

ADDENDUM NO 2
2023-11
ENGLISH/AARON ROAD CONSTRUCTION

The following changes to Bid Documents

Bid Form

1. Updated Bid form to correct pay items 120-1 and 120-6 quantities in the bidding documents.
2. Updated Contract Site Plans.

**COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
COLUMBIA COUNTY PROJECT NUMBER 2023-11**

ENGLISH/AARON ROAD CONSTRUCTION

Pay Item No.	Pay Item Description	Quantity	Units	Unit Price	Total Cost
101-1	Mobilization	1	LS		
101-2	Maintenance of Traffic	1	LS		
104-10-3	Sediment Barrier	1464	LF		
110-1-1	Clearing & Grubbing	12.74	AC		
110-7-1	Mailbox, F&I, Single	21	EA		
120-1	Regular Excavation	9551	CY		
120-4	Subsoil Excavation	6000	CY		
120-6	Embankment	3987	CY		
160-4	Type B Stabilization	34953	SY		
285 706	Optional Base Group 06	23305	SY		
286-1	Turnout Construction	2080	SY		
334-1-12	Superpave Asphalt Concrete, Traffic B	3276.2	TN		
430-174-115	Pipe Culvert, Optional Material, 15" SD	1132	LF		
430-982-129	Pipe Culvert, Optional Material, 18" S/CD	146	LF		
430-982-123	Mitered End Section, Opt, 18" CD	6	EA		
430-984-123	Mitered End Section, Opt Round, 15" SD	64	EA		
570-1-1	Performance Turf, Seed & Mulch	31867	SY		
570-1-2	Performance Turf, Sod	7858	SY		
700-1-11	Single Post Sign (Less than 12 SF)	25	EA		
700-1-60	Single Post Sign Remove	9	EA		
700-13-15	Retroreflective Pavement Markings	3	EA		
706-3	Retro Reflective Pavement Markers	231	EA		
710-90	Painted Pavement Markings		LS		
GRAND TOTAL					

ALL ITEMS MAY BE INCREASED, DECREASED, OR OMITTED AS DIRECTED BY THE ENGINEER.

ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO BOTH THE REQUIREMENTS OF THE LATEST FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST FDOT DESIGN STANDARDS.

**ALL INCIDENTAL WORK INCLUDED IN THESE ITEMS
ALL UNIT PRICE AND TOTAL SPACES MUST BE FILLED IN TO CORRELATE WITH EACH ITEM**

Contractors shall be in compliance with chapter 489, Florida statutes, licensure requirements.

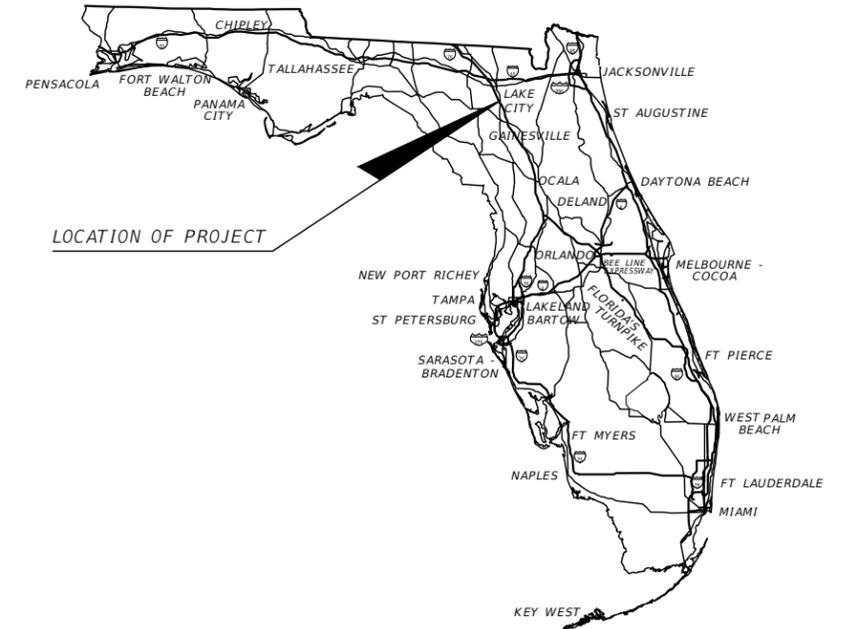
COMPONENTS OF CONTRACT PLANS SET
ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS

CONTRACT PLANS

ENGLISH STREET AND LM AARON DRIVE

COLUMBIA COUNTY, FLORIDA
COUNTY PROJECT NO. 2023 - 11

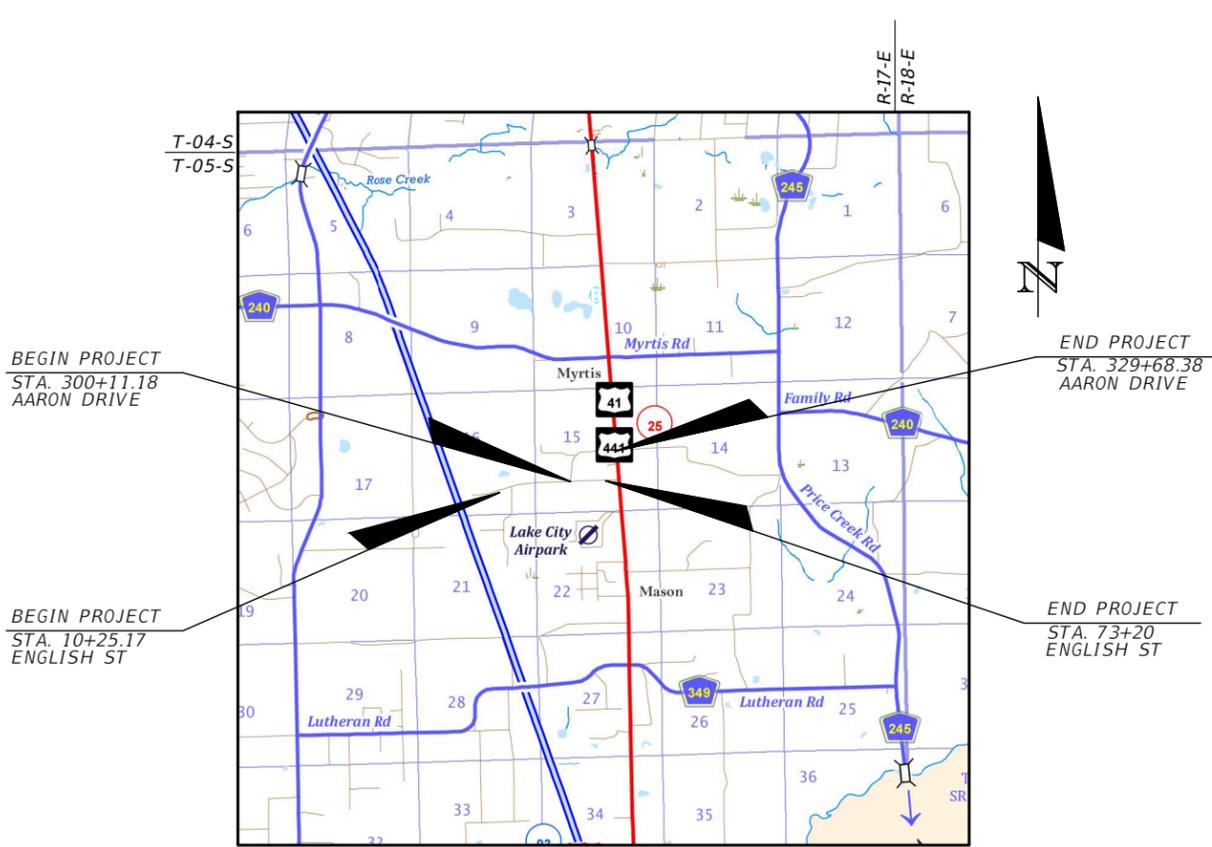
ROADWAY PLANS



A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	TYPICAL SECTIONS
5 - 6	TURNOUT DETAILS
7	PROJECT CONTROL
8	PROJECT NOTES
9	MITERED END SECTION PAYMENT DETAIL
10 - 27	PLAN AND PROFILE SHEETS
28 - 48	ROADWAY CROSS SECTIONS ENGLISH ST
49 - 58	ROADWAY CROSS SECTION LM AARON
59	SPECIAL DETAILS
60	STORMWATER POLLUTION PREVENTION PLAN
61 - 62	TEMPORARY TRAFFIC CONTROL PLAN
SQ1 - SQ5	SUMMARY OF QUANTITIES



GOVERNING CRITERIA:

Florida Department of Transportation, Manual of Uniform Minimum Standards for Design, Construction, and Maintenance for Streets and Highways 2018 Edition.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2022/23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

Standard Plans for Bridge Construction are included in the Structures Plans Component.

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, JULY., 2023 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

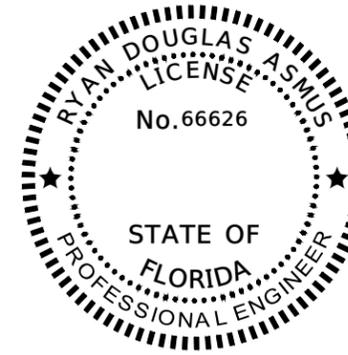
1.19 MILES ENGLISH
0.56 MILES AARON

THESE PLANS WERE PREPARED FOR
THE COLUMBIA COUNTY BOARD OF
COUNTY COMMISSIONERS.

ROADWAY PLANS
ENGINEER OF RECORD: RYAN DOUGLAS ASMUS
P.E. LICENSE NUMBER 66626
NORTH FLORIDA PROFESSIONAL SERVICES
P.O. BOX 3823
LAKE CITY, FL 32056

FISCAL YEAR	SHEET NO.
23	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED IN THE ELECTRONIC DOCUMENTS.

RYAN DOUGLAS ASMUS, P.E. NO. 66626
 NORTH FLORIDA PROFESSIONAL SERVICES INC.
 P.O. BOX 3823
 LAKE CITY, FL 32056

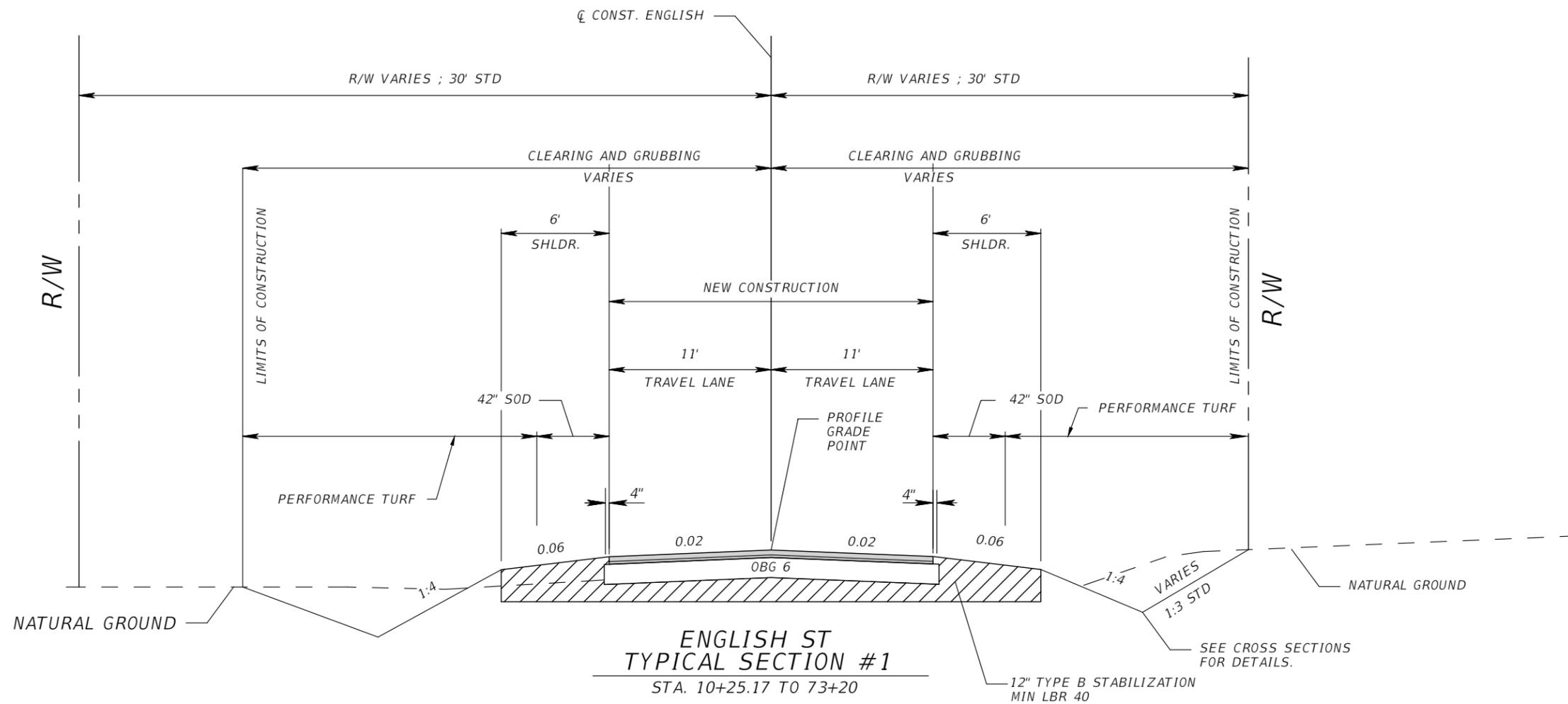
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
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61 - 62	TEMPORARY TRAFFIC CONTROL PLAN
SQ1 - SQ5	SUMMARY OF QUANTITIES

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REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		2
					ENGLISH ST.	COLUMBIA			



**ENGLISH ST
TYPICAL SECTION #1**

STA. 10+25.17 TO 73+20

NEW CONSTRUCTION

OPTIONAL BASE GROUP 06 WITH
TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC B), (1.5")
AND TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B), (1")

SEE CROSS SECTIONS
FOR DETAILS.

12" TYPE B STABILIZATION
MIN LBR 40

1. THIS ROAD IS CLASSIFIED AS A LOW VOLUME, MINOR COLLECTOR. ESTIMATED 2022 ADT = 222
2. DEPTH AND WIDTH OF DITCH VARIES. SEE CROSS SECTIONS.
3. DESIGN SPEED = 40 MPH
4. CLEAR ZONE = 7'

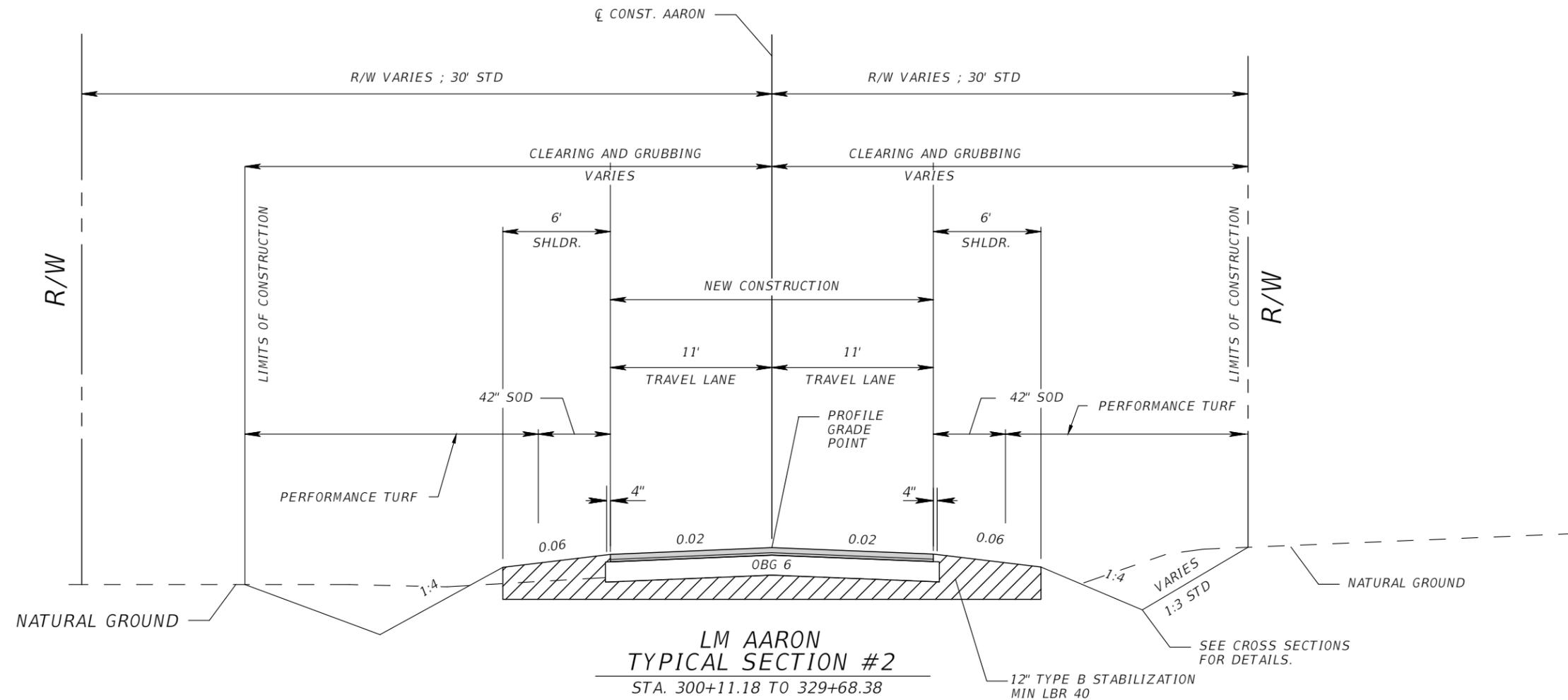
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RYAN DOUGLAS ASMUS
P.E. LICENSE NUMBER 66626
NFPS
P.O. BOX 3823
LAKE CITY, FLORIDA 32056
CERTIFICATE OF AUTHORIZATION 29011

COLUMBIA COUNTY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ENGLISH ST.	COLUMBIA	

TYPICAL SECTIONS

SHEET NO.
3



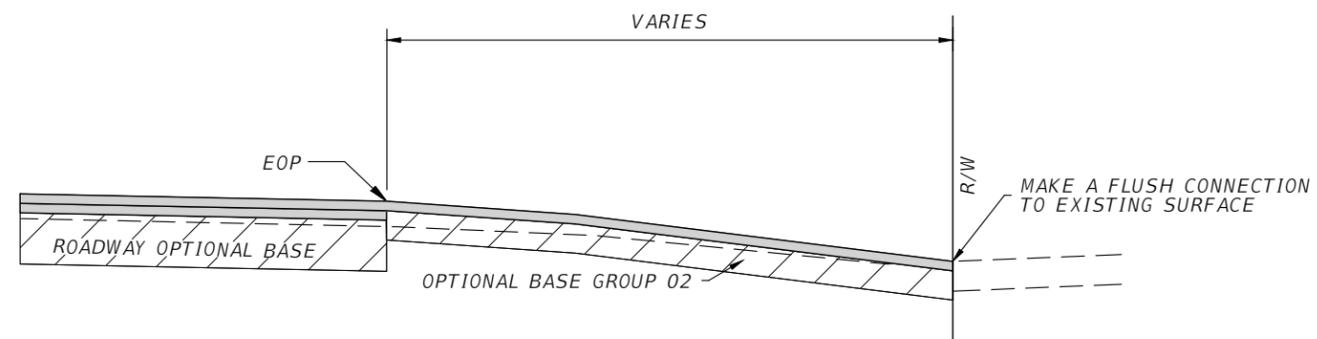
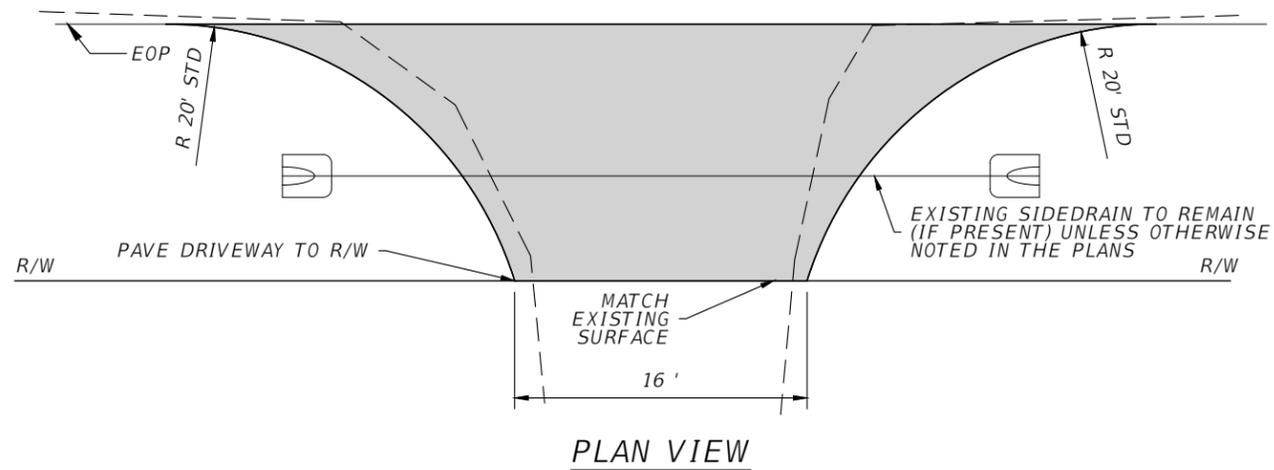
**LM AARON
TYPICAL SECTION #2**
STA. 300+11.18 TO 329+68.38

NEW CONSTRUCTION
OPTIONAL BASE GROUP 06 WITH
TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC B), (1.5")
AND TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B), (1")

SEE CROSS SECTIONS
FOR DETAILS.

1. THIS ROAD IS CLASSIFIED AS A LOW VOLUME, MINOR COLLECTOR. ESTIMATED 2022 ADT = 222
2. DESIGN SPEED = 40 MPH
3. DEPTH AND WIDTH OF DITCH VARIES. SEE CROSS SECTIONS.
4. CLEAR ZONE = 7'

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID	



SECTION VIEW
 OPTIONAL BASE GROUP 02 WITH
 TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B), (1")

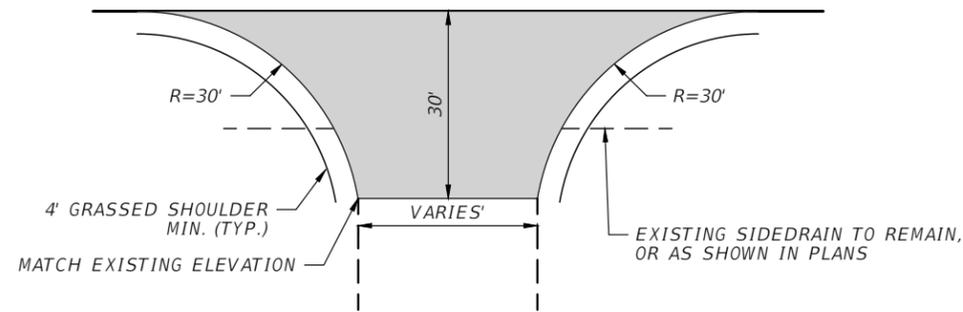
1
5 TURNOUT FOR EXISTING UNPAVED DRIVEWAYS

NOTES:
 1. ALL MATERIAL AND WORK DONE TO COMPLETE TURNOUT IS TO BE PAID FOR AS TURNOUT CONSTRUCTION EXCEPT ASPHALT.

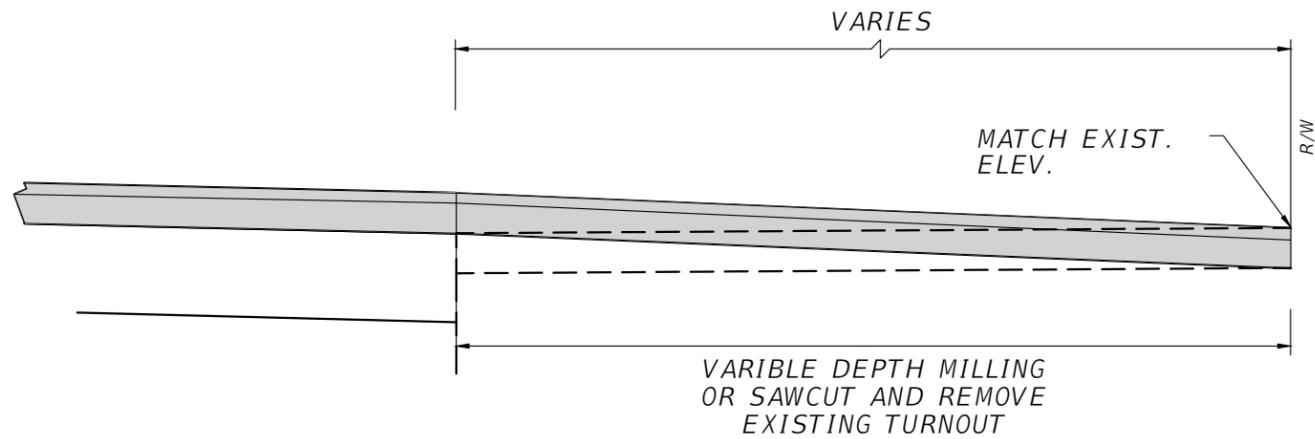
REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID	

TURNOUT DETAILS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PLAN VIEW



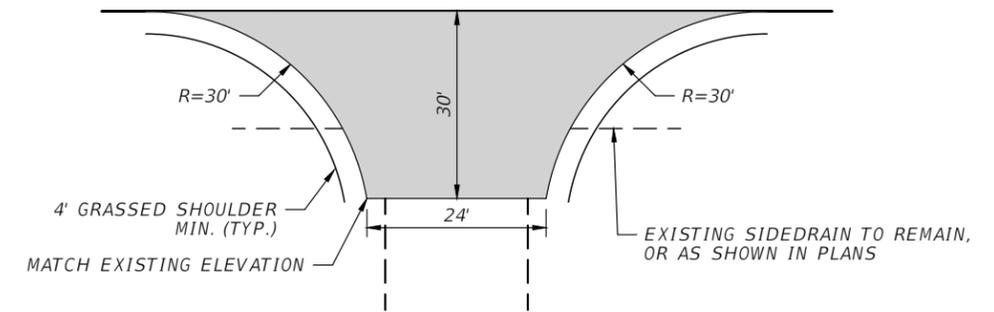
SECTION VIEW

TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC B), (1.5")
AND TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B), (1")

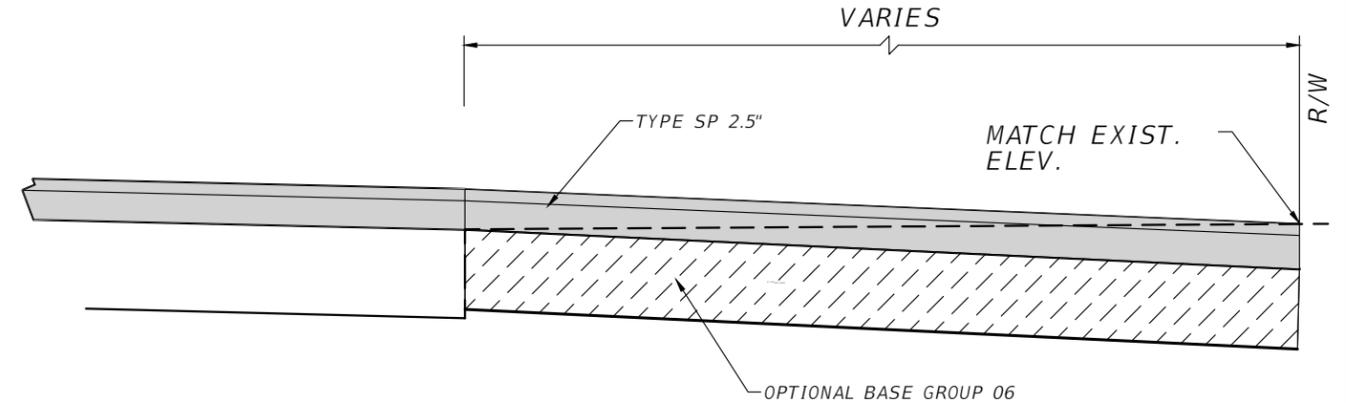
1
6 PAVED CONNECTION TO
EXISTING PAVED PUBLIC ROADS
(NTS)

NOTES:

1. ALL MATERIAL AND WORK DONE TO COMPLETE TURNOUT IS TO BE PAID FOR UNDER TURNOUT CONSTRUCTION EXCEPT ASPHALT.



PLAN VIEW



SECTION VIEW

OPTIONAL BASE GROUP 06 WITH
TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC B), (1.5")
AND TYPE SP 9.5 STRUCTURAL COURSE (TRAFFIC B), (1")

2
6 PAVED CONNECTION TO
EXISTING UNPAVED PUBLIC ROADS
(NTS)

NOTES:

1. ALL MATERIAL AND WORK DONE TO COMPLETE TURNOUT IS TO BE PAID FOR UNDER TURNOUT CONSTRUCTION; EXCEPT ASPHALT.

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID	

TURNOUT DETAILS

ROAD NAME: ENGLISH ST					
COUNTY: COLUMBIA					
NFPS PROJECT: L210406CCB					
COORDINATE DATA					
ALIGNMENT	CURVENUMBER	CONTROLPOINT	STATION	COORDINATES	
				NORTH	EAST
CL ENGLISH		POB	10+25.17	386537.206	25637063719
CL ENGLISH	C-1	PC	12+26.84	386569.868	2563912.050
CL ENGLISH	C-1	PI	15+31.77	386585.249	2564216.590
CL ENGLISH	C-1	PT	18+32.46	386686.608	2564504.178
CL ENGLISH	C-2	PC	22+72.14	386832.760	2564918.856
CL ENGLISH	C-2	PI	30+31.24	387085.088	2565634.791
CL ENGLISH	C-2	PT	37+78.84	387113.557	2566393.357
CL ENGLISH		POE	73+20.00	387231.292	25699053279

ROAD NAME: AARON DR					
COUNTY: COLUMBIA					
NFPS PROJECT: L210406CCB					
COORDINATE DATA					
ALIGNMENT	CURVENUMBER	CONTROLPOINT	STATION	COORDINATES	
				NORTH	EAST
CL AARON		POB	300+00.00	387169.307	2567878.79
CL AARON		PC	302+82.57	387449.045	2567918.72
CL AARON		PT	306+82.57	387846.578	2567962.45
CL AARON		PC	309+05.21	388068.550	2567979.65
CL AARON		PT	311+12.50	388253.848	2568063.03
CL AARON		PC	312+36.56	388343.054	2568149.24
CL AARON		PT	314+72.95	388440.029	2568358.96
CL AARON		PI	321+21.26	388481.339	2569005.95
CL AARON		POE	329+86.09	388508.648	2569858.893

AARON ST CONTROL					
STA.	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
		388510.6670	2569903.3880	156.473	GPS 16
323+54.42	-2.0667	388490.8660	2569238.9280	158.973	TRAV
318+47.14	12.8061	388451.0920	2568733.1990	161.406	TRAV
313+35.71	-7.6094	388409.3320	2568224.4020	164.548	TRAV
309+19.18	-29.8380	388086.1390	2567951.4470	165.800	TRAV

ENGLISH ST CONTROL					
STA.	OFFSET	NORTHING	EASTING	ELEVATION	DESCRIPTION
73+14.27	41.6609	387204.5200	2569927.8650	157.140	TRAV
52+39.34	6.9484	387161.3890	2567853.0930	160.818	TRAV
46+15.40	6.6919	387138.2450	2567229.5860	168.389	TRAV
38+75.19	8.0465	387109.1300	2566489.9410	168.824	TRAV

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY		PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		FINANCIAL PROJECT ID
				ENGLISH ST.	COLUMBIA			

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.

2. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AS SET FORTH BY THE ISSUED SUWANNEE RIVER WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE PERMIT AND THE FDEP PERMIT. THE CONTRACTOR SHALL SUBMIT A NOTICE OF CONSTRUCTION COMMENCEMENT TO THE WATER MANAGEMENT DISTRICT AND DEP AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.

3. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.

4. TOPOGRAPHICAL INFORMATION SHOWN, WAS OBTAINED FROM A SURVEY PREPARED BY NFPS.

5. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS DESTROYED THE CONTRACTOR SHALL HAVE IT REPLACED AT HIS EXPENSE BY A PROFESSIONAL SURVEYOR.

6. THE SITE IS LOCATED IN SECTION 15 & 16, TOWNSHIP 5 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.

7. THE CONTRACTOR SHALL IMPLEMENT ALL COMPONENTS OF HIS EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO ANY EARTH DISTURBING ACTIVITIES. ALL COMPONENTS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL VEGETATION IS ESTABLISHED, THE ENTIRE PROJECT AREA IS STABILIZED AND THE OWNER HAS ACCEPTED OPERATION AND MAINTENANCE.

8. ALL SLOPES 3:1 SHALL BE SODDED AND SLOPES STEEPER THAN 3:1 SHALL BE STAPLED SOD.

9. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS. FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 70 PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.

10. EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, UNLESS OTHERWISE NOTED IN THE PLANS.

11. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT AREAS. CONTRACTOR SHALL CONTACT 811 OR 1-800-432-4770 AT LEAST 2 BUSINESS DAYS BEFORE BEGINNING CONSTRUCTION.

SUNSHINE ONE CALL DESIGN TICKET # 188105766, 188105812

CONTACT PHONE NUMBERS:

CLAY ELETRIC COOPERATIVE, INC. (352)-473-8000
 AT&T FL MOB. (904)-727-1568
 AT&T (407)-578-8000

12. IF UNSUITABLE MATERIAL IS ENCOUNTERED DURING GRADING, CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL TO A DEPTH OF 24" BELOW BOTTOM OF BASE WITHIN THE CONSTRUCTION LIMITS.

13. NO WORK SHALL BE PERFORMED ON SUNDAY OR COUNTY RECOGNIZED HOLIDAY WITHOUT A WRITTEN APPROVAL FROM THE COUNTY ENGINEER

14. THE CONTRACTOR SHALL SUBMIT A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NOTICE OF INTENT ALONG WITH SUPPORTING DOCUMENTATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMIT FEES.

15. CONTRACTOR SHALL MAINTAIN MAILBOXES DURING CONSTRUCTION. MAILBOXES SHALL BE RELOCATED AS NECESSARY.

16. THERE ARE R/W CONSTRAINTS ON THIS PROJECT CORRIDOR THAT REQUIRE BEST-FIT GEOMETRICS FOR THE ROADSIDE DITCHES. SEE CROSS SECTIONS FOR DETAILS.

17. INSTALL OFFSET STAKES ON EACH SIDE OF THE ROADWAY WITH THE OFFSET FOOTAGE FROM EDGE OF PAVEMENT MARKED ON THE STAKE WITH THE CENTERLINE AND/OR EDGE OF PAVEMENT PROFILE GRADE MARKED ON THE STAKE SO A STRING LINE CAN BE PULLED TRANSVERSE ACROSS THE ROADWAY TO CHECK GRADES ON THE STABILIZED SUBGRADE AND BASE. COST TO BE INCLUDED IN 101-1.

PAY ITEM NOTES

102-1 INCLUDES THE COST OF ANY TEMPORARY WIDENING (USING RAP) FOR CROSS DRAIN CONSTRUCTION. SEE SHEET 62.

104-1-03 - SEDIMENT BARRIER - INCLUDES SYNTHETIC BALES, STAKED SILT FENCE, AND OTHER ITEMS NECESSARY TO MINIMIZE EROSION AND PREVENT SEDIMENT FROM LEAVING THE PROJECT LIMITS AND/OR ENTERING INLETS & CULVERTS. QUANTITY IS ESTIMATED, AND WILL BE PLACED ACCORDING TO THE CONTRACTORS APPROVED EROSION CONTROL PLAN.

120-4 - SUBSOIL EXCAVATION - INCLUDES REMOVAL OF UNSUITABLE MATERIAL 24" DEEP, IN ACCORDANCE WITH FDOT STD PLAN 120-002. SUBSOIL IS AN ESTIMATED QUANTITY. FINAL PAYMENT WILL BE BASED ON CROSS SECTIONS TAKEN DURING CONSTRUCTION.

0160-4 - TYPE B STABILIZATION - CONSISTS OF STABILIZING DESIGNATED PORTIONS OF THE ROADBED TO PROVIDE A FIRM AND UNYIELDING SUBGRADE. STABILIZING MATERIAL CAN BE OBTAINED FROM EXISTING BASE MATERIAL, OR FROM COMMERCIAL AND LOCAL MATERIALS.

0286-1 - TURNOUT CONSTRUCTION - INCLUDES THE EXCAVATION, COMPACTION OF SUBGRADE, BASE MATERIAL, BASE CONSTRUCTION, AND SPECIFICALLY DOES NOT INCLUDE ASPHALT PAVING.

0570-1-1 - PERFORMANCE TURF - INCLUDES DRESSING SHOULDERS; AND ALL SEED AND MULCHING REQUIRED FOR PROJECT. CONTRACTOR SHALL MAINTAIN ANY AREAS OF EROSION. CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING AS NEEDED.

0700-1-11 - SINGLE POST SIGN, F&I LESS THAN 12 SF - INCLUDES FURNISHING AND INSTALLING OF TWO STREET NAME PANELS FOR EACH R1-1 STOP SIGN LOCATION.

0710-90 - PAINTED PAVEMENT MARKINGS - INCLUDES TEMPORARY PAVEMENT MARKINGS TO BE PLACED ON THE FINISHED SURFACE COURSE; TO FUNCTION UNTIL THE THERMOPLASTIC MARKINGS ARE PUT DOWN.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

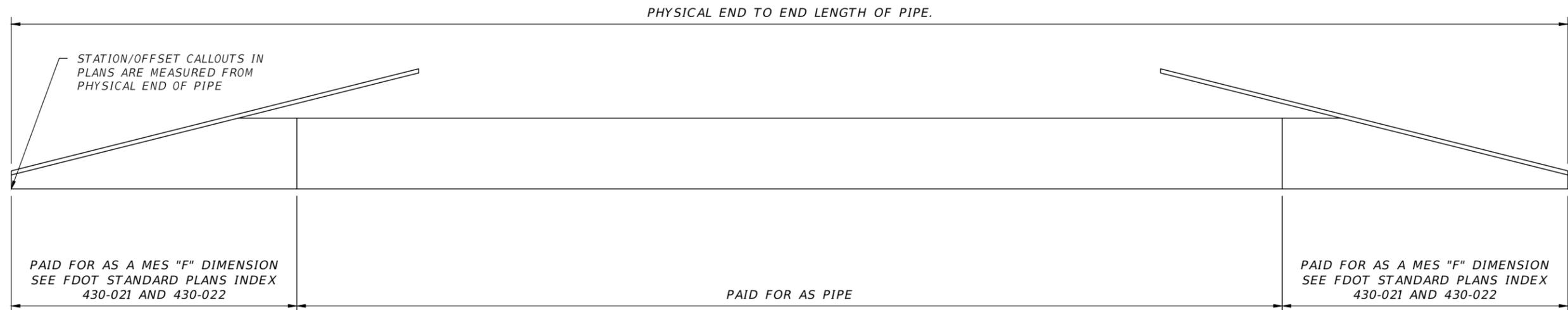
RYAN DOUGLAS ASMUS
 P.E. LICENSE NUMBER 66626
 NFPS
 P.O. BOX 3823
 LAKE CITY, FLORIDA 32056
 CERTIFICATE OF AUTHORIZATION 29011

COLUMBIA COUNTY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ENGLISH ST.	COLUMBIA	

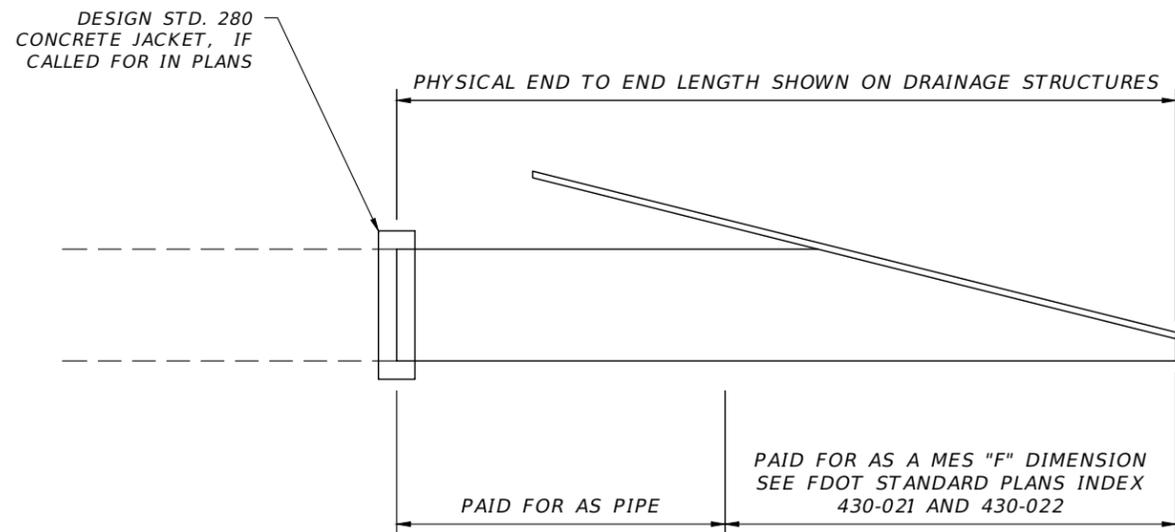
PROJECT NOTES

SHEET NO.
8

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



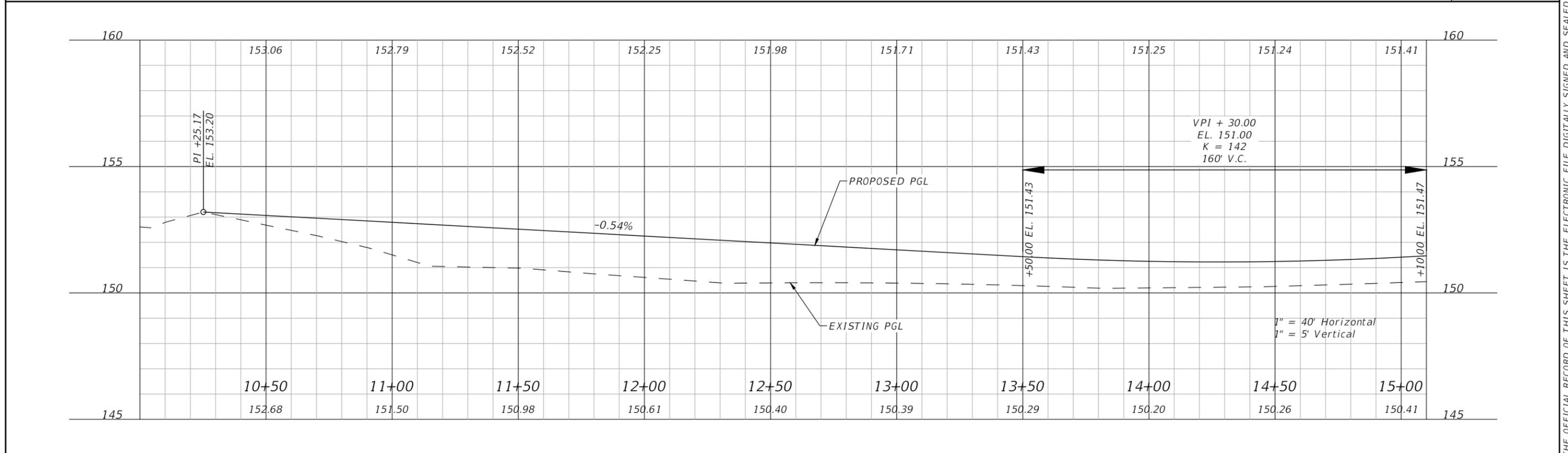
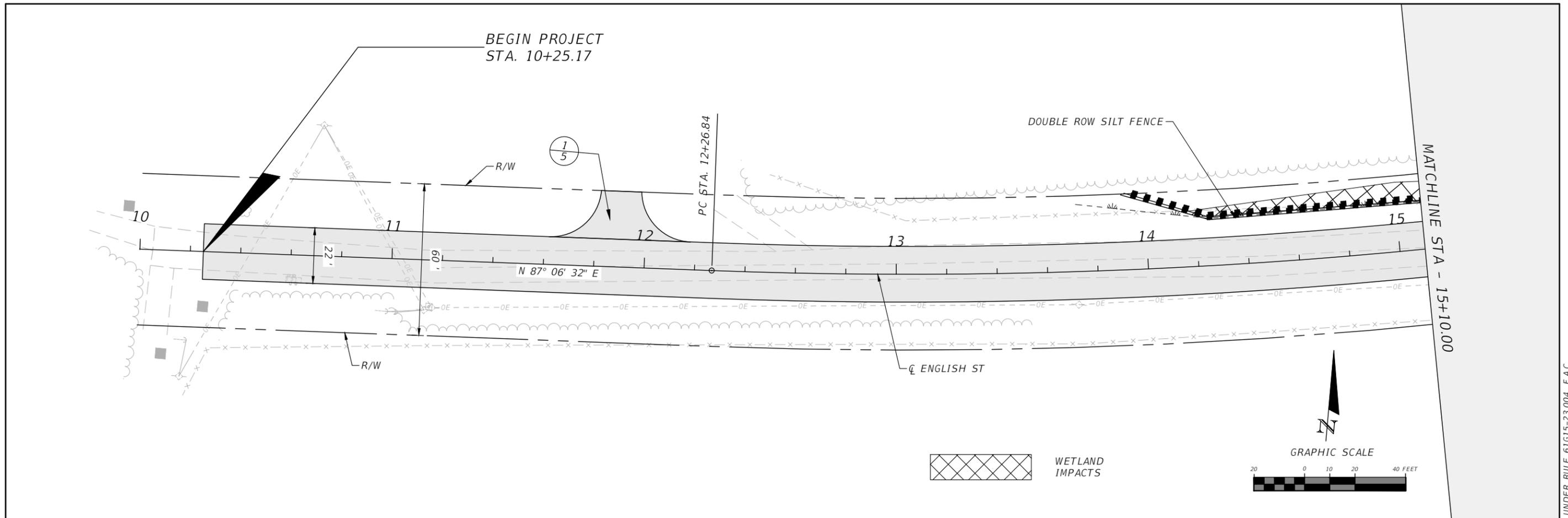
NEW PIPE INSTALLATIONS



PIPE LENGTHS SHOWN ABOVE ARE BASED ON THE METHOD OF PAYMENT DESCRIBED IN FDOT STANDARD PLANS INDEX 430-021 AND 430-022, WHICH DEDUCTS THE "F" DIMENSION. THE "F" PORTION IS TO BE PAID FOR AS A MITERED END SECTION. THE PHYSICAL END-TO-END DIMENSION IS SHOWN ON THE DRAINAGE STRUCTURE. "F" DIMENSION IS BASED ON PIPE TYPE AND DIAMETER.

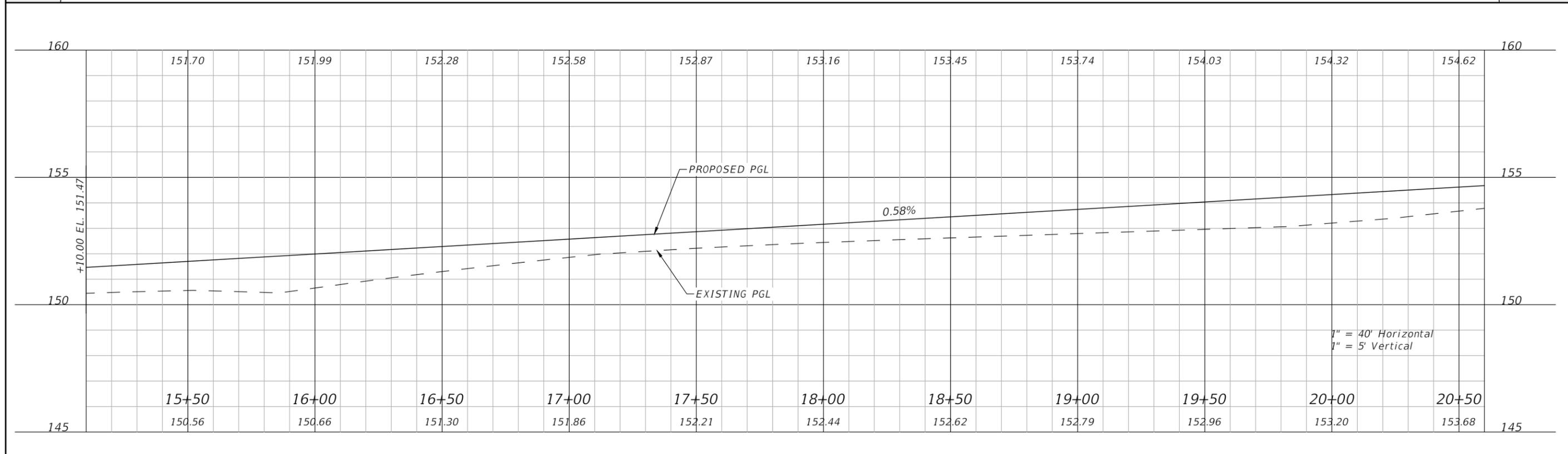
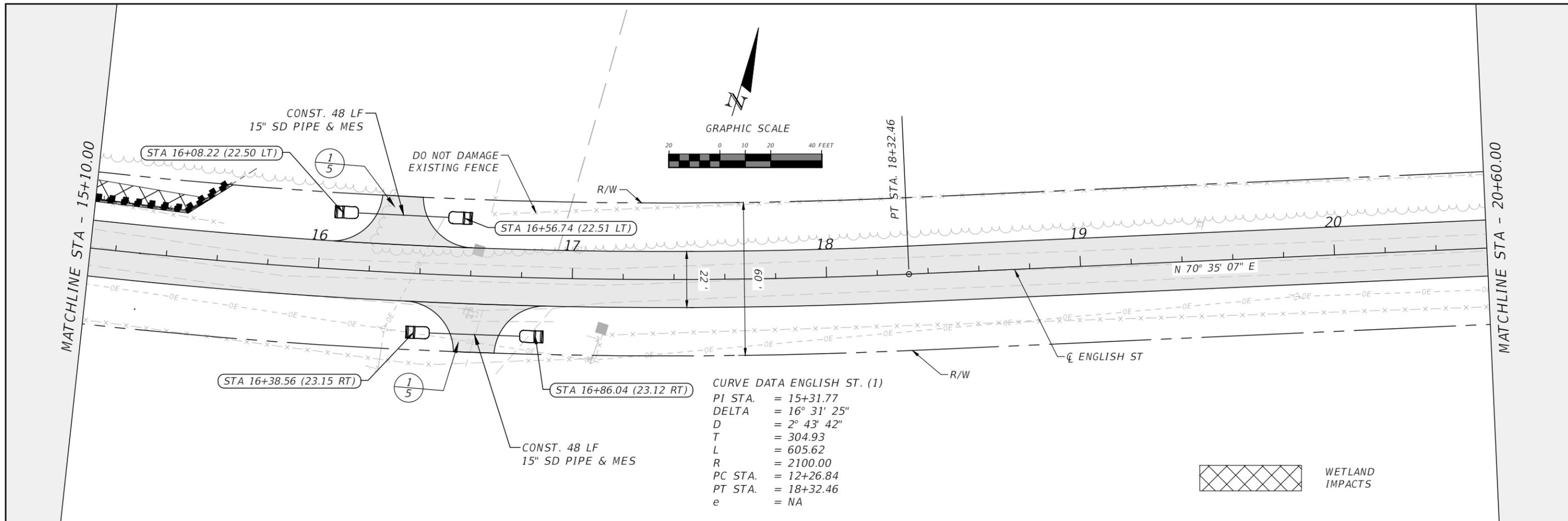
PIPE EXTENTIONS

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			MITERED END SECTION PAYMENT DETAIL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		9
					ENGLISH ST.	COLUMBIA			



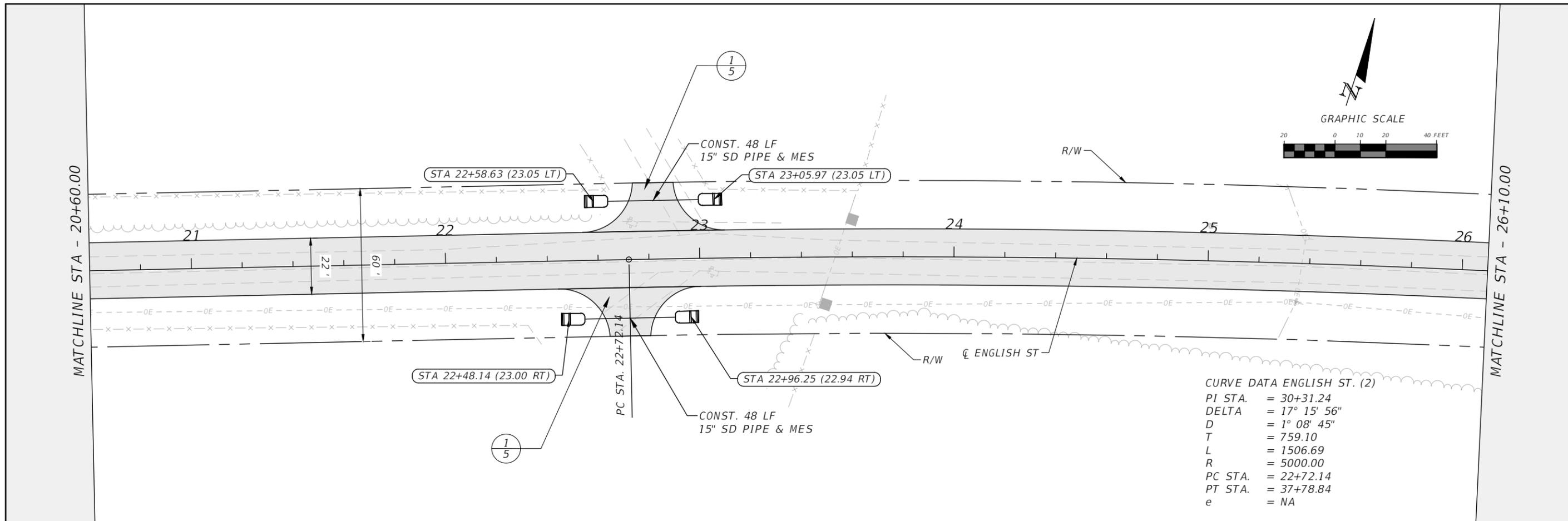
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



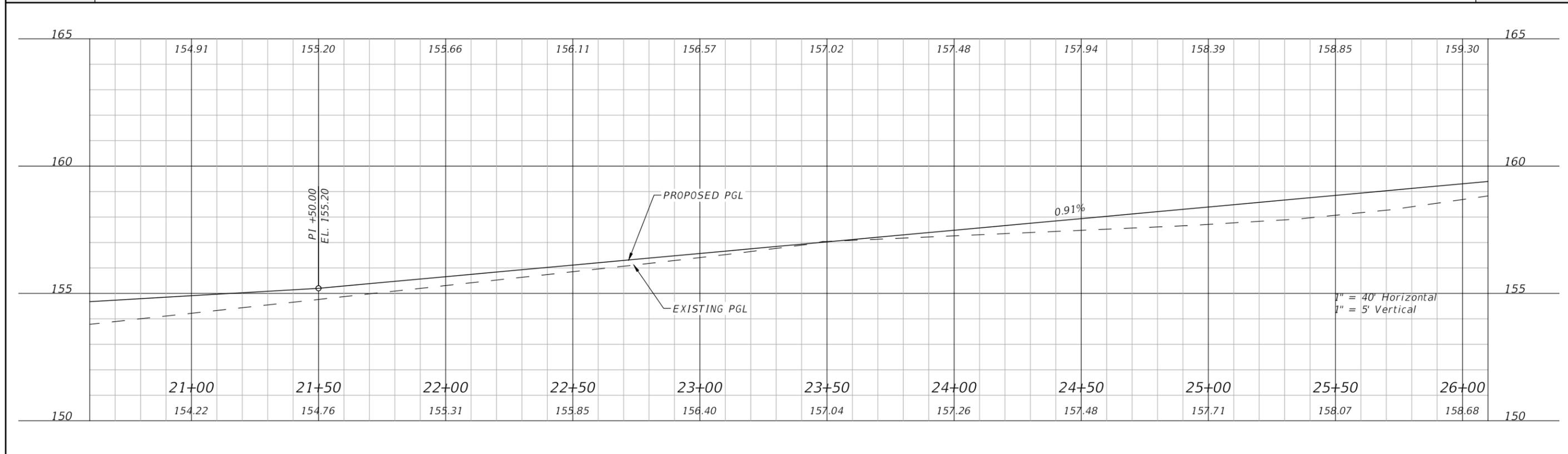
REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			PLAN AND PROFILE SHEETS	SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



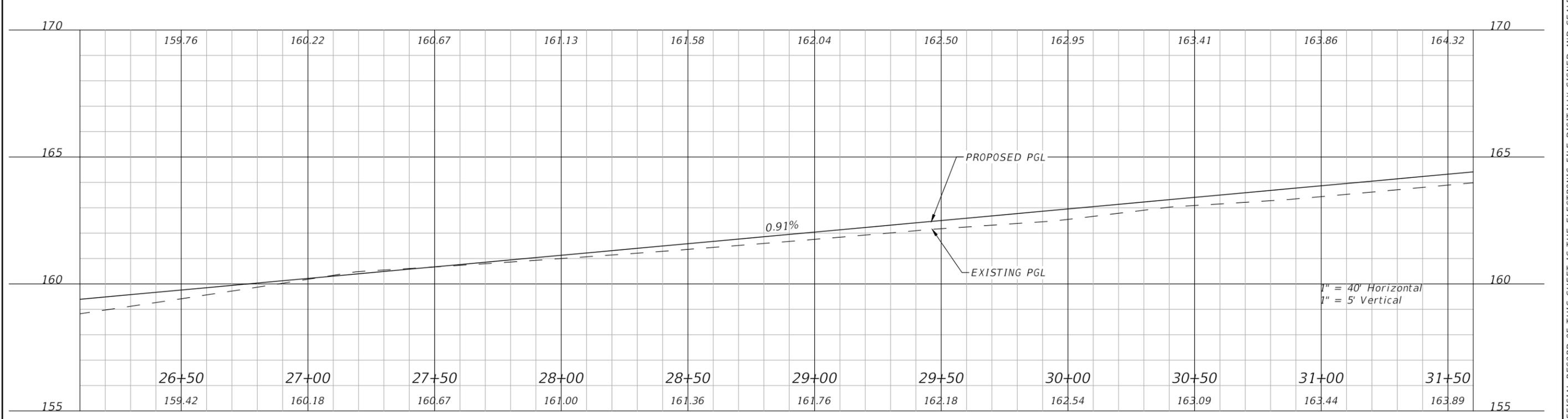
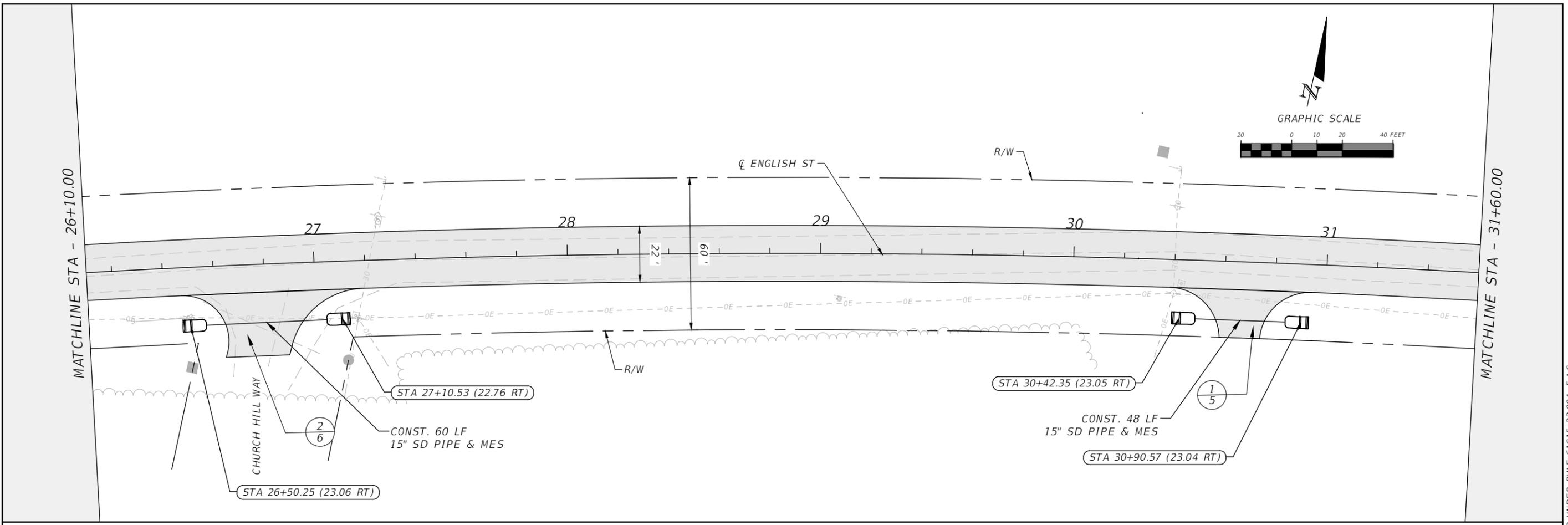
CURVE DATA ENGLISH ST. (2)

PI STA.	= 30+31.24
DELTA	= 17° 15' 56"
D	= 1° 08' 45"
T	= 759.10
L	= 1506.69
R	= 5000.00
PC STA.	= 22+72.14
PT STA.	= 37+78.84
e	= NA



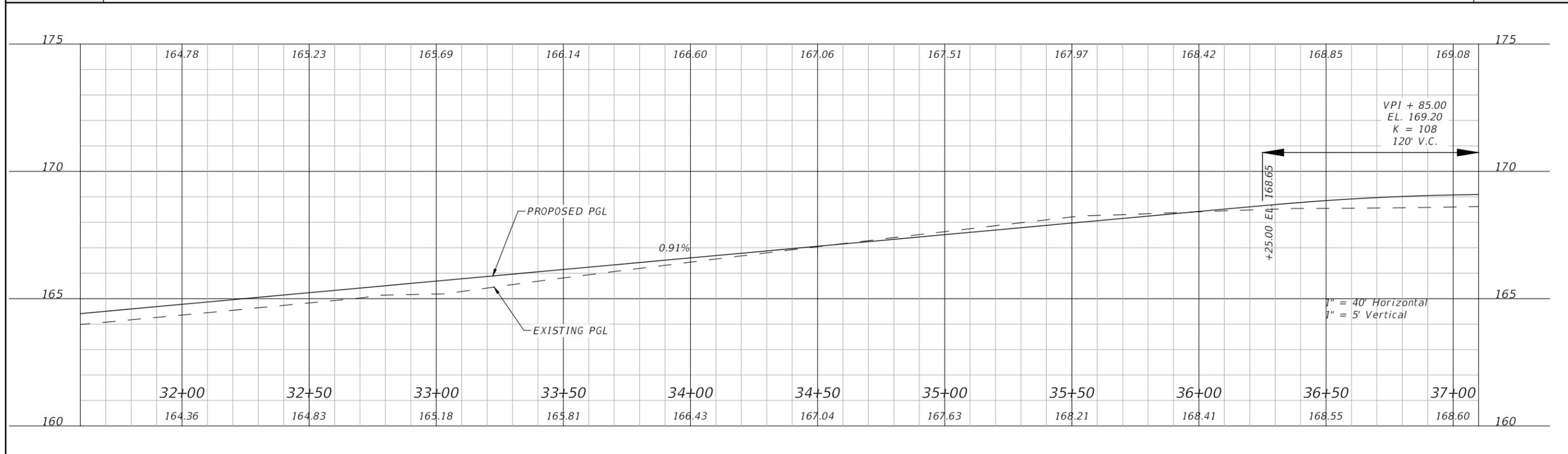
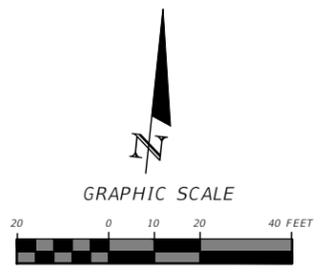
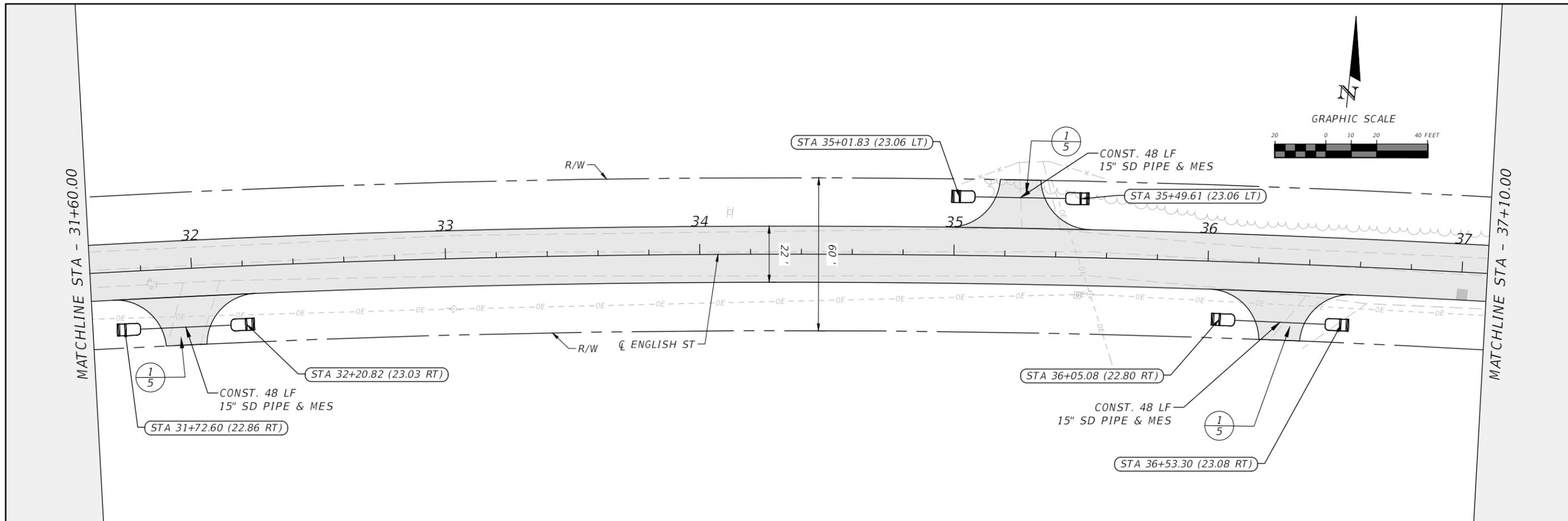
REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY		PLAN AND PROFILE SHEETS	SHEET NO. 12
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



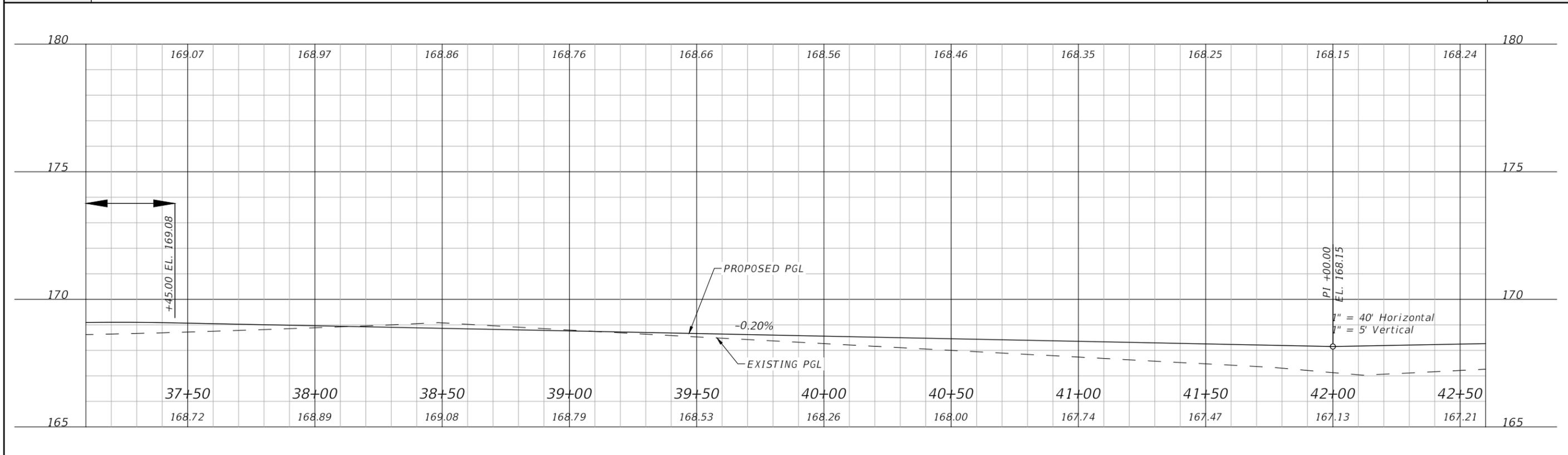
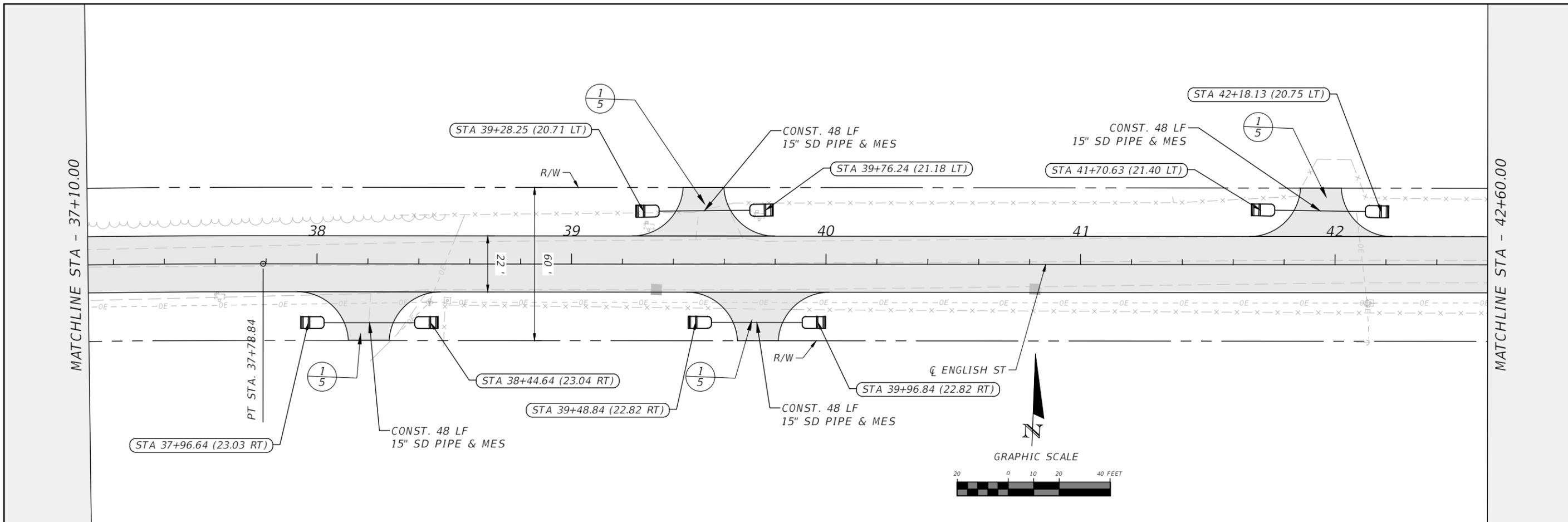
REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			PLAN AND PROFILE SHEETS	SHEET NO. 13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



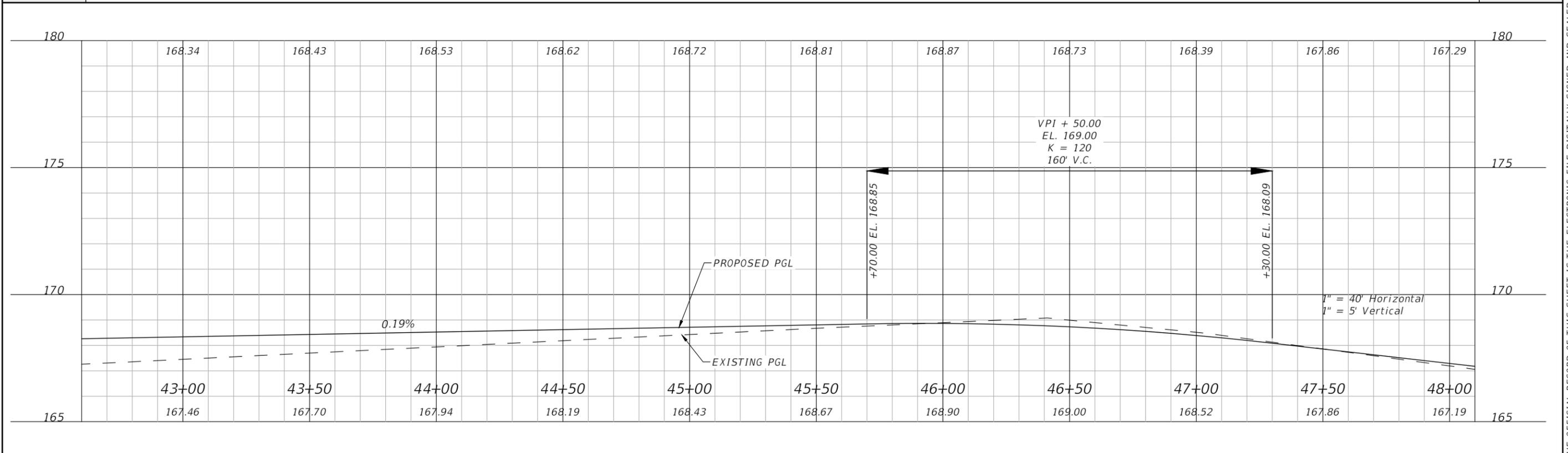
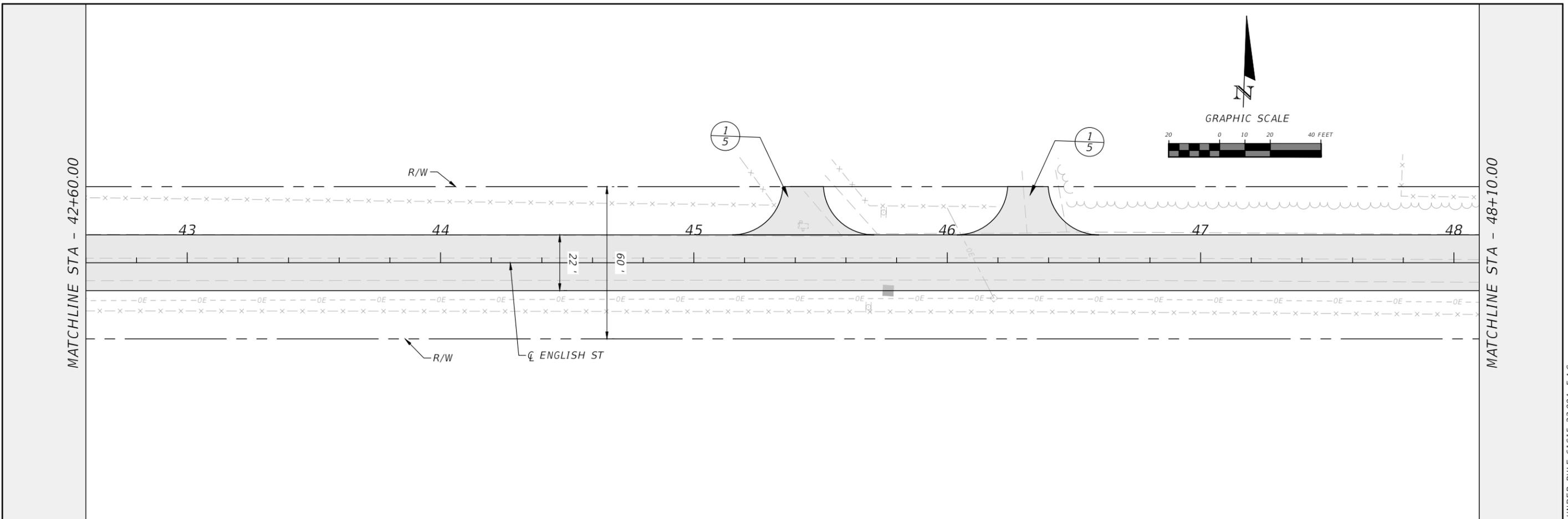
REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			PLAN AND PROFILE SHEETS	SHEET NO. 14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



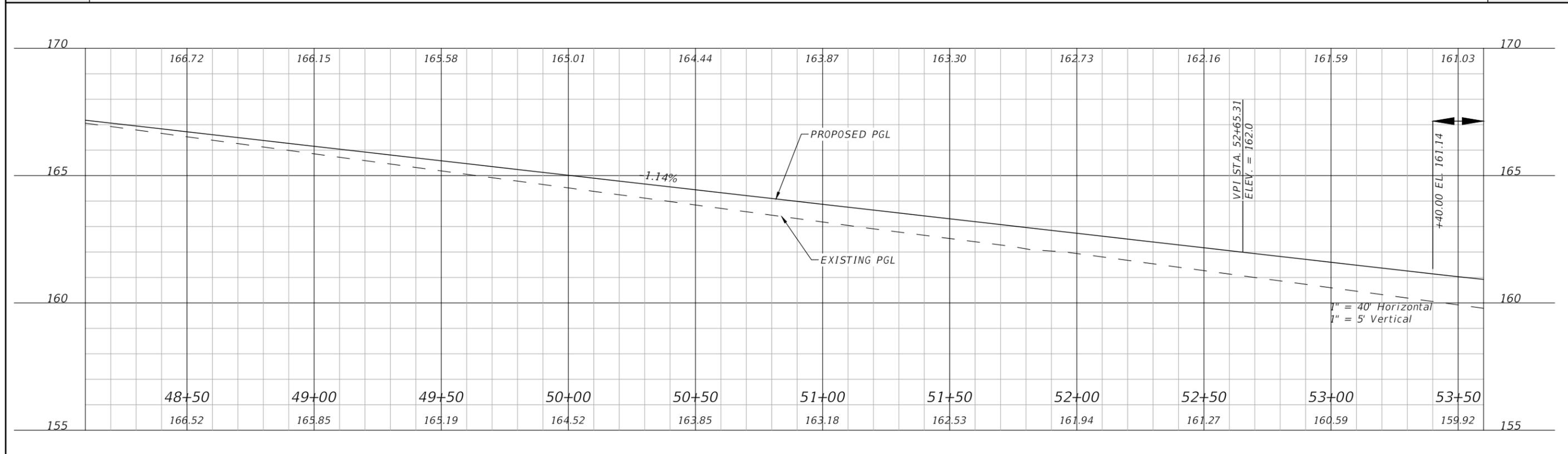
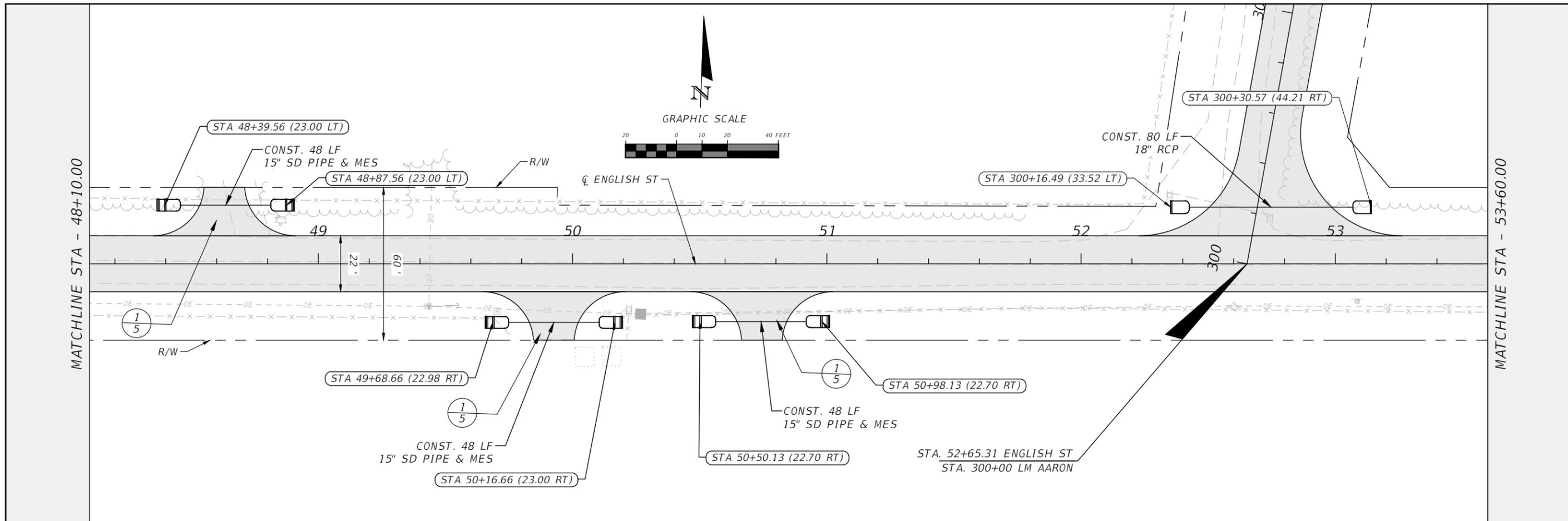
REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			PLAN AND PROFILE SHEETS	SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



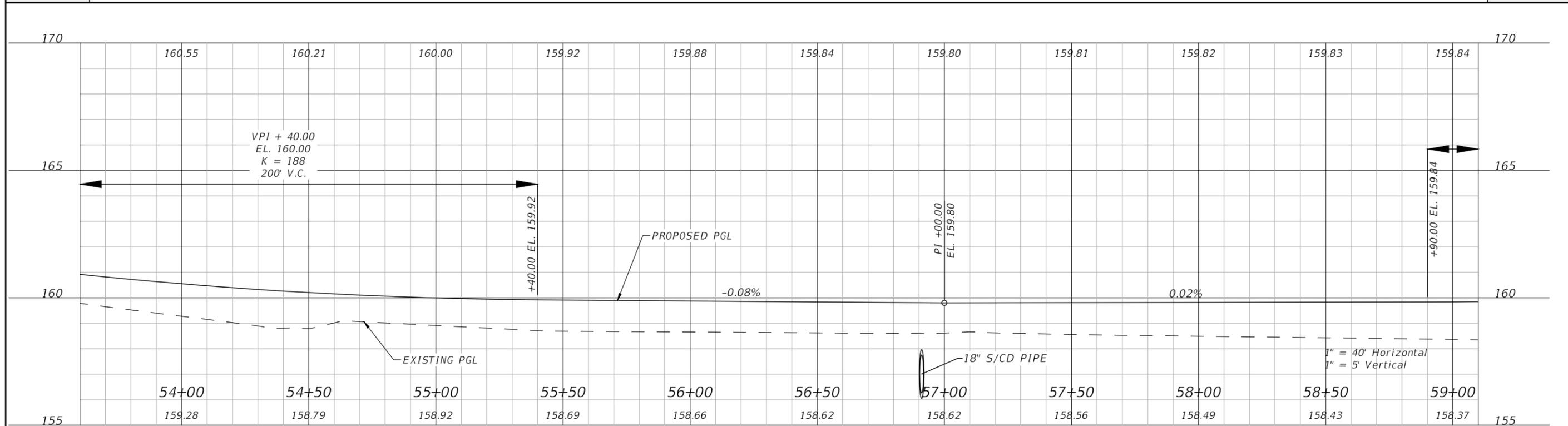
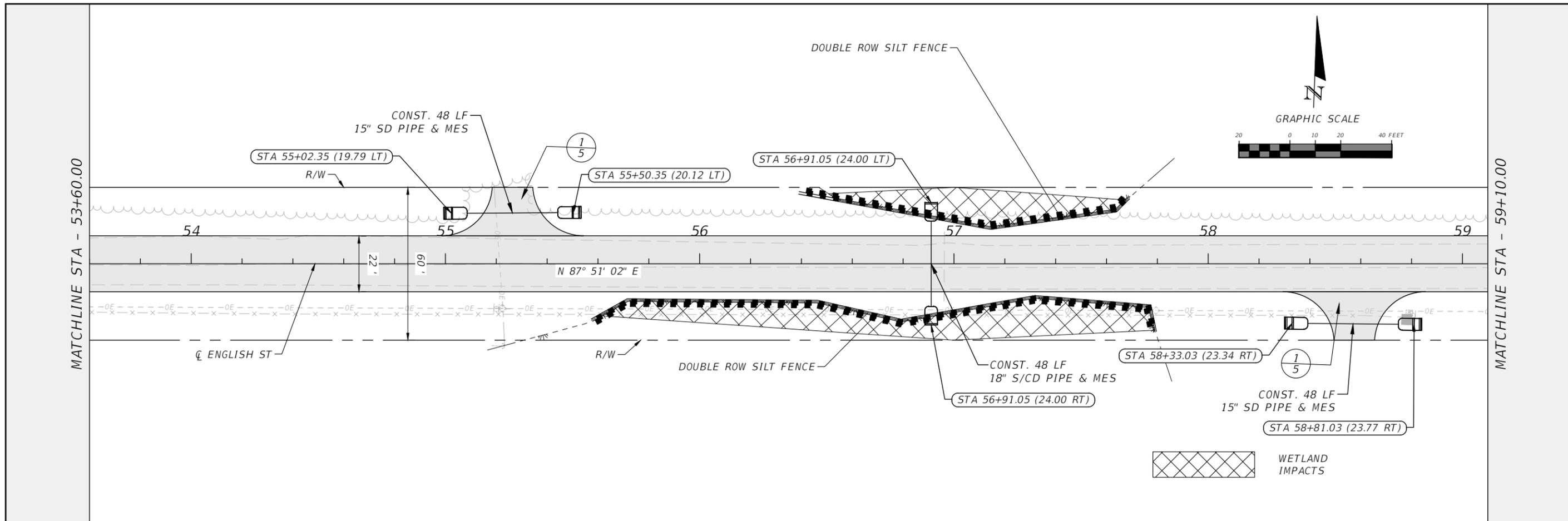
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



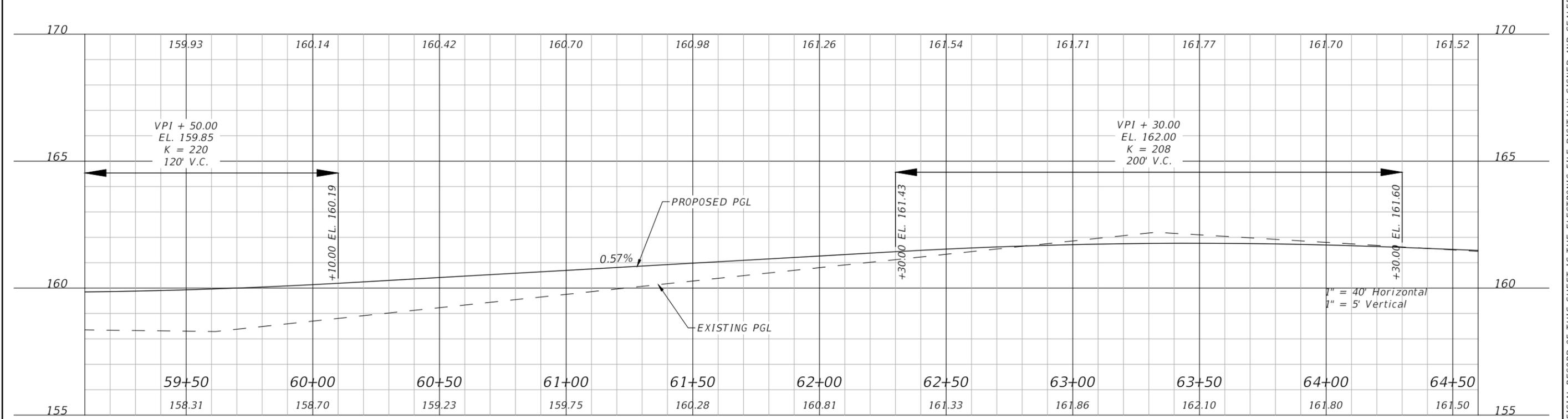
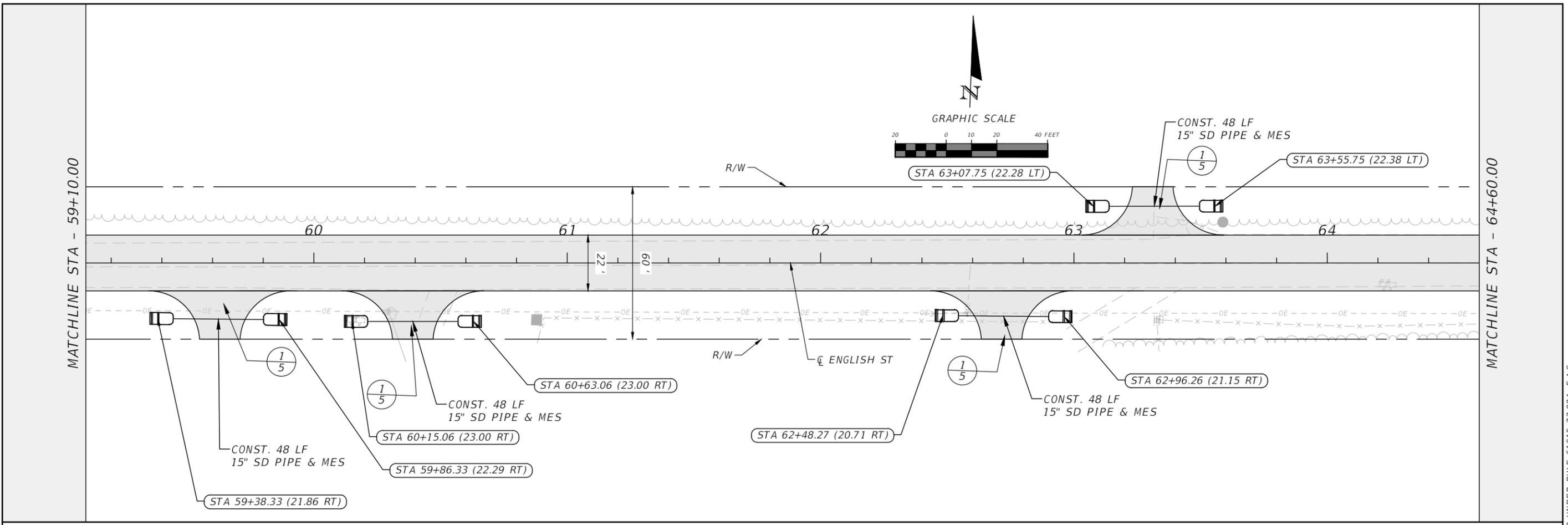
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



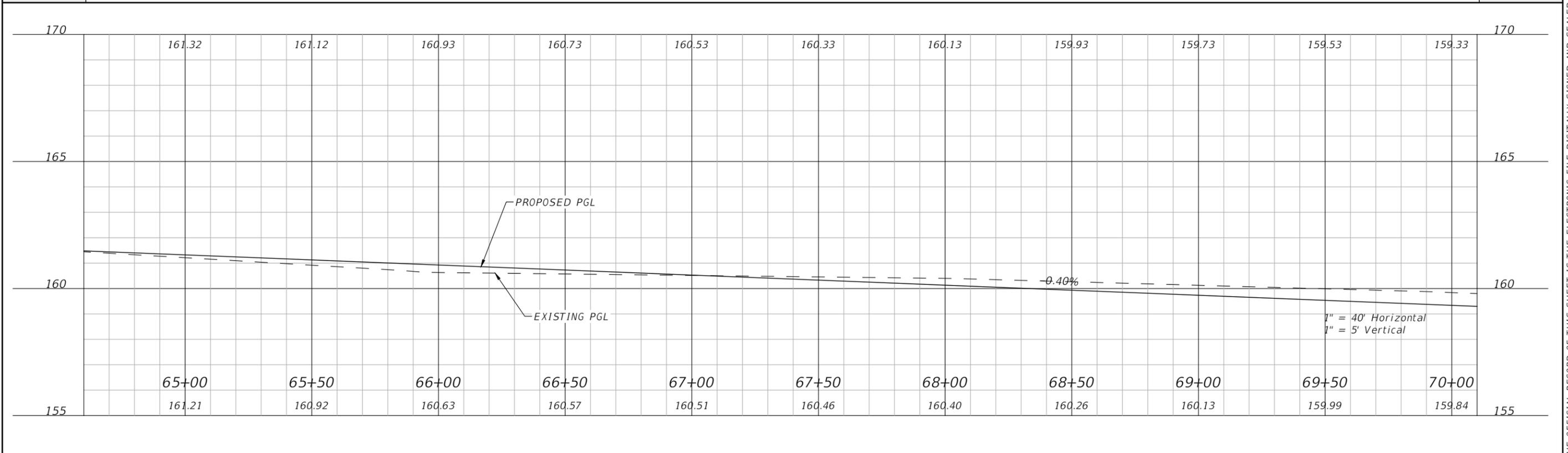
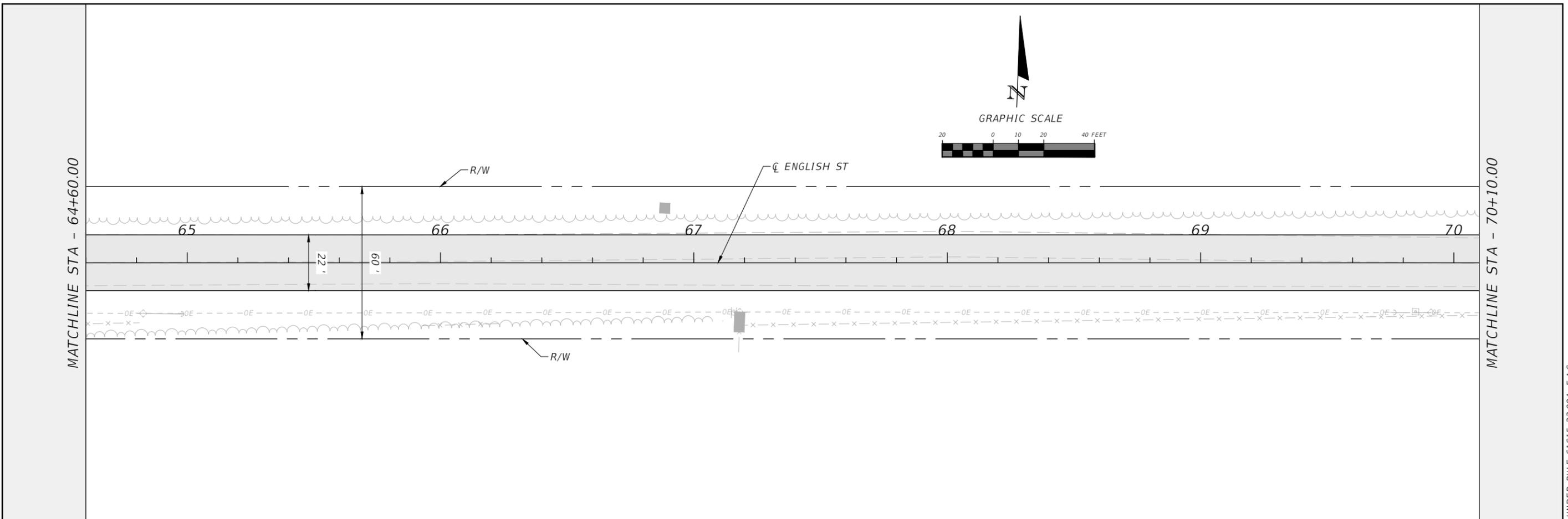
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID	

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REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			PLAN AND PROFILE SHEETS	SHEET NO. 19
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

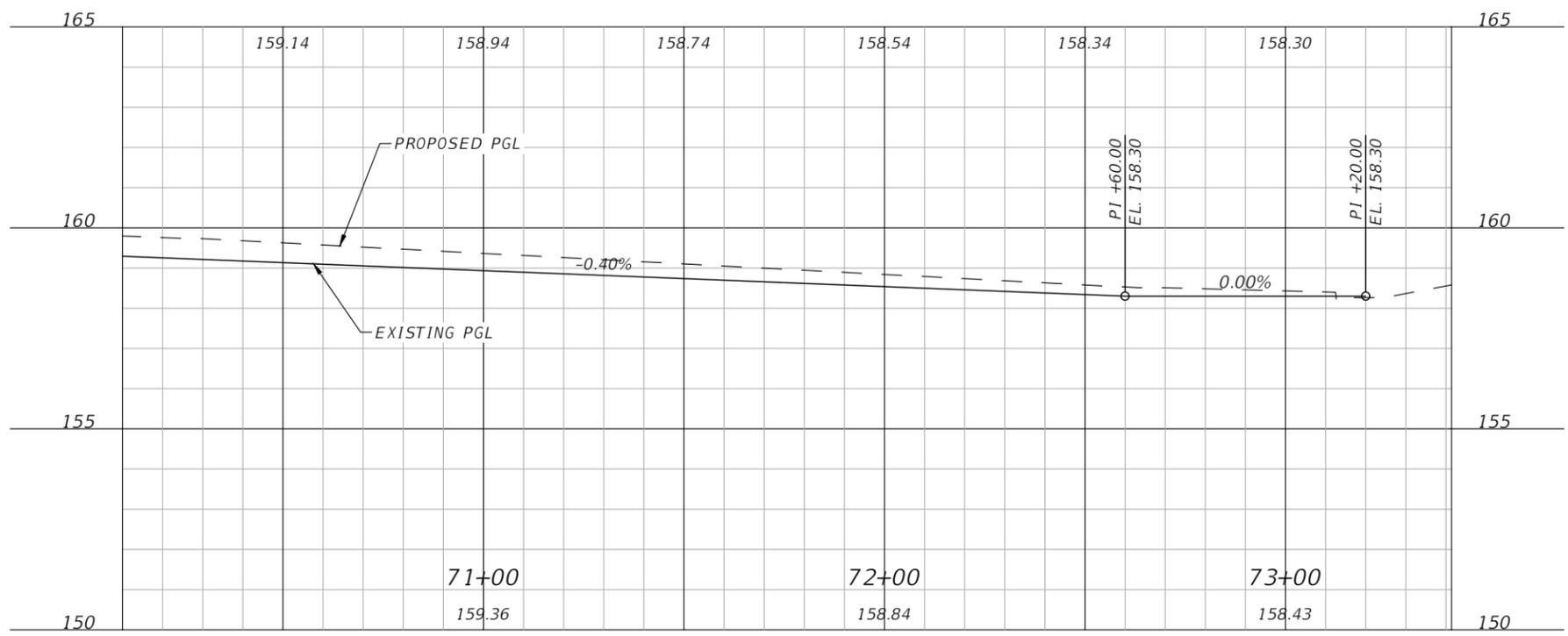
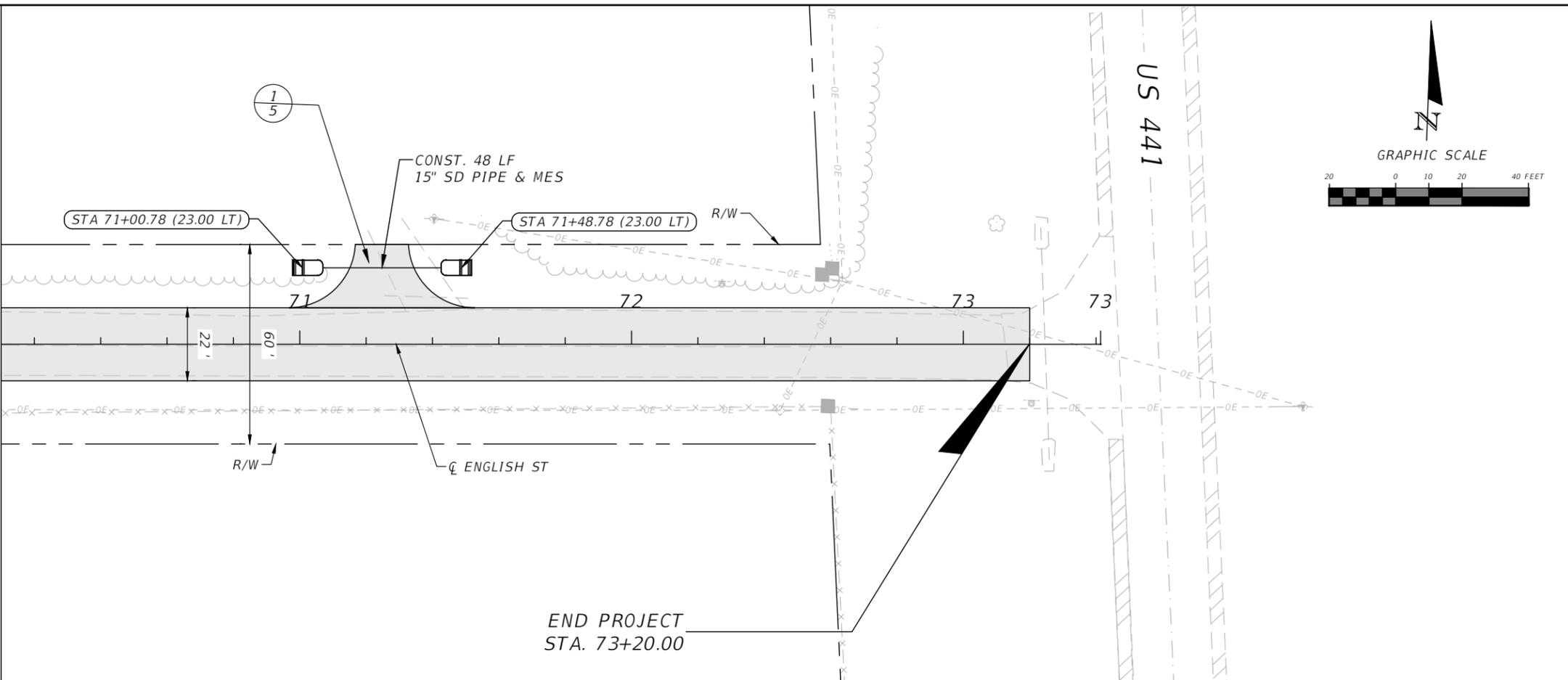
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			PLAN AND PROFILE SHEETS	SHEET NO. 20
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

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MATCHLINE STA - 70+10.00

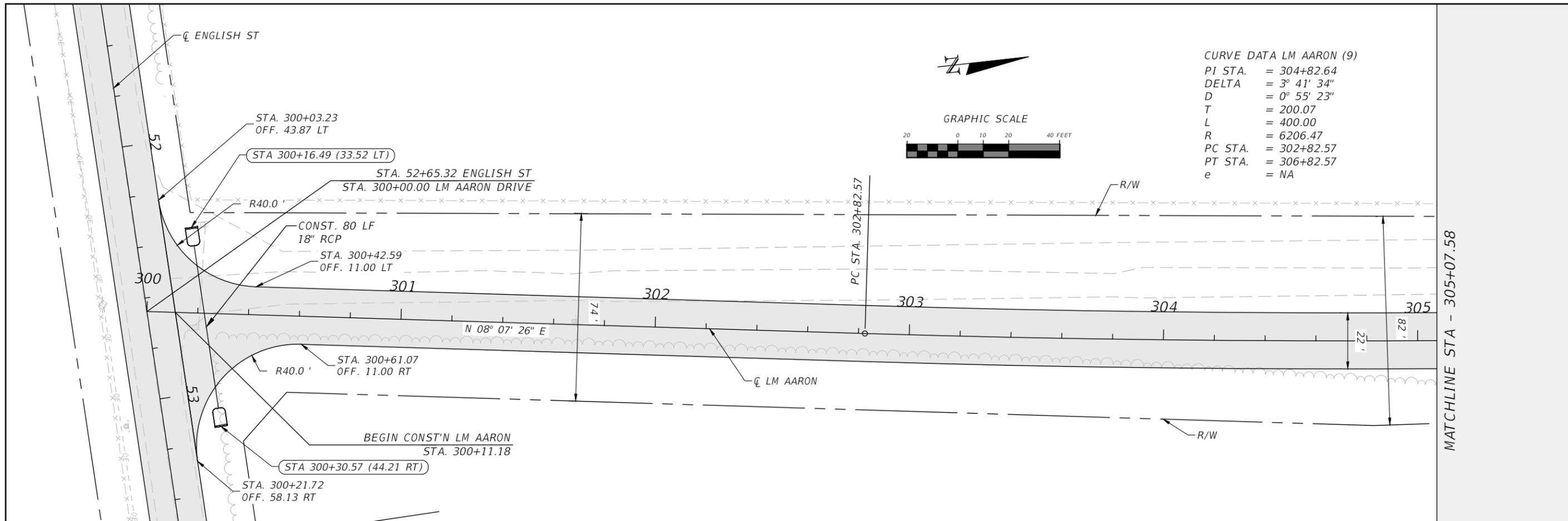


1" = 40' Horizontal
1" = 5' Vertical

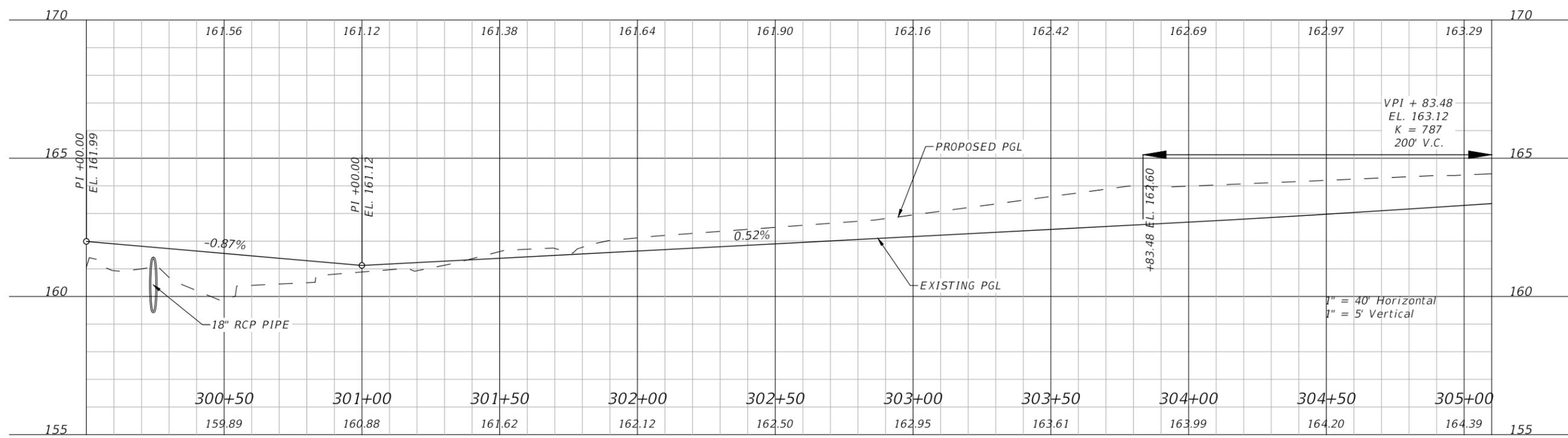
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID	

PLAN AND PROFILE SHEETS

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

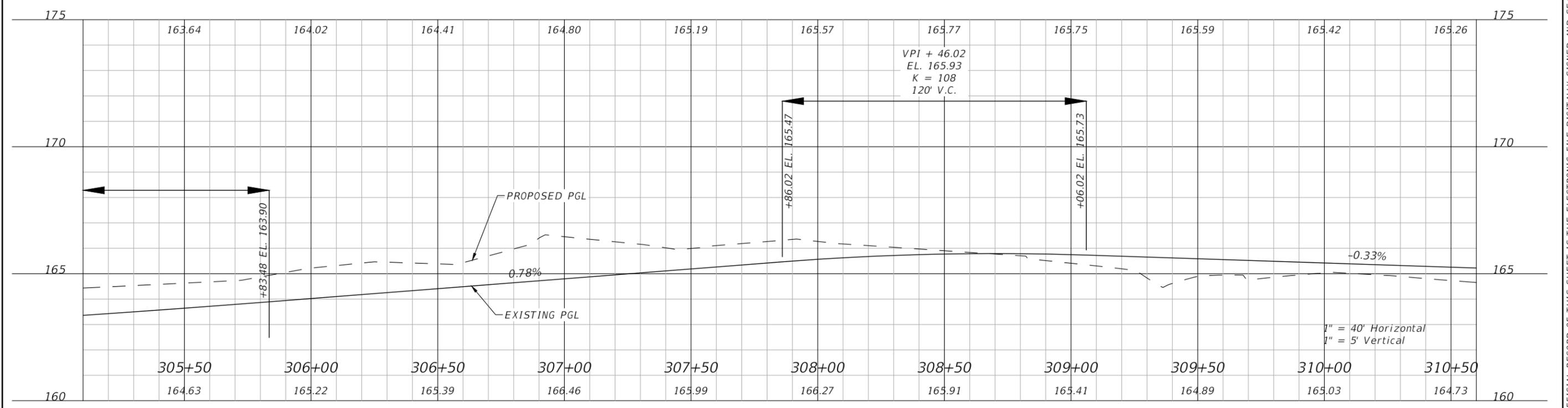
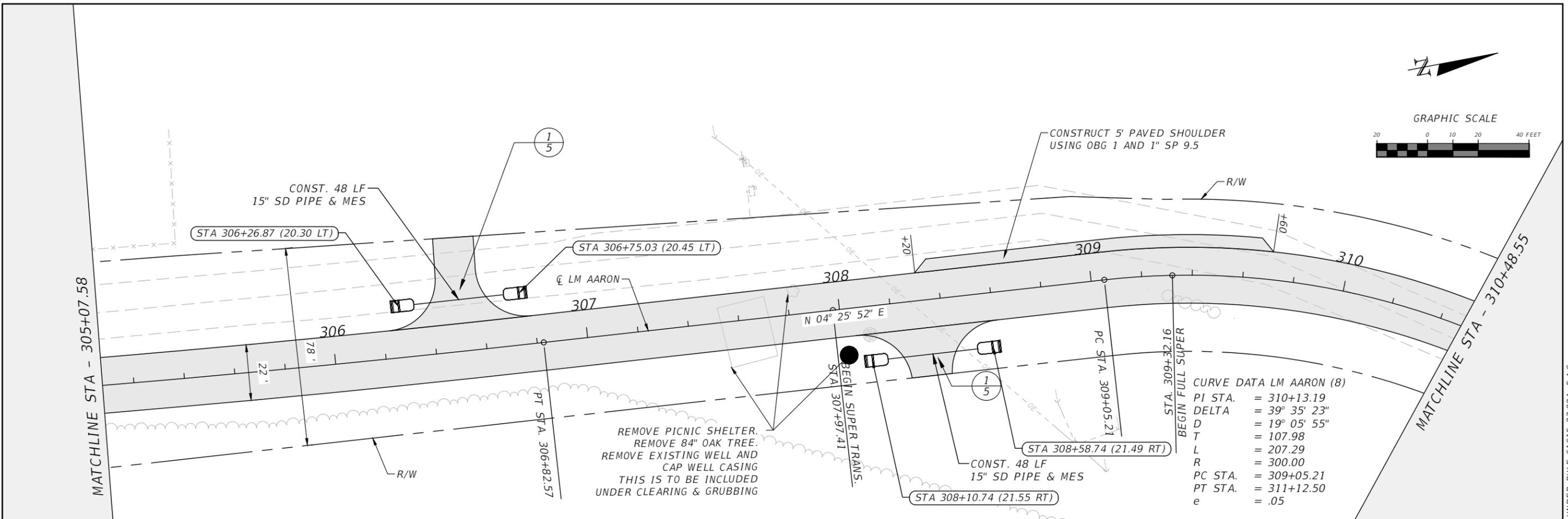


MATCHLINE STA - 305+07.58



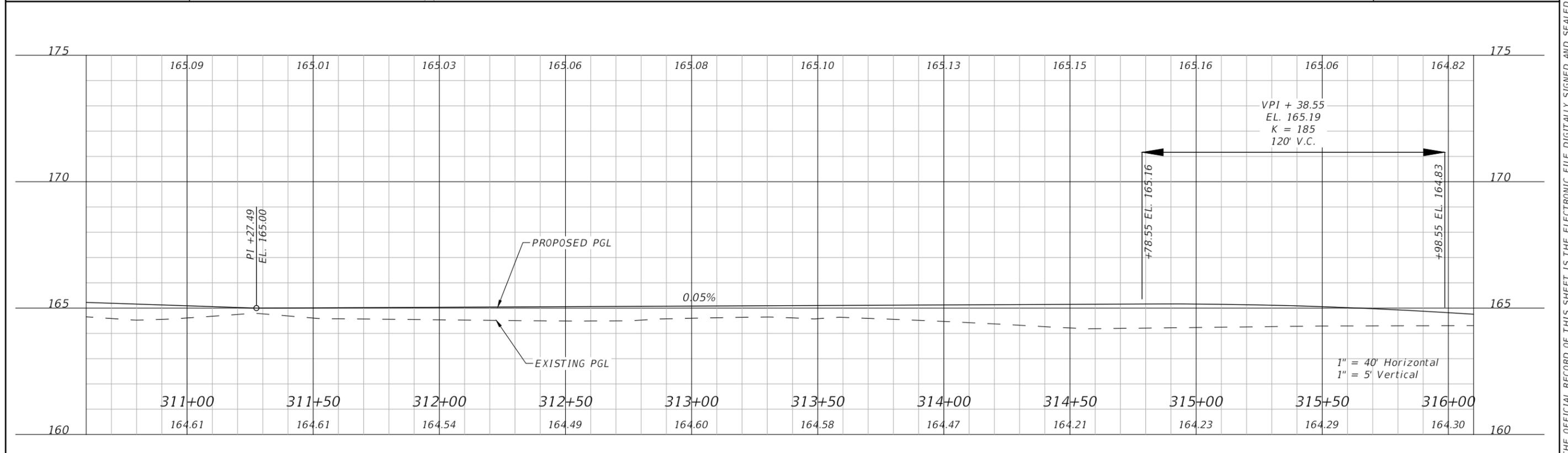
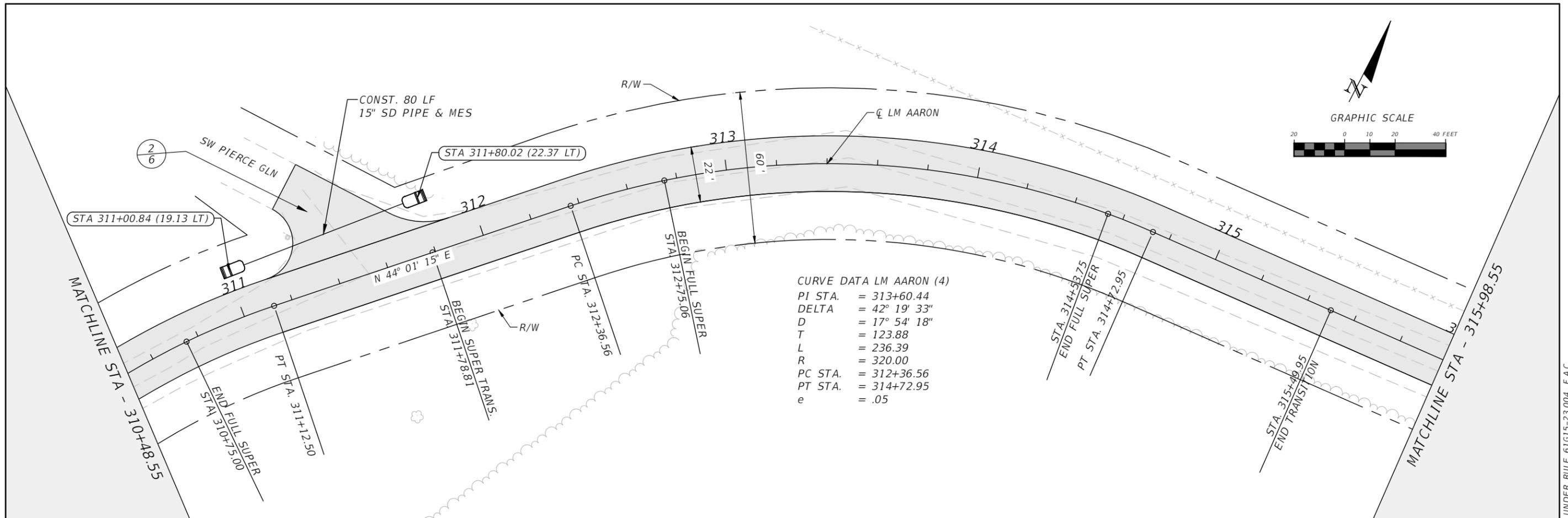
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					LM AARON DR	COLUMBIA			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

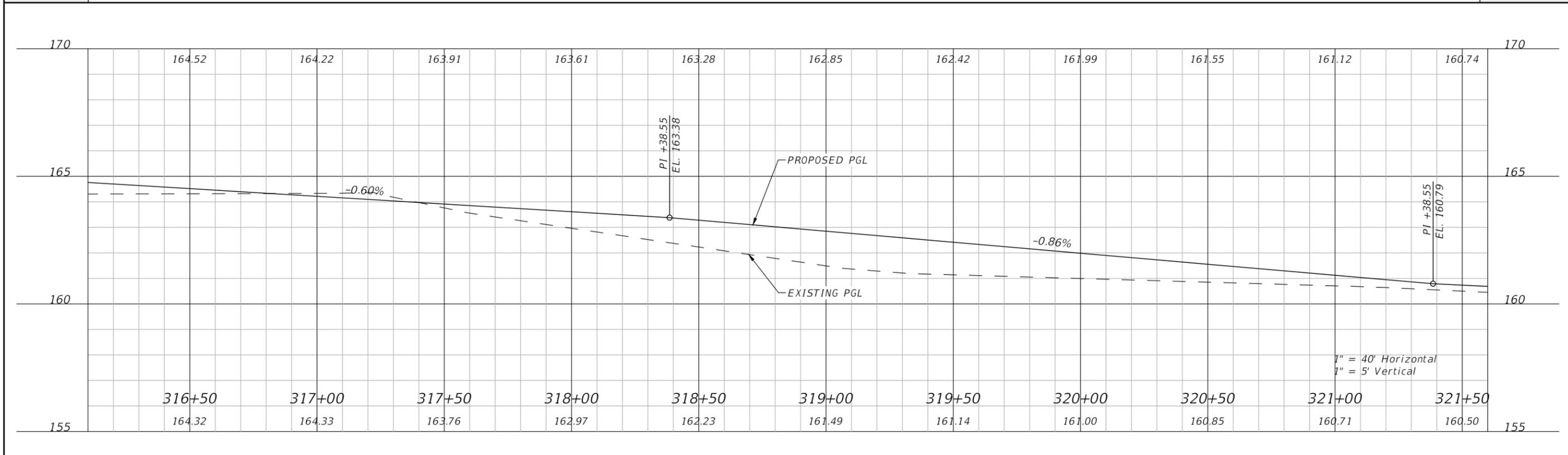
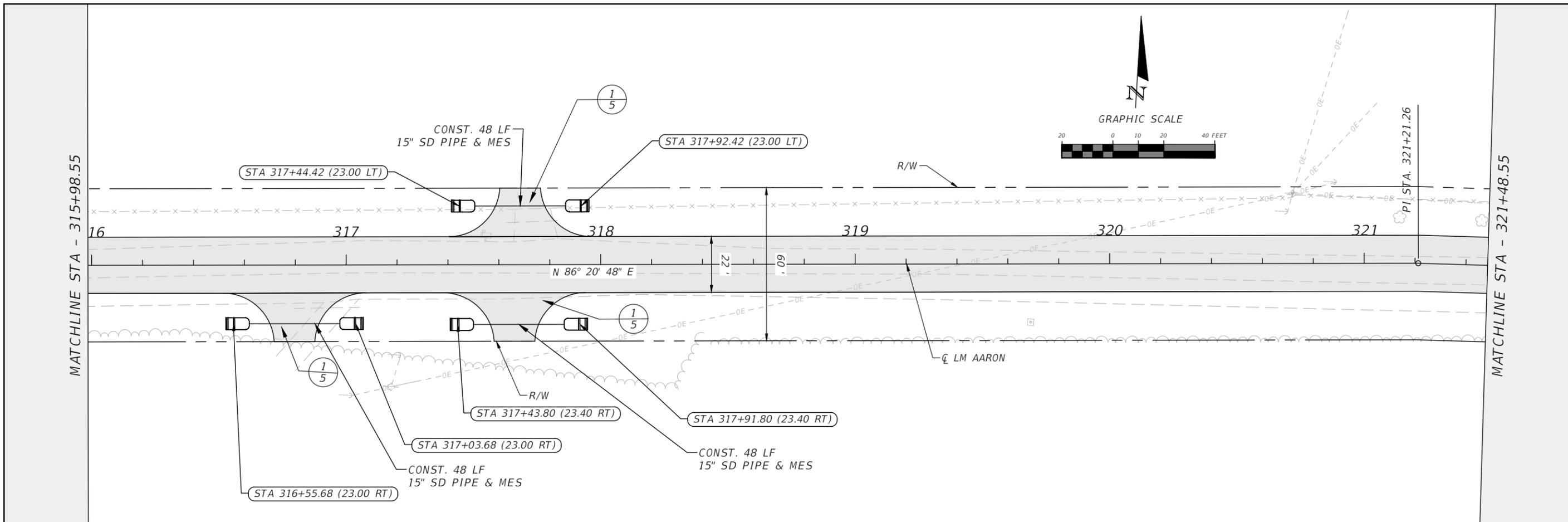


REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SHEET NO. 23
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LM AARON DR	COLUMBIA		PLAN AND PROFILE SHEETS	

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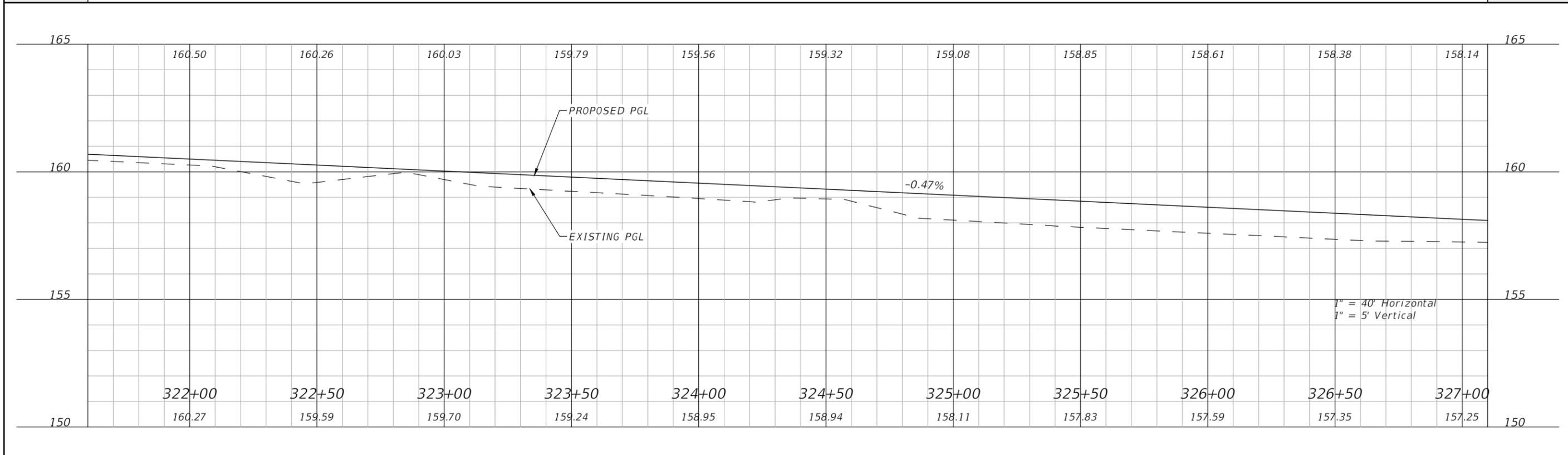
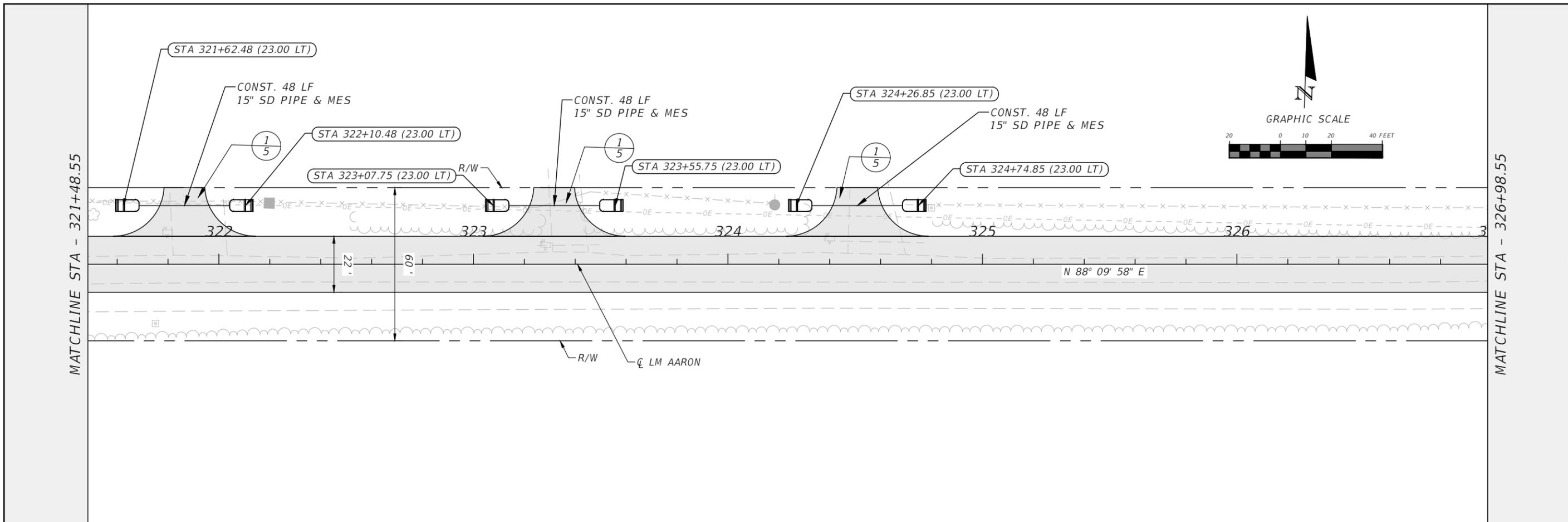


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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					LM AARON DR	COLUMBIA			



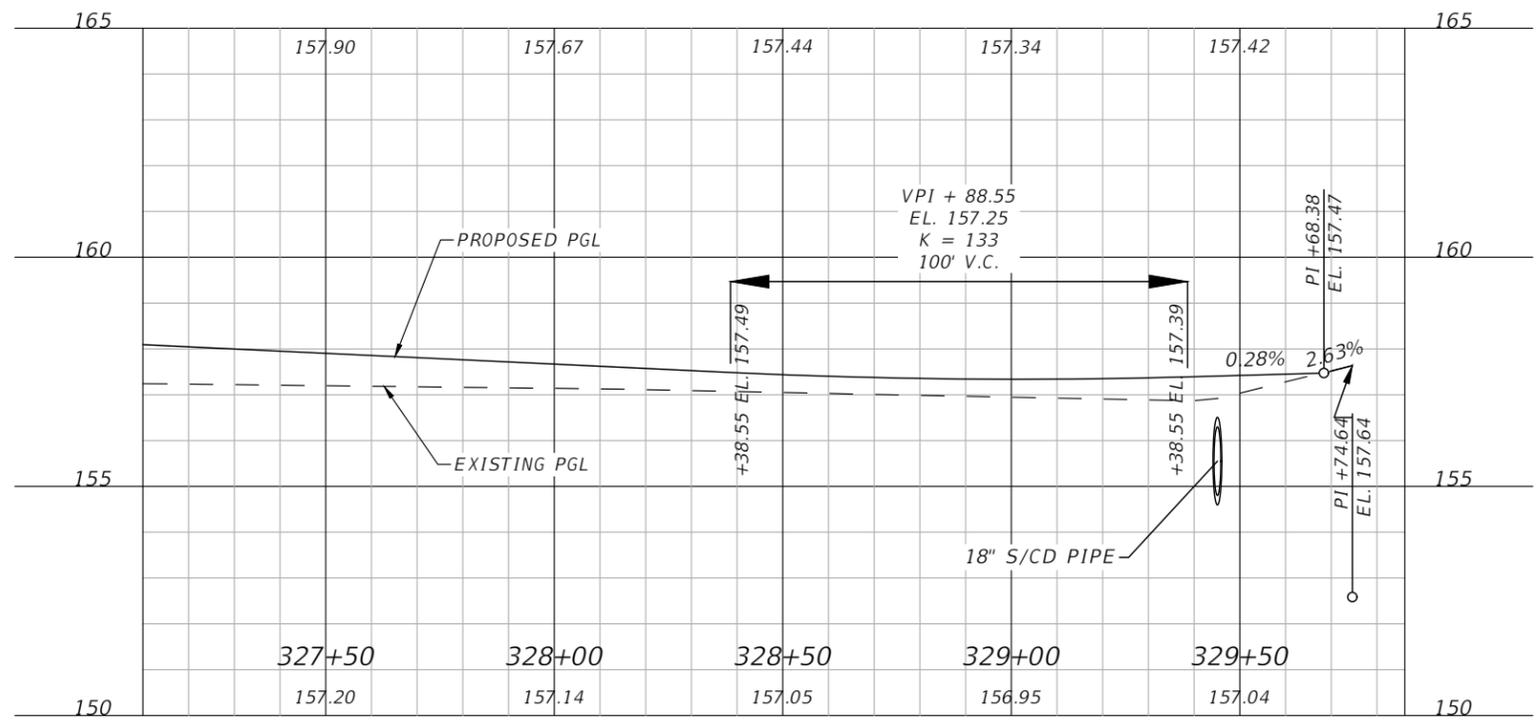
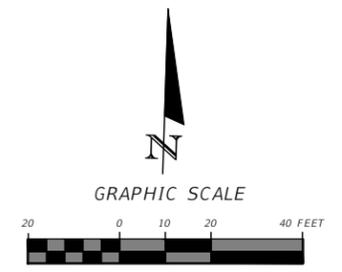
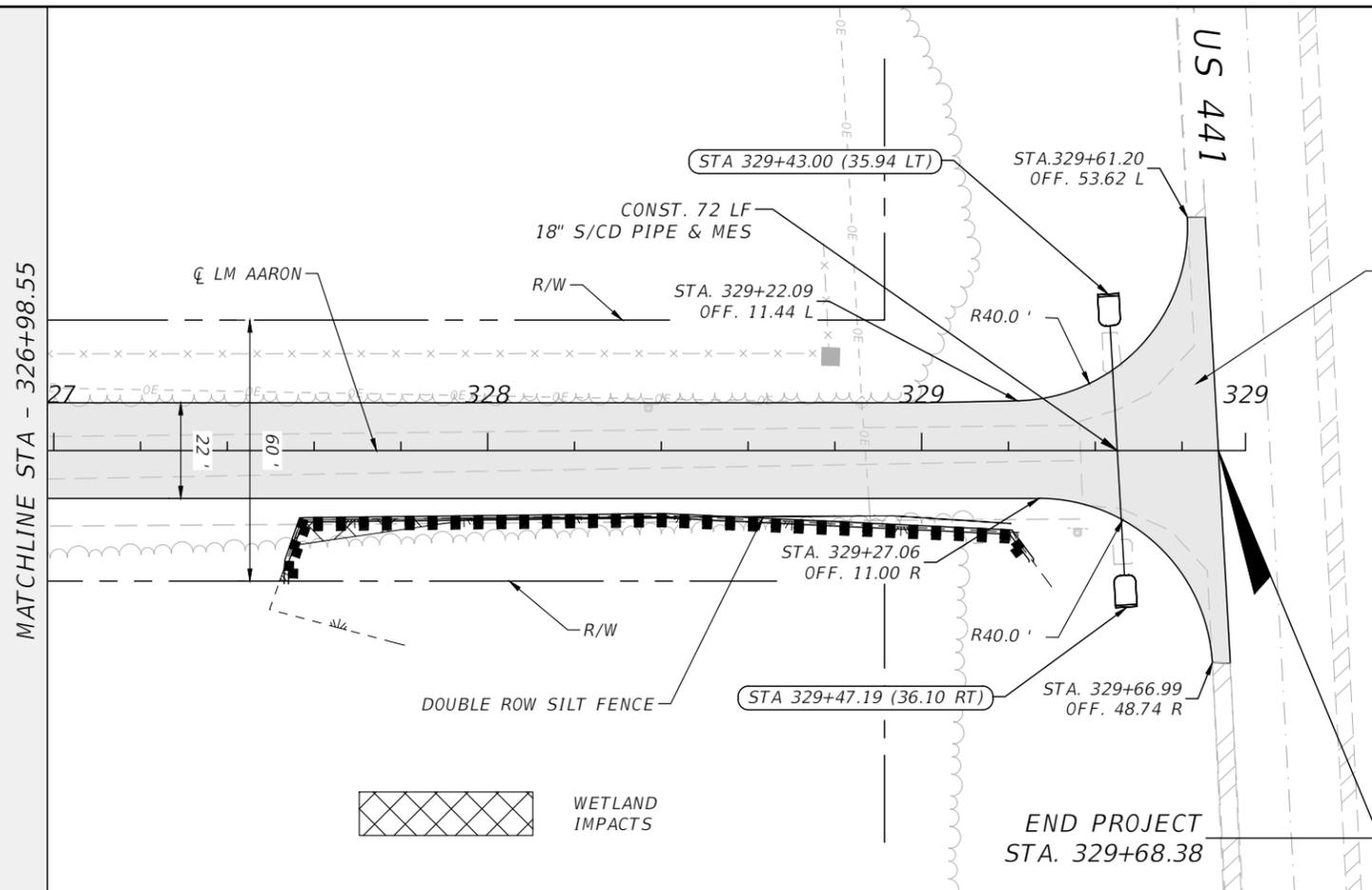
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					LM AARON DR	COLUMBIA			

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REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			PLAN AND PROFILE SHEETS	SHEET NO. 26
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LM AARON DR	COLUMBIA				

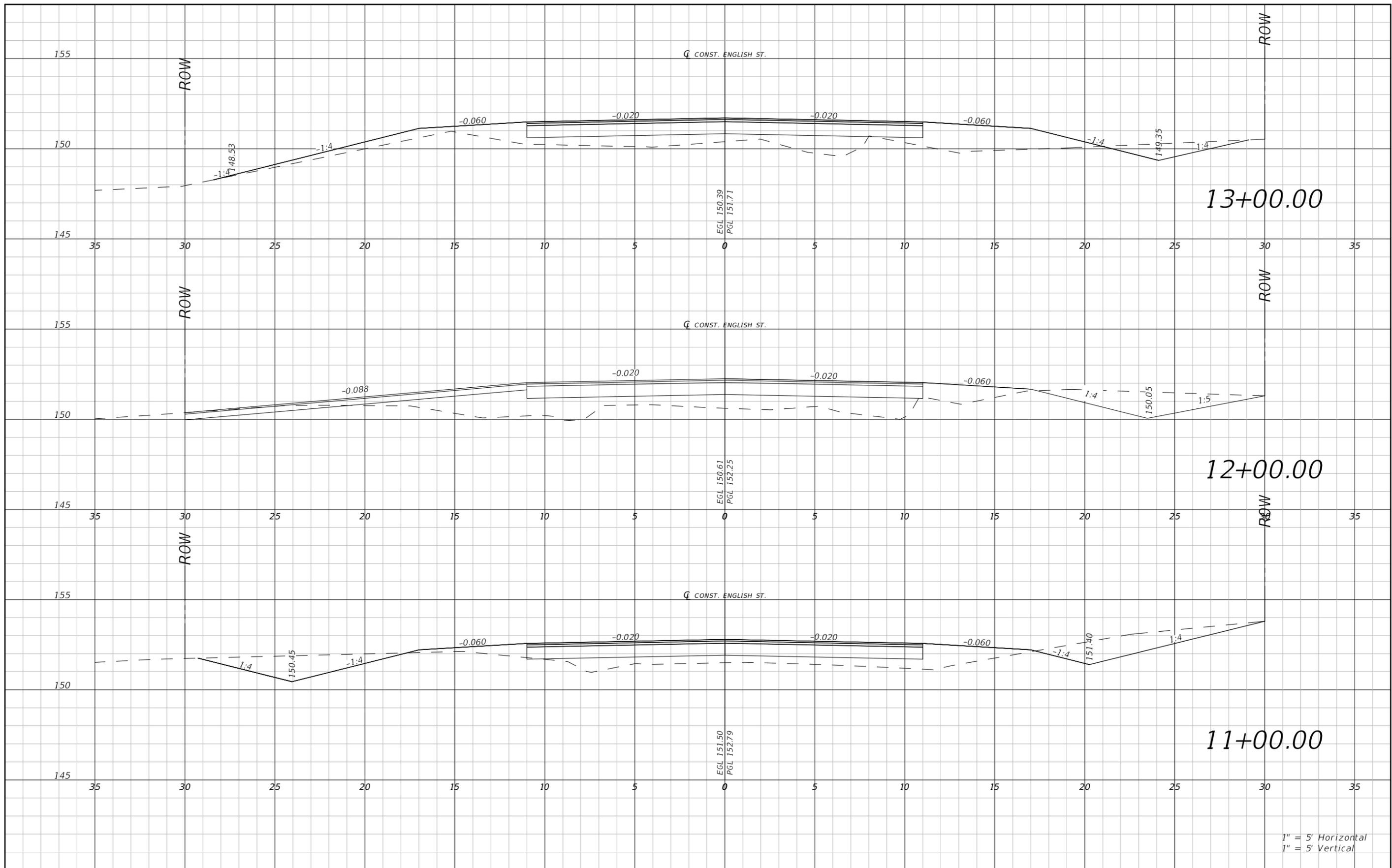
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1" = 40' Horizontal
1" = 5' Vertical

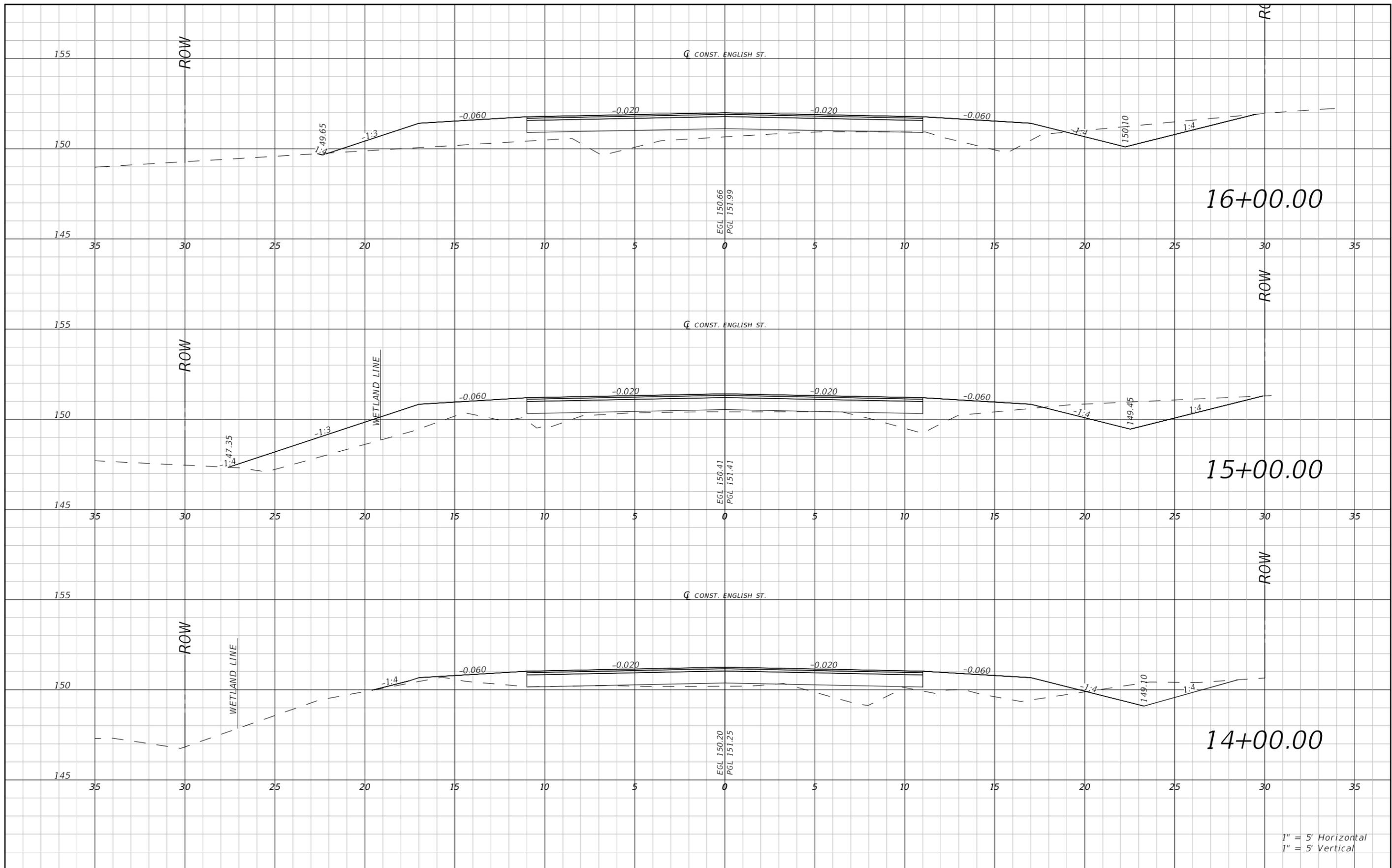
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LM AARON DR	COLUMBIA		PLAN AND PROFILE SHEETS	

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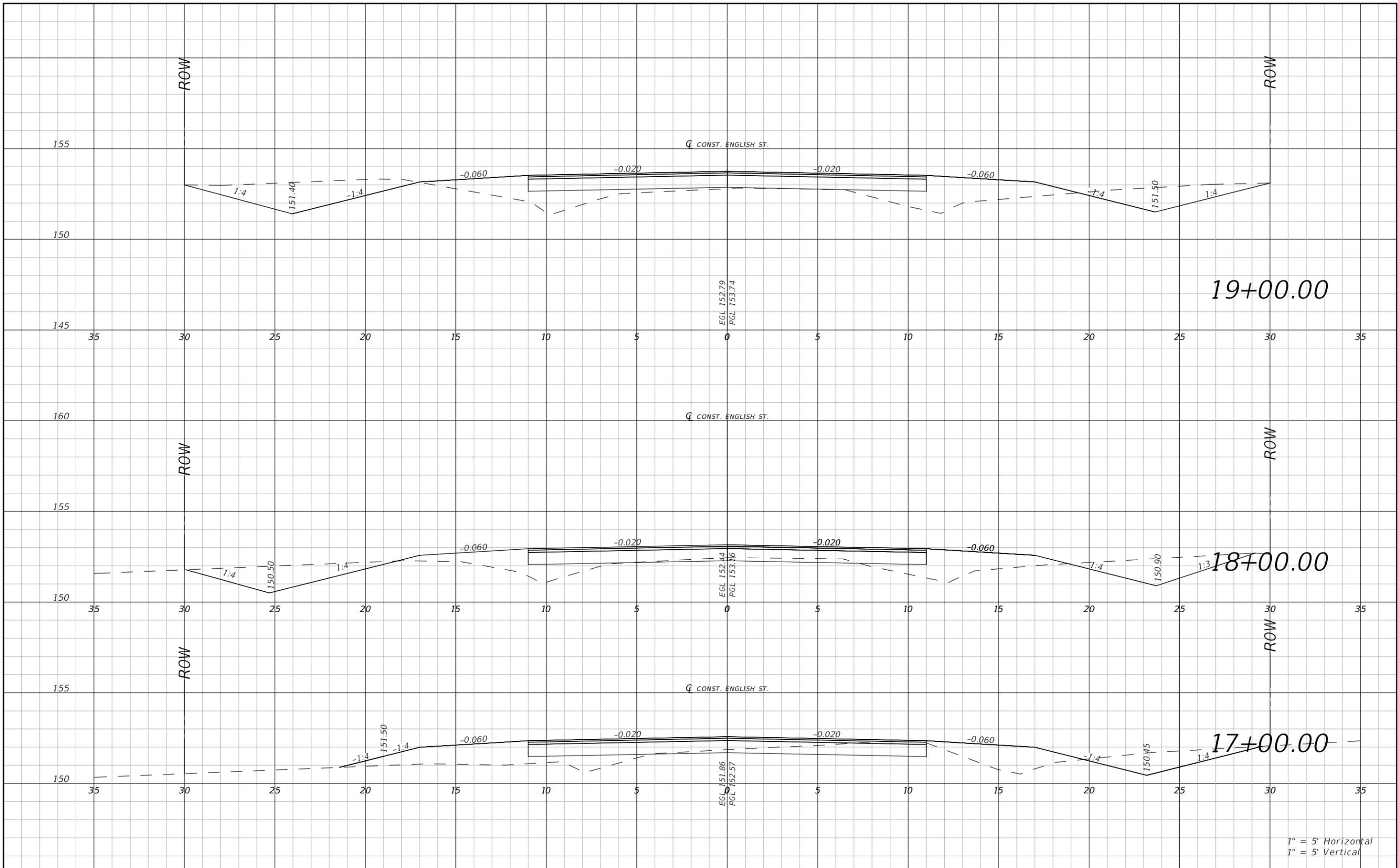
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1" = 5' Vertical

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			ROADWAY CROSS SECTIONS ENGLISH ST	SHEET NO. 28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



1" = 5' Horizontal
1" = 5' Vertical

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			ROADWAY CROSS SECTION ENGLISH ST	SHEET NO. 29
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



1" = 5' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

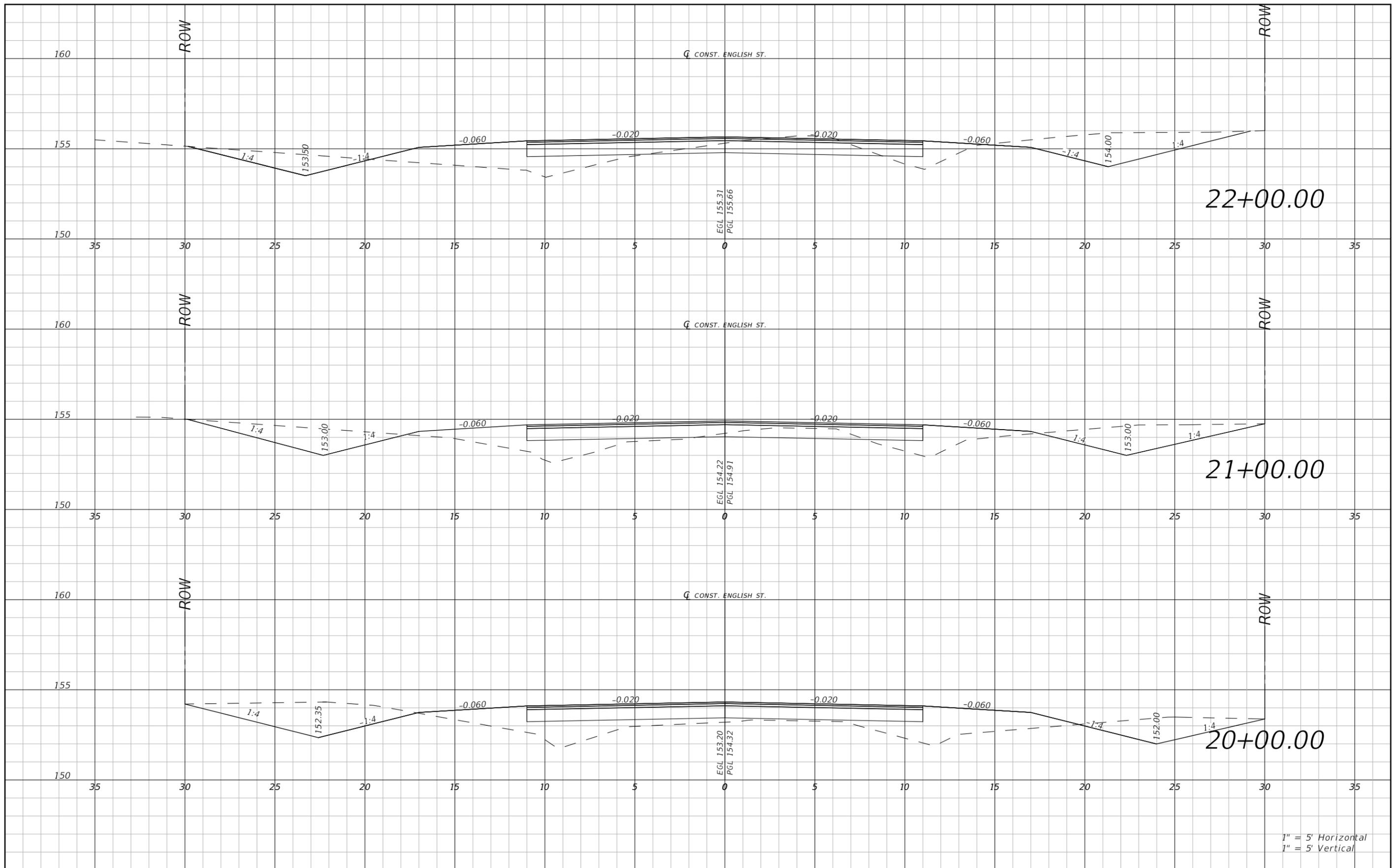
RYAN DOUGLAS ASMUS
P.E. LICENSE NUMBER 66626
NFPS
P.O. BOX 3823
LAKE CITY, FLORIDA 32056
CERTIFICATE OF AUTHORIZATION 29011

COLUMBIA COUNTY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ENGLISH ST.	COLUMBIA	

ROADWAY CROSS SECTION
ENGLISH ST

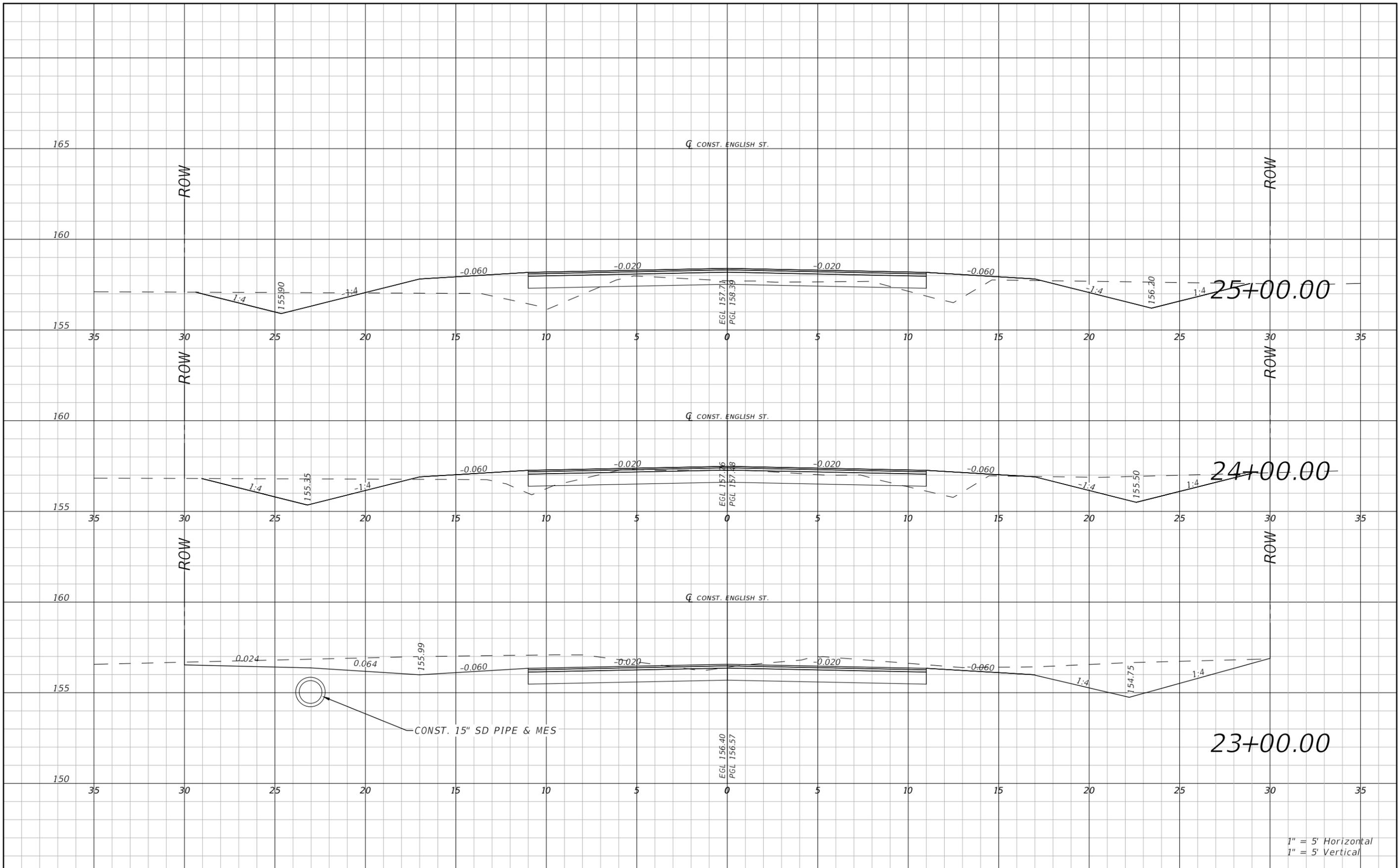
SHEET NO.
30

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1" = 5' Horizontal
1" = 5' Vertical

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			ROADWAY CROSS SECTION ENGLISH ST	SHEET NO. 31
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



1" = 5' Horizontal
1" = 5' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

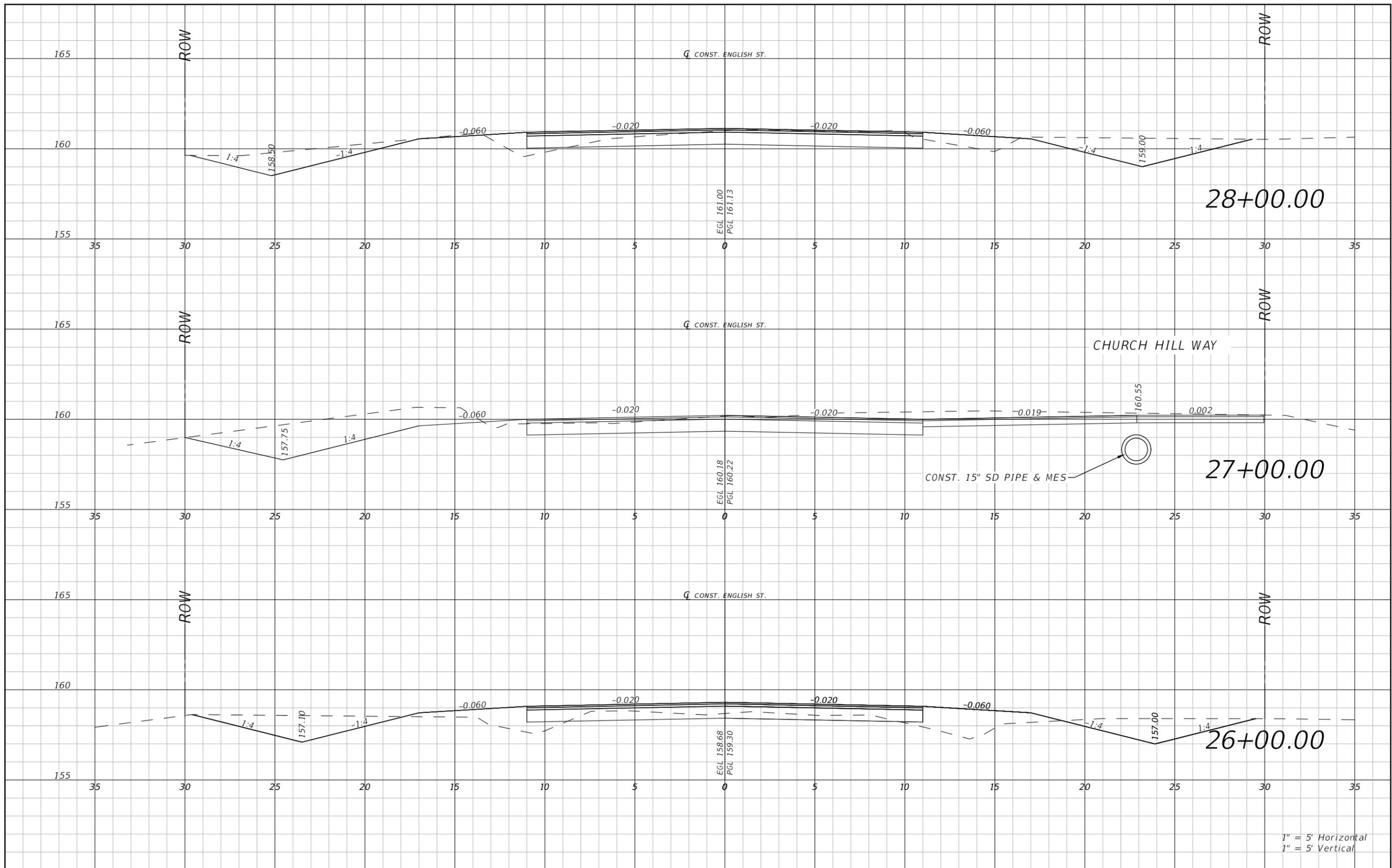
RYAN DOUGLAS ASMUS
P.E. LICENSE NUMBER 66626
NFPS
P.O. BOX 3823
LAKE CITY, FLORIDA 32056
CERTIFICATE OF AUTHORIZATION 29011

COLUMBIA COUNTY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ENGLISH ST.	COLUMBIA	

ROADWAY CROSS SECTION
ENGLISH ST

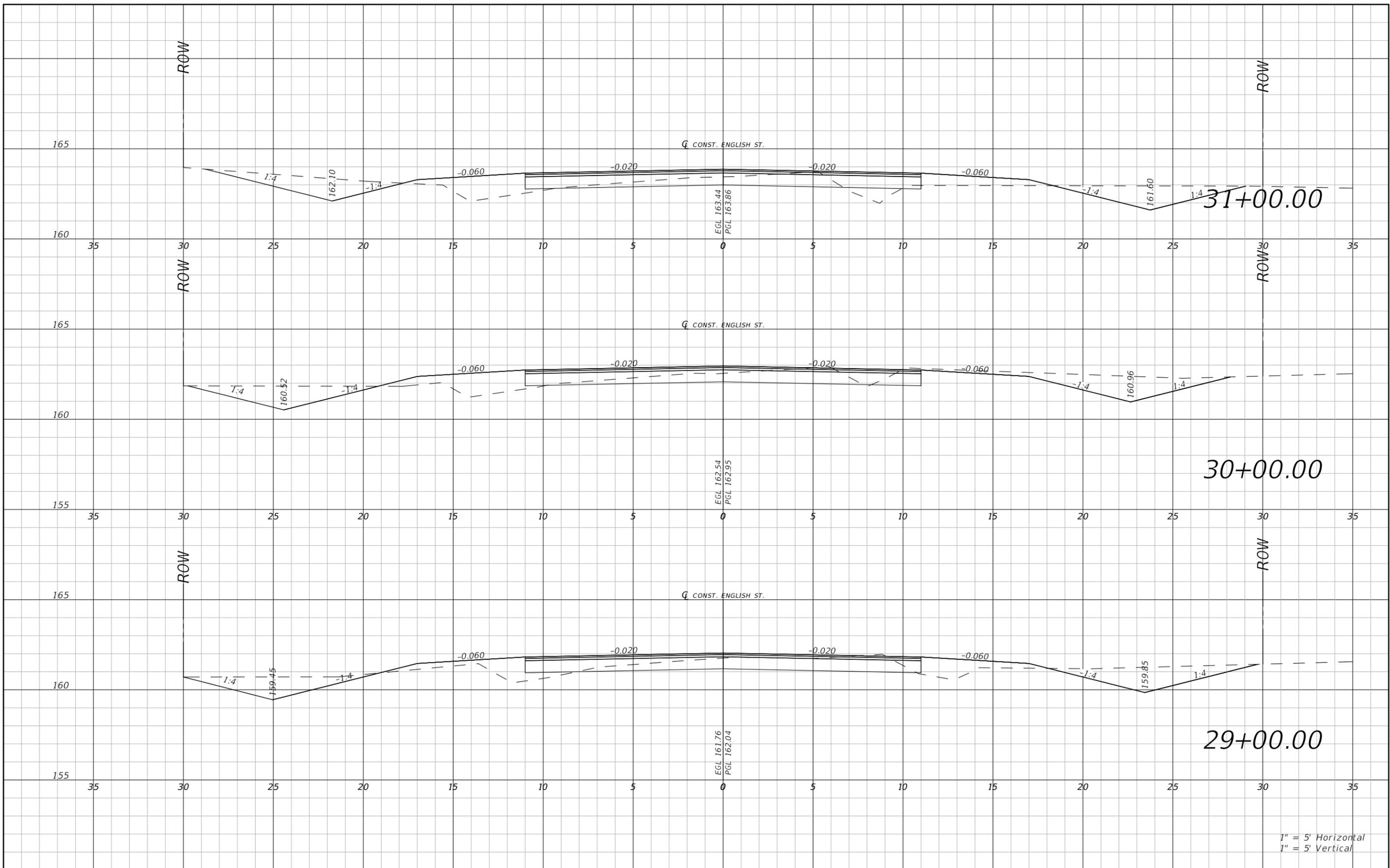
SHEET NO.
32

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1" = 5' Horizontal
1" = 5' Vertical

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			ROADWAY CROSS SECTION ENGLISH ST	SHEET NO. 33
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

RYAN DOUGLAS ASMUS
P.E. LICENSE NUMBER 66626
NFPS
P.O. BOX 3823
LAKE CITY, FLORIDA 32056
CERTIFICATE OF AUTHORIZATION 29011

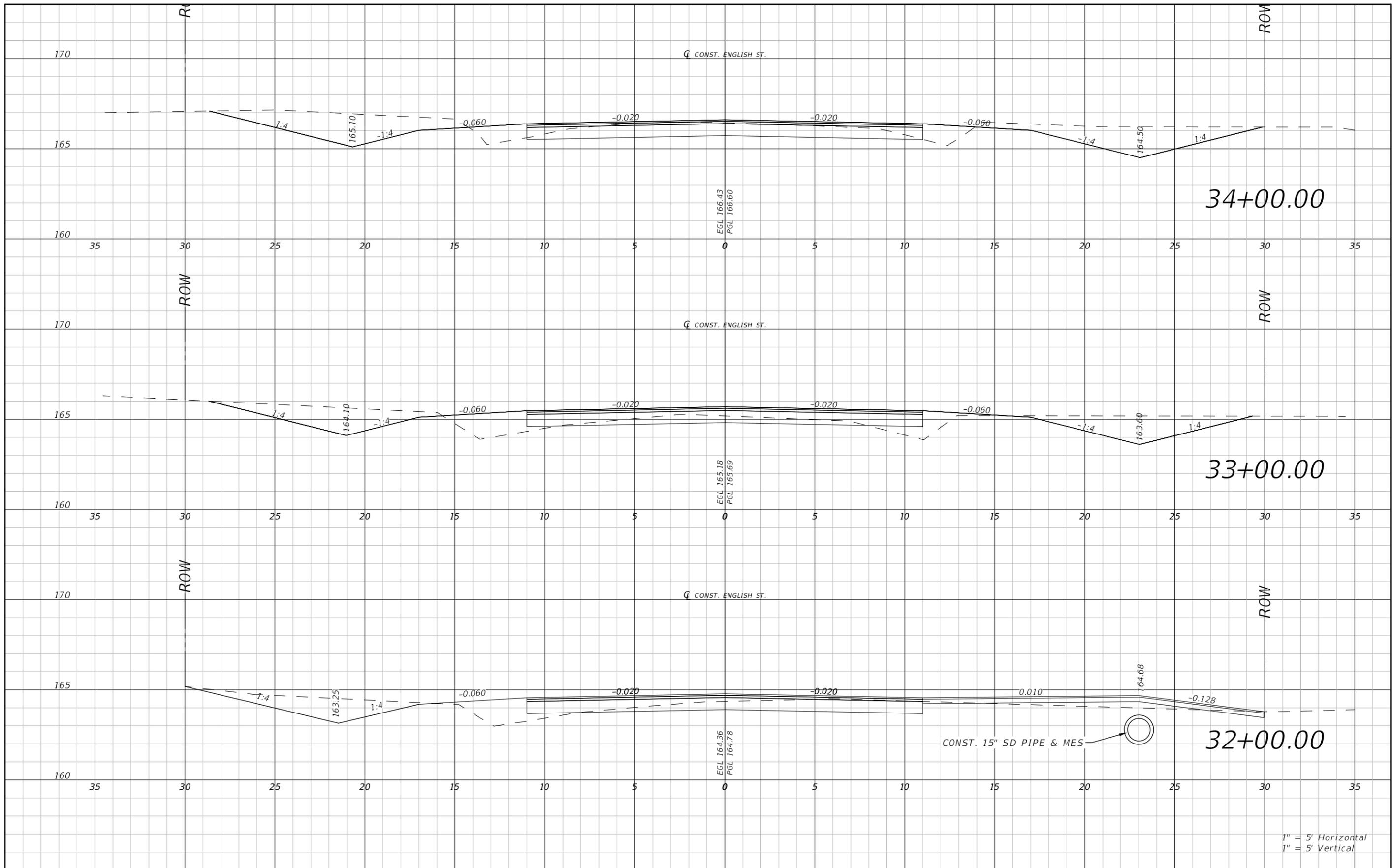
COLUMBIA COUNTY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ENGLISH ST.	COLUMBIA	

ROADWAY CROSS SECTION
ENGLISH ST

SHEET NO.
34

1" = 5' Horizontal
1" = 5' Vertical

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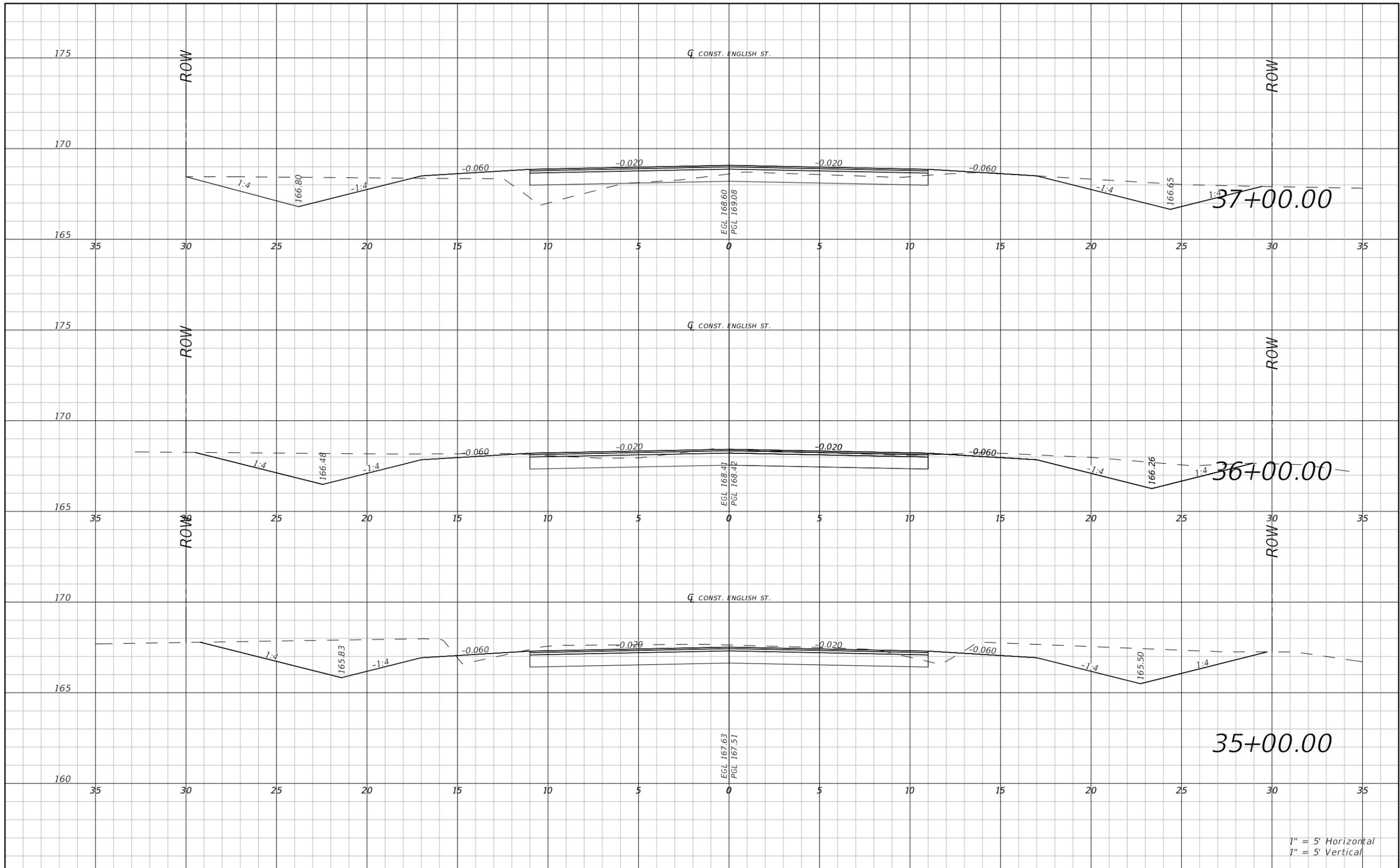
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

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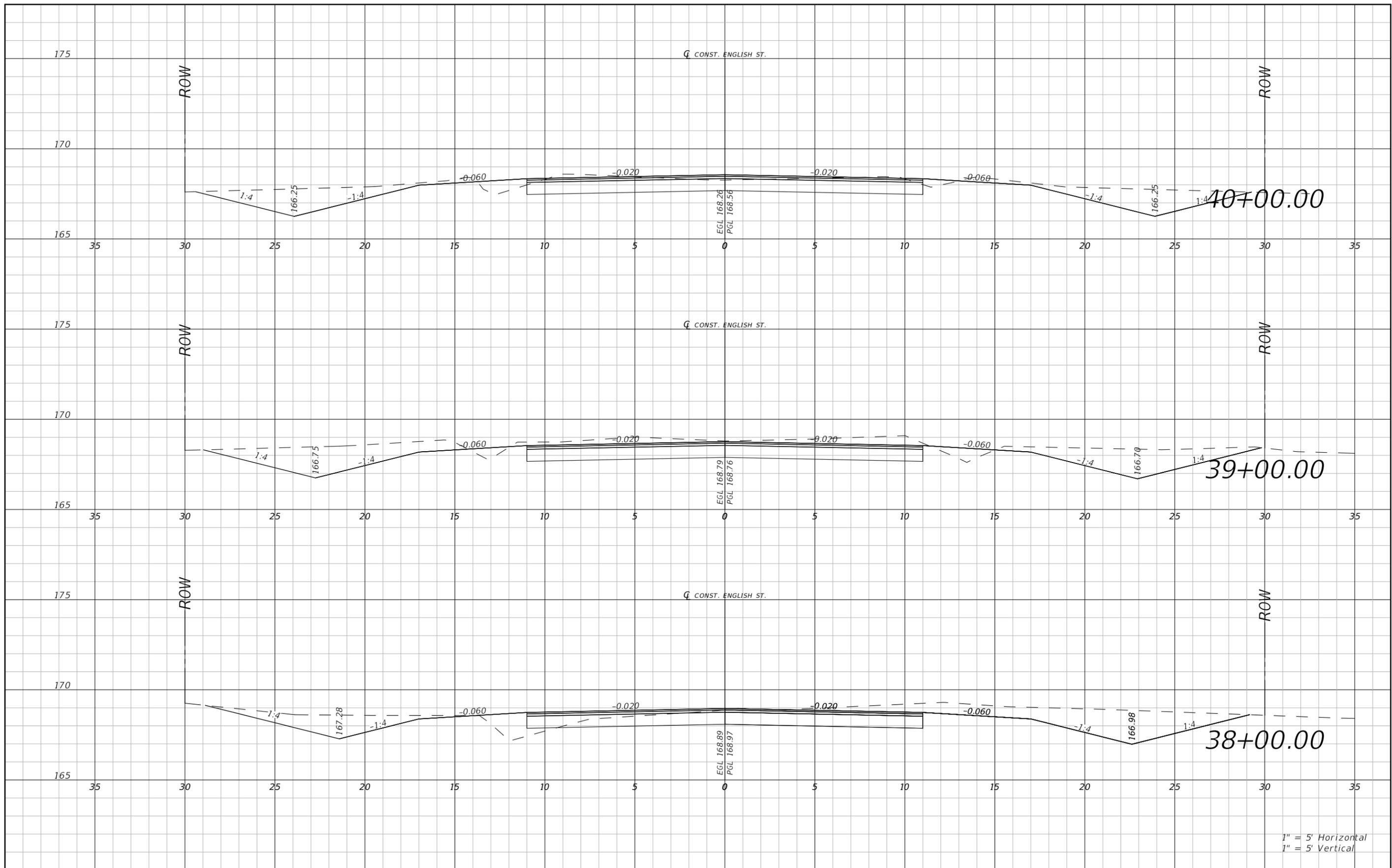
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

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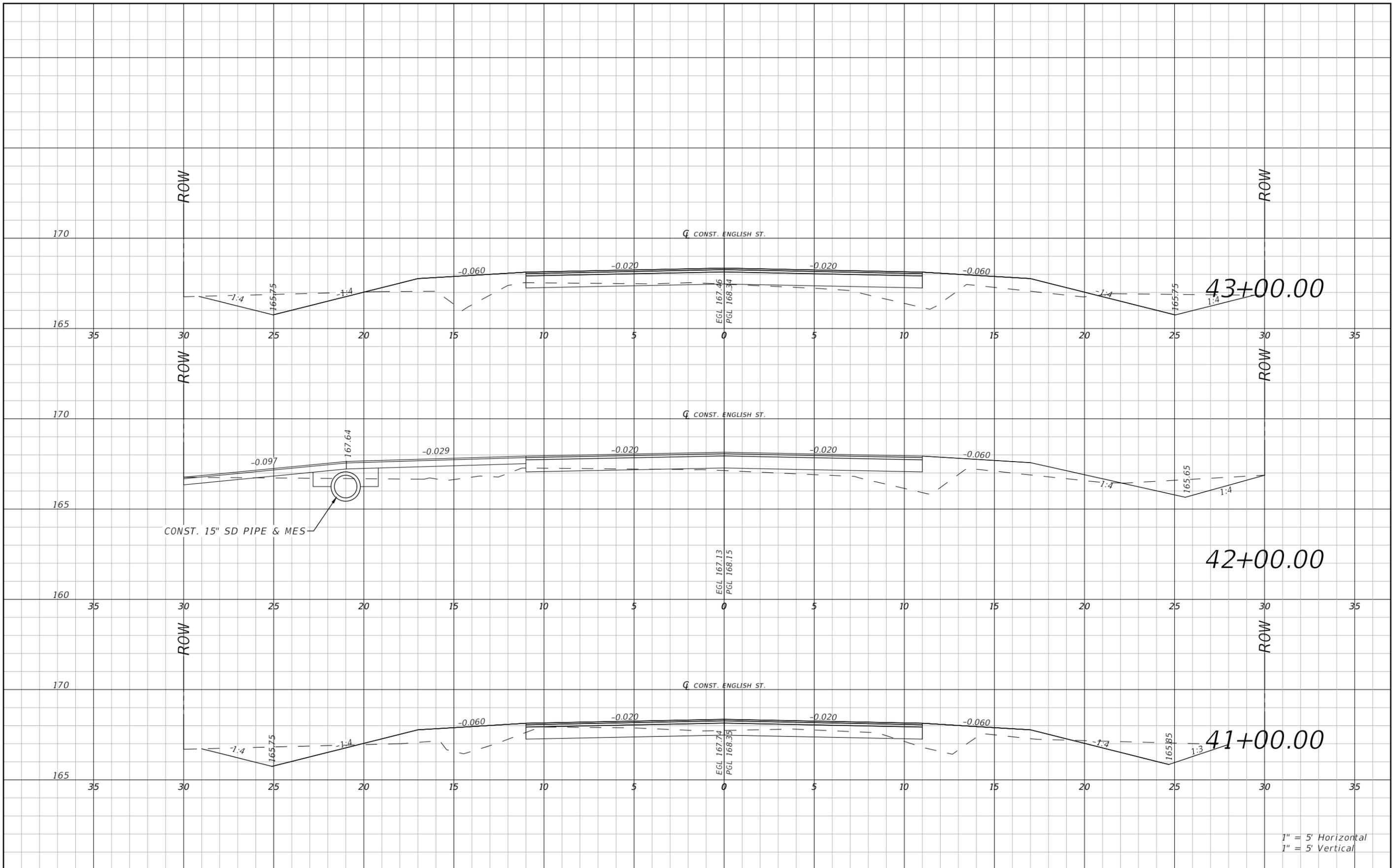
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

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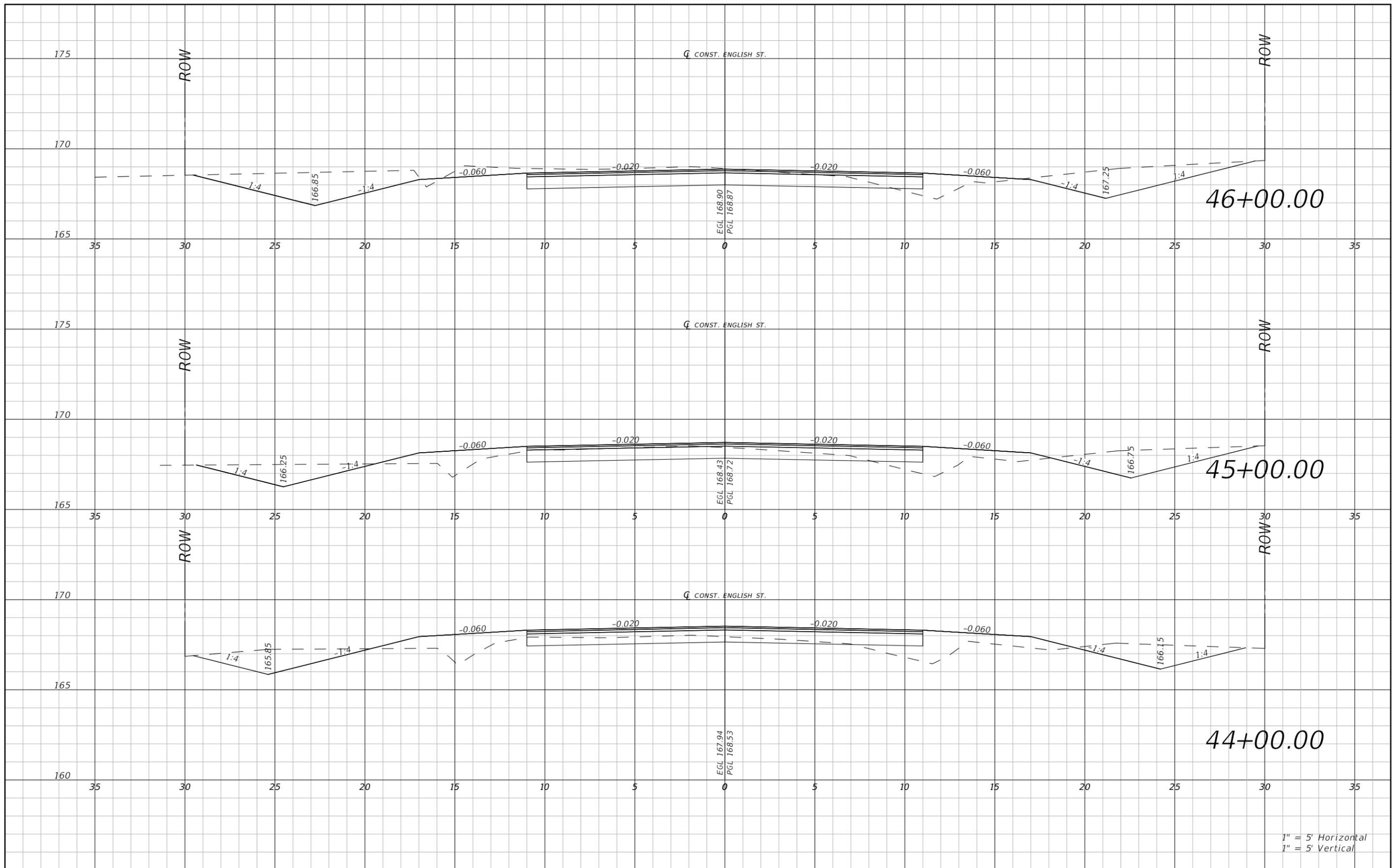
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ENGLISH ST.	COLUMBIA				

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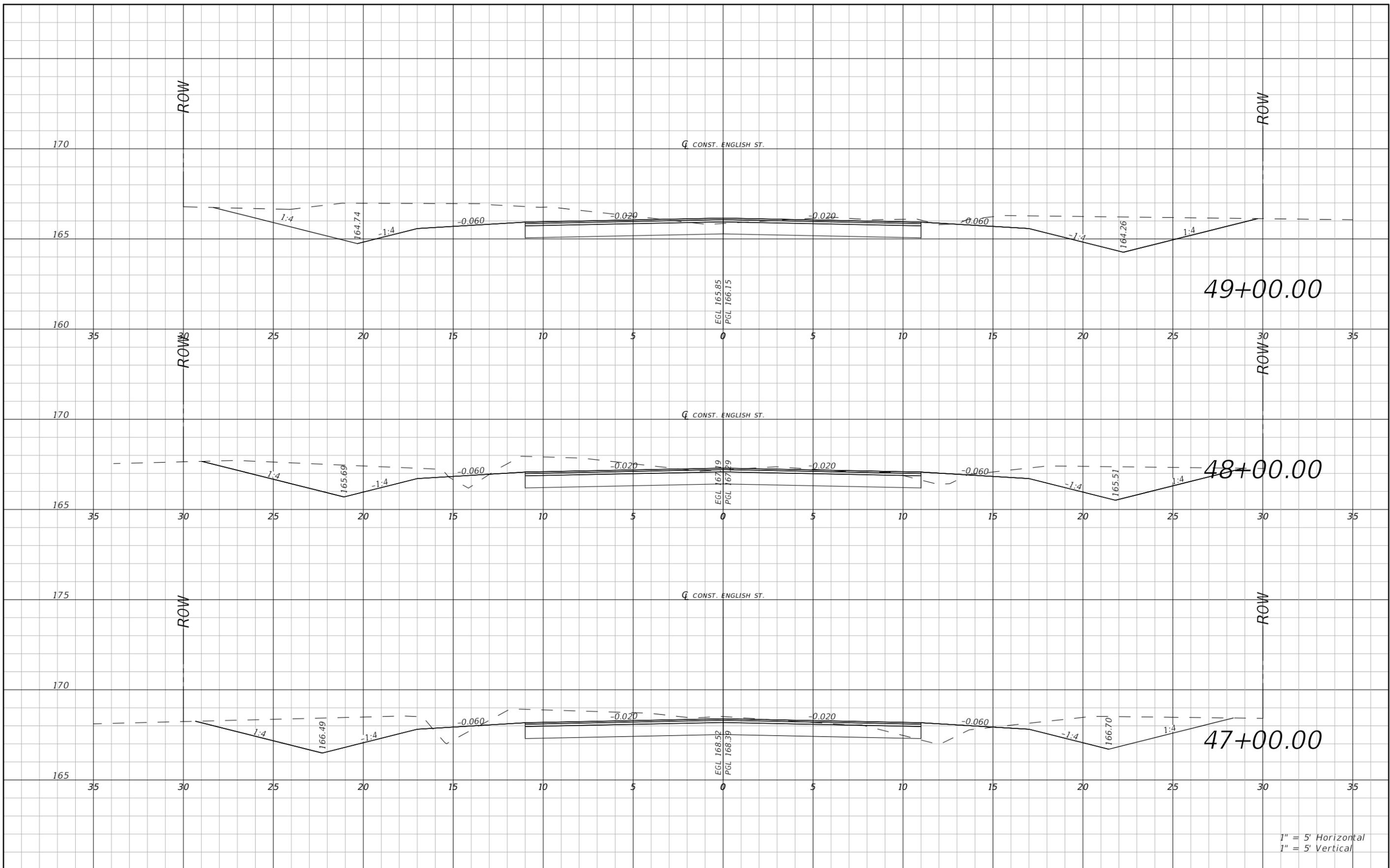
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

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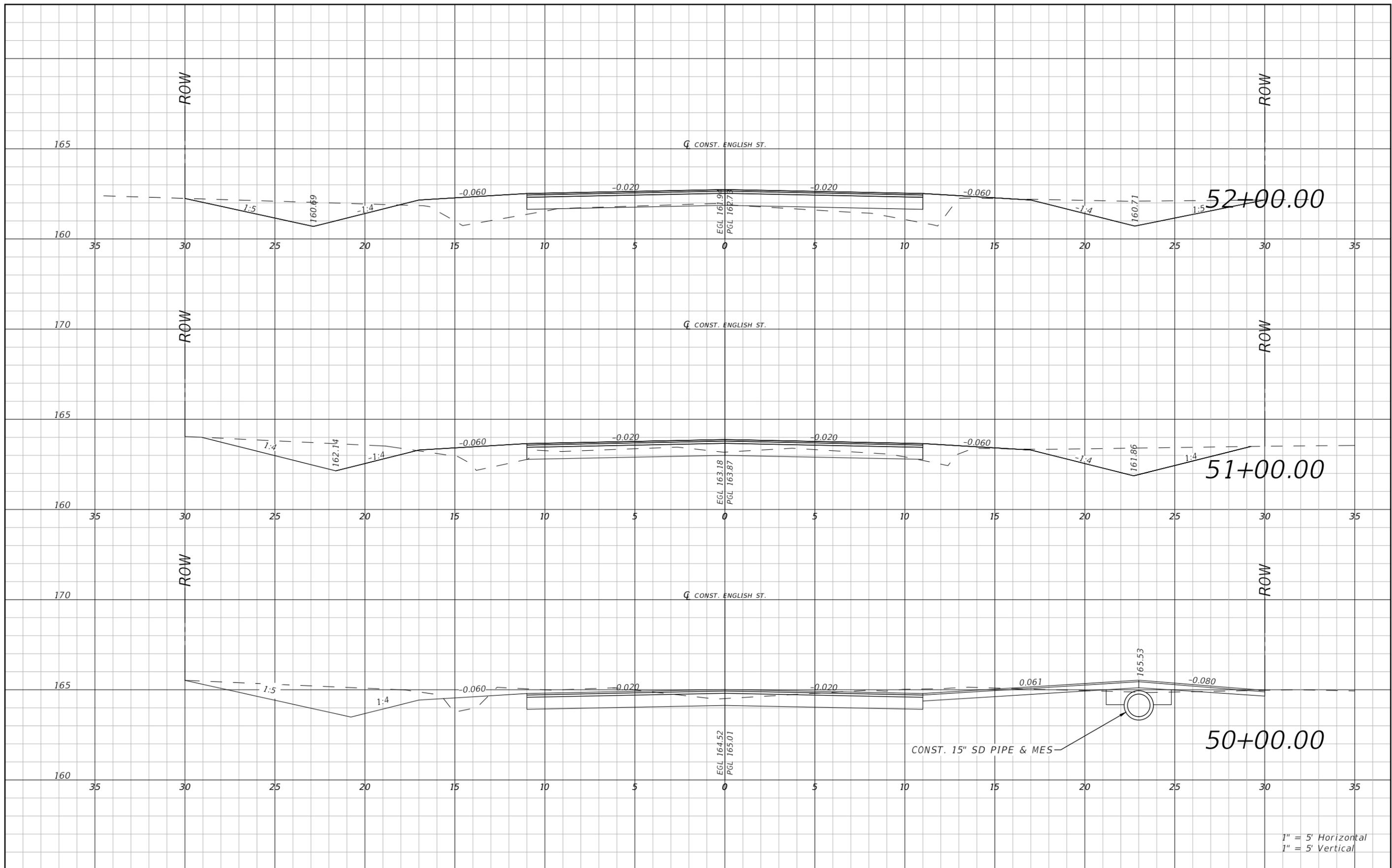
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGLISH ST.	COLUMBIA			

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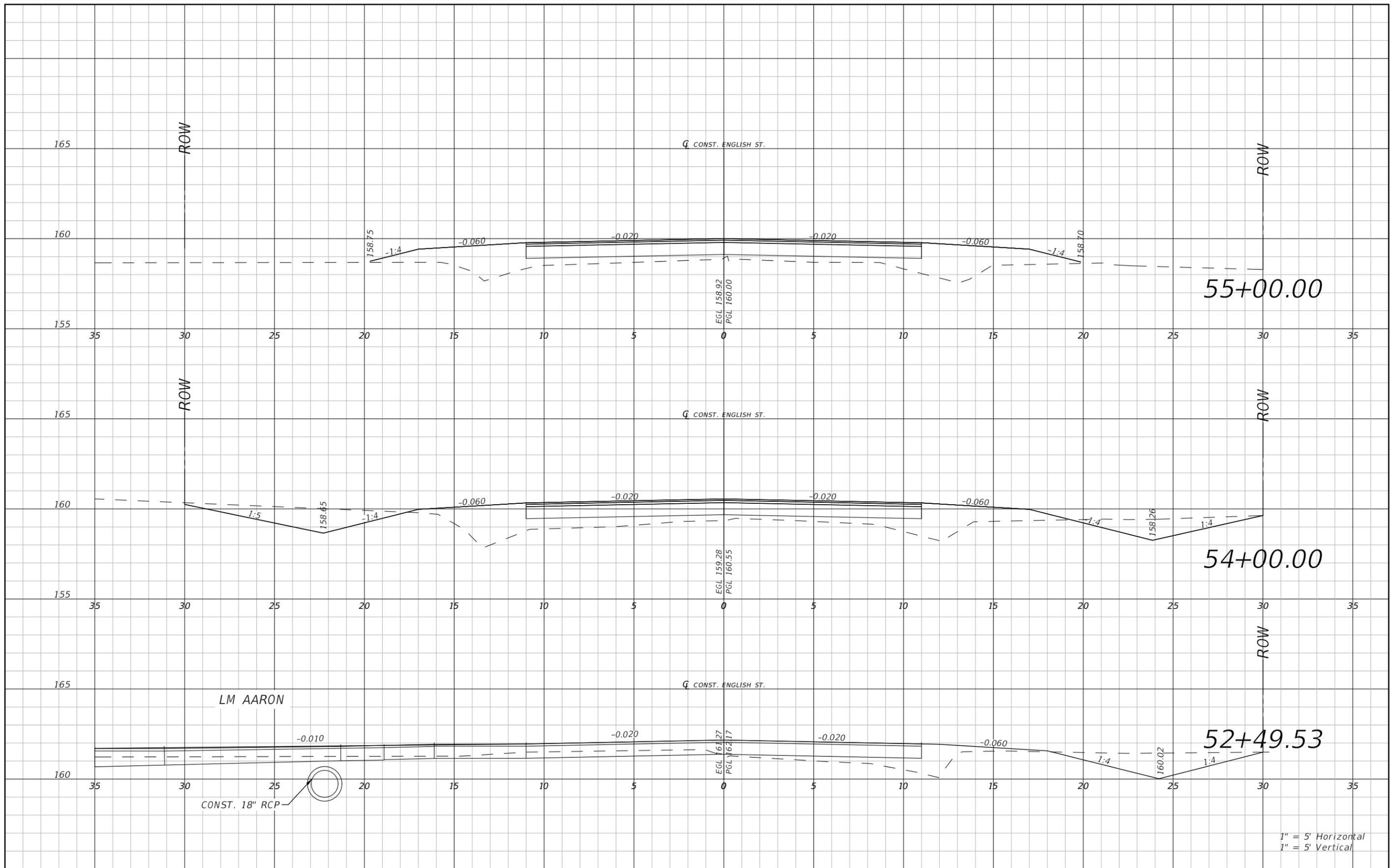
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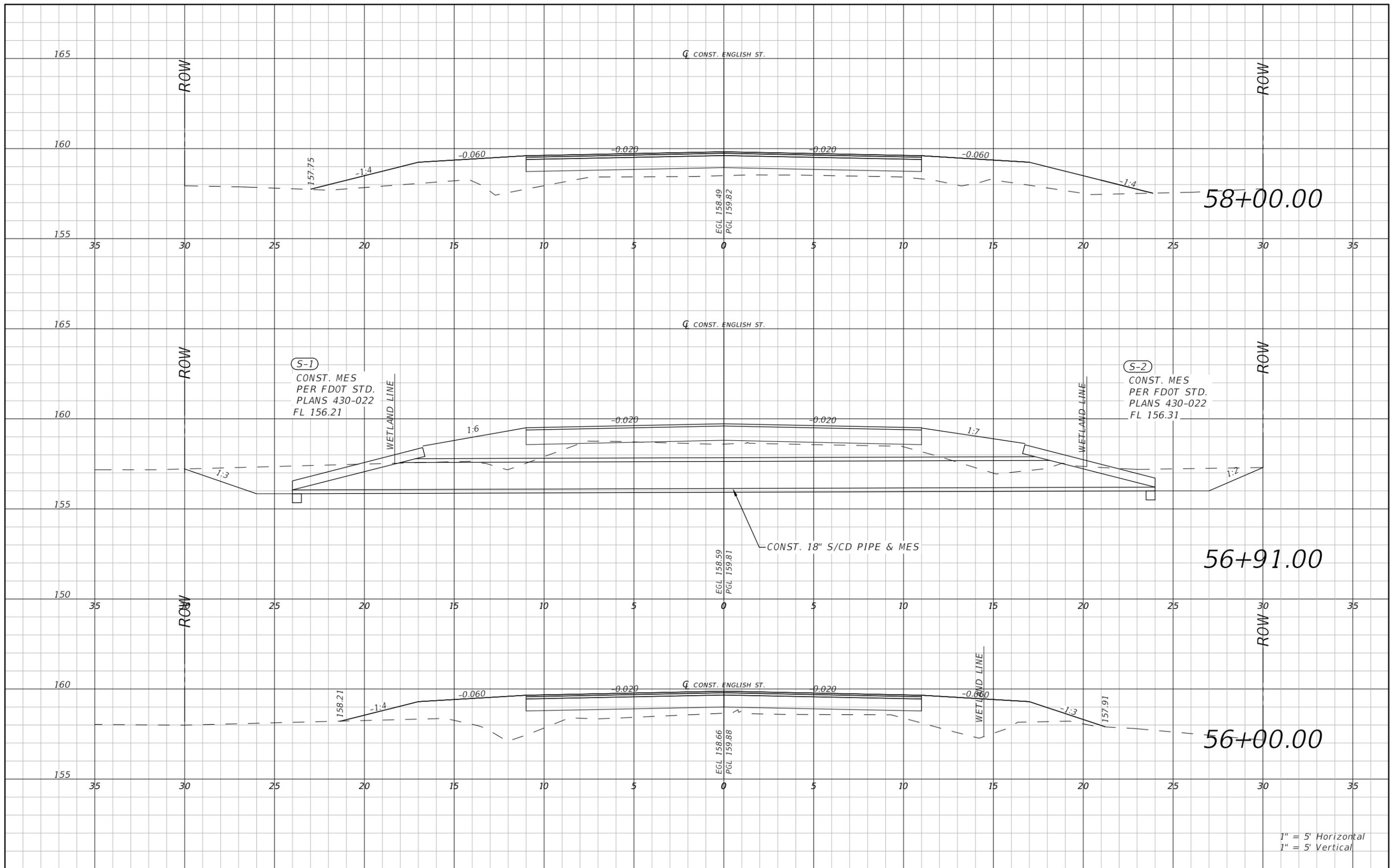
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

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REVISIONS			
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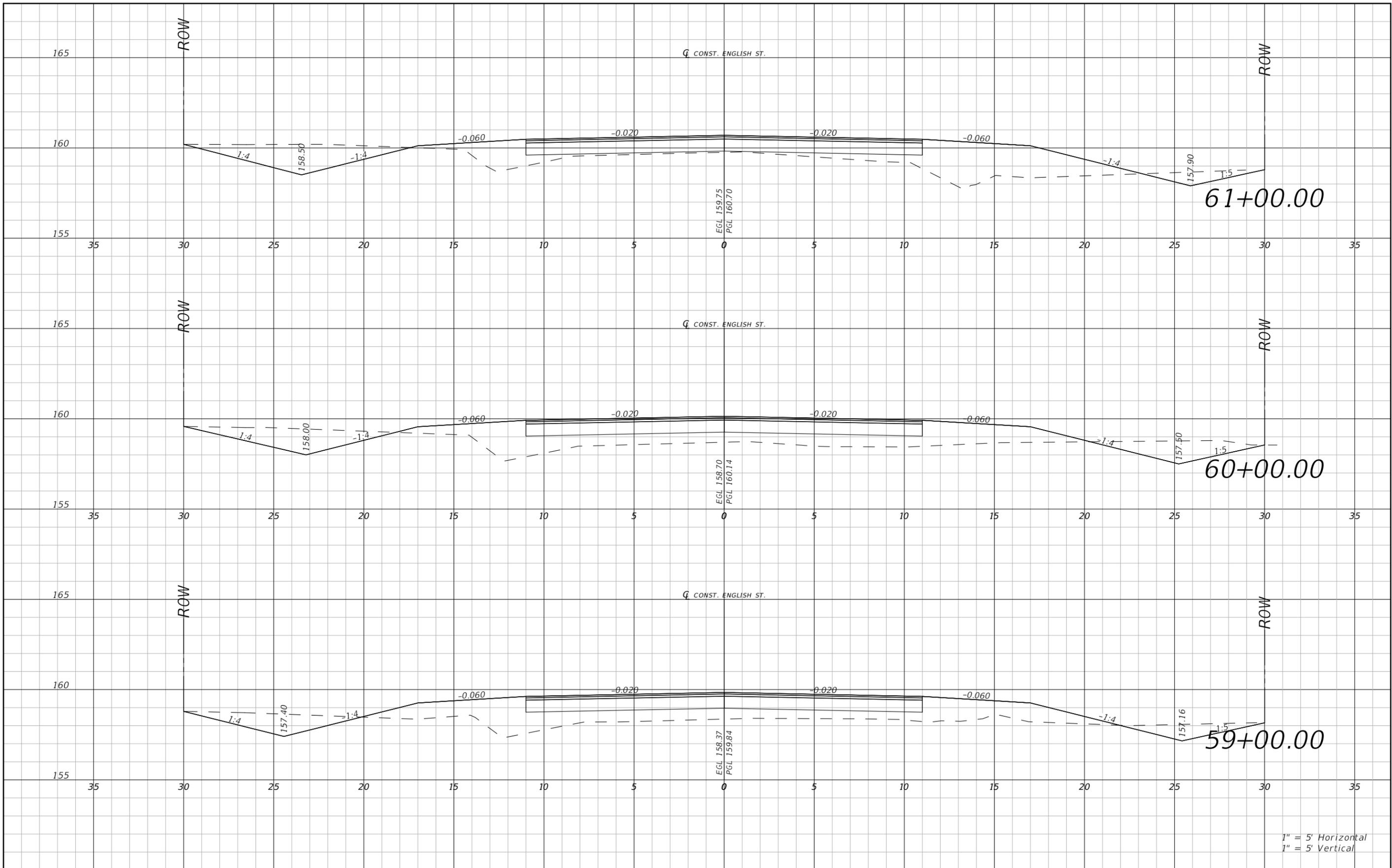
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COLUMBIA COUNTY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ENGLISH ST.	COLUMBIA	

ROADWAY CROSS SECTION
ENGLISH ST

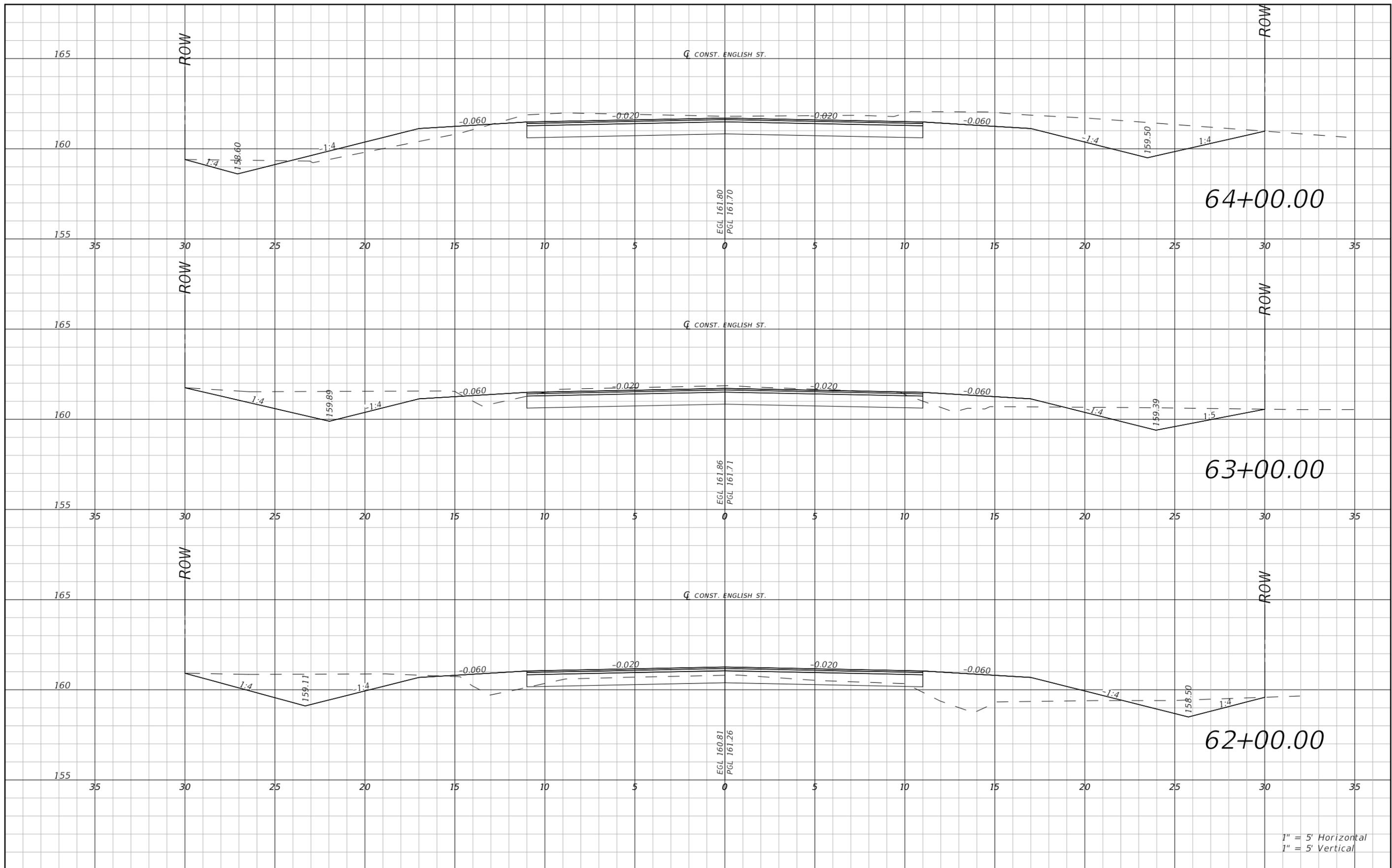
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43

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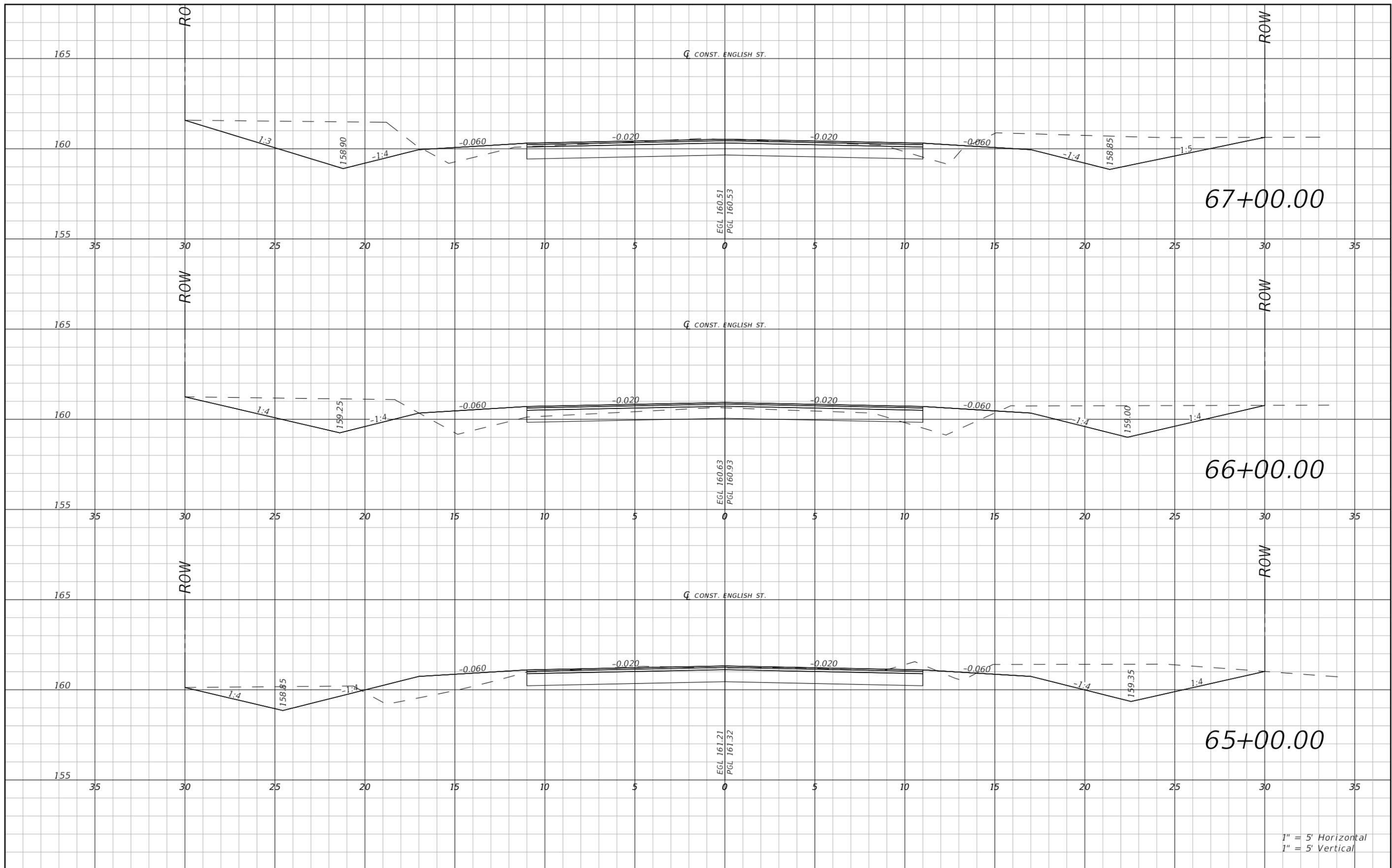
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



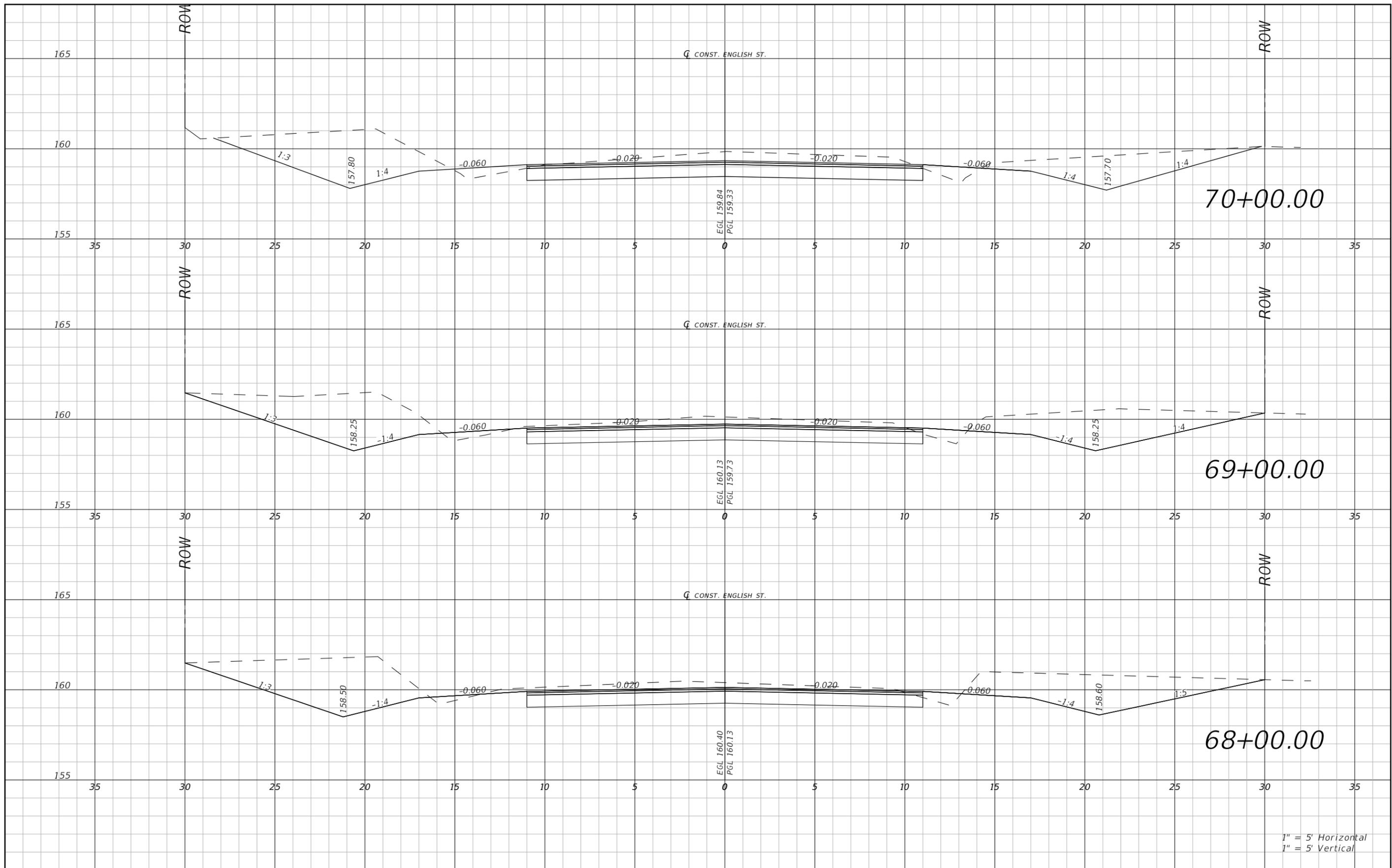
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



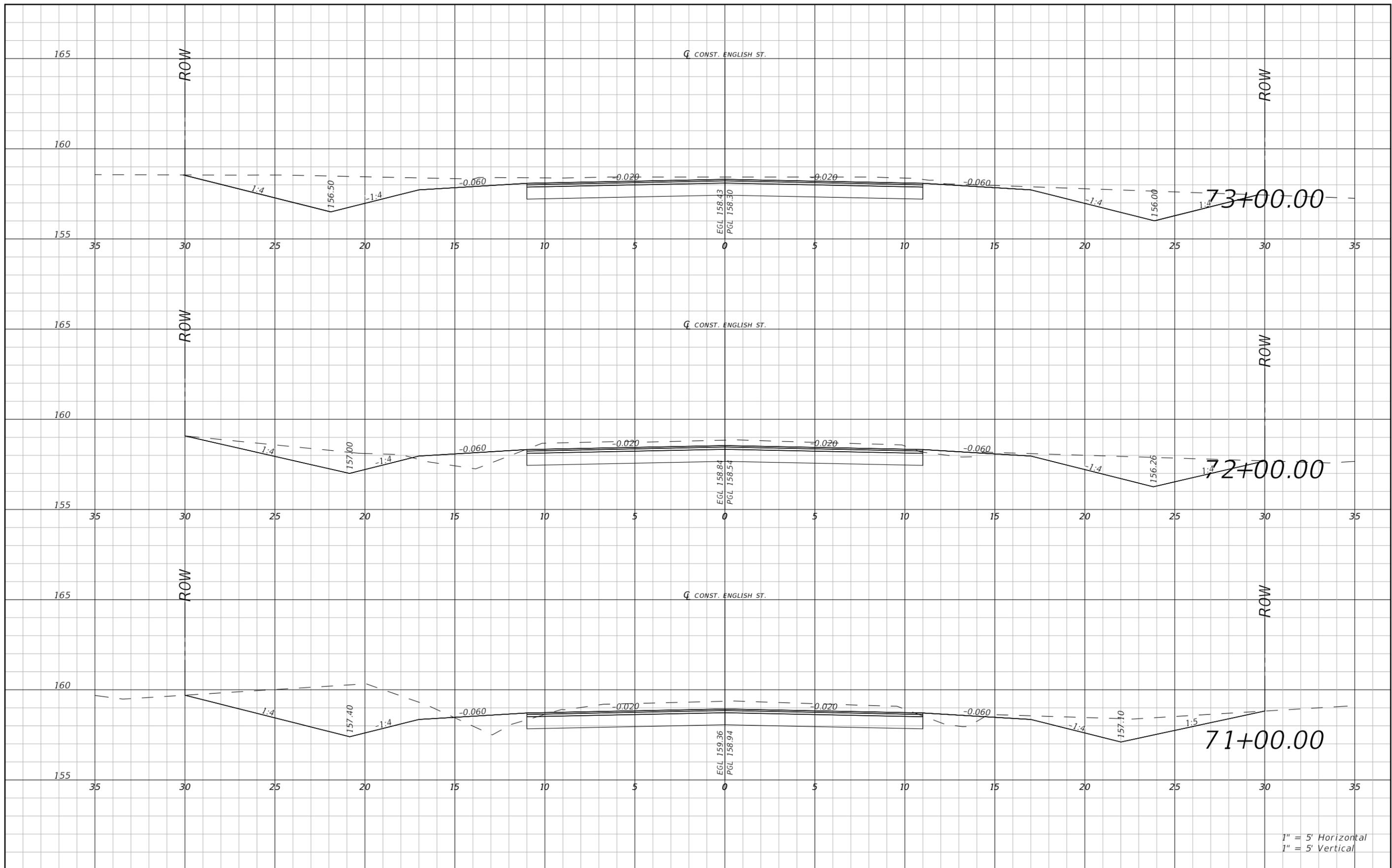
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



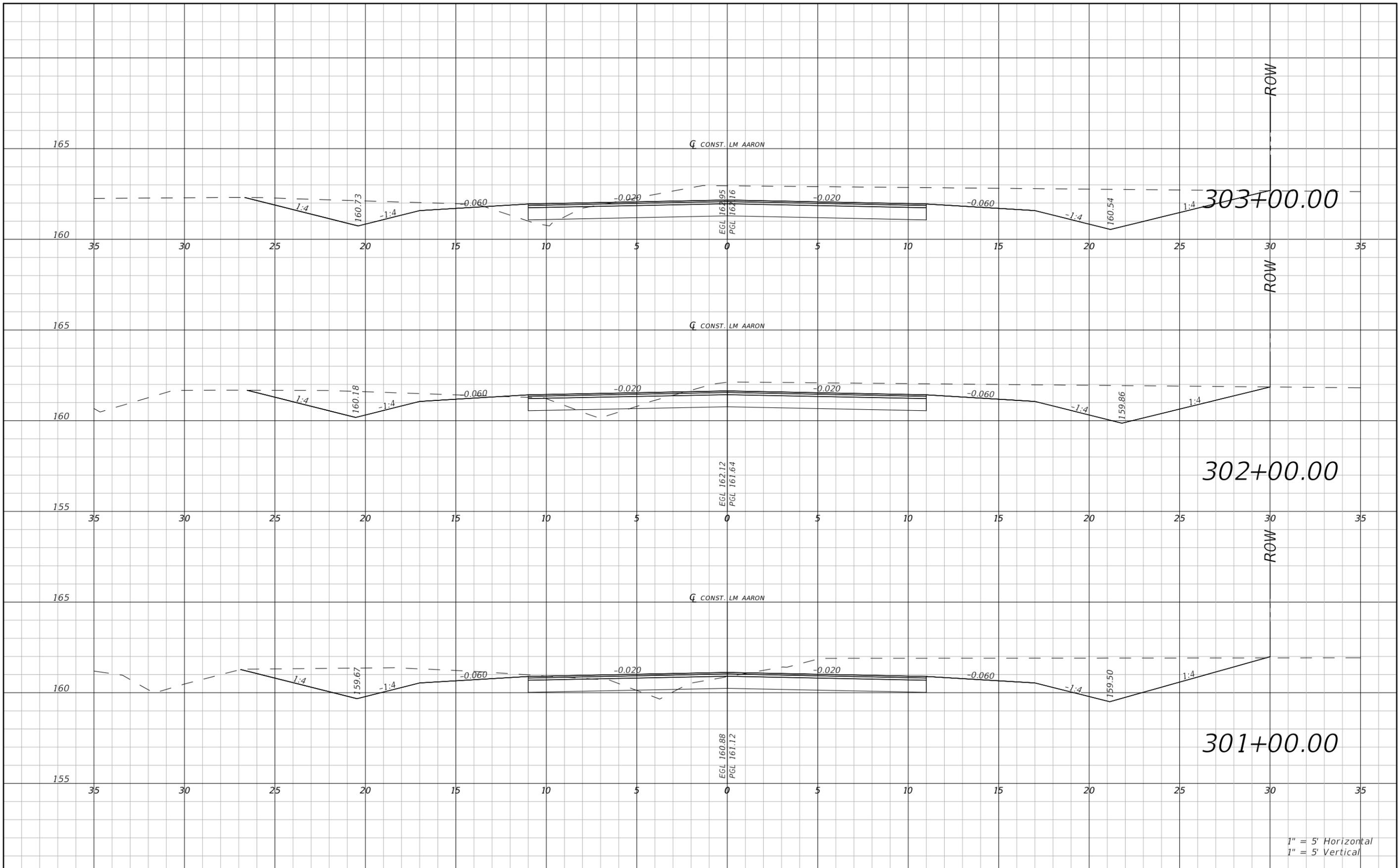
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

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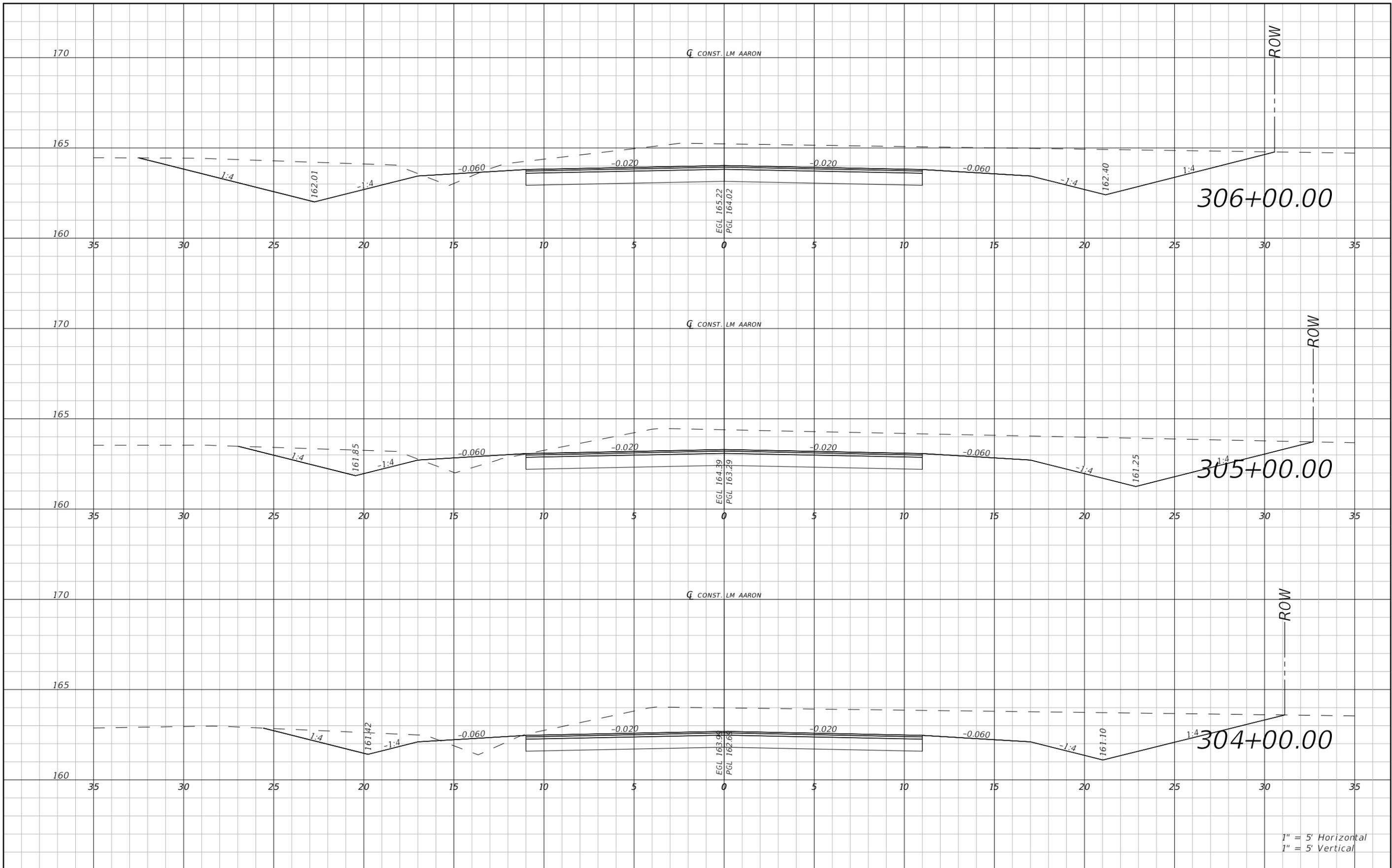
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LAKE CITY, FLORIDA 32056
CERTIFICATE OF AUTHORIZATION 29011

COLUMBIA COUNTY		
ROAD NO. LM AARON	COUNTY COLUMBIA	FINANCIAL PROJECT ID

**ROADWAY CROSS SECTION LM
AARON**

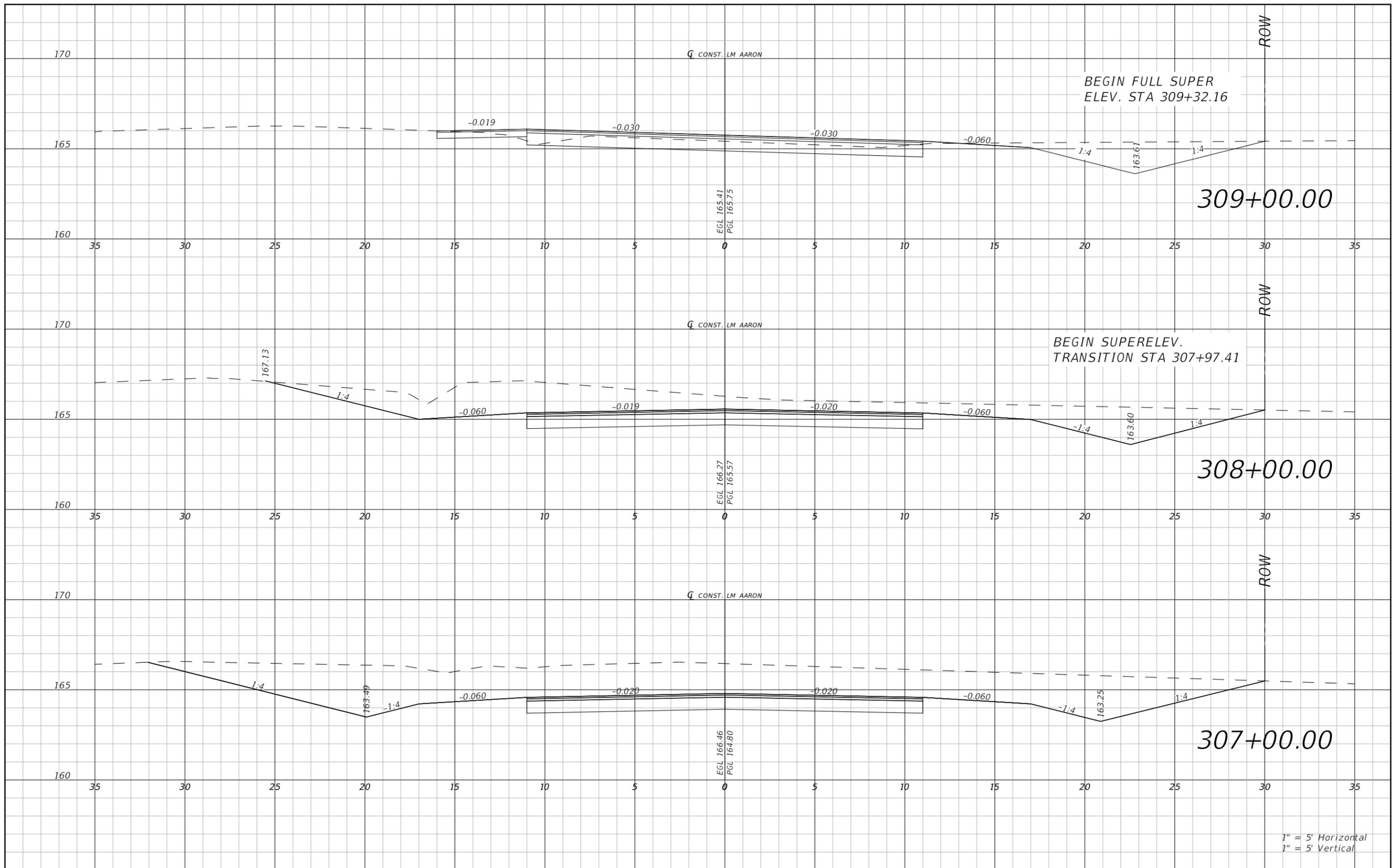
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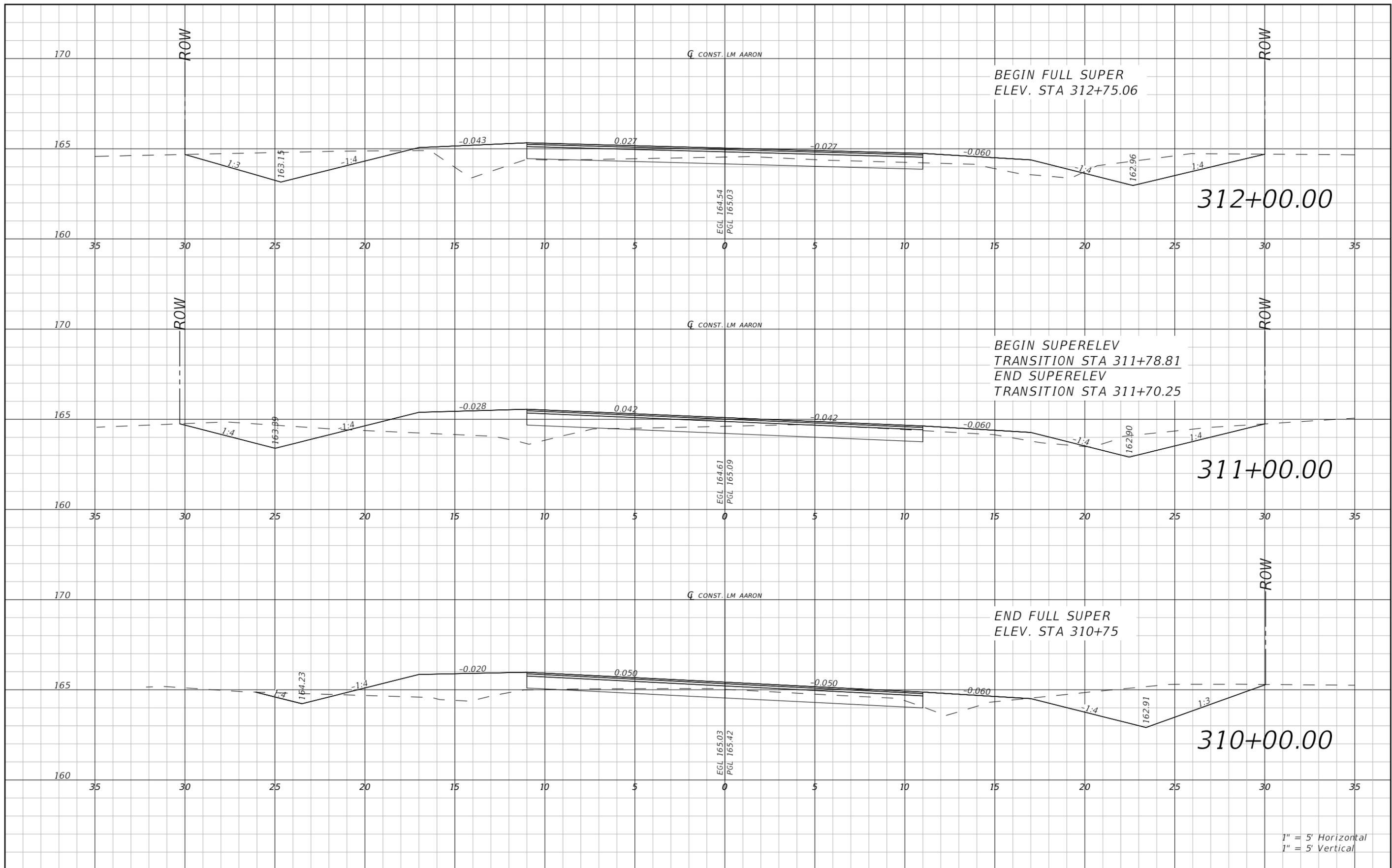
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. LM AARON	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



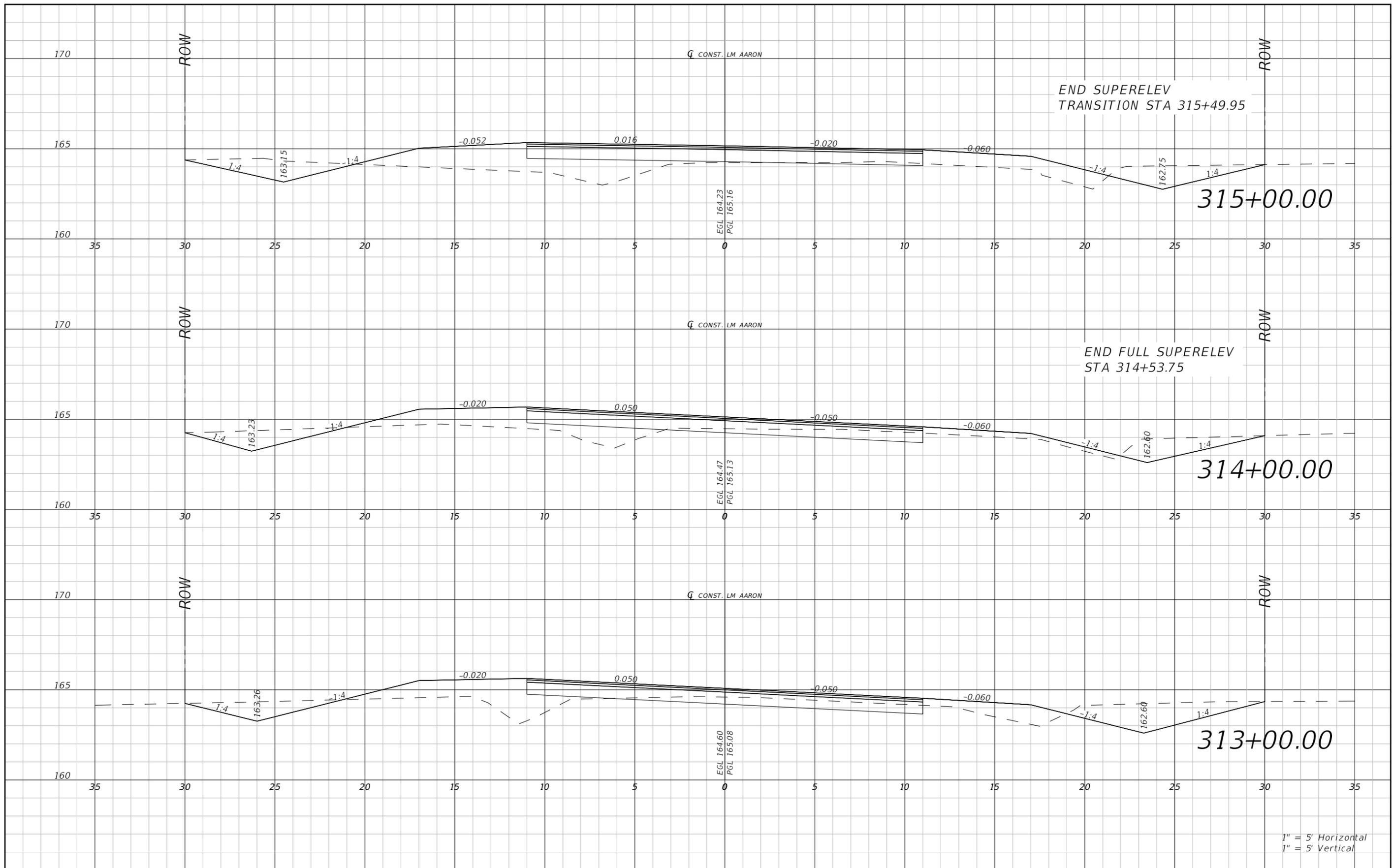
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		51



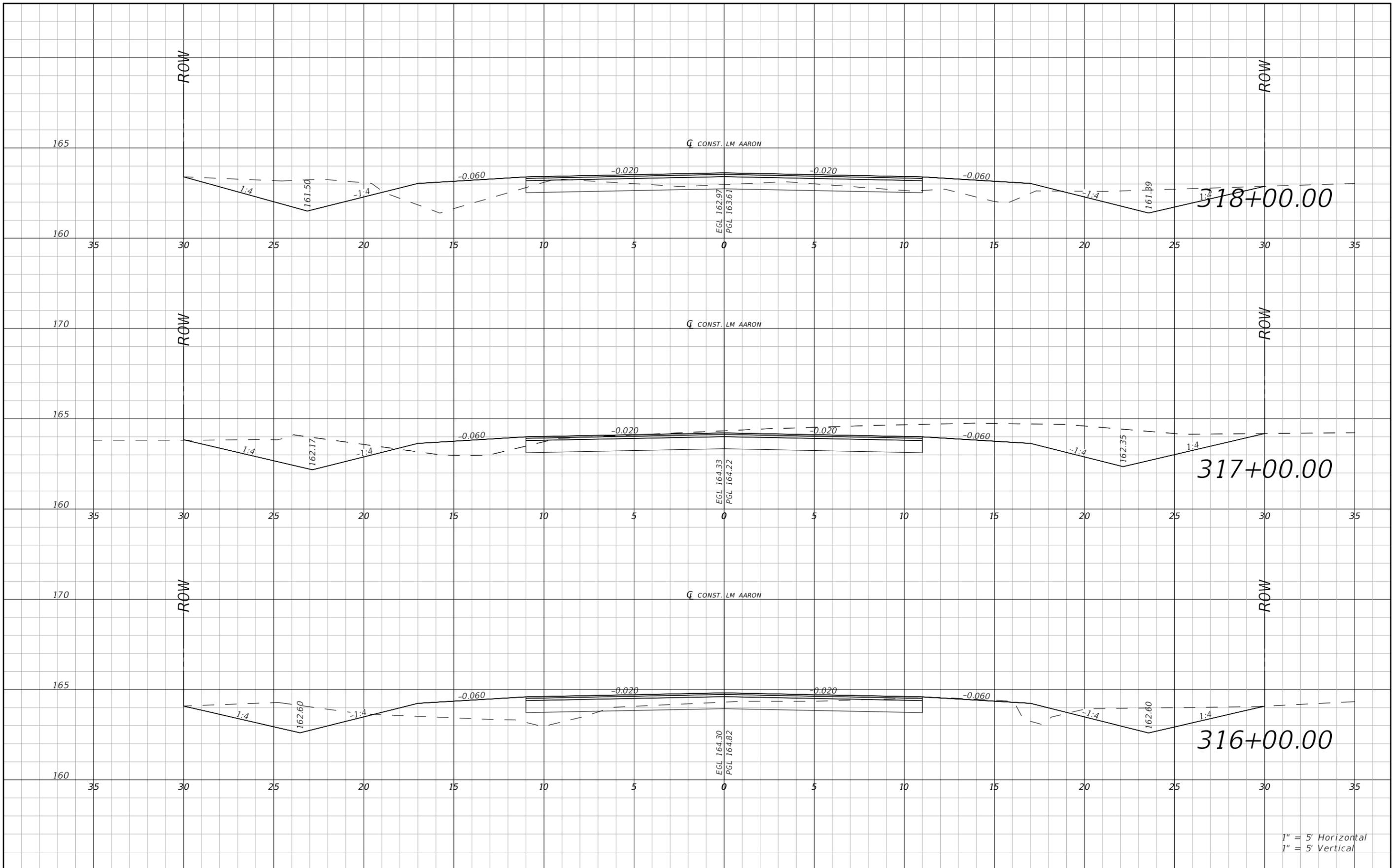
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. LM AARON	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



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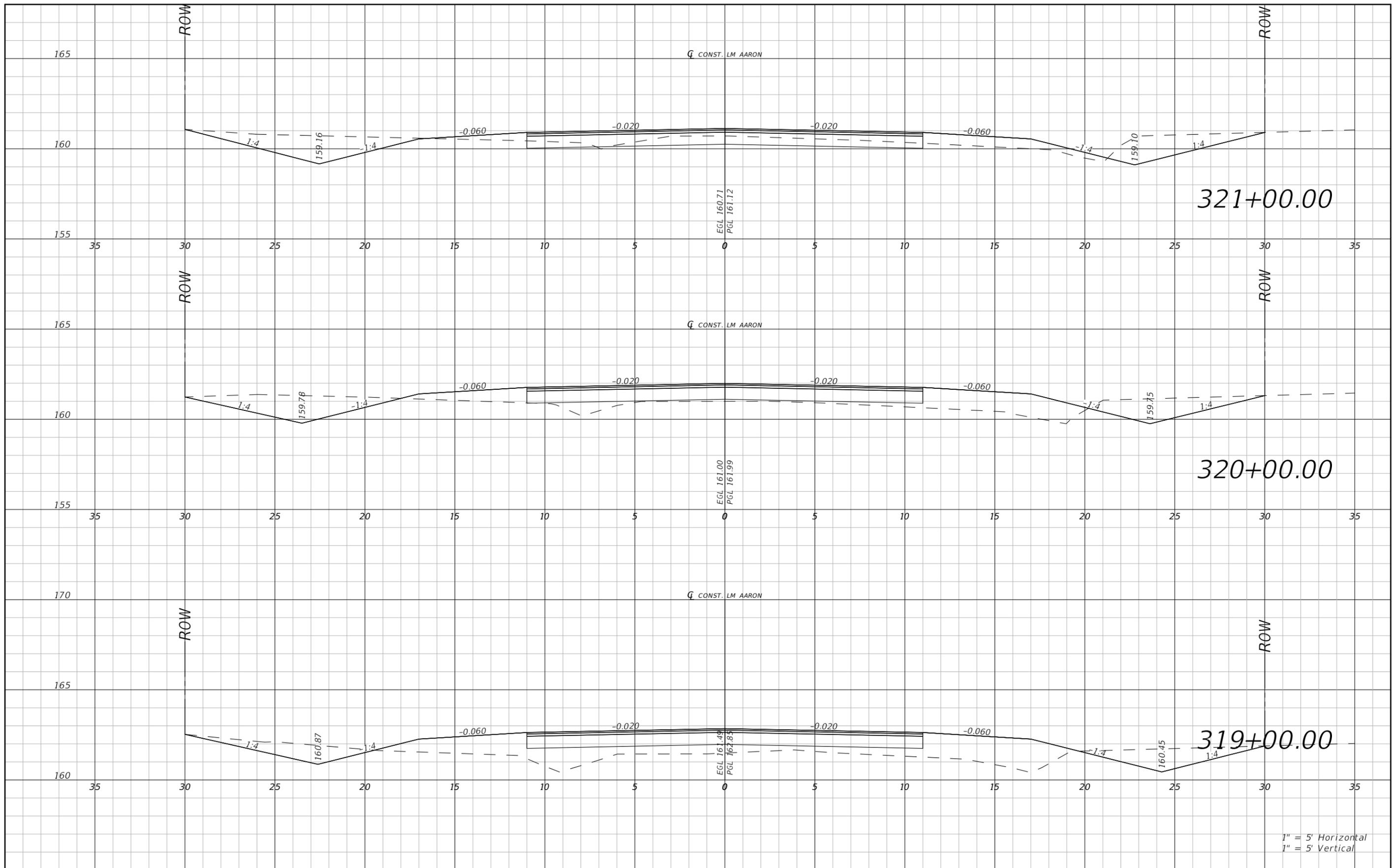
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. LM AARON	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



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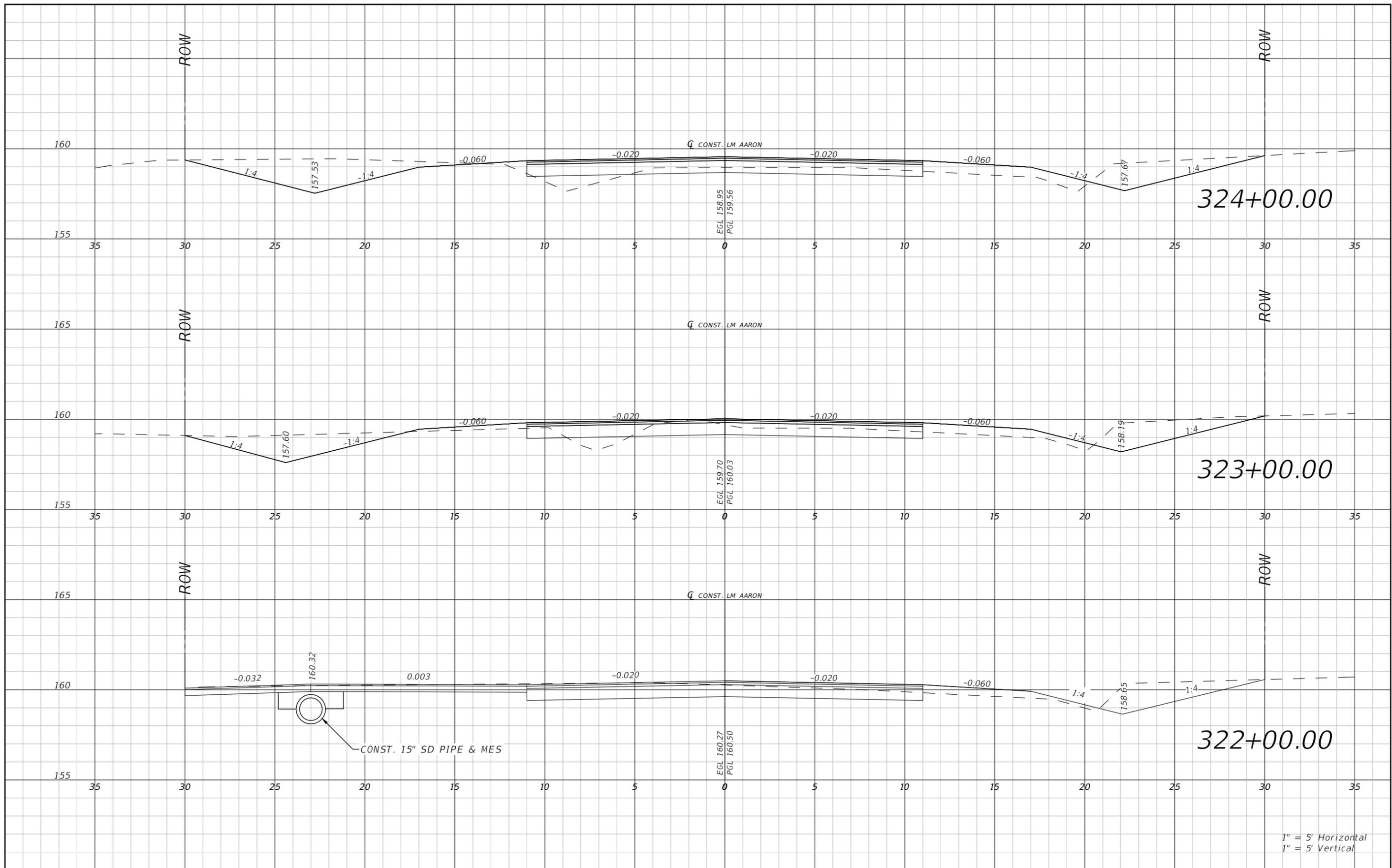
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. LM AARON	COUNTY COLUMBIA	FINANCIAL PROJECT ID		

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. LM AARON	COUNTY COLUMBIA	FINANCIAL PROJECT ID		



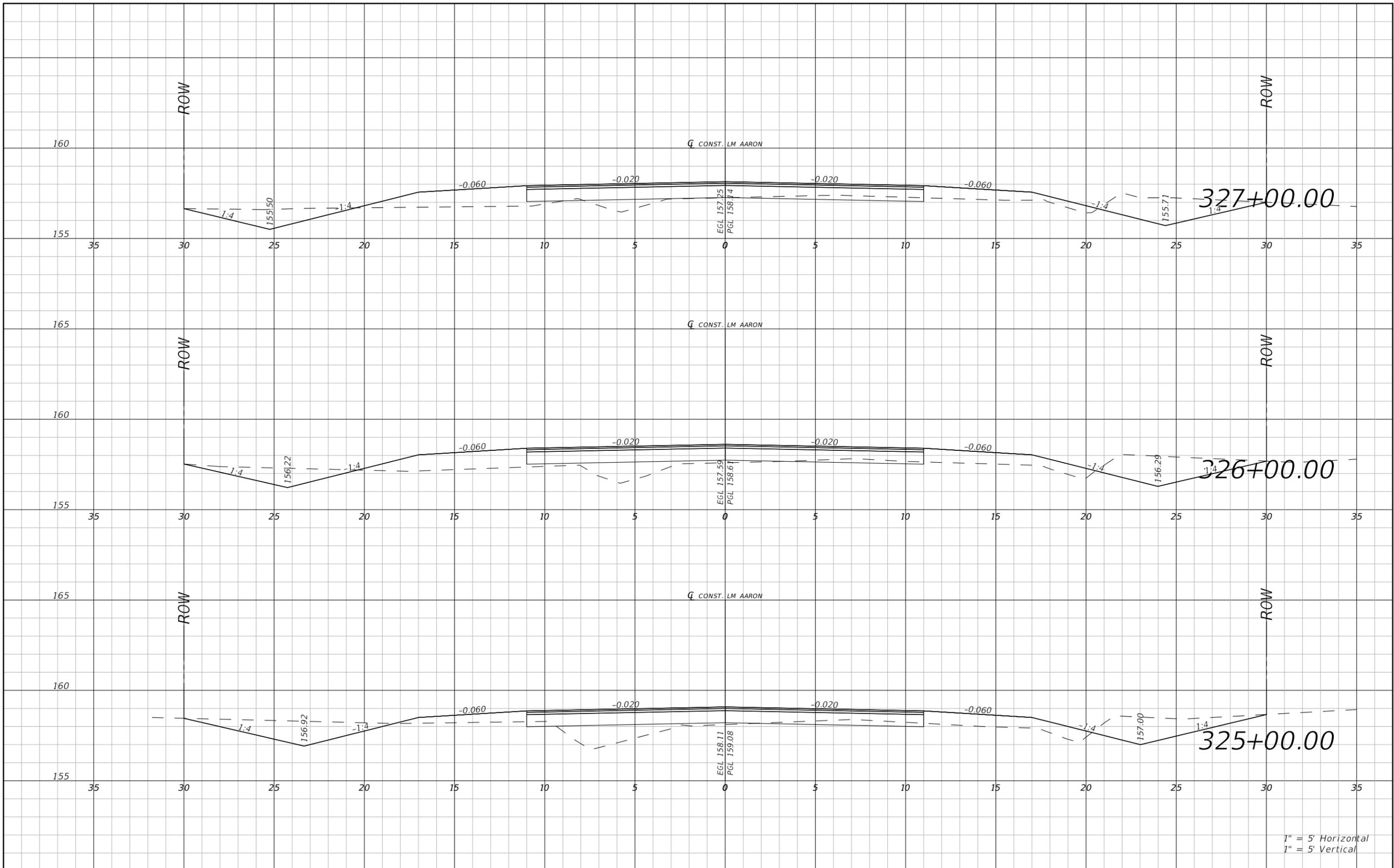
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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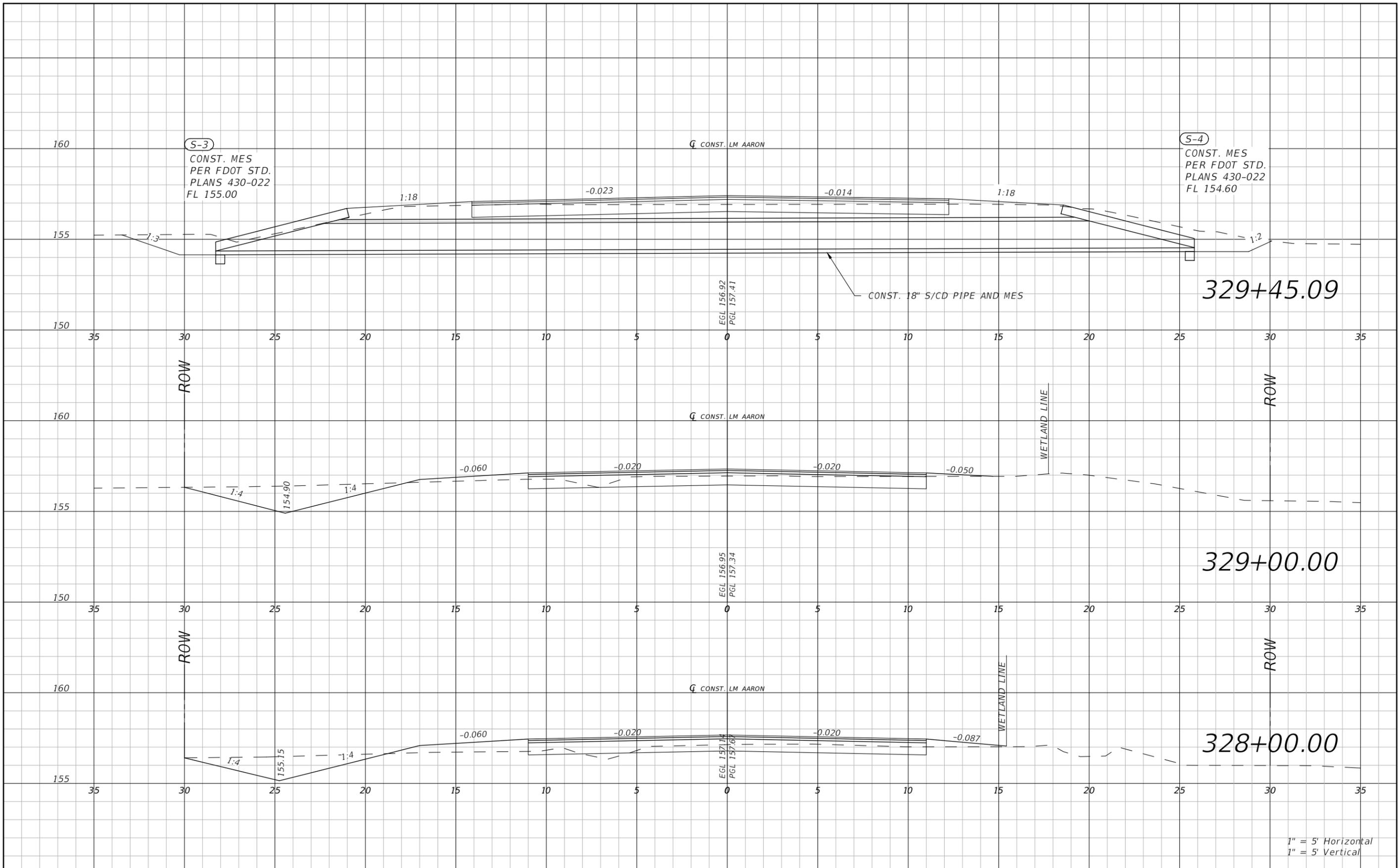
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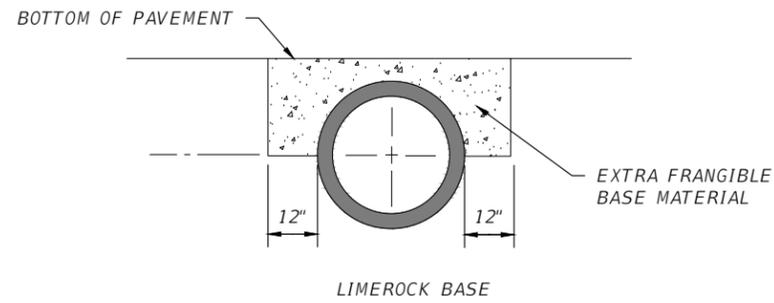
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P.O. BOX 3823
LAKE CITY, FLORIDA 32056
CERTIFICATE OF AUTHORIZATION 29011

COLUMBIA COUNTY		
ROAD NO. LM AARON	COUNTY COLUMBIA	FINANCIAL PROJECT ID

**ROADWAY CROSS SECTION LM
AARON**

SHEET NO. 58

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RD04 **PIPE SADDLE DETAIL**
SCALE: N.T.S

- TO BE USED AT LOCATIONS WHERE COVER HEIGHT IS $\leq 6"$.
- LOCATIONS SHOW IN CROSS SECTIONS.
- PIPE SADDLE MATERIAL AND CONSTRUCTION PAYMENT TO BE INCLUDED IN COST OF PIPE.

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					ENGLISH ST.	COLUMBIA		

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE FDOT SPECIFICATIONS, THE FDOT STANDARD PLANS, EROSION & SEDIMENT CONTROL MANUAL (E&SC) AND OTHER SHEETS OF THESE CONSTRUCTION PLANS.

THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDES SEVERAL ITEMS:

- * THIS NARRATIVE DESCRIPTION AND DOCUMENTS REFERENCED IN THIS NARRATIVE
 - * THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY FDOT SPECIFICATION SECTION 104
 - * REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION
 - * CONTRACTORS AND SUBCONTRACTORS SIGNED CERTIFICATIONS OF SWPPP
- THE SWPPP MUST BE KEPT CURRENT AND UPDATED WITHIN 7 CALENDAR DAYS OF THE EVENT. ALL CHANGES MUST BE SIGNED, DATED KEPT AS ATTACHMENTS TO THE ORIGINAL SWPPP AND POSTED ON THE PROJECT BULLETIN BOARD.

1.0 SITE DESCRIPTION:

1. A. DESCRIPTION OF CONSTRUCTION ACTIVITY: PAVING A DIRT ROAD

- 1. B. MAJOR SOIL DISTURBING ACTIVITIES: CLEARING AND GRUBBING, EARTHWORK IDENTIFY THE "DO NOT DISTURB AREAS" (SENSITIVE/WETLANDS): SEE PLANS AND PERMITS.
- 1. C. AREA ESTIMATES

TOTAL SITE AREA (ACRES): 12.7
 TOTAL AREA TO BE DISTURBED (ACRES): 12.3

1. D. RUNOFF DATA

RUNOFF COEFFICIENTS: BEFORE: 0.30
 AFTER: 0.51

OUTFALLS: THERE IS ONE OUTFALL STRUCTURE

RECEIVING WATER NAME: UNNAMED WETLAND

OUTFALL LOCATIONS (EXISTING):

DESCRIPTION/STATION	LATITUDE	LONGITUDE
18" CO STA 56+91	30° 03' 03" N	82° 36' 15" W

1. E. SITE MAP

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAP. IF AN ADDITIONAL MAP WITH CONTOUR INFORMATION IS REQUIRED, PROVIDE THE APPROPRIATE USGS QUADRANGLE MAP FOR THIS PURPOSE.

FLAG SENSITIVE/WETLAND AREAS NOT TO BE DISTURBED.

1. F. RECEIVING WATERS

WATER IS PRIMARILY CONVEYED BY:
 ROADSIDE DITCHES TO EXISTING LOW AREAS ADJACENT TO THE ROADWAY.

2.0 CONTROLS

2.A. EROSION AND SEDIMENT CONTROLS

EROSION AND SEDIMENT CONTROL MEASURES, AT A MINIMUM, SHALL BE PLACED:

- * TO PROTECT RECEIVING WATERS
- * IN LOCATIONS WHERE THERE IS NO DITCH BACK SLOPE
- * AT ALL INLETS AND PONDS
- * ALONG THE ROADWAY AT ALL LOCATIONS WHERE THERE IS AN ADJACENT WETLAND

2.A.1. STABILIZATION PRACTICES

INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS. IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.

BACKFILL AND STABILIZE WITH SOD WITHIN 48 HOURS OF COMPLETION OF THE CURING PERIOD FOR BOX CULVERTS / EXTENSIONS AND FOR ALL CROSS DRAINS OR OUTFALL MODIFICATIONS.

MAINTAIN DRAINAGE UNTIL PERMANENTLY STABILIZED

WHEN EMBANKMENT EXCEEDS TEN FEET OR GREATER IN HEIGHT, STABILIZE THE SIDE SLOPES AS THE EMBANKMENT IS PLACED OR IMMEDIATELY AFTER EACH TEN FEET OF EMBANKMENT IS PLACED.

IF DIRT DAMS ARE TO BE USED, THE DAM MUST BE WRAPPED IN FILTER FABRIC OR AN EQUIVALENT MATERIAL TO PREVENT DIRT FROM BEING WASHED DOWNSTREAM DURING STORM EVENTS.

2.A.2. STRUCTURAL PRACTICES

INSTALL SEDIMENT BARRIERS AND TEMPORARY GRASSING TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL.

NO MATERIAL SHALL BE STOCKPILED IN EROSION PRONE AREAS.

2.B. STORMWATER MANAGEMENT

CONSTRUCT STORMWATER SYSTEMS TO CONVEY RUNOFF IN OPEN ROADSIDE DITCHES AND CONTROLLED WITH APPROVED DEVICES.

2.C. OTHER CONTROLS

2.C.1. OFF-SITE VEHICLE TRACKING AND DUST CONTROL

TO MINIMIZING OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- * COVERING LOADED HAUL TRUCKS WITH TARPULINS
- * REMOVING EXCESS DIRT FROM ROADS DAILY
- * USE ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES
- * STABILIZE CONSTRUCTION ENTRANCES
- * SOIL TRACKING PREVENTION DEVICE

2.C.2. WASTE DISPOSAL

DO NOT DISCHARGE SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE STATES.

2.C.3. FERTILIZERS AND PESTICIDES

APPLY FERTILIZERS AND PESTICIDES IN ACCORDANCE WITH FDOT SPECIFICATION 570.

2.C.4. TOXIC SUBSTANCES

PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE AND DISPOSAL OF THESE SUBSTANCES.

2.C.5. SANITARY WASTE

PROVIDE AND MAINTAIN PORTABLE TOILETS. LOCATIONS APPROVED BY THE CEI ENGINEER.

2.D. WATER QUALITY MONITORING

IF WATER QUALITY MONITORING CONDITION EXISTS IN THE PERMIT, FOLLOW ALL CONDITIONS WITHIN PERMIT. OTHERWISE, CONDUCT WATER QUALITY MONITORING DURING ALL PHASES OF CONSTRUCTION IMPACTING ANY SOURCE OF SURFACE WATER. DESIGNATE MONITORING LOCATIONS, FREQUENCY AND DEPTH; SUBMIT TO ENGINEER FOR APPROVAL.

MONITOR DISCHARGING ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS UNTIL TURBIDITY READINGS MEET REQUIREMENTS.

3.0. MAINTENANCE

MAINTAIN ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION.

4.0. INSPECTION

PROVIDE THE ENGINEER WITH A MINIMUM OF 24 HOUR NOTICE PRIOR TO THE WEEKLY EROSION CONTROL INSPECTION REQUIRED BY FDOT SPECIFICATION 104-7.1

INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE.

5.0. NON-STORMWATER DISCHARGES

OBTAINING ALL DEWATERING PERMITS. IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES. DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

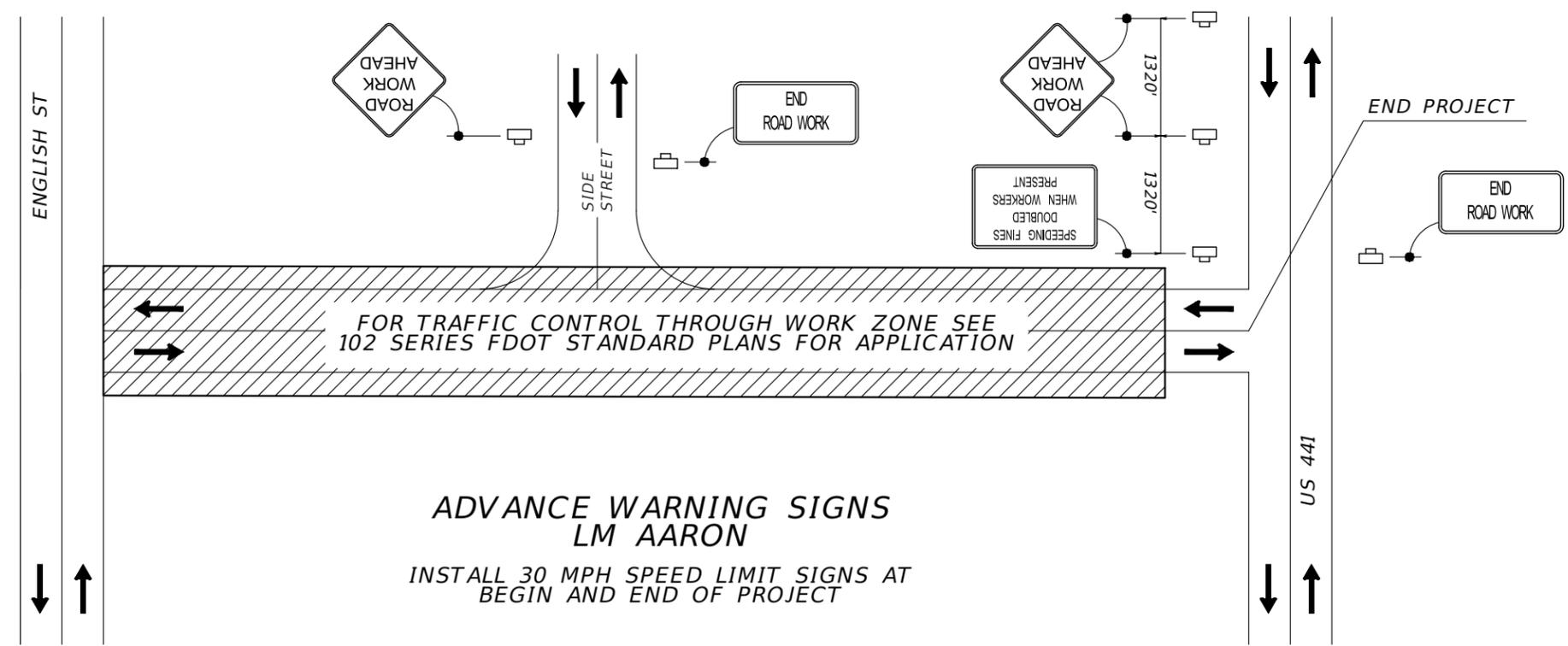
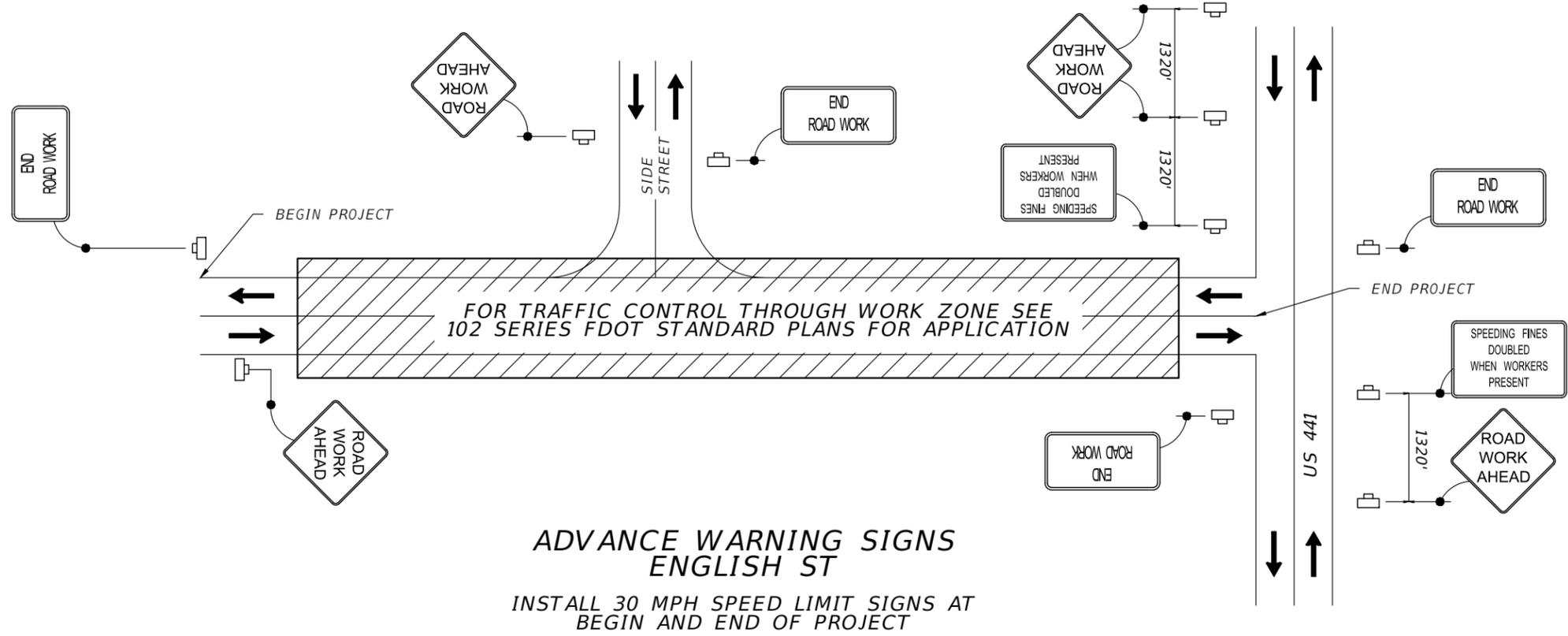
RYAN DOUGLAS ASMUS
 P.E. LICENSE NUMBER 66626
 NFPS
 P.O. BOX 3823
 LAKE CITY, FLORIDA 32056
 CERTIFICATE OF AUTHORIZATION 29011

COLUMBIA COUNTY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ENGLISH ST.	COLUMBIA	

**STORMWATER POLLUTION
 PREVENTION PLAN**

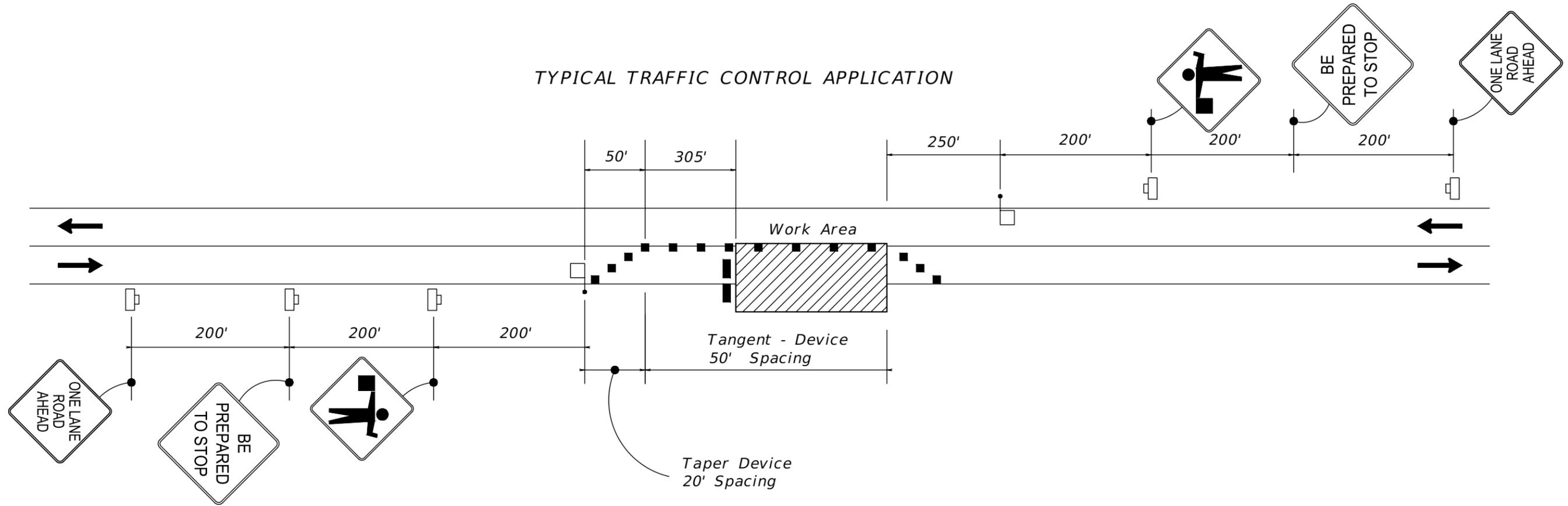
SHEET NO.
 60

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		61
					ENGLISH ST.	COLUMBIA			

TYPICAL TRAFFIC CONTROL APPLICATION



WORK ZONE SIGNS FOR OPERATIONS ON THE TRAVEL LANE OR ON THE SHOULDER

WORK ZONE SPEED LIMIT = 30 MPH

DURING CROSS DRAIN CONSTRUCTION, MAINTAIN 1-LANE, 2-WAY TRAFFIC IN ACCORDANCE WITH THIS SHEET. CONSTRUCT TEMPORARY WIDENING, AS NECESSARY, TO MAINTAIN A MINIMUM TRAVEL LANE WIDTH OF 10'. CONSTRUCT TEMPORARY WIDENING USING 6" COMPACTED RAP MATERIAL. COST OF ALL TEMPORARY WIDENING TO BE INCLUDED UNDER 102-1.

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SHEET NO. 62
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID	

SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			
0102 1	MAINTENANCE OF TRAFFIC	1			

SUMMARY OF EROSION CONTROL

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY		TOTAL QUANTITY		LOCATION			DESIGN NOTES	CONSTRUCTION REMARKS
			P	F	P	F	BEGIN STATION	END STATION	SIDE		
0104 10 3	SEDIMENT BARRIER	LF	355				13+89.00	15+64.00	LT	ENGLISH	
			467				55+57.00	57+80.00	RT	ENGLISH	
			267				56+40.00	57+70.00	LT	ENGLISH	
			375				327+53.00	329+26.00	RT	AARON	
	TOTAL		1464								

SUMMARY OF CLEARING AND GRUBBING AND REMOVAL ITEMS

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY		TOTAL QUANTITY		SIDE	DESIGN NOTES	CONSTRUCTION REMARKS
			P	F	P	F			
110-1-1	CLEARING & GRUBBING	AC	8.67		8.67		RT/LT	ENGLISH	
		AC	4.07		4.07		RT/LT	AARON	
	TOTAL		12.74						

SUMMARY OF MAILBOXES

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	QUANTITY			LOCATION		DESIGN NOTES	CONSTRUCTION REMARKS
		UNIT	P	F	CENTER STATION	SIDE		
0110 7 1	MAIL BOX, F&I, SINGLE	EA	1		10+60.00	RT	ENGLISH	
			1		10+62.00	RT	ENGLISH	
			1		16+55.00	RT	ENGLISH	
			1		16+58.00	RT	ENGLISH	
			1		22+80.00	LT	ENGLISH	
			1		23+03.00	RT	ENGLISH	
			1		31+81.00	RT	ENGLISH	
			1		37+62.00	RT	ENGLISH	
			1		39+31.00	LT	ENGLISH	
			1		39+74.00	LT	ENGLISH	
			1		45+44.00	LT	ENGLISH	
			1		48+85.00	LT	ENGLISH	
			1		60+15.00	RT	ENGLISH	
			1		60+18.00	RT	ENGLISH	
			1		64+22.00	RT	ENGLISH	
			1		64+25.00	RT	ENGLISH	
			1		307+72.00	LT	AARON	
			1		317+53.00	LT	AARON	
			1		321+79.00	LT	AARON	
			1		323+27.00	LT	AARON	
			1		324+39.00	LT	AARON	
	TOTAL		21					

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

RYAN DOUGLAS ASMUS
P.E. LICENSE NUMBER 66626
NFPS
P.O. BOX 3823
LAKE CITY, FLORIDA 32056
CERTIFICATE OF AUTHORIZATION 29011

COLUMBIA COUNTY		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
ENGLISH ST.	COLUMBIA	

SUMMARY OF QUANTITIES	
SHEET NO.	SQ1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EARTHWORK					
PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
120-1	REGULAR EXCAVATION	3,808		AARON	
		5,743		ENGLISH	
	TOTAL	9,551			
120-6	BORROW EXCAVATION - EMBANKMENT	2,997		ENGLISH	
		990		AARON	
	TOTAL	3,987			
120-4	SUBSOIL EXCAVATION	6,000			
	TOTAL	6,000			

SUMMARY OF PAVEMENT									
PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY		LOCATION			DESIGN NOTES	CONSTRUCTION REMARKS
			P	F	BEGIN STATION	END STATION	SIDE		
160-4	TYPE B STABILIZATION	SY	11172		300+11.18	329+68.38	LT/RT	AARON	
			23781		10+25.17	73+20.00	LT/RT	ENGLISH	
285-706	OPTIONAL BASE, BASE GROUP 06	SY	7449		300+11.18	329+68.38	LT/RT	AARON	
			15856		10+25.17	73+20.00	LT/RT	ENGLISH	

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ2
					ENGLISH ST.	COLUMBIA			

SUMMARY OF DRIVEWAY BASE / TURNOUTS

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY		LOCATION		DESIGN NOTES	CONSTRUCTION REMARKS
			P	F	CENTER STATION	SIDE		
0286 1	TURNOUT CONSTRUCTION	SY	53		11+90.00	LT	ENGLISH	
			53		16+31.00	LT	ENGLISH	
			53		16+63.00	RT	ENGLISH	
			53		22+73.00	RT	ENGLISH	
			53		22+82.00	LT	ENGLISH	
			95		26+77.00	RT	ENGLISH	CHURCHILL WAY
			53		30+61.00	RT	ENGLISH	
			53		31+97.00	RT	ENGLISH	
			53		35+26.00	LT	ENGLISH	
			53		36+29.00	RT	ENGLISH	
			53		38+21.00	RT	ENGLISH	
			53		39+51.00	LT	ENGLISH	
			53		39+71.00	RT	ENGLISH	
			53		41+94.00	LT	ENGLISH	
			53		45+43.00	LT	ENGLISH	
			53		46+31.00	LT	ENGLISH	
			53		48+63.00	LT	ENGLISH	
			53		49+93.00	RT	ENGLISH	
			53		50+75.00	RT	ENGLISH	
			53		55+36.00	LT	ENGLISH	
			53		58+55.00	RT	ENGLISH	
			53		59+63.00	RT	ENGLISH	
			53		60+40.00	RT	ENGLISH	
			53		62+71.00	RT	ENGLISH	
			53		63+31.00	LT	ENGLISH	
			53		71+25.00	LT	ENGLISH	
			80		306+51.27	LT	AARON	
			53		308+36.00	RT	AARON	
			77		309+10.00	LT	AARON	
			132		311+52.50	LT	AARON	PIERCE GLN
			53		316+80.00	RT	AARON	
			53		317+66.00	RT	AARON	
			53		317+68.00	LT	AARON	
			53		321+87.00	LT	AARON	
			53		323+32.00	LT	AARON	
			53		324+51.00	LT	AARON	
		TOTAL	2080					

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ3
					ENGLISH ST.	COLUMBIA			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PAVEMENT

PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY		LOCATION			DESIGN NOTES	CONSTRUCTION REMARKS
			P	F	BEGIN STATION	END STATION	SIDE		
334-1-12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	1021		300+11.18	329+68.38	LT/RT	AARON	MAINLINE SR: 165/110
			4.39		306+51.27		LT	AARON	110
			2.90		308+36.00		RT	AARON	110
			4.21		309+10.00		LT	AARON	110
			18.16		311+52.50		LT	AARON	165/110
			2.91		316+80.00		RT	AARON	110
			2.91		317+66.00		RT	AARON	110
			2.91		317+68.00		LT	AARON	110
			2.91		321+87.00		LT	AARON	110
			2.91		323+32.00		LT	AARON	110
			2.91		324+51.00		LT	AARON	110
			2116		10+25.17	73+20.00	LT/RT	ENGLISH	MAINLINE 165/110
			2.70		11+90.00		LT	ENGLISH	110
			2.92		16+31.00		LT	ENGLISH	110
			2.89		16+63.00		RT	ENGLISH	110
			2.90		22+73.00		RT	ENGLISH	110
			2.91		22+82.00		LT	ENGLISH	110
			13.03		26+77.00		RT	ENGLISH	165/110
			2.90		30+61.00		RT	ENGLISH	110
			2.90		31+97.00		RT	ENGLISH	110
			2.91		35+26.00		LT	ENGLISH	110
			2.90		36+29.00		RT	ENGLISH	110
			2.90		38+21.00		RT	ENGLISH	110
			2.91		39+51.00		LT	ENGLISH	110
			2.91		39+71.00		RT	ENGLISH	110
			2.91		41+94.00		LT	ENGLISH	110
			2.91		45+43.00		LT	ENGLISH	110
			2.91		46+31.00		LT	ENGLISH	110
			2.91		48+63.00		LT	ENGLISH	110
			2.91		49+93.00		RT	ENGLISH	110
			2.90		50+75.00		RT	ENGLISH	110
			2.90		55+36.00		LT	ENGLISH	110
			2.90		58+55.00		RT	ENGLISH	110
			2.91		59+63.00		RT	ENGLISH	110
			2.91		60+40.00		RT	ENGLISH	110
			2.91		62+71.00		RT	ENGLISH	110
			2.91		63+31.00		LT	ENGLISH	110
			2.91		71+25.00		LT	ENGLISH	110
				TOTAL	3269.58				

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ4
					ENGLISH ST.	COLUMBIA			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF SIDE DRAIN & MITERED END SECTIONS							
LOCATION	SIDE	15" CMP	15" MES	18" RCP	18" MES	SODDING	DESIGN NOTES
CENTER OF TURNOUT STA.		0430 174 115	0430 984 123	0430 175 115	0430 982 123	SINGLE PIPE	
		LF	EA	LF	EA	SY	
16+32	LT	34*	2			16	ENGLISH ST.
16+62	RT	34*	2			16	
22+72	RT	34*	2			16	
22+82	LT	34*	2			16	
26+80	RT	46*	2			16	
30+66	RT	34*	2			16	
31+97	RT	34*	2			16	
35+26	LT	34*	2			16	
36+29	RT	34*	2			16	
38+21	RT	34*	2			16	
39+52	LT	34*	2			16	
39+72	RT	34*	2			16	
41+94	LT	34*	2			16	
48+64	LT	34*	2			16	
49+93	RT	34*	2			16	
50+73	RT	34*	2			16	
55+26	LT	34*	2			16	
56+91	LT/RT			30*	2	50	
58+57	RT	34*	2			16	
59+62	RT	34*	2			16	
60+39	RT	34*	2			16	
62+72	RT	34*	2			16	
63+32	LT	34*	2			16	
71+25	LT	34*	2			16	
TOTAL:		794	46	30	2	418	

* PIPE LENGTH SHOWN IS BASED ON THE PAYMENT METHOD DESCRIBED IN FDOT STANDARD PLANS 430-022 WHICH DEDUCTS THE "F" DIMENSION. PHYSICAL "TIP TO TIP" LENGTHS ARE SHOWN ON THE PLAN SHEETS.

SUMMARY OF SIDE DRAIN & MITERED END SECTIONS							
LOCATION	SIDE	15" CMP	15" MES	18" RCP	18" MES	SODDING	DESIGN NOTES
CENTER OF TURNOUT STA.		0430 174 115	0430 984 123	0430 175 115	0430 982 123	SINGLE PIPE	
		LF	EA	LF	EA	SY	
300+23	LT/RT			62*	2	50	LM AARON
306+51	LT	34*	2			16	
308+35	RT	34*	2			16	
311+40	LT	66*	2			16	
316+80	RT	34*	2			16	
317+68	RT	34*	2			16	
317+68	LT	34*	2			16	
321+86	LT	34*	2			16	
323+32	LT	34*	2			16	
324+51	LT	34*	2			16	
329+45	LT/RT			54*	2	50	
TOTAL:		338	18	116	4	244	

* PIPE LENGTH SHOWN IS BASED ON THE PAYMENT METHOD DESCRIBED IN FDOT STANDARD PLANS 430-022 WHICH DEDUCTS THE "F" DIMENSION. PHYSICAL "TIP TO TIP" LENGTHS ARE SHOWN ON THE PLAN SHEETS.

SUMMARY OF PERFORMANCE TURF									
PAY ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY		LOCATION			DESIGN NOTES	CONSTRUCTION REMARKS
			P	F	BEGIN STATION	END STATION	SIDE		
0570 1 1	PERFORMANCE TURF	SY	10,841		10+25.17	73+20.00	LT	ENGLISH	
			10,841		10+25.17	73+20.00	RT	ENGLISH	
			10,185		300+11.18	329+68.18	LT/RT	AARON	
	TOTAL		31,867						
0570 1 2	PERFORMANCE TURF, SOD	SY	2,448		10+25.17	73+20.00	LT	ENGLISH	
			2,448		10+25.17	73+20.00	RT	ENGLISH	
			2,300		300+11.18	329+68.38	LT/RT	AARON	
	DRAINAGE STRUCTURES, SOD	SY	418		10+25.17	73+20.00	LT/RT	ENGLISH	
			244		300+11.18	329+68.38	LT/RT	AARON	
	TOTAL		7,858						

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		SQ5
					ENGLISH ST.	COLUMBIA			

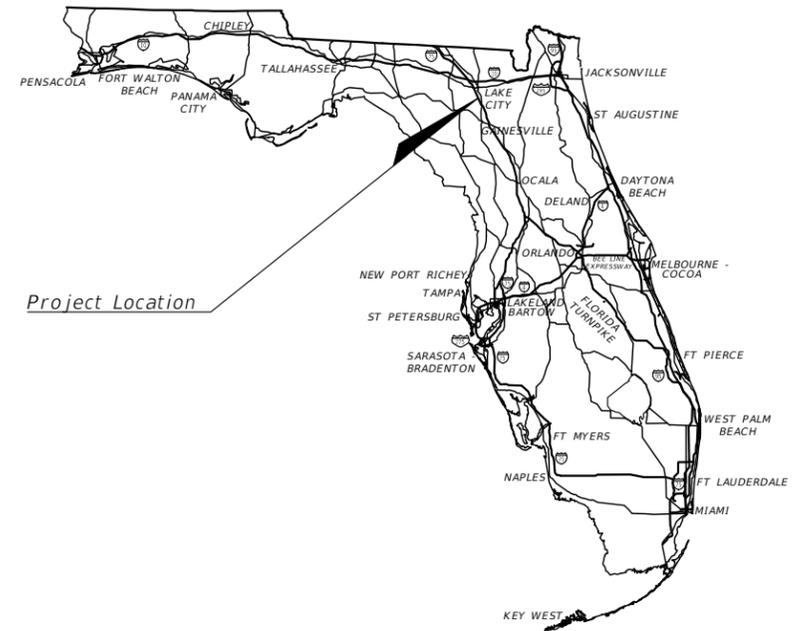
CONTRACT PLANS

ENGLISH STREET AND LM AARON DRIVE

COLUMBIA COUNTY, FLORIDA

COUNTY PROJECT NO. 2023 - 11

SIGNING AND PAVEMENT MARKING PLANS



INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	SIGNATURE SHEET
S-3	GENERAL NOTES
S-4	TABULATION OF QUANTITIES ENGLISH
S-5	TABULATION OF QUANTITIES AARON
S-6 - S-14	SIGNING PAVEMENT MARKING PLANS

ENGINEER OF RECORD: RYAN DOUGLAS ASMUS,
P.E. NO.:66626
NORTH FLORIDA PROFESSIONAL SERVICES, INC.
P.O. BOX 3823
LAKE CITY, FLORIDA 32056

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2022-23 Standard plans for Road and Bridge Construction and applicable Interim Revisions (Irs).

Standard Plans for Road Construction and associated Irs are available at the following website:
<http://www.fdot.gov/design/Standardplans.shtm>

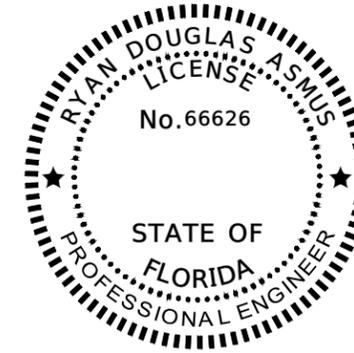
APPLICABLE IRs: IR536-001-01, IR521-001-01

Standard Plans for Bridge Construction are included in the Structures Plans Component.

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, July, 2023 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

FISCAL YEAR	SHEET NO.
23	S-1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED IN THE ELECTRONIC DOCUMENTS.

RYAN DOUGLAS ASMUS, P.E. NO. 66626
NORTH FLORIDA PROFESSIONAL SERVICES INC.
P.O. BOX 3823
LAKE CITY, FL 32056

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

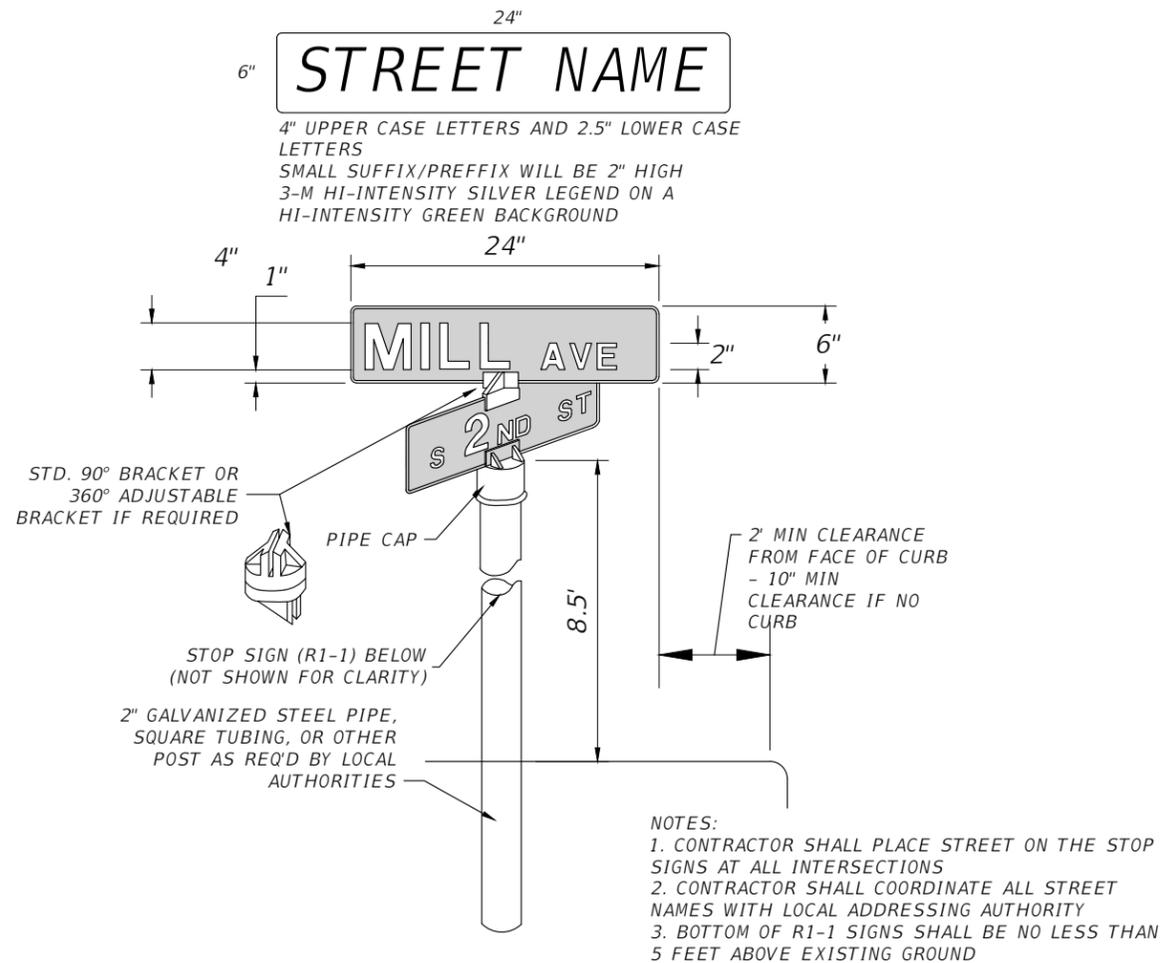
INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	SIGNATURE SHEET
S-3	GENERAL NOTES
S-4	TABULATION OF QUANTITIES ENGLISH
S-5	TABULATION OF QUANTITIES AARON
S-6 - S-14	SIGNING PAVEMENT MARKING PLANS

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-2
					ENGLISH ST.	COLUMBIA			

SIGNING AND PAVEMENT MARKING NOTES

1. ALIGNMENT OF PROPOSED PAVEMENT MARKINGS SHALL MATCH EXISTING PAVEMENT MARKINGS AT PAVEMENT MARKING LIMITS OF CONSTRUCTION.
2. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REMOVED UNLESS NOTED OTHERWISE IN THE PLANS.
3. CONSTRUCT PAVEMENT MARKINGS AND RPM'S IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 706-001 AND 711-001.
4. CONTRACTOR SHALL INSTALL TWO STREET NAME PANELS ON EACH R1-1 STOP SIGN ACCORDING TO DETAIL BELOW UNLESS NOTED OTHERWISE IN THE PLANS.



1 STREET SIGN DETAIL
S-3 SCALE:N.T.S.

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-3
					ENGLISH ST.	COLUMBIA			

ENGLISH ST TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	GRAND TOTAL
700 1 11	SINGLE POST SIGN. F&I GROUND MOUNT, UP TO 12 SF	AS	7
700 1 60	SINGLE POST SIGN, REMOVE	AS	6
700 13 15	RETROREFLECTIVE SIGN STRIP	EA	1
706 3	RETROREFLECTIVE PAVEMENT MARKERS	EA	157
*710-90	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	2.4
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	2.5

*THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION. 2 APPLICATIONS ARE REQUIRED WITH THE SECOND APPLICATION BEING APPLIED 14 DAYS AFTER THE FIRST APPLICATION.

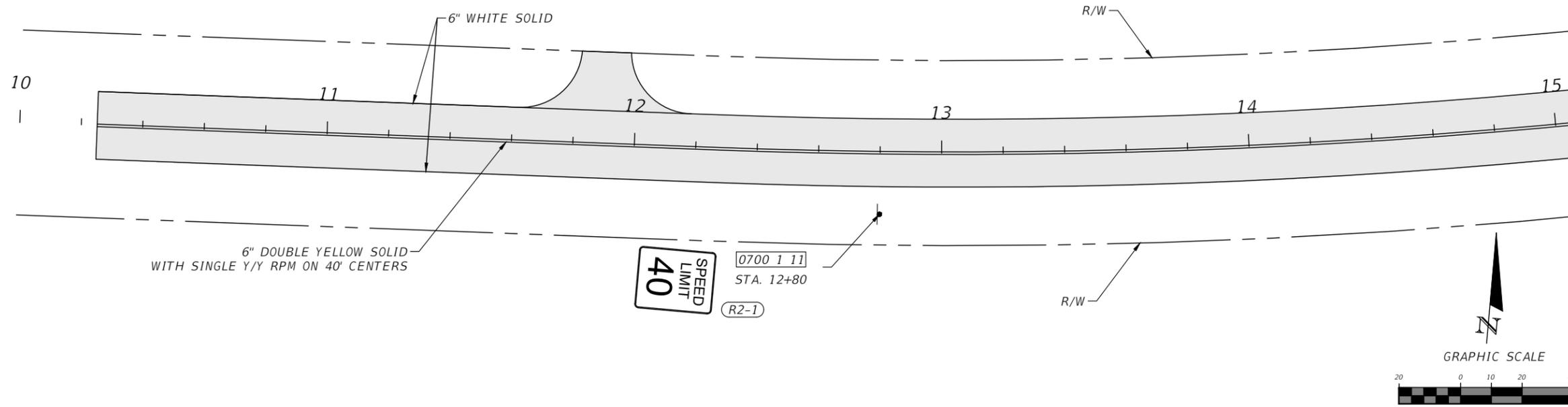
REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			TABULATION OF QUANTITIES ENGLISH	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-4
					ENGLISH ST.	COLUMBIA			

LM AARON DRIVE TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	GRAND TOTAL
700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	18
700 1 60	SIGNLE POST SIGN, REMOVE	AS	3
700 13 15	RETROREFLECTIVE SIGN STRIP	EA	2
706 3	RETROREFLECTIVE PAVEMENT MARKERS	EA	74
*710-90	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	1.1
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	1.2

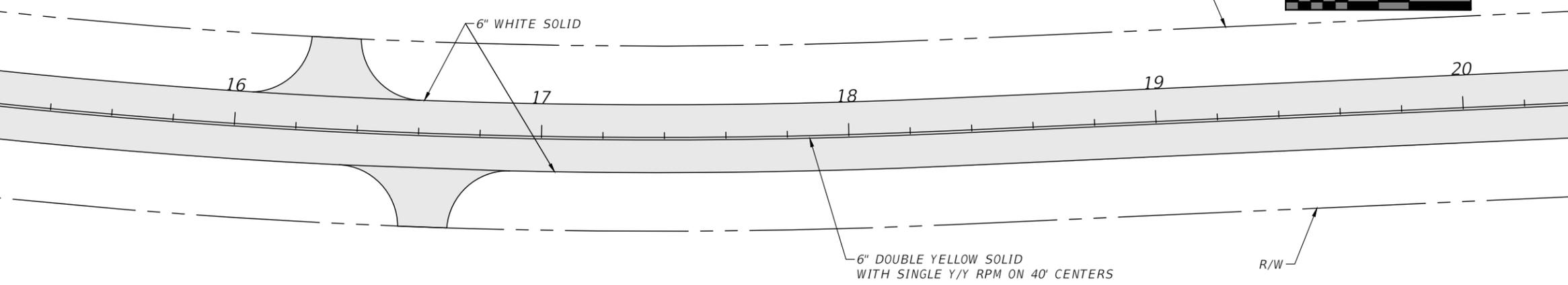
*THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION. 2 APPLICATIONS ARE REQUIRED WITH THE SECOND APPLICATION BEING APPLIED 14 DAYS AFTER THE FIRST APPLICATION.

REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			TABULATION OF QUANTITIES AARON	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-5
					LM AARON DR.	COLUMBIA			



MATCHLINE STA - 15+10.00

MATCHLINE STA - 15+10.00



MATCHLINE STA - 20+60.00

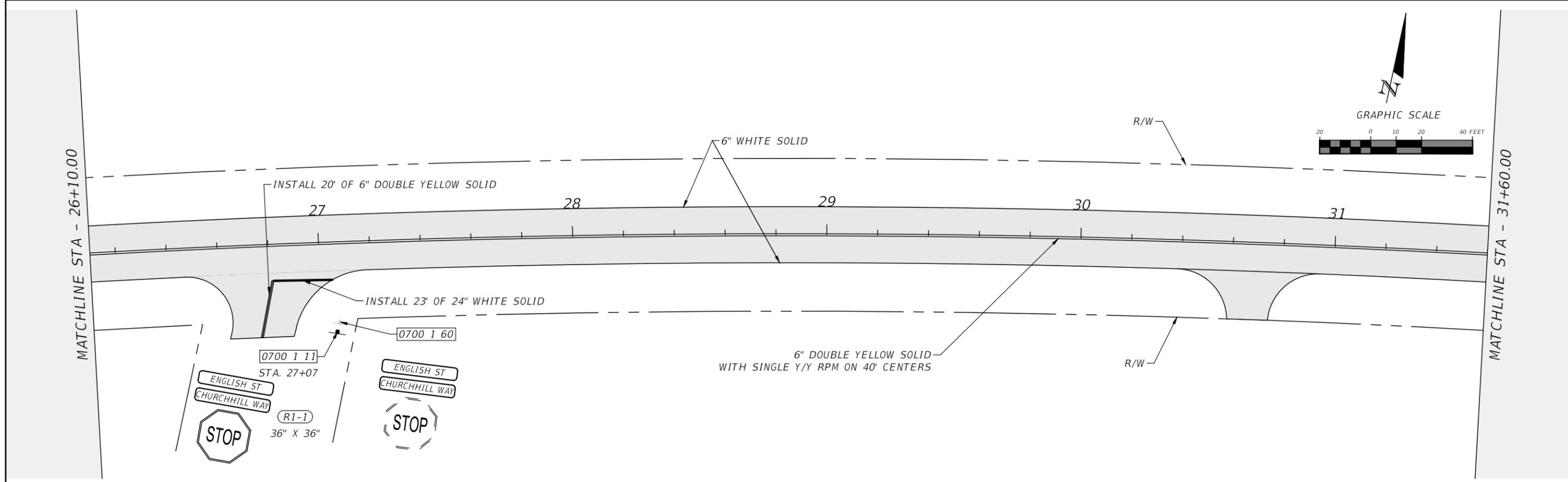
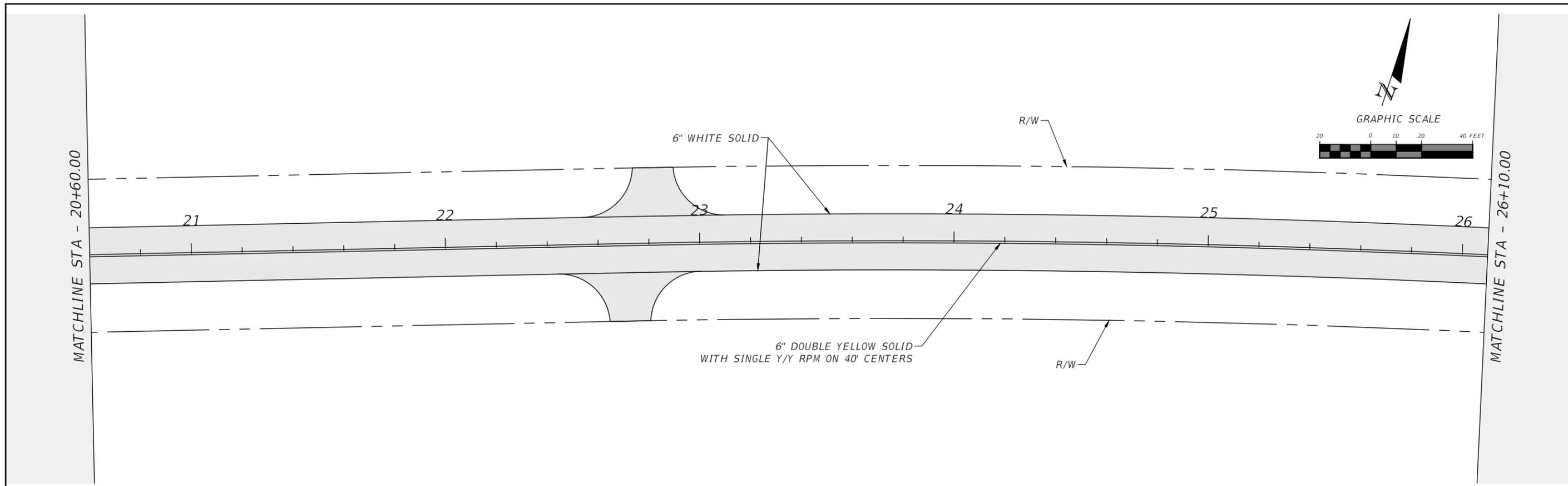
REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SIGNING PAVEMENT MARKING PLANS	SHEET NO. S-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGLISH ST.	COLUMBIA			

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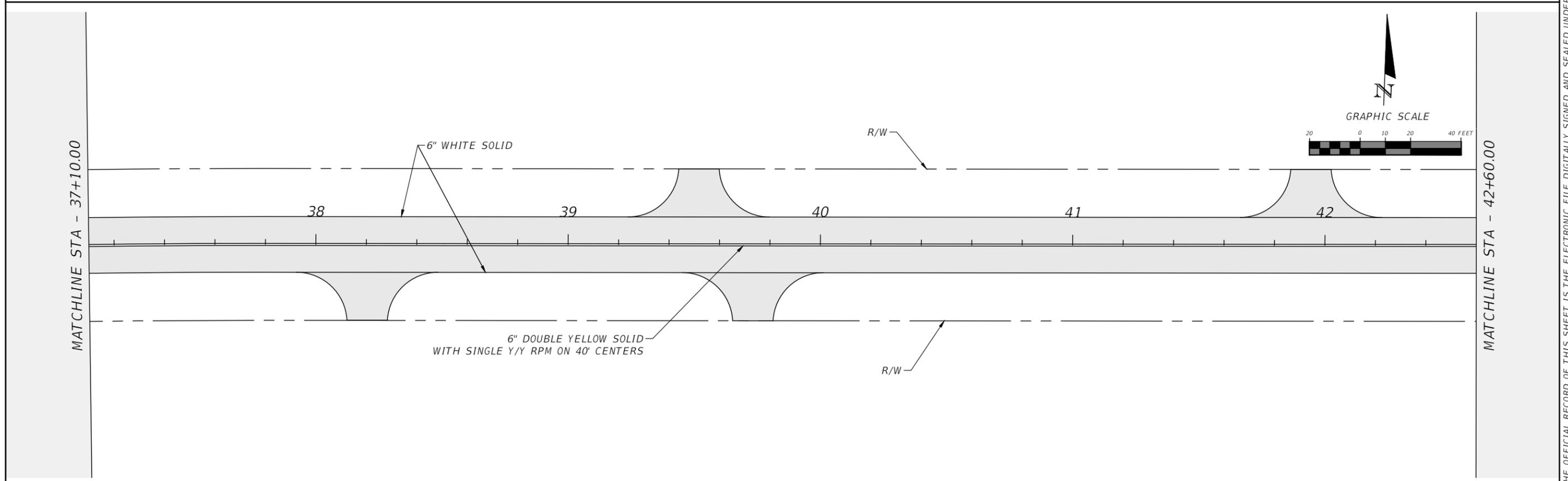
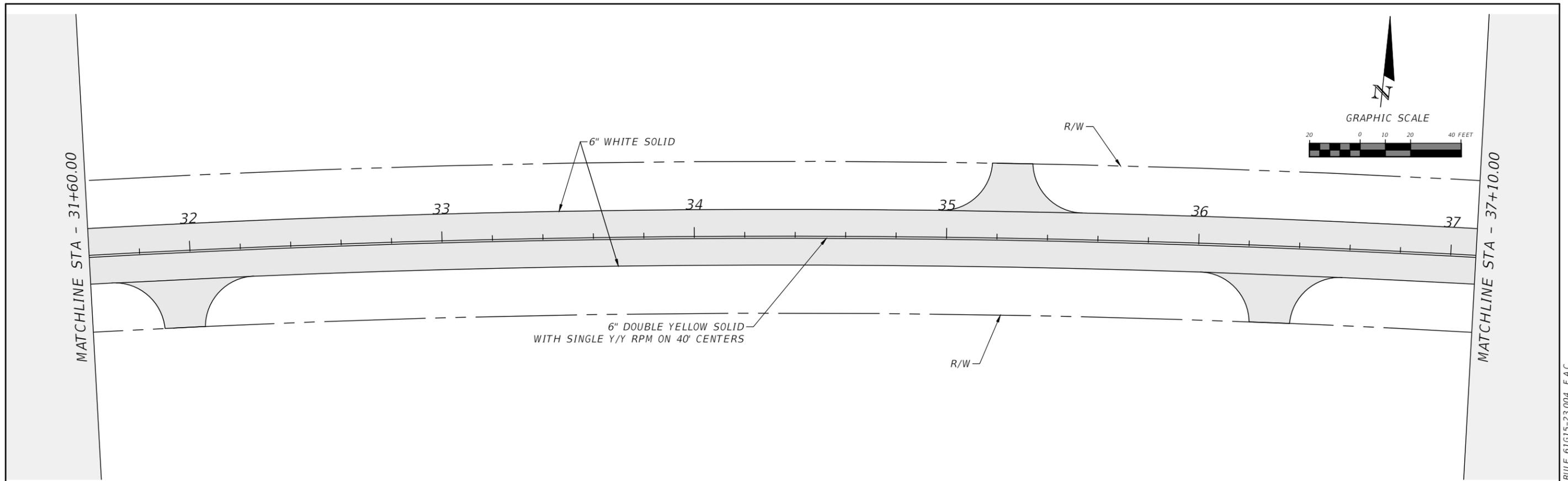
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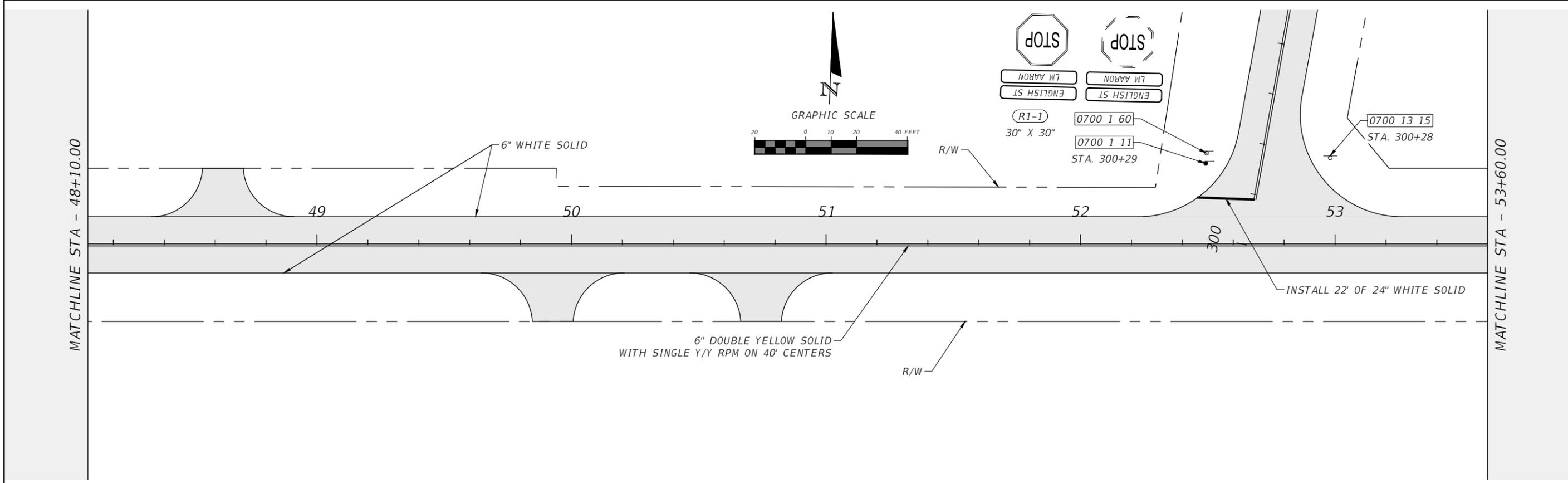
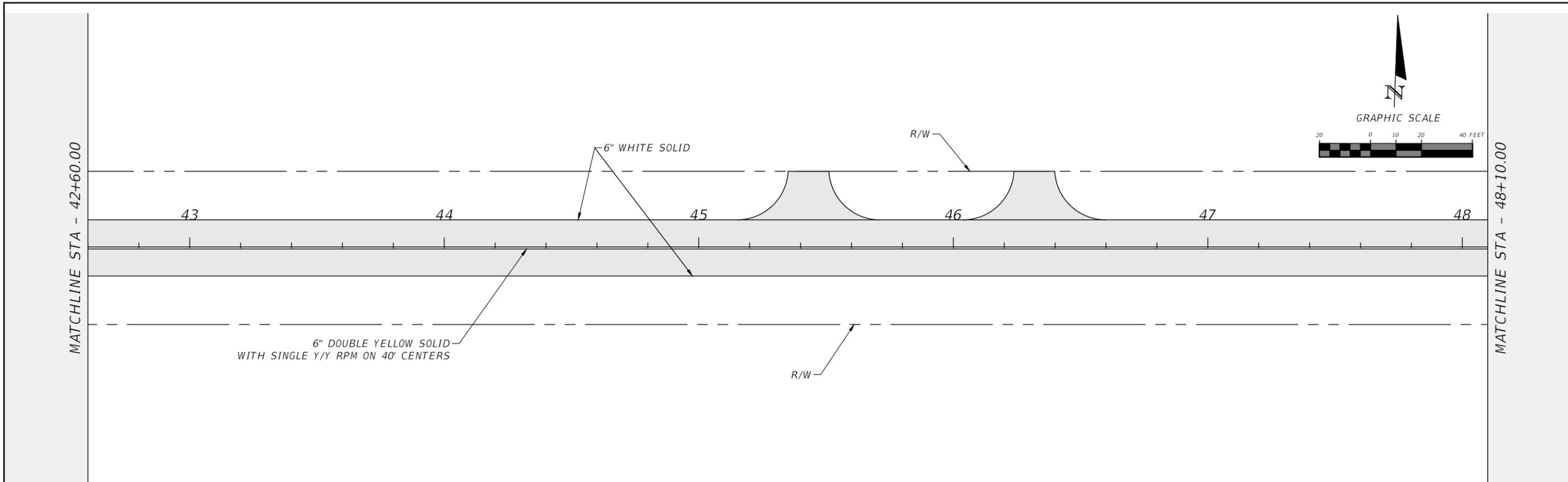


REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SIGNING PAVEMENT MARKING PLANS	SHEET NO. S-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGLISH ST.	COLUMBIA			

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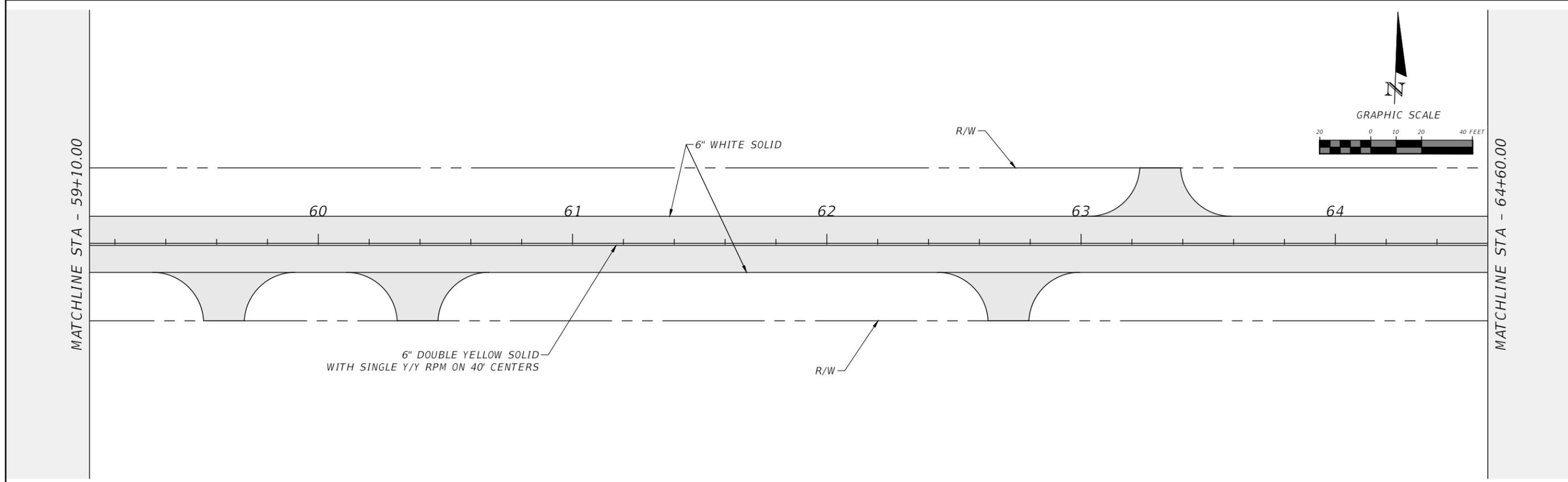
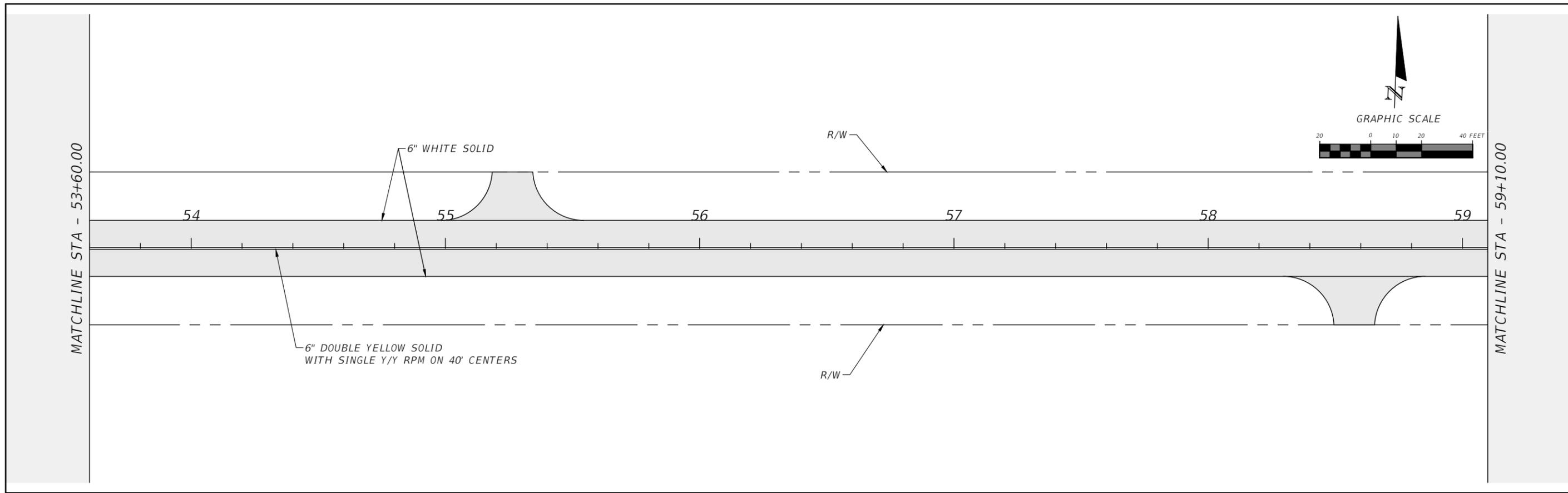


REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SIGNING PAVEMENT MARKING PLANS	SHEET NO. S-8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGLISH ST.	COLUMBIA			



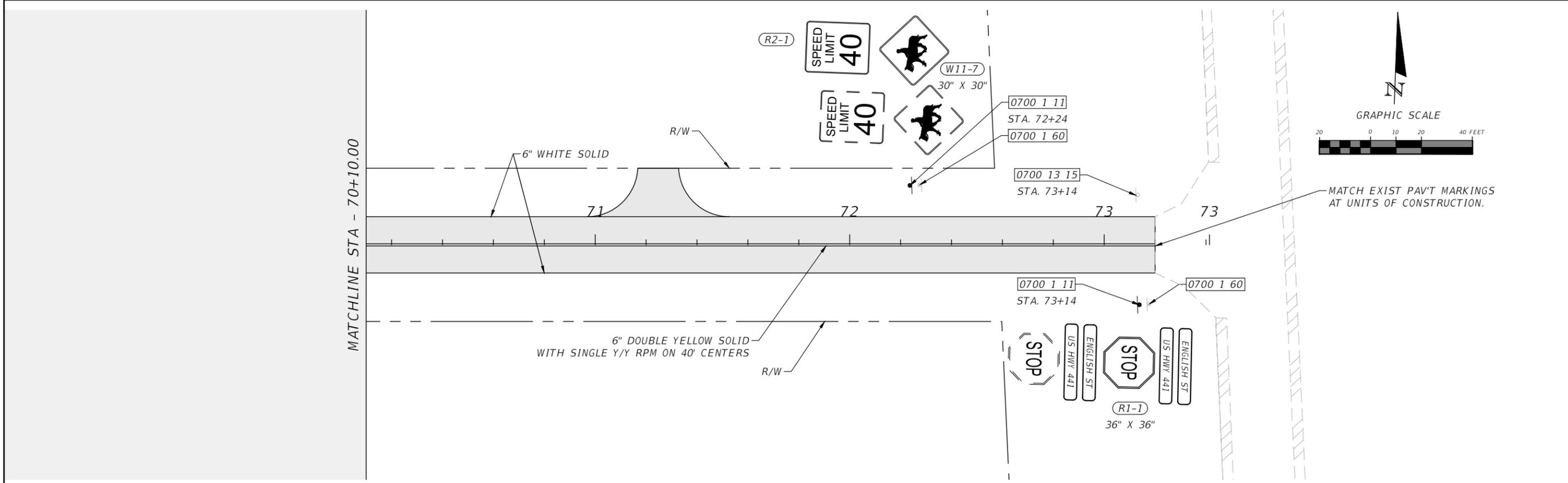
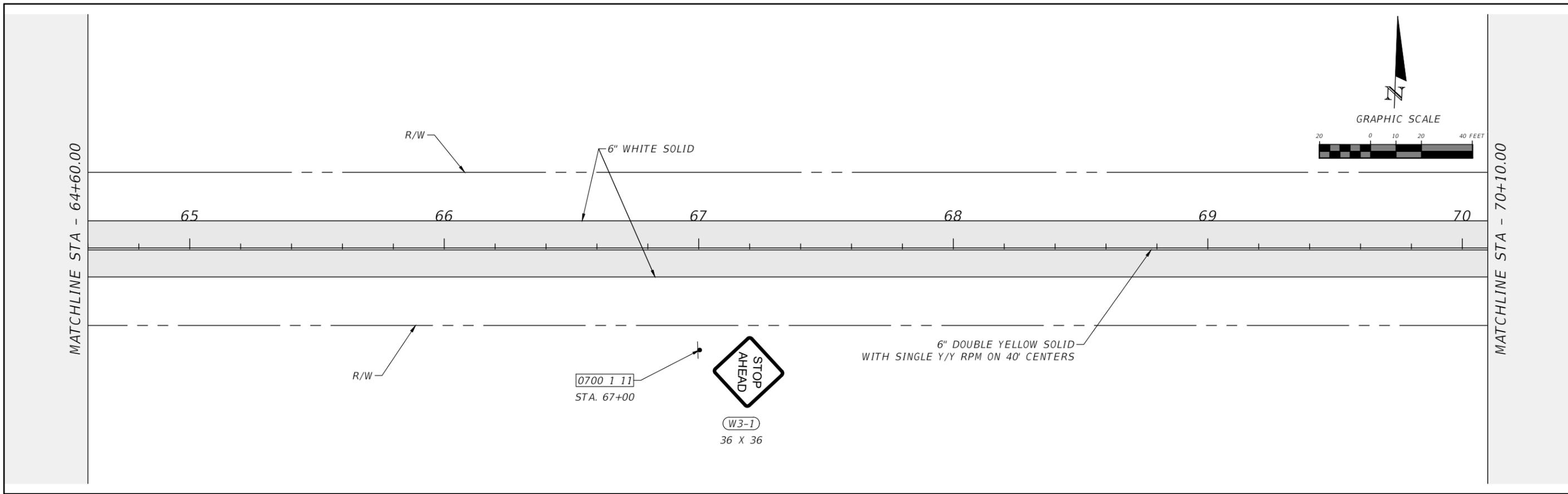
REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SIGNING PAVEMENT MARKING PLANS	SHEET NO. S-9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGLISH ST.	COLUMBIA			

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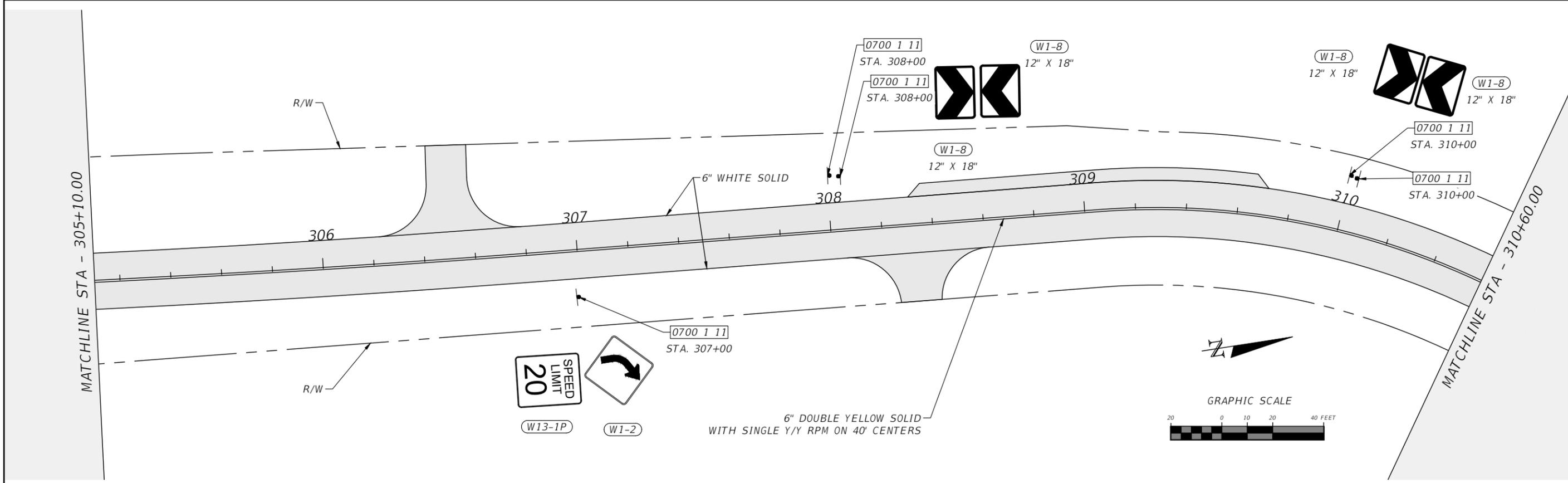
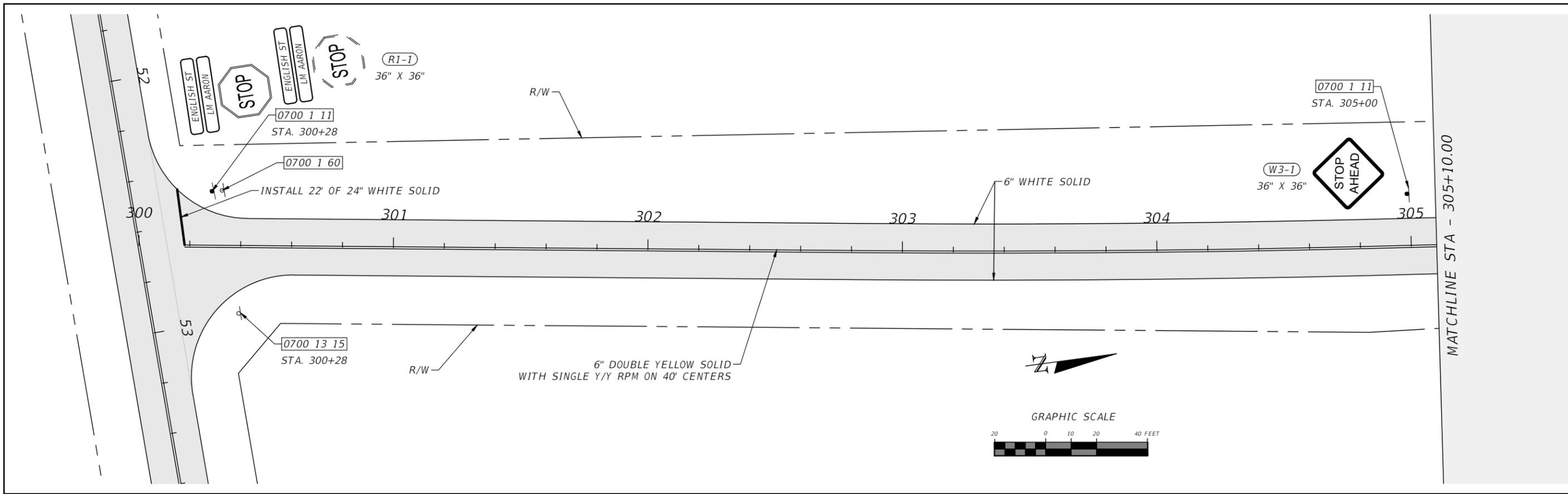


REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SHEET NO. S-10
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. ENGLISH ST.	COUNTY COLUMBIA	FINANCIAL PROJECT ID	

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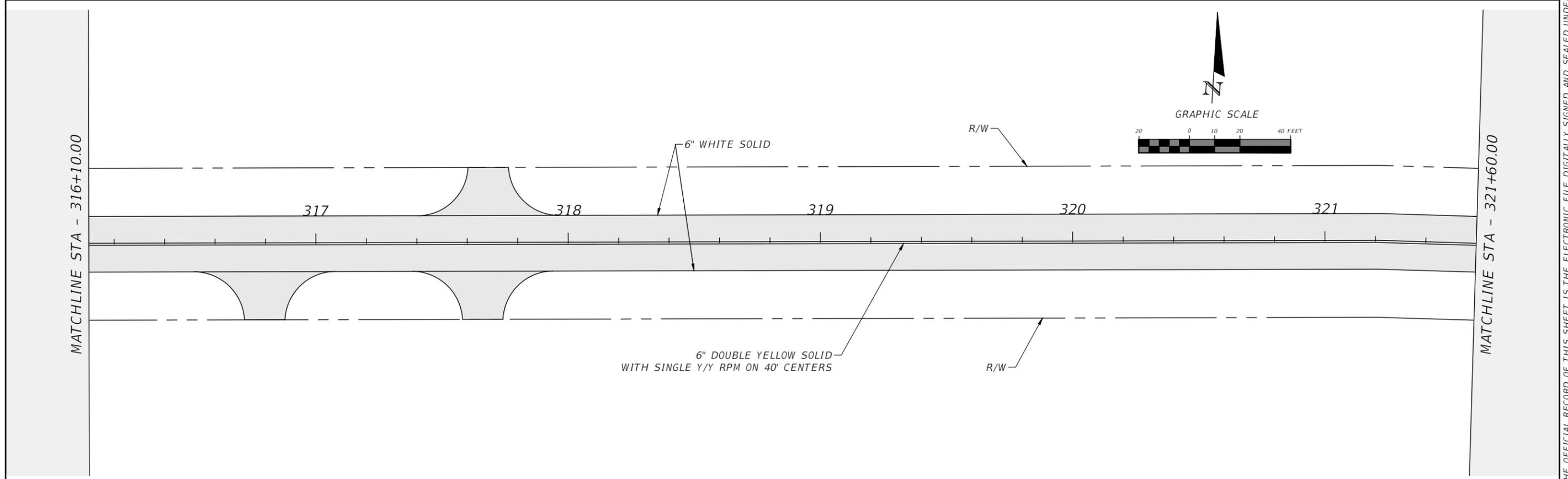
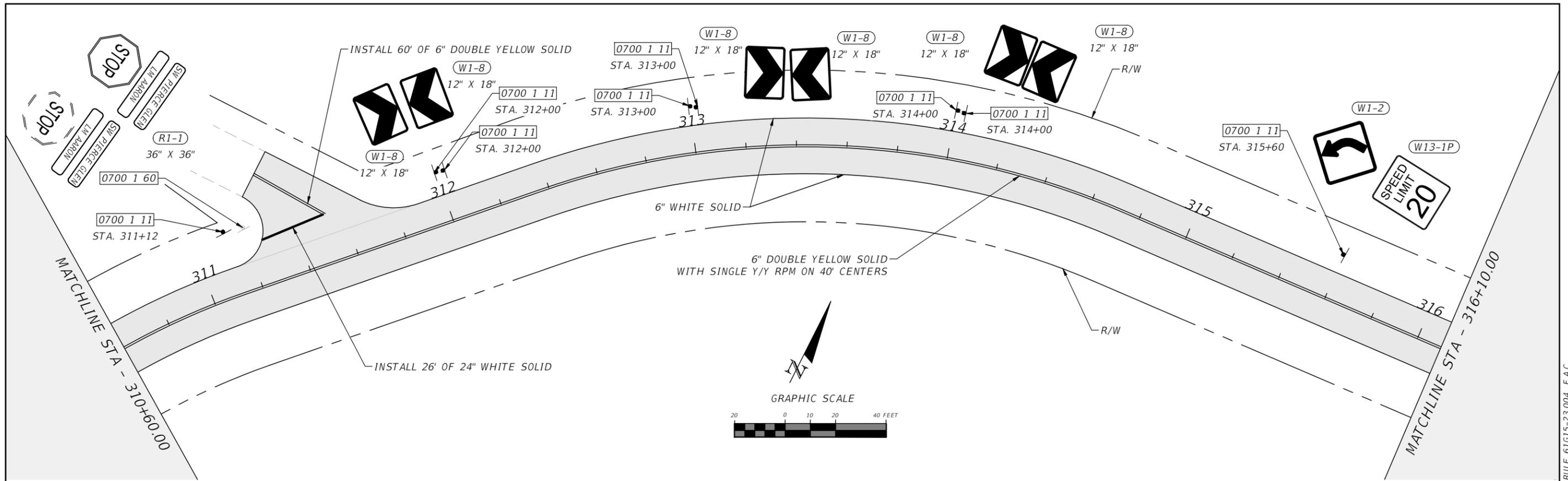


REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SIGNING PAVEMENT MARKING PLANS	SHEET NO. S-11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					ENGLISH ST.	COLUMBIA			

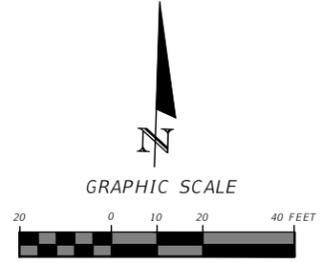
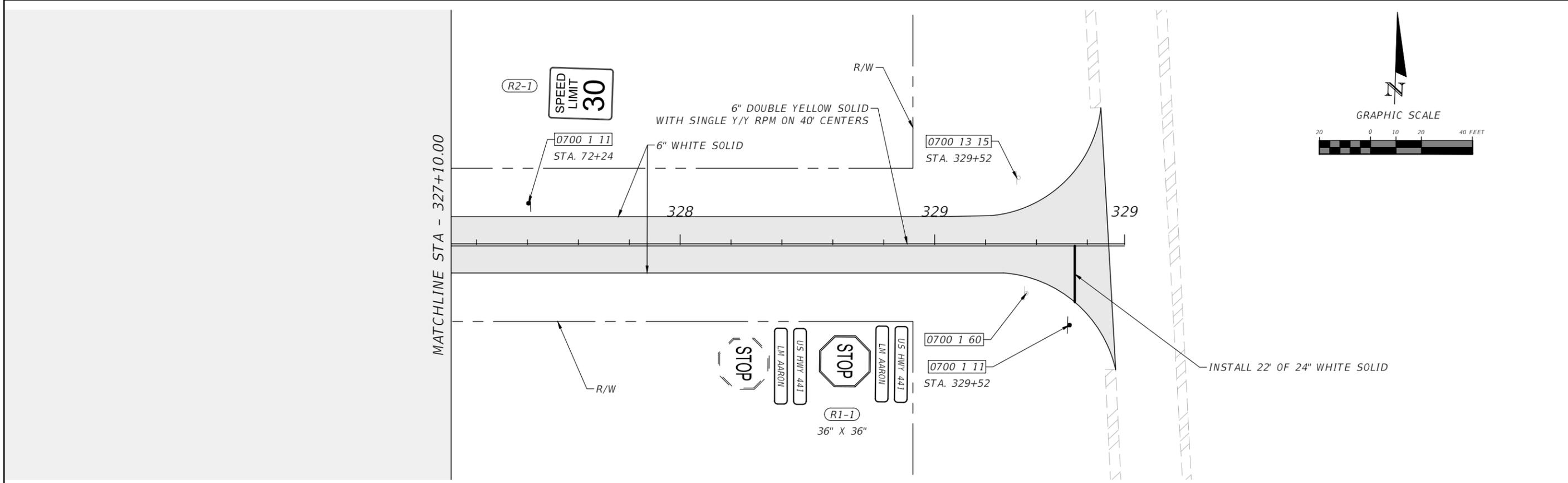
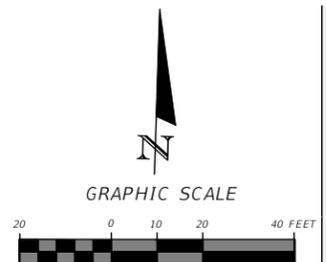
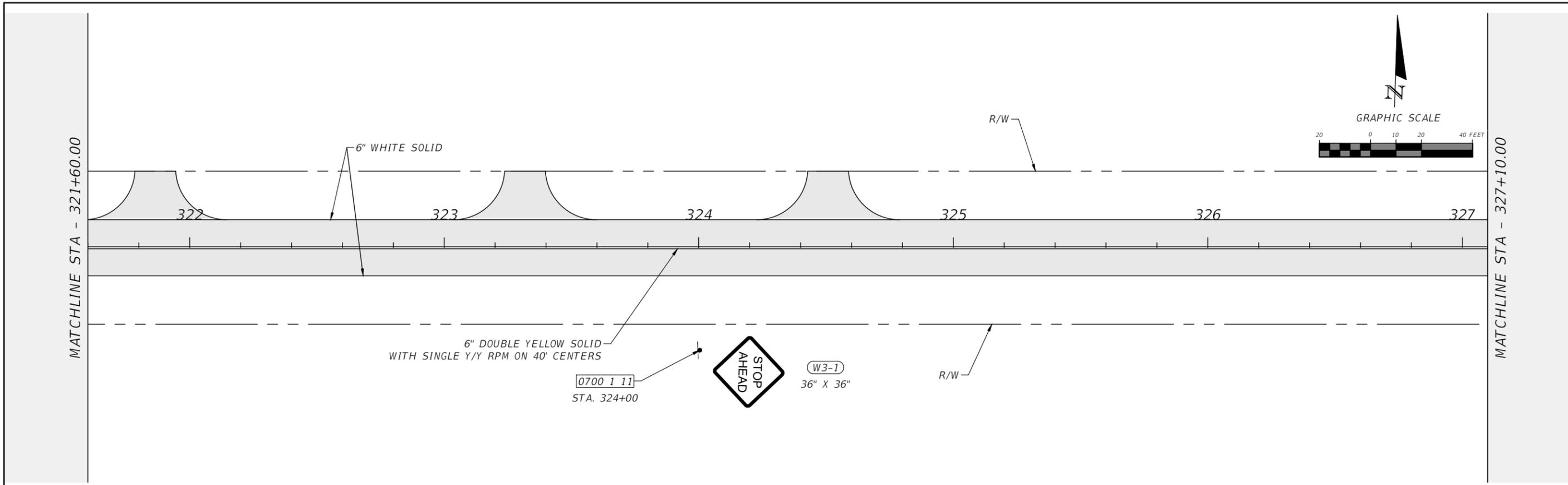


REVISIONS		RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011		COLUMBIA COUNTY		SIGNING PAVEMENT MARKING PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY		
				LM AARON DR.	COLUMBIA		

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO. LM AARON DR.	COUNTY COLUMBIA	FINANCIAL PROJECT ID	



REVISIONS				RYAN DOUGLAS ASMUS P.E. LICENSE NUMBER 66626 NFPS P.O. BOX 3823 LAKE CITY, FLORIDA 32056 CERTIFICATE OF AUTHORIZATION 29011	COLUMBIA COUNTY			SIGNING PAVEMENT MARKING PLANS	SHEET NO. S-14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					LM AARON DR.	COLUMBIA			

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END OF ADDENDUM NO. 2
(Please acknowledge receipt of Addendums)