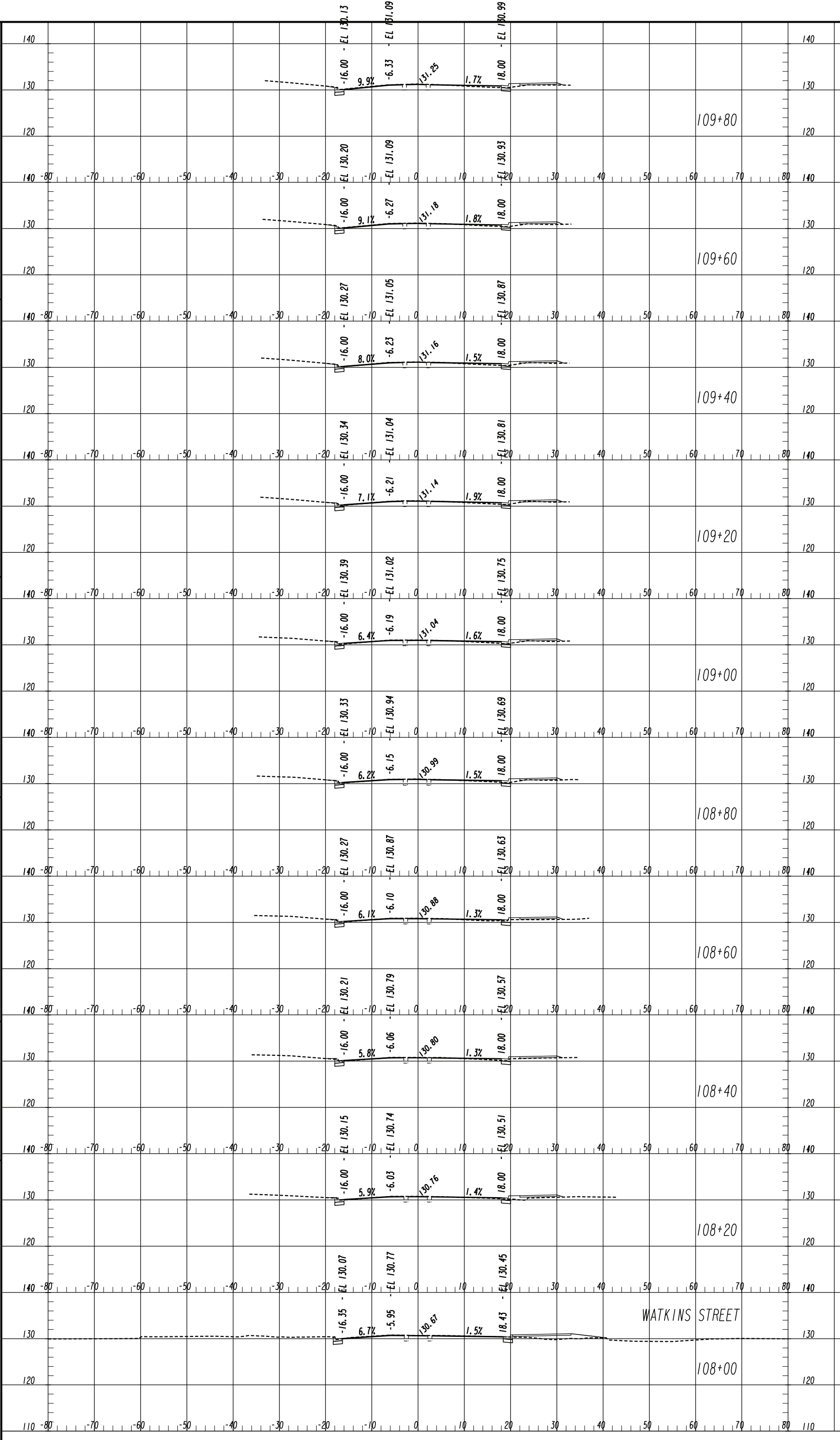
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DRAWING NO. 23-0004

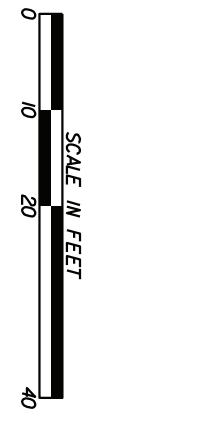
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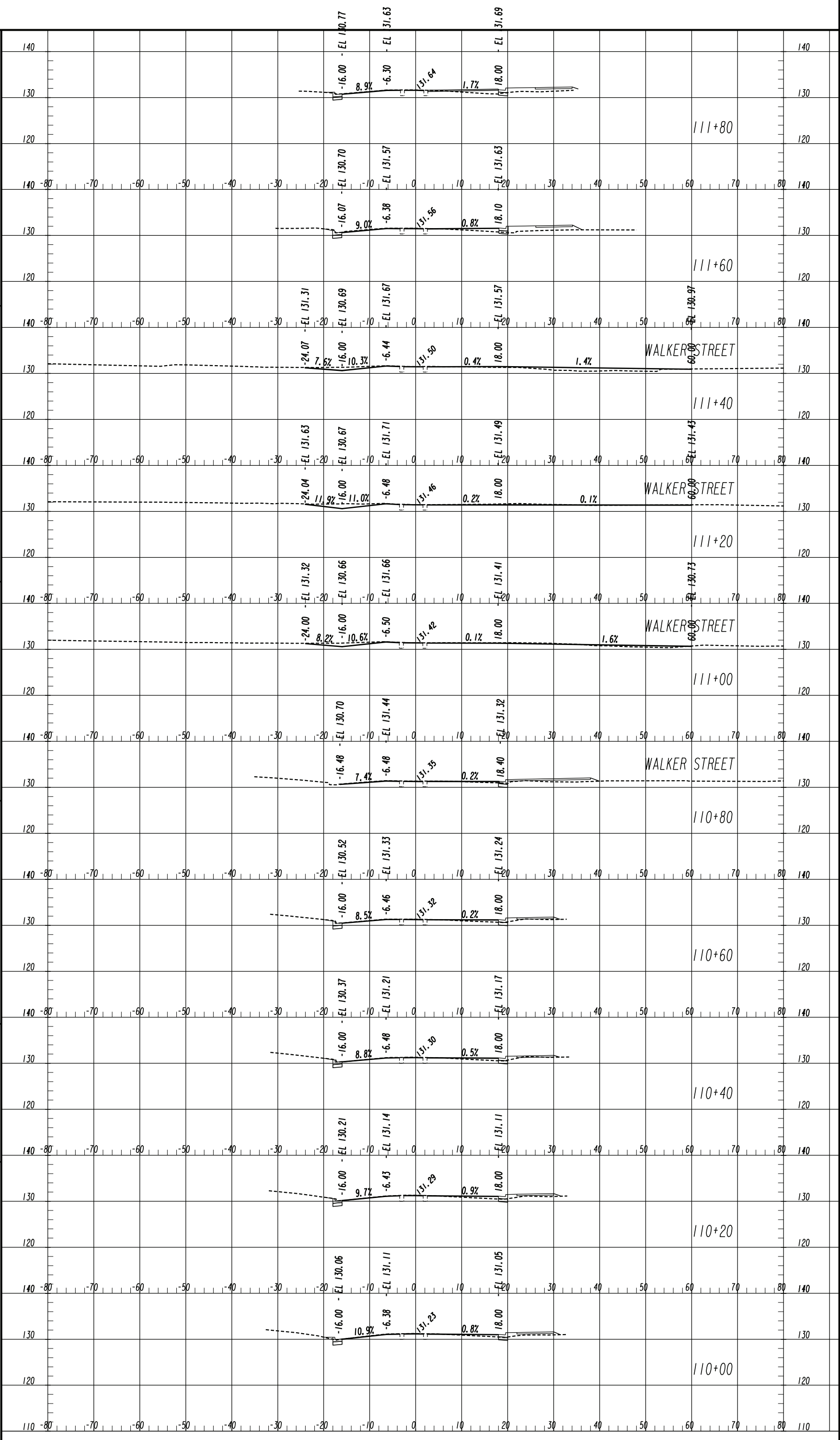
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6TH STREET IMPROVEMENTS  
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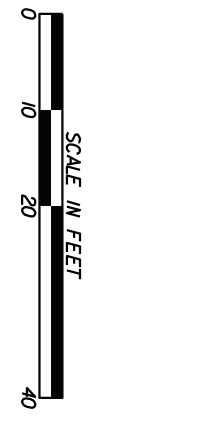
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REVISION DATES

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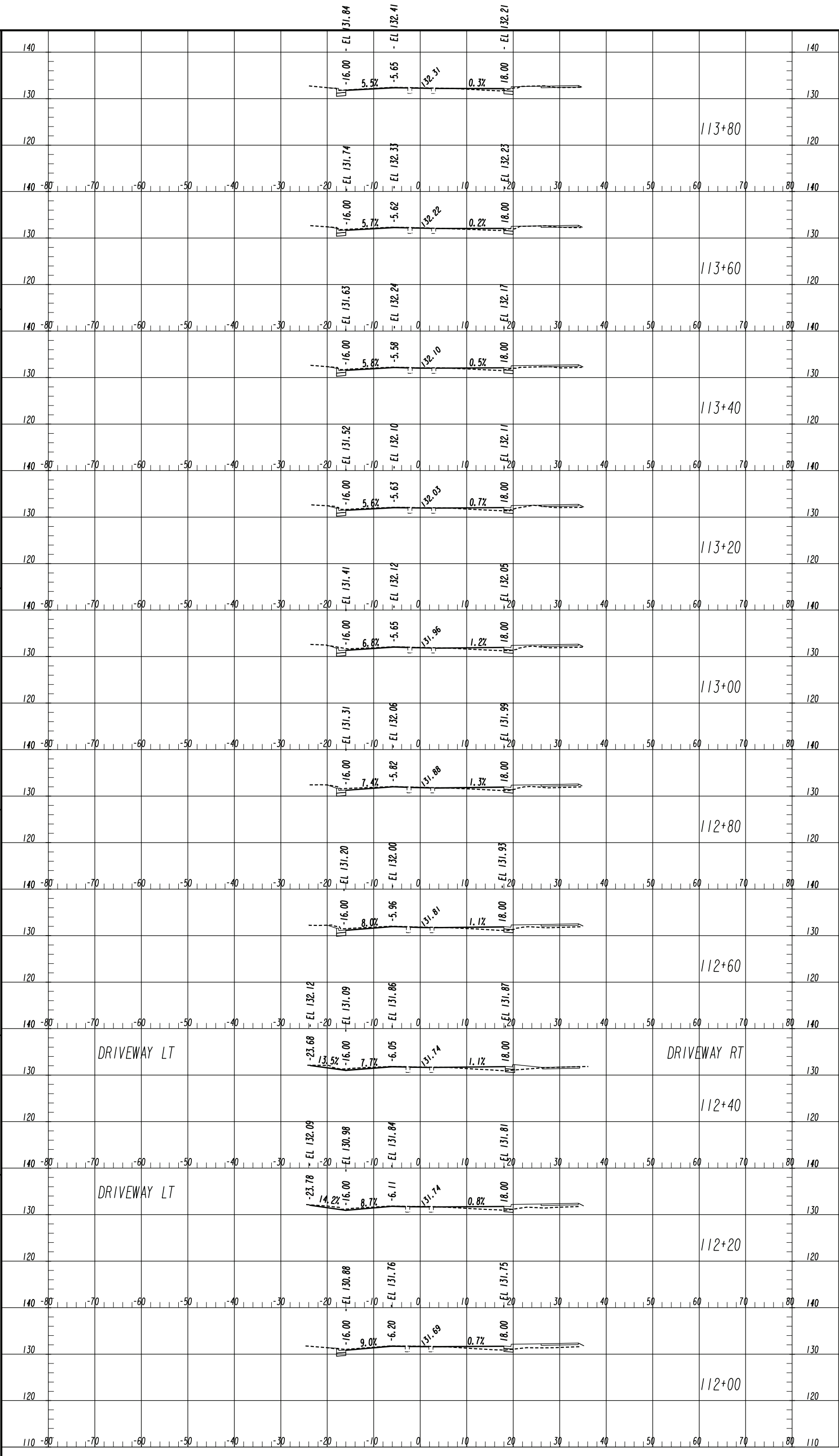
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6TH STREET IMPROVEMENTS  
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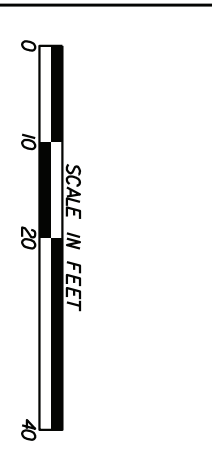
REVISION DATES

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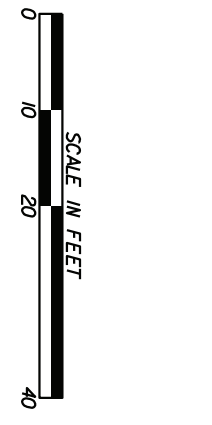
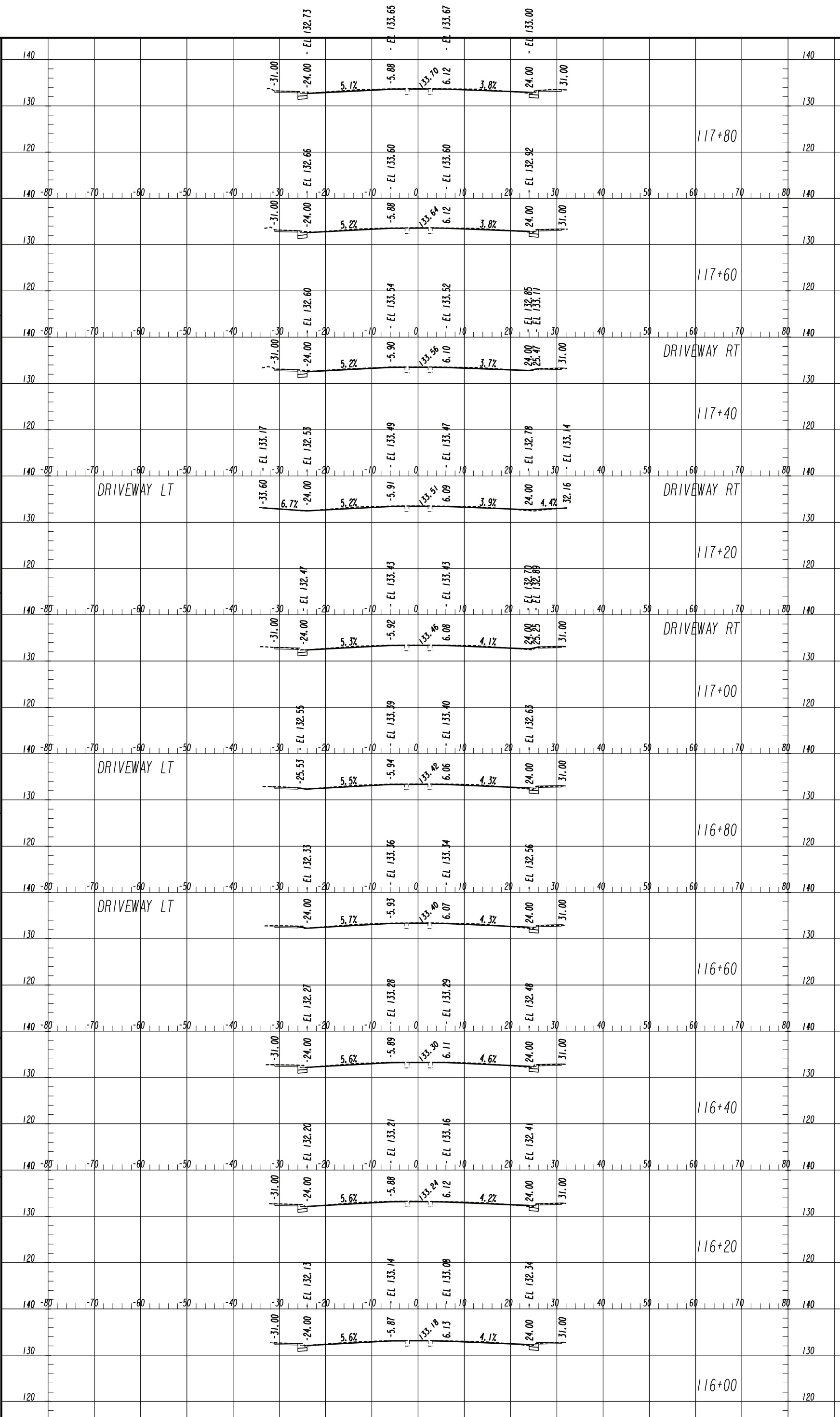
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DRAWING NO. 23-0007



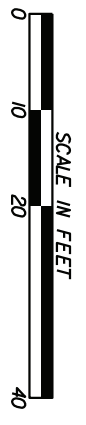
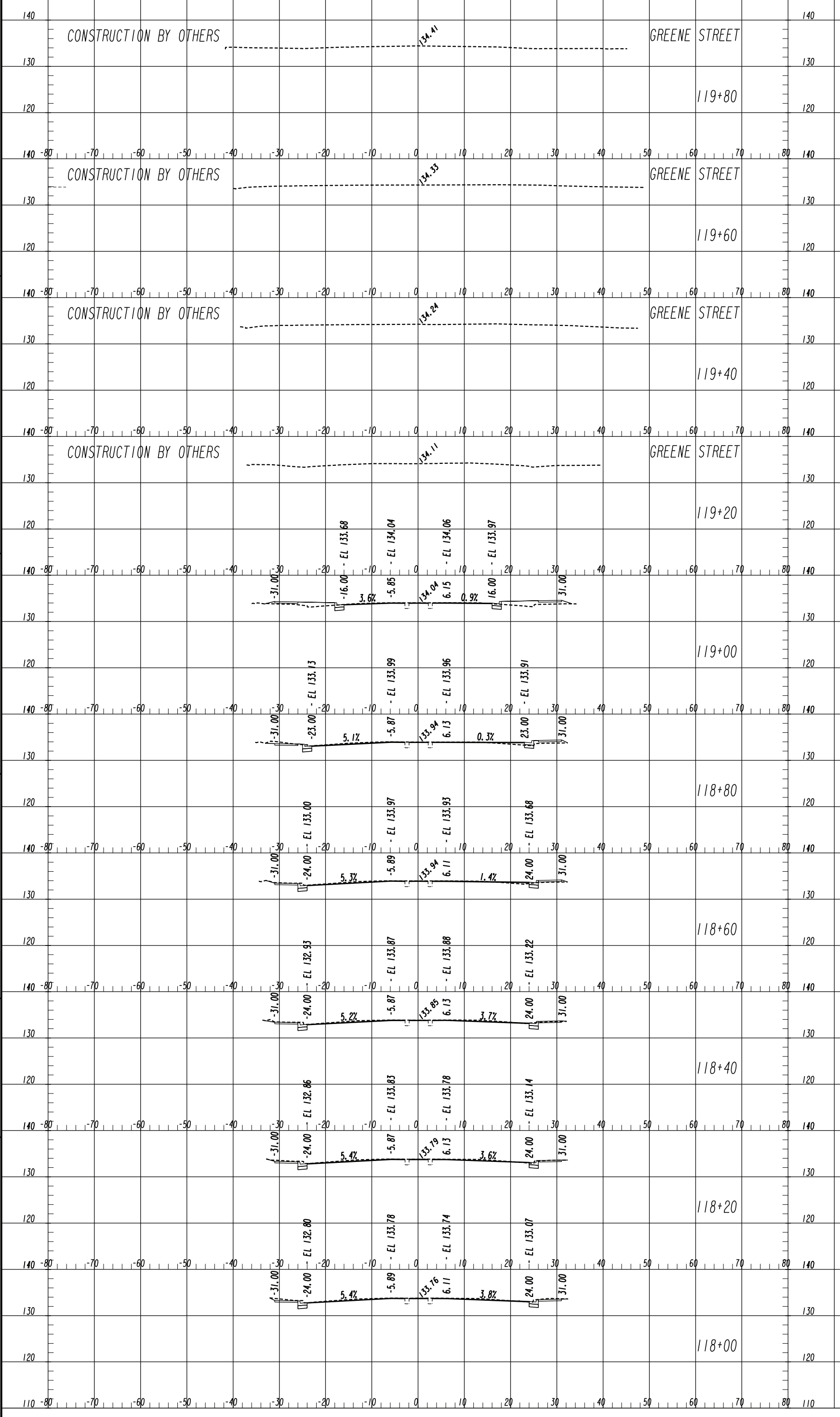




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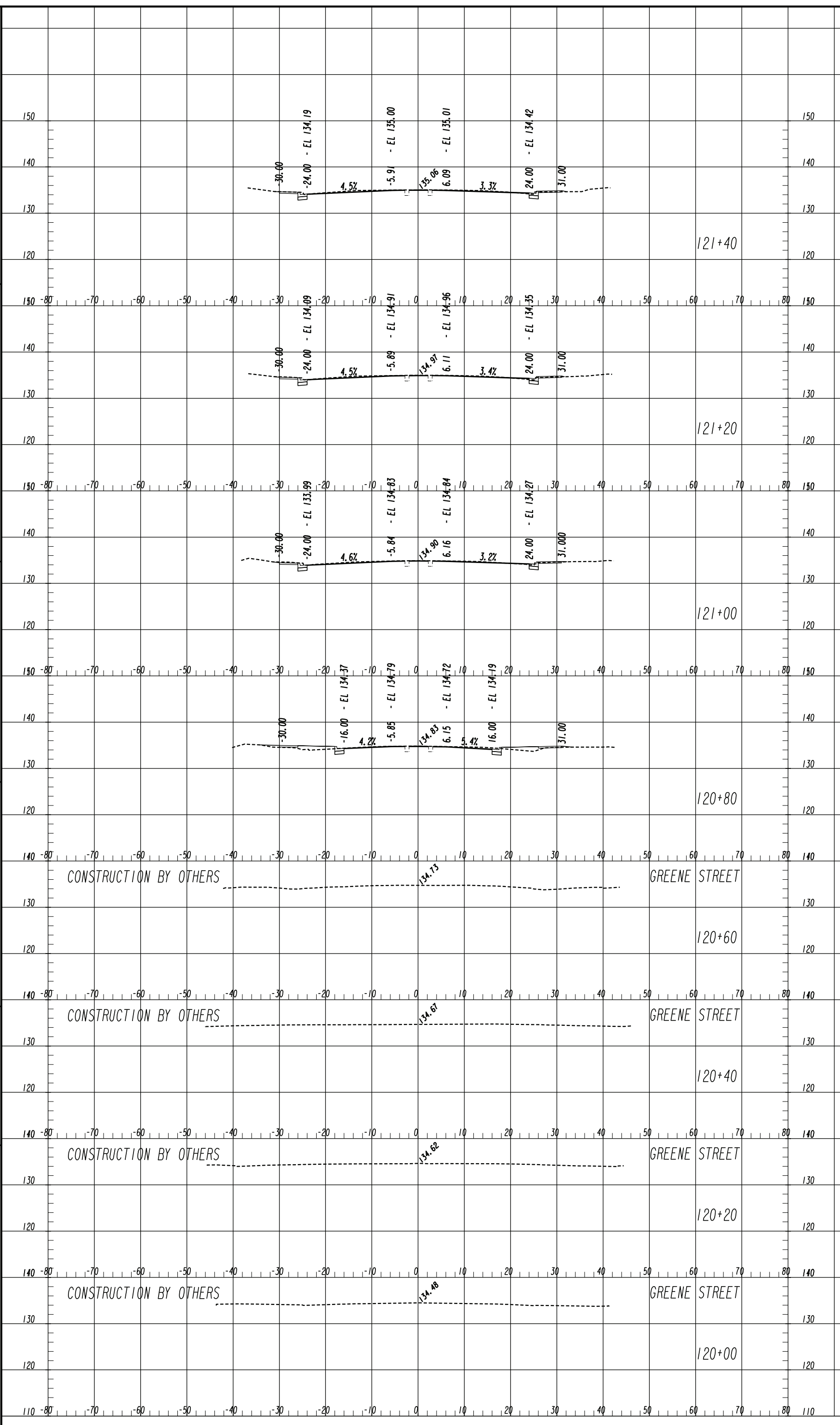
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REVISION DATES

**CROSS SECTIONS**  
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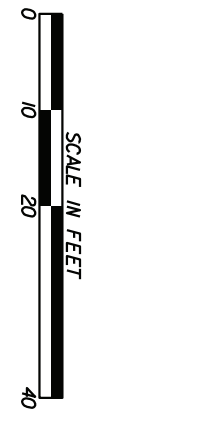
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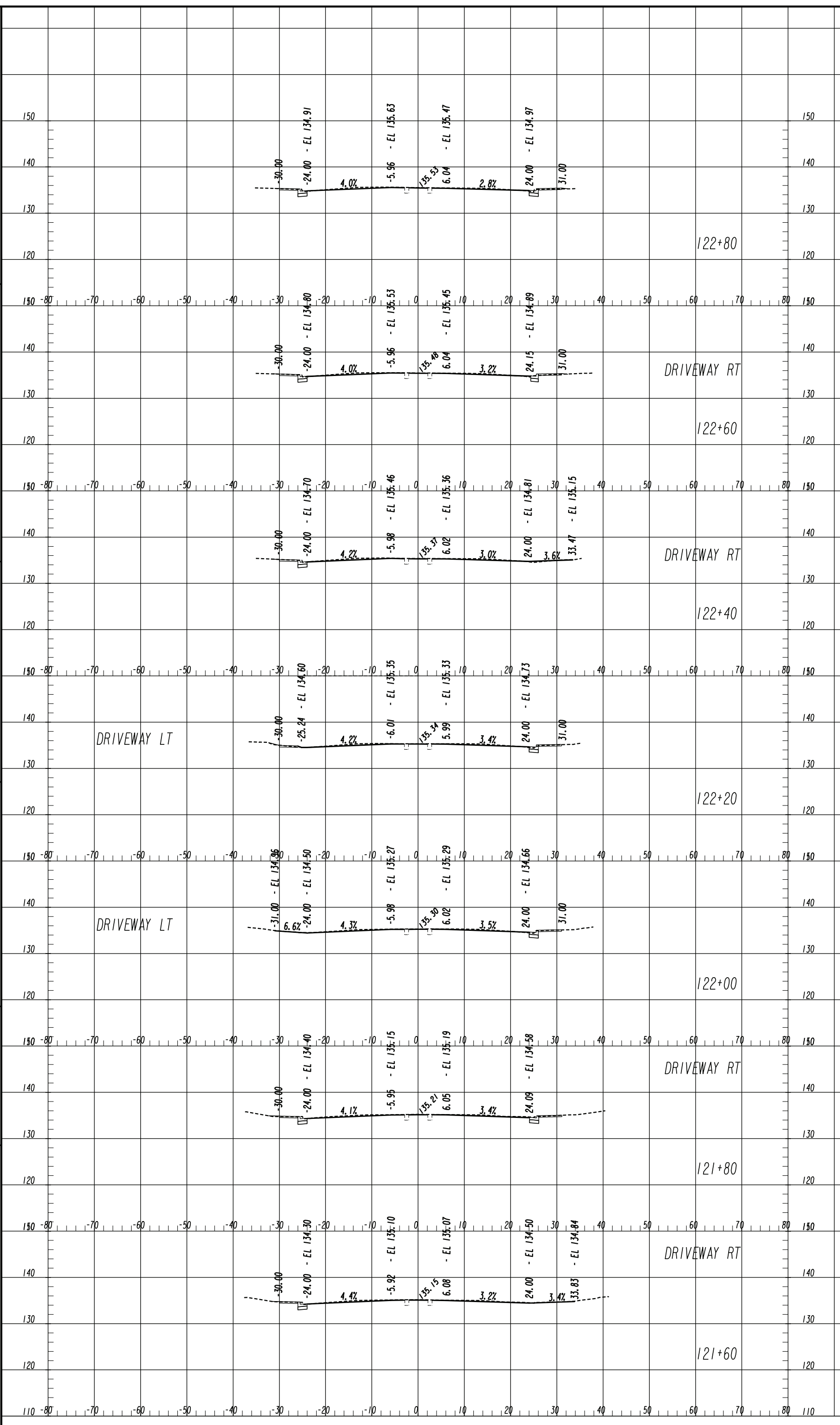
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REVISION DATES

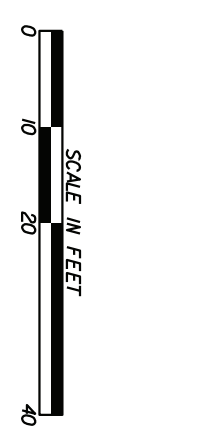
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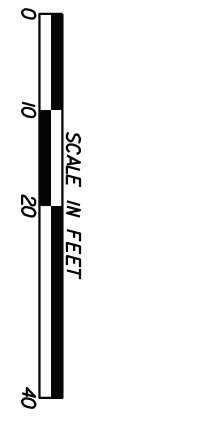
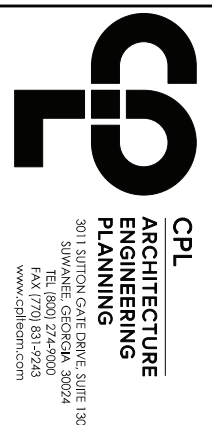
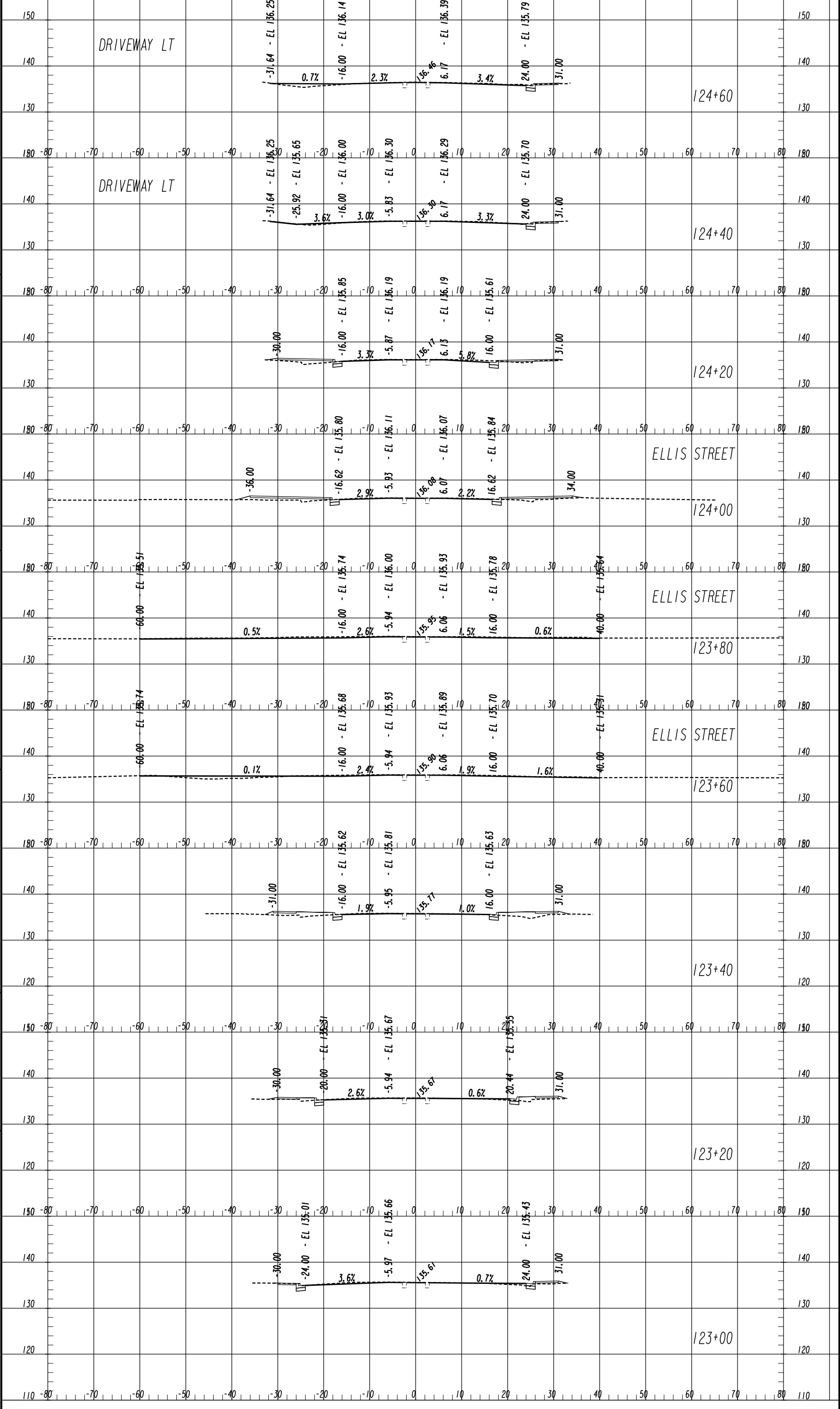


**CROSS SECTIONS**

6TH STREET IMPROVEMENTS  
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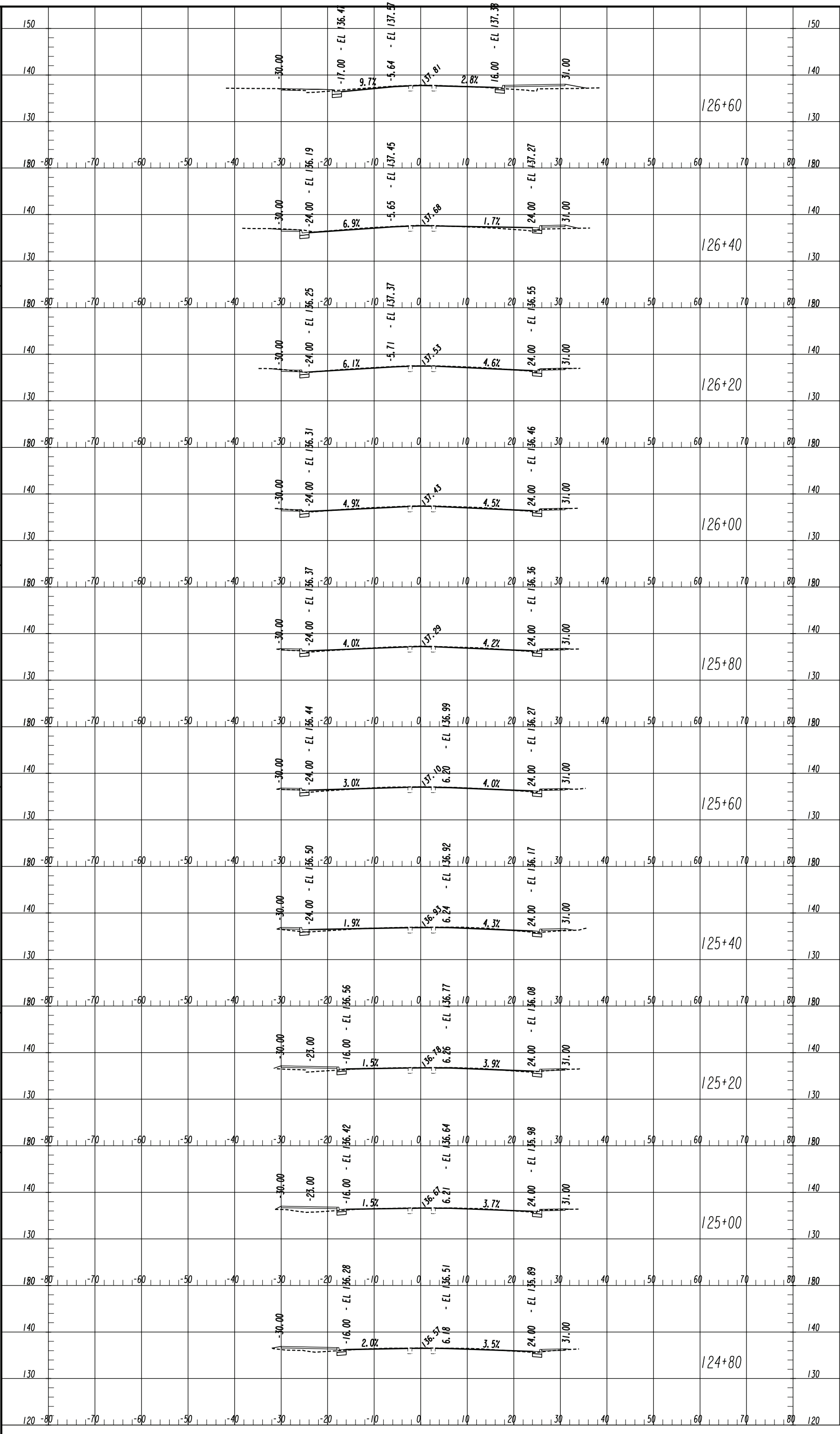
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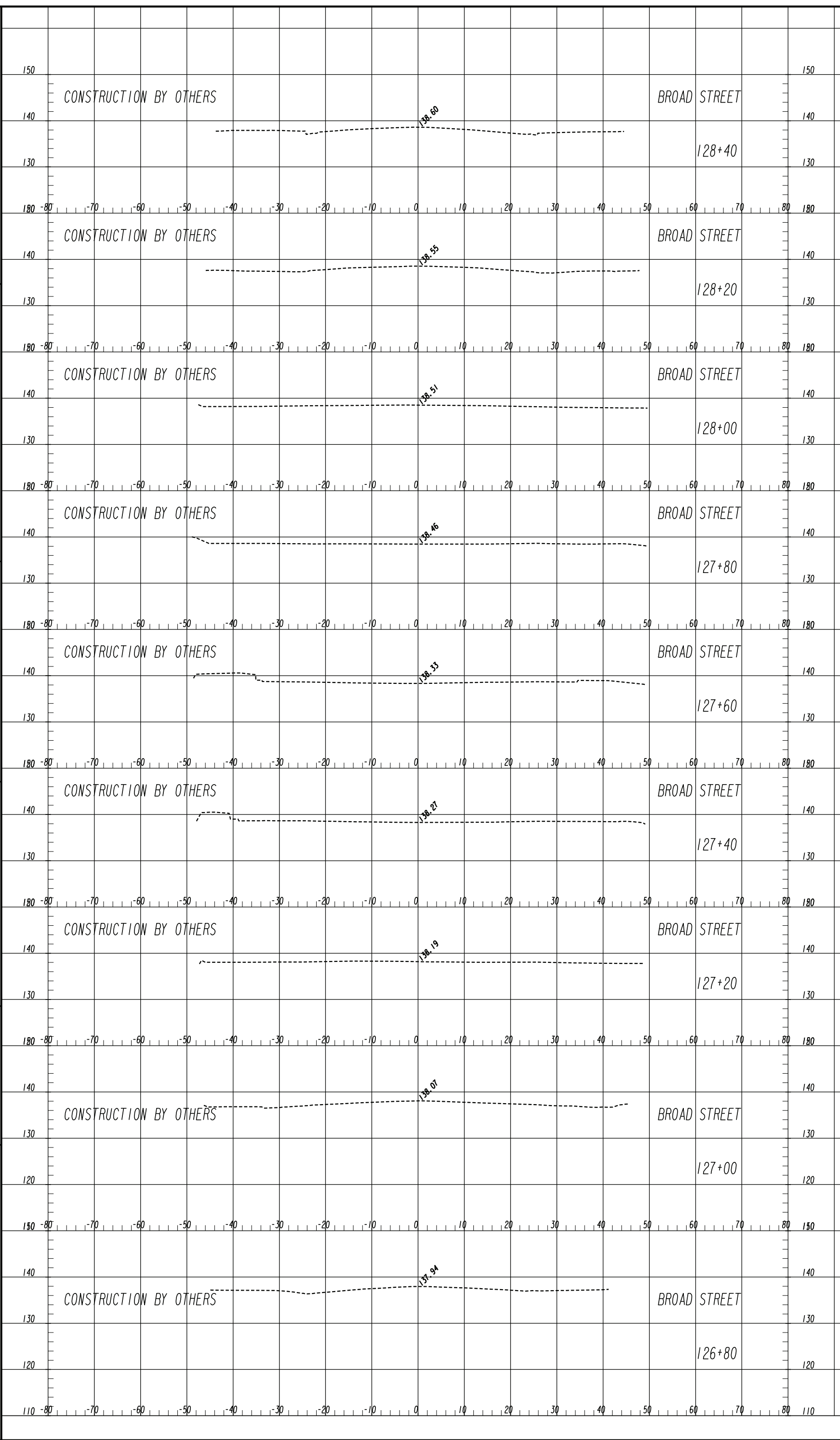
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DRIVING NO. 23-0014

REVISION DATES

NO.	DATE	DESCRIPTION

SCALE IN FEET



CONSTRUCTION BY OTHERS

CONSTRUCTION BY OTHERS

CONSTRUCTION BY OTHERS

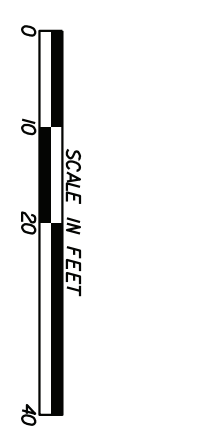
CONSTRUCTION BY OTHERS

CONSTRUCTION BY OTHERS

CONSTRUCTION BY OTHERS

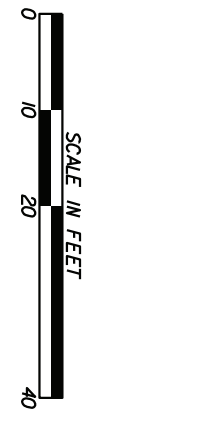
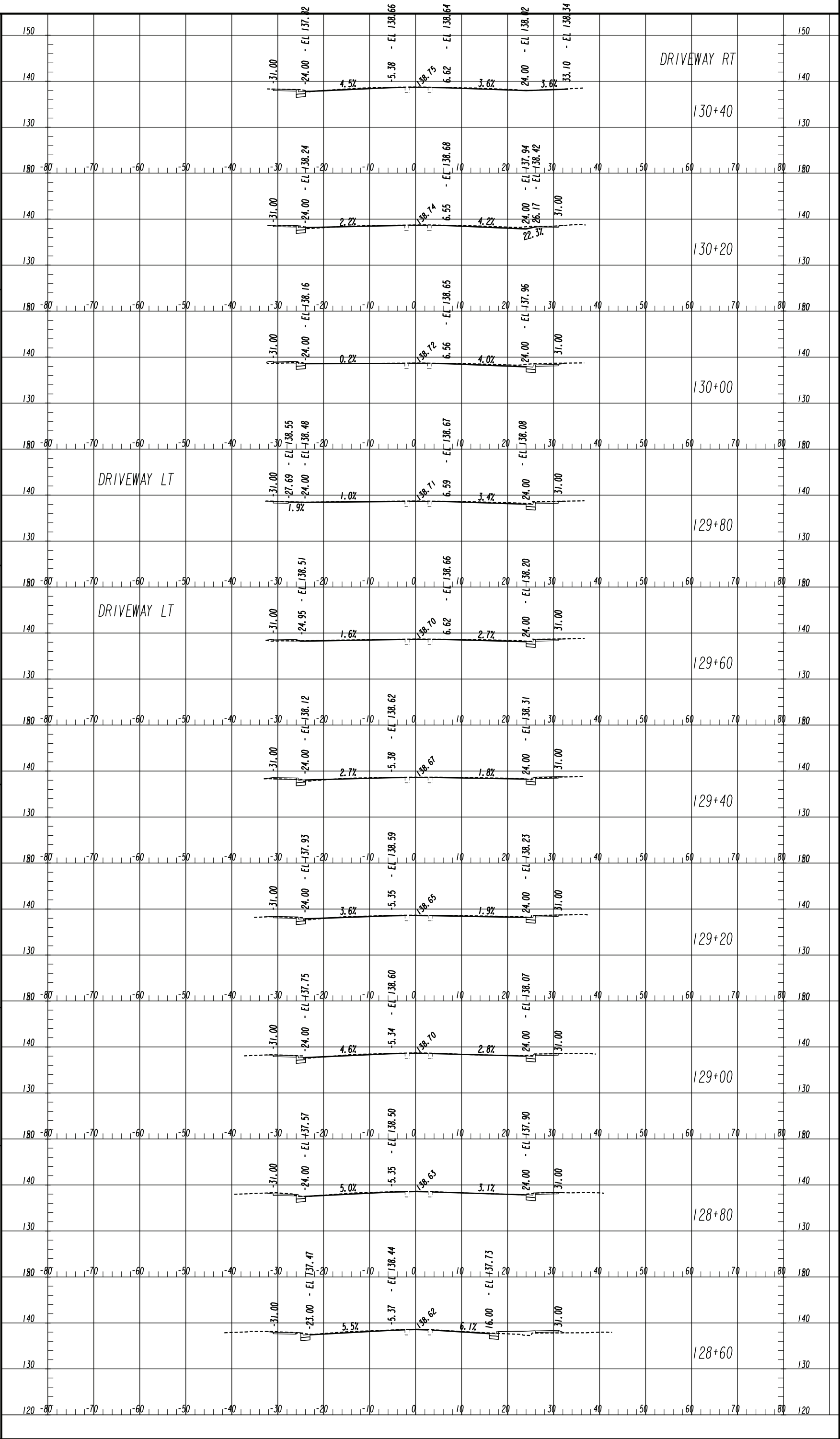
CONSTRUCTION BY OTHERS

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REVISION DATES	

CROSS SECTIONS	
6TH STREET IMPROVEMENTS	
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DRAWING NO. 23-0015	

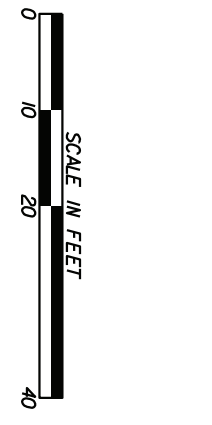
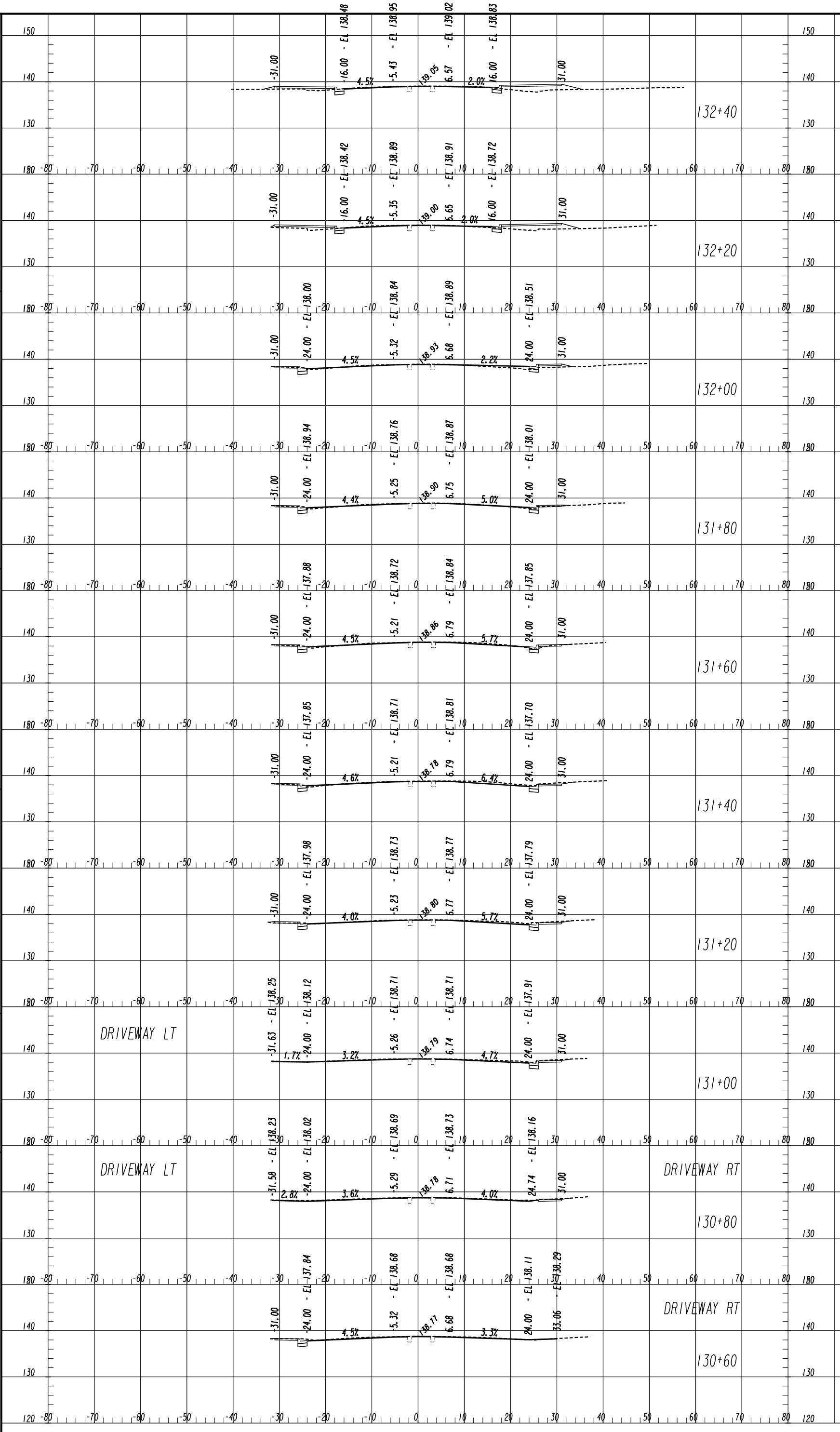


REVISION DATES	

CROSS SECTIONS	
6TH STREET IMPROVEMENTS	
TAYLOR STREET TO REYNOLDS STREET	
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CORRECTED:	DATE:
VERIFIED:	DATE:
DRAWING NO. 23-0016	





REVISION DATES

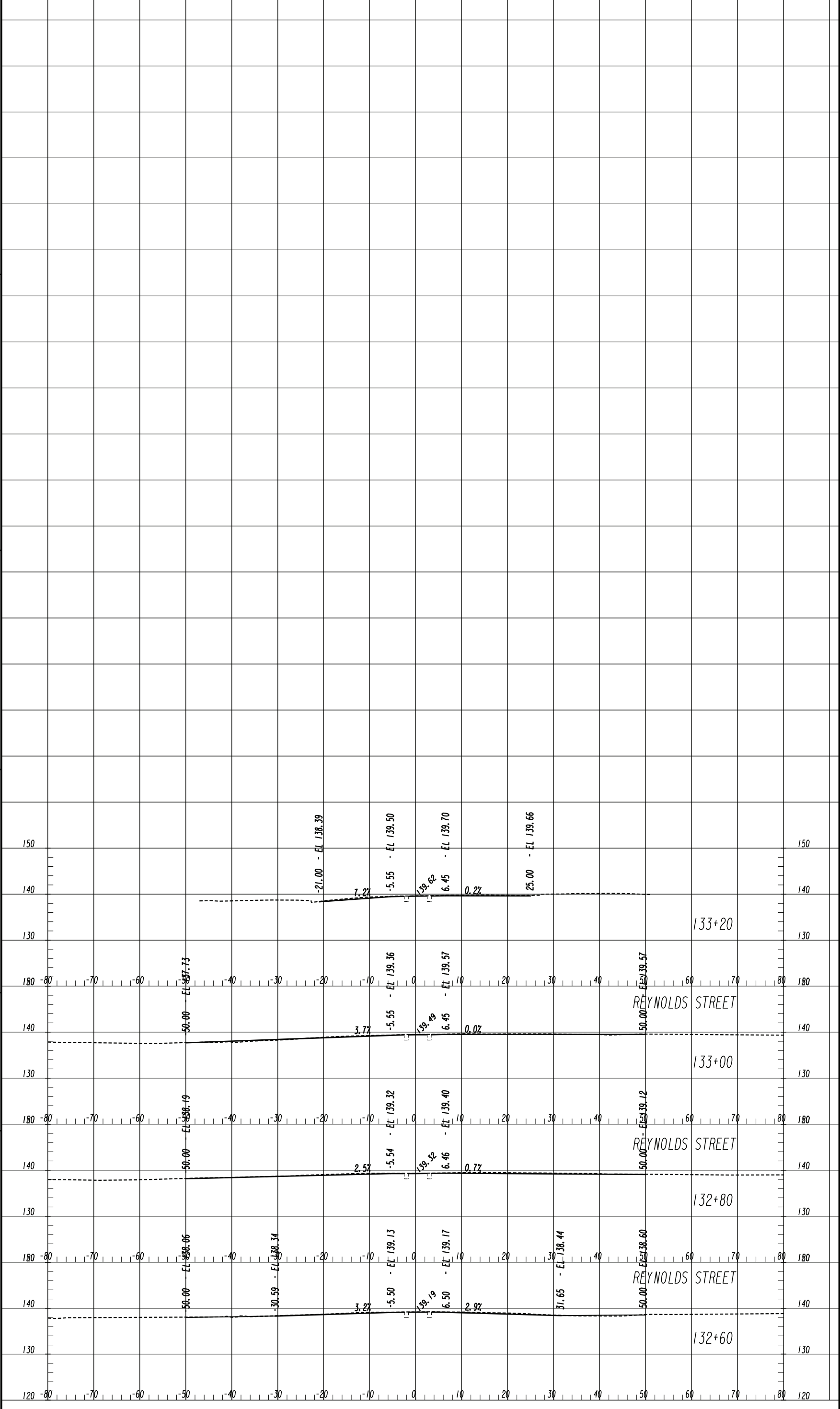
NO.	DATE	DESCRIPTION

CROSS SECTIONS

6TH STREET IMPROVEMENTS  
TAYLOR STREET TO REYNOLDS STREET

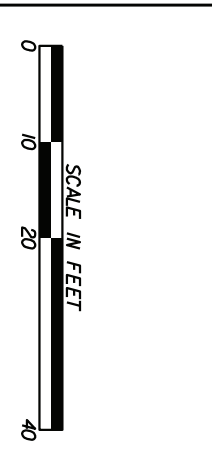
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APPROVED:	DATE:	DATE:	DATE:

DRAWING NO. 23-0017



09/17/2015 SUREN

001/421\_23-0002.dwg



REVISION DATES

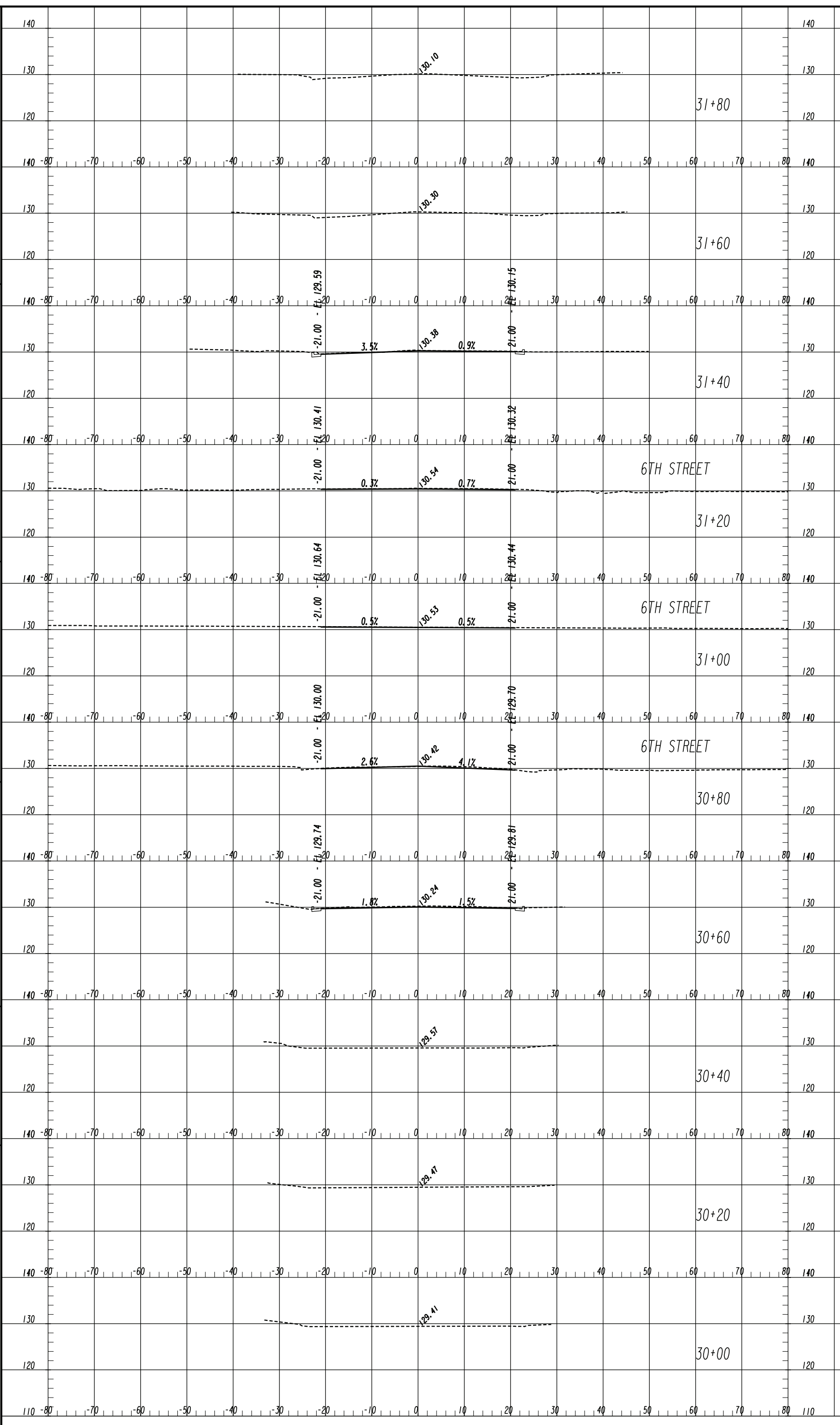
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**CROSS SECTIONS**  
 6TH STREET IMPROVEMENTS  
 TAYLOR STREET TO REYNOLDS STREET

DRIVING NO. 23-0018

CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFY:	DATE:





09/17/2015 SUREN

31+80  
31+60  
31+40

31+20  
31+00  
6TH STREET  
6TH STREET  
6TH STREET

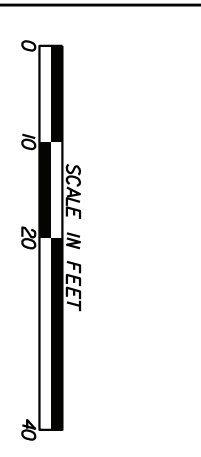
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30+60  
30+40  
30+20  
30+00

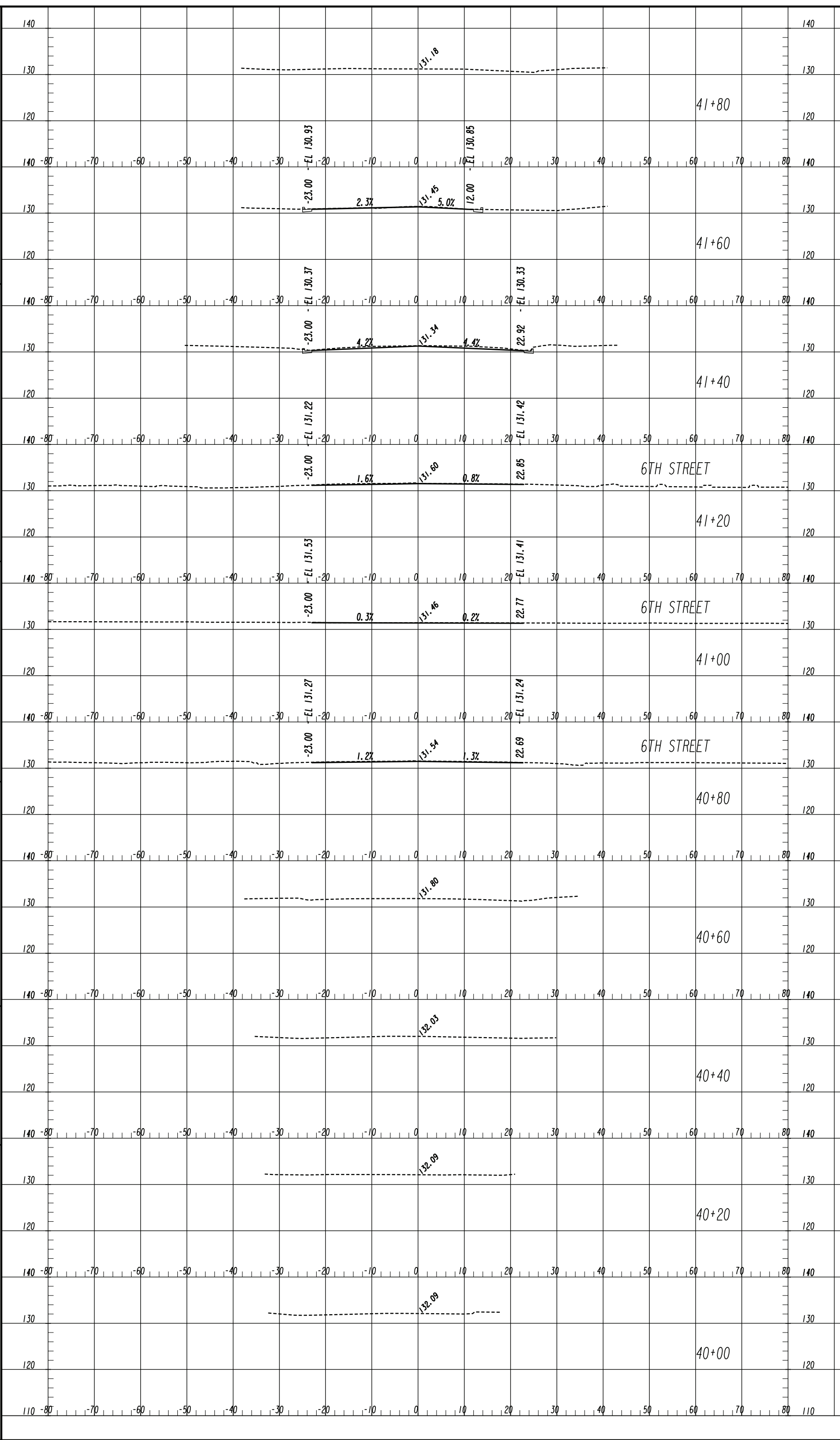
REVISION DATES


CROSS SECTIONS  
6TH STREET IMPROVEMENTS  
WATKINS STREET

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

DRAWING NO.  
23-0020





08/17/2015 SUREN

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41+60  
41+40

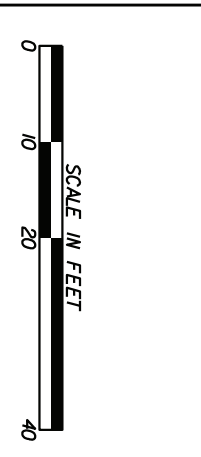
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41+00  
6TH STREET  
6TH STREET  
6TH STREET

40+80  
40+60  
40+40  
40+20  
40+00

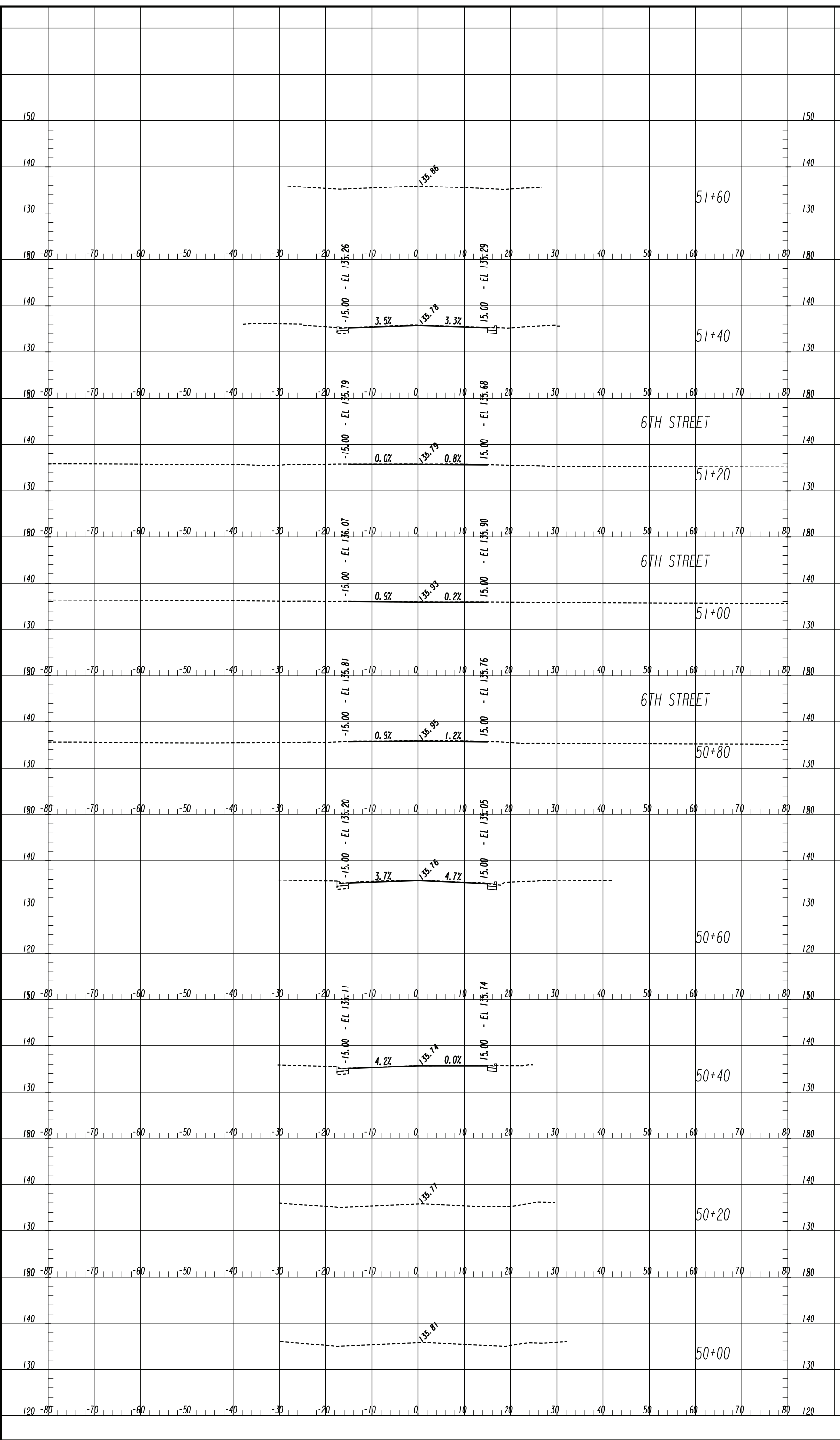
REVISION DATES


**CROSS SECTIONS**  
6TH STREET IMPROVEMENTS  
WALKER STREET

CHECKED:	DATE:	DRAWING NO.
BACKCHECKED:	DATE:	23-0021
CORRECTED:	DATE:	
VERIFIED:	DATE:	







09/17/2015 SUREN

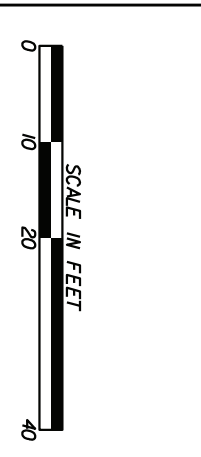
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140  
130  
180 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 180

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180 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 180

150  
140  
130  
180 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 180

150  
140  
130  
180 -80 -70 -60 -50 -40 -30 -20 -10 0 10 20 30 40 50 60 70 80 180

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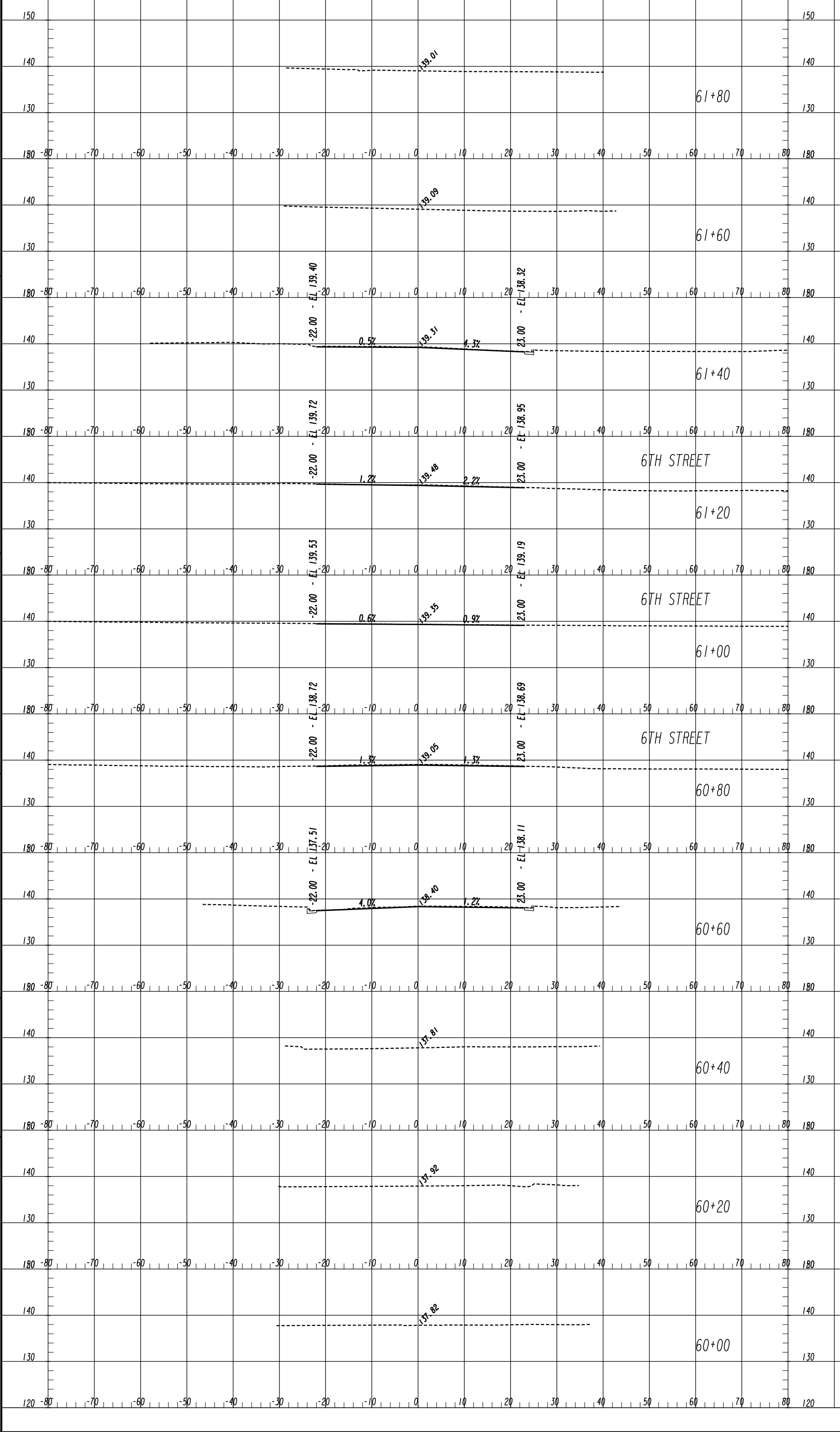


REVISION DATES

NO.	DATE	DESCRIPTION

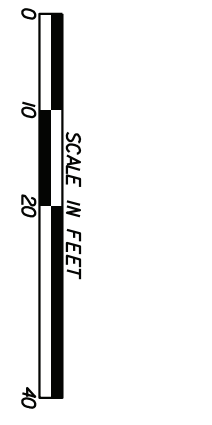
CROSS SECTIONS  
6TH STREET IMPROVEMENTS  
ELLIS STREET

DATE:	DRWING NO.
	23-0022



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REVISION DATES

NO.	DATE	DESCRIPTION

**CROSS SECTIONS**  
6TH STREET IMPROVEMENTS  
REYNOLDS STREET

DESIGNED:	DATE:	DRWING NO.
CHECKED:	DATE:	23-0023
CORRECTED:	DATE:	
VERIFY:	DATE:	

UTILITY LINECODES

Table with columns: EXISTING, TO BE REMOVED, PROPOSED, TYPE OF UTILITY. Lists various utility codes like E, T, TV, W, G, P, TC and their descriptions.

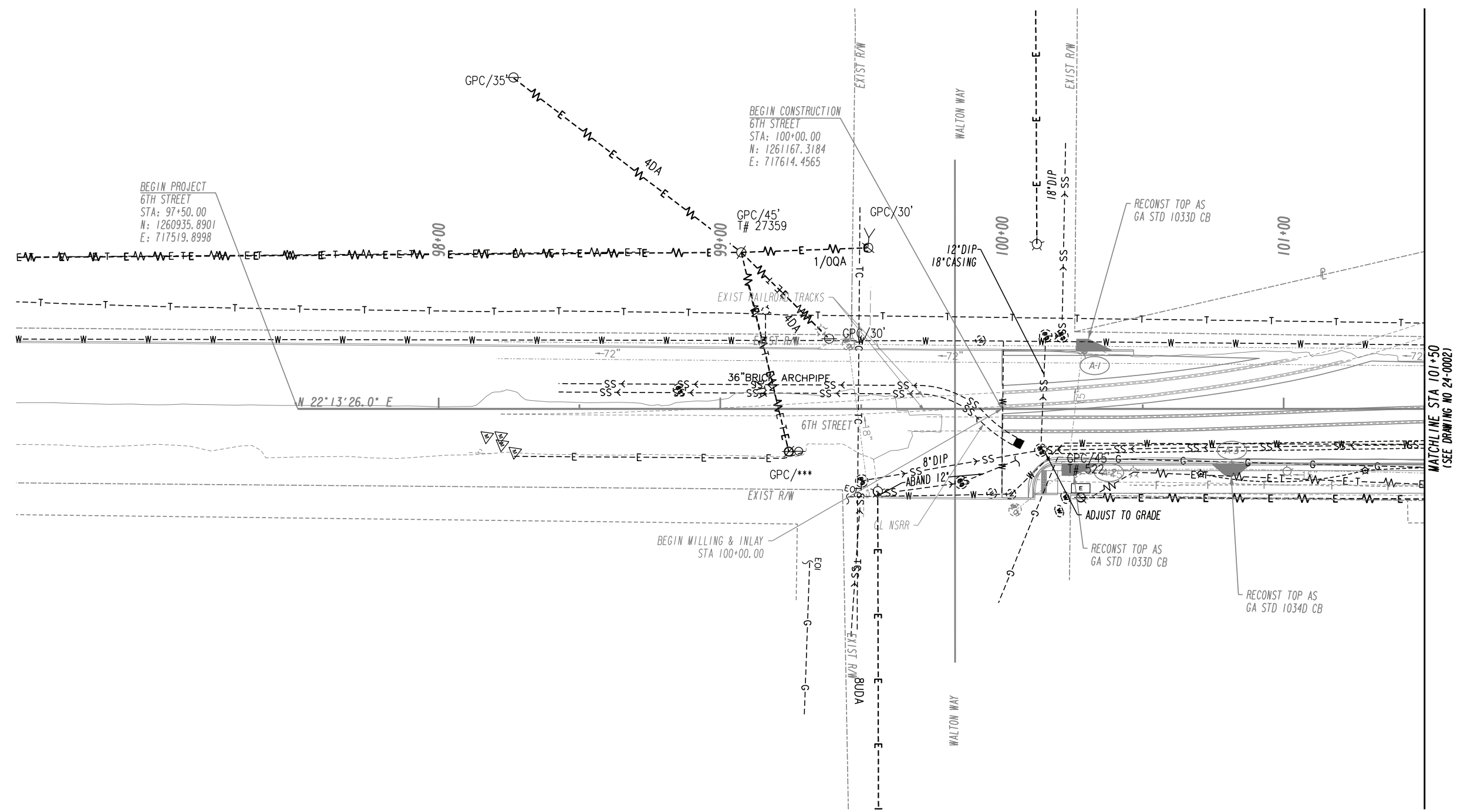
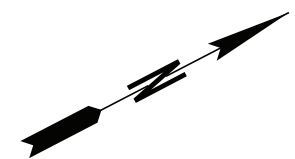
UTILITY SYMBOLS

Table with columns: EXISTING, PROPOSED, TEMPORARY. Lists symbols for utility poles, manholes, valves, etc. Includes a MISCELLANEOUS section for LOS, TH, etc.

QUALITY LEVELS AND DEFINITIONS
OL-D DEPICTED ACCORDING TO UTILITY RECORD INFORMATION AND IN-FIELD VISUAL INSPECTION. NO ELECTRONIC DESIGNATING INFORMATION WAS OBTAINED.
OL-C EXISTING UTILITY STRUCTURES HAVE BEEN FIELD LOCATED AND SURVEYED TO ASSIST IN DEPICTING THE UTILITIES SHOWN ON RECORDS. NO ELECTRONIC DESIGNATING INFORMATION WAS OBTAINED.
OL-B INFORMATION WAS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROPRIATE HORIZONTAL POSITION OF THE SUBSURFACE UTILITIES. OL-B DATA SHOULD BE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES DEFINED BY THE PROJECT AND REDUCED TO PLAN DOCUMENTS.
OL-A OBTAIN PRECISE HORIZONTAL AND VERTICAL POSITION OF THE UTILITY LINE BY EXCAVATING A TEST HOLE. THE TEST HOLE SHALL BE DONE USING VACUUM EXCAVATION OR COMPARABLE NONDESTRUCTIVE EQUIPMENT IN A MANNER AS TO CAUSE NO DAMAGE TO THE UTILITY LINE. AFTER EXCAVATING A TEST HOLE, A FIELD SURVEY SHALL BE PERFORMED TO DETERMINE THE EXACT LOCATION AND POSITION OF THE UTILITY LINE.

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REVISION DATES
UTILITY PLANS LEGEND
6TH STREET IMPROVEMENT
TAYLOR STREET TO REYNOLD STREET
CHECKED: DATE:
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:
DRAWING No. 24-0000

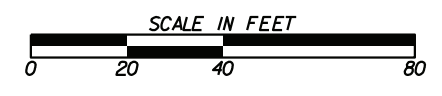


PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----
CONSTRUCTION LIMITS	-----C-----
EASEMENT FOR CONSTR	-----F-----
& MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Hatched Box]

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

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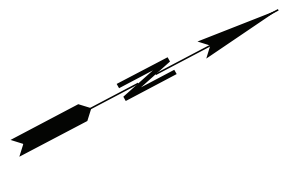
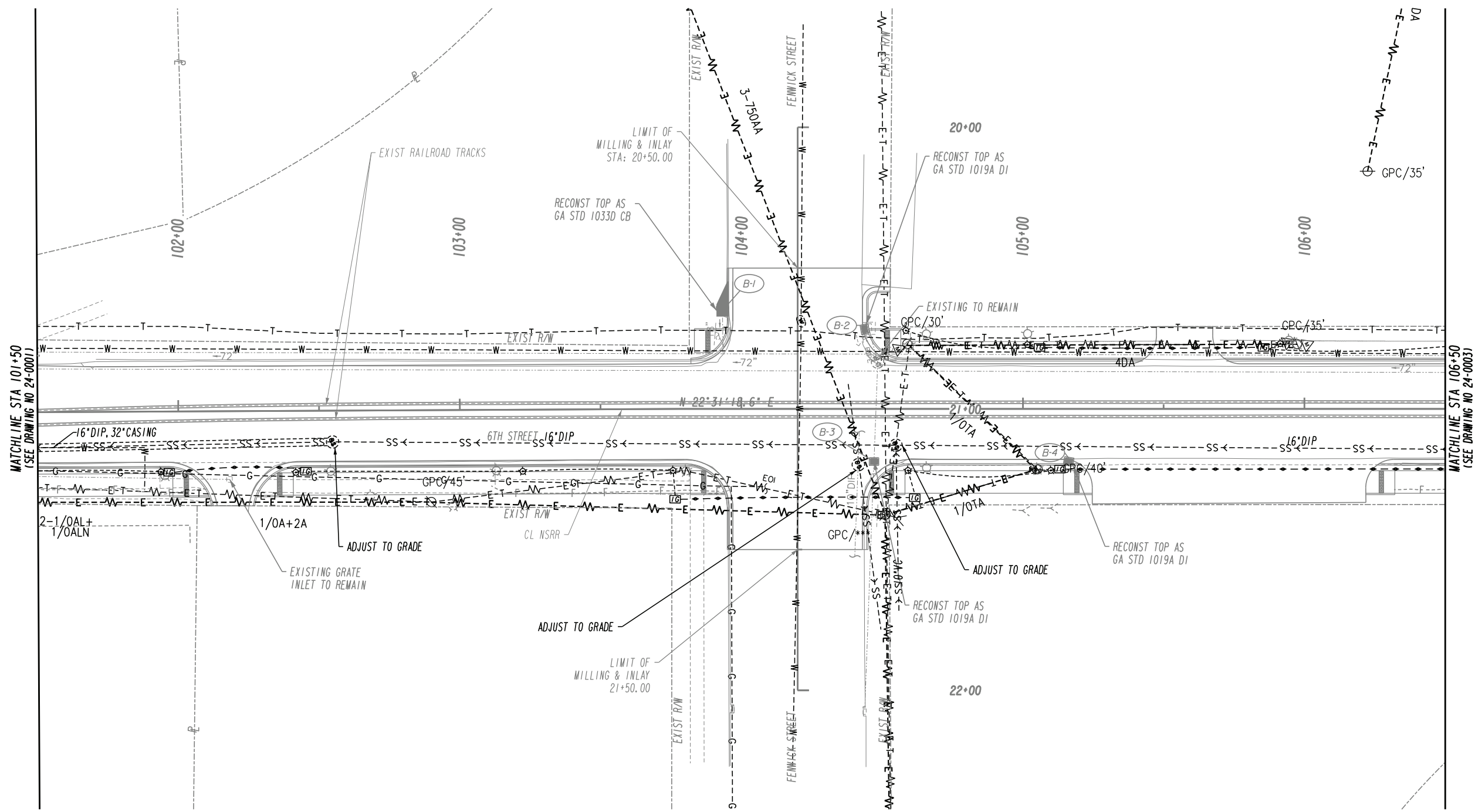
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REVISION DATES	

**UTILITY PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

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

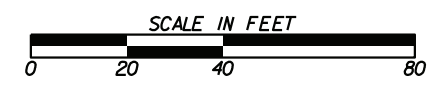


PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----f-----
CONSTRUCTION LIMITS	-----g-----
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	-----h-----
EASEMENT FOR CONSTR OF SLOPES	-----i-----
EASEMENT FOR CONSTR OF DRIVES	-----j-----

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

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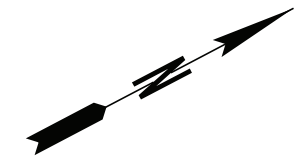
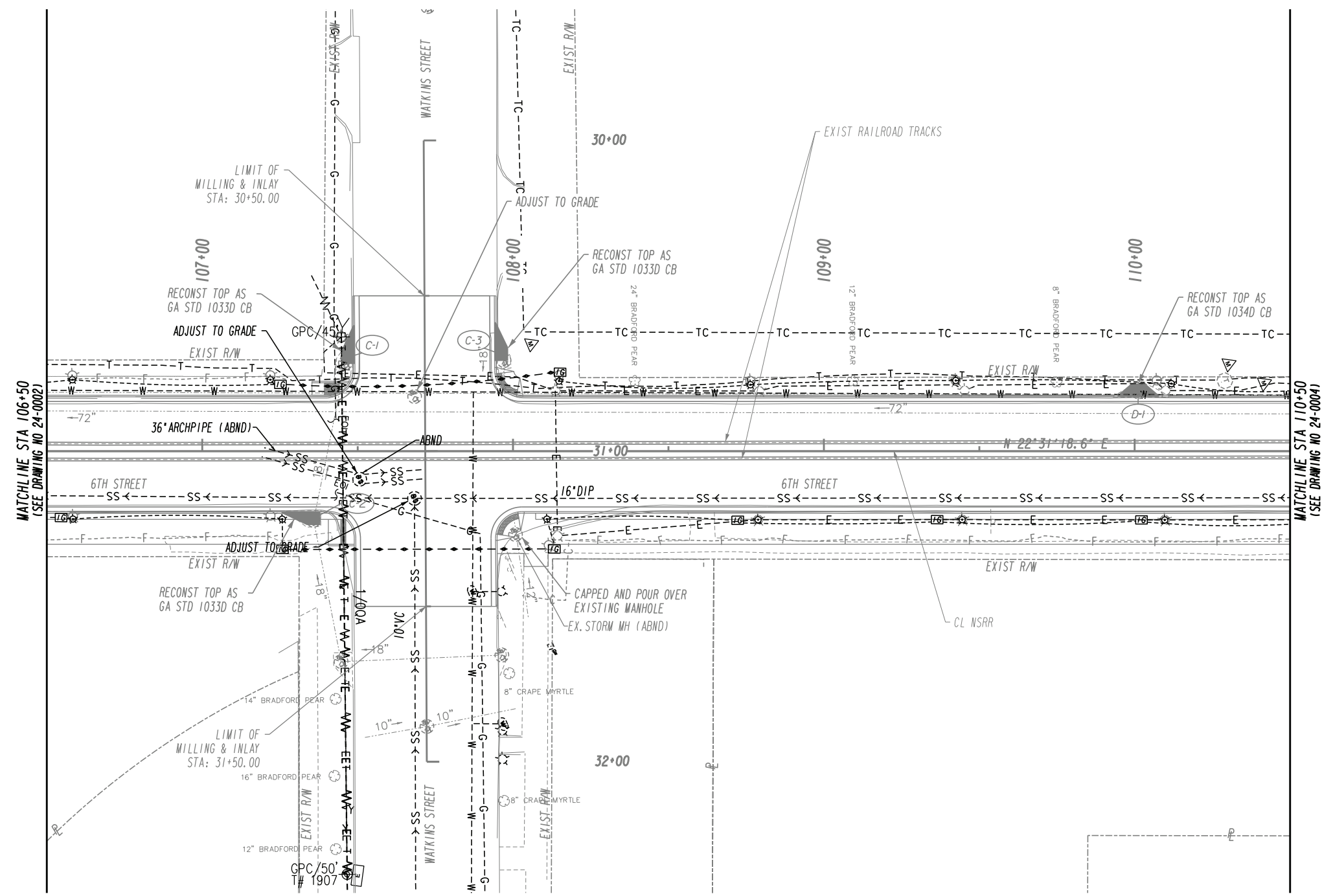


REVISION DATES	

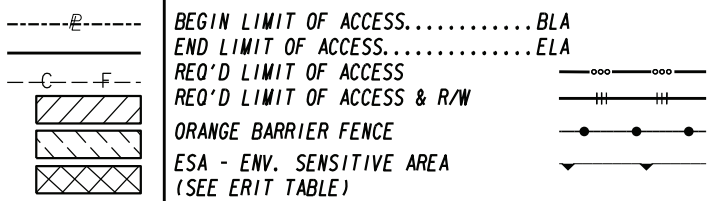
**UTILITY PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0002
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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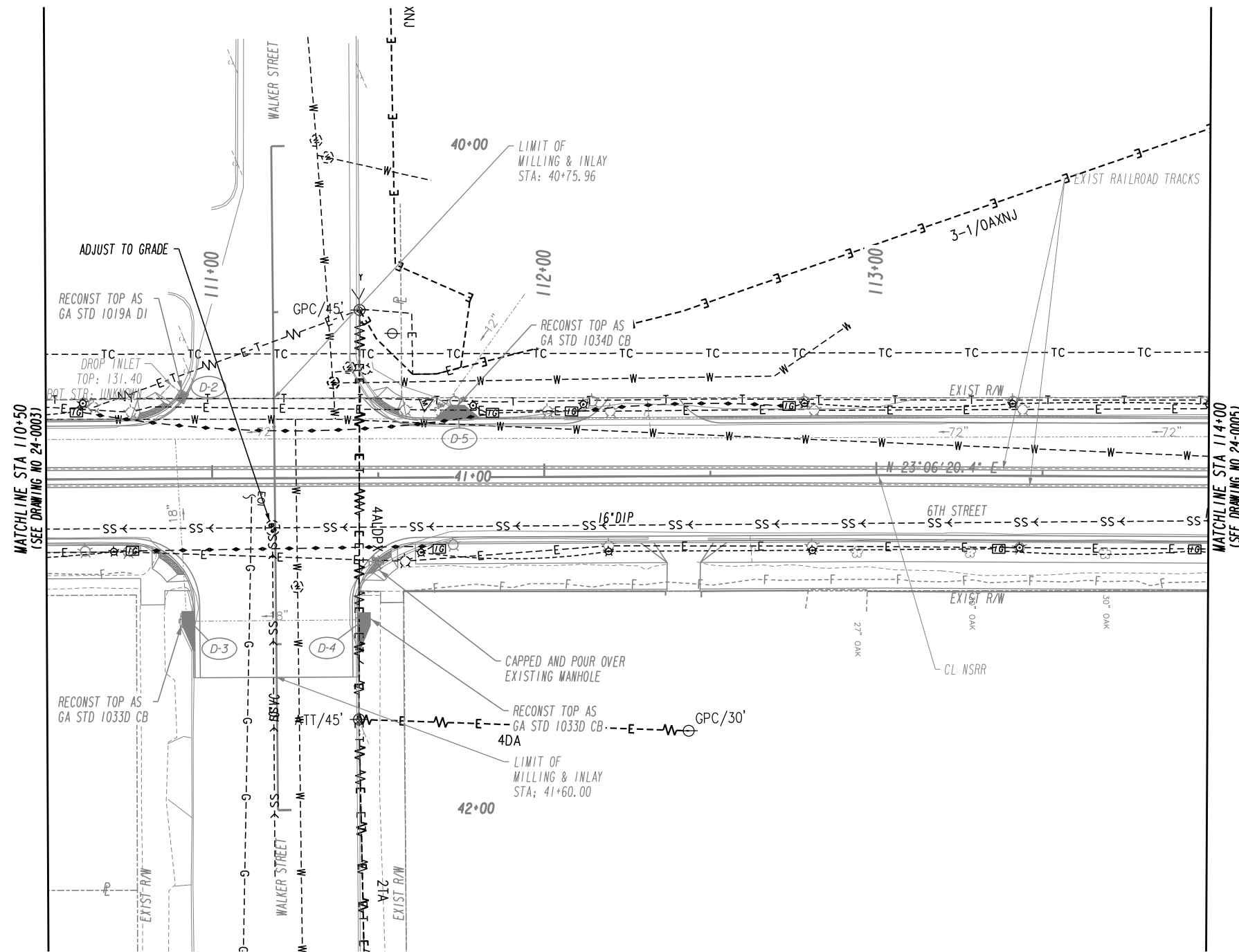
3011 SUITON GATE DRIVE, SUITE 130  
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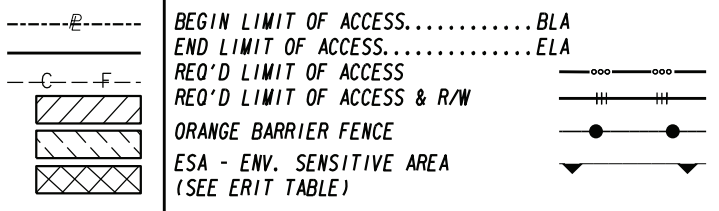
REVISION DATES	

**UTILITY PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

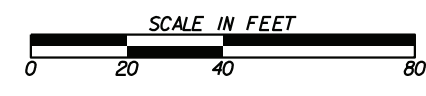
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BACKCHECKED:	DATE:	24-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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



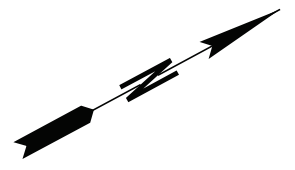
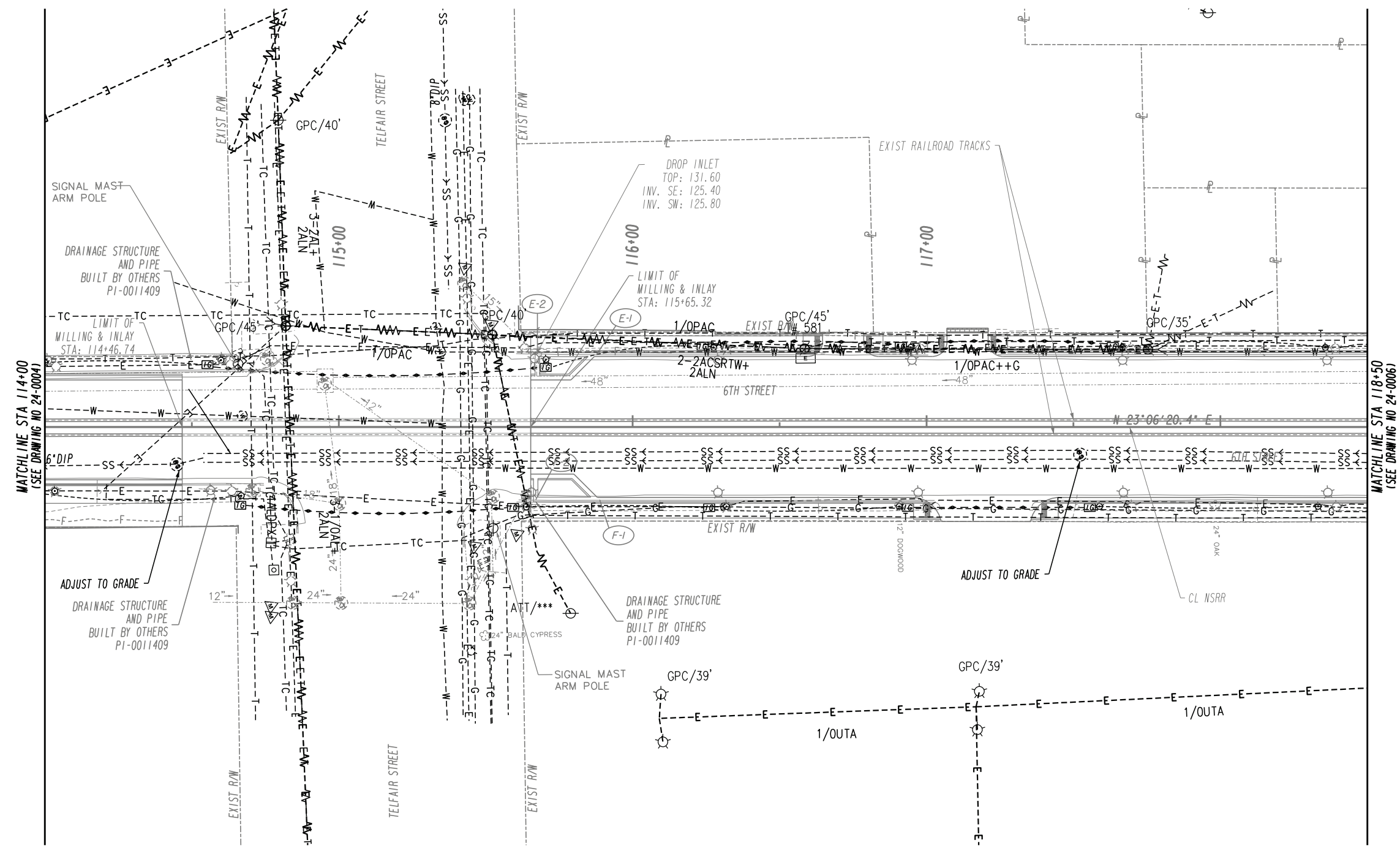
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REVISION DATES	

**UTILITY PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 114+00  
(SEE DRAWING NO 24-0004)

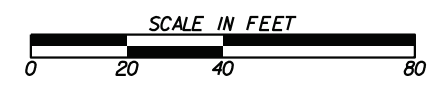
MATCHLINE STA 118+50  
(SEE DRAWING NO 24-0006)

PROPERTY AND EXISTING R/W LINE	-----E-----
REQUIRED R/W LINE	-----F-----
CONSTRUCTION LIMITS	-----C-----
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-----
END LIMIT OF ACCESS.....ELA	-----o-----
REQ'D LIMIT OF ACCESS	-----#-----
REQ'D LIMIT OF ACCESS & R/W	-----#-----
ORANGE BARRIER FENCE	-----●-----
ESA - ENV. SENSITIVE AREA (SEE ERIT TABLE)	-----▲-----

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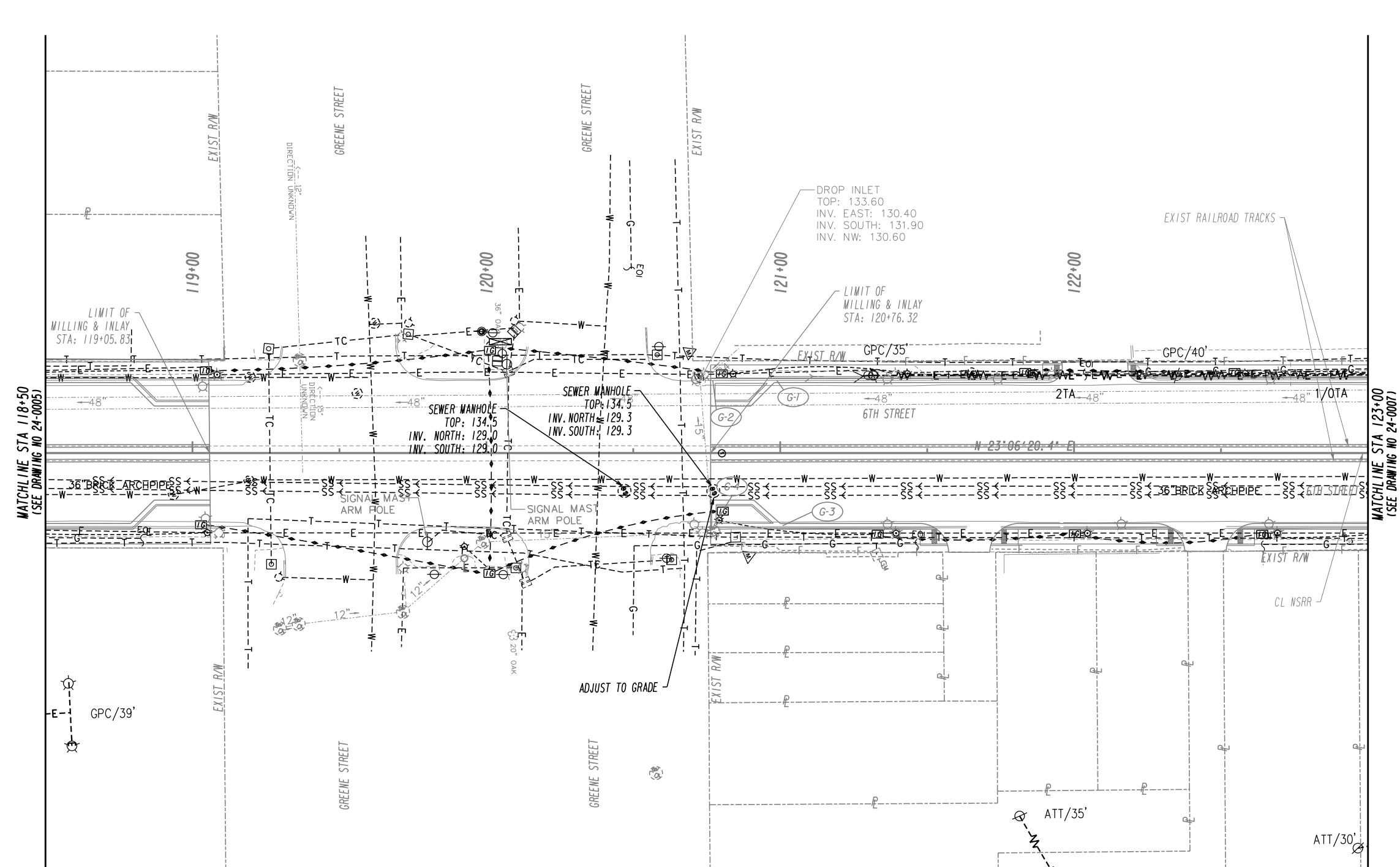
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REVISION DATES	

**UTILITY PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

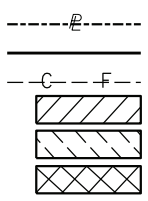
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0005
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 118+50  
(SEE DRAWING NO 24-0005)

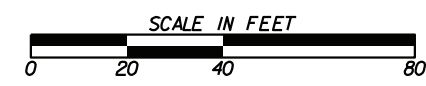
MATCHLINE STA 123+00  
(SEE DRAWING NO 24-0007)

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



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

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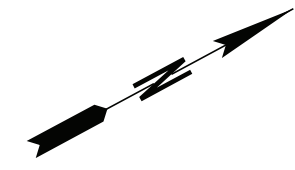
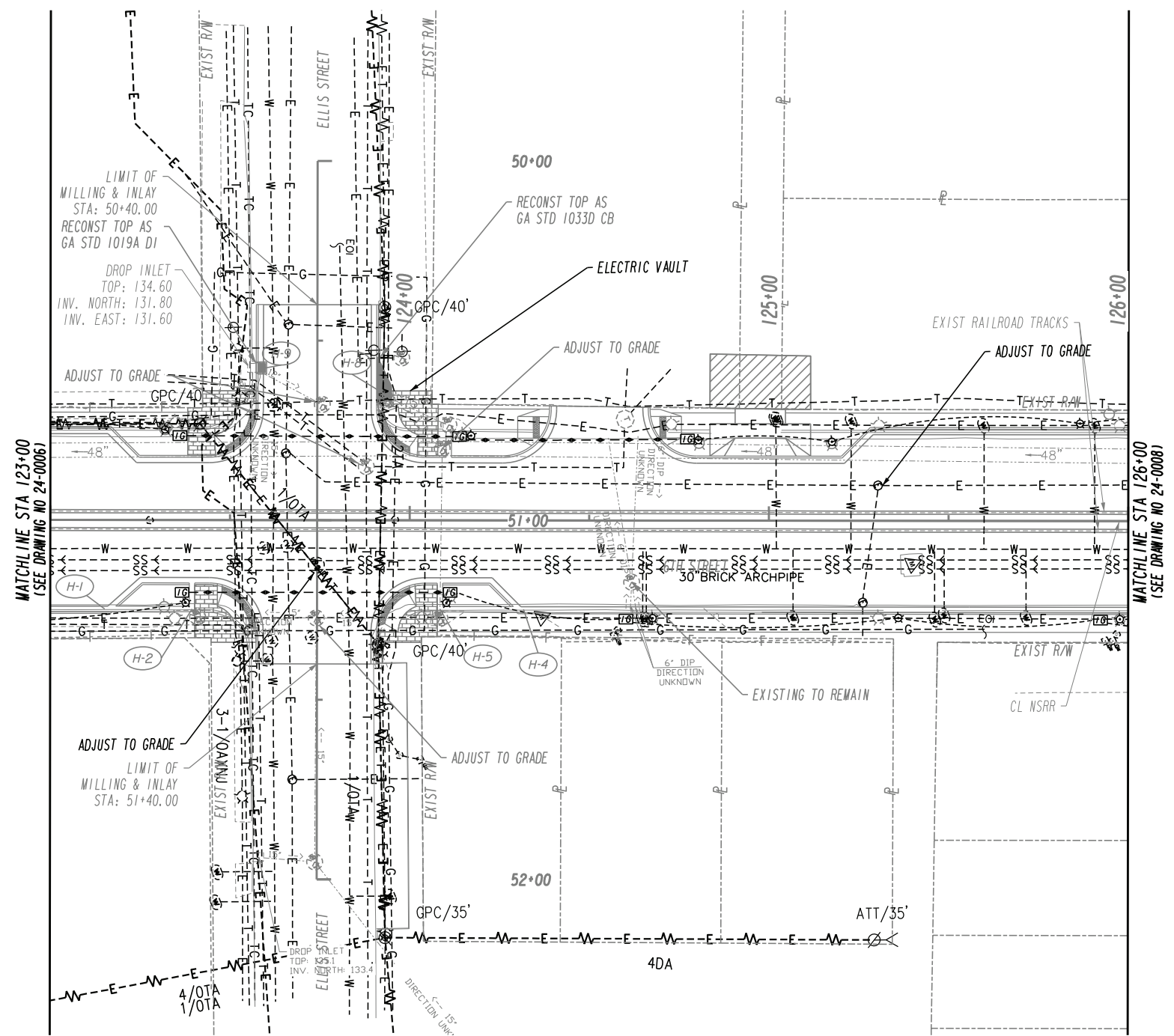


REVISION DATES	

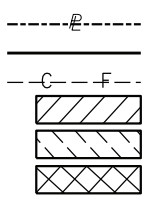
**UTILITY PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-0006
CORRECTED:	DATE:	
VERIFIED:	DATE:	



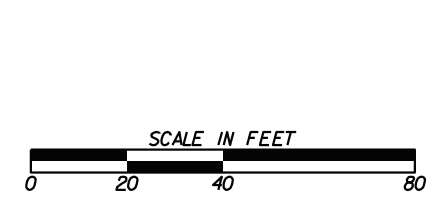


PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES



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

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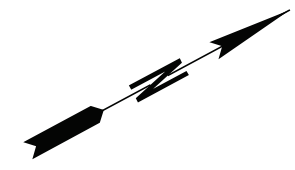
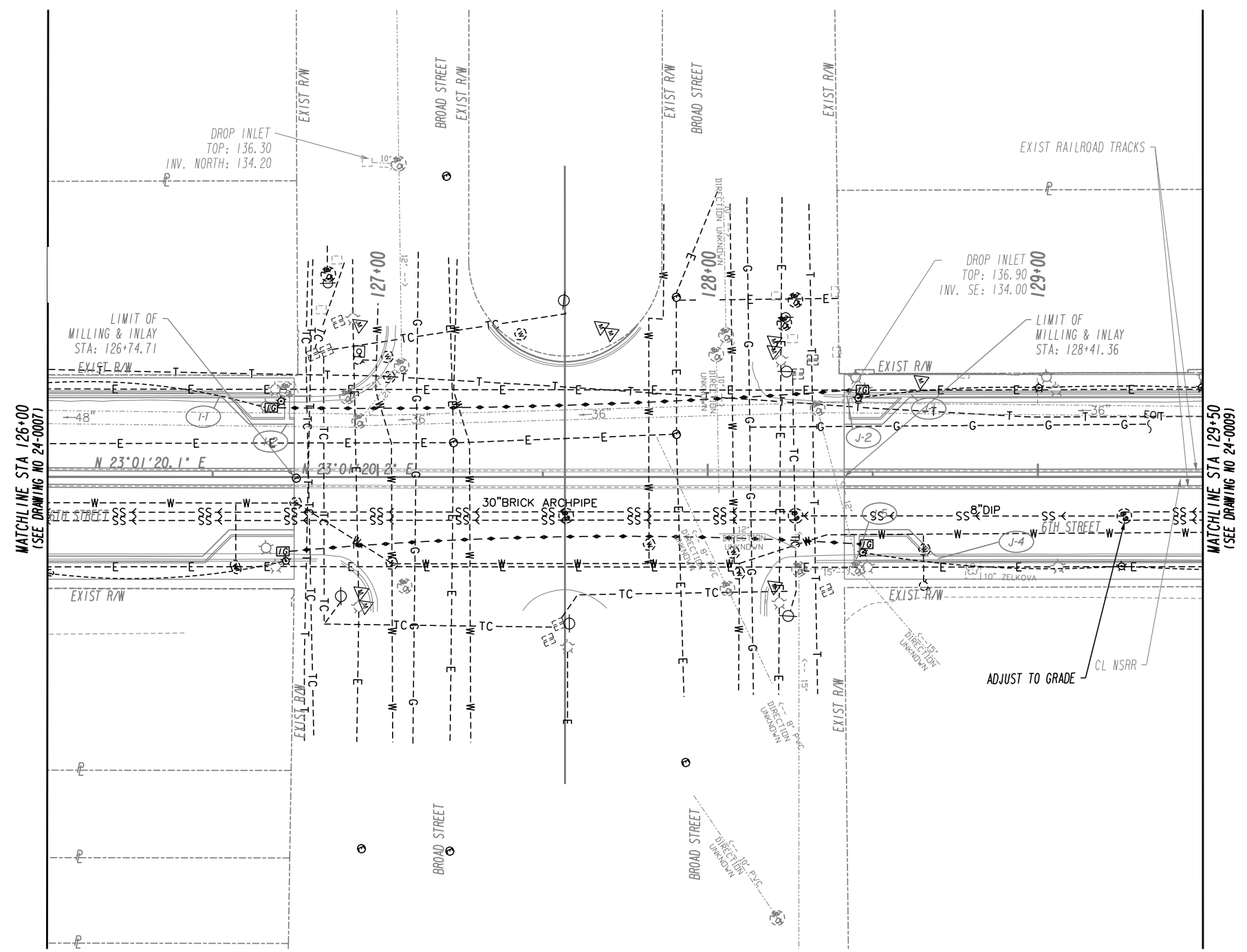


REVISION DATES	

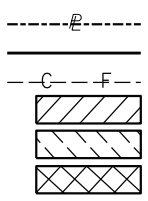
**UTILITY PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

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



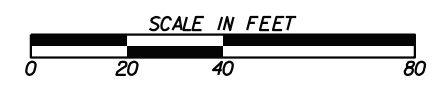


PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES



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

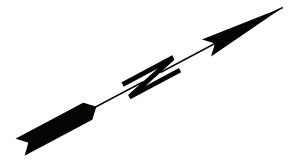
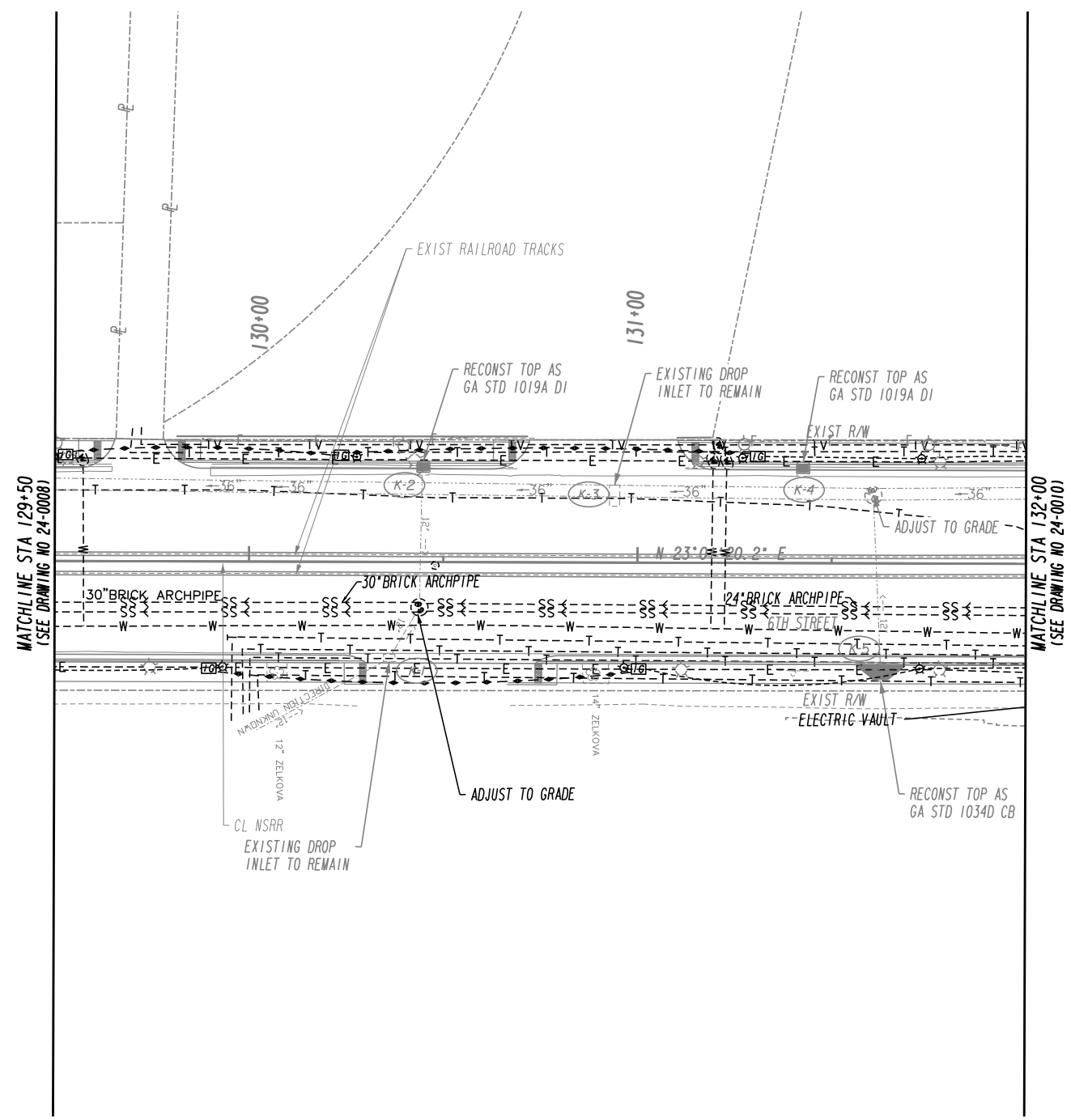
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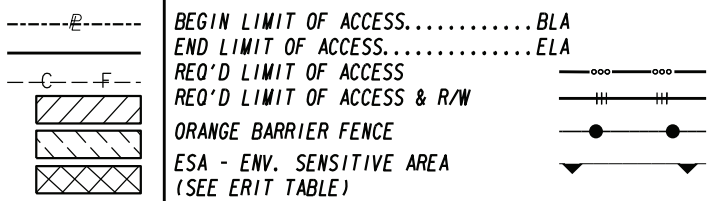
REVISION DATES	

**UTILITY PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

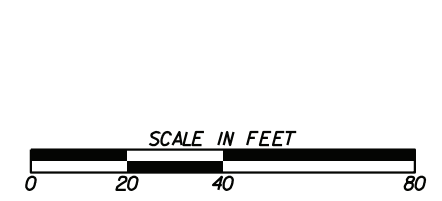
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BACKCHECKED:	DATE:	24-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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



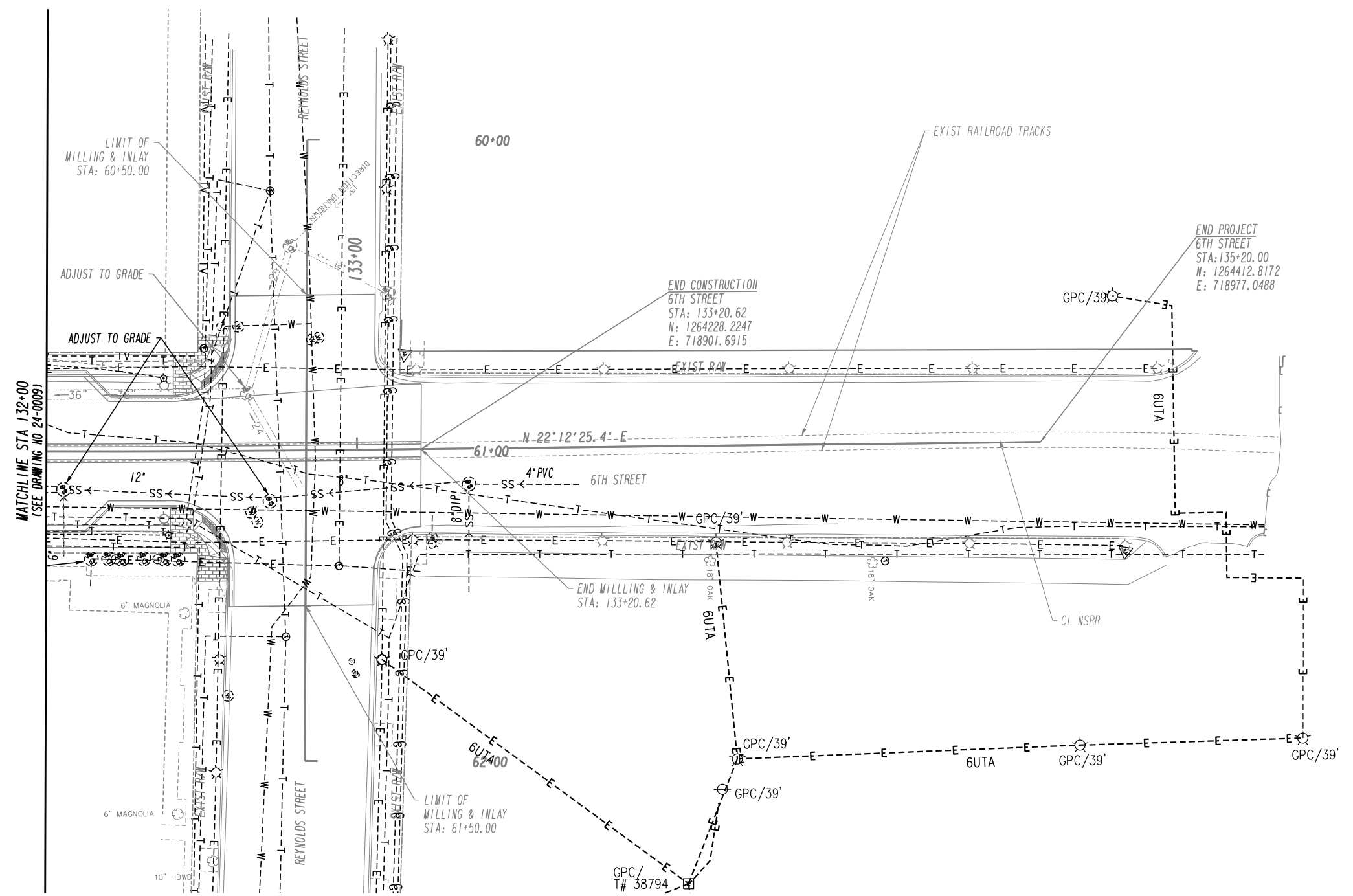
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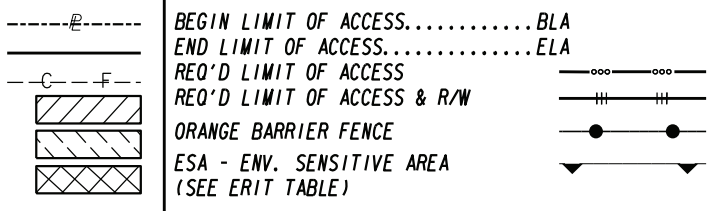
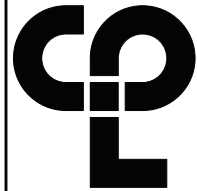
REVISION DATES	

**UTILITY PLANS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

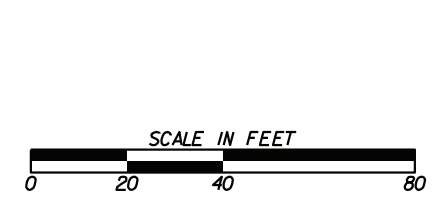
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BACKCHECKED:	DATE:	24-0009
CORRECTED:	DATE:	
VERIFIED:	DATE:	



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

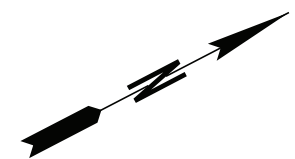
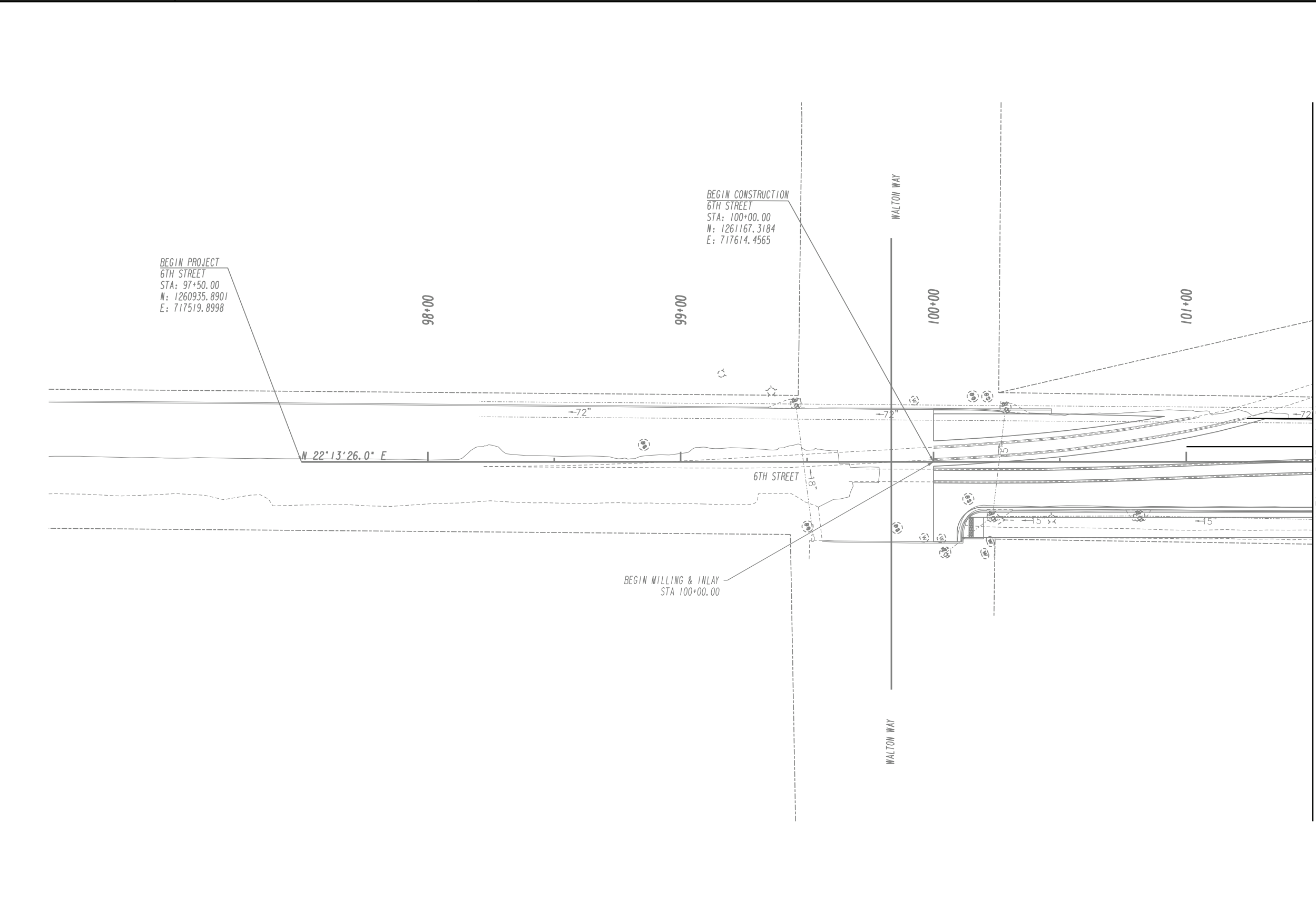
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REVISION DATES	

**UTILITY PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

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

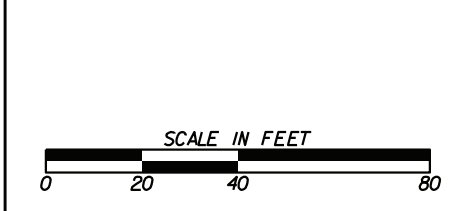


PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----
CONSTRUCTION LIMITS	---C---F---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Diagonal Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Cross-hatched Box]

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

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**ENGINEERING**  
**PLANNING**

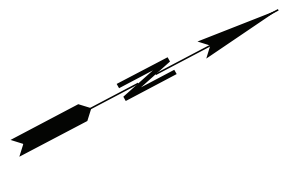
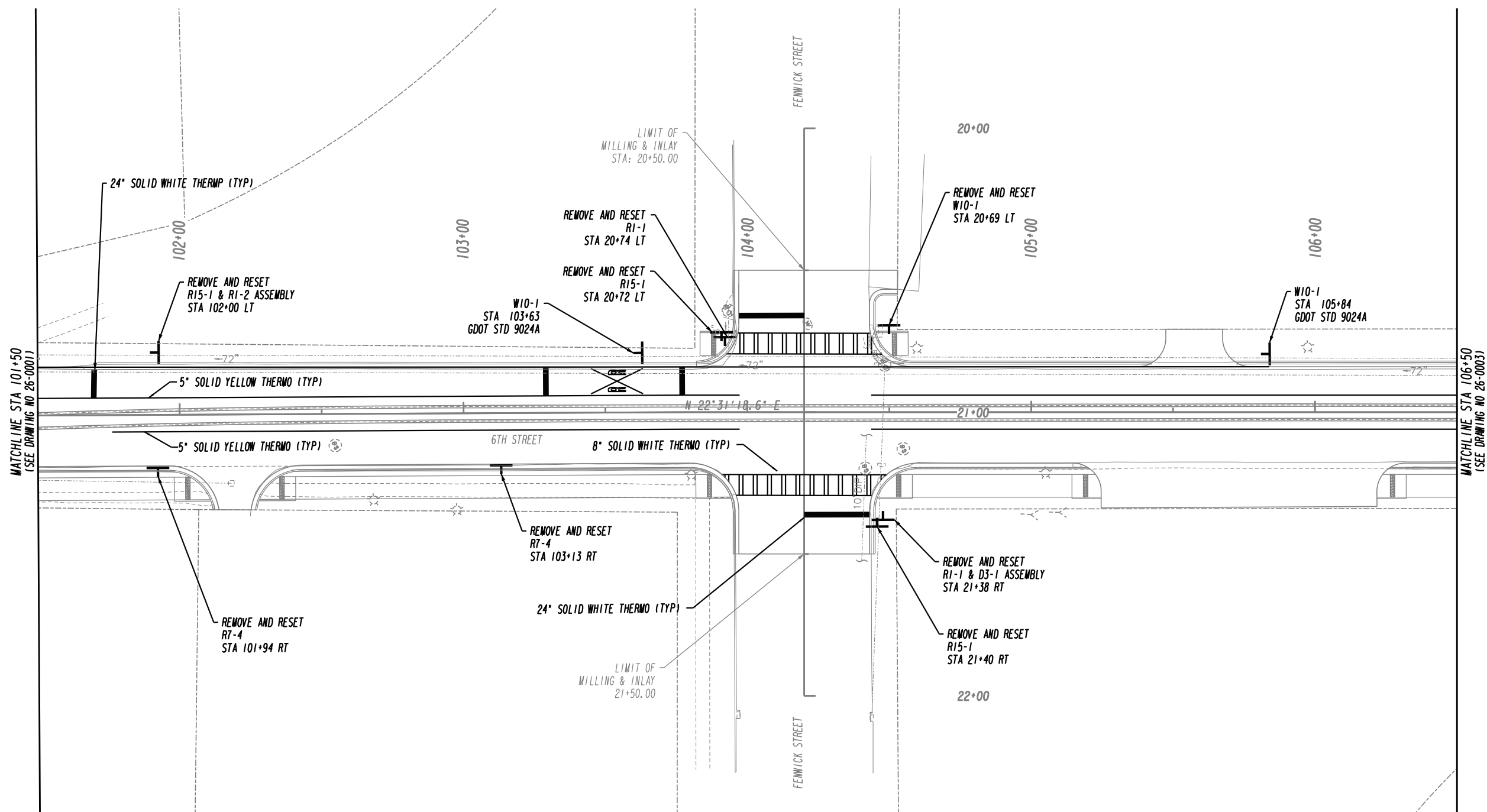
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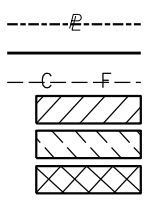
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

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BACKCHECKED:	DATE:	26-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

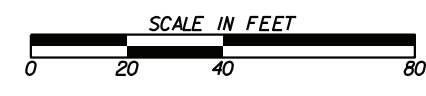


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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

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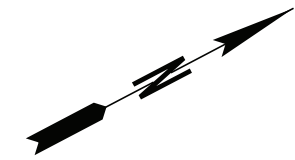
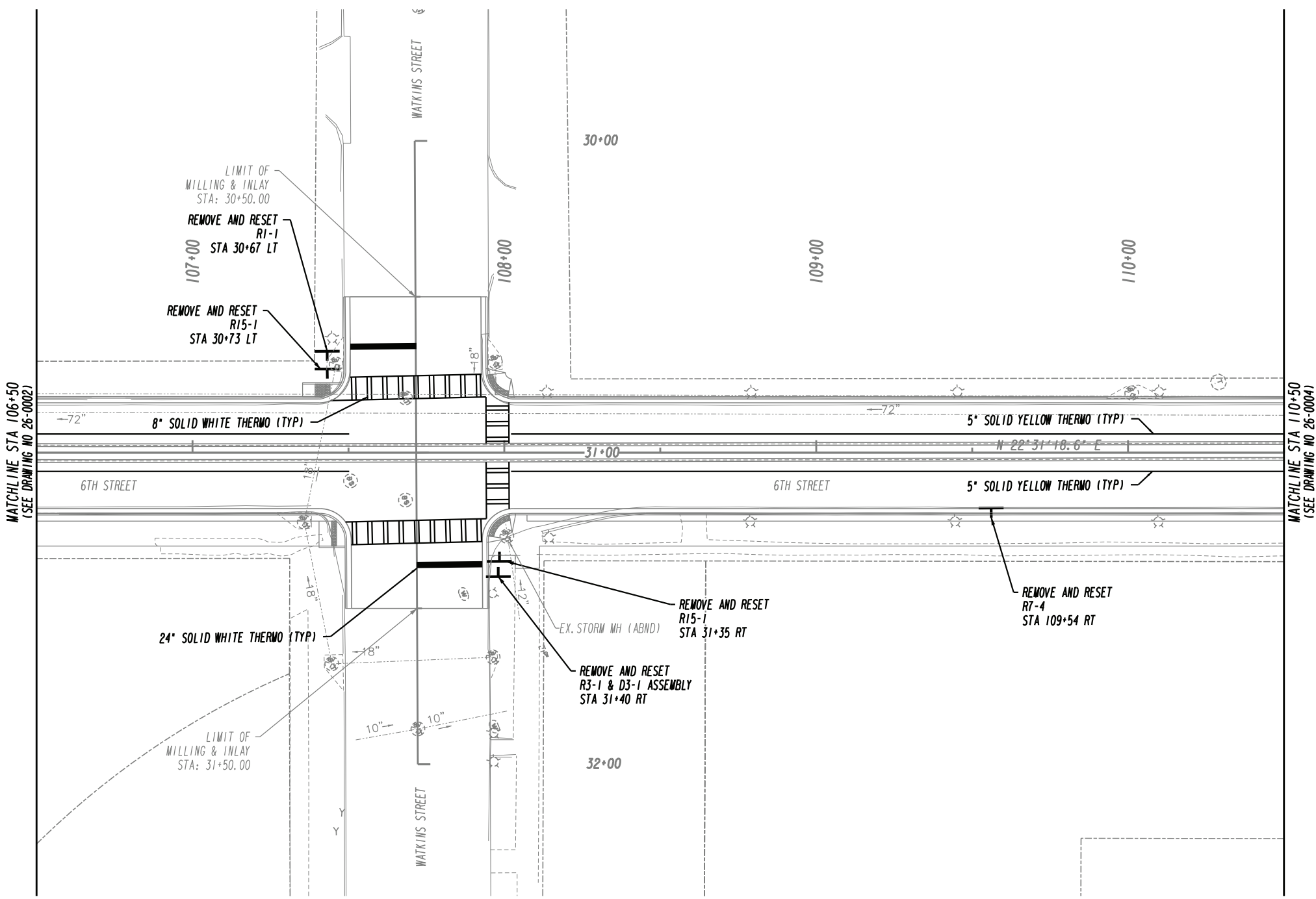


REVISION DATES	

**SIGNING AND MARKING PLANS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

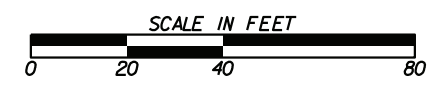




PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----f-----
CONSTRUCTION LIMITS	---C---F---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Diagonal Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Cross-hatched Box]

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

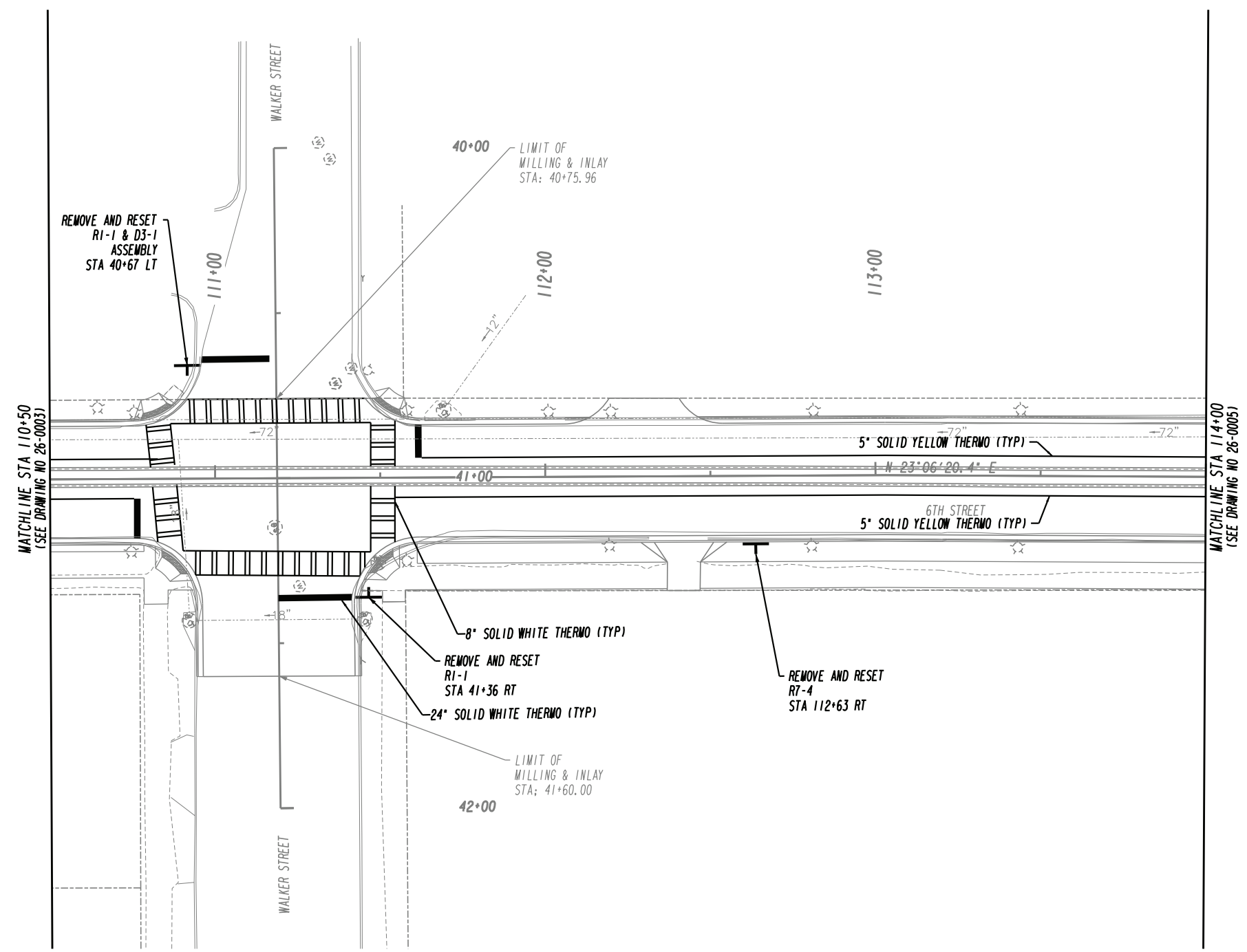
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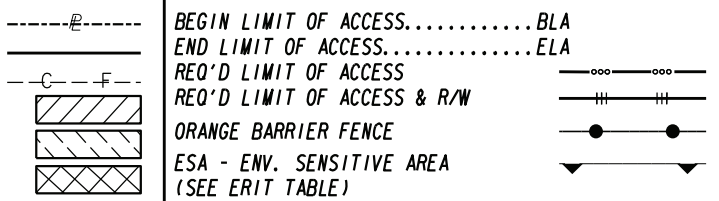
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

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VERIFIED:	DATE:	

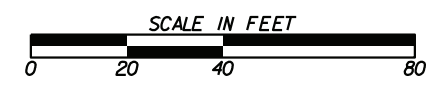


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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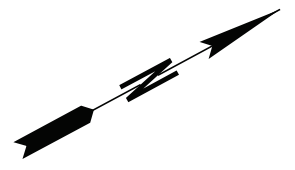
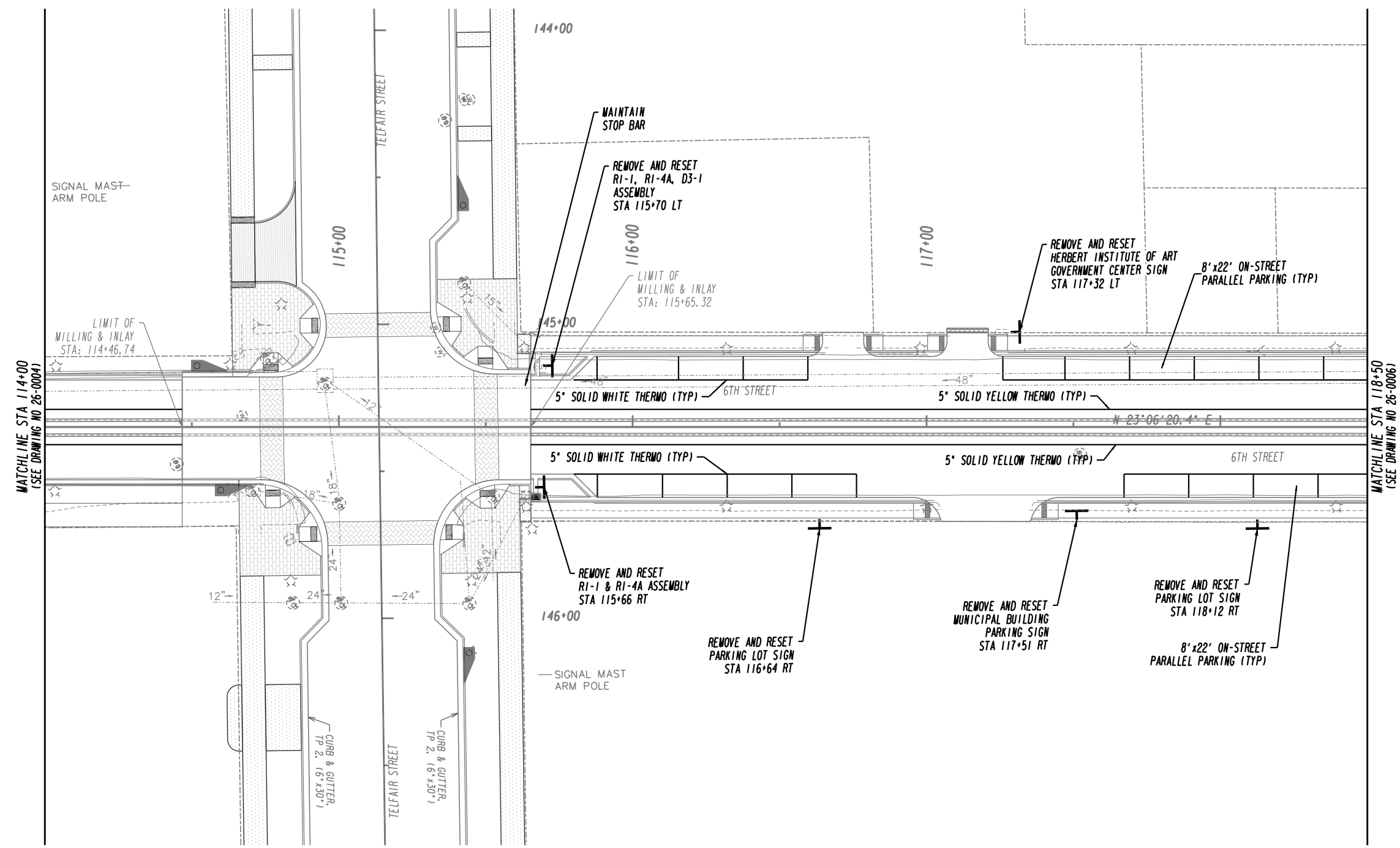
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**SIGNING AND MARKING PLANS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

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

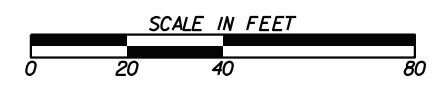


PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----f-----
CONSTRUCTION LIMITS	---C---F---
EASEMENT FOR CONSTR	[Hatched Box]
& MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Hatched Box]

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

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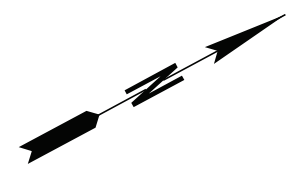
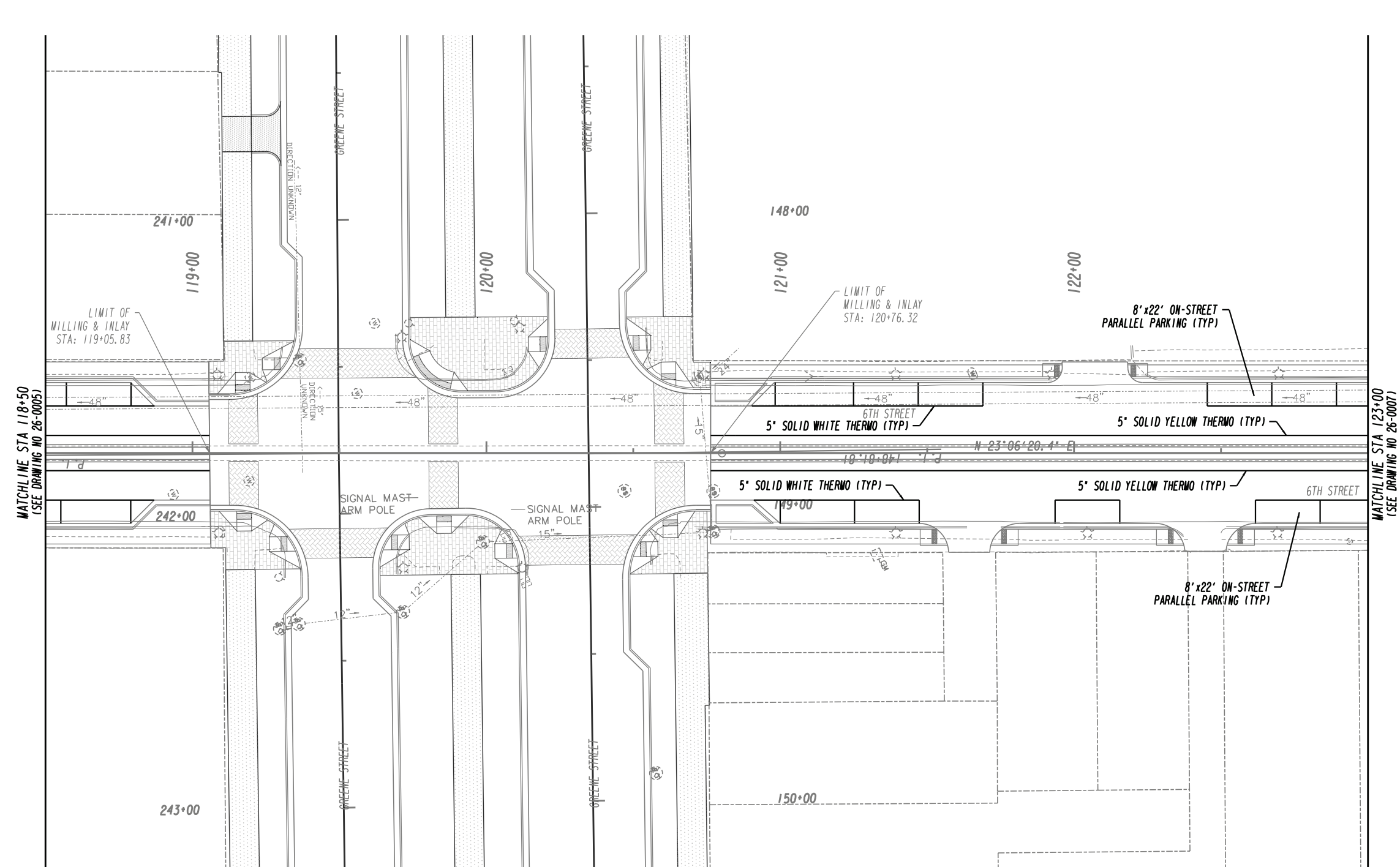
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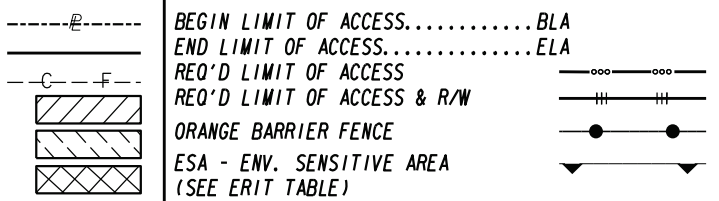
REVISION DATES	

**SIGNING AND MARKING PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

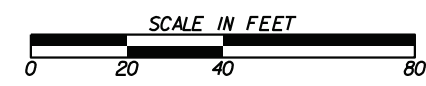
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CORRECTED:	DATE:	
VERIFIED:	DATE:	



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



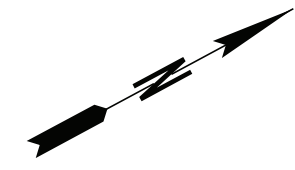
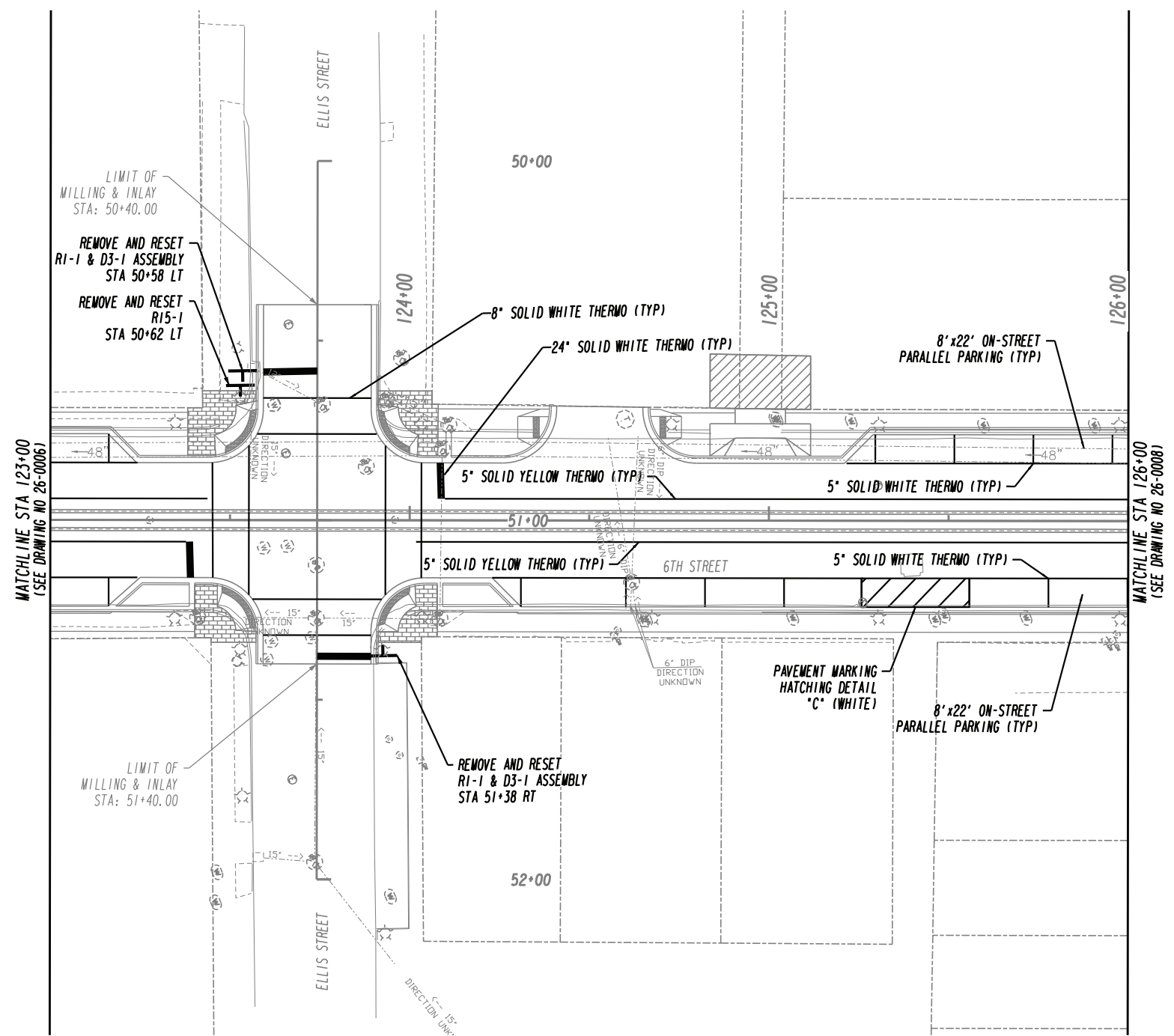
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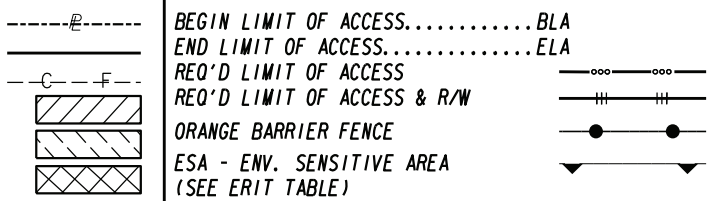
REVISION DATES	

**SIGNING AND MARKING PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0006
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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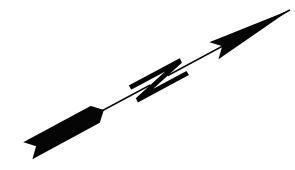
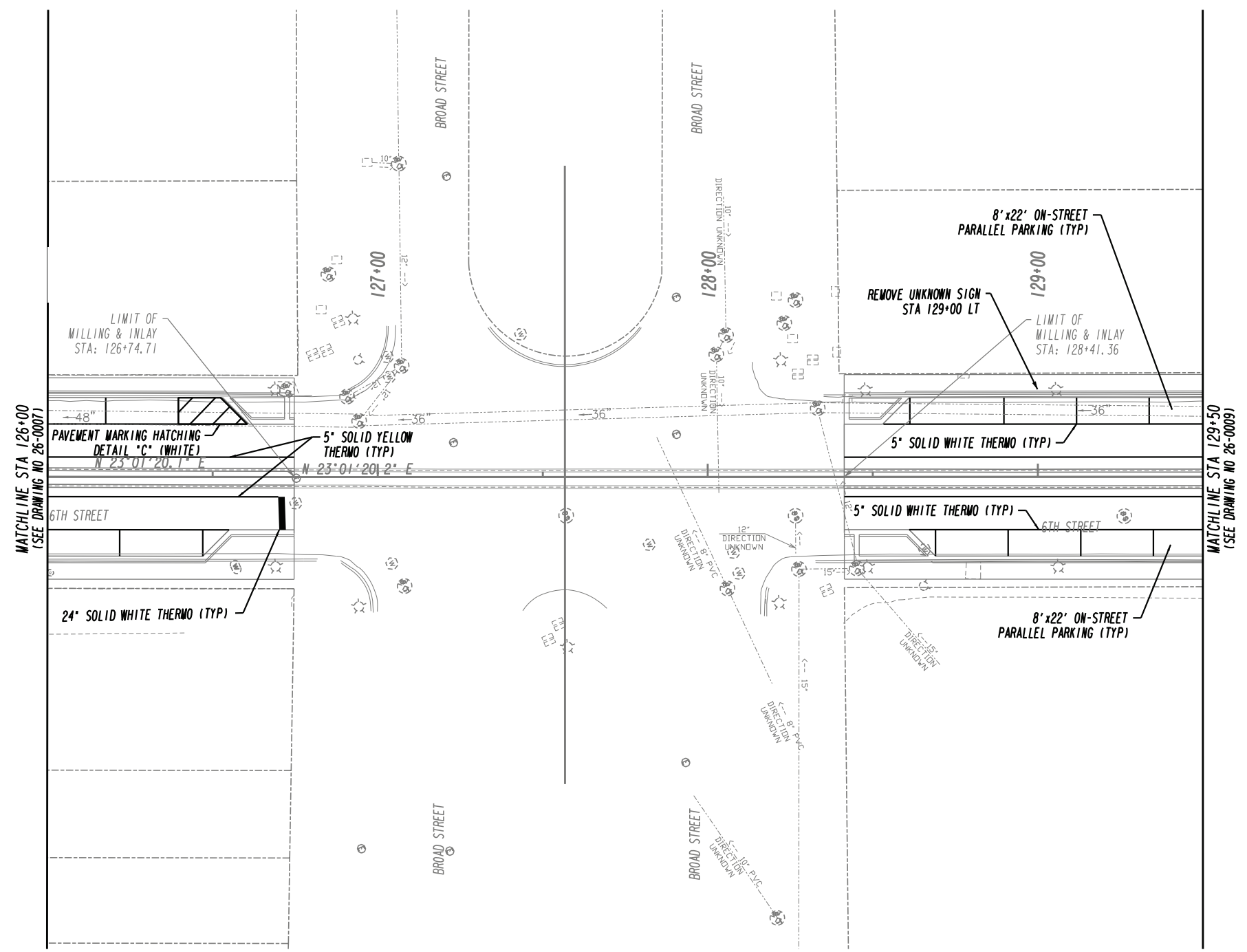


REVISION DATES	

**SIGNING AND MARKING PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

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



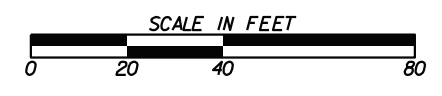


PROPERTY AND EXISTING R/W LINE	-----e-----
REQUIRED R/W LINE	-----f-----
CONSTRUCTION LIMITS	---C---F---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Diagonal Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Cross-hatched Box]

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

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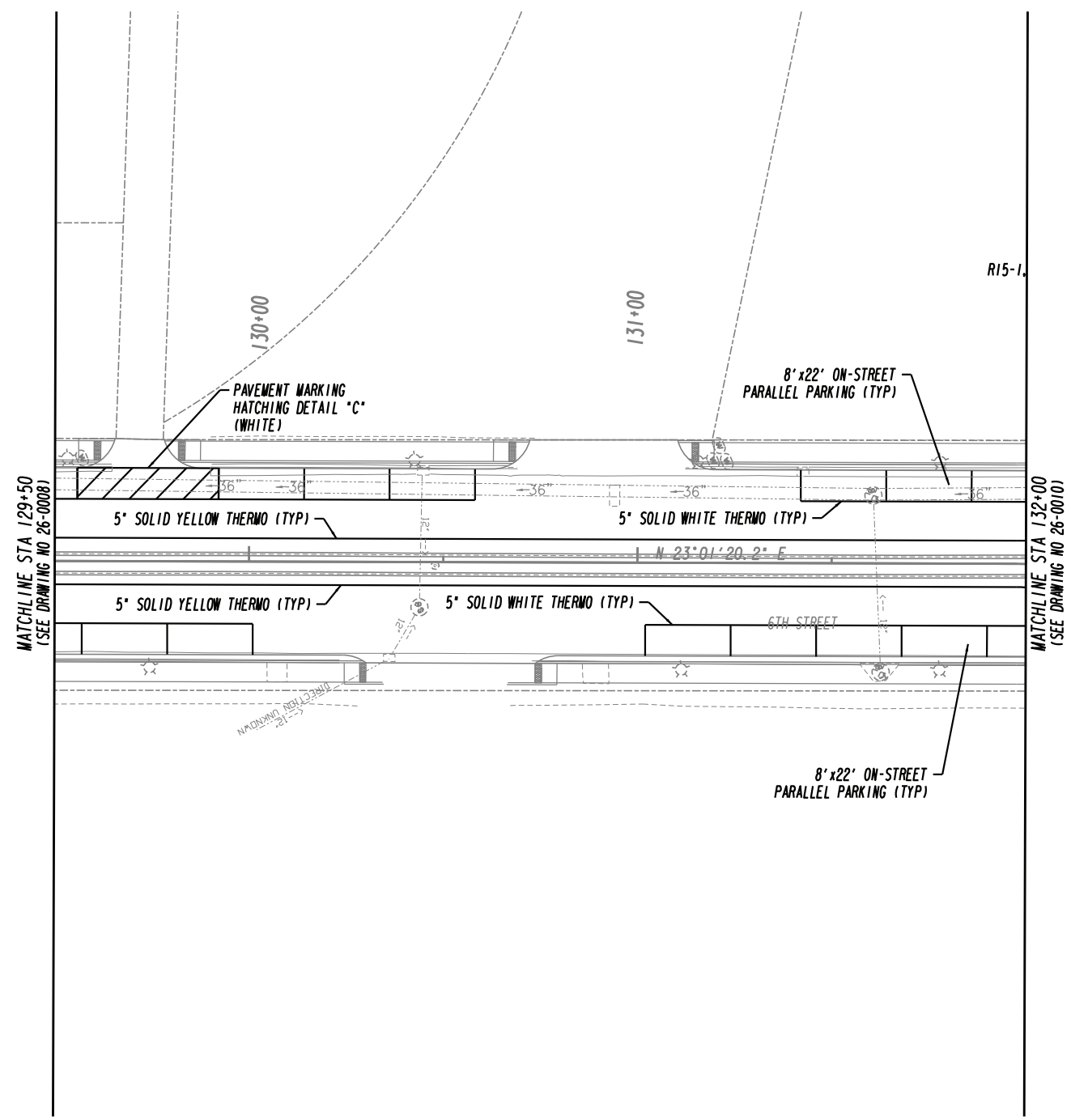
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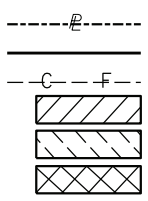
REVISION DATES	

**SIGNING AND MARKING PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	

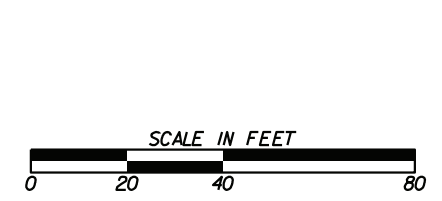


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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

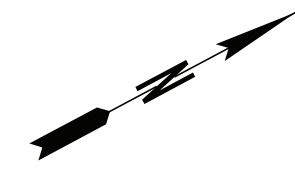
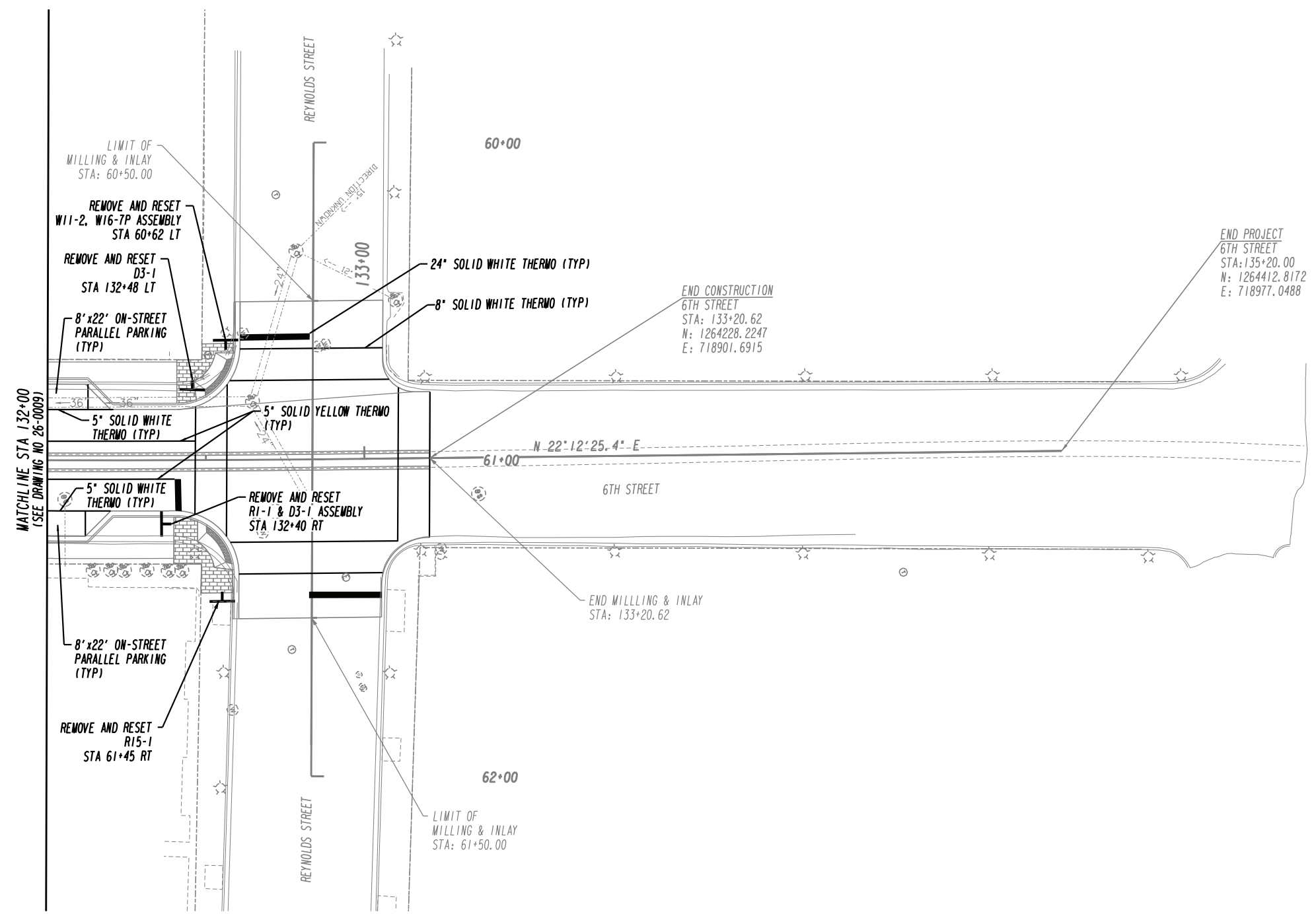
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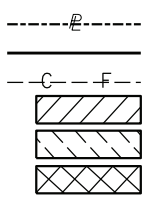
REVISION DATES	

**SIGNING AND MARKING PLANS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
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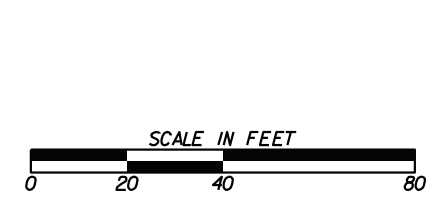


PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES



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

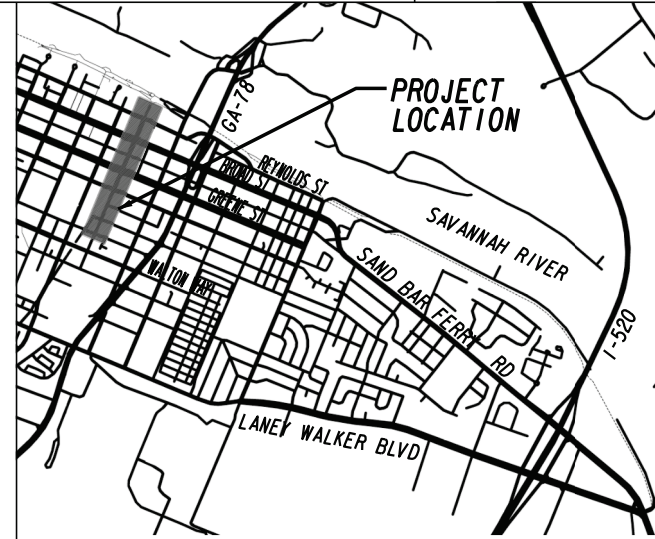
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**SIGNING AND MARKING PLANS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0010
CORRECTED:	DATE:	
VERIFIED:	DATE:	

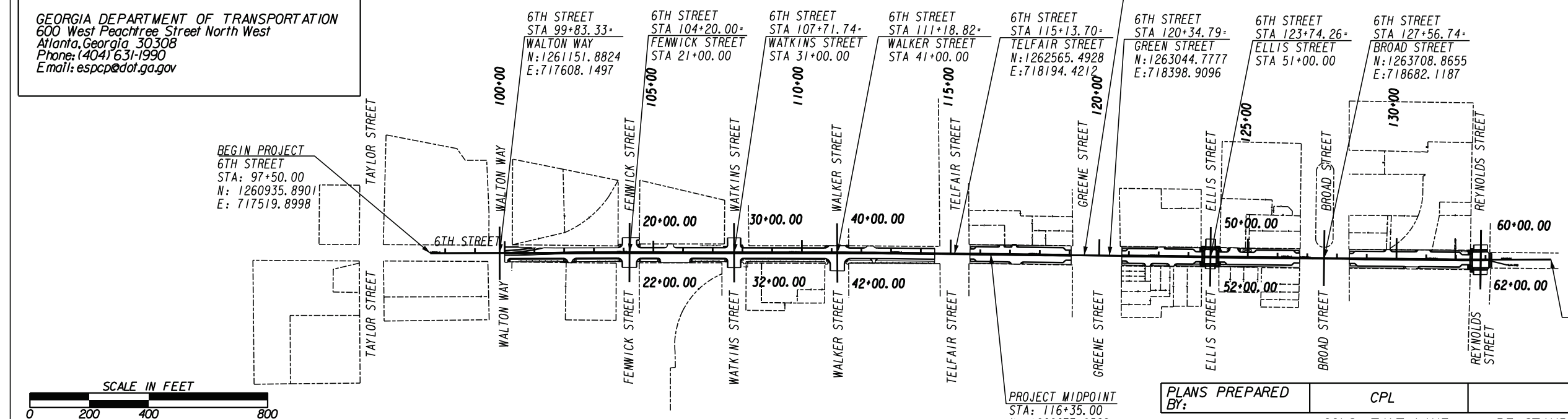


LOCATION SKETCH

This project has been prepared using the Horizontal Georgia Coordinate System of 1984 (NAD 1983/94 East Zone, and the North American Vertical Datum (NAVD) of 1988.

**PRIMARY PERMITTEE**

GEORGIA DEPARTMENT OF TRANSPORTATION  
600 West Peachtree Street North West  
Atlanta, Georgia 30308  
Phone: (404) 631-1990  
Email: [espcp@dot.ga.gov](mailto:espcp@dot.ga.gov)



**24 HOUR CONTACT:**

Name \_\_\_\_\_

Street Address \_\_\_\_\_

City, State Zip \_\_\_\_\_

Phone Number \_\_\_\_\_

Email Address \_\_\_\_\_

Contractor shall complete the information in this box.

LENGTH OF PROJECT		COUNTY No.245 RICHMOND COUNTY PI# 0011421
		MILES
NET LENGTH OF ROADWAY	0.714	
NET LENGTH OF BRIDGES	0.000	
NET LENGTH OF PROJECT	0.714	
NET LENGTH OF EXCEPTIONS	0.000	
GROSS LENGTH OF PROJECT	0.714	

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# AUGUSTA ENGINEERING DEPARTMENT CITY OF AUGUSTA

## EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN 6TH STREET IMPROVEMENT TAYLOR STREET TO REYNOLDS STREET

TIA PROJECT NUMBER:  
RC07-001220  
(PI#0011421)

"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."

<b>BEGIN-POINT COORDINATES</b>
Longitude: -81.96548°
Latitude: 33.46633°
<b>MID-POINT COORDINATES</b>
Longitude: -81.96310°
Latitude: 33.47111°
<b>END-POINT COORDINATES</b>
Longitude: -81.96068°
Latitude: 33.47588°

PLANS PREPARED BY:	CPL	CONSULTANT NAME	PE STAMPS/SIGNATURES	GSWCC LEVEL II Certification Number
RECOMMENDED FOR APPROVAL BY:		STATE ROADWAY DESIGN ENGINEER		
Date:	- 201	MARGARET B. PIRKLE, P.E. - CHIEF ENGINEER		0000072890 GSWCC LEVEL II Certification Number

PLANS COMPLETED				
REVISIONS				
DATE	ENTITY REQUESTING REVISION(S)	DRAWING NUMBER(S)	SIGNATURE	GSWCC LEVEL II CERT.*
- -				
- -				
- -				
- -				
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**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.

**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.

**STATE-WATER BUFFER IMPACTS**

State-water buffers, as defined by O.C.G.A. 12-7-1, are not impacted by this project.

Non-exempt activities shall not be conducted within the 25- or 50-foot undisturbed stream buffers as measured from the point wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits.

**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/revisions to the ESPCP which have a significant effect on BMPs with a hydraulic component requires a formal revision of the ESPCP and the signature of a GSWCC Level-II Certified Design Professional. Additional BMPs may be added per Special Provision 161-Control of Soil Erosion and Sedimentation.

**WASTE DISPOSAL**

Where attainable, locate waste collection areas, dumpsters, trash cans and portable toilets at least 50 feet away from streets, gutters, watercourses and storm drains. Secondary containment shall be provided around liquid waste collection areas to minimize the likelihood of contaminated discharges. The Contractor shall comply with applicable state and local waste storage and disposal regulations and obtain all necessary permits. Waste materials shall not be discharged to Waters of the State, unless authorized by a Section 404 Permit.

**DISCHARGES INTO OR WITHIN ONE LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS ANY PORTION OF A BIOTA IMPAIRED STREAM SEGMENT**

All outfalls are either located further than 1 linear mile upstream or outside of the watershed of an impaired stream segment that has been listed for criteria violated, "Bio F" (impaired fish community) and/or "Bio M" (impaired macro invertebrate community), within Category 4a, 4b or 5, and the potential cause is either "NP" (nonpoint source) or "UR" (urban runoff).

**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.

Any disturbed area left exposed for a period greater than 14 days shall be stabilized with mulch or temporary seeding.

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.

**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".

**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.

**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.

**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).

**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.

**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.

**CHANNEL PROTECTION**

All channels shall be stabilized with permanent grassing and Turf Reinforcing Mat Type 2.

**NONSTORMWATER DISCHARGES**

Nonstormwater discharges defined in Part III.A.2 of the NPDES Permit will be identified after construction has commenced. These discharges shall be subject to the same requirements as storm water discharges required by the Georgia Erosion and Sedimentation Control Act, the NPDES Permit, the Clean Water Act, the Manual for Erosion and Sediment Control in Georgia, Department Standards, and other contract documents. The NPDES does not authorize the discharge of soaps or solvents used in vehicle and equipment washing or the discharge of wastewater containing stucco, paint, oils, curing compounds, and other construction materials.

**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.

**REVISION DATES**


**ESPCP GENERAL NOTES**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	51-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



**CPL**  
**ARCHITECTURE**  
**ENGINEERING**  
**PLANNING**  
3011 SUITON GATE DRIVE, SUITE 130  
SUWANEE, GEORGIA 30024  
TEL (800) 274-9000  
FAX (770) 831-9243  
www.cplteam.com



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.  THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
		SYMBOL 	

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.  THE BMP PATTERN FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
		PATTERN 	
F1-Co	FLOCCULANTS COAGULANTS SECTION 163,700, 895		FLOCCULANTS AND COAGULANTS ARE USED TO SETTLE SUSPENDED SEDIMENT, HEAVY METALS, AND HYDROCARBONS (TSS) IN SLOW MOVING RUNOFF FROM CONSTRUCTION SITES FOR WATER CLARIFICATION.  ANIONIC POLYACRYLAMIDES (PAM) MAY BE USED IN CONJUNCTION WITH BMPs WITHIN CHANNELS UPSTREAM OF A POST-CONSTRUCTION POND, TEMPORARY SEDIMENT BASIN, OR TEMPORARY SEDIMENT TRAP. FLOCCULANTS SHALL NOT BE USED DOWNSTREAM OF AFOREMENTIONED BMPs!  FLOCCULANTS/COAGULANTS ARE TO BE SHOWN ON PLANS WITH APPLICABLE BMP IF NEEDED. PAYMENT FOR PAM AS A FLOCCULANT WILL BE INCLUDED IN THE PRICE FOR THE INSTALLATION AND/OR MAINTENANCE OF THE BMP IT IS USED IN CONJUNCTION WITH. NO SEPARATE PAYMENT WILL BE MADE.
		SYMBOL 	
		POLYACRYLAMIDE	
Sb	STREAMBANK STABILIZATION SECTION 702		STREAMBANK STABILIZATION IS THE USE OF READILY AVAILABLE NATIVE PLANT MATERIALS TO MAINTAIN AND ENHANCE STREAMBANKS, OR TO PREVENT, OR RESTORE AND REPAIR SMALL STREAMBANK EROSION PROBLEMS.  STREAMBANK STABILIZATION AREAS SHOULD BE SHOWN ON THE PLANS WHEN APPLICABLE TO THE PROJECT. REFER TO THE PROJECT'S STREAM AND STREAM BUFFER MITIGATION PLANS FOR PLANT SPECIES, LOCATIONS, AND OTHER PLANTING DETAILS.
		PATTERN 	

**NOTE:**

- 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:	01/01/16
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 SPLASHPAD. 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		UNIFORM CODE SHEET SHEET 2 OF 7	
11/28/2018			
CHECKED:	D. EAGLETON	DATE:	01/01/16
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.  *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-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.  *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-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.  *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-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.  *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-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.  *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		

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.  *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-3	CONCRETE CHANNEL STABILIZATION CONSTRUCTION DETAIL D-10, D-49 SECTION 441		CHANNELS ARE LINED WITH CONCRETE FOR VELOCITIES >= 10 fps. THIS ITEM CONSISTS OF CONSTRUCTING A 4" THICK CONCRETE CHANNEL. THE CONCRETE SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.  *Dp* SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.  RIP-RAP SHOULD BE USED TO DISSIPATE ENERGY DOWNSTREAM OF CONCRETE LINED CHANNELS.
	LINE CODE		
Co	CONSTRUCTION EXIT CONSTRUCTION DETAIL D-41 SECTION 163, 800		A CONSTRUCTION EXIT IS A STONE STABILIZED PAD THAT REDUCES OR ELIMINATES THE TRANSPORT OF MUD FROM CONSTRUCTION AREAS ONTO PUBLIC ROADS BY EQUIPMENT OR RUNOFF. BEST USED AT ACCESS POINTS, I. e. NEW LOCATION PROJECTS, BORROW PITS, WASTE PITS, ACCESS ROADS, ETC. SHOULD BE MINIMUM 20' WIDE, 50' LONG, 6" THICK, AND REQUIRES A GEOTEXTILE UNDERLINER. ON SITES WHERE THE GRADE TOWARD A PAVED AREA IS GREATER THAN 2%, A FULL WIDTH DIVERSION RIDGE 6" TO 8" HIGH WITH 3:1 SLOPES SHALL BE CONSTRUCTED APPROXIMATELY 15' UPSTREAM OF PAVED AREA. A TIRE WASHING AREA TO REMOVE MUD MAY ALSO BE REQUIRED PRIOR TO ENTRANCE ONTO PUBLIC ROADWAYS.  ALL CONSTRUCTION EXIT REQUIREMENTS ARE INCLUDED IN THE PRICE OF THE CONSTRUCTION EXIT.
	SYMBOL		
Dc-A	STREAM DIVERSION CHANNEL GEOTEXTILE, POLYETHYLENE FILM 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 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.  THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE.  CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
	LINE CODE		

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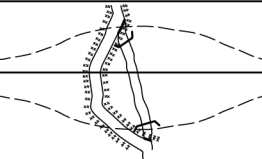

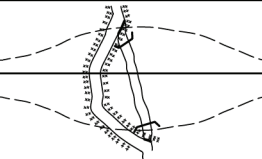

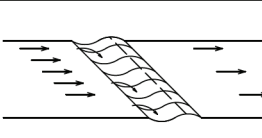
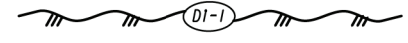
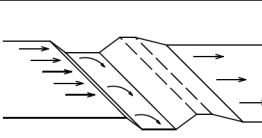
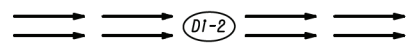
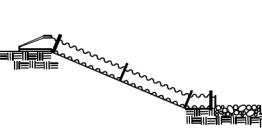
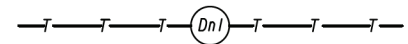
- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

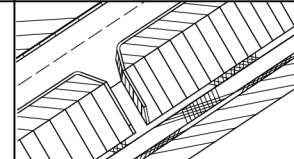

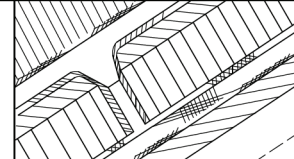

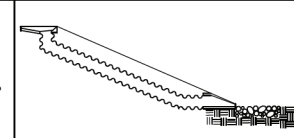

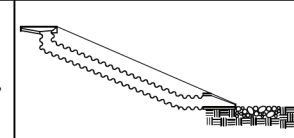



NO SCALE

REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET	
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CHECKED:	D. EAGLETON	DATE:	01/01/16
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
		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.  THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE.  CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
	LINE CODE 		
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.  THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE.  CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
	LINE CODE 		
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.  RUNOFF FROM DISTURBED AREAS WITHIN THE PROJECT AREA SHALL NOT BE ALLOWED TO CONVERGE WITH OFFSITE RUNOFF WITHIN THIS DIVERSION.
	LINE CODE 		
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".  THE OUTLET AREA SHALL BE STABILIZED FOR VELOCITY DISSIPATION AND EROSION CONTROL.
	LINE CODE 		

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 TP1, 9017J TP1, DETAIL D-26 TP1 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:**

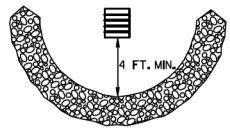

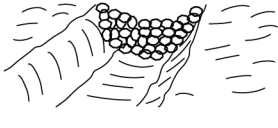




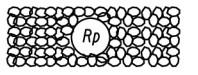
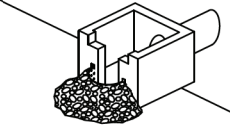

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'.

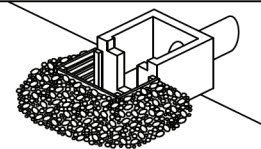









NO SCALE

REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET	
		SHEET 4 OF 7	
CHECKED:	D. EAGLETON	DATE:	01/01/16
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
		DRAWING No.	
		52-0004	



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 Rt-Sg2 Rt-Sg3	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 		
	FRONT VIEW		
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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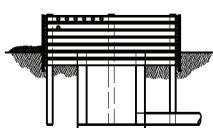

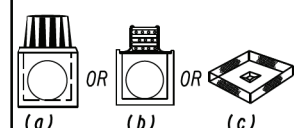

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'.

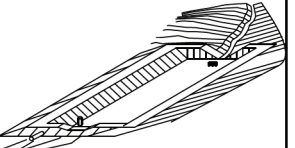
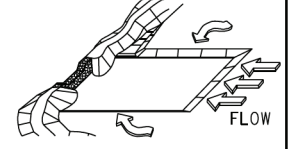
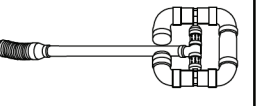
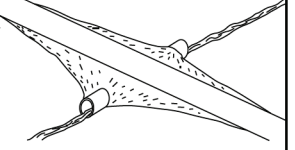


NO SCALE

REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET	
		SHEET 5 OF 7	
CHECKED:	D. EAGLETON	DATE:	01/01/16
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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)		

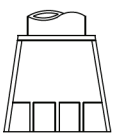

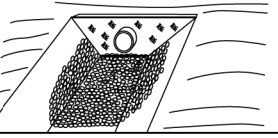
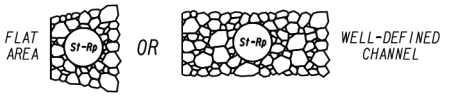
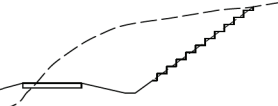
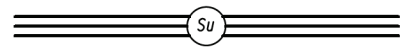
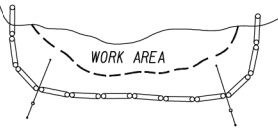

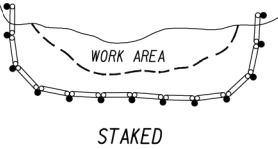
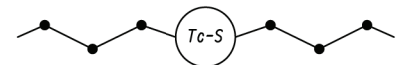
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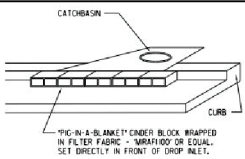

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

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



NO SCALE

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 <math>\leq 1.2</math> FEET. TYPE-3 RIP-RAP AT A DEPTH OF 18" AND PLACED ON FILTER FABRIC MAY BE USED FOR d50 <math>\leq 0.7</math> FEET.  REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR REQUIRED DESIGN DIMENSIONS AND OTHER INFORMATION TO BE INCLUDED IN THE PLANS.
		PATTERN 	
Su	SURFACE ROUGHENING SERRATED SLOPES CONSTRUCTION DETAIL S-7 SECTION 205		PROVIDING A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS, BY OPERATING A CLEATED DOZER ON THE SLOPE IN A VERTICAL DIRECTION. CREATING SERRATED SLOPES IN THE GRADING PROCESS TO CONSTRUCT BENCHES WILL REDUCE RUNOFF VELOCITY AND INCREASE INFILTRATION OF WATER.  IN MOST CASES THIS BMP IS NOT REQUIRED TO BE SHOWN ON THE PLANS, BUT REQUIRED TO BE COMPLETED BY THE CONTRACTOR UNDER ALL PROJECTS.  IF SERRATED SLOPES ARE SPECIFIED BY THE SOIL SURVEY, THEN THIS BMP SHALL BE SHOWN ON THE PLANS WHERE SERRATED SLOPES ARE TO BE USED.
		LINE CODE 	
Tc-F	TURBIDITY CURTAIN FLOATING  CONSTRUCTION DETAIL D-51 SECTION 170		A FLOATING TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED WHERE CONSTRUCTION IS REQUIRED IN A LARGE BODY OF WATER SUCH AS LAKES AND RIVERS. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER.  THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs.  IT MAY ALSO BE REFERRED TO AS A FLOATING BOOM, SILT BARRIER, OR SILT CURTAIN.
		LINE CODE 	
Tc-S	TURBIDITY CURTAIN STAKED  CONSTRUCTION DETAIL D-51 SECTION 170		A STAKED TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED IN SHALLOW INUNDATED AREAS. IT MAY BE USED TO PROTECT A SMALL STREAM BEING REALIGNED OR RESTORED. IN THIS CASE, CURTAIN SHOULD EXTEND TO BOTTOM OF STREAMBED. THE HEIGHT SHOULD BE LIMITED TO 5 FEET UNLESS DIRECTED AND EXTEND 2 FEET ABOVE NORMAL WATER ELEVATION. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER.  THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs.  IT MAY BE REFERRED TO AS A SILT BARRIER OR SILT CURTAIN.
		LINE CODE 	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Sd2-P	CURB INLET PROTECTION		
		SYMBOL 	

**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'.



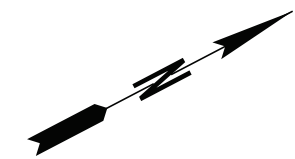
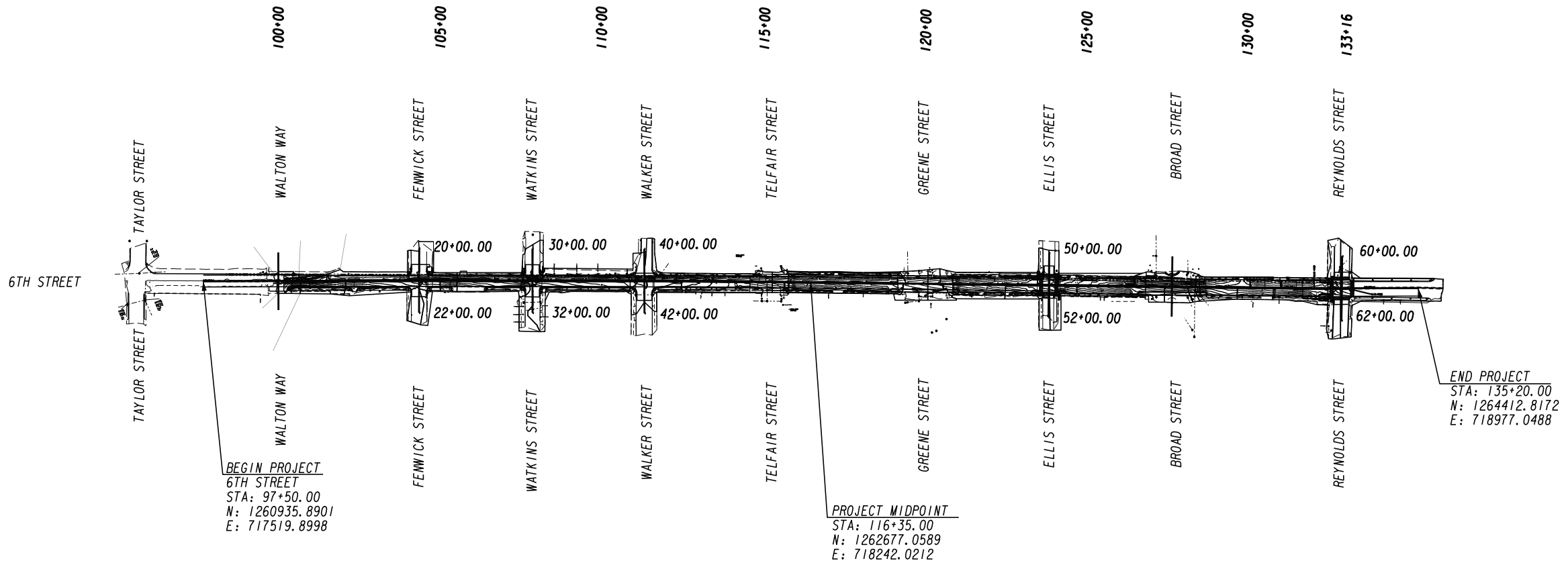
NO SCALE

REVISION DATES	
3/2/2017	

**EROSION CONTROL LEGEND**  
UNIFORM CODE SHEET  
SHEET 7 OF 7

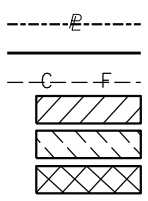
CHECKED:	D. EAGLETON	DATE:	01/01/16	DRAWING No.
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CORRECTED:		DATE:		
VERIFIED:		DATE:		

52-0007



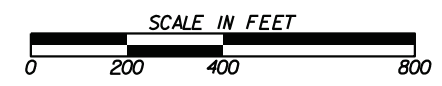
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TOTAL PROJECT SIZE: 7.12 ACRES

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



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

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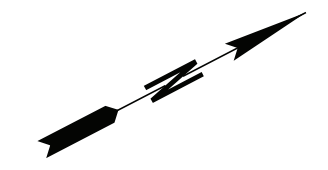
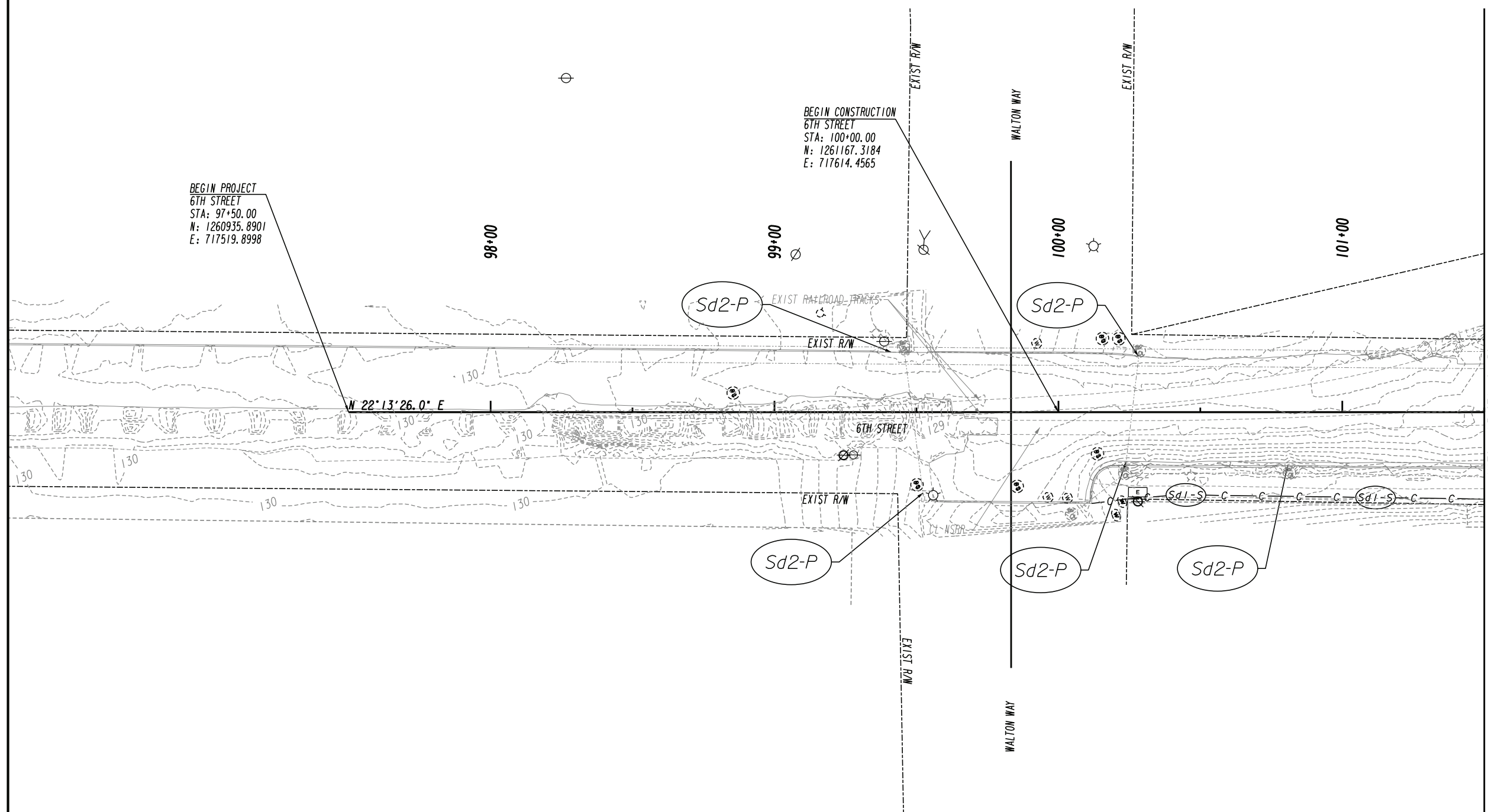


REVISION DATES	

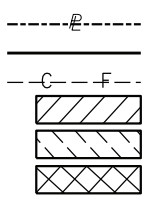
**EROSION CONTROL DRAINAGE AREA MAP**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	53-0001
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  
REQ'D LIMIT OF ACCESS  
REQ'D LIMIT OF ACCESS & R/W  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

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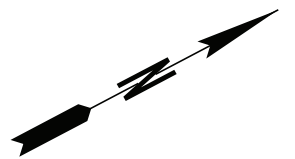
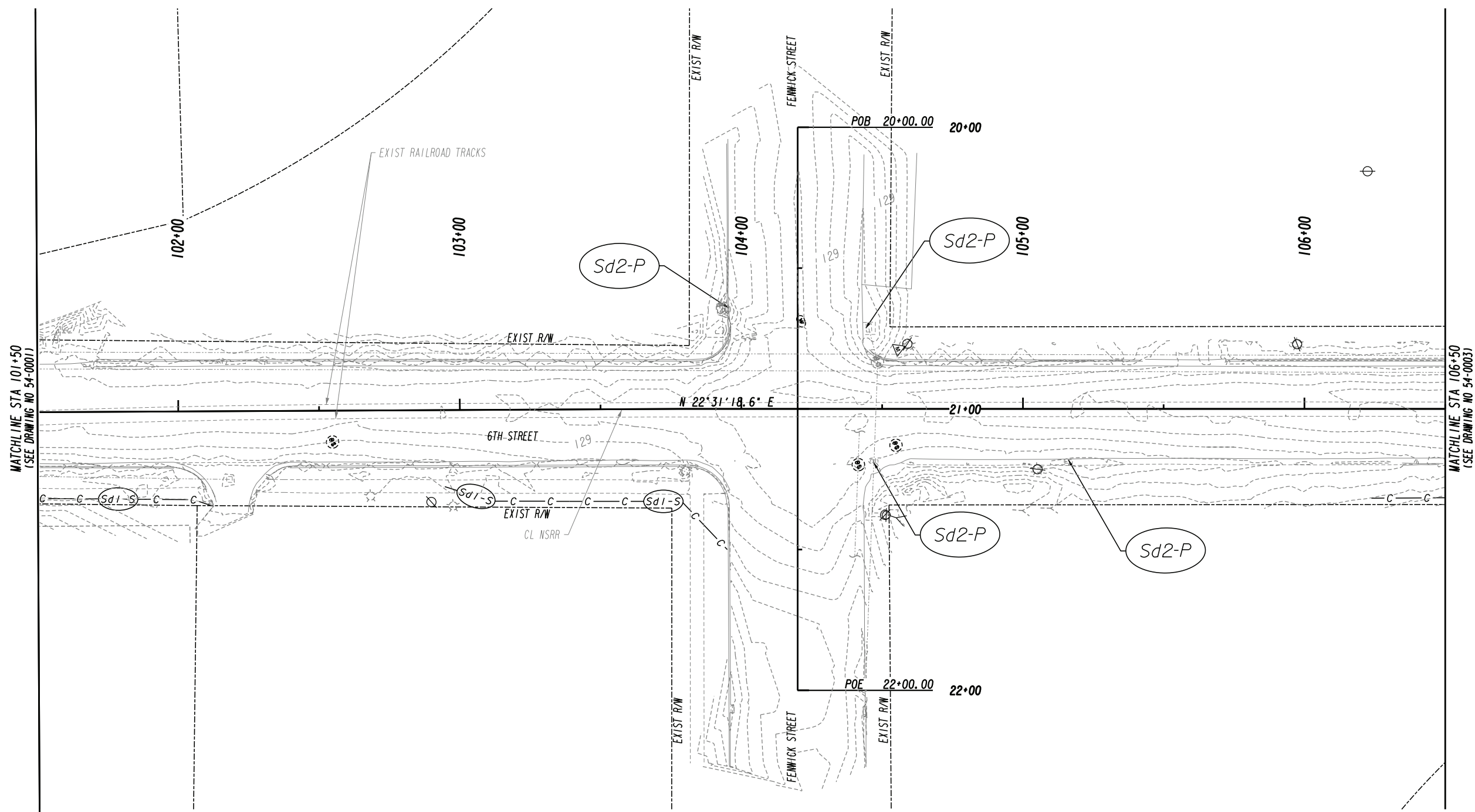


REVISION DATES	

INITIAL PHASE

**BMP LOCATION DETAILS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

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BACKCHECKED:	DATE:	54-0001
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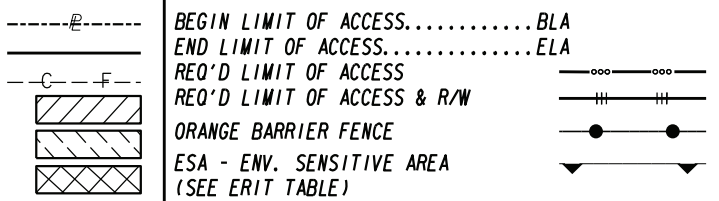


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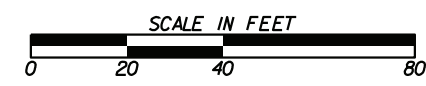
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INITIAL PHASE

PROPERTY AND EXISTING R/W LINE  
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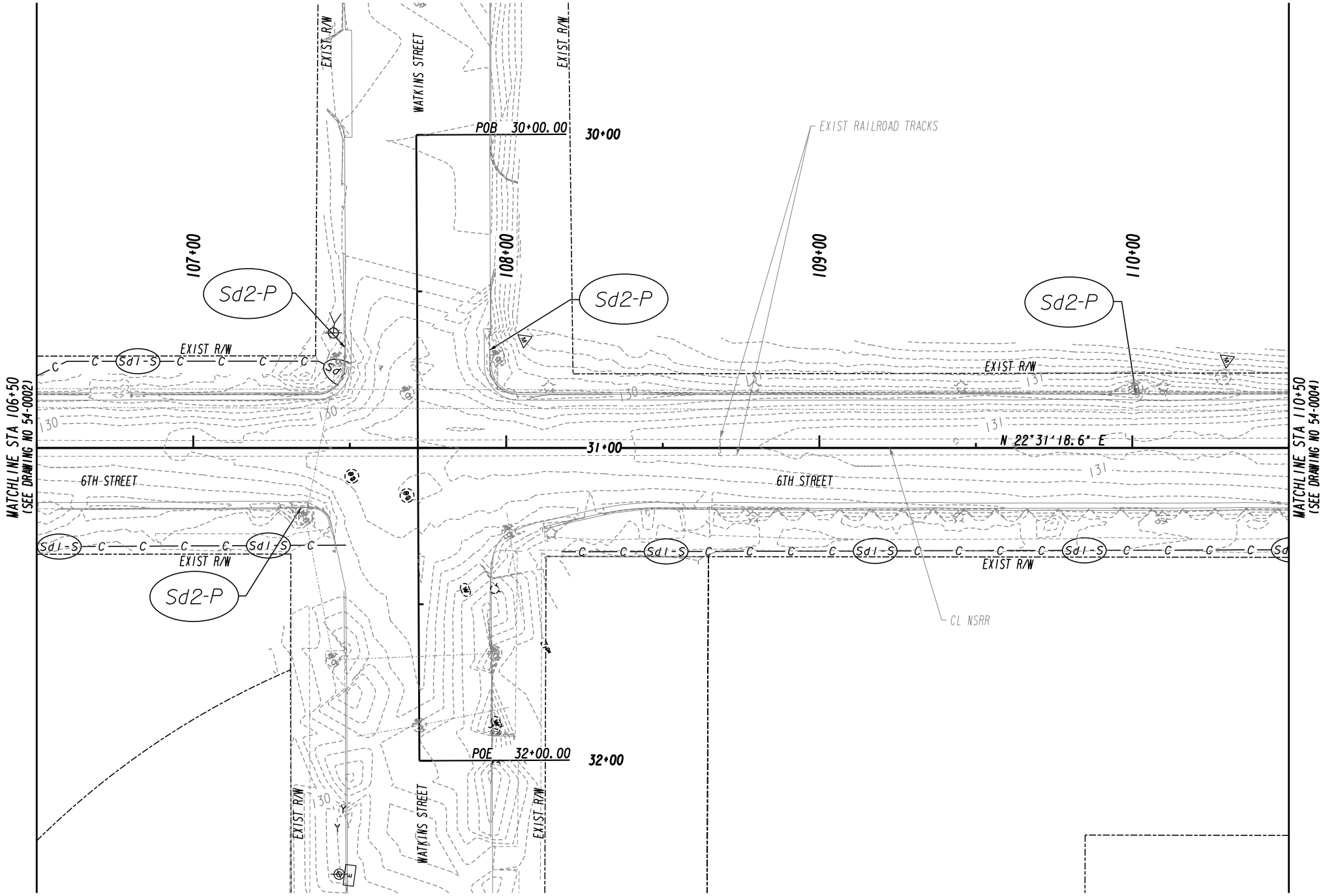


REVISION DATES	

**BMP LOCATION DETAILS**  
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 TAYLOR STREET TO REYNOLDS STREET

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VERIFIED:	DATE:	



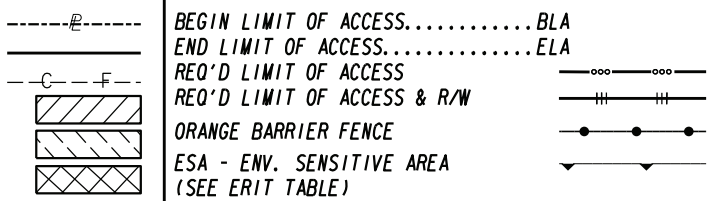


MATCHLINE STA 106+50  
(SEE DRAWING NO 54-0002)

MATCHLINE STA 110+50  
(SEE DRAWING NO 54-0004)

INITIAL PHASE

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



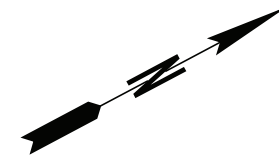
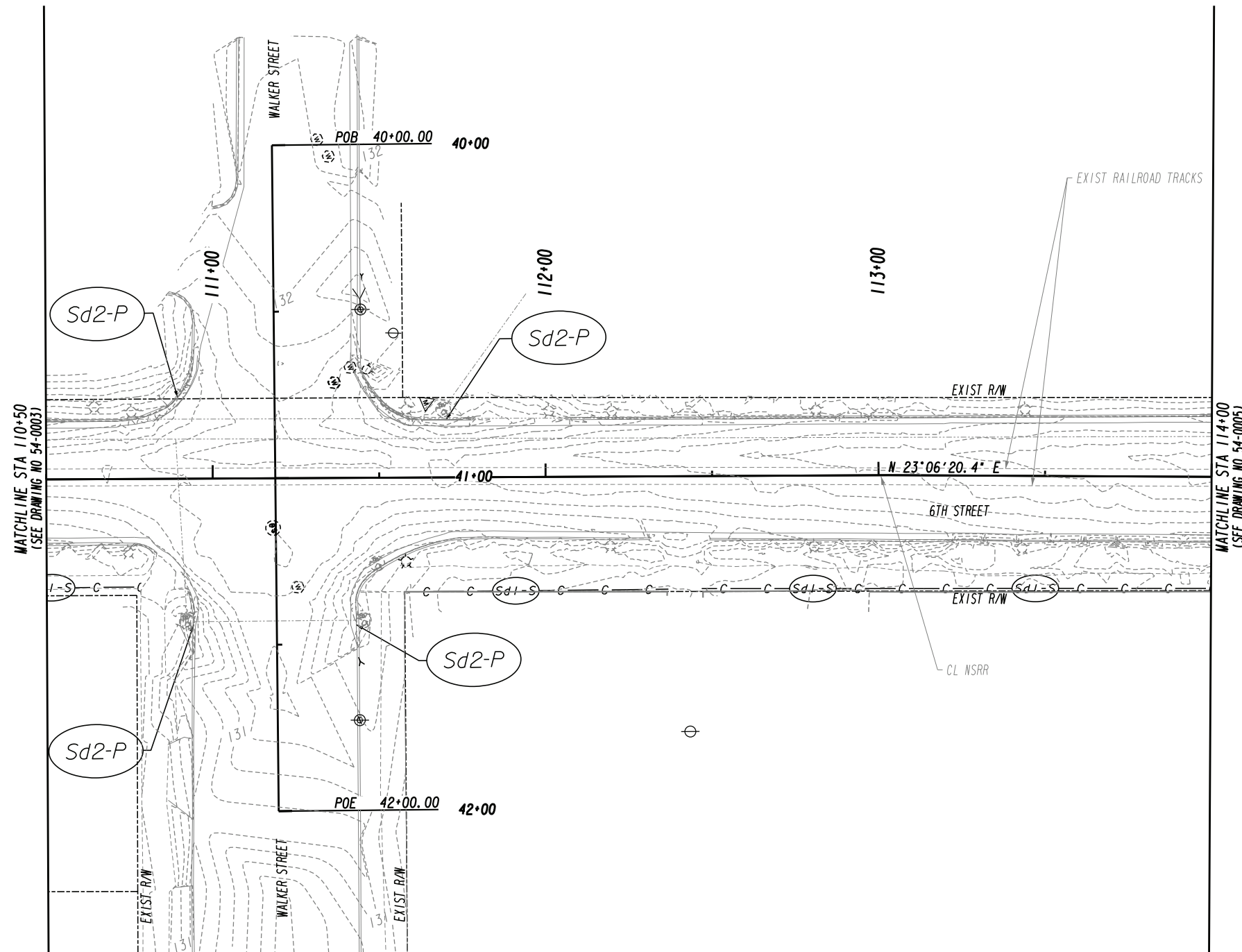
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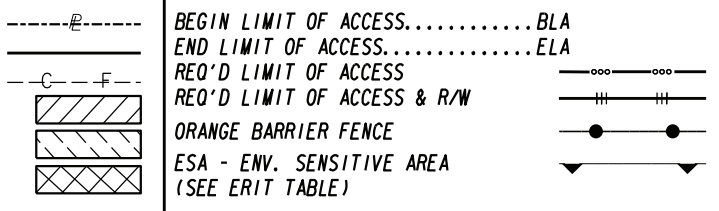
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6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

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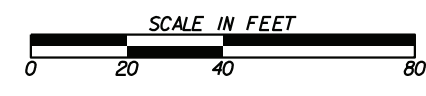


INITIAL PHASE

PROPERTY AND EXISTING R/W LINE  
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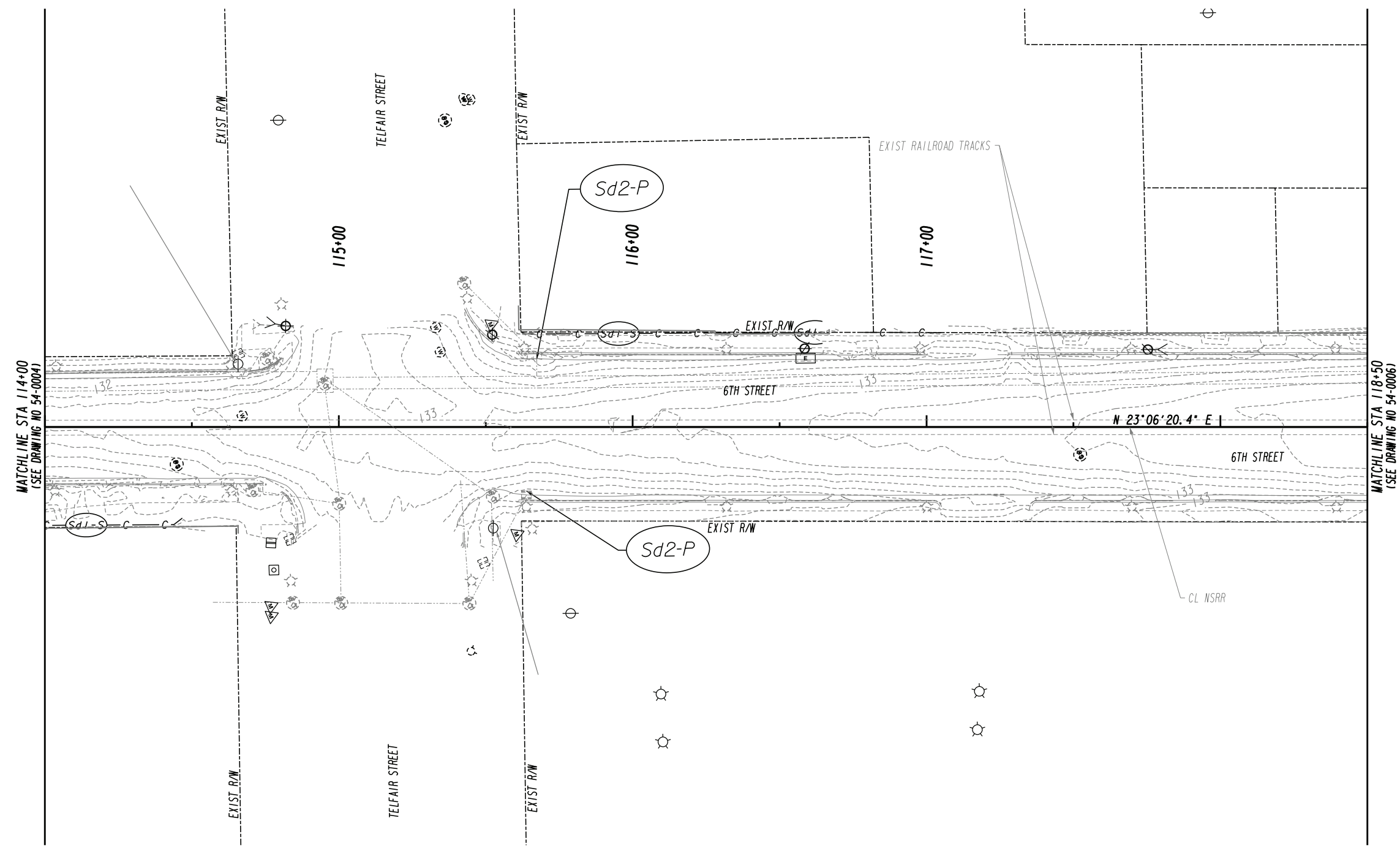
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**BMP LOCATION DETAILS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0004
CORRECTED:	DATE:	
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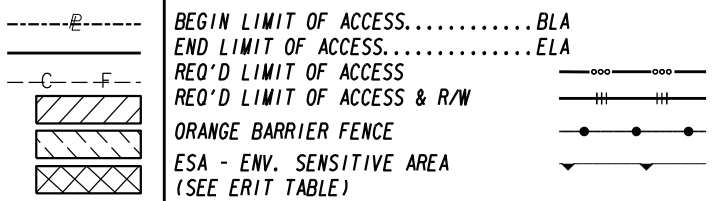


MATCHLINE STA 114+00  
(SEE DRAWING NO 54-0004)

MATCHLINE STA 118+50  
(SEE DRAWING NO 54-0006)

INITIAL PHASE

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



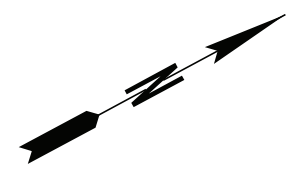
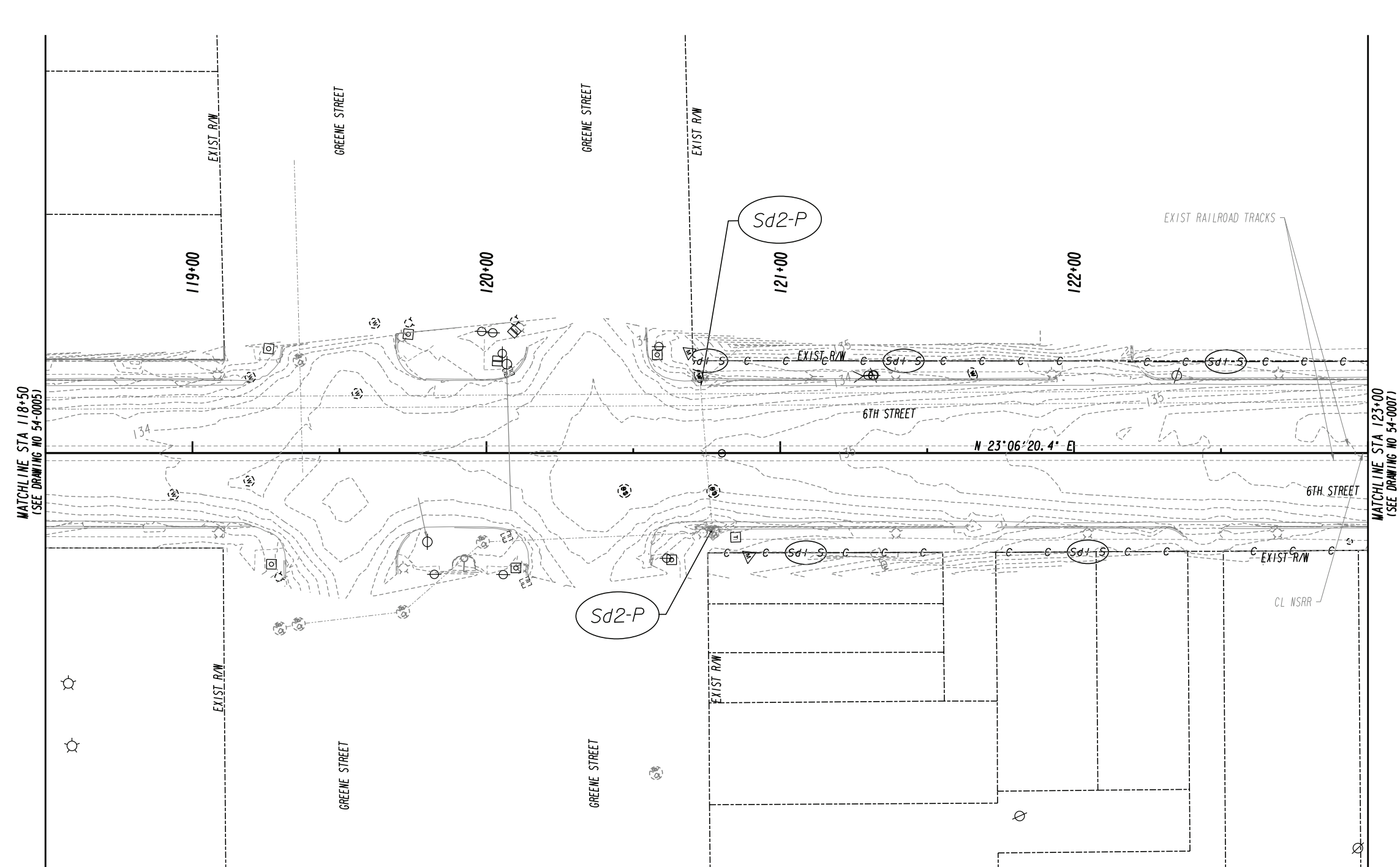

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REVISION DATES	

**BMP LOCATION DETAILS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

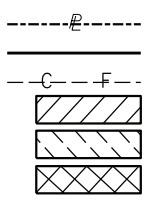
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0005
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCHLINE STA 118+50  
(SEE DRAWING NO 54-0005)

MATCHLINE STA 123+00  
(SEE DRAWING NO 54-0007)

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



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

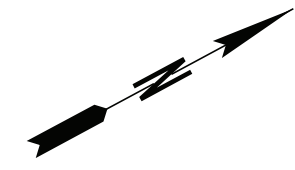
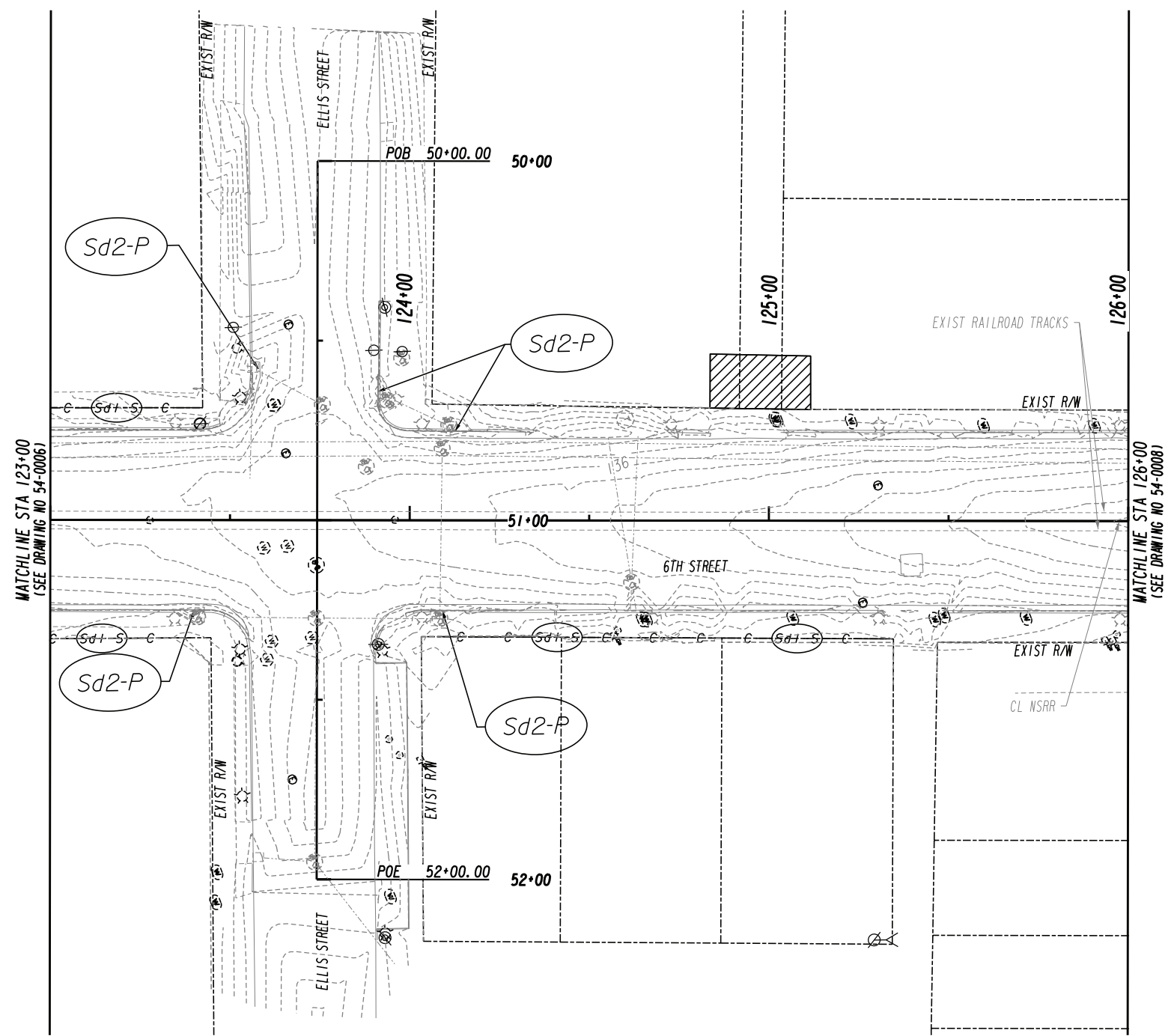
**CPL**  
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**PLANNING**  
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REVISION DATES	

INITIAL PHASE  
**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0006
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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 [Hatched Box]  
 [Hatched Box]  
 [Hatched Box]

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



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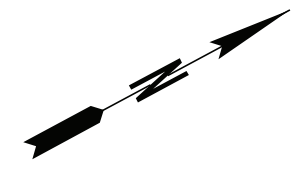
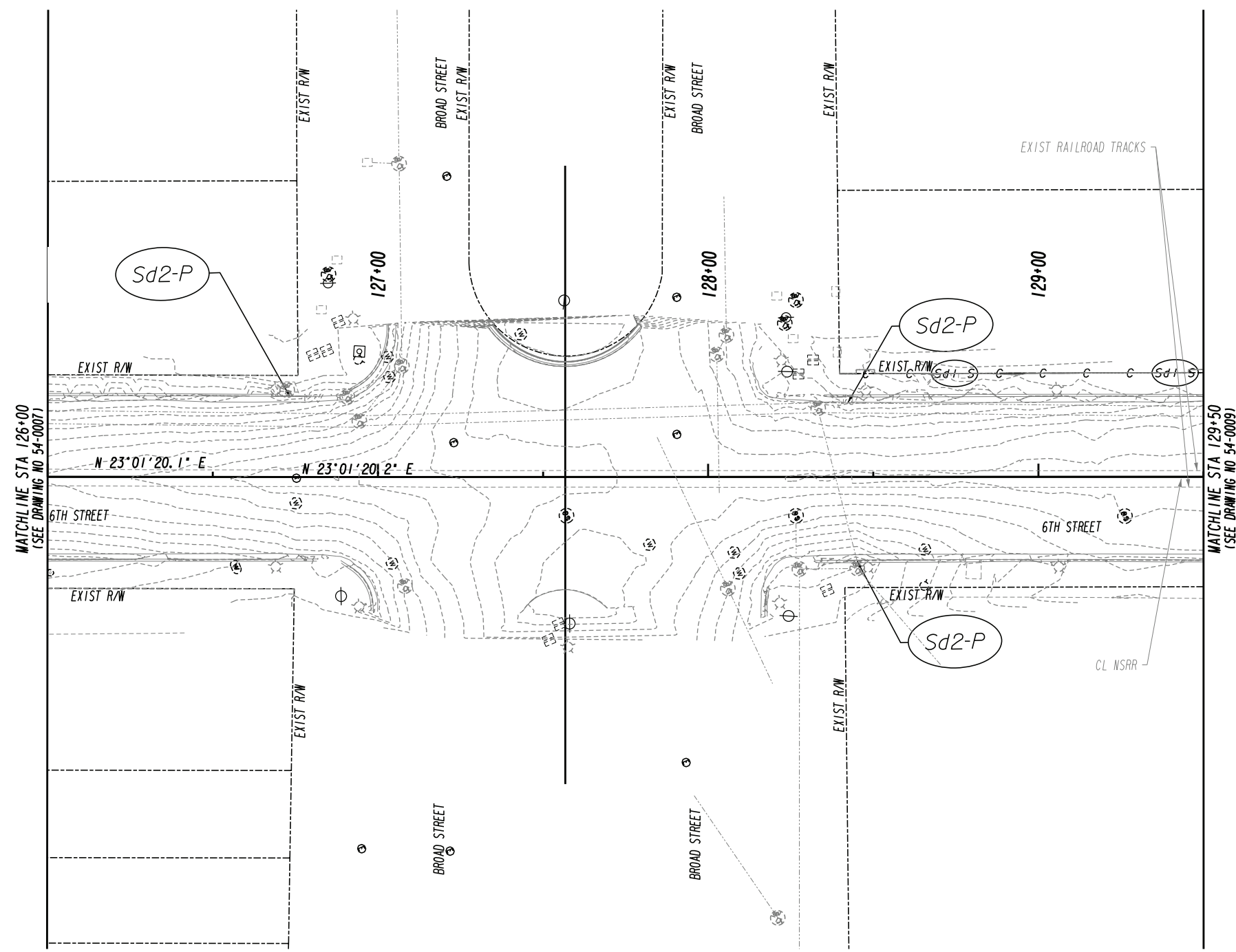
REVISION DATES	

INITIAL PHASE

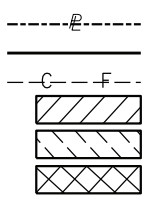
**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0007
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  
 REQ'D LIMIT OF ACCESS  
 REQ'D LIMIT OF ACCESS & R/W  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

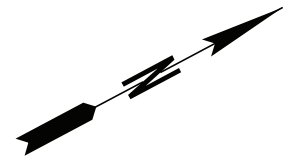
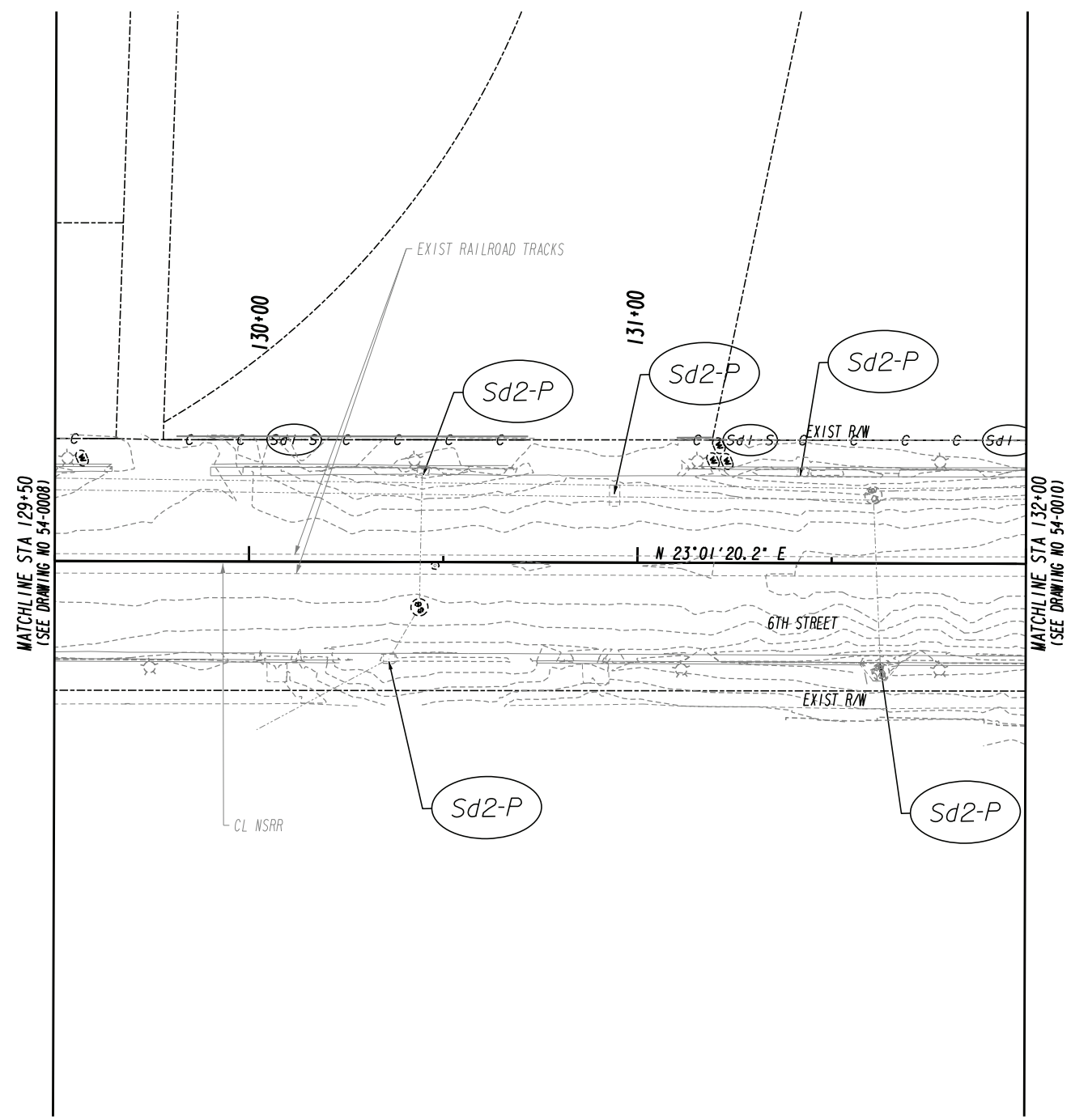
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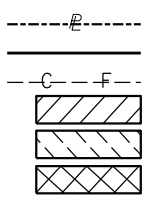
REVISION DATES	

INITIAL PHASE  
**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	

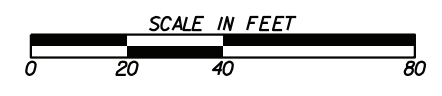


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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

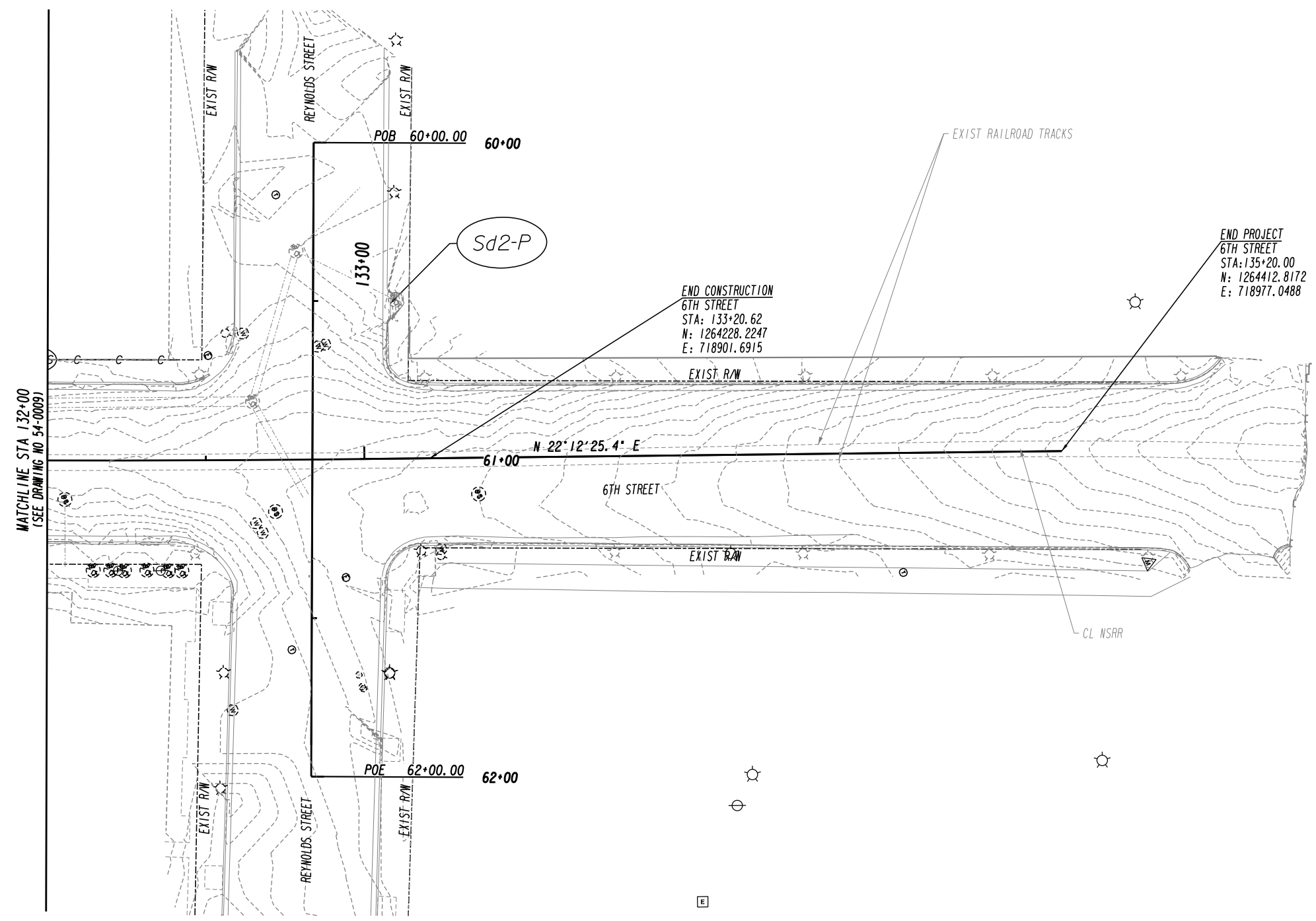
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REVISION DATES	

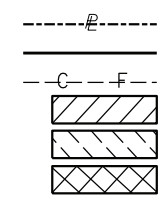
INITIAL PHASE  
**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0009
CORRECTED:	DATE:	
VERIFIED:	DATE:	



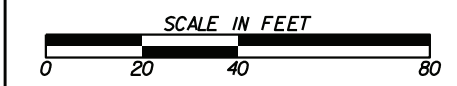
MATCHLINE STA 132+00  
(SEE DRAWING NO 54-0009)

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

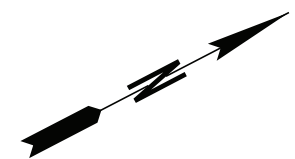
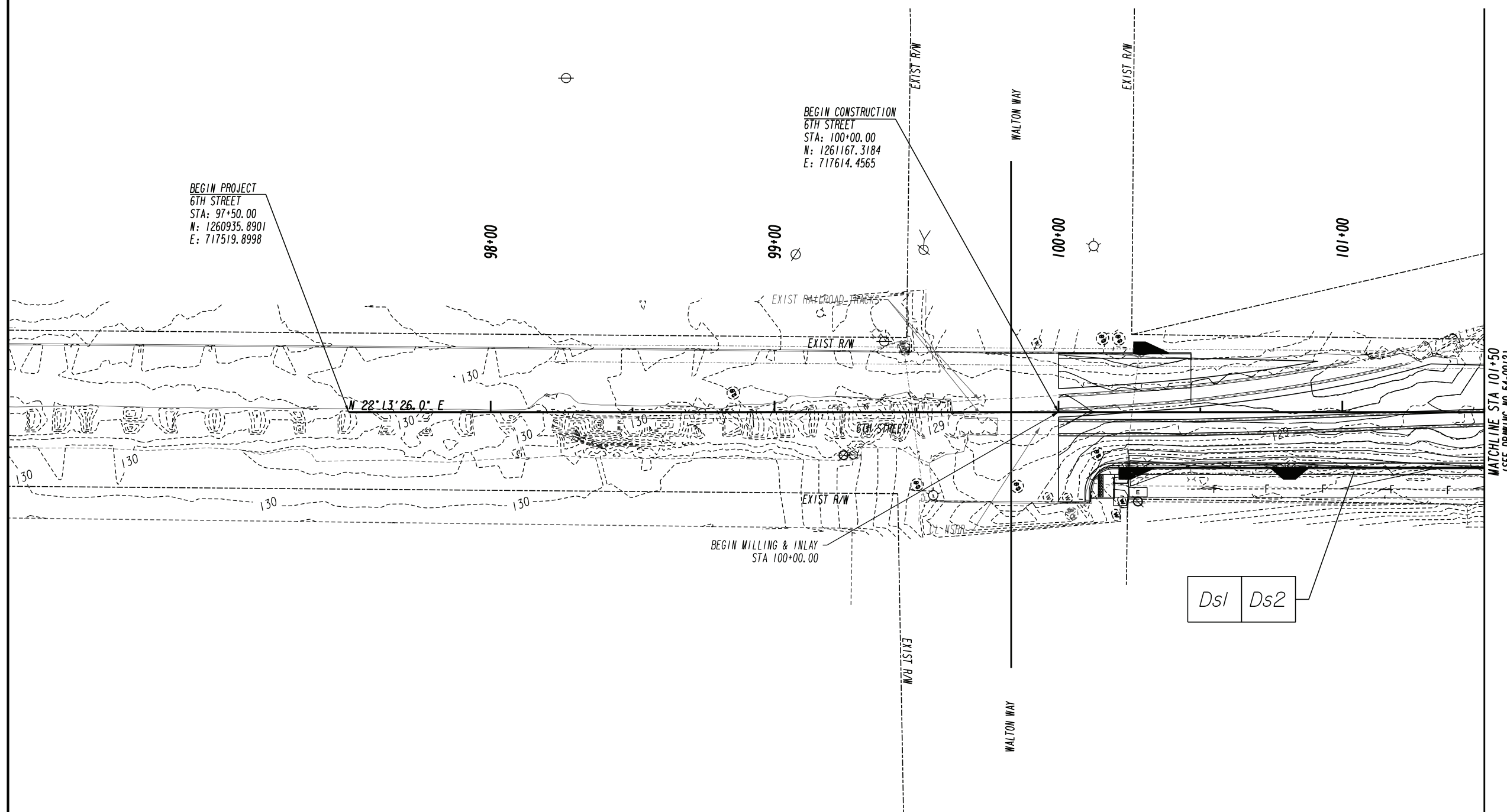
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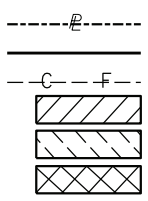
REVISION DATES	

INITIAL PHASE  
**BMP LOCATION DETAILS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No. <b>54-0010</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  
 REQ'D LIMIT OF ACCESS  
 REQ'D LIMIT OF ACCESS & R/W  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)

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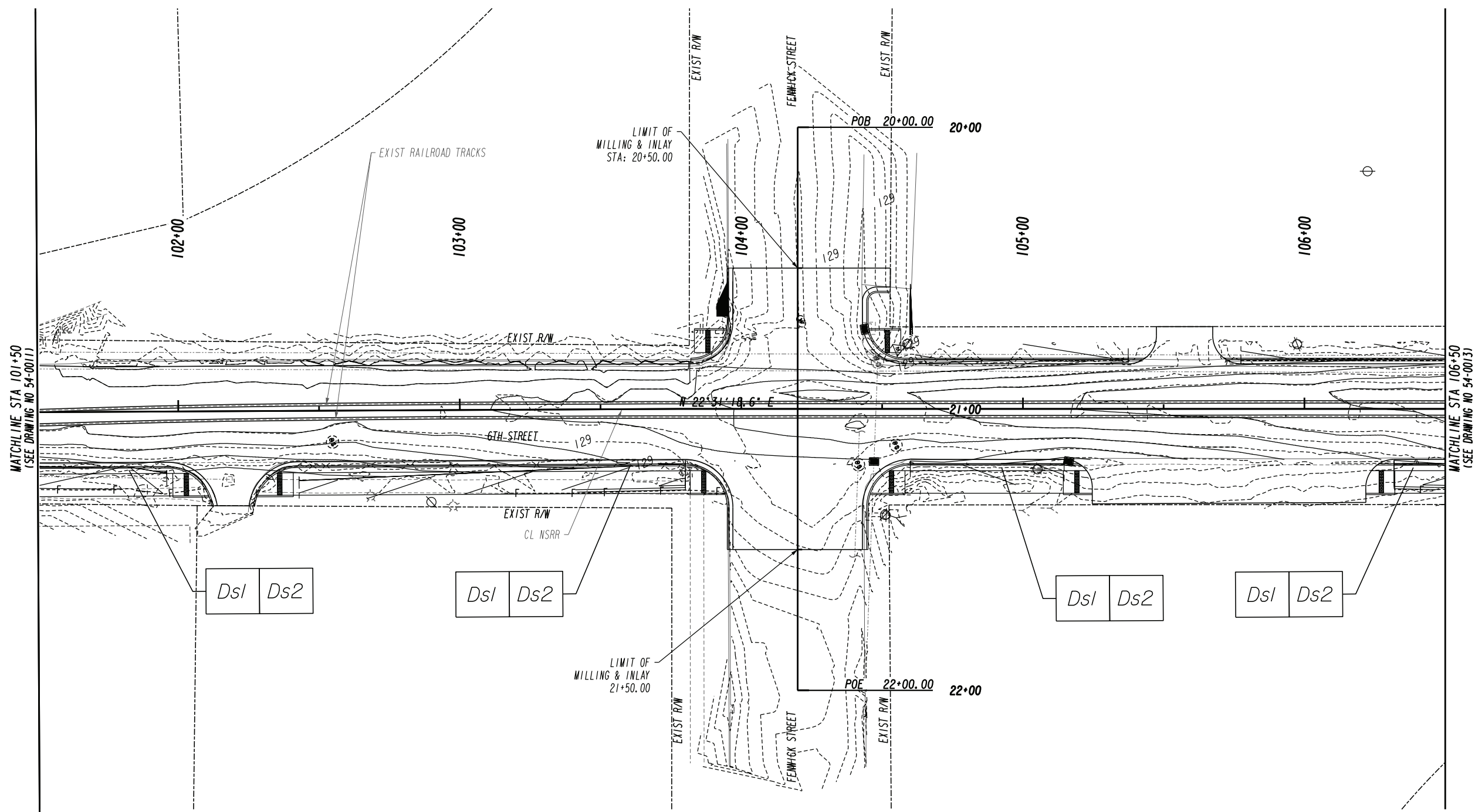


REVISION DATES	

INTERMEDIATE PHASE

**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No. <b>54-0011</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



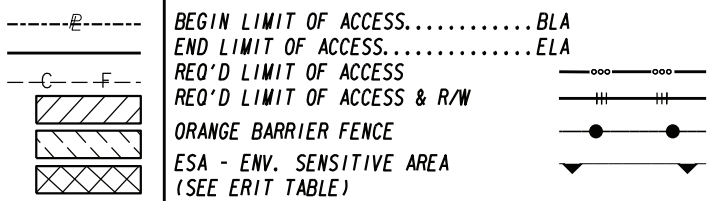
Ds1 Ds2

Ds1 Ds2

Ds1 Ds2

Ds1 Ds2

PROPERTY AND EXISTING R/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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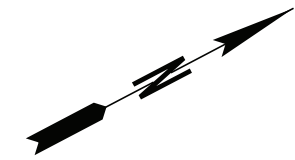
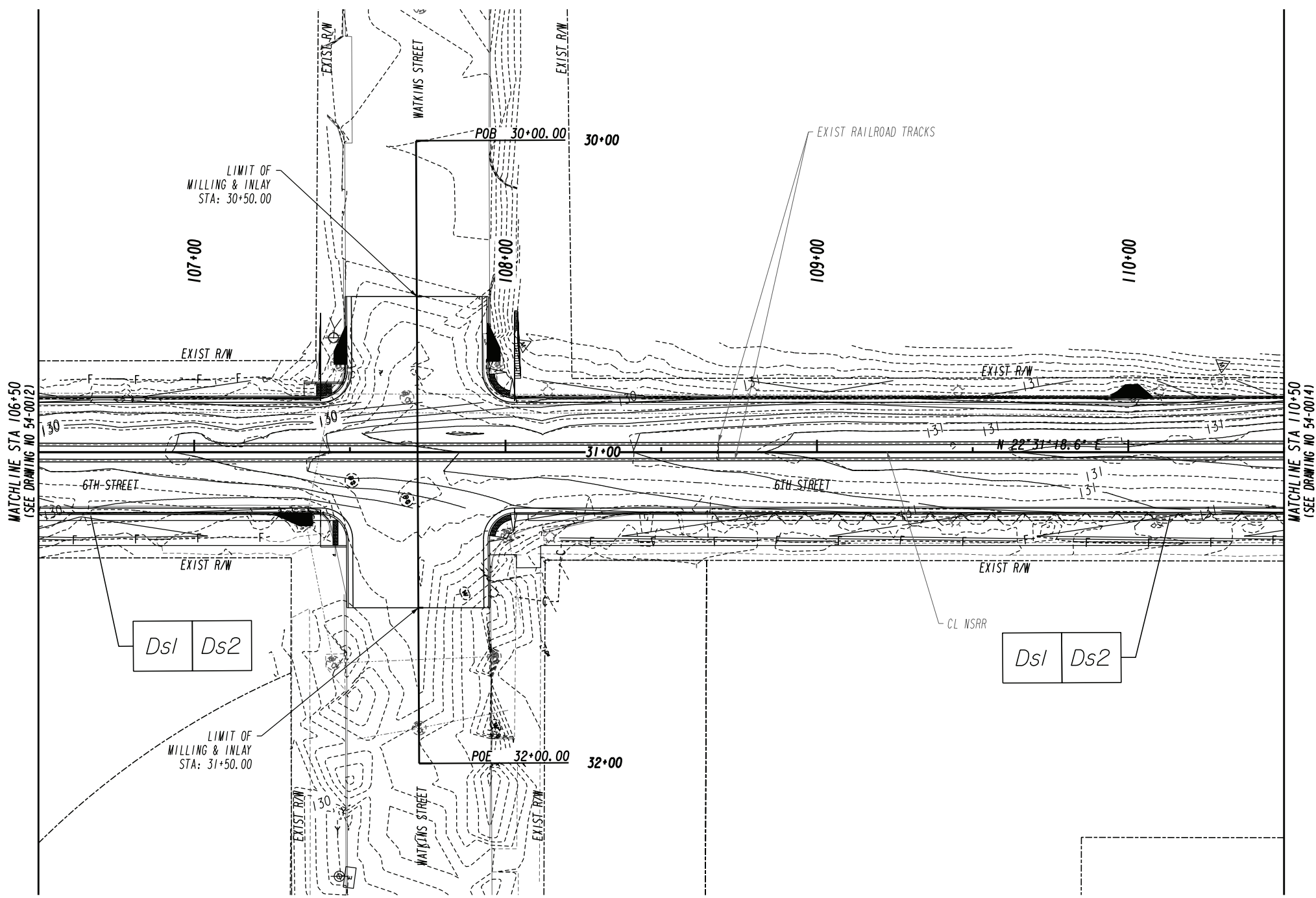
REVISION DATES	

INTERMEDIATE PHASE

**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

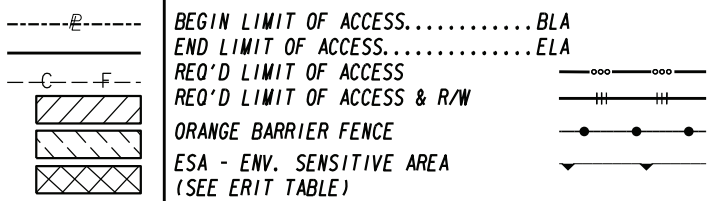
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0012
CORRECTED:	DATE:	
VERIFIED:	DATE:	





INTERMEDIATE PHASE

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



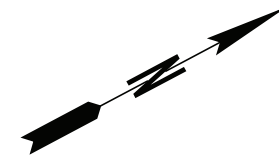
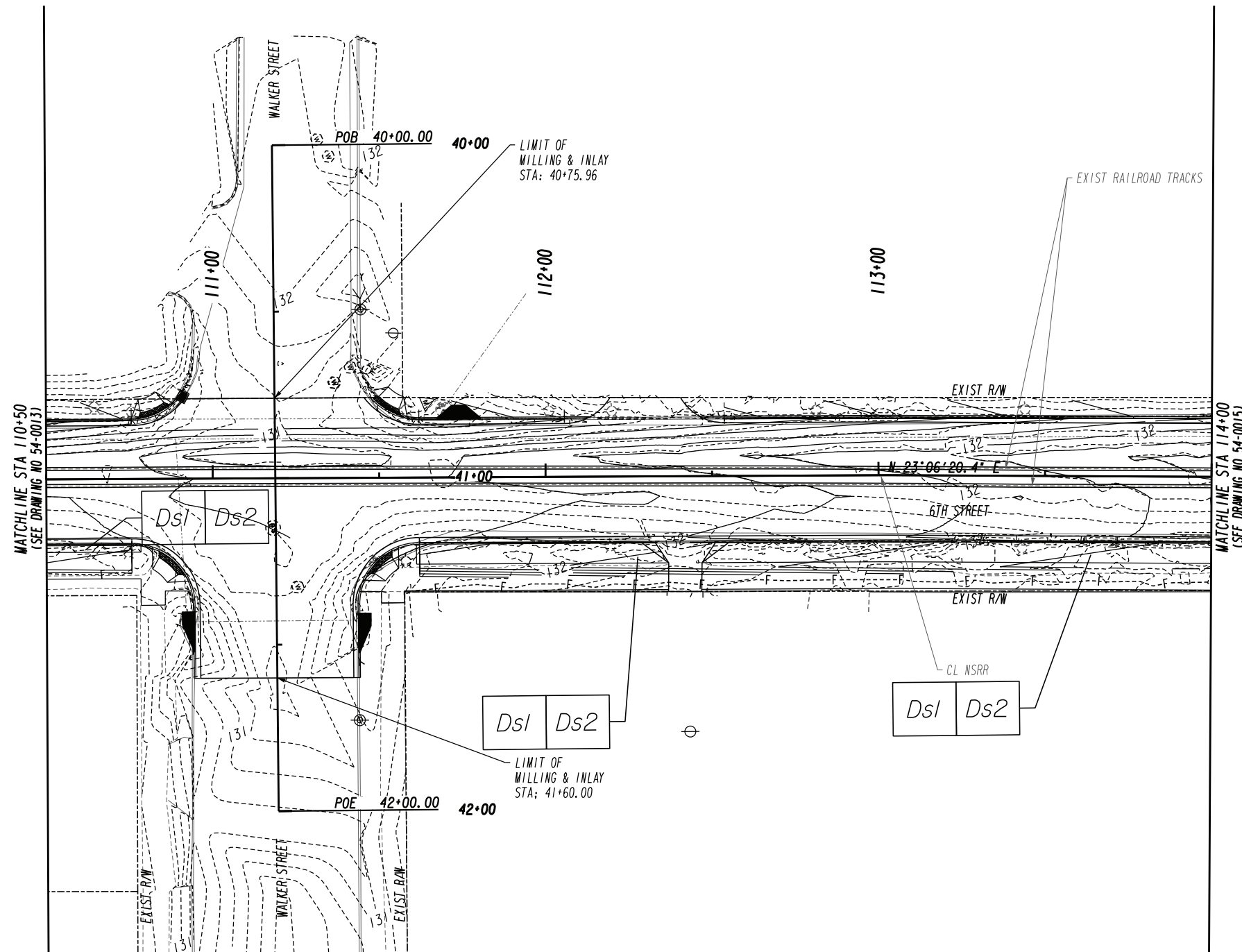

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REVISION DATES	

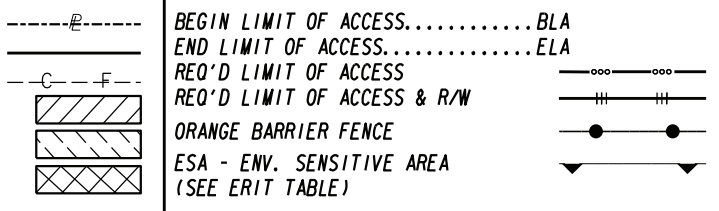
**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0013
CORRECTED:	DATE:	
VERIFIED:	DATE:	



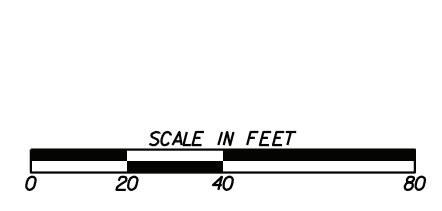
INTERMEDIATE PHASE

PROPERTY AND EXISTING R/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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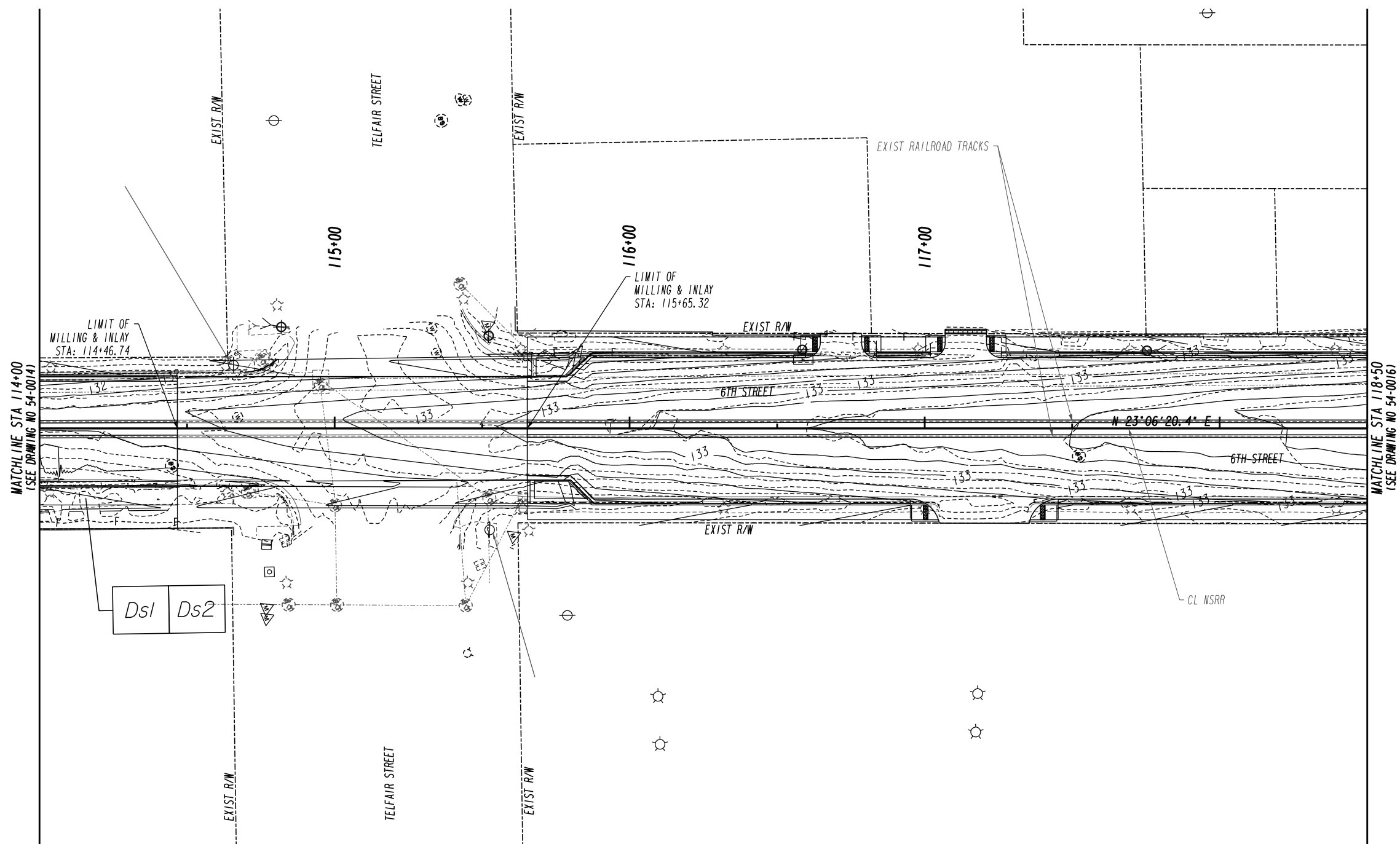
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REVISION DATES	

**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No. <b>54-0014</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



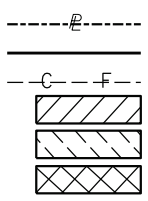
MATCHLINE STA 114+00  
(SEE DRAWING NO 54-0014)

MATCHLINE STA 118+50  
(SEE DRAWING NO 54-0016)

Ds1 Ds2

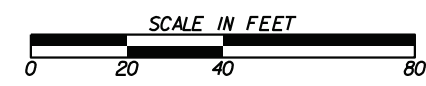
INTERMEDIATE PHASE

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



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

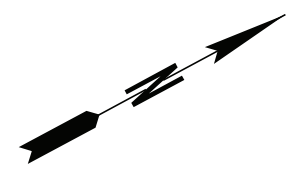
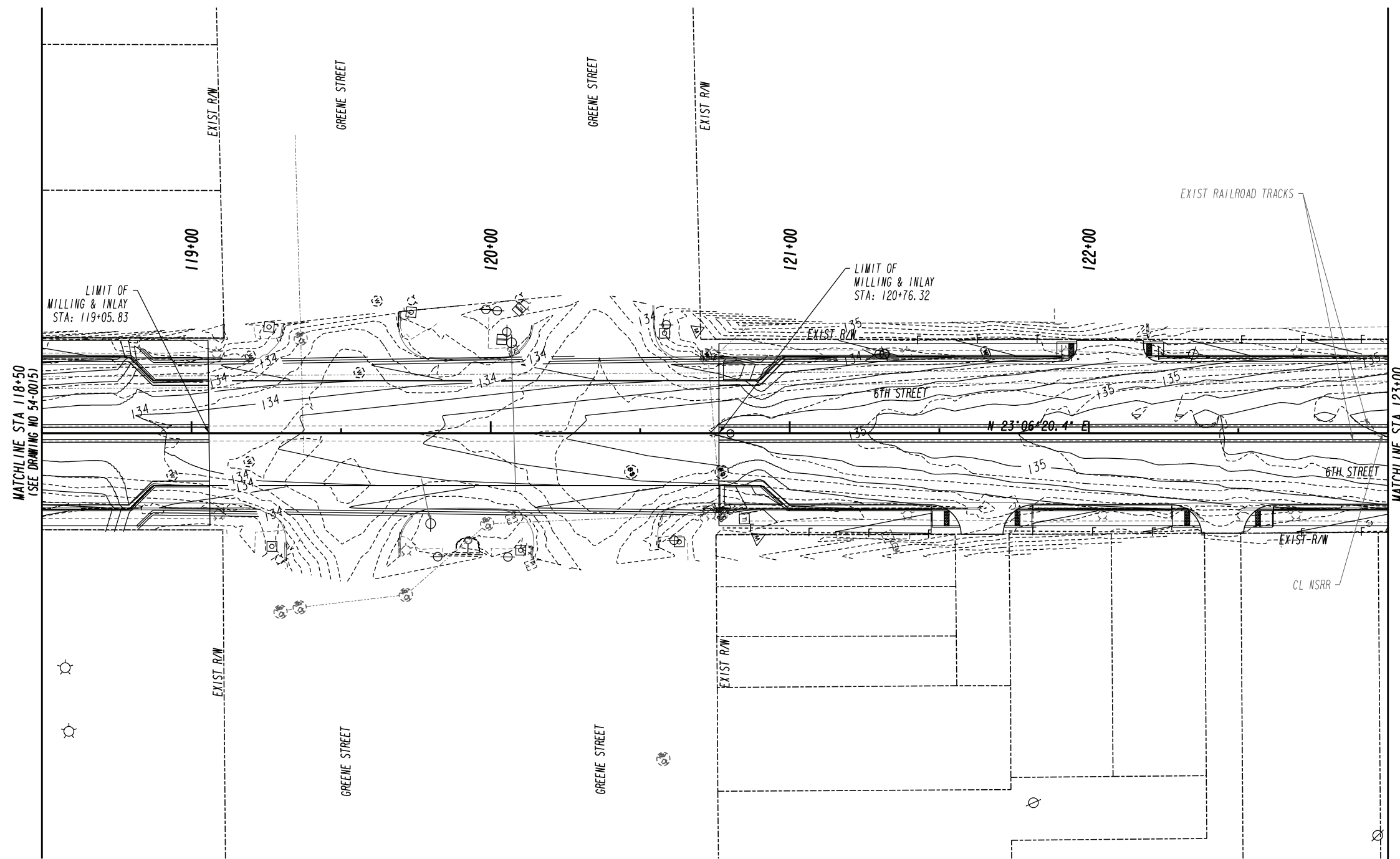
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REVISION DATES	

**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0015
CORRECTED:	DATE:	
VERIFIED:	DATE:	

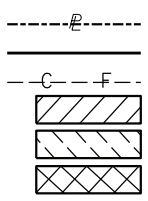


MATCHLINE STA 118+50  
(SEE DRAWING NO 54-0015)

MATCHLINE STA 123+00  
(SEE DRAWING NO 54-0017)

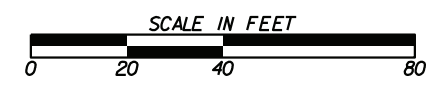
INTERMEDIATE PHASE

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



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

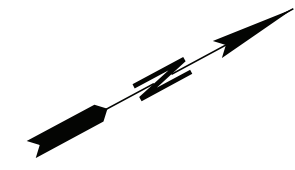
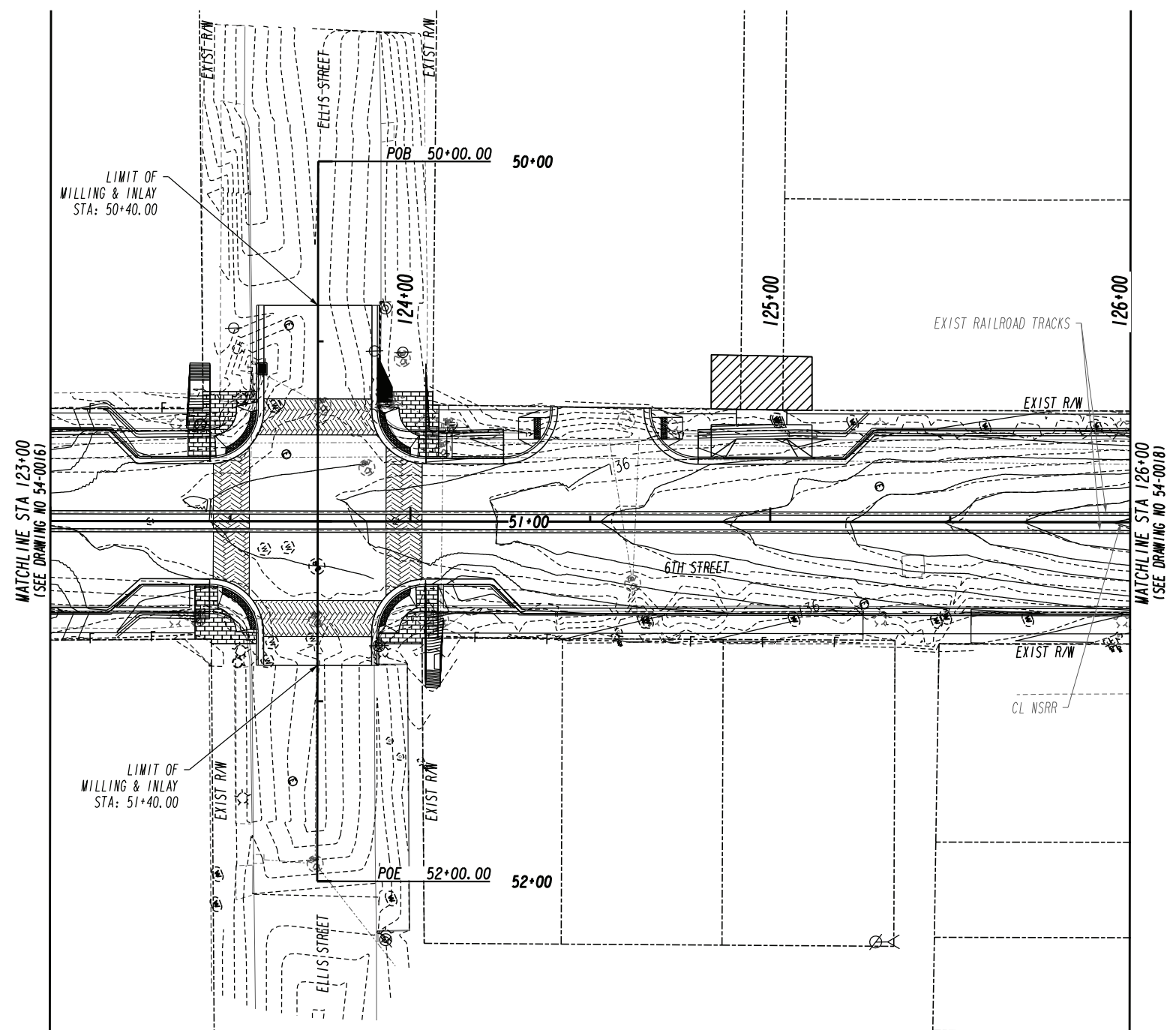
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REVISION DATES	

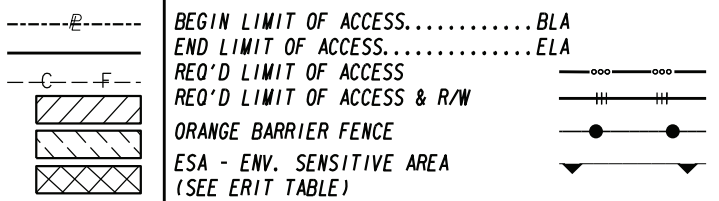
BMP LOCATION DETAILS		
6TH STREET IMPROVEMENT		
TAYLOR STREET TO REYNOLDS STREET		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0016
CORRECTED:	DATE:	
VERIFIED:	DATE:	





INTERMEDIATE PHASE

PROPERTY AND EXISTING R/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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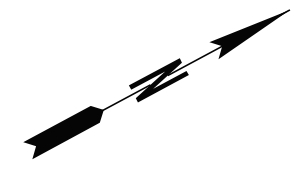
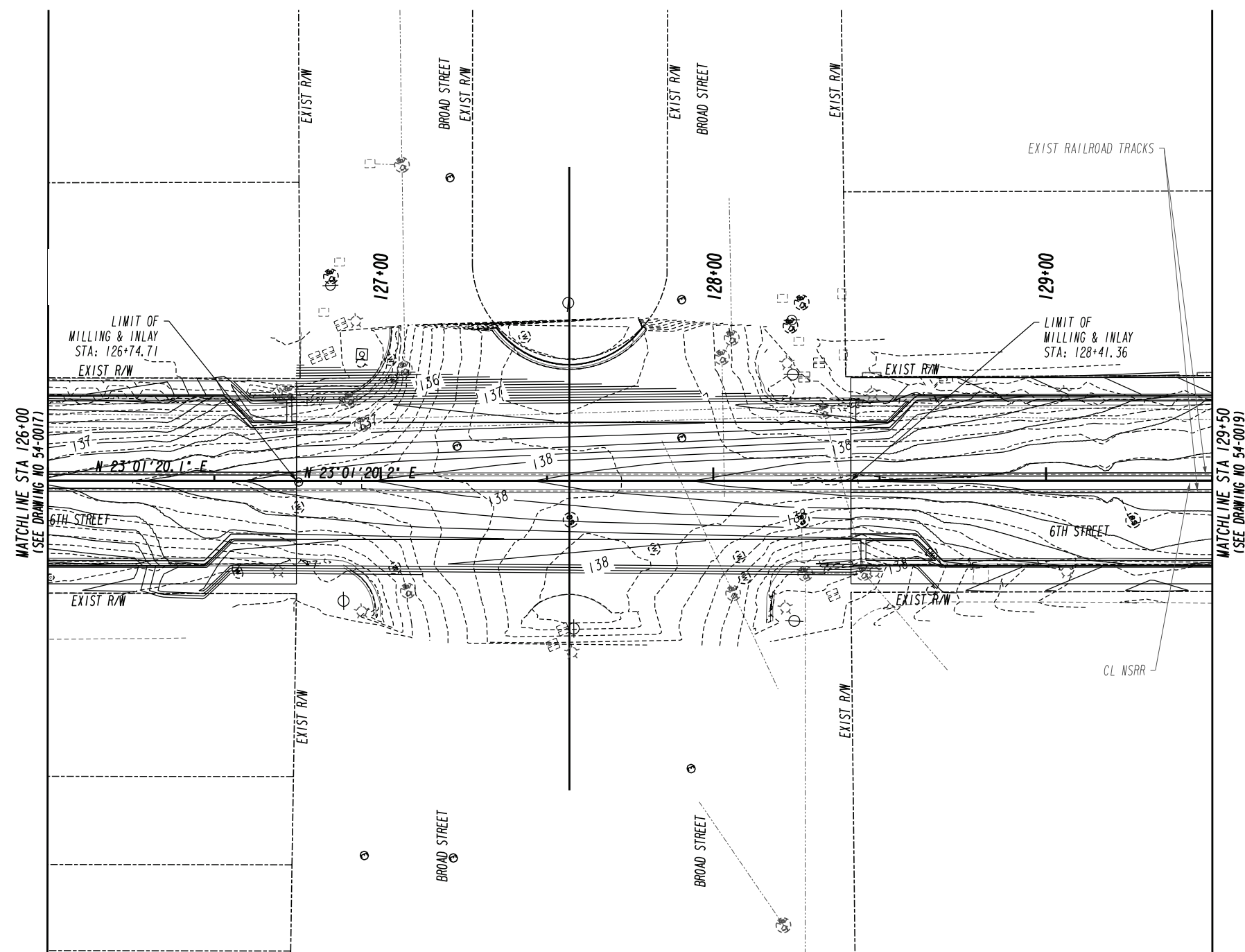


REVISION DATES	

**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

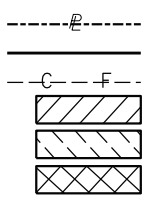
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BACKCHECKED:	DATE:	54-0017
CORRECTED:	DATE:	
VERIFIED:	DATE:	



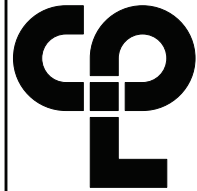


INTERMEDIATE PHASE

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

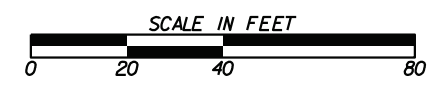


BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 REQ'D LIMIT OF ACCESS  
 REQ'D LIMIT OF ACCESS & R/W  
 ORANGE BARRIER FENCE  
 ESA - ENV. SENSITIVE AREA  
 (SEE ERIT TABLE)



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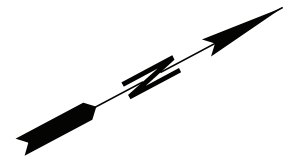
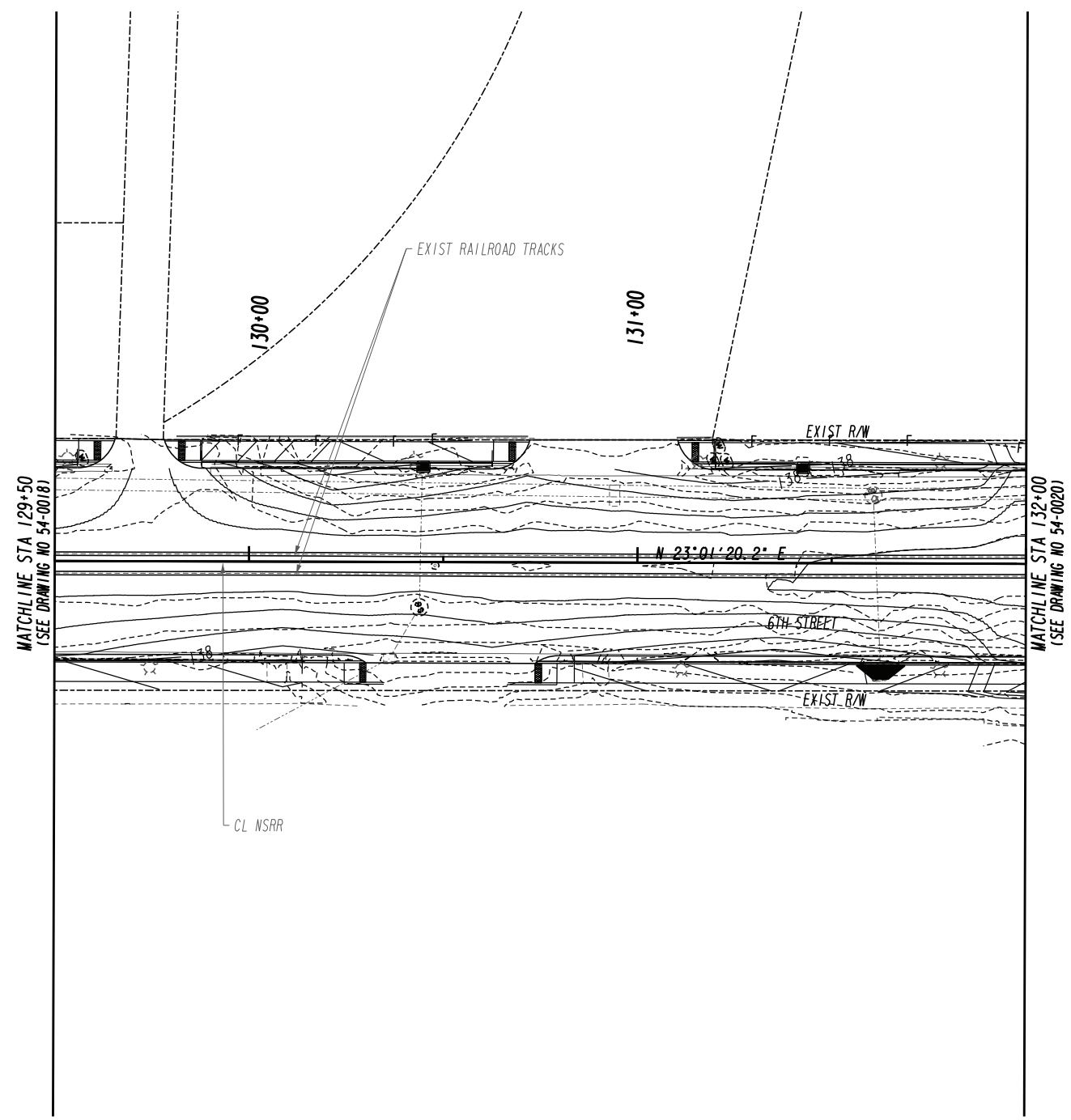
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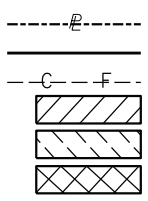
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 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

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BACKCHECKED:	DATE:	54-0018
CORRECTED:	DATE:	
VERIFIED:	DATE:	

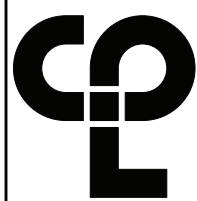


INTERMEDIATE PHASE

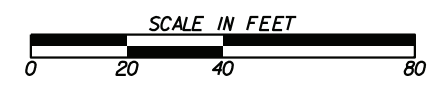
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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



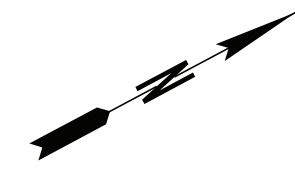
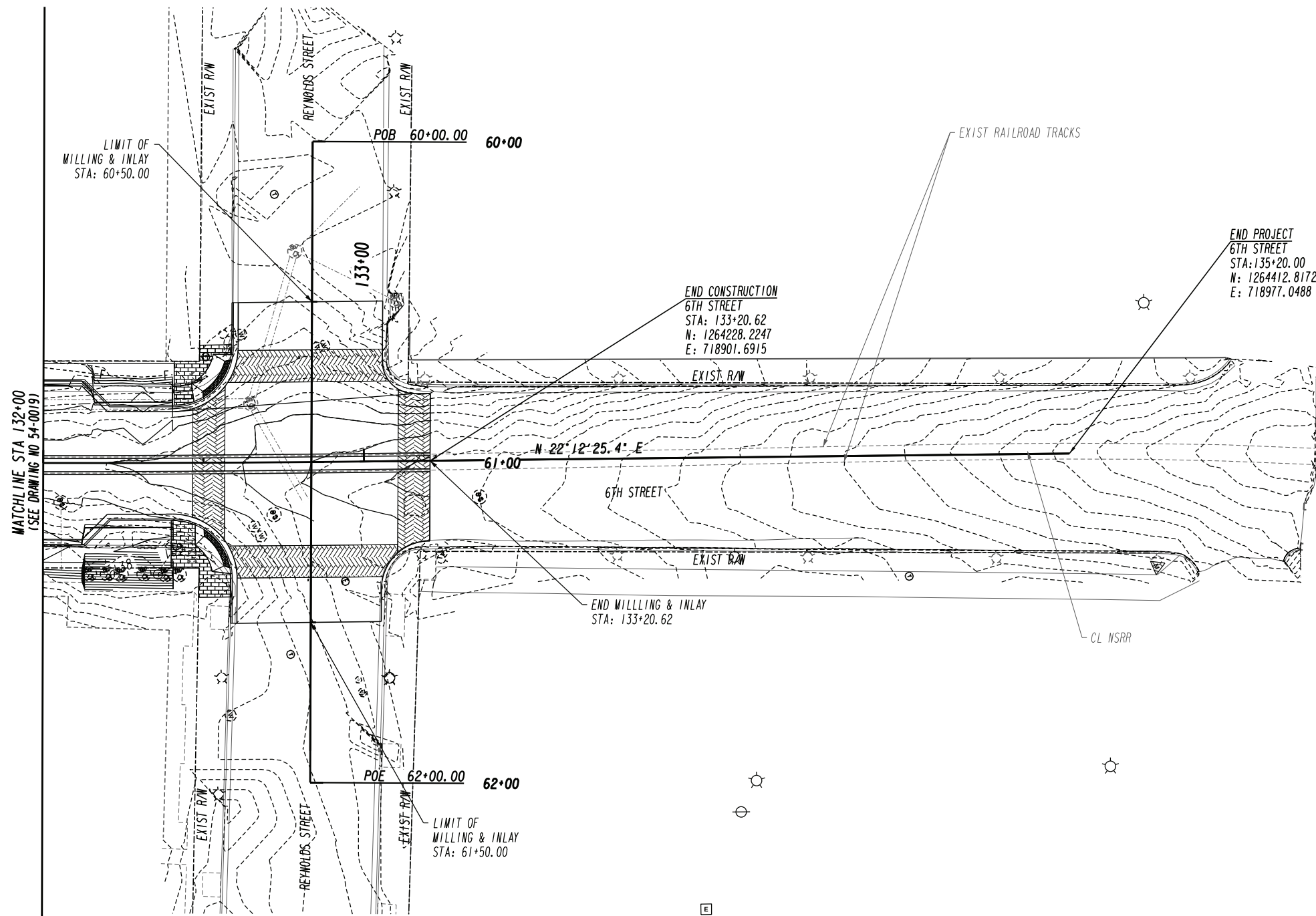
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REVISION DATES	

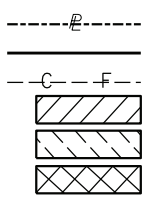
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 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

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

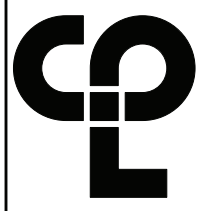


INTERMEDIATE PHASE

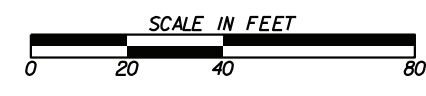
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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

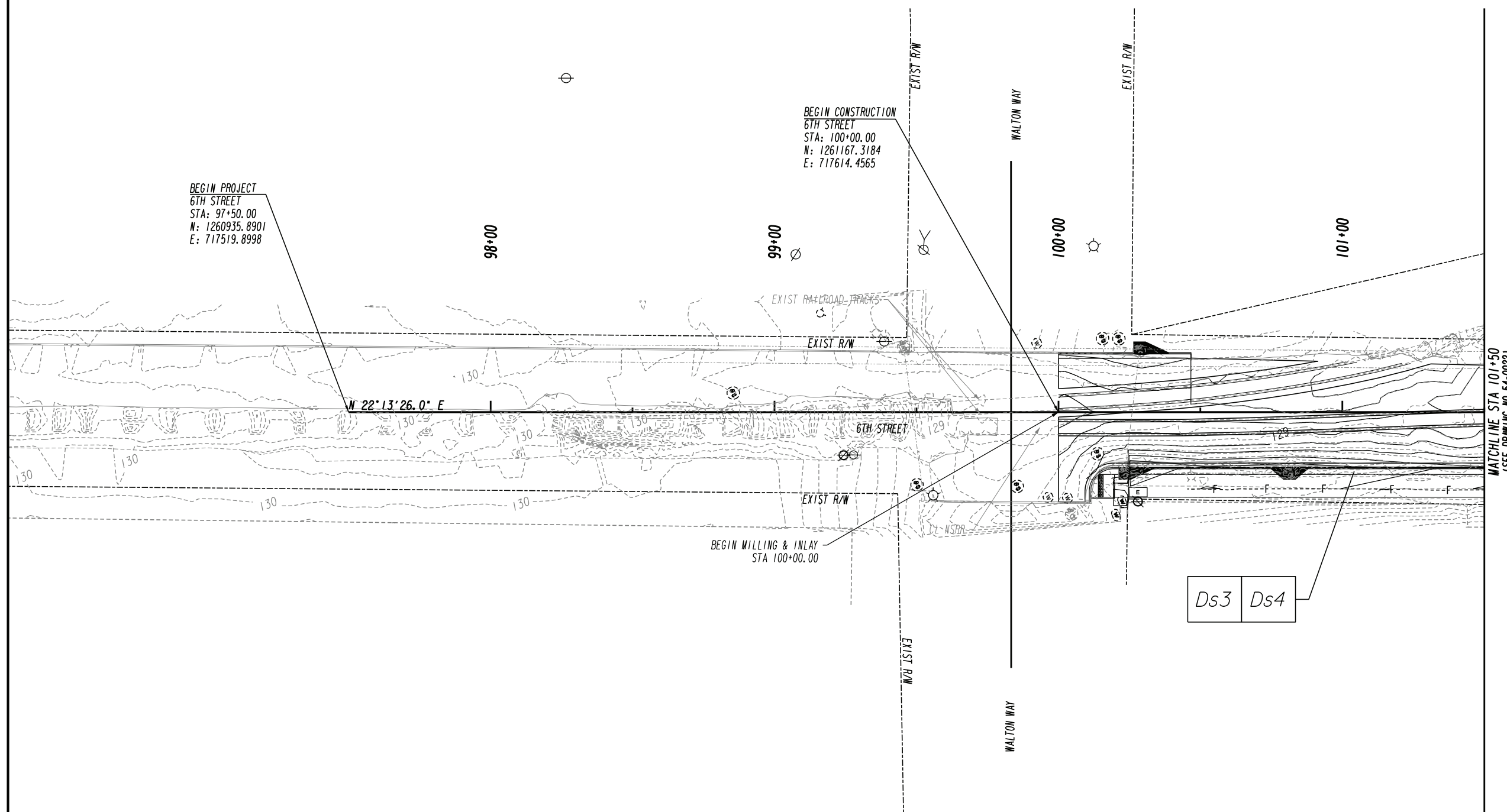


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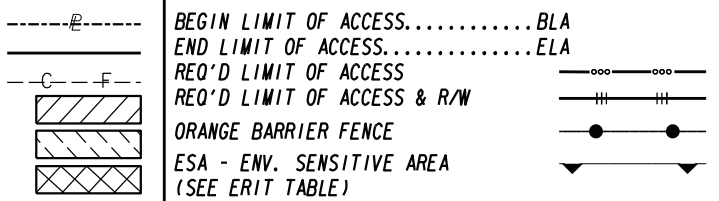
REVISION DATES	

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TAYLOR STREET TO REYNOLDS STREET		
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0020
CORRECTED:	DATE:	
VERIFIED:	DATE:	



FINAL PHASE

PROPERTY AND EXISTING R/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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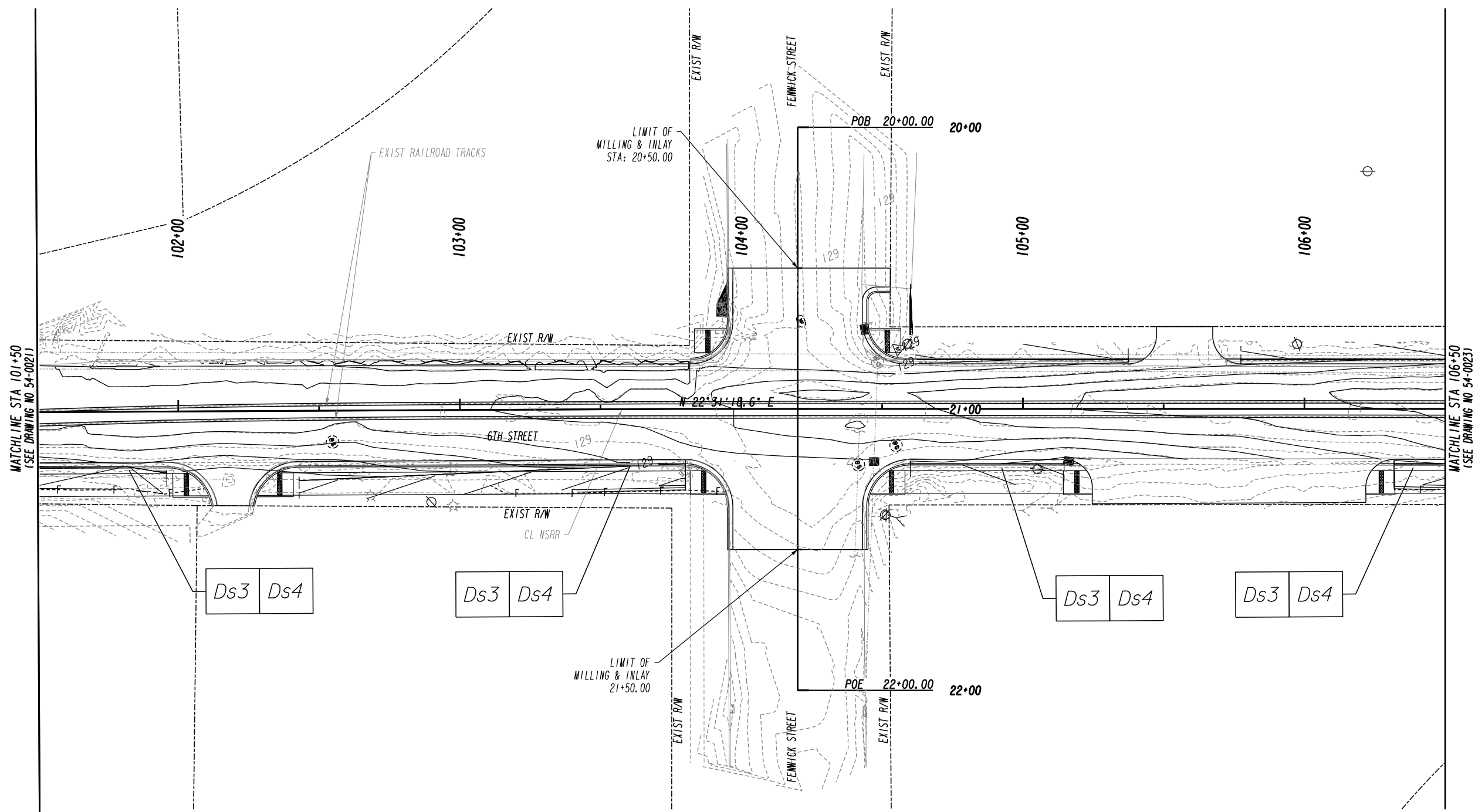
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**BMP LOCATION DETAILS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0021
CORRECTED:	DATE:	
VERIFIED:	DATE:	

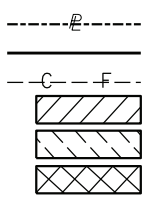


MATCHLINE STA 101+50  
(SEE DRAWING NO 54-0021)

MATCHLINE STA 106+50  
(SEE DRAWING NO 54-0023)

FINAL PHASE

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



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

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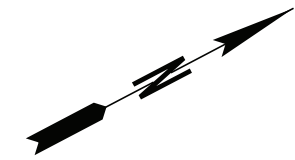
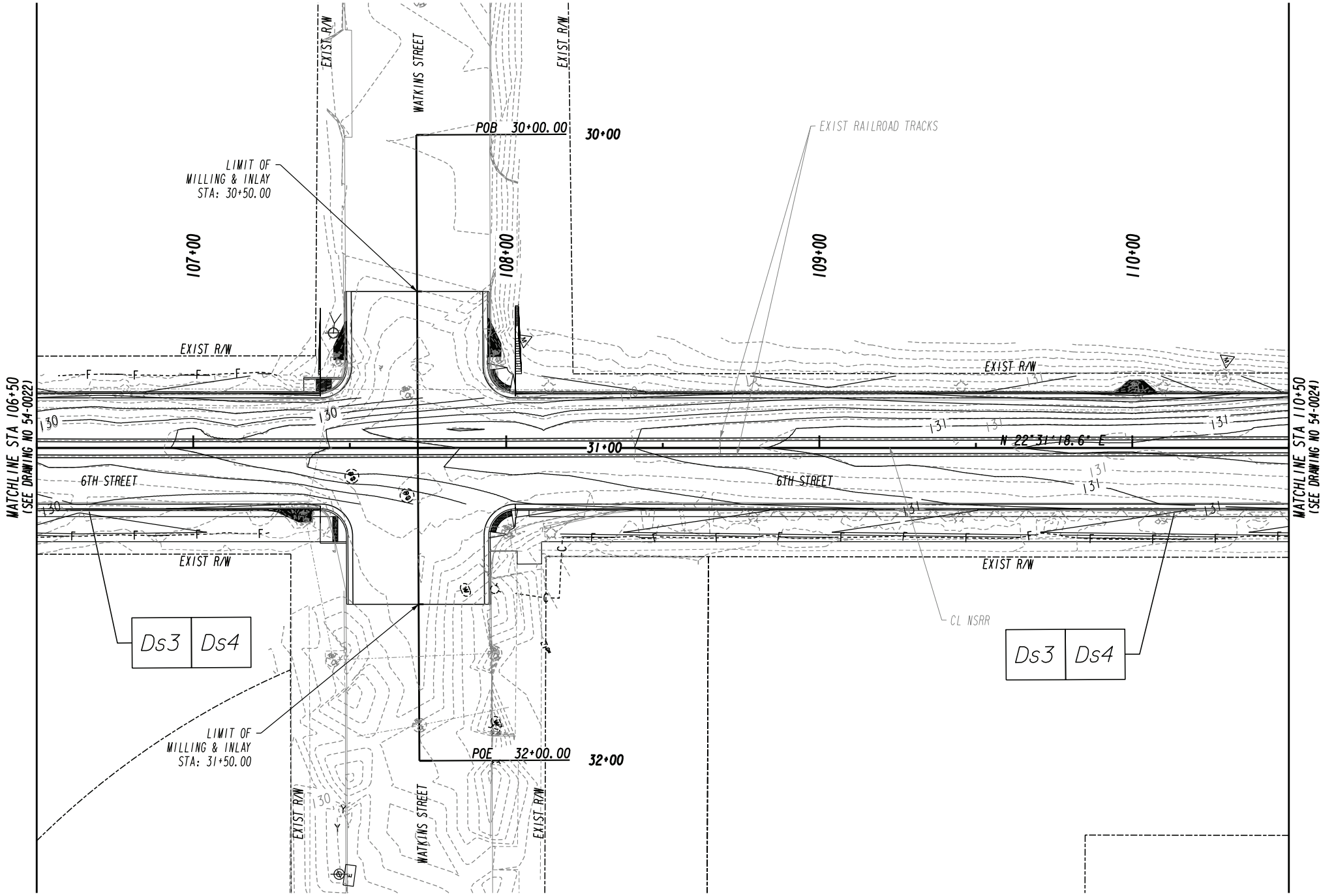


REVISION DATES	

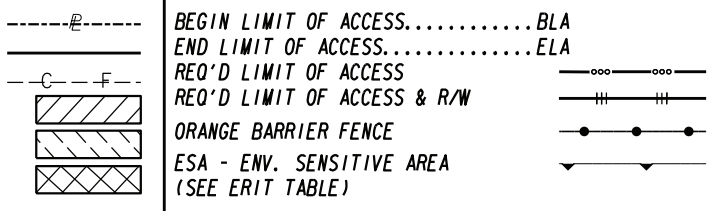
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TAYLOR STREET TO REYNOLDS STREET

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CORRECTED:	DATE:	
VERIFIED:	DATE:	

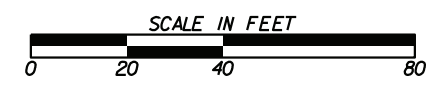




PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
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 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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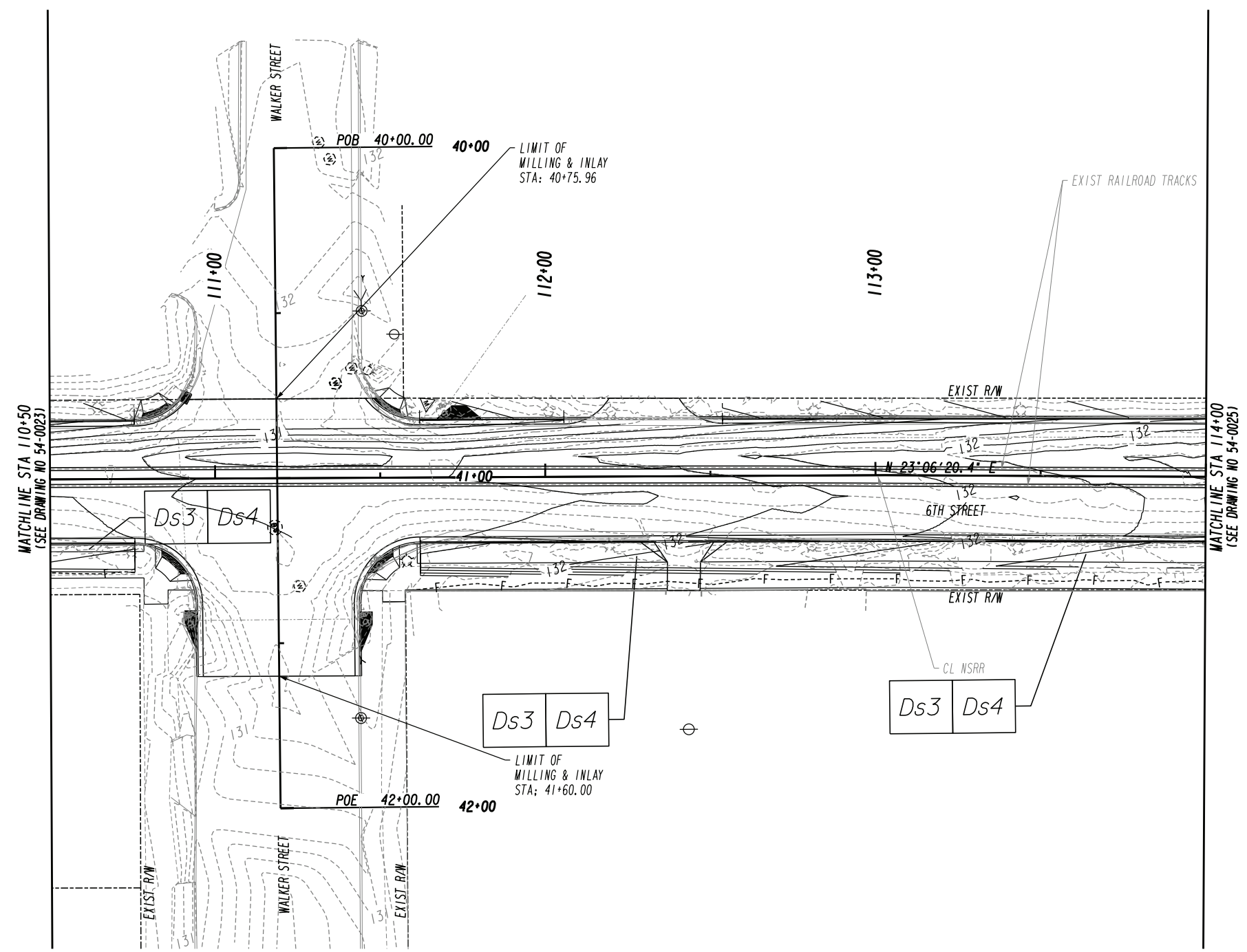


REVISION DATES	

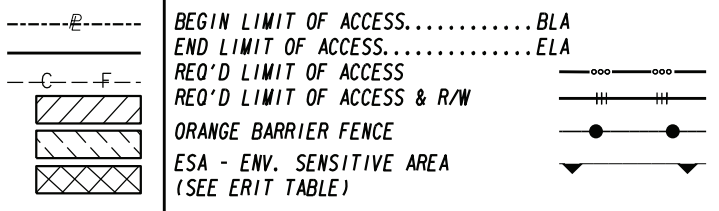
FINAL PHASE

**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

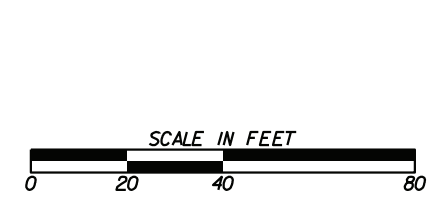
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VERIFIED:	DATE:	



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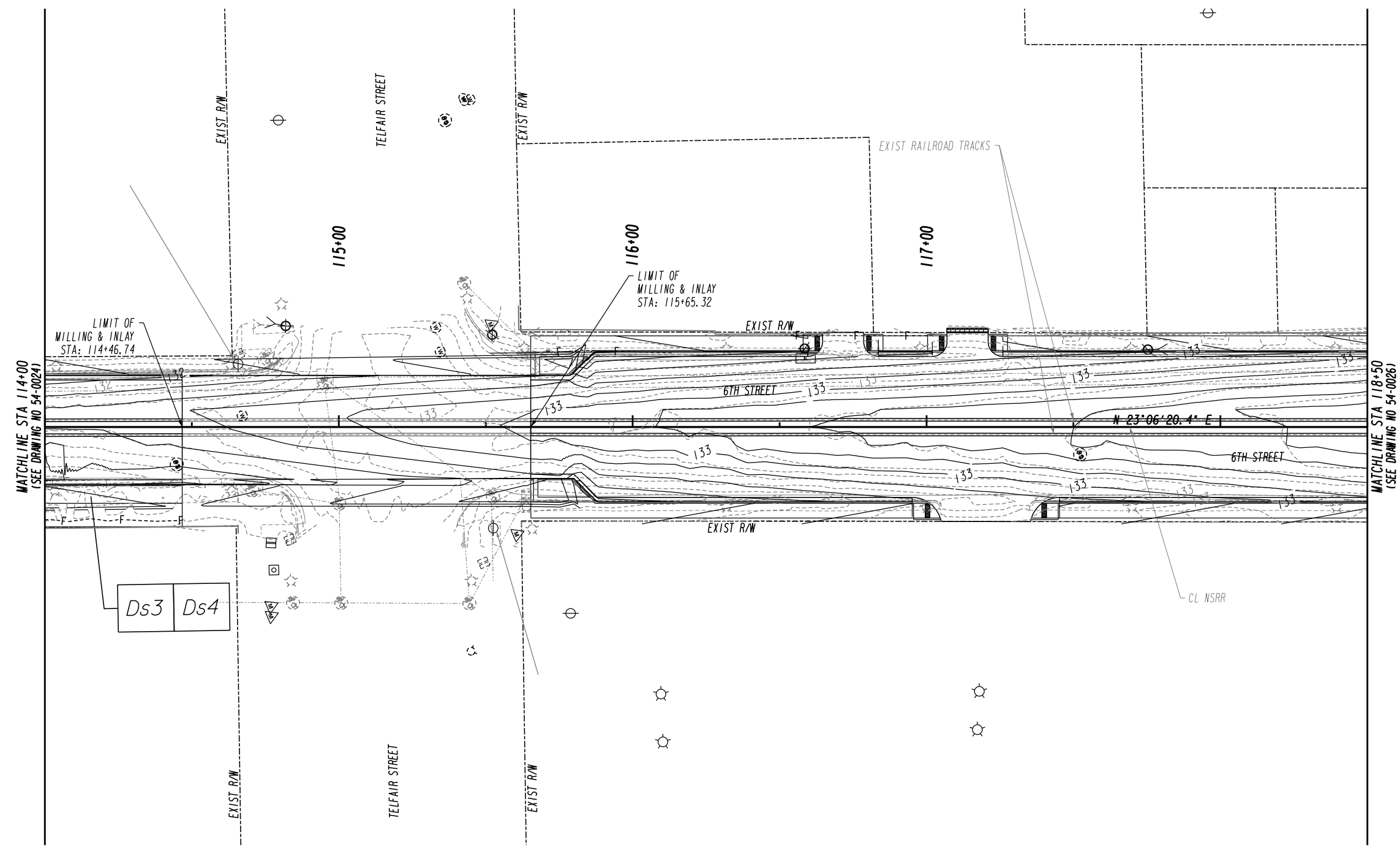


REVISION DATES	

FINAL PHASE

**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
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VERIFIED:	DATE:	

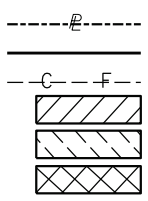


MATCHLINE STA 114+00  
(SEE DRAWING NO 54-0024)

MATCHLINE STA 118+50  
(SEE DRAWING NO 54-0026)

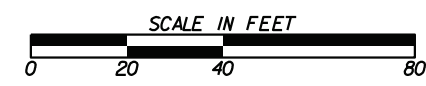
Ds3 Ds4

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



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

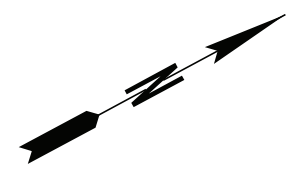
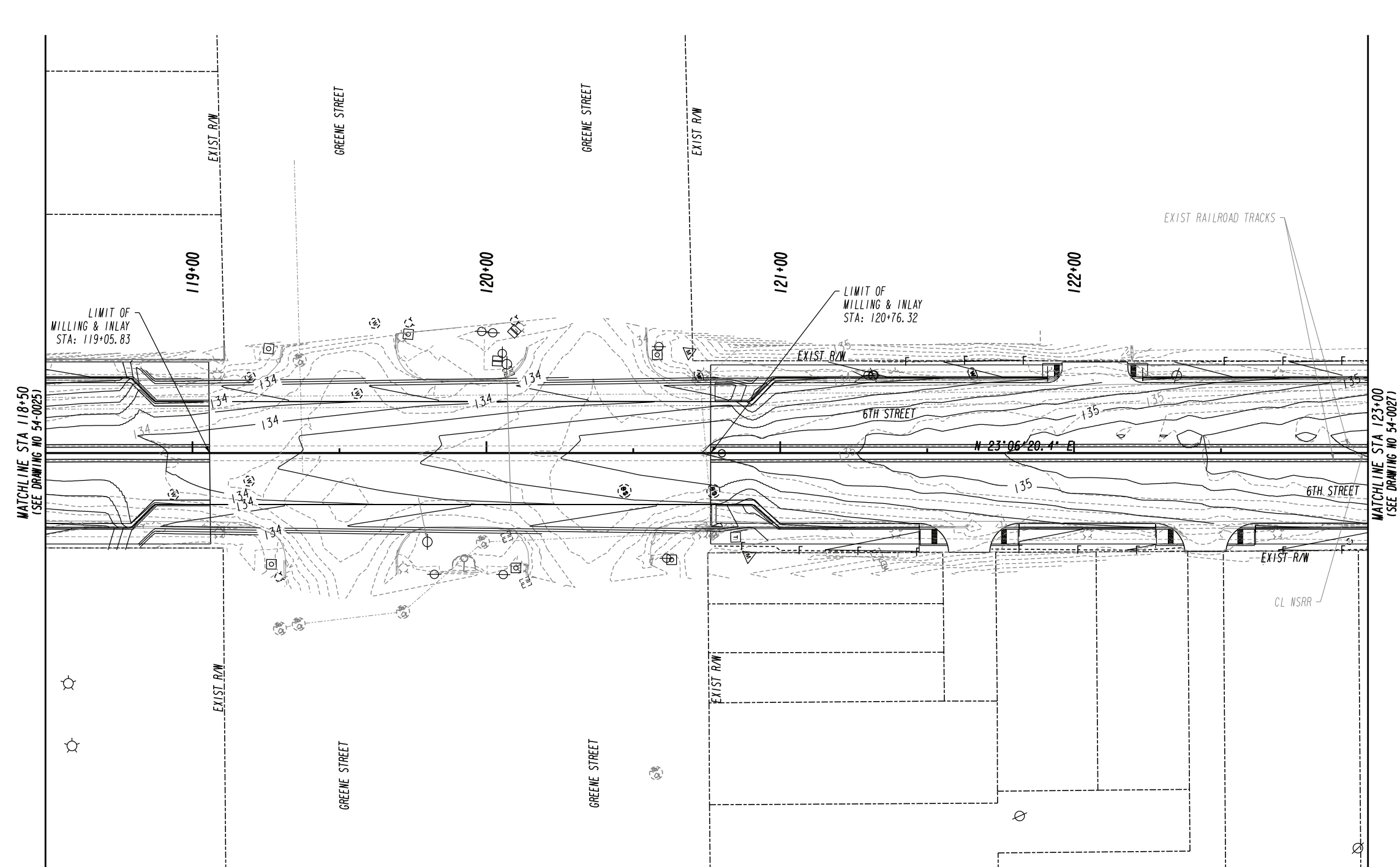
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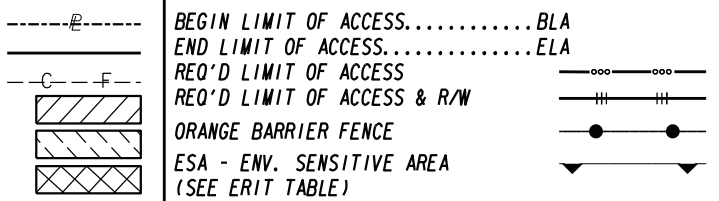
REVISION DATES	

FINAL PHASE  
**BMP LOCATION DETAILS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0025
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



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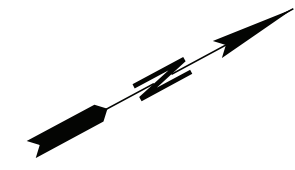
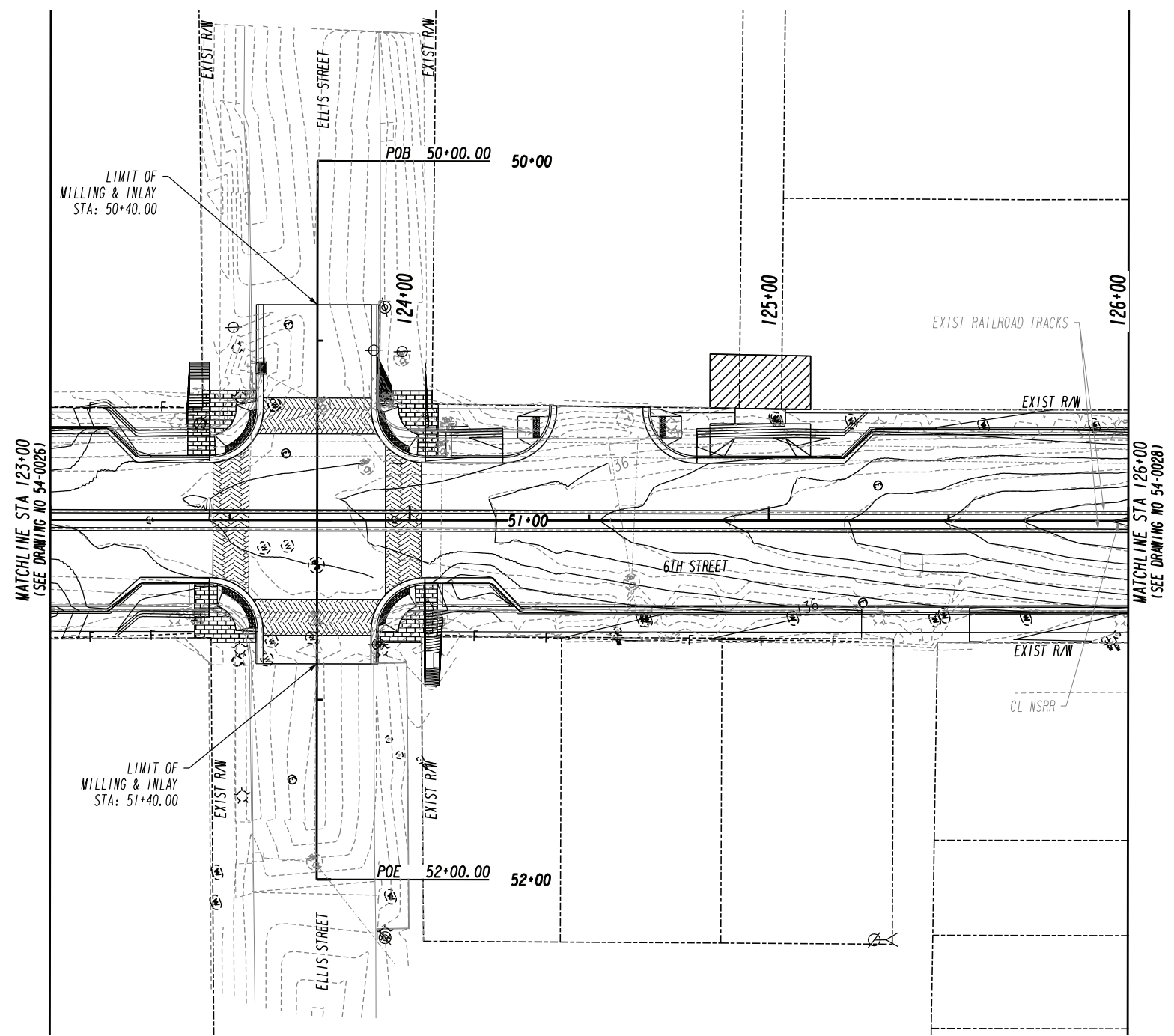


REVISION DATES	

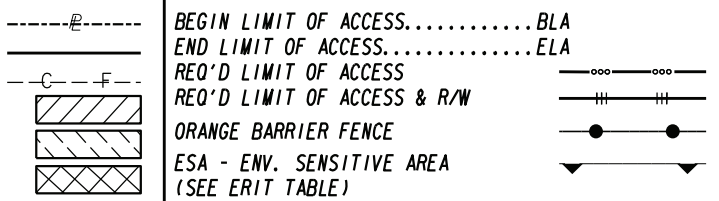
FINAL PHASE  
**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0026
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  
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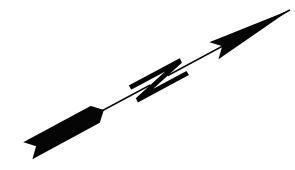
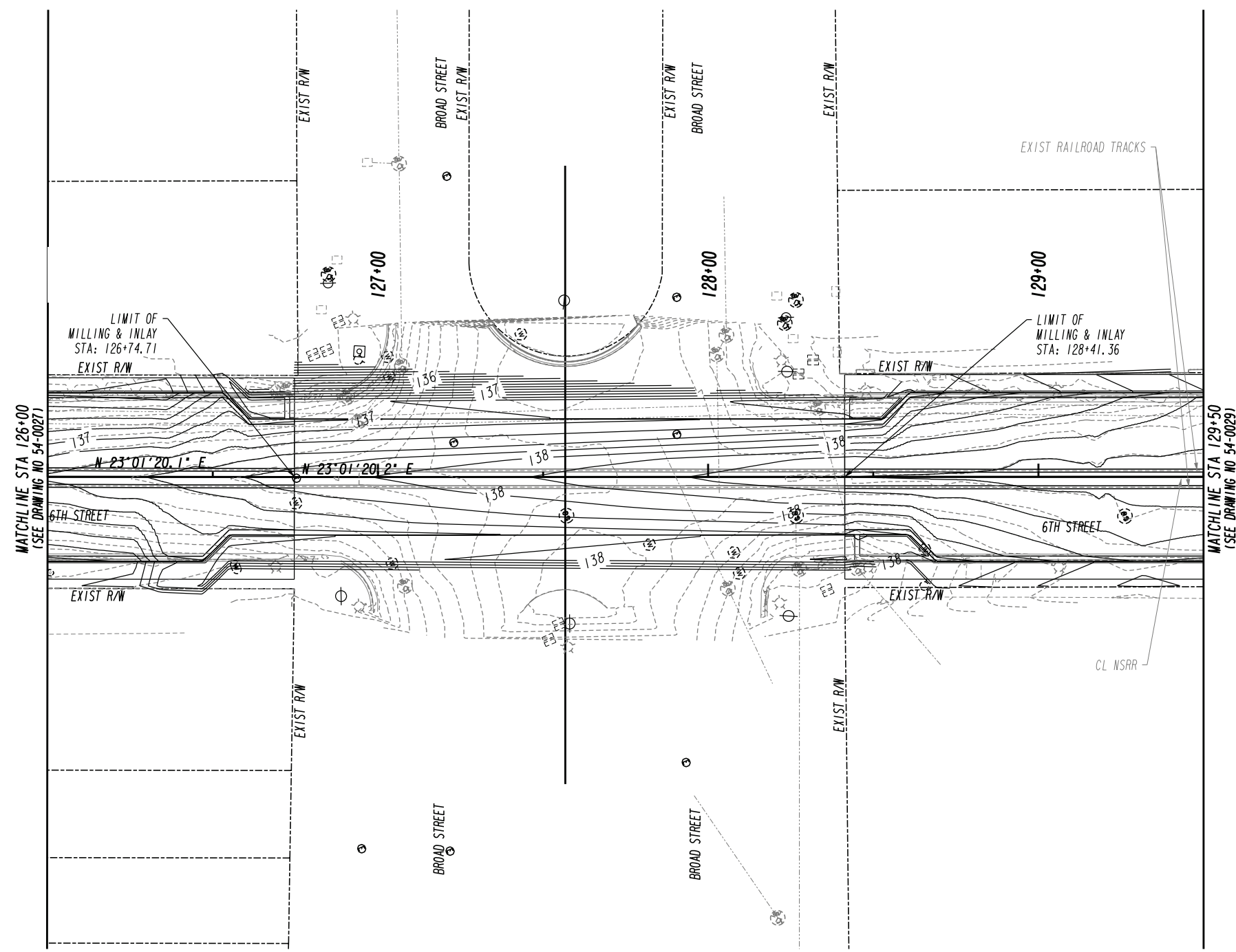
REVISION DATES	

FINAL PHASE

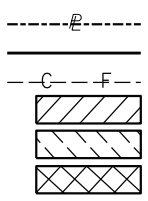
**BMP LOCATION DETAILS**  
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 TAYLOR STREET TO REYNOLDS STREET

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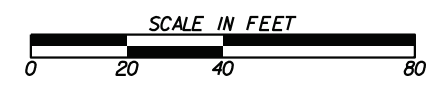


PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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

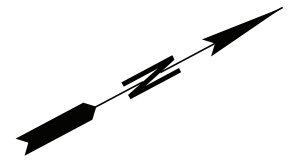
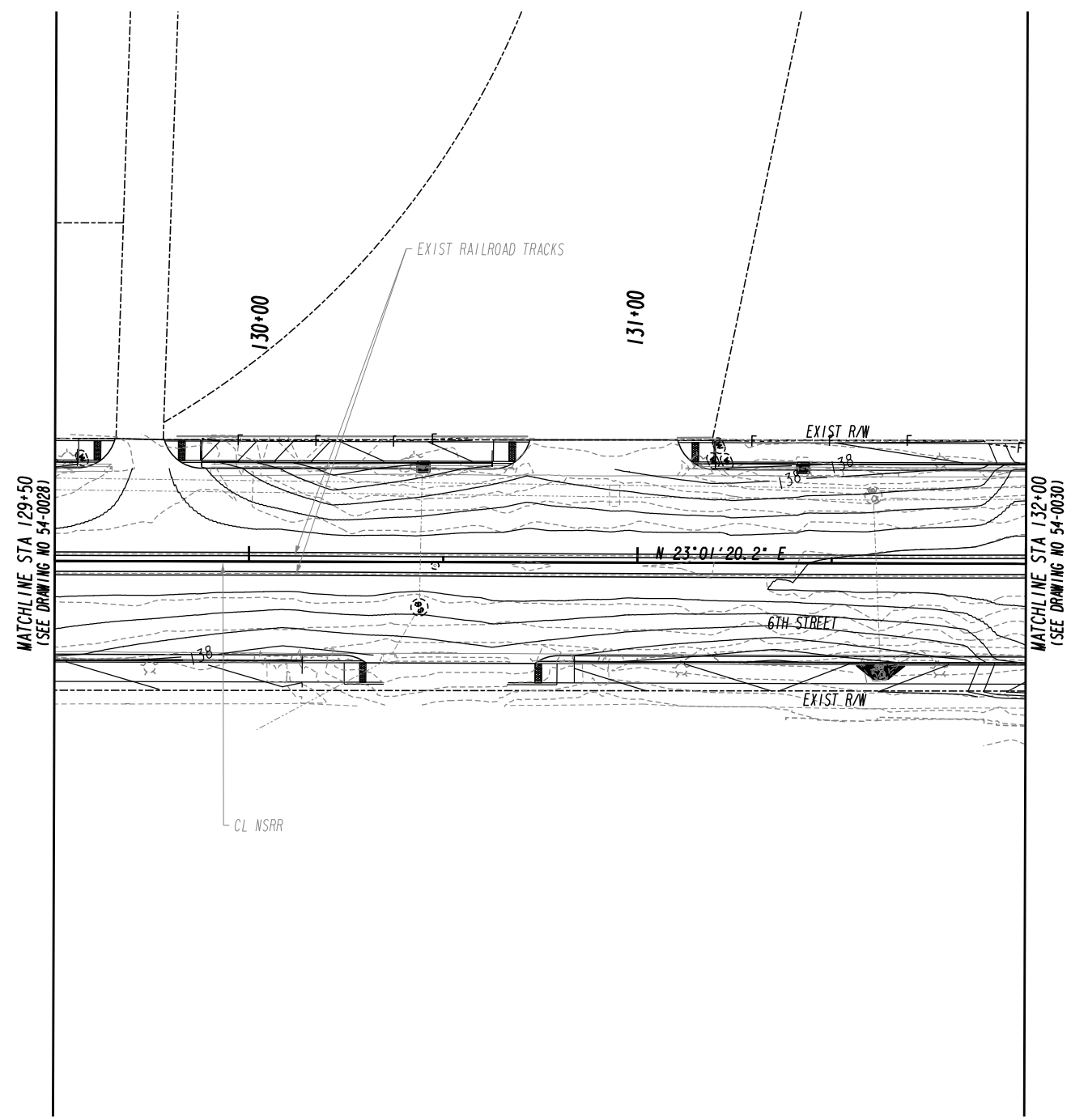
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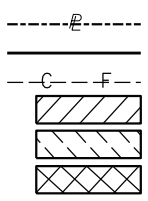
FINAL PHASE  
**BMP LOCATION DETAILS**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No. <b>54-0028</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



FINAL PHASE

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



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

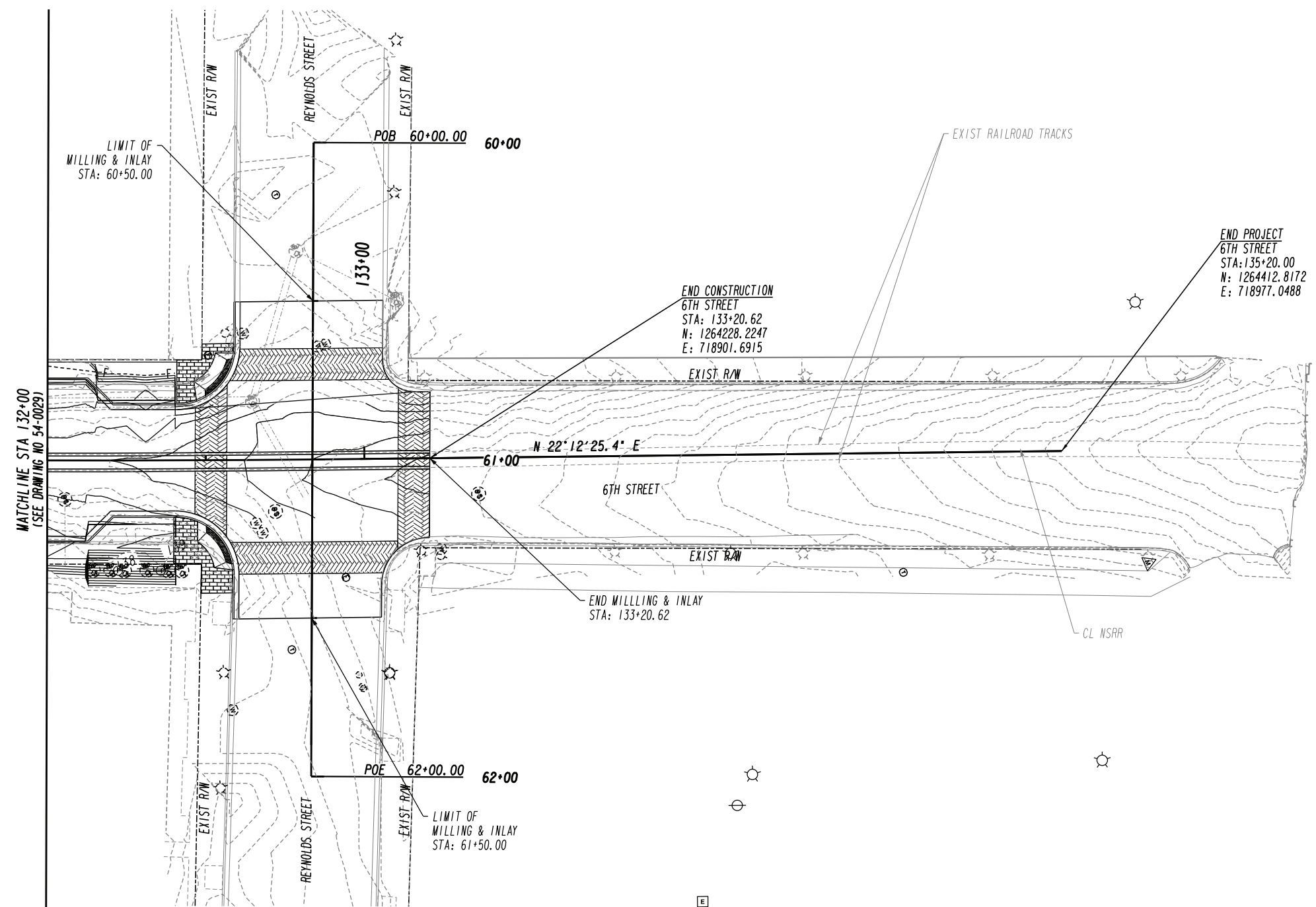
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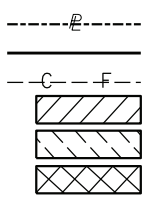
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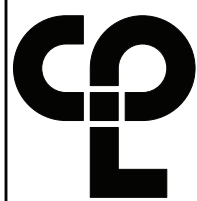


FINAL PHASE

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



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

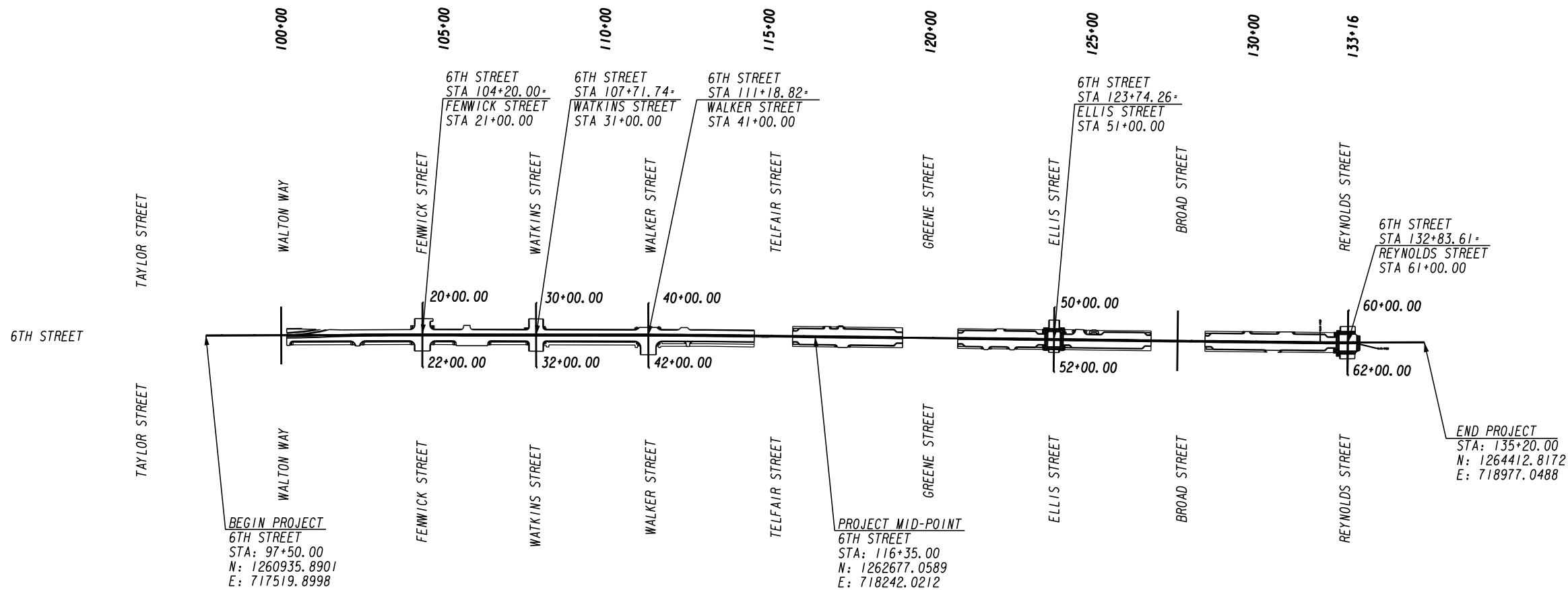
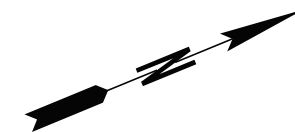


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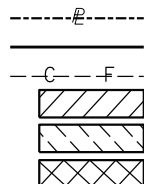


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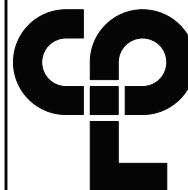
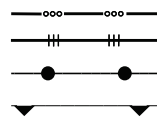
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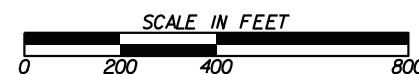
PROPERTY AND EXISTING R/W LINE  
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 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES



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



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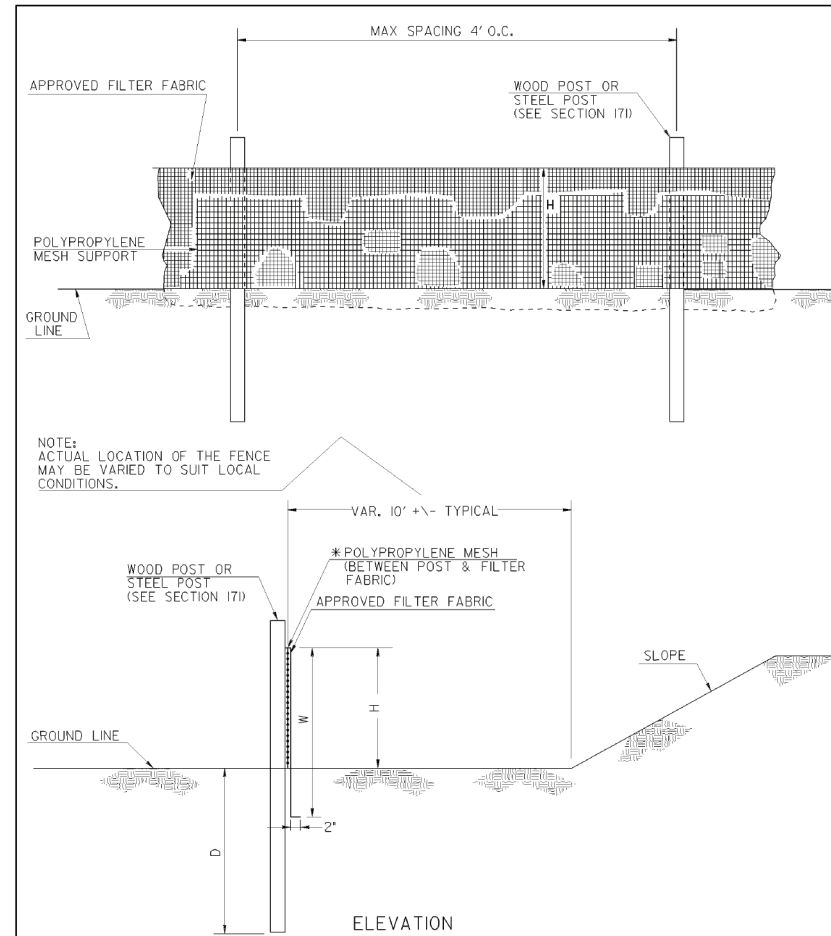
REVISION DATES

NO.	DATE	DESCRIPTION

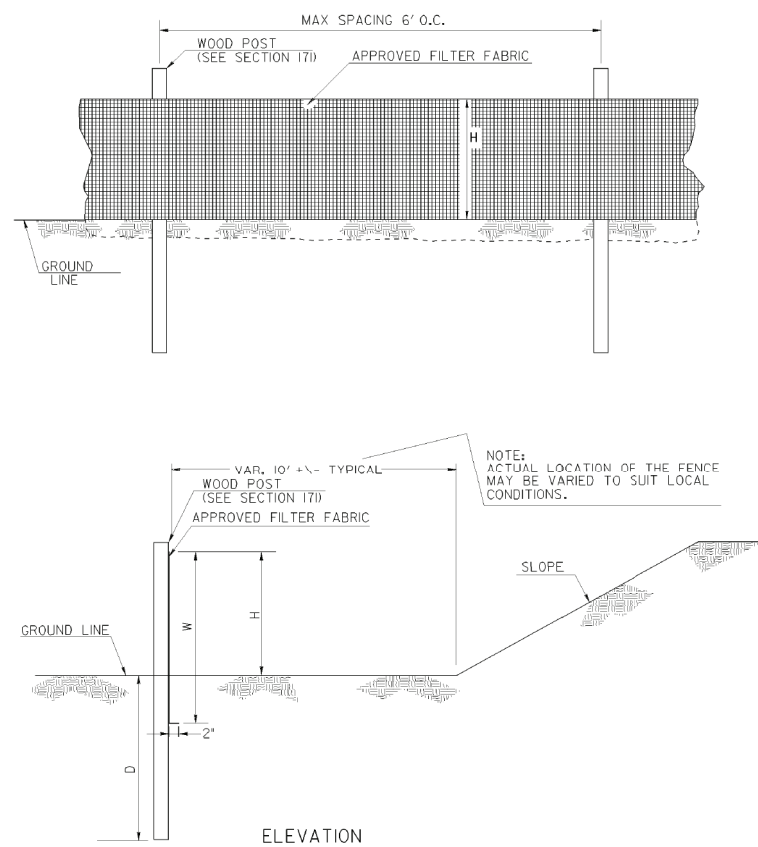
**WATERSHED MAP SITE MONITORING PLAN**  
 6TH STREET IMPROVEMENT  
 TAYLOR STREET TO REYNOLDS STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	55-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

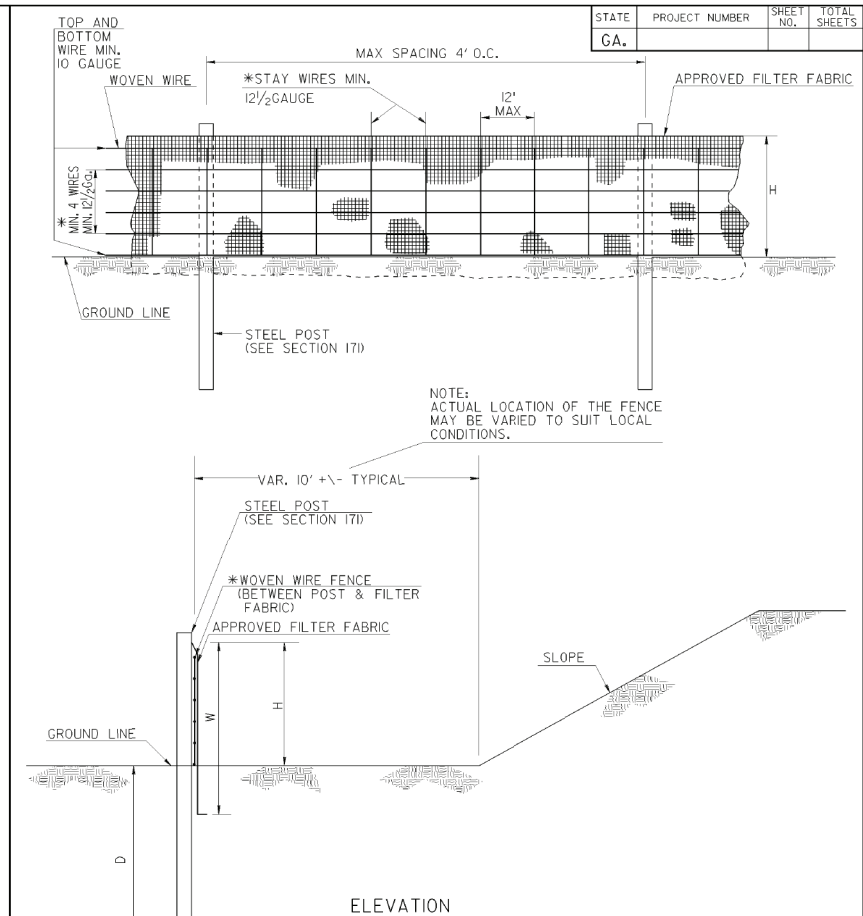
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SINGLE ROW TYPE C SILT FENCE WITH POLYPROPYLENE MESH SUPPORT



SINGLE ROW TYPE A SILT FENCE



SINGLE ROW TYPE C SILT FENCE WITH WOVEN WIRE SUPPORT

FENCE TYPE	POST LENGTH	H	D	W	TYPICAL USES
TYPE "A"	4 FT.	2'-4"	1'-6"	3'-0"	
TYPE "C"	4 FT.	2'-4"	1'-6"	3'-0"	AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D.

NOTES:

1. WIRE STAPLES SHALL BE AT LEAST 17 GAUGE, WITH LEGS AT LEAST 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 694 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.

DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
REVISION	CONSTRUCTION DETAILS TEMPORARY SILT FENCE
BY	NO SCALE REV. AND REDRAWN JAN. 2011
	NUMBER D-24A (SHEET 1 OF 4)

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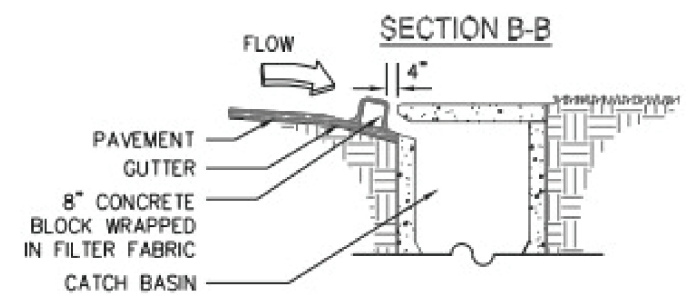
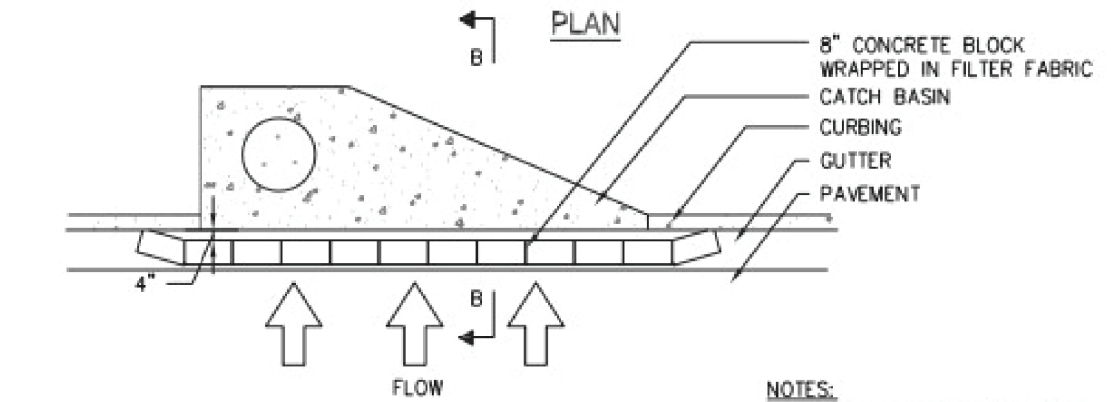
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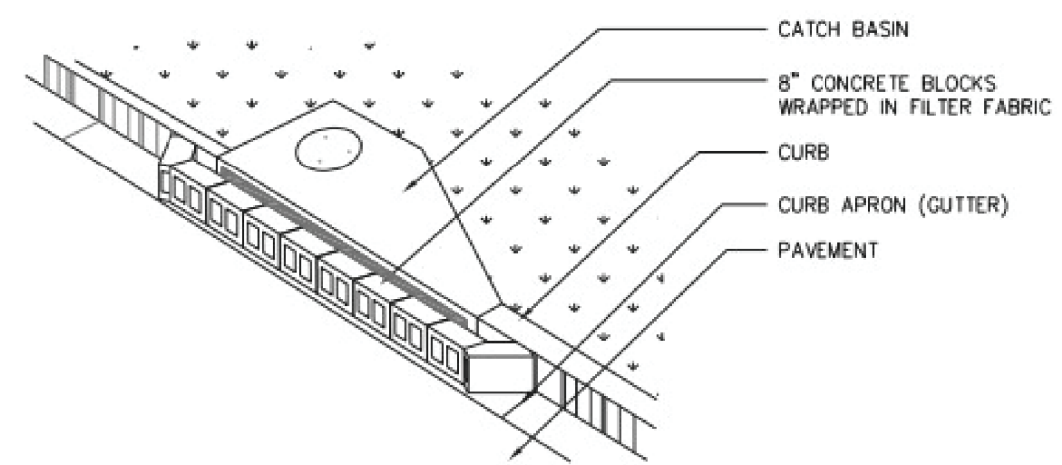
REVISION DATES		EROSION CONTROL CONSTRUCTION DETAILS	
		6TH STREET IMPROVEMENT TAYLOR STREET TO REYNOLDS STREET	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	56-0001	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



**Sd2-P** CURB INLET FILTER "PIGS IN BLANKET"



- NOTES:**
1. INSTALL FILTER AFTER ANY ASPHALT PAVEMENT INSTALLATION.
  2. WRAP 8" CONCRETE BLOCKS IN FILTER FABRIC AND SPAN ACROSS CATCH BASIN INLET.
  3. FACE OPENINGS IN BLOCKS OUTWARD.
  4. LEAVE A GAP OF APPROXIMATELY 4 INCHES BETWEEN THE CURB AND THE FILTERS TO ALLOW FOR OVERFLOW TO PREVENT HAZARDOUS PONDING.
  5. INSTALL OUTLET PROTECTION BELOW STORM DRAIN OUTLETS.



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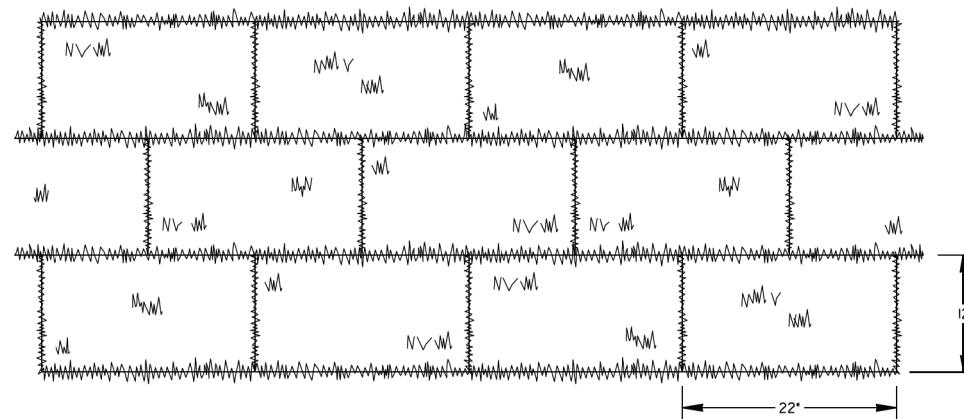
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REVISION DATES		EROSION CONTROL CONSTRUCTION DETAILS	
		6TH STREET IMPROVMENT	
		TAYLOR STREET TO REYNOLDS STREET	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	56-0002	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

**SOD LAYOUT**

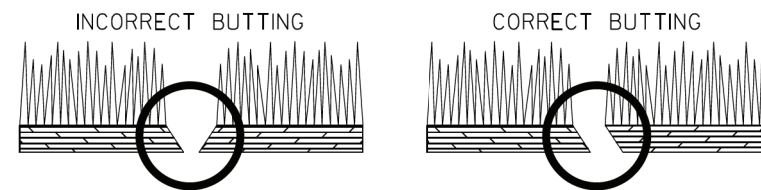


NOTE: SOD MAY BE EITHER 12" WIDE BY 22" LONG BLOCKS OR 2" WIDE BY 52" LONG ROLLS.

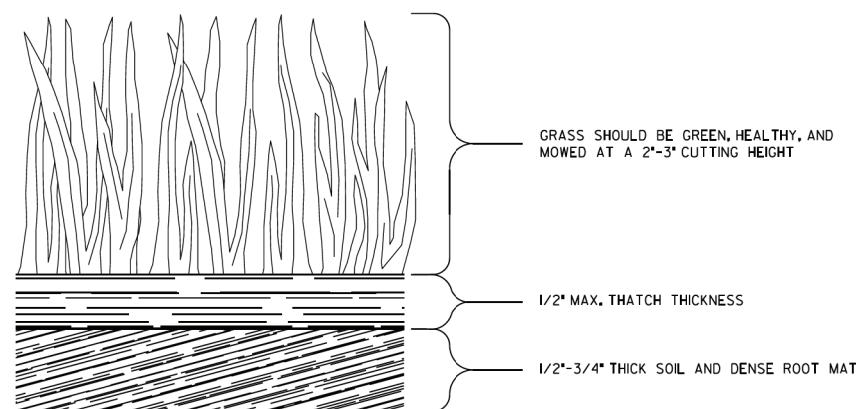
**GENERAL NOTES:**

- SOD SHALL MEET SECTIONS 700 AND 890 OF THE STANDARD SPECIFICATIONS AND SUPPLEMENTS THERETO. SOD SHALL BE CUT INTO 12"Wx22"L BLOCKS OR 2"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	
BY	DESIGNED DRAWN TRACED CHECKED	NO SCALE 4-22-2016 NUMBER D-54

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**REVISION DATES**

NO.	DATE	DESCRIPTION

**EROSION CONTROL CONSTRUCTION DETAILS**  
6TH STREET IMPROVEMENT  
TAYLOR STREET TO REYNOLDS STREET

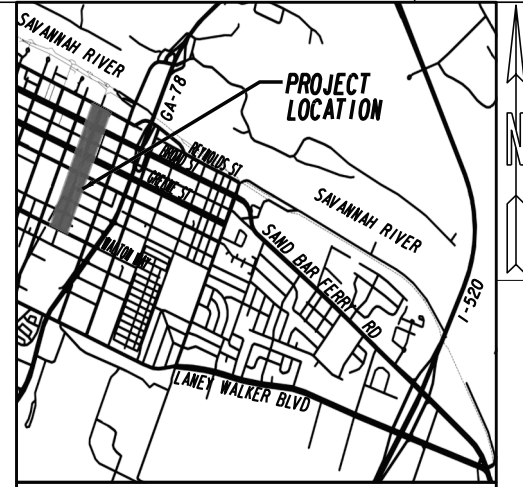
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	56-0003
CORRECTED:	DATE:	
VERIFIED:	DATE:	

# AUGUSTA ENGINEERING DEPARTMENT CITY OF AUGUSTA

## RIGHT OF WAY OF PROPOSED 6TH STREET IMPROVEMENT TAYLOR STREET TO REYNOLDS STREET

TIA PROJECT NUMBER:  
RC07-001220  
(PI#0011421)

CONVENTIONAL SIGNS	
LAND LOT LINE	.....
PROPERTY LINE	-----
RIGHT OF WAY LINE	EXISTING.....
	REQUIRED.....
	EXISTING LIMIT OF ACCESS.....
	REQD LIMIT OF ACCESS.....
	EXISTING LIMIT OF ACCESS & R/W.....
REQD LIMIT OF ACCESS & R/W.....	
R/W MARKERS.....	⊠
FENCE.....	—x—x—

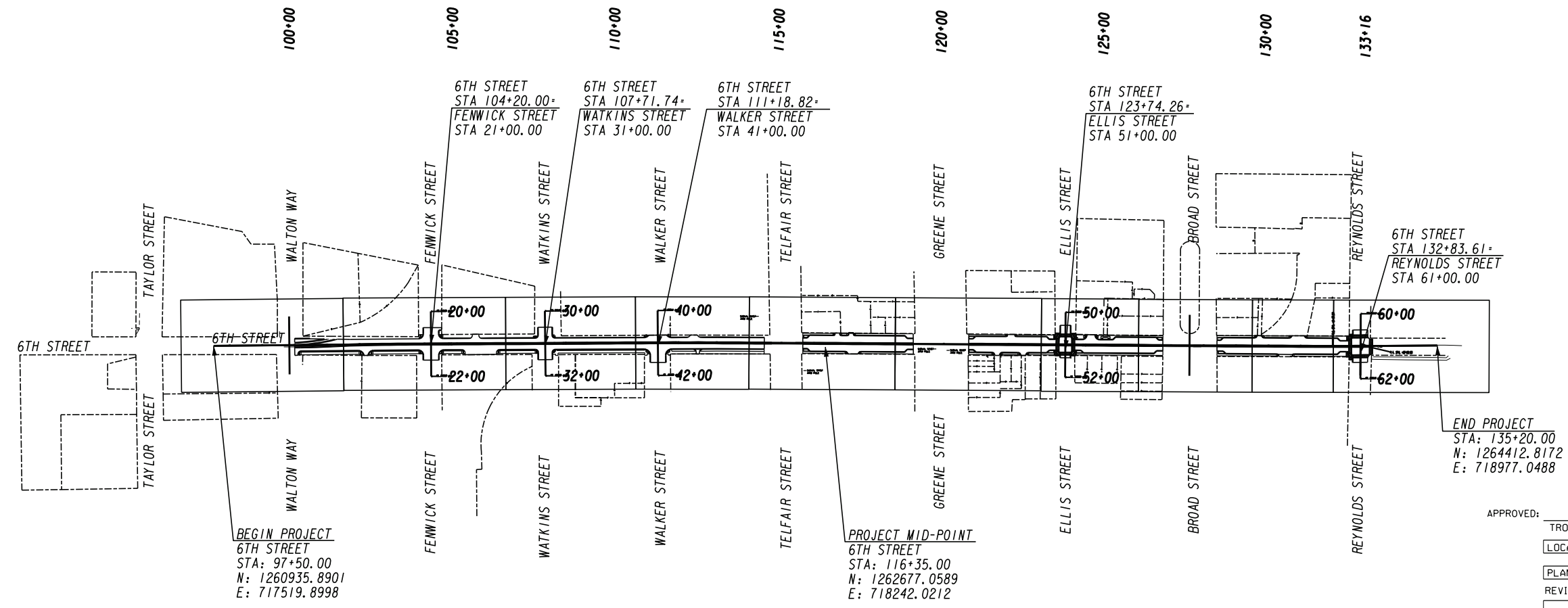
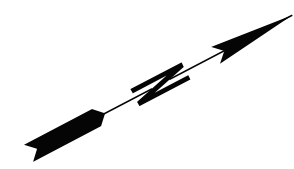


**LOCATION SKETCH**

NOTE: THE CO-ORDINATES LISTED ARE WEST ZONE  
GRID CO-ORDINATES BASED ON THE GA. STATE PLANE  
CO-ORDINATE SYSTEM OF 1984.  
HORIZONTAL DATUM : NAD 83/94 HARN  
VERTICAL DATUM : NAVD 1988

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PLANS PREPARED BY \_\_\_\_\_

UNDER THE SUPERVISION OF \_\_\_\_\_

OFFICE OF \_\_\_\_\_ DESIGN

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
TROY D. BYERS STATE RIGHT OF WAY ADMINISTRATOR

LOCATION AND DESIGN APPROVAL DATE: \_\_\_\_\_

PLANS COMPLETED DATE: \_\_\_\_\_

REVISIONS:


LENGTH OF RIGHT OF WAY PROJECT	COUNTY NO. 245
	MILES
NET LENGTH OF RIGHT OF WAY	0.714
NET LENGTH OF BRIDGES	0.000
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF RIGHT OF WAY	0.714

THIS PROJECT IS LOCATED 100% IN RICHMOND COUNTY AND CONGRESSIONAL DISTRICT NO.12.

PROJECT NUMBER 0011421  
RICHMOND COUNTY

DRAWING No.  
60-0001