CONTRACT PLANS COMPONENTS

ROADWAY
SIGNING AND PAVEMENT MARKINGS
SIGNALIZATION / ITS
LIGHTING
STRUCTURES

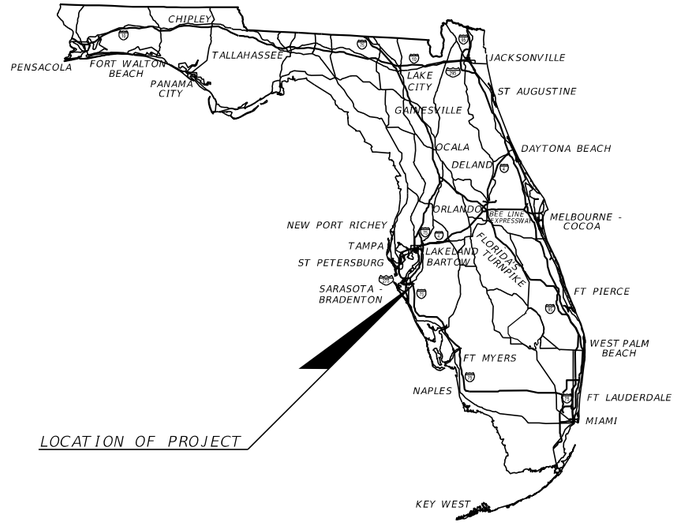
MANATEE COUNTY

ROADWAY PLANS

FINANCIAL PROJECT ID 452856-1-34-01 (BRIDGE)
COUNTY CIP NO. 6118061 (BRIDGE)

MANATEE COUNTY (13020)

FORT HAMER ROAD
ADD LANES AND RECONSTRUCT
NEW BRIDGE CONSTRUCTION
FROM UPPER MANATEE RIVER ROAD TO NORTH RIVE ISLE RUN



PROJECT URL:	https://tinyurl.com/mdt67zk3
PROJECT LIMITS:	BEGIN STA. 199+40.00 – END STA. 210+00.00 BEGIN STA. 310+00.00 – END STA. 339+40.00 BEGIN STA. 510+00.00 – END STA. 536+00.00
EXCEPTIONS:	NONE
BRIDGE LIMITS:	BR# 134123 (EXIST. BRIDGE) BR# 1341XX (NEW BRIDGE) BEGIN STA. 315+73.59 – END STA. 338+81.81
RAILROAD CROSSING:	NONE

60% SUBMITTAL
SEPTEMBER 2025

INDEX OF ROADWAY PLANS

SHEET NO.	DESCRIPTION
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2	SIGNATURE SHEET
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9 – 11	SUMMARY OF DRAINAGE STRUCTURES
12	EXISTING DRAINAGE STRUCTURES
13 – 27	TYPICAL SECTIONS
28 – 30	PROJECT LAYOUT
31	PROJECT CONTROL
32	GENERAL NOTES
33 – 49	ROADWAY PLANS
50 – 63	ROADWAY PROFILES
64 – 69	SIDE STREET PROFILES
70 – 74	INTERSECTION DETAILS
75 – 76	SPECIAL DETAILS
77 – 99	DRAINAGE STRUCTURE SECTIONS
100 – 108	POND DETAILS
109 – 110	CONTROL STRUCTURE DETAILS
111 – 144	ROADWAY CROSS SECTIONS
145 – 160	SIDE STREET CROSS SECTIONS
161	DRIVEWAY CROSS SECTIONS
162 – 163	STORMWATER POLLUTION PREVENTION PLAN
164 – 180	EROSION CONTROL PLAN
181 – 211	TEMPORARY TRAFFIC CONTROL PLANS
212 – 229	UTILITY ADJUSTMENT PLANS
GR-1*	ROADWAY SOIL SURVEY
GR-2* – GR-8*	POND SOIL SURVEY
DET-1	ROADWAY DETAIL

* These sheets are included in the Index of Roadway Plans only to indicate that they are part of the Roadway Plans. These sheets are contained in a separate digitally signed and sealed document.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2025-26 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, 2025-26 Standard Specifications for Road and Bridge Construction at the following website:
http://www.fdot.gov/programmanagement/Implemented/SpecBooks

ROADWAY PLANS ENGINEER OF RECORD:

SHARI K. BARNWELL , P.E.
P.E. LICENSE NUMBER 71357

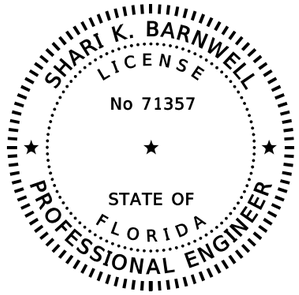
KIMLEY-HORN AND ASSOCIATES, INC
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602
(813)-627-1460
CONTRACT NO.: 23-R081325CD
VENDOR NO.: 56-0885615

COUNTY PROJECT MANAGER:

ANTHONY RUSSO, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	26	1

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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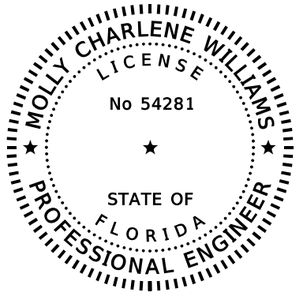
ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602
SHARI K. BARNWELL, P.E. NO.: 71357

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

SHEET NO.	DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
13 - 27	TYPICAL SECTIONS
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75 - 76	SPECIAL DETAILS
111 - 144	ROADWAY CROSS SECTIONS
145 - 160	SIDE STREET CROSS SECTIONS
161	DRIVEWAY CROSS SECTIONS
181 - 211	TEMPORARY TRAFFIC CONTROL PLAN
212 - 229	UTILITY ADJUSTMENT PLAN
DET - 1	ROADWAY DETAIL



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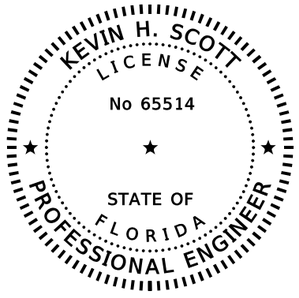
ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

KIMLEY-HORN AND ASSOCIATES, INC.
1800 2ND STREET, SUITE 900
SARASOTA, FL 34236
MOLLY CHARLENE WILLIAMS, P.E. NO.: 54281

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

SHEET NO.	DESCRIPTION
2	SIGNATURE SHEET
3 - 8	DRAINAGE MAPS
9 - 11	SUMMARY OF DRAINAGE STRUCTURES
12	EXISTING DRAINAGE STRUCTURES
77 - 99	DRAINAGE STRUCTURE SECTIONS
100 - 108	POND DETAILS
109 - 110	CONTROL STRUCTURE DETAILS
162 - 163	STORMATER POLLUTION PREVENTION PLAN
164 - 180	EROSION CONTROL PLAN



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637
KEVIN H. SCOTT, P.E. NO 65514

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

SHEET NO.	DESCRIPTION
2	SIGNATURE SHEET
GR-1	ROADWAY SOIL SURVEY
GR-2 - GR-8	POND SOIL SURVEY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

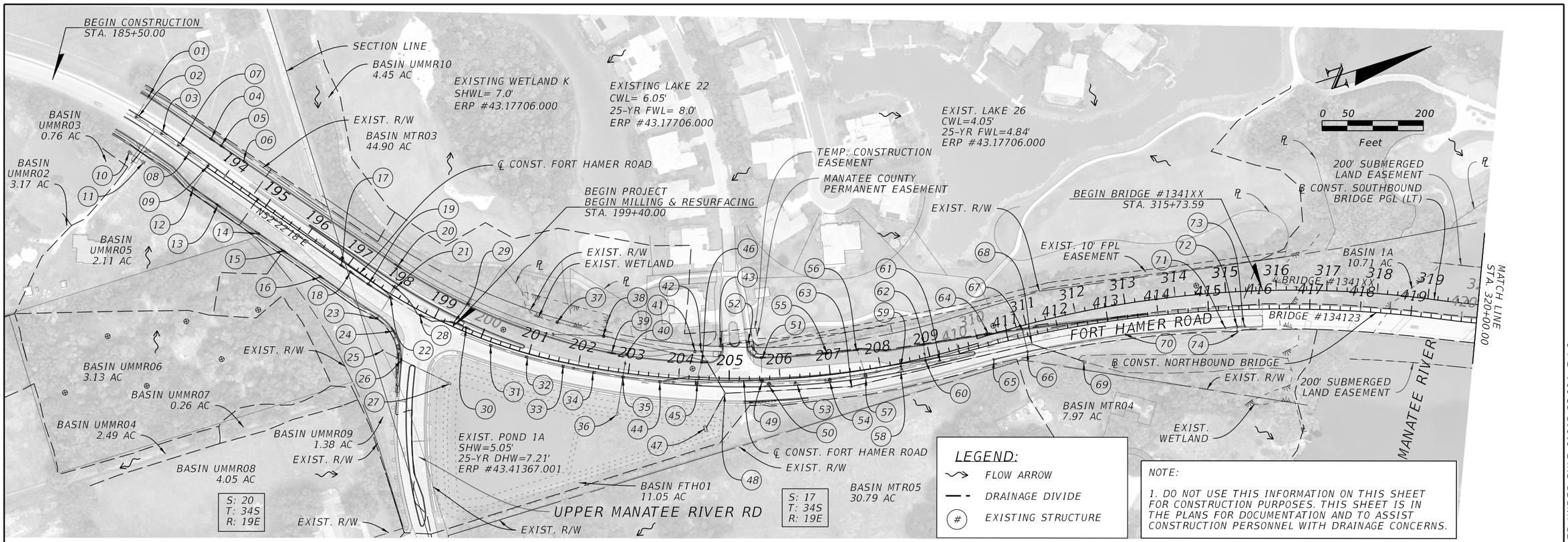
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

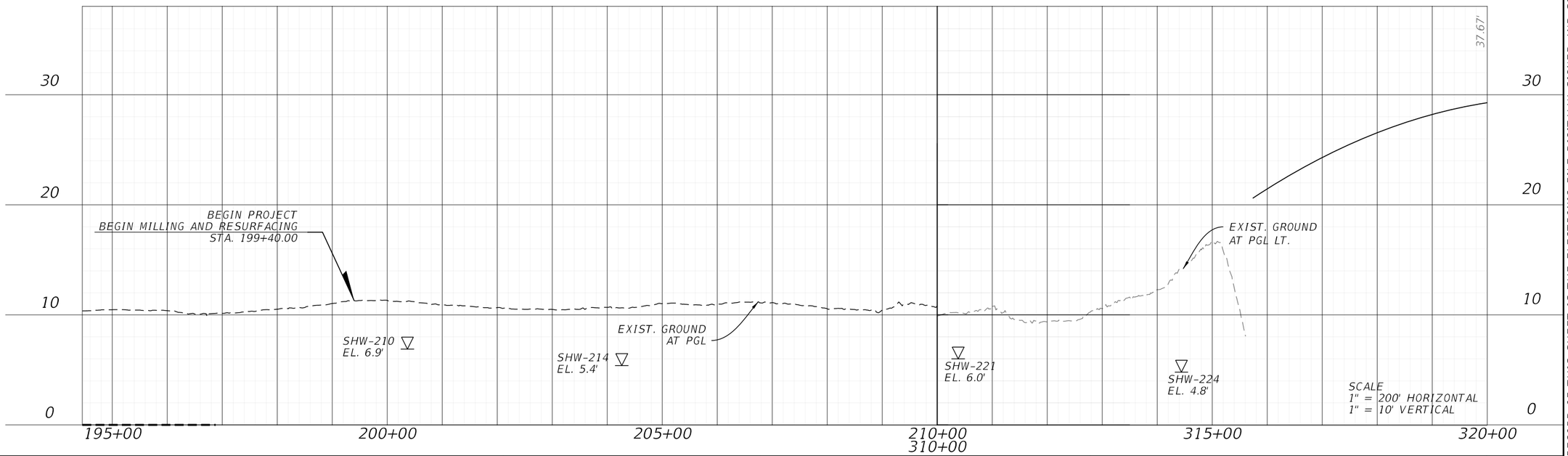
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

SIGNATURE SHEET

SHEET NO. 2





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

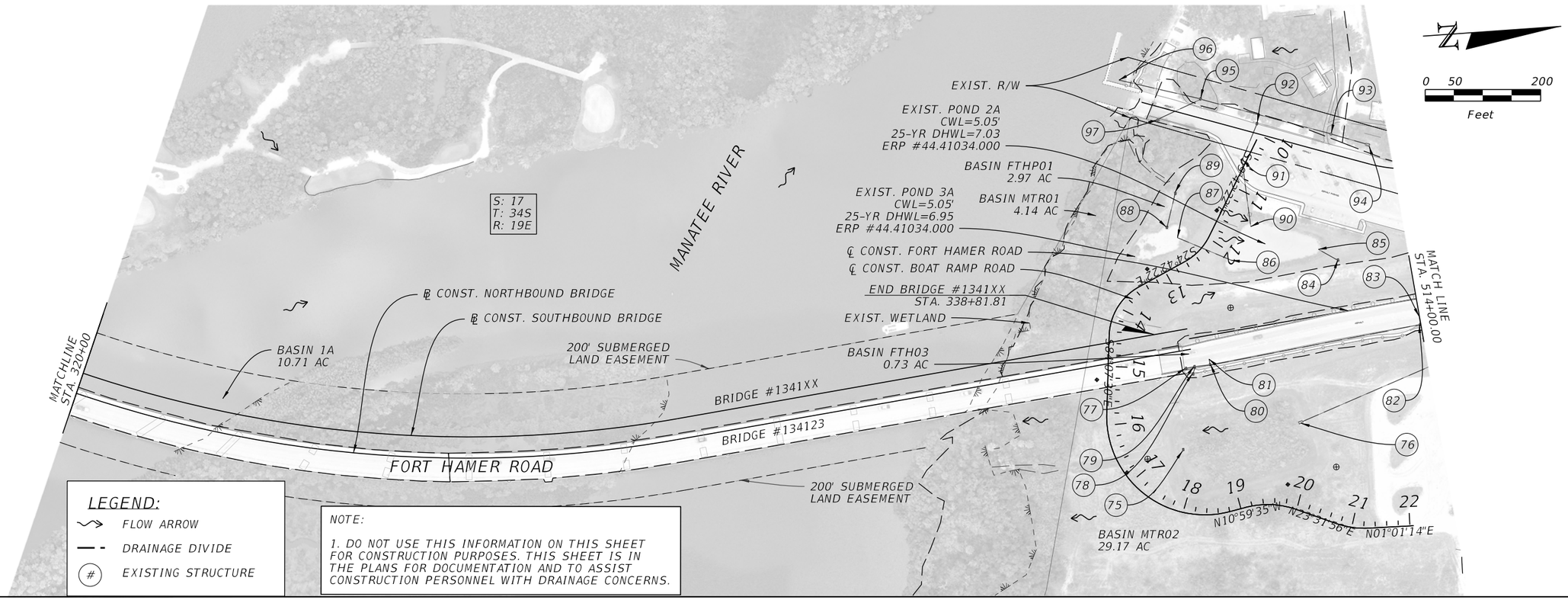
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

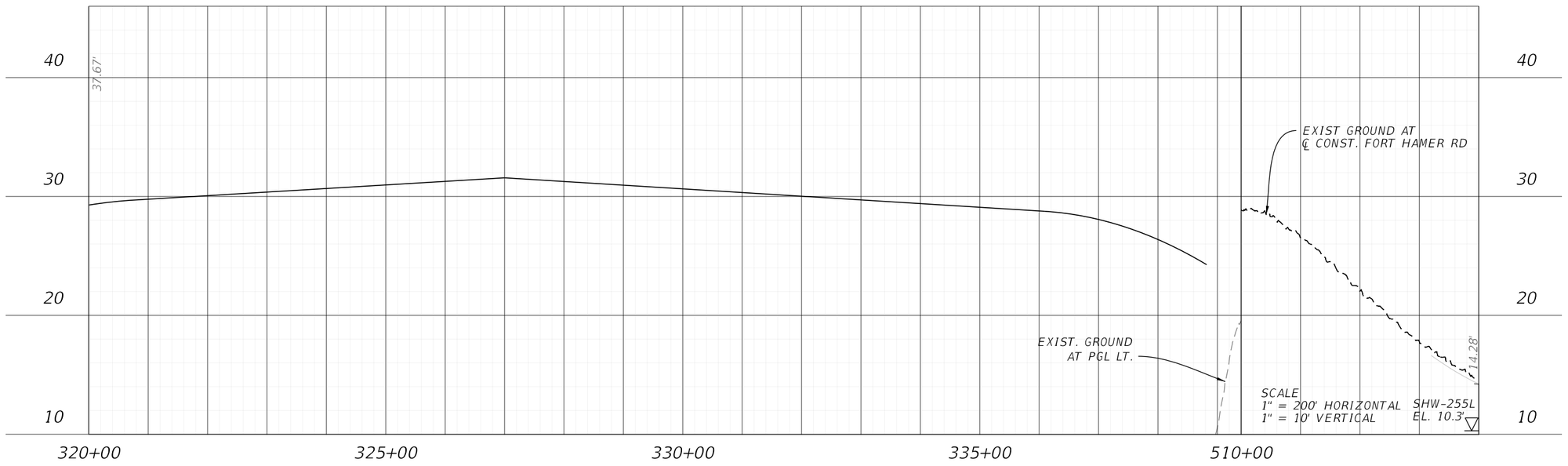
EXISTING DRAINAGE MAPS (1)

SHEET NO. 3

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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Kaleigh.Cook 9/25/2025 5:40:26 PM





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

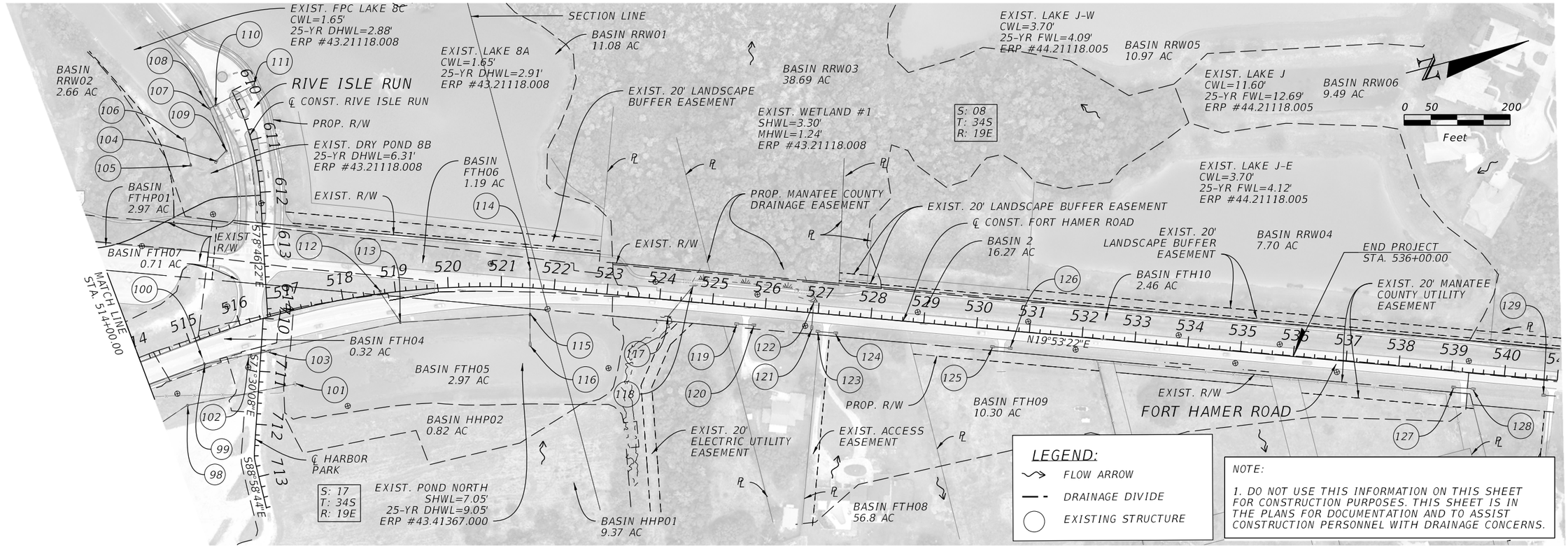
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

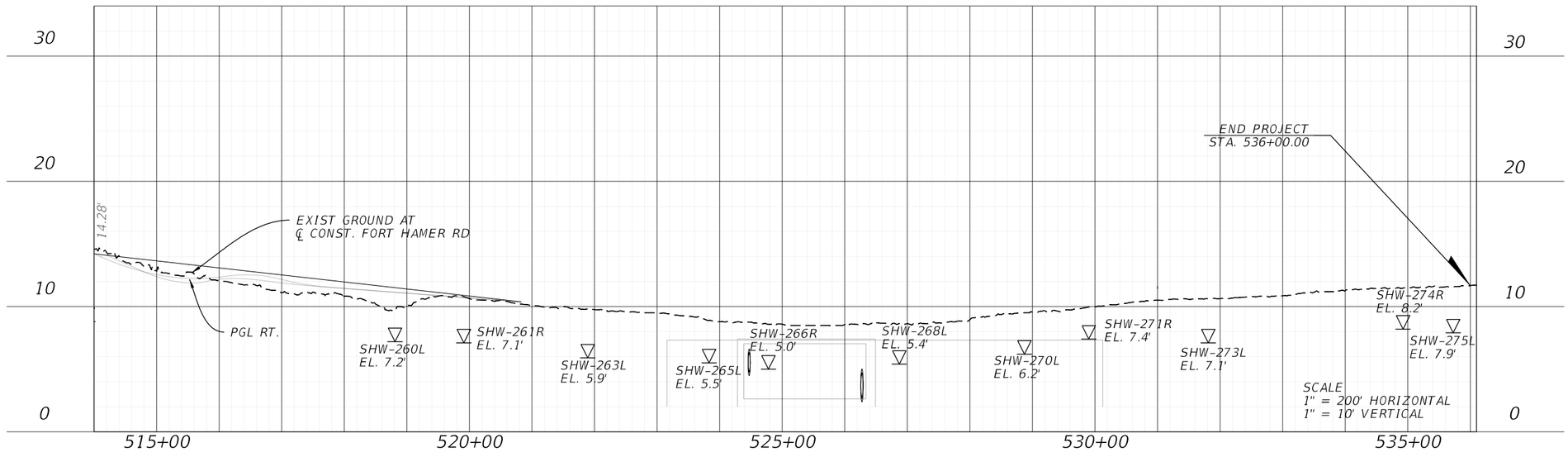
EXISTING DRAINAGE MAPS (2)

SHEET NO. 4

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

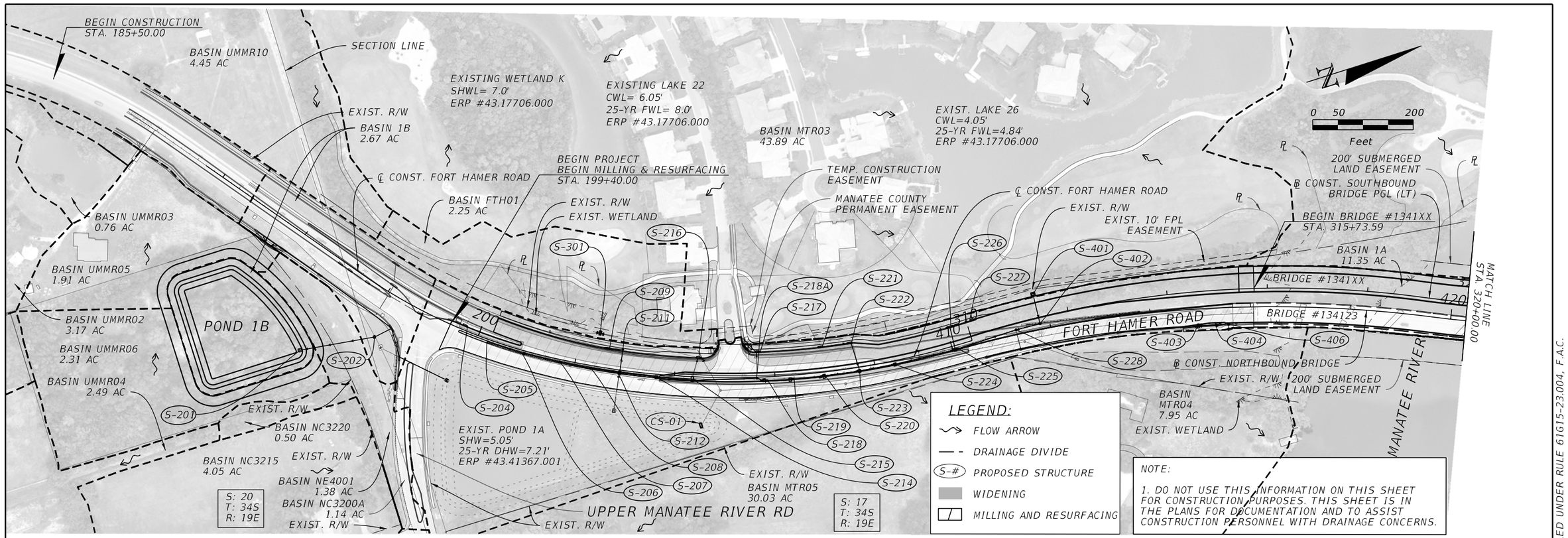
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

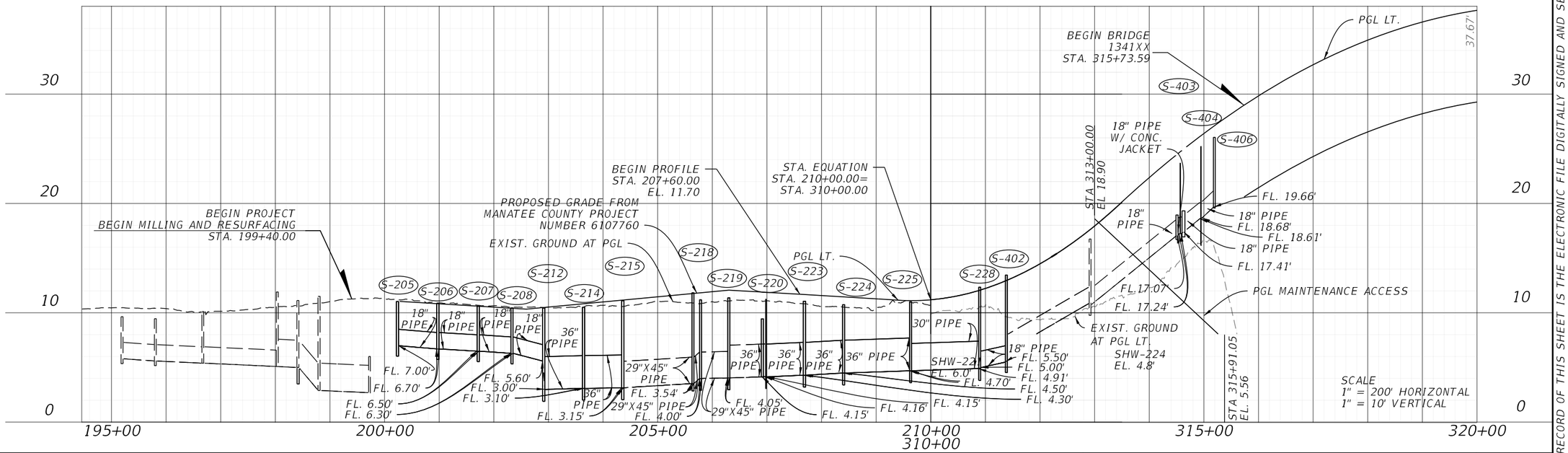
EXISTING DRAINAGE MAPS (3)

SHEET NO. 5

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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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

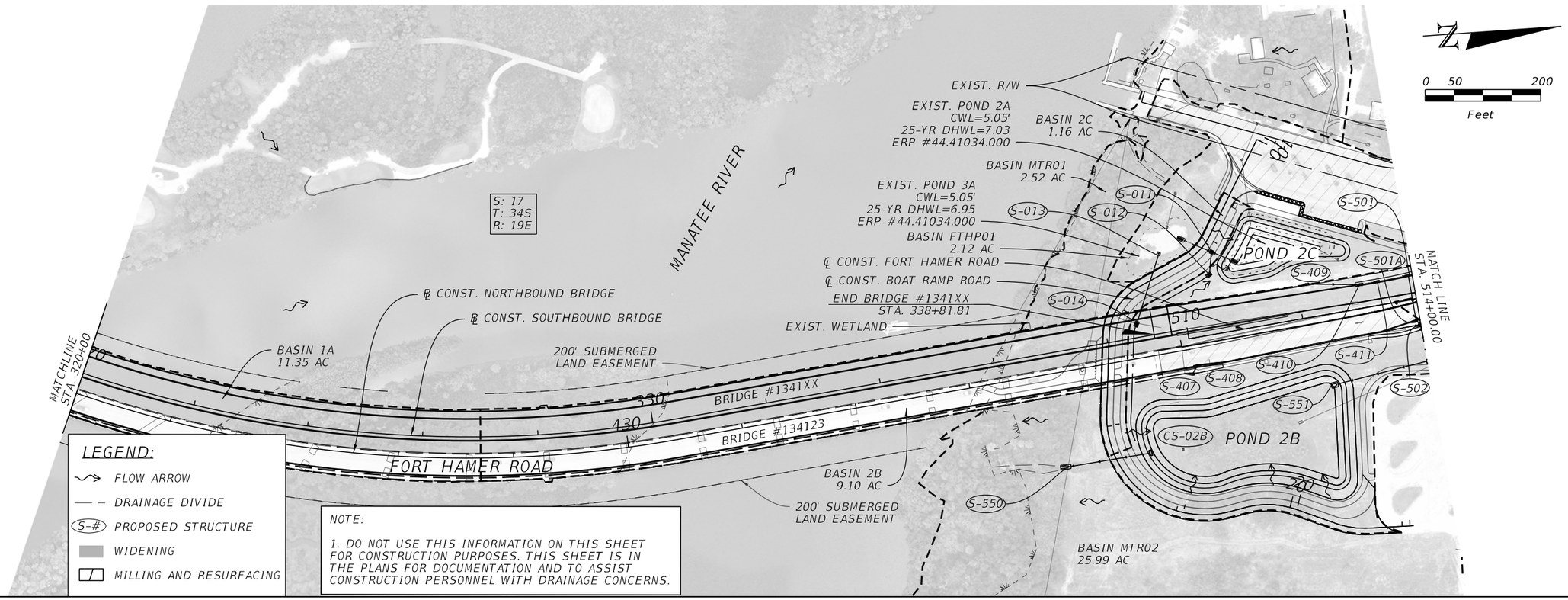
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

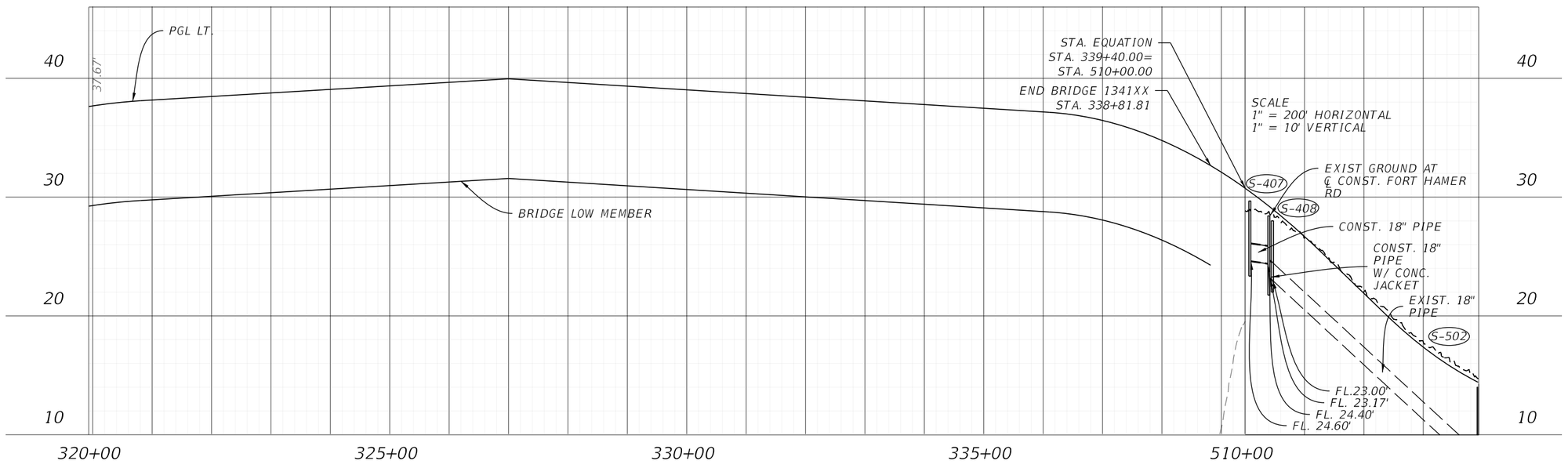
PROPOSED DRAINAGE MAPS (1)

SHEET NO. 6

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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Kaleigh.Cook 9/25/2025 5:20:55 PM





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

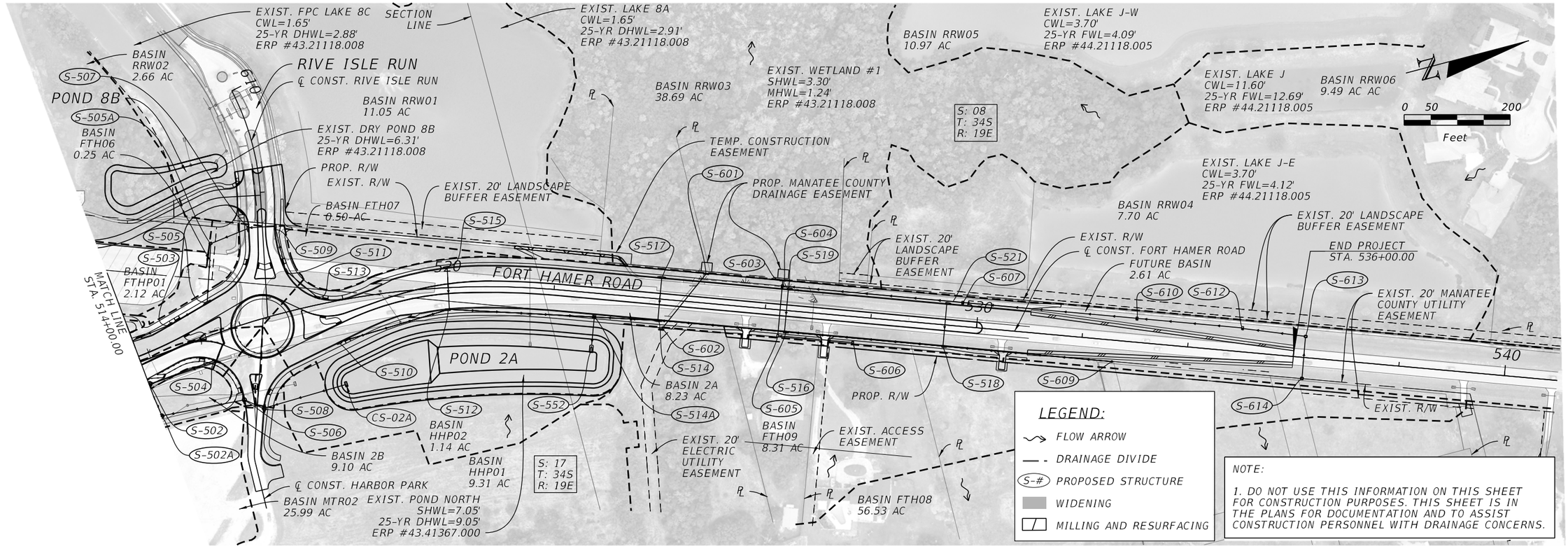
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

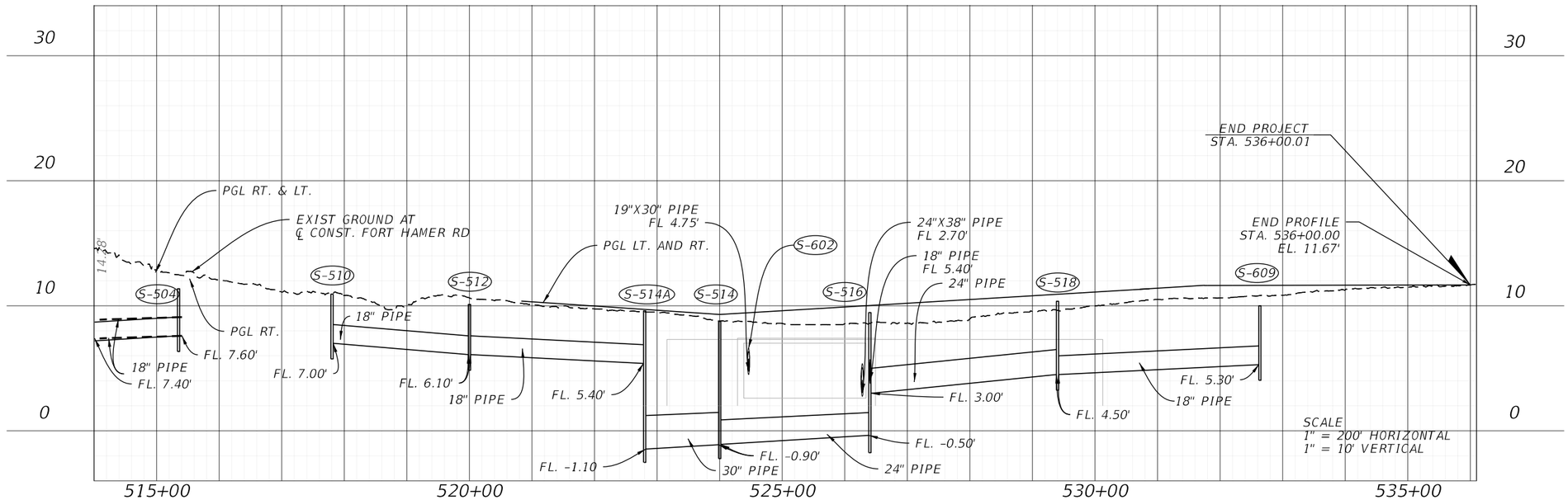
PROPOSED DRAINAGE MAPS (2)

SHEET NO. 7

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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Kaleigh.Cook 9/25/2025 5:21:12 PM





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

PROPOSED DRAINAGE MAPS (3)

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.

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Kaleigh.Cook 9/25/2025 5:21:26 PM

SUMMARY OF DRAINAGE STRUCTURES

QTY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	SIZE	LENGTH	STORM PIPE				MANHOLE			DITCH BOTTOM INLET		CURB INLET									MITERED END SECTIONS	SOD (SY)	REMARKS
								18	30	36	19x30	P-7 (<10')	P-7 (PARTIAL)	ADJUST EXIST.	D (<10') J BOT	D (<10') J BOT	P-5 (<10')	P-5 (PARTIAL)	J-5 (<10')	J-5 (PARTIAL)	P-6 (<10')	J-6 (PARTIAL)	J-6 (<10')	P-8 (<10')	J-8 (<10')	CD MES (1:2) 30		
P	S-202	198+22.00	RT	DITCH BOTTOM	1	30	145		145						1													
F																												
P	S-203	197+23.29	RT	CD MES (1:2 SLOPE)	1	30																				1		
F																												
P	S-204	199+65.30	LT	CURB INLET														1										TOP ONLY
F																												
P	EX-24	198+42.15	RT	EXIST. CURB INLET	1	30	35		35																			CONNECT TO PROP. STRUCTURE
F																												
P	EX-52	205+34.31	LT	EXIST. CURB INLET	1	18	32	32																				CONNECT TO PROP. STRUCTURE
F																												
P	S-205	200+23.20	RT	CURB INLET	1	18	71	71																1				
F																												
P	S-206	200+97.00	RT	CURB INLET	1	18	71	71																1				
F																												
P	S-207	201+71.00	RT	CURB INLET	1	18	59	59																1				
F																												
P	S-208	202+33.00	RT	CURB INLET	1	18	55	55																1				
F																												
P	S-209	202+61.32	LT	CURB INLET	1	18	26	26													1							
F																												
P	S-211	202+91.00	LT	MANHOLE	1	18	44	44				1																
F																												
P	S-212	202+91.00	RT	CURB INLET	1	36	8			8															1			5.0'X5.0' J-BOTTOM
F																												
P	S-214	203+64.00	RT	CURB INLET	1	36	70			70															1			5.0'X4.0' J-BOTTOM
F																												
P	S-215	204+35.60	RT	CURB INLET	1	36	69			69										1								TOP ONLY
F																												
P	S-216	204+44.00	LT	CURB INLET	1	18	6	6									1											
F																												
P	S-217	205+65.00	LT	CURB INLET	1	18	8	8									1											
F																												
P	S-218	205+78.18	RT	CURB INLET	1	29x45																1						TOP ONLY
F																												
P	S-218A	205+64.32	RT	MANHOLE (ADJUST)	1	29x45								1														ADJUST MANHOLE
F																												
P	S-219	206+29.87	RT	CURB INLET	1	29x45														1								TOP ONLY
F																												
P	S-220	206+97.75	RT	CURB INLET	1	36	5			5									1									4.0'X7.0' J-BOTTOM
F																												
P	S-221	206+99.00	LT	CURB INLET	1	18	56	56									1											
F																												
P	S-222	207+60.00	LT	CURB INLET	1	18	56	56									1											
F																												
P	S-223	207+68.46	RT	CURB INLET	1	36	68			68									1									5.0'X4.0' J-BOTTOM
F																												
P	S-224	208+40.00	RT	CURB INLET	1	36	69			69									1									5.0'X4.0' J-BOTTOM
F																												
P	S-225	209+62.67	RT	CURB INLET	1	36	120			120													1					5.0'X4.0' J-BOTTOM
F																												
P	S-226	209+65.00	LT	CURB INLET	1	30	43		43												1							
F																												
P	S-227	310+10.00	LT	CURB INLET	1	24											1											
F																												
P	S-228	310+90.30	RT	MANHOLE	1	30	124		124				1															TOP ONLY
F																												
P	S-301	202+40.00	LT	DITCH BOTTOM	1	36	4			4						1												3.5'X7.0' J-BOTTOM
F					1	36	4			4																		
SHEET TOTALS - PLAN QUANTITY								484	347	417		1	1	1	1	1	5	1	3	2	2	1	1	4	2	1		
SHEET TOTALS - FINAL QUANTITY																												

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

SUMMARY OF PROPOSED DRAINAGE STRUCTURES (1)

SHEET NO. 9

SUMMARY OF DRAINAGE STRUCTURES

QTY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	SIZE	LENGTH	STORM PIPE							MANHOLE					DITCH BOTTOM INLET			CURB INLET							MITERED END SECTIONS	SOD (SY)	REMARKS
								18	24	30	36	48	60	14x23	P-7 (<10')	P-7 (PARTIAL)	J-7 (<10')	J-8 (<10')	J-8 (>10')	C (<10')	D (<10')	H (MOD.)	P-1 (PARTIAL)	P-5 (<10')	P-5 (>10')	P-6 (<10')	J-5 (<10')	J-6 (<10')	J-6 (>10')	CD MES (1:4) 14x23		
P	S-401	311+40.00	LT	DITCH BOTTOM	1	18	58	58													1										9	W/ PAVEMENT
F																																
P	S-402	311+40.00	RT	MANHOLE	1	18	46	46							1																	
F																																
P	S-403	414+94.00	RT	CURB INLET	1	18	4	4																			1					3.5'X7.0' J-BOTTOM
P					1	18	4	4																								
F																																
P	S-404	415+31.64	RT	CURB INLET	1																		1									TOP ONLY
F																																
P	S-406	415+55.64	RT	MANHOLE	1											1																TOP ONLY
F																																
P	CS-01	204+55.88	RT	DITCH BOTTOM																		1										MOD. EXIST. CONTROL STRUCTURE
F																																
P	CS-02A	517+75.11	RT	DITCH BOTTOM	1	60	158						158									1										CONNECT TO PROP. PIPE
F																																
P	CS-02B	438+89.37	RT	DITCH BOTTOM	1	48	138					138										1										CONTROL STRUCTURE
F																																
P	S-011	12+06.19	LT	MANHOLE	1	36	4				4						1															5.0'X5.0' J-BOTTOM
P					1	36	4				4																					
F																																
P	S-012	12+30.00	LT	DITCH BOTTOM	1	18	37	37												1											12	TRAVERSABLE W/ SGL SLOT
F																																
P	S-013	12+82.60	RT	CD MES (1:4 SLOPE)	1	14x23																								1		
F																																
P	S-014	14+03.00	LT	DITCH BOTTOM	1	14x23	121							121						1											12	TRAVERSABLE W/ SGL SLOT
F																																
P	S-407	510+08.00	RT	CURB INLET	1	18	29	29																1								
F																																
P	S-408	510+40.00	RT	CURB INLET	1	18	4	4																1								
F																																
P	S-409	512+19.00	LT	CURB INLET	1	18	91	91																1								
F																																
P	S-410	513+11.00	LT	CURB INLET	1	18	26	26																1								
F																																
P	S-411	513+40.00	LT	CURB INLET	1	18	50	50																1								
F																																
P	S-501	513+93.26	LT	CURB INLET	1	30	76			76														1								
F																																
P	S-501A	513+93.00	RT	CURB INLET	1	30	6			6															1							4.0' DIA. BOTTOM
F																																
P	S-502	513+98.94	RT	MANHOLE	1	30	61			61								1														6.0' DIA. BOTTOM
P					1	18	6	6																								
F																																
P	S-502A	514+01.74	RT	MANHOLE	1	60	158						158						1													7.0' DIA. J-BOTTOM
F																																
P	S-503	514+80.00	LT	CURB INLET	1	24	84		84															1								
F																																
P	S-504	515+35.30	RT	CURB INLET	1	18	133	133																				1				
F																																
P	S-505	515+56.00	LT	CURB INLET	1	24	75		75																	1						4.0' DIA. BOTTOM
F																																
P	S-505A	612+90.68	RT	DITCH BOTTOM	1	18	109	109													1											
F																																
P	S-506	711+55.36	RT	CURB INLET	1	60	155						155																1			7.0' DIA. J-BOTTOM
F																																
P	S-507	612+65.17	RT	CURB INLET	1	18	74	74																1								
F																																
P	S-508	711+69.37	LT	CURB INLET	1	60	38						38																1			7.0' DIA. J-BOTTOM
F																																
SHEET TOTALS - PLAN QUANTITY								671	159	143	8	138	509	121	1	1	1	1	1	2	2	3	1	8	1	1	1	1	2	1	33	
SHEET TOTALS - FINAL QUANTITY																																

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

SUMMARY OF PROPOSED DRAINAGE STRUCTURES (2)

SHEET NO. 10

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

SUMMARY OF DRAINAGE STRUCTURES

QTY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	SIZE	LENGTH	STORM PIPE						MANHOLE			DITCH BOTTOM INLET			CURB INLET				MITERED END SECTIONS			HEADWALL		SOD (SY)	REMARKS
								18	24	30	36	19x30	24x38	P-7 (<10')	J-7 (<10')	J-7 (>10')	D (<10')	D (MOD.)	BOSW (<10')	P-5 (<10')	P-5 (>10')	P-6 (<10')	P-6 (>10')	SD MES	CD MES (1:2)	CD MES (1:4)	19x30	24x38		
																								48	60	36				
P	S-509	612+64.85	LT	CURB INLET	1	18	47	47												1										
F																														
P	S-510	517+80.00	RT	CURB INLET	1	18	211	211												1										
F																														
P	S-511	613+49.75	LT	CURB INLET	1	18	83	83												1										
F																														
P	S-512	520+00.00	RT	CURB INLET	1	18	271	271												1										
F																														
P	S-513	517+55.00	LT	CURB INLET	1	18	78	78												1										
F																														
P	S-514	524+00.00	RT	CURB INLET	1	30	117			117													1							
F																														
P	S-514A	522+80.00	RT	MANHOLE	1	36	51				51					1														4.0'X5.0' J-BOTTOM
F																														
P	S-515	520+00.00	LT	CURB INLET	1	18	76	76												1										
F																														
P	S-516	526+40.00	RT	CURB INLET	1	24	237		237												1									
F																														
P	S-517	524+00.00	LT	CURB INLET	1	18	77	77														1								
F																														
P	S-518	529+40.00	RT	CURB INLET	1	24	297		297											1										
F																														
P	S-519	526+40.00	LT	CURB INLET	1	18	77	77												1										
F																														
P	S-521	529+40.00	LT	CURB INLET	1	18	77	77												1										
F																														
P	S-550	336+97.32	RT	SD MES	1	48																		1						
F																														
P	S-551	512+38.30	RT	CD MES (1:2 SLOPE)	1	60																			1					
F																														
P	S-552	522+80.00	RT	CD MES (1:4 SLOPE)	1	36																				1				
F																														
P	S-601	524+83.00	LT	HEADWALL	1	19x30																					1			
F																														
P	S-602	524+08.00	RT	HEADWALL	1	19x30	136					136															1			
F																														
P	S-603	526+28.00	LT	HEADWALL	1	24x38																						1		
F																														
P	S-604	526+28.00	LT	MANHOLE	1	24x38	11						11			1														4.0'X6.0' J-BOTTOM
F																														
P	S-605	526+28.00	RT	DITCH BOTTOM (BOSW)	1	24x38	89						89						1											BACK OF SIDEWALK INLET
F																														
P	S-606	527+70.00	RT	DITCH BOTTOM (BOSW)	1	24	140		140										1											BACK OF SIDEWALK INLET
F																														
P	S-607	529+70.00	LT	MANHOLE	1	36	340				340					1														4.0'X6.0' OFFSET J-BOTTOM
F																														
P	S-609	532+60.00	RT	MANHOLE	1	18	320	320						1																
F																														
P	S-610	533+00.00	LT	MANHOLE	1	36	329				329				1															4.0'X6.0' OFFSET J-BOTTOM
F																														
P	S-612	535+00.00	LT	MANHOLE	1	36	197				197				1															4.0'X6.0' OFFSET J-BOTTOM
F																														
P	S-613	536+20.00	LT	DITCH BOTTOM	1	36	117				117						1													
F																														
P	S-614	536+20.00	RT	DITCH BOTTOM	1	36	77				77							1												1'X2' WEIR WINDOW (INV. 7.72')
F																														
P	EX-78	510+00.00	RT	EXIST. CURB INLET		18	14	14																						CONNECT TO PROP. STRUCTURE
F																														
P																														
F																														
SHEET TOTALS - PLAN QUANTITY								1331	674	117	1111	136	100	1	2	3	1	1	2	9	1	1	1	1	1	1	2	1		
SHEET TOTALS - FINAL QUANTITY																														

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

SUMMARY OF PROPOSED DRAINAGE STRUCTURES (3)

SHEET NO. 11

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

c:\pw\kh1\d0448293\DRDTRD02.dgn : SHEET 3
Kaleigh.Cook 9/25/2025 5:22:32 PM

* 1 MANHOLE TYPE 8
TOP EL 11.27
SE FL 5.00 (18" RCP)
NE FL 7.10 (18" RCP)
SW FL 5.00 (18" RCP)

* 2 CI TYPE 1
TOP EL 9.88
NE FL 5.10 (18" RCP)
NW FL 5.10 (18" RCP)

* 3 CI TYPE 1
TOP EL 10.15
NE FL 5.20 (18" RCP)
SW FL 5.20 (18" RCP)

* 4 CI TYPE 5
TOP EL 11.17
NE FL 7.40 (18" RCP)
SW FL 7.40 (18" RCP)

* 5 CI TYPE 5
TOP EL 11.33
NE FL 7.50 (18" RCP)
SW FL 7.50 (18" RCP)

* 6 CI TYPE 5
TOP EL 11.60
FL 7.80 (18" RCP)

* 7 CI TYPE 1
TOP EL 10.54
NE FL 5.30 (18" RCP)
SW FL 5.30 (18" RCP)

* 8 CI TYPE 1
TOP EL 10.81
NE FL 5.35 (18" RCP)
SW FL 5.35 (18" RCP)

* 9 MANHOLE TYPE 8
TOP EL 11.52
SE FL 5.45 (18" RCP)
SW FL 5.45 (18" RCP)

* 10 MES
FL 5.35 (18" RCP)

* 11 MES
FL 5.43 (18" RCP)

* 12 CI TYPE 5
TOP EL 9.36
NE FL 5.55 (18" RCP)
NW FL 5.55 (18" RCP)

* 13 CI TYPE 5
TOP EL 9.56
FL 5.70 (18" RCP)

* 14 CI TYPE 5
TOP EL 9.64
FL 5.80 (18" RCP)

* 15 CI TYPE 6
TOP EL 9.46
SW FL 5.60 (18" RCP)
NE FL 5.60 (18" RCP)

* 16 CI TYPE 5
TOP EL 10.11
SW FL 5.40 (18" RCP)
NE FL 5.40 (18" RCP)

* 17 CI TYPE 5
TOP EL 10.28
FL 6.40 (18" RCP)

* 18 CI TYPE 5
TOP EL 10.37
SW FL 6.30 (18" RCP)
NE FL 6.30 (18" RCP)

* 19 CI TYPE 5
TOP EL 10.54
SW FL 6.20 (18" RCP)
NE FL 6.20 (18" RCP)

* 20 CI TYPE 6
TOP EL 9.86
FL 5.80 (18" RCP)

* 21 CI TYPE 6
TOP EL 10.31
W FL 5.70 (18" RCP)
SE FL 5.70 (18" RCP)

* 22 MANHOLE TYPE 8
TOP EL 11.23
SW FL 6.10 (18" RCP)
NW FL 5.60 (18" RCP)
NE FL 7.05 (18" RCP)
SE FL 5.60 (24" RCP)

* 23 MANHOLE TYPE 8
TOP EL 11.92
SW FL 5.10 (18" RCP)
NW FL 5.50 (24" RCP)
NE FL 5.10 (30" RCP)

* 24 CI TYPE 6
TOP EL 11.13
SW FL 5.00 (30" RCP)
E FL 5.00 (30" RCP)

25 GRATE INLET
TOP EL 7.10
FL 3.00 (30" RCP)

* 26 CI TYPE 5
TOP EL 11.51
W FL 2.90 (30" RCP)
N FL 2.90 (30" RCP)

27 MES
FL 2.70 (30" RCP)

* 28 CI TYPE 5
TOP EL 11.00
NE FL 7.20 (18" RCP)
SW FL 7.20 (18" RCP)

* 29 CI TYPE 5
TOP EL 11.05
NE FL 7.40 (18" RCP)
N FL 7.40 (18" RCP)

* 30 CI TYPE 5
TOP EL 11.18
FL 7.50 (18" RCP)

* 31 CI TYPE 8
TOP EL 11.37
FL 7.60 (18" RCP)

* 32 CI TYPE 8
TOP EL 11.14
SW FL 7.40 (18" RCP)
NE FL 7.40 (18" RCP)

* 33 CI TYPE 8
TOP EL 10.94
SW FL 7.20 (18" RCP)
NE FL 7.20 (18" RCP)

* 34 CI TYPE 8
TOP EL 10.77
SW FL 7.10 (18" RCP)
NE FL 7.10 (18" RCP)

* 35 CI TYPE 8
TOP EL 10.66
SW FL 5.70 (18" RCP)
NW FL 5.70 (18" RCP)
NE FL 3.00 (36" RCP)
SE FL 2.99 (36" RCP)

36 MES
FL 2.96 (36" RCP)

* 37 DBI TYPE D
TOP EL 6.00
FL 0.10 (36" RCP)

* 38 DBI TYPE D
TOP EL 5.40
SW FL -0.20 (36" RCP)
NE FL -0.20 (36" RCP)

* 39 CI TYPE 6
TOP EL 9.74
FL 5.90 (18" RCP)

* 40 MANHOLE TYPE 8
TOP EL 10.28
SW FL 5.80 (18" RCP)
SE FL 5.80 (18" RCP)

* 41 TYPE C (MODIFIED INLET)
TOP EL 11.48
SW FL -0.35 (36" RCP)
NE FL -0.35 (36" RCP)

* 42 MANHOLE TYPE 8
TOP EL 11.50
SW FL -0.40 (36" RCP)
E FL -0.90 (29x45" ERCP)

* 43 CI TYPE 3
TOP EL 9.91
FL 5.70 (18" RCP)

* 44 CI TYPE 8
TOP EL 10.89
NE FL 3.10 (36" RCP)
SW FL 3.10 (36" RCP)

* 45 CI TYPE 1
TOP EL 11.09
NW FL 6.10 (18" RCP)
SW FL 3.15 (36" RCP)
NE FL 3.15 (29"x45" ERCP)

* 46 CI TYPE 5
TOP EL 10.54
FL 6.70 (18" RCP)

47 GRATE INLET
TOP EL 6.88
WINDOW EL 5.33
FL 1.18 (36" RCP)

48 MANHOLE
TOP EL 11.41
W FL -1.25 (29"x45" ERCP)
SE FL -1.37 (36" RCP)
N FL -1.54 (48" RCP)

* 49 MANHOLE TYPE 8
TOP EL 12.19
W FL 5.40 (18" RCP)
NE FL 3.54 (29x45" ERCP)
S FL 3.54 (29x45" ERCP)

* 50 CI TYPE 2
TOP EL 11.23
N FL 4.00 (29x45" ERCP)
SW FL 4.00 (29x45" ERCP)

* 51 CI TYPE 5
TOP EL 10.81
W SW FL 5.50 (18" RCP)
E FL 5.50 (18" RCP)

* 52 CI TYPE 3
TOP EL 9.93
S FL 5.60 (18" RCP)
E NE FL 5.60 (18" RCP)

* 53 CI TYPE 1
TOP EL 11.38
N FL 4.05 (36" RCP)
S FL 4.05 (29x45" ERCP)

* 54 CI TYPE 1
TOP EL 11.33
N FL 4.15 (36" RCP)
S FL 4.15 (36" RCP)

* 55 CI TYPE 5
TOP EL 10.91
FL 6.20 (18" RCP)

* 56 CI TYPE 5
TOP EL 10.71
S FL 6.00 (18" RCP)
E FL 6.00 (18" RCP)

* 57 CI TYPE 1
TOP EL 11.10
W FL 5.90 (18" RCP)
N FL 4.25 (36" RCP)
S FL 4.25 (36" RCP)

* 58 CI TYPE 1
TOP EL 10.92
N FL 4.40 (18" RCP)
W FL 4.40 (18" RCP)

* 59 MANHOLE TYPE 8
TOP EL 11.86
E FL 4.35 (18" RCP)
S FL 4.35 (36" RCP)
N FL 4.35 (36" RCP)

* 60 MANHOLE TYPE 8
TOP EL 11.84
W FL 5.90 (18" RCP)
N FL 4.57 (30" RCP)
S FL 4.45 (36" RCP)

* 61 CI TYPE 2
TOP EL 10.95
FL 5.00 (18" RCP)

* 62 CI TYPE 5
TOP EL 10.65
N FL 6.10 (18" RCP)
E FL 6.10 (18" RCP)

63 MANHOLE
TOP EL 11.45
N FL -1.35 (48" RCP)
S SL -1.39 (48" RCP)

* 64 CI TYPE 6
TOP EL 10.50
FL 6.70 (18" RCP)

65 CI TYPE 5
TOP EL 10.60
FL 5.41 (18" RCP)

66 CI TYPE 5
TOP EL 10.93
N FL 5.10 (18" RCP)
S FL 4.99 (18" RCP)
W FL 4.99 (24" RCP)

67 MANHOLE
TOP EL 11.33
S FL 4.91 (30" RCP)
E FL 4.84 (24" RCP)

68 MANHOLE
TOP EL 11.63
S FL -1.98 (48" RCP)
NE FL -1.88 (54" RCP)

69 MES
FL -1.84 (54" RCP)

70 CI TYPE 5
TOP EL 16.75
N FL 10.73 (18" RCP)
S FL 10.87 (18" RCP)

71 CI TYPE 6
TOP EL 25.02
N FL 18.68 (18" RCP)
S FL 18.61 (18" RCP)

72 GRATE INLET
TOP EL 25.90
N FL 19.58 (18" RCP)
S FL 19.66 (18" RCP)

73 GRATE INLET
TOP EL 26.35
FL 20.20 (18" RCP)

74 CI TYPE 5
TOP EL 25.45
FL 19.98 (18" RCP)

75 GRATE INLET
TOP EL 4.58

76 MES
FL 3.78 (36" RCP)

77 GRATE INLET
TOP EL 30.06
FL 24.87 (18" RCP)

78 CI TYPE 5
TOP EL 30.00
FL 24.71 (18" RCP)

79 GRATE INLET
TOP EL 29.51
N FL 24.68 (18" RCP)
E FL 24.74 (18" RCP)
S FL 24.71 (18" RCP)

80 CI TYPE 6
TOP EL 28.56
N FL 23.62 (18" RCP)
S FL 23.51 (18" RCP)
W FL 23.56 (18" RCP)

81 PIPE END UNKNOWN

82 CI TYPE 5
TOP EL 13.72
N FL 6.37 (18" RCP)
S FL 6.77 (18" RCP)
W FL 6.72 (18" RCP)

83 PIPE END UNKNOWN

84 GRATE INLET
TOP EL 9.04
FL 3.58 (18" RCP)

85 PIPE OUTFALL
FL 1.63 (18" RCP)

86 PIPE OUTFALL
FL 1.74 (36" RCP)

87 PIPE OUTFALL
FL 1.46 (36" RCP)

88 GRATE INLET
TOP EL 6.19
FL 1.36 (30" RCP)

89 GRATE INLET
TOP EL 5.39
WEIR EL 4.90
FL 1.17 (30" RCP)

90 PIPE OUTFALL
FL -0.20 (36" RCP)

91 GRATE INLET
TOP EL 6.91
NE FL 0.86 (36" RCP)
NW FL 3.85 (18" RCP)

92 GRATE INLET
TOP EL 7.92
FL 4.42 (18" RCP)

93 MANHOLE
TOP EL 8.89
NE FL 5.86 (12x18" RCP)
SW FL -0.28 (18" RCP)

94 MES
FL 6.80 (12x18" RCP)

95 GRATE INLET
TOP EL 5.09
NE FL 2.08 (18" RCP)
SE FL 2.06 (18" RCP)
SW FL 2.24 (18" RCP)

96 PIPE OUTFALL
FL -4.04 (18" RCP)

97 MANHOLE
TOP EL 6.65
FL 1.97 (18" RCP)

98 MANHOLE
TOP EL 11.78
N FL 4.10 (36" RCP)
S FL 4.16 (36" RCP)

99 CI TYPE 5
TOP EL 11.73
N FL 5.78 (24" RCP)
S FL 6.08 (18" RCP)
W FL 6.22 (18" RCP)

100 PIPE END UNKNOWN

101 GRATE INLET
TOP EL 8.60
FL 4.15 (36" RCP)

102 MES
FL 9.88 (14x23" RCP)

103 MES
FL 9.60 (14x23" RCP)

104 MES
FL 3.86 (15" RCP)

105 GRATE INLET
TOP EL 6.26
WEIR EL 4.87
FL 0.95 (15" RCP)

106 MES
FL -0.80 (15" RCP)

107 MANHOLE
TOP EL 9.90
N FL 4.77 (15" RCP)
E FL 4.64 (15" RCP)
W FL 4.80 (15" RCP)

108 PIPE END UNKNOWN

109 MANHOLE
TOP EL 9.70
SE FL 3.86 (15" RCP)
W FL 4.19 (15" RCP)

110 CI TYPE 5
TOP EL 9.78
N FL 4.63 (15" RCP)
S FL 4.74 (15" RCP)

111 CI TPYE 5
TOP EL 9.70
FL 5.05 (15" RCP)

112 GRATE INLET
TOP EL 9.04
FL 4.87 (18" RCP)

113 GRATE INLET
TOP EL 8.44
N FL 4.16 (30" RCP)
S FL 4.28 (24" RCP)
SW FL 4.66 (18" RCP)

114 GRATE INLET
TOP EL 8.50
WEIR EL 7.90
FL 3.56 (18" RCP)

115 GRATE INLET
TOP EL 7.77
E FL 3.09 (36" RCP)
S FL 3.07 (30" RCP)
W FL 3.23 (18" RCP)

116 MES
FL 3.09 (36" RCP)

117 ENDWALL
FL 5.09 (19x30" RCP)

118 ENDWALL
FL 4.81 (19x30" RCP)

119 MES
FL 4.81 (24x38" RCP)

120 MES
FL 4.66 (24x38" RCP)

121 MES
FL 4.70 (24x38" RCP)

122 ENDWALL
FL 4.18 (24x38" RCP)

123 MES
FL 4.59 (24x38" RCP)

124 MES
FL 4.50 (24X38" RCP)

125 MES
FL 5.98 (24X38" RCP)

126 MES
FL 6.11 (24X38" RCP)

127 MES
FL 9.01 (24X38" RCP)

128 MES
FL 9.07 (24X38" RCP)

129 MES
FL 9.22 (24X38" RCP)

* PROPOSED BY OTHERS - UPPER MANATEE RIVER ROAD PROJECT (CIP NO. 6107760) PROJECT UNDER CONSTRUCTION

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

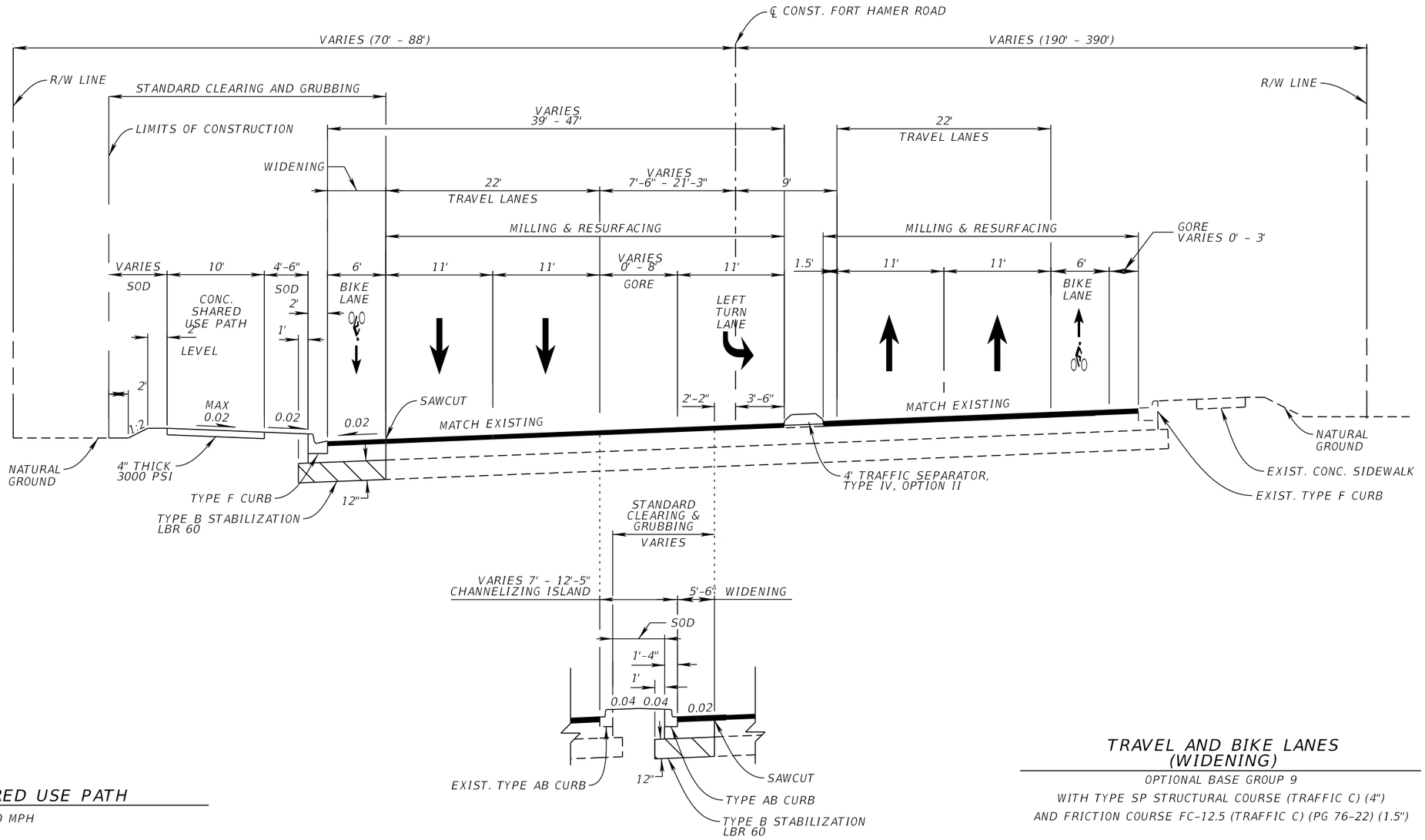
ENGINEER OF RECORD
MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

EXISTING DRAINAGE STRUCTURES

SHEET NO. 12



STA. 199+57.62 TO STA. 200+90.00

TYPICAL SECTION NO. 1
FORT HAMER ROAD
℄ CONST. FORT HAMER ROAD
STA. 199+40.00 TO STA. 203+70.55
N.T.S.

SHARED USE PATH

DESIGN SPEED = 10 MPH

TRAFFIC DATA

CURRENT YEAR = 2025 AADT = 22,600
ESTIMATED OPENING YEAR = 2030 AADT = 28,200
ESTIMATED DESIGN YEAR = 2050 AADT = 50,600
K = 9% D = 50% T = 4.6% (24 HOUR)
DESIGN HOUR T = 2.3%
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH
CONTEXT CLASSIFICATION = C3R

TRAVEL AND BIKE LANES (WIDENING)

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

TRAVEL AND BIKE LANES (RESURFACING)

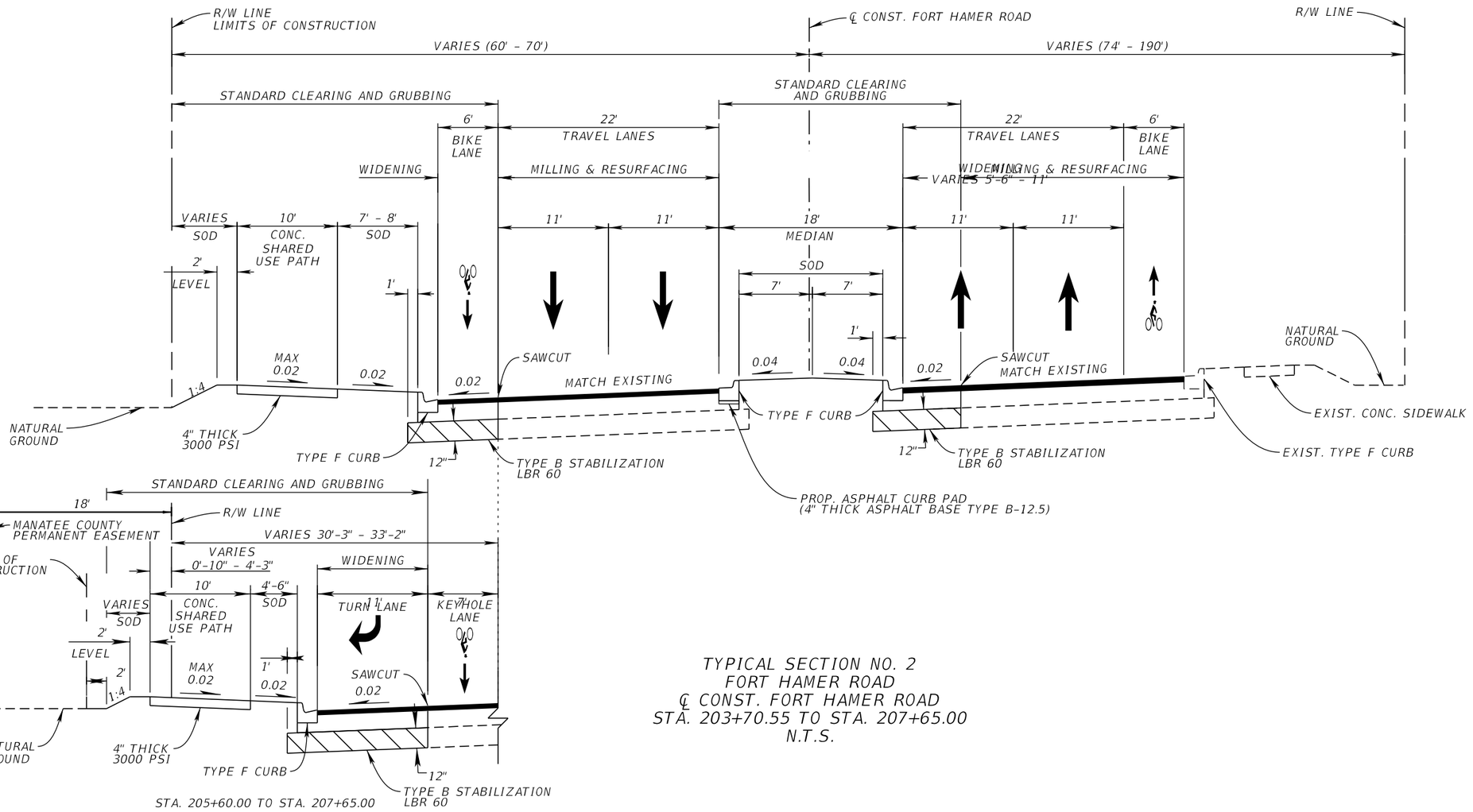
MILL EXIST. ASPHALT PAVEMENT (1.5" AVG. DEPTH)
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

NOTE: ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TYPICAL SECTION (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		13
					FORT HAMER	MANATEE	452856-1-34-01		

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Megan.Wingard 9/26/2025 9:25:21 AM



STA. 205+60.00 TO STA. 207+65.00

SHARED USE PATH

DESIGN SPEED = 10 MPH

TRAFFIC DATA

CURRENT YEAR = 2025 AADT = 22,600
ESTIMATED OPENING YEAR = 2030 AADT = 28,200
ESTIMATED DESIGN YEAR = 2050 AADT = 50,600
K = 9% D = 50% T = 4.6% (24 HOUR)
DESIGN HOUR T = 2.3%
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH
CONTEXT CLASSIFICATION = C3R

TYPICAL SECTION NO. 2
FORT HAMER ROAD
℄ CONST. FORT HAMER ROAD
STA. 203+70.55 TO STA. 207+65.00
N.T.S.

TRAVEL AND BIKE LANES (WIDENING)

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

TRAVEL AND BIKE LANES (RESURFACING)

MILL EXIST. ASPHALT PAVEMENT (1.5" AVG. DEPTH)
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

NOTE: ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

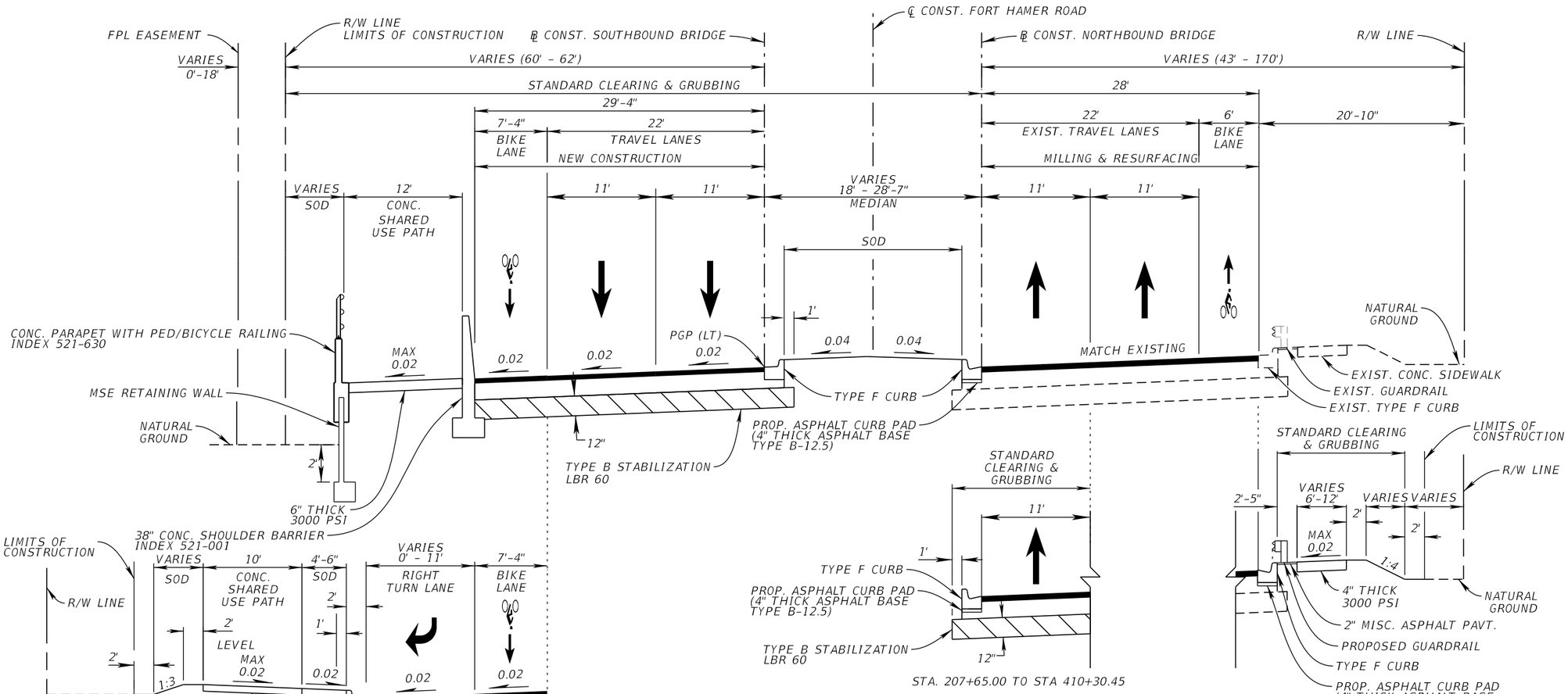
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TYPICAL SECTION (2)

SHEET NO. 14

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Megan.Wingard 9/26/2025 9:25:29 AM



TYPICAL SECTION NO. 3
FORT HAMER ROAD
℄ CONST. FORT HAMER ROAD
STA. 207+65.00 TO STA. 210+00.00
℄ CONST. SOUTHBOUND BRIDGE
STA. 310+00.00 TO STA. 312+50
N.T.S.

SHARED USE PATH

DESIGN SPEED = 10 MPH

TRAFFIC DATA

CURRENT YEAR = 2025 AADT = 22,600
ESTIMATED OPENING YEAR = 2030 AADT = 28,200
ESTIMATED DESIGN YEAR = 2050 AADT = 50,600
K = 9% D = 50% T = 4.6% (24 HOUR)
DESIGN HOUR T = 2.3%
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH
CONTEXT CLASSIFICATION = C3R

TRAVEL AND BIKE LANES (NEW CONSTRUCTION)

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

TRAVEL AND BIKE LANES (RESURFACING)

MILL EXIST. ASPHALT PAVEMENT (1.5" AVG. DEPTH)
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

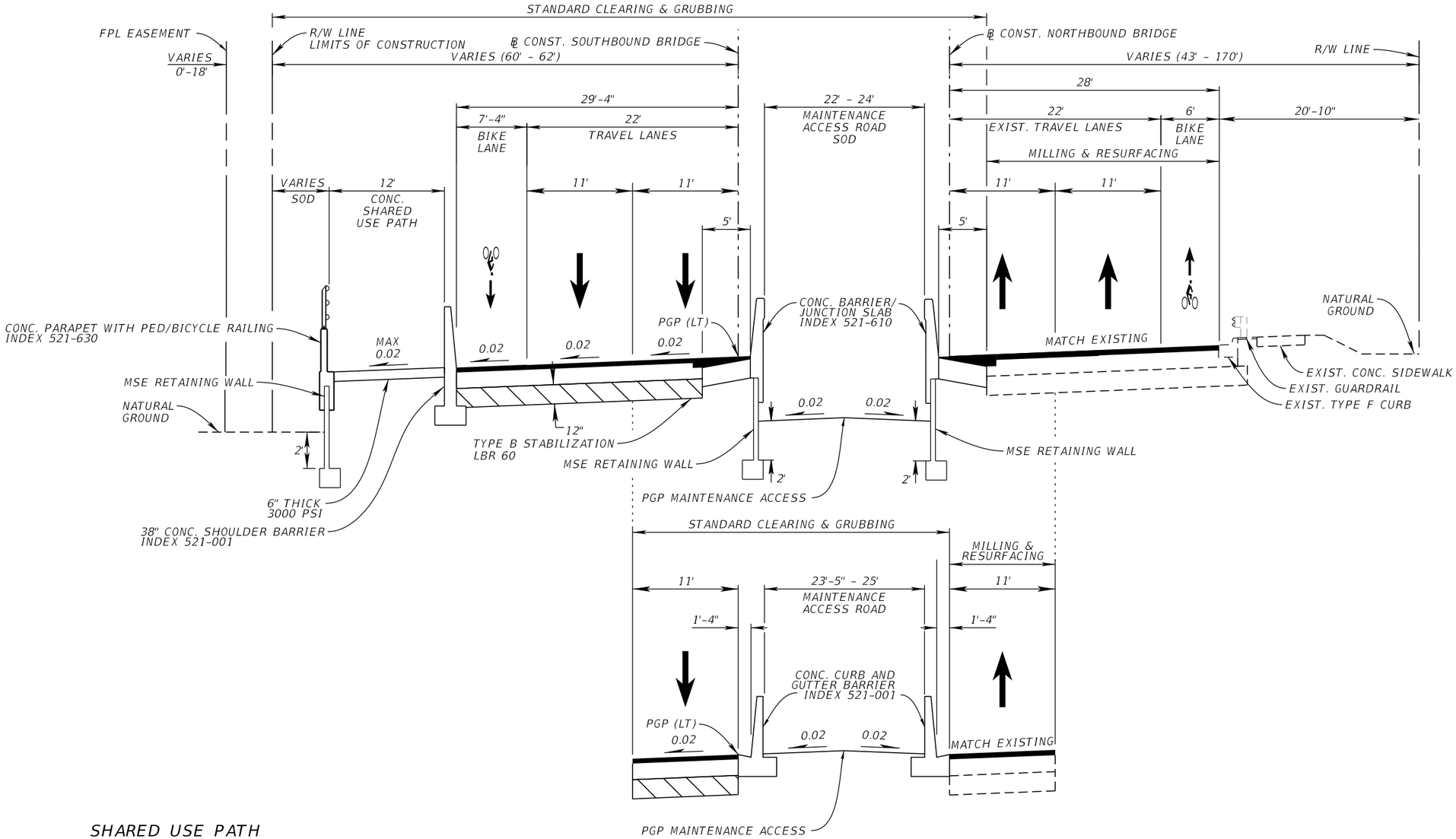
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TYPICAL SECTION (3)

SHEET NO. 15

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Megan.Wingard 9/26/2025 9:25:59 AM



STA. 312+50.00 TO STA. 313+00.00

SHARED USE PATH

DESIGN SPEED = 10 MPH

TRAFFIC DATA

CURRENT YEAR = 2025 AADT = 22,600
ESTIMATED OPENING YEAR = 2030 AADT = 28,200
ESTIMATED DESIGN YEAR = 2050 AADT = 50,600
K = 9% D = 50% T = 4.6% (24 HOUR)
DESIGN HOUR T = 2.3%
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH
CONTEXT CLASSIFICATION = C3R

TYPICAL SECTION NO. 4
FORT HAMER ROAD
℄ CONST. SOUTHBOUND BRIDGE
STA. 312+50.00 TO STA. 315+43.59
N.T.S.

TRAVEL AND BIKE LANES (RESURFACING)

MILL EXIST. ASPHALT PAVEMENT (1.5" AVG. DEPTH)
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

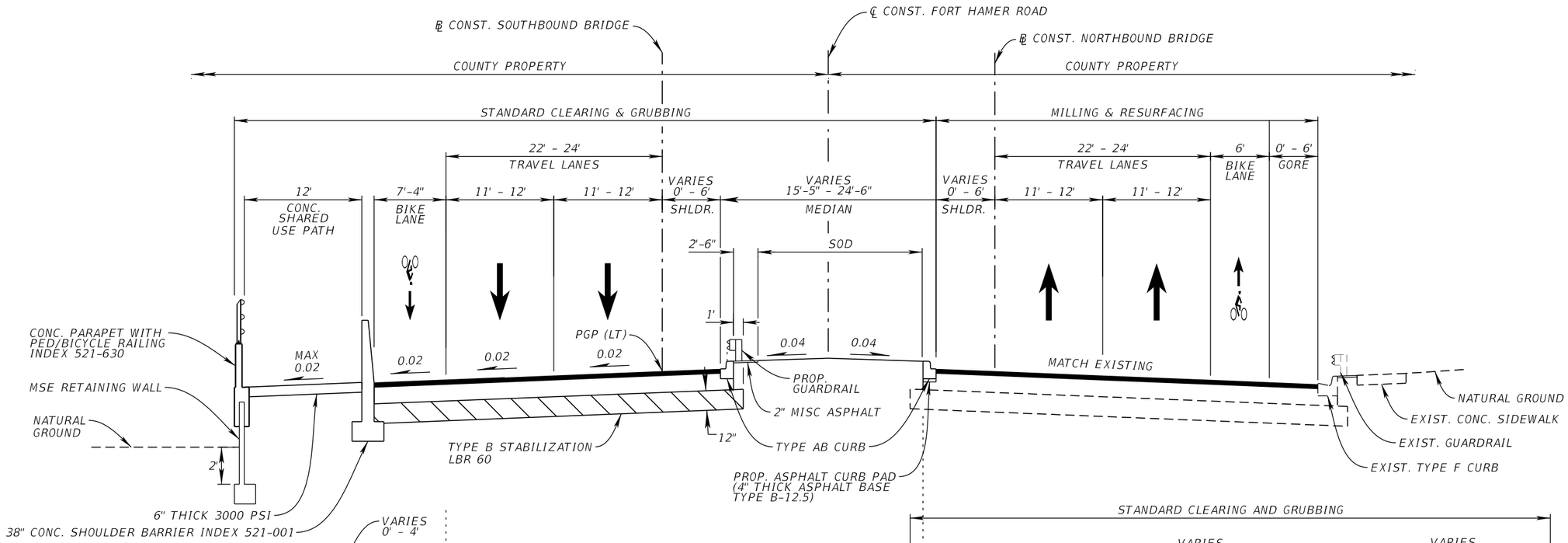
TRAVEL AND BIKE LANES (NEW CONSTRUCTION)

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TYPICAL SECTION (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		16
					FORT HAMER	MANATEE	452856-1-34-.1		

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TYPICAL SECTION NO. 5
FORT HAMER ROAD
℄ CONST. SOUTHBOUND BRIDGE
STA. 339+11.81 TO STA. 339+40.00
℄ CONST. FORT HAMER ROAD
STA. 510+00.00 TO STA. 515+61.52
N.T.S.

TRAFFIC DATA

CURRENT YEAR = 2025 AADT = 22,600
ESTIMATED OPENING YEAR = 2030 AADT = 28,200
ESTIMATED DESIGN YEAR = 2050 AADT = 50,600
K = 9% D = 50% T = 4.6% (24 HOUR)
DESIGN HOUR T = 2.3%
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH
CONTEXT CLASSIFICATION = C3R

SHARED USE PATH

DESIGN SPEED = 10 MPH

TRAVEL AND BIKE LANES (NEW CONSTRUCTION)

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

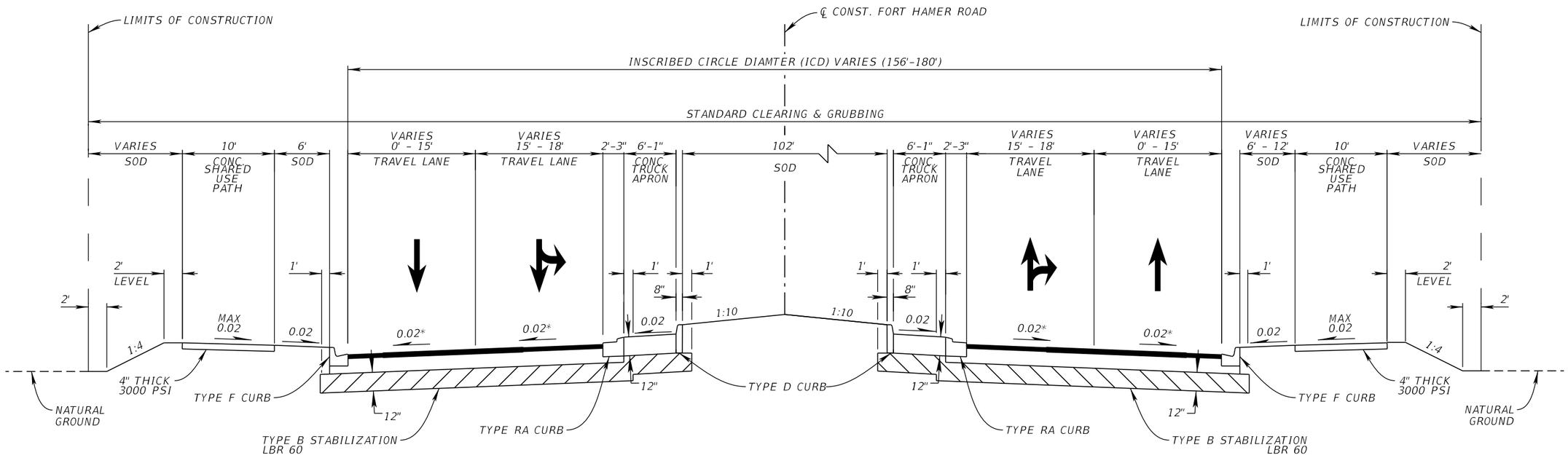
TRAVEL AND BIKE LANES (RESURFACING)

MILL EXIST. ASPHALT PAVEMENT (1.5" AVG. DEPTH)
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TYPICAL SECTION (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		17
					FORT HAMER	MANATEE	452856-1-34-01		

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TYPICAL SECTION NO. 6
FORT HAMER ROAD ROUNDABOUT
STA. 515+61.52 TO STA. 517+18.28
N.T.S.

TRAVEL AND BIKE LANES (NEW CONSTRUCTION)

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

SHARED USE PATH

DESIGN SPEED = 10 MPH

TRAFFIC DATA

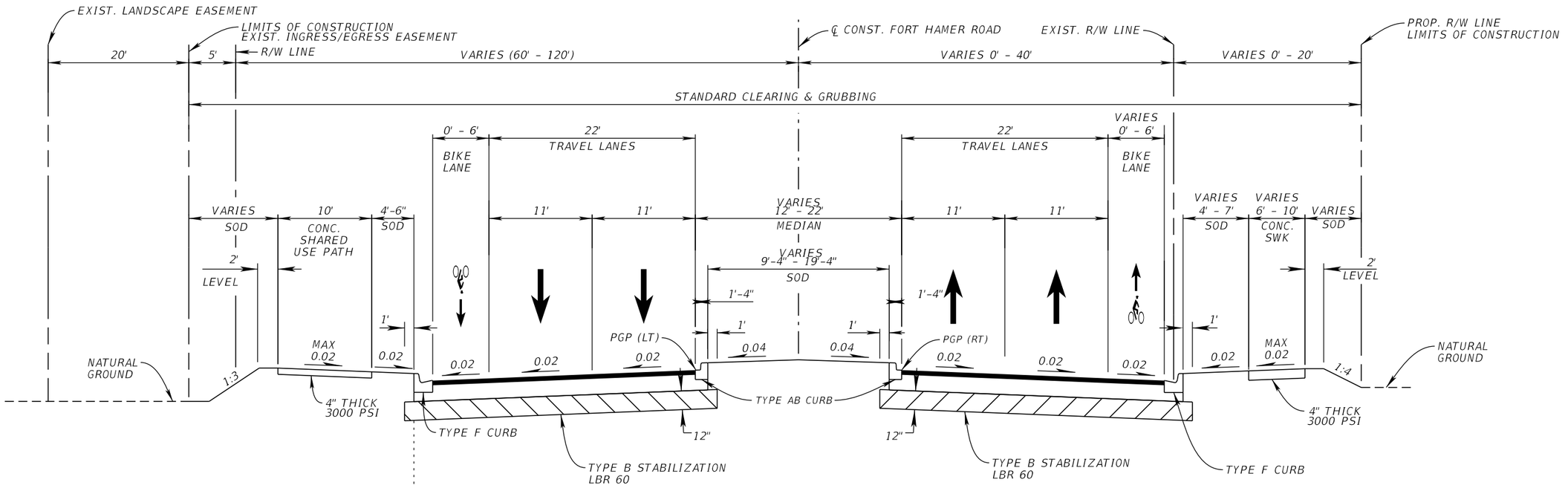
CURRENT YEAR = 2025 AADT = 22,600
ESTIMATED OPENING YEAR = 2030 AADT = 28,200
ESTIMATED DESIGN YEAR = 2050 AADT = 50,600
K = 9% D = 50% T = 4.6% (24 HOUR)
DESIGN HOUR T = 2.3%
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH
CONTEXT CLASSIFICATION = C3R

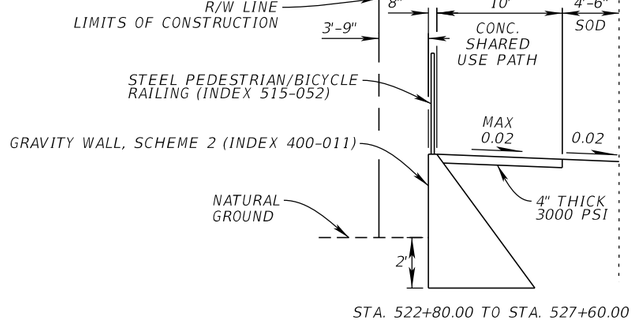
* SEE INTERSECTION GRADING DETAIL SHEET FOR CROSS SLOPES

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TYPICAL SECTION (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		18
					FORT HAMER	MANATEE	452856-1-34-01		

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STA. 522+80.00 TO STA. 527+60.00

TYPICAL SECTION NO. 7
FORT HAMER ROAD
℄ CONST. FORT HAMER ROAD
STA. 517+18.28 TO STA. 531+00.00
N.T.S.

SHARED USE PATH

DESIGN SPEED = 10 MPH

TRAFFIC DATA

CURRENT YEAR = 2025 AADT = 22,600
ESTIMATED OPENING YEAR = 2030 AADT = 28,200
ESTIMATED DESIGN YEAR = 2050 AADT = 50,600
K = 9% D = 50% T = 4.6% (24 HOUR)
DESIGN HOUR T = 2.3%
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH
CONTEXT CLASSIFICATION = C3R

TRAVEL AND BIKE LANES

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

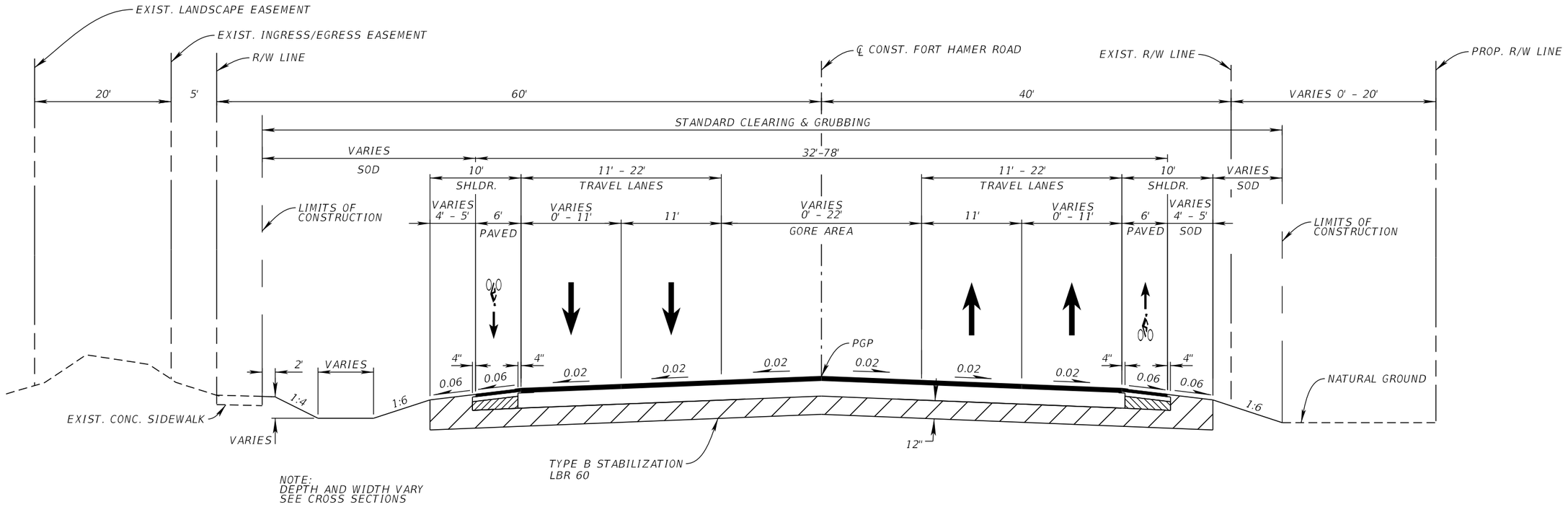
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TYPICAL SECTION (7)

SHEET NO. 19

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TYPICAL SECTION NO. 8
FORT HAMER ROAD
℄ CONST. FORT HAMER ROAD
STA. 531+00.00 TO STA 536+00.00
N.T.S.

TRAFFIC DATA

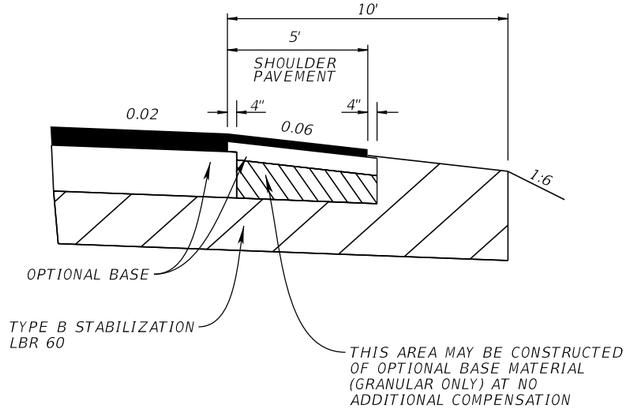
CURRENT YEAR = 2025 AADT = 22,600
ESTIMATED OPENING YEAR = 2030 AADT = 28,200
ESTIMATED DESIGN YEAR = 2050 AADT = 50,600
K = 9% D = 50% T = 4.6% (24 HOUR)
DESIGN HOUR T = 2.3%
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH
CONTEXT CLASSIFICATION = C3R

TRAVEL LANES

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 1
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")

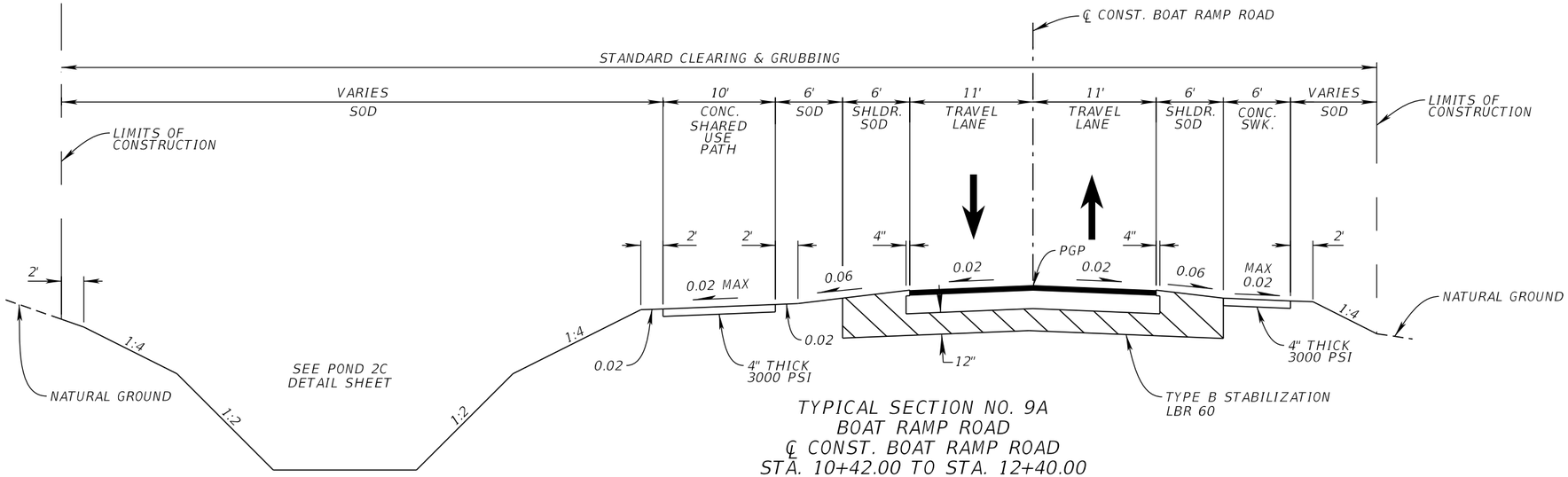


SHOULDER PAVEMENT DETAIL

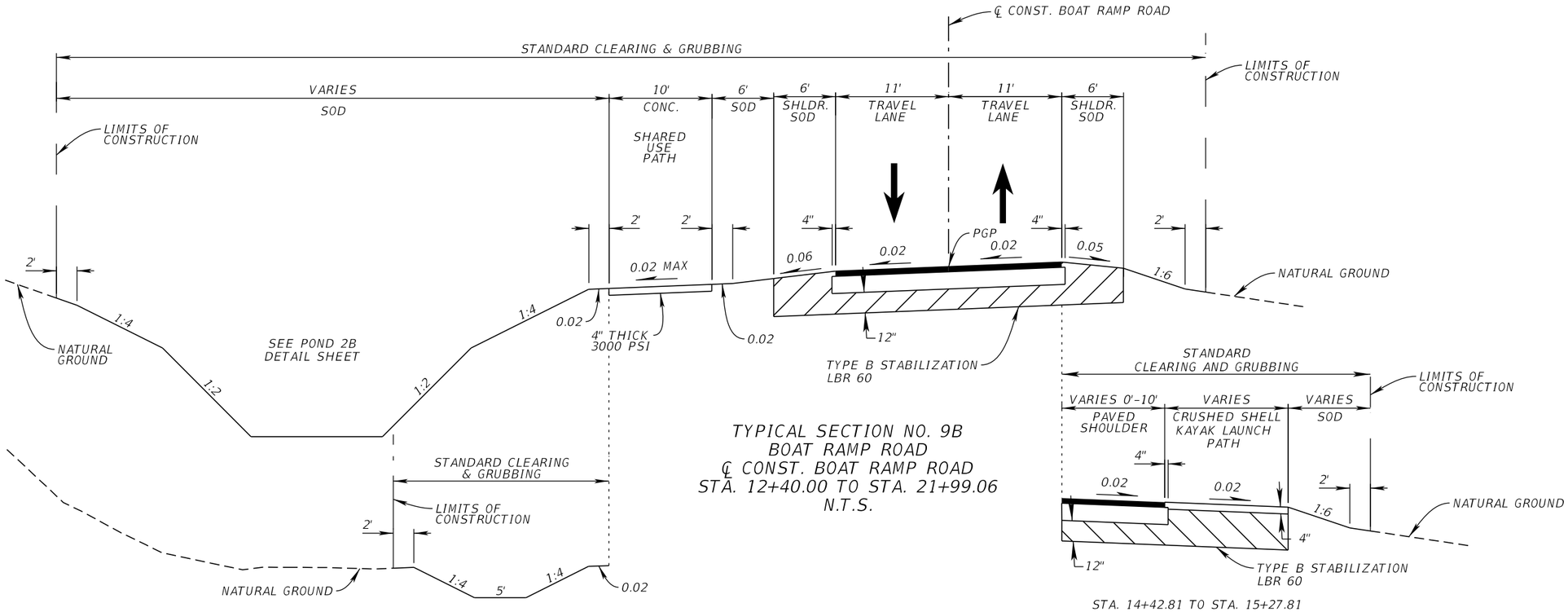
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TYPICAL SECTION (8)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		20
					FORT HAMER	MANATEE	452856-1-34-01		

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TYPICAL SECTION NO. 9A
BOAT RAMP ROAD
℄ CONST. BOAT RAMP ROAD
STA. 10+42.00 TO STA. 12+40.00
N.T.S.



TYPICAL SECTION NO. 9B
BOAT RAMP ROAD
℄ CONST. BOAT RAMP ROAD
STA. 12+40.00 TO STA. 21+99.06
N.T.S.

STA. 14+42.81 TO STA. 15+27.81

TRAFFIC DATA

DESIGN SPEED = 15 MPH
POSTED SPEED = 15 MPH

STA. 12+40.00 TO STA. 16+40.00

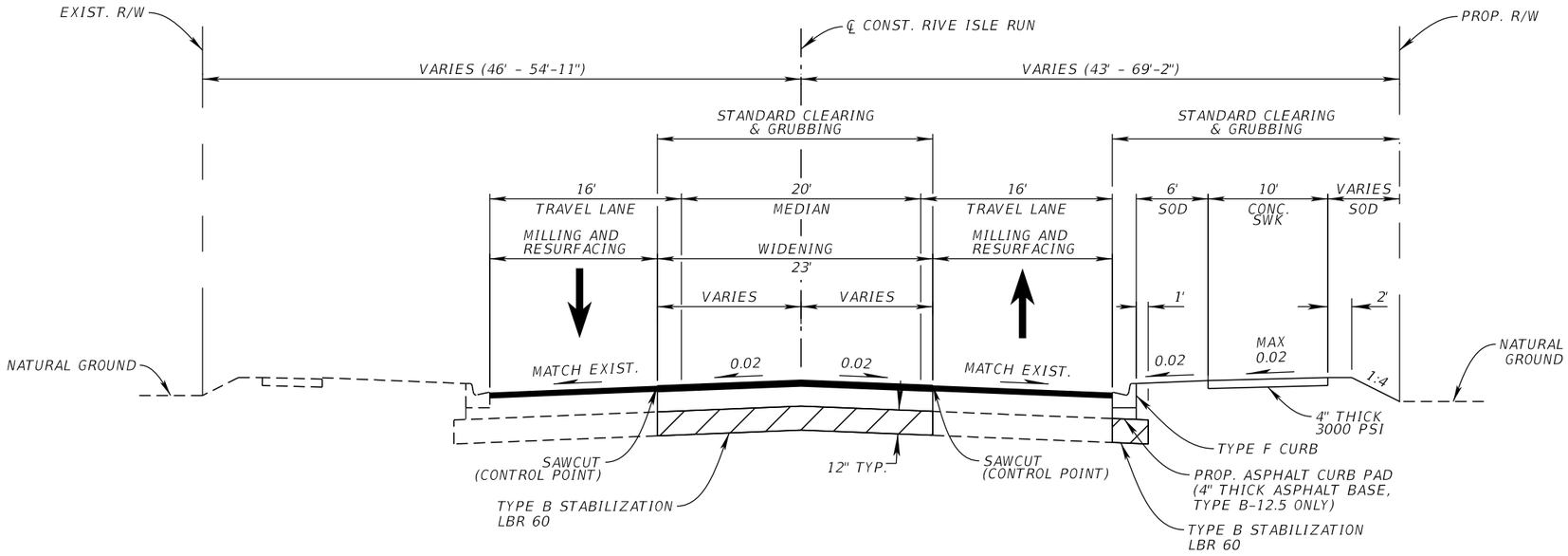
TRAVEL LANES AND SHOULDER

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2")

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TYPICAL SECTION (9)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		21
					FORT HAMER	MANATEE	452856-1-34-01		

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Megan.Wingard 9/26/2025 9:36:41 AM



TYPICAL SECTION NO. 10
RIVE ISLE RUN
℄ CONST. RIVE ISLE RUN
STA. 611+54.30 TO STA. 612+59.07
N.T.S.

TRAVEL LANES (WIDENING)

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

TRAVEL LANES (RESURFACING)

MILL EXIST. ASPHALT PAVEMENT (1.5" AVG. DEPTH)
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

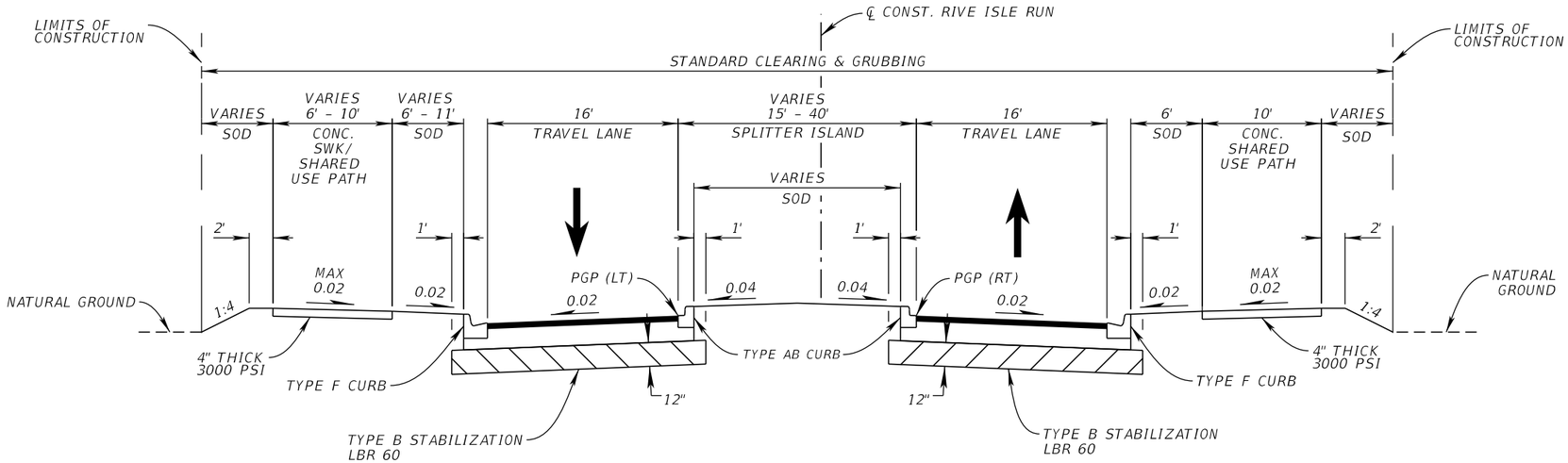
TRAFFIC DATA

DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH
CONTEXT CLASSIFICATION = C3R

NOTE: ACTUAL WIDTH OF BASE WIDENING MAY VARY DUE TO ACTUAL EXISTING PAVEMENT WIDTH. A UNIFORM WIDTH BASE WIDENING STRIP MAY BE CONSTRUCTED AT NO ADDITIONAL COMPENSATION.

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TYPICAL SECTION (10)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		22
					FORT HAMER	MANATEE	452856-1-34-01		

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TYPICAL SECTION NO. 11
RIVE ISLE RUN
℄ CONST. RIVE ISLE RUN
STA. 612+59.07 TO STA. 613+63.00
N.T.S.

TRAFFIC DATA

DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH
CONTEXT CLASSIFICATION = C3R

TRAVEL LANES

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

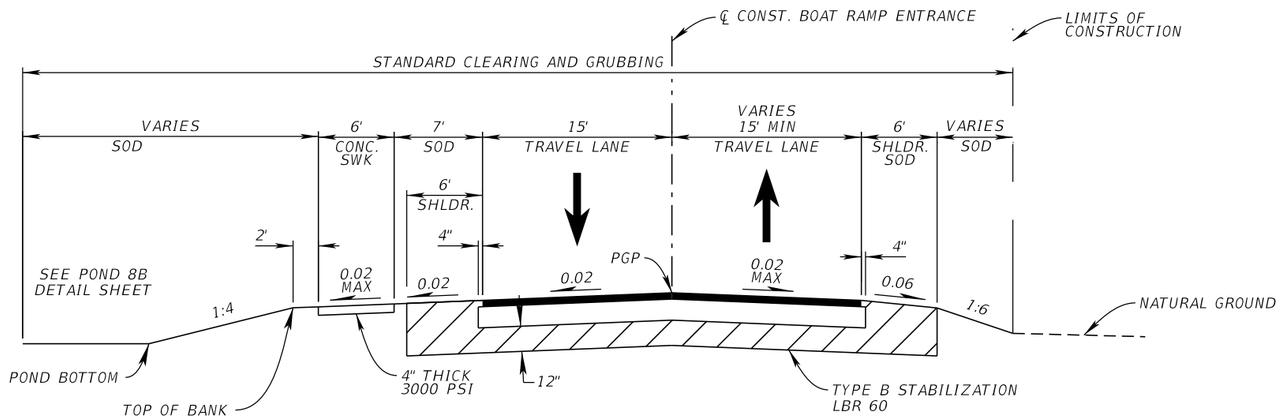
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TYPICAL SECTION (11)

SHEET NO. 23

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TYPICAL SECTION NO. 12
BOAT RAMP ENTRANCE
℄ BOAT RAMP ENTRANCE
STA. 54+04.95 TO STA. 57+52.16
N.T.S.

TRAFFIC DATA

DESIGN SPEED = 15 MPH
POSTED SPEED = 15 MPH

TRAVEL LANES (NEW CONSTRUCTION)

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

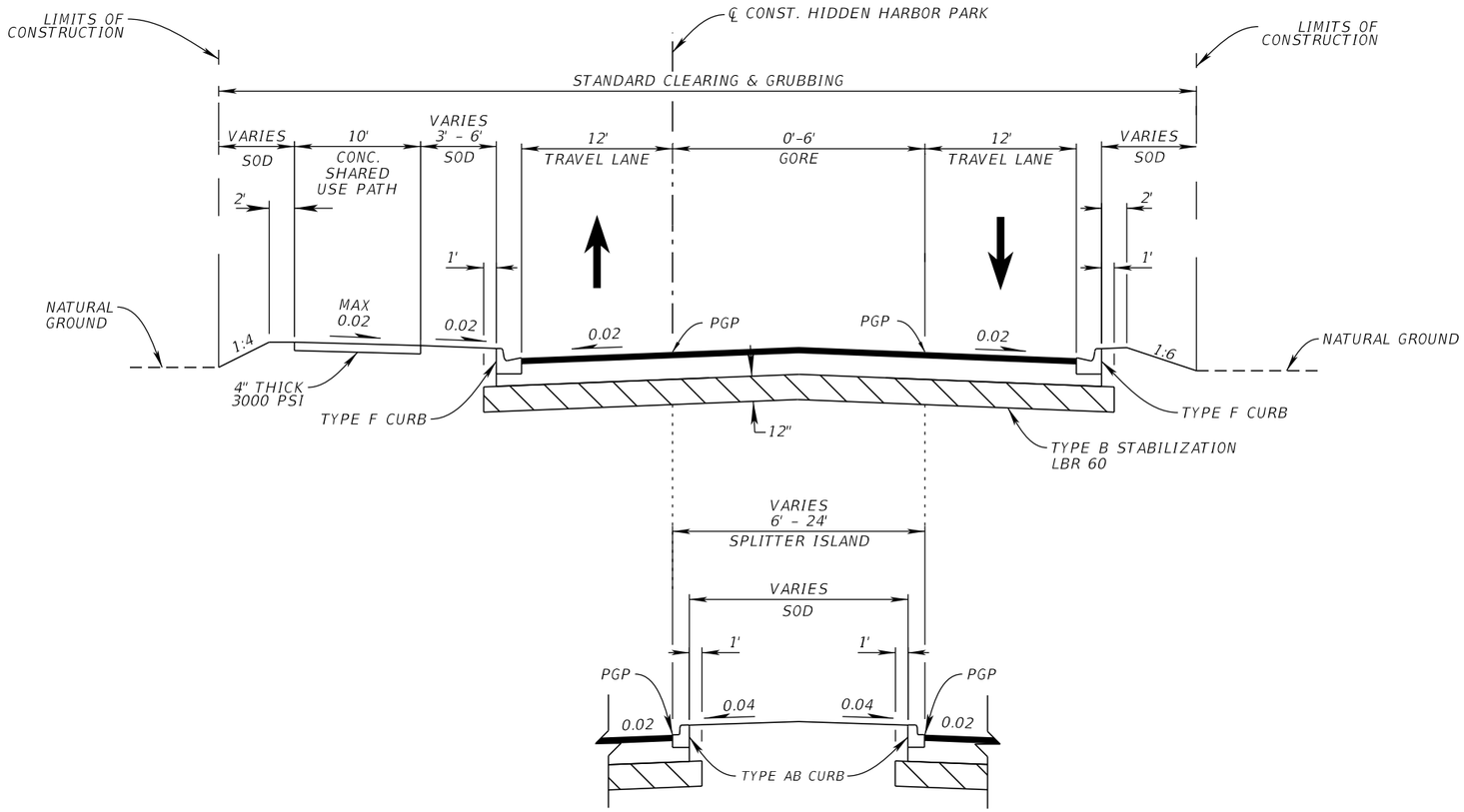
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TYPICAL SECTION (12)

SHEET NO. 24

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Megan.Wingard 9/26/2025 9:26:17 AM



STA. 711+05.13 TO STA. 711+66.12

TYPICAL SECTION NO. 13
HIDDEN HARBOR PARK
℄ HIDDEN HARBOR PARK
STA. 711+05.13 TO STA. 713+26.63
N.T.S.

TRAFFIC DATA

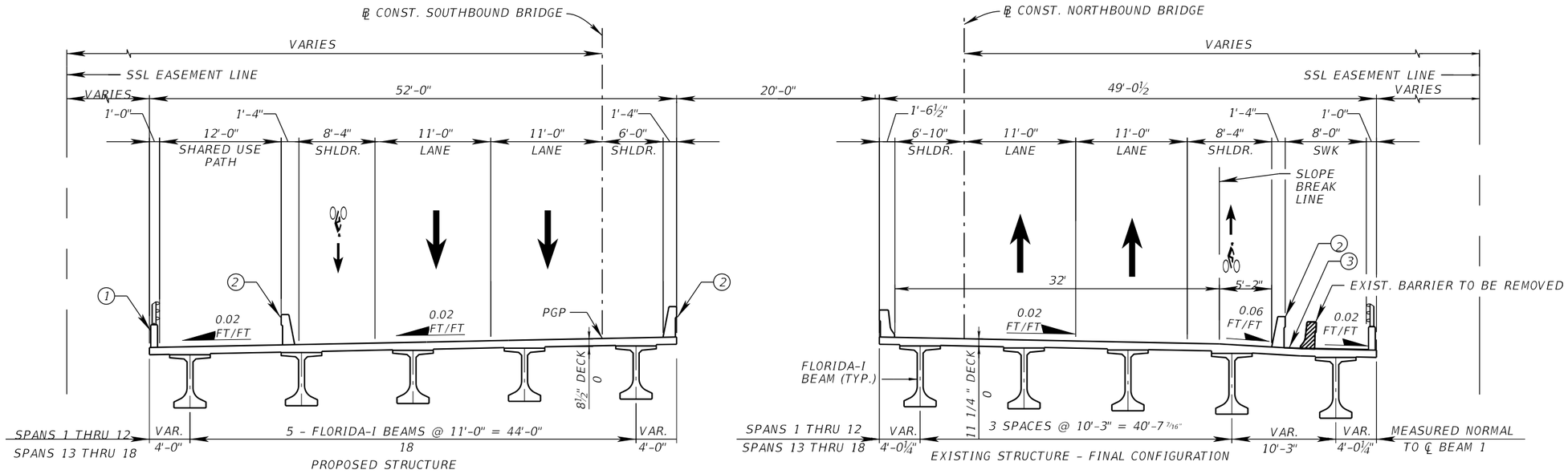
DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH
CONTEXT CLASSIFICATION = C3R

TRAVEL AND BIKE LANES

OPTIONAL BASE GROUP 9
WITH TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.5")

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TYPICAL SECTION (13)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		25
					FORT HAMER	MANATEE	452856-1-34-01		

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



TYPICAL SECTION NO. 14
FORT HAMER ROAD (BRIDGE)
℄ CONST. SOUTHBOUND BRIDGE
STA. 315+43.59 TO STA. 339+11.81
N.T.S.

SHARED USE PATH

DESIGN SPEED = 10 MPH

TRAFFIC DATA

CURRENT YEAR = 2025 AADT = 22,600
ESTIMATED OPENING YEAR = 2030 AADT = 28,200
ESTIMATED DESIGN YEAR = 2050 AADT = 50,600
K = 9% D = 50% T = 4.6% (24 HOUR)
DESIGN HOUR T = 2.3%
DESIGN SPEED = 45 MPH
POSTED SPEED = 40 MPH
CONTEXT CLASSIFICATION = C3R

NB APPROACH SLABS TRAVEL AND BIKE LANES (RESURFACING)

MILL EXIST. ASPHALT PAVEMENT (1.75" AVG. DEPTH)
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.75")

SB APPROACH SLABS TRAVEL AND BIKE LANES (NEW CONSTRUCTION)

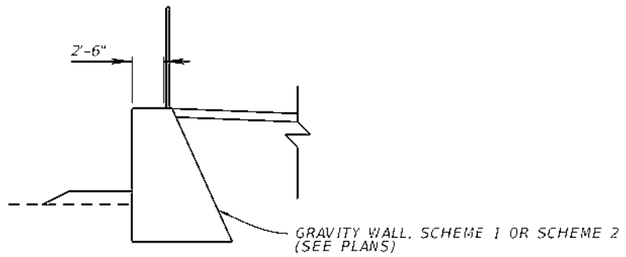
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1.75")

(1) 27" CONCRETE PARAPET WITH PEDESTRIAN/BICYCLE BULLET RAILING (INDEX 521-820) (TYP.)
(2) TRAFFIC RAILING - (36" SINGLE SLOPE) (INDEX 521-427) (TYP.)
(3) APPROXIMATE 1" CONCRETE OVERLAY TO CORRECT SIDEWALK CROSS-SLOPE FOR ADA REQUIREMENTS.

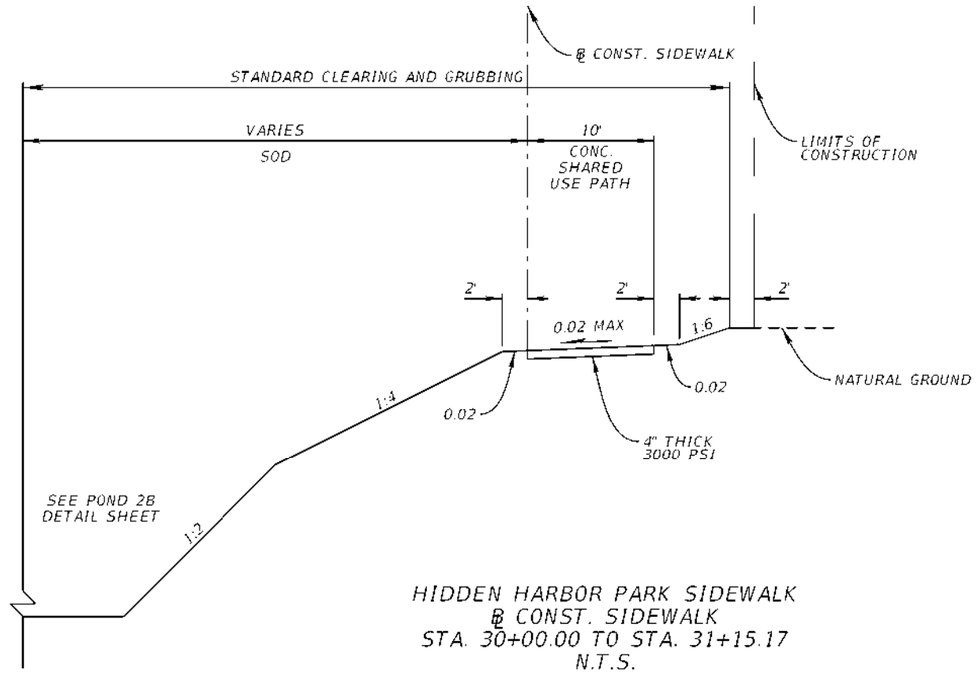
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TYPICAL SECTION (14)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		26
					FORT HAMER	MANATEE	452856-1-34-01		

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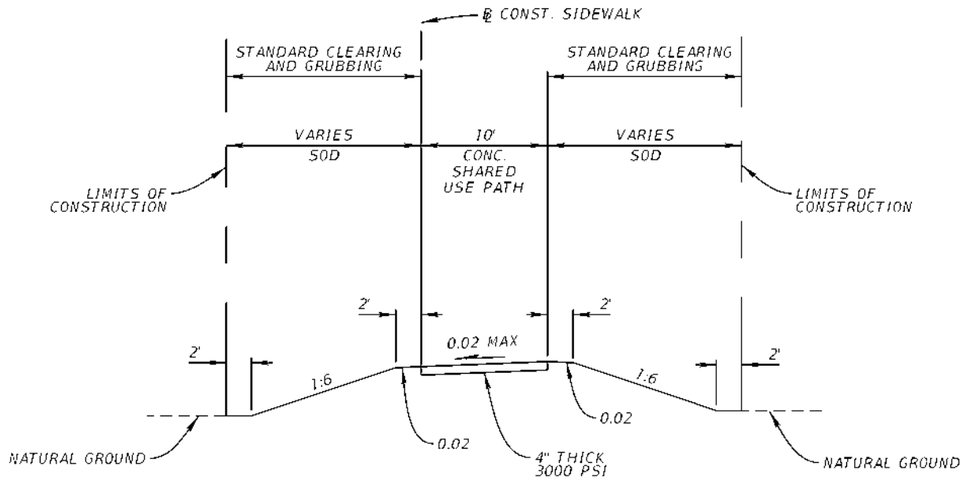
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Megan.Wingard 9/26/2025 9:41:00 AM



LIGHT POLE PEDESTAL - GRAVITY WALL
℄ CONST. FORT HAMER ROAD
STA. 209+82.1
STA. 523+25.2
STA. 525+10.8
STA. 526+97.6



HIDDEN HARBOR PARK SIDEWALK
℄ CONST. SIDEWALK
STA. 30+00.00 TO STA. 31+15.17
N.T.S.



HIDDEN HARBOR PARK SIDEWALK
℄ CONST. SIDEWALK
STA. 31+15.17 TO STA. 33+92.32
N.T.S.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TYPICAL SECTION DETAILS

SHEET NO. 27

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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Mason.Hoke 9/26/2025 1:05:42 PM

CURVE 1 DATA
PI STA. = 199+41.61
Δ = 21°37'14" (LT)
D = 05°24'01"
T = 202.59
L = 400.37
R = 1,061.00
PC STA. = 197+39.02
PCC STA. = 201+39.39
e = RC

CURVE 2 DATA
PI STA. = 205+80.27
Δ = 30°39'54" (LT)
D = 03°33'47"
T = 440.88
L = 860.61
R = 1,608.00
PCC STA. = 201+39.39
PT STA. = 210+00.00
e = NC

CURVE 3 DATA
PI STA. = 314+63.92
Δ = 25°06'43" (RT)
D = 02°45'02"
T = 463.92
L = 912.95
R = 2,083.00
PC STA. = 310+00.00
PRC STA. = 319+12.95
e = NC

CURVE 4 DATA
PI STA. = 324+92.38
Δ = 31°05'24" (LT)
D = 02°45'02"
T = 579.43
L = 1,130.28
R = 2,083.00
PRC STA. = 319+12.95
PT STA. = 330+43.23
e = NC

CURVE 5 DATA
PI STA. = 412+78.11
Δ = 13°50'55" (RT)
D = 02°30'07"
T = 278.11
L = 553.50
R = 2,290.00
PC STA. = 410+00.00
PCC STA. = 415+53.50
e = NC

CURVE 6 DATA
PI STA. = 417+57.33
Δ = 09°23'22" (RT)
D = 02°18'30"
T = 203.83
L = 406.74
R = 2,482.00
PCC STA. = 415+53.50
PRC STA. = 419+60.24
e = NC

N
0 100 500
Feet

BEGIN PROJECT
℄ CONST. FORT HAMER ROAD
STA 199+40.00

PI STA. 193+60.00

BEGIN ℄ CONST. SB BRIDGE
STA. 310+00.00 =

℄ CONST. FORT HAMER ROAD
STA. 210+00.00, 9.00' LT

END ℄ CONST. SB BRIDGE
STA. 339+40.00 =

℄ CONST. FORT HAMER ROAD
STA. 510+00.00, 11.00' LT

℄ CONST. BOAT
RAMP ENTRANCE

BEGIN ℄ CONST. FORT
HAMER ROAD
STA. 510+00.00

℄ CONST. FORT
HAMER ROAD

CP 9

BEGIN BRIDGE #1341XX (PROPOSED)
STA. 315+73.59

CURVE 3

END BRIDGE #1341XX (PROPOSED)
STA. 338+81.81

℄ CONST. RIVE
ISLE RUN

CP 15
CURVE 1

N52°22'18"E

195

200

205

210

CURVE 2

PI STA. 314+63.92

PI STA. 317+57.33

PRC STA. 319+12.95

℄
CONST.
SB BRIDGE

PT STA. 330+43.23

CP 8

CP 7

PI STA. 518+74.26

CURVE 8

PI STA. 199+41.61

FORT HAMER ROAD

CP 16

310

315

320

325

330

335

N05°53'31"W

515

520

525

530

535

540

CP 14

CP 13

N19°53'22"E

PC STA. 513+24.56

PT STA. 522+12.12

PI STA. 539+20.00

PI STA. 205+80.27

PI STA. 412+78.11

PCC STA. 415+53.50

PRC STA. 419+60.24

410

415

420

425

430

435

BEGIN ℄ CONST. NB BRIDGE
STA. 410+00.00 =

℄ CONST. FORT HAMER ROAD
STA. 209+57.45, 9.00' RT

END ℄ CONST. FORT HAMER ROAD
STA 210+00.00

CURVE 5

CURVE 7

CURVE 4

℄ CONST. BOAT
RAMP ROAD

℄ CONST.
NB BRIDGE

PI STA. 425+36.07

PI STA. 324+92.38

PT STA. 430+84.17

℄ CONST.
SIDEWALK

℄ CONST HIDDEN
HARBOR PARK

BEGIN BRIDGE #134123 (EXISTING)
STA. 416+06.31

CURVE 6

END BRIDGE #134123 (EXISTING)
STA. 439+32.81

END ℄ CONST. NB BRIDGE
STA. 439+88.67 =

℄ CONST. FORT HAMER ROAD
STA. 510+00.00, 11.00' RT

END PROJECT
℄ CONST. FORT HAMER ROAD
STA 536+00.00

CURVE 7 DATA
PI STA. = 425+36.07
Δ = 30°43'24" (LT)
D = 02°44'01"
T = 575.83
L = 1,123.93
R = 2,096.00
PRC STA. = 419+60.24
PT STA. = 430+84.17
e = NC

CURVE 8 DATA
PI STA. = 518+74.26
Δ = 25°46'54" (RT)
D = 03°44'59"
T = 349.70
L = 687.56
R = 1,528.00
PC STA. = 515+24.56
PT STA. = 522+12.12
e = NC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

PROJECT LAYOUT (1)

SHEET NO.
28

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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Diego.Monsalve 9/25/2025 6:22:38 PM

RIVE ISLE RUN
CURVE 9 DATA
PI STA. = 611+03.16
Δ = 24°00'56" (RT)
D = 11°48'49"
T = 103.16
L = 203.29
R = 485.00
PC STA. = 610+00.00
PT STA. = 612+03.29
e = NC

BOAT RAMP ROAD
CURVE 10 DATA
PI STA. = 12+18.38
Δ = 35°00'00" (RT)
D = 57°17'45"
T = 31.53
L = 61.09
R = 100.00
PC STA. = 11+86.85
PT STA. = 12+47.94
e = NC

BOAT RAMP ROAD
CURVE 11 DATA
PI STA. = 13+96.16
Δ = 59°25'08" (LT)
D = 57°17'45"
T = 57.06
L = 103.71
R = 100.00
PC STA. = 13+39.10
PT STA. = 14+42.81
e = NC

BOAT RAMP ROAD
CURVE 12 DATA
PI STA. = 18+07.13
Δ = 106°52'06" (LT)
D = 33°42'12"
T = 229.19
L = 317.08
R = 170.00
PC STA. = 15+77.94
PT STA. = 18+95.02
e = NC

BOAT RAMP ROAD
CURVE 13 DATA
PI STA. = 19+67.95
Δ = 34°31'31" (RT)
D = 38°11'50"
T = 46.61
L = 90.39
R = 150.00
PC STA. = 19+21.33
PT STA. = 20+11.72
e = NC

BOAT RAMP ROAD
CURVE 14 DATA
PI STA. = 21+13.54
Δ = 22°30'42" (LT)
D = 38°11'50"
T = 29.85
L = 58.94
R = 150.00
PC STA. = 20+83.69
PT STA. = 21+42.63
e = NC

SIDEWALK
CURVE 15 DATA
PI STA. = 31+84.99
Δ = 89°51'24" (RT)
D = 81°51'04"
T = 69.82
L = 109.78
R = 70.00
PC STA. = 31+15.17
PT STA. = 32+24.95
e = NC

BOAT RAMP ENTRANCE
CURVE 16 DATA
PI STA. = 56+88.89
Δ = 23°27'33" (RT)
D = 57°17'45"
T = 20.76
L = 40.94
R = 100.00
PC STA. = 56+68.13
PT STA. = 57+09.07
e = NC

BOAT RAMP ENTRANCE
CURVE 17 DATA
PI STA. = 54+70.10
Δ = 31°12'33" (LT)
D = 26°38'57"
T = 60.05
L = 117.11
R = 215.00
PC STA. = 54+10.06
PT STA. = 55+27.17
e = NC

CURVE 18 DATA
PI STA. = 712+62.20
Δ = 17°28'36" (LT)
D = 92°24'45"
T = 9.53
L = 18.91
R = 62.00
PC STA. = 712+52.67
PT STA. = 712+71.58
e = NC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

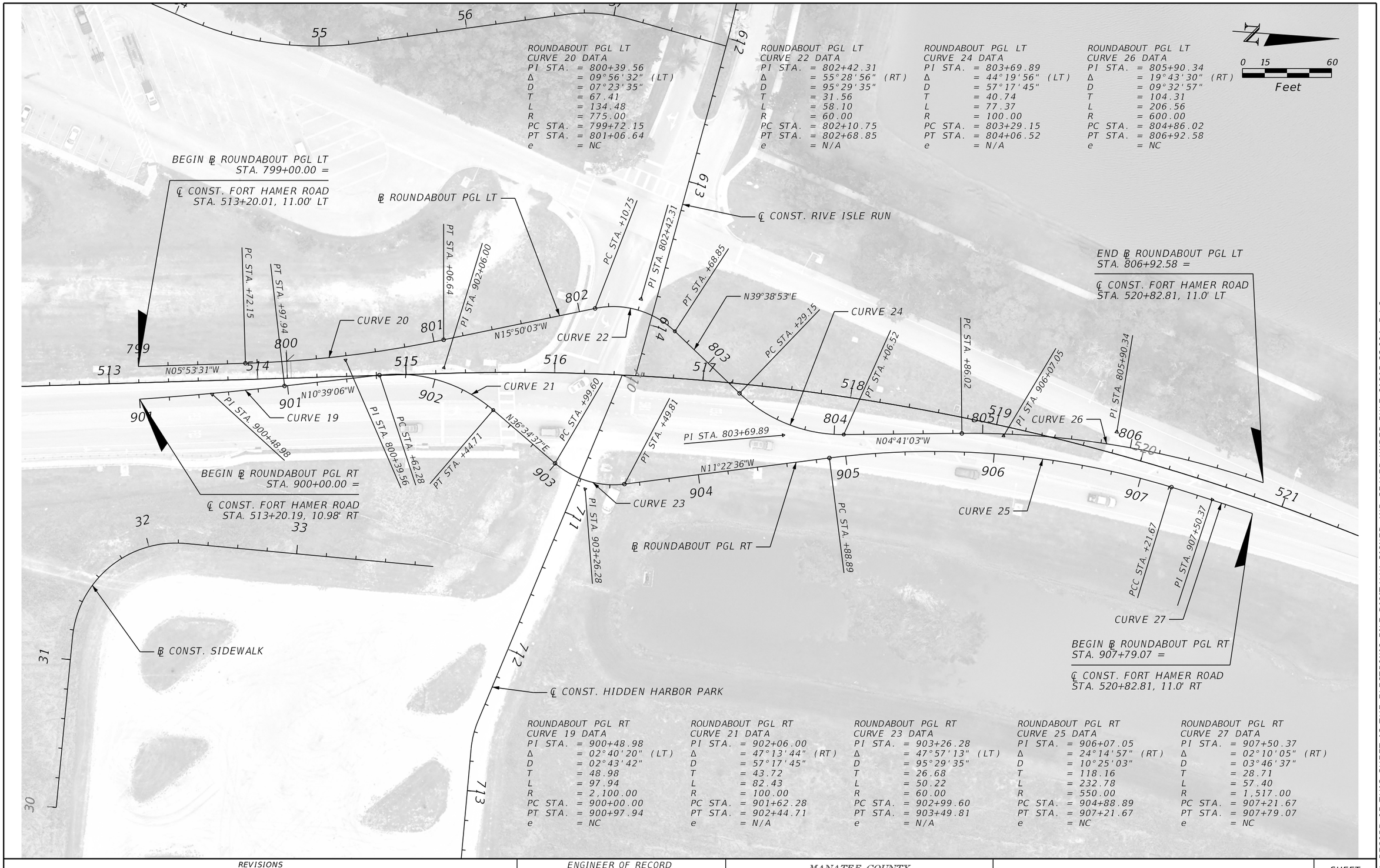
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

PROJECT LAYOUT (2)

SHEET NO. 29

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Diego.Monsalve 9/25/2025 6:24:10 PM



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REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			PROJECT LAYOUT (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		30
					FORT HAMER	MANATEE	452856-1-34-01		

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Diego.Monsalve 9/25/2025 6:24:32 PM

SURVEYOR NOTES

1. THE FOLLOWING PUBLISHED VERTICAL CONTROL MONUMENTS WERE RECOVERED AND UTILIZED FOR THE ELEVATIONS INDICATED HEREIN:
   "JIM STAPLES" NAVD 1988 ELEVATION 10.65' "MINNESOTA" NAVD 1988 ELEVATION 9.95' "K 689" NAVD 1988 ELEVATION 22.89'
2. THIS SURVEY IS REFERENCED TO A GRID PROJECTION OF THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE NAD 1983/2011 ADJUSTMENT) UTILIZING THE NGS OPUS DERIVED COORDINATES FOR "JIM STAPLES" & "SPOTTED BASS" WERE USED FOR PROJECT COORDINATE VALIDATION.

SURVEYOR CONTROL

SITE BENCHMARKS							
BM	NORTHING	EASTING	ELEVATION	DESCRIPTION	REFERENCE ALIGNMENT	STATION	OFFSET
CP 7	1160501.281	516956.540	8.95	ND (LB7203)	CL CONST FORT HAMER ROAD	513+11.46	232.01' LT
CP 8	1160157.299	517192.341	7.68	IR (LB7203)	BL CONST. SOUTHBOUND BRIDGE	338+85.09	15.43' LT
CP 9	1157847.278	516998.551	27.06	IR (LB7203)	BL CONST. SOUTHBOUND BRIDGE	315+21.90	24.83' RT
CP 13	1161115.877	517221.051	10.24	IR (LB7203)	CL CONST FORT HAMER ROAD	519+11.54	45.15' RT
CP 14	1161681.001	517365.799	8.03	IR (LB7203)	CL CONST FORT HAMER ROAD	525+03.31	22.67' RT
CP 15	1156233.772	516512.644	10.94	ND (ZNS6982)	CL CONST FORT HAMER ROAD	198+12.18	43.32' RT
CP 16	1156777.017	516860.263	12.15	ND (LB6639)	CL CONST FORT HAMER ROAD	204+42.83	41.45' RT

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

PROJECT CONTROL

SHEET NO. 31

PROJECT NOTES:

1. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

   RUSSELL P. HYATT, P.S.M.
   P.S.M. No: 5303
   HYATT SURVEY SERVICES, INC.
   2012 LENA ROAD, BRADENTON, FL 34211
   (941) 748-4683

2. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED.

3. THE FOLLOWING VERTICAL CONTROL MONUMENTS WERE RECOVERED AND UTILIZED FOR THE ELEVATIONS INDICATED HEREIN: "K 689" NAVD 1988 ELEVATION 22.89, "INDIALANTIC"NAVD 1988 ELEVATION 14.06', AND "J 689"NAVD 1988 ELEVATION 34.28'.

4. THE SURVEY IS REFERENCED TO A GRID PROJECTION OF FLORIDA STATE PLANE COORDINATE STSTEM (WEST ZONE NAD 1983/2011 ADJUSTMENT). THE NGS OPUS DERIVED COORDINATES FOR "J 689"WERE USED FOR PROJECT COORDINATION.

5. NO STOCKPILE OF MATERIAL IS PERMITTED WITHIN THE PROJECT LIMITS WITHOUT PRIOR APPROVAL OF THE ENGINEER.

6. THE COUNTY RESERVES THE RIGHT TO PERFORM QUALITY ASSURANCE TESTING ON ALL MATERIAL DELIVERED TO THE PROJECT AND TO REJECT ALL MATERIALS NOT MEETING ACCEPTABLE STANDARDS.

7. DRIVEWAY LOCATION AND WIDTH MAY BE FIELD ADJUSTED DURING CONSTRUCTION BY THE CONTRACTOR IN COORDINATION WITH REQUESTS FROM PROPERTY OWNERS AND COUNTY COORDINATION.

8. ALL DISTURBED AREAS WITHIN FDOT RIGHT-OF-WAY ARE TO BE SODDED.

9. INSTALL SOIL TRACKING PREVENTION DEVICES AT ALL POINTS OF CONSTRUCTION VEHICLE INGRESS/EGRESS.

10. REFER TO FDOT STANDARD PLAN INDEX 120-001 AND 120-002 FOR SUBSOIL EXCAVATION AND REMOVAL OF UNSUITABLE MATERIAL.

11. ALL PROJECT FILL SHALL MEET ALL THE REQUIREMENTS AS OUTLINED IN THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION FL 2025-26 SECTION 120.

12. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

13. BRIDGE CLEARANCE OVER BOAT RAMP ROAD MUST MEET 16'-6" MINIMUM. UPON COMPLETION OF CONSTRUCTION , A CERTIFIED SURVEY MUST BE SUBMITTED CONFIRMING THE AS-BUILT MINIMUM VERTICAL CLEARANCE IS EQUAL TO OR GREATER THAN THE MINIMUM DESIGN VERTICAL CLEARANCE IDENTIFIED IN THE PLANS.

14. FOR PALM TREES THAT ARE THE IDENTIFIED IN THE PLANS TO BE RELOCATED, PLEASE COORDINATE WITH MANATEE COUNTY TO HAVE THEM RELOCATED WITHIN HIDDEN HABOR PARK. CONTACT SHERRI SWANSON WITH THE COUNTY AT (941) 792-8811 EXT. 8073.

15. THE PROPOSED MILLING DEPTH WILL EXPOSE AND REMOVE SOME OF THE BASE MATERIAL. THE CONTRACTOR WILL BE RESPONSIBLE FOR PRIMING AND MAINTAINING THE BASE MATERIAL PER FDOT SPECIFICATIONS, BEFORE PLACING THE ASPHALT STRUCTURAL COURSE.

16. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH, AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

DRAINAGE STRUCTURE NOTES:

1. THE CONTRACTOR IS TO FIELD VERIFY THE LOCATIONS AND ELEVATIONS OF ALL DRAINAGE STRUCTURES AND PIPES PRIOR TO ORDERING, CASTING OR PLACING PROPOSED DRAINAGE STRUCTURES AND PIPES.

2. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THESE LOCATIONS.

3. THE FOLLOWING ARE ACCEPTABLE MATERIALS FOR PROPOSED STORM SEWER RUNNING ACROSS A PUBLIC ROADWAY: CLASS III PIPE RCP OR STRUCTURAL PLATE ONLY.

4. PRIOR TO CONSTRUCTION, VERIFY EXISTING DRAINAGE FLOW LINES THAT WILL REMAIN PART OF THE PROPOSED DRAINAGE SYSTEM. ANY DIFFERENCE FROM PLAN ELEVATION SHALL BE REPORTED TO THE ENGINEER.

5. CONTRACTOR TO VERIFY EXISTING FLOW LINES TO MANHOLES (INSTALLED UNDER CIP 6107760) FOR PROPOSED DRAINAGE PIPE CONNECTIONS.

6. ALL EXISTING DRAINAGE STRUCTURES WITHIN THE RIGHT-OF-WAY ARE TO BE REMOVED UNLESS SHOWN IN THE PLANS TO REMAIN.

UTILITY NOTES (MANATEE COUNTY FACILITIES)

1. ALL EXISTING FACILITIES IN THE PROJECT AREA SHALL REMAIN OPERATIONAL AND ACCESSIBLE BY COUNTY PERSONNEL AT ALL TIMES, I.E. VALVES, FIRE HYDRANTS, MANHOLE COVERS, SEWER CLEAN-OUTS, ETC. ALL SHALL BE ADJUSTED TO FINISHING GRADE

2. IN THE EVENT OF A PRECAUTIONARY OR MANDATORY BOIL WATER NOTICE, THE CONTRACTOR IS RESPONSIBLE TO NOTIFY ALL AFFECTED INDIVIDUALS AND BUSINESSES.

3. ALL VALVES SHALL BE SET TO PROPOSED GRADE PER STANDARD BY CONTRACTOR

4. IF VALVE BOX OR PAD GETS DAMAGED IT WILL BE UP TO THE CONTRACTOR TO REPLACE IT AND ADJUST THE BOX TO FINISHED GRADE.

5. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, WATER AND SEWER LINES, STORM DRAINS, UTILITIES, DRIVEWAYS, SIDEWALKS, SIGNS, MAILBOXES, FENCES, TREES, LANDSCAPING, AND ANY OTHER IMPROVEMENT OR FACILITY IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE AND DAMAGED ITEMS DUE TO CONSTRUCTION ACTIVITIES TO EQUAL OR BETTER THAN PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.

6. WORK MAY NEED TO BE SCHEDULED DURING OVERNIGHT HOURS AT THE DISCRETION OF THE COUNTY. THE COUNTY WILL NOT INCUR AND NEW FEES OR PENALTIES FOR OVERNIGHT WORK.

7. THE CONTRACTOR WILL GIVE A MINIMUM OF 48-HOUR ADVANCED NOTIFICATION TO ALL INDIVIDUALS AND BUSINESSES AFFECTED BY A SCHEDULED WATER OFF.

8. FORCE MAINS IN THE CONSTUCTION ZONES SHOULD BE MARKED AND PROTECTED THROUGHOUT ALL PHASES OF CONSTRUCTION

UTILITY CONTACTS:

MANATEE COUNTY
UTILITY OPERATIONS
SCOTT MAY, P.E.
1022 26TH AVENUE EAST
BRADENTON, FL 34208
(941) 708-7450 EXT. 7650
SCOTT.MAY@MYMANATEE.ORG

MANATEE COUNTY
TRAFFIC OPERATIONS
VISHAL KAKKAD
2101 47TH TERRACE EAST
BRADENTON, FL 34203
(941) 749-3500 EXT. 7812
VISHAL.KAKKAD@MYMANATEE.ORG

FLORIDA POWER & LIGHT
DISTRIBUTION
BRIAN GARVER
1253 12TH AVENUE EAST
PALMETTO, FL 34221
(941) 723-4442
BRIAN.GARVER@FPL.COM

FLORIDA POWER & LIGHT
TRANSMISSION
CRAIG LEDBETTER
15430 ENDEAVOR DRIVE
JUPITER, FL 33478
(561) 803-7942
CRAIG.LEDBETTER@FPL.COM

FRONTIER FLORIDA, LLC
DENISE HUTTON
1701 RINGLING BLVD.
SARASOTA, FL 34236
(941) 906-6722
DENISE.HUTTON@FTR.COM

TECO PEOPLES GAS
ALEX MCFARLANE
8261 VICO COURT
SARASOTA, FL 34240
(813) 275-3762
AMCFARLANE@TECOENERGY.COM

MCI/VERIZON BUSINESS
MICHAEL KROL
7701 EAST TELECOM PARKWAY
TEMPLE TERRACE, FL 33637
(813) 410-4803
MICHAEL.KROL@VERIZON.COM

PEACE RIVER ELECTRIC COOPERATIVE
DAVID MCCLINTOCK
210 METHANY RD
WAUCHULA, FL 33873
(863) 767-4621
DAVID.MCCLINTOCK@PRECO.COOP

SPECTRUM SUNSHINE STATE, LLC.
JAMES (ALEX) FLEMING
5413 EAST STATE ROAD 64
BRADENTON, FL 34208
(941) 213-0877
JAMES.FLEMING1@CHARTER.COM

UNITI FIBER, LLC
TERRY YOUNG
805 EXECUTIVE CENTER DRIVE WEST
SUITE 110
ST. PETERSBURG, FL 33702
(251) 422-3872
TERRY.YOUNG@UNITI.COM

ZAYO GROUP, LLC
JAKE SANSOM
4701 WEST HILLSOROUGH AVENUE
TAMPA, FL 33614
(813) 763-5999
JAKE.SANSOM@ZAYO.COM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

GENERAL NOTES

SHEET NO. 32

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

c:\pw\kh1\d0448268\GNNTRD01.dgn : GENERALNOTES
Megan.Wingard 9/26/2025 8:42:58 AM

CURVE 1 DATA		CURVE 2 DATA	
PI STA.	= 199+41.61	PI STA.	= 205+80.27
Δ	= 21°37'14" (LT)	Δ	= 30°39'54" (LT)
D	= 05°24'01"	D	= 03°33'47"
T	= 202.59	T	= 440.88
L	= 400.37	L	= 860.61
R	= 1,061.00	R	= 1,608.00
PC STA.	= 197+39.02	PCC STA.	= 201+39.39
PCC STA.	= 201+39.39	PT STA.	= 210+00.00
e	= RC	e	= RC

0 10 40
Feet

PID 546036159

BEGIN PROJECT
BEGIN MILLING AND RESURFACING
BEGIN WIDENING
NORTHBOUND LANES
℄ CONST. FORT HAMER ROAD
STA. 199+40.00

BEGIN CONSTRUCTION
℄ CONST. FORT HAMER ROAD
STA. 185+50.00

R 1340'

PC STA. 193+02

197

EXIST. 18" PIPE

N52°22'18"E

EXIST. 18" PIPE

198

EXIST. 18" PIPE

EXIST. 18" PIPE

199

EXIST. 18" PIPE

℄ CONST. FORT HAMER ROAD

CURVE 1

EXIST. 24" PIPE

EXIST. 18" PIPE

EXIST. 30" PIPE

EXIST. 18" PIPE

FORT HAMER ROAD

ASPHALT

EX-24

CONST. 35 LF OF 30" PIPE

EXIST. 30" PIPE

CONST. 145 LF OF 30" PIPE

EXIST. R/W

℄

S-202

EXIST. 30" PIPE

UPPER MANATEE RIVER ROAD

SOUTH LINE S

PI STA. 199+41.61

BEGIN 10' CONC. SHARED USE PATH
+27.98, 62.11' LT. (M.E.)

EXIST. R/W

BEGIN TYPE F CURB
+27.00, 46.13' LT. (M.E.)

+40.00
6.75' LT.
(M.E.)

+57.60
10.39' LT.
(M.E.)

+57.62
7.67' LT.

+57.64
2.17' LT.

S-204

200

+26.72
40.15' LT.

+25.68
17.36' LT.

BEGIN TYPE AB CURB
+83.68, 14.66' LT. (M.E.)

+83.50
7.67' LT.

TYPE AB CURB

+83.79
16.66' LT.

+90.00
16.35' LT.

R 3.5'

201

S-205

+90.00
2.17' LT.

CONST. 71 LF OF 18" PIPE

S-206

PID 542900019

+62.46
3.50' RT.

EXIST. 18" PIPE

+40.00
56.04' RT.
(M.E.)

EXIST. MES

EXIST. 30" PIPE

EXIST. POND 1A

WETLAND 1

PID 546036400

EXIST. 36" RIPE

REMOVE EXIST. SHARED USE PATH

10" CONC. SHARED USE PATH

R 1095'

R 1112'

+60.00
61.37' LT.

TYPE F CURB

PCC STA. +39.39

MATCH LINE - STA. 202+00.00

S-207

CURVE 2

CONST. 18" PIPE

CONST. 71 LF OF 18" PIPE

CONST. 4' TRAFFIC SEPARATOR, TYPE IV, OPTION II

BEGIN MILLING AND RESURFACING
BEGIN WIDENING
SOUTHBOUND LANES
STA. 200+25.68

LEGEND

WIDENING

MILLING AND RESURFACING

(M.E.) MATCH EXISTING

1 EXIST. PIPE OR STR TO REMAIN

2 EXIST. STR BOTTOM TO REMAIN

3 EXIST. PIPE OR STR REMOVED UNDER UMMR CIP 6107760

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

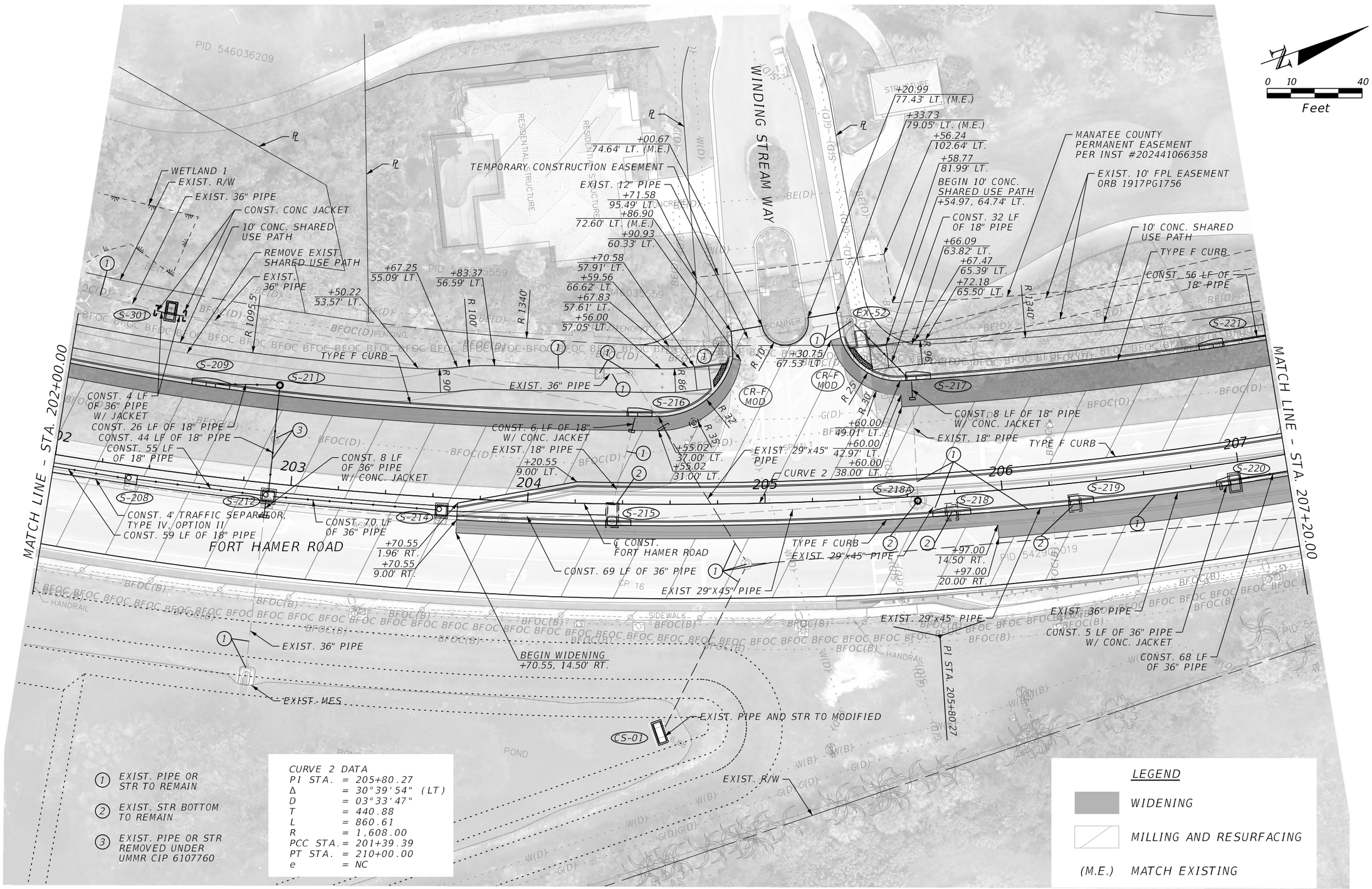
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (1)

SHEET NO. 33

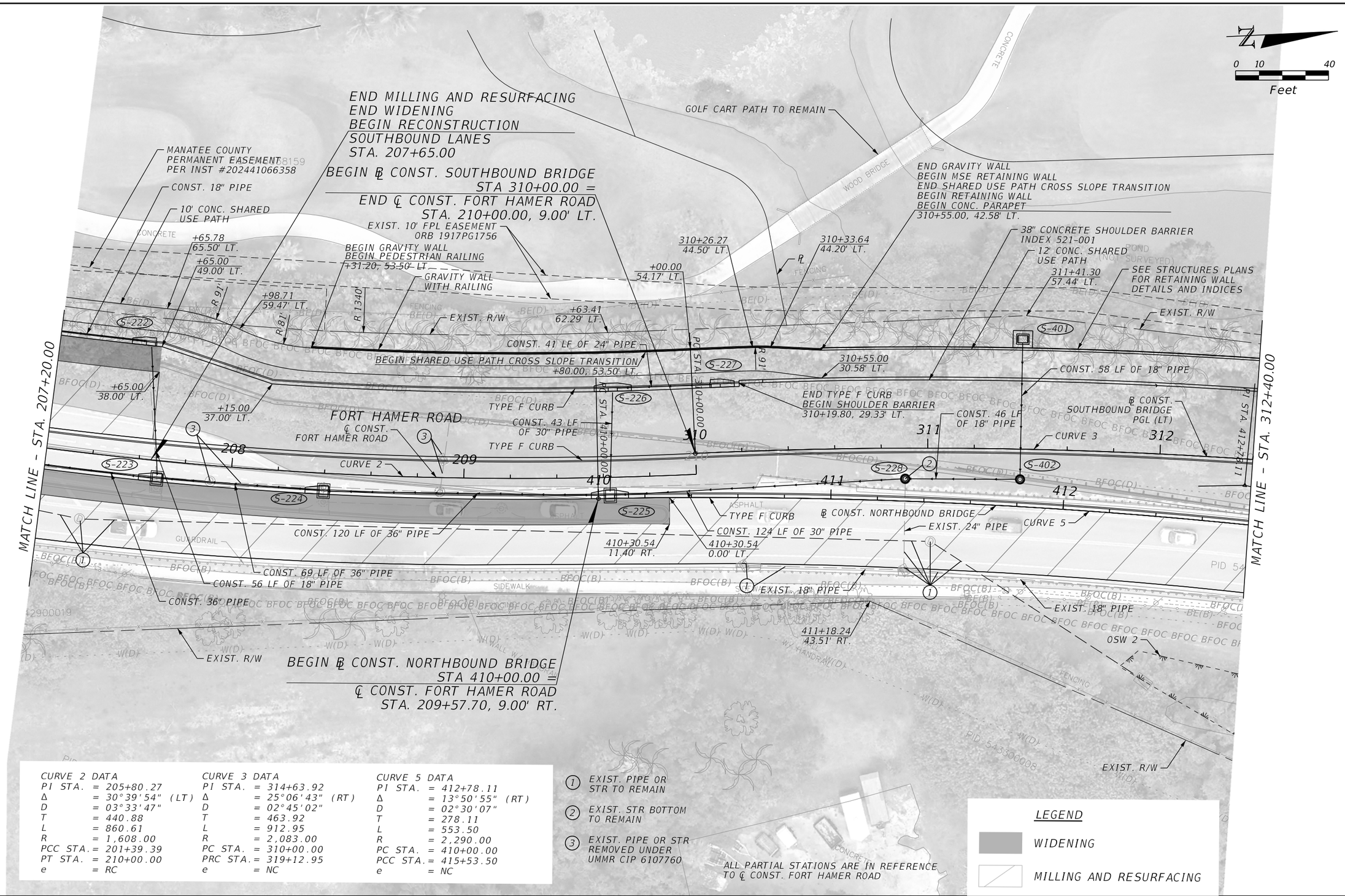
c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERS - PLAN 1 [SHEET]
Mason.Hoke 9/26/2025 10:10:02 AM



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY PLAN (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		34
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERS – PLAN 2 [SHEET]
Mason.Hoke 9/26/2025 10:10:12 AM



CURVE 2 DATA		CURVE 3 DATA		CURVE 5 DATA	
PI STA.	= 205+80.27	PI STA.	= 314+63.92	PI STA.	= 412+78.11
Δ	= 30°39'54" (LT)	Δ	= 25°06'43" (RT)	Δ	= 13°50'55" (RT)
D	= 03°33'47"	D	= 02°45'02"	D	= 02°30'07"
T	= 440.88	T	= 463.92	T	= 278.11
L	= 860.61	L	= 912.95	L	= 553.50
R	= 1,608.00	R	= 2,083.00	R	= 2,290.00
PCC STA.	= 201+39.39	PC STA.	= 310+00.00	PC STA.	= 410+00.00
PT STA.	= 210+00.00	PRC STA.	= 319+12.95	PCC STA.	= 415+53.50
e	= RC	e	= NC	e	= NC

1. EXIST. PIPE OR STR TO REMAIN
2. EXIST. STR BOTTOM TO REMAIN
3. EXIST. PIPE OR STR REMOVED UNDER UMMR CIP 6107760

ALL PARTIAL STATIONS ARE IN REFERENCE TO ℄ CONST. FORT HAMER ROAD

LEGEND

WIDENING

MILLING AND RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (3)

SHEET NO. 35

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

c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERS - PLAN 3 [SHEET]
Mason.Hoke 9/26/2025 10:10:18 AM

CURVE 3 DATA		CURVE 5 DATA		CURVE 6 DATA	
PI STA.	= 314+63.92	PI STA.	= 412+78.11	PI STA.	= 417+57.33
Δ	= 25°06'43" (RT)	Δ	= 13°50'55" (RT)	Δ	= 09°23'22" (RT)
D	= 02°45'02"	D	= 02°30'07"	D	= 02°18'30"
T	= 463.92	T	= 278.11	T	= 203.83
L	= 912.95	L	= 553.50	L	= 406.74
R	= 2,083.00	R	= 2,290.00	R	= 2,482.00
PC STA.	= 310+00.00	PC STA.	= 410+00.00	PCC STA.	= 415+53.50
PRC STA.	= 319+12.95	PCC STA.	= 415+53.50	PRC STA.	= 419+60.24
e	= NC	e	= NC	e	= NC

0 10 40
Feet

MATCH LINE – STA. 312+40.00

MATCH LINE – STA. 317+60.00

PID 546038459
PID 546038659
PID 546038259
PID 542900019

BEGIN BRIDGE #1341XX
STA. 315+73.59

BEGIN APPROACH SLAB
STA. 315+43.59

PI STA. 314+63.92

END CURB AND GUTTER BARRIER
BEGIN RETAINING WALL
BEGIN BARRIER/JUNCTION SLAB
313+00.00, 1.33' RT.

38" CONCRETE SHOULDER BARRIER INDEX 521-001

12' CONC. SHARED USE PATH

EXIST. 10' FPL EASEMENT ORB 1917PG1756

EXIST. R/W

SEE STRUCTURES PLANS FOR RETAINING WALL DETAILS AND INDICES

315+19.19
54.39' LT.

+19.60
76.26' LT.

℄

36" TRAFFIC RAILING

FORT HAMER ROAD

CURB AND GUTTER BARRIER INDEX 521-001

℄ CONST. SOUTHBOUND BRIDGE PGL (LT)

CURVE 3

313 314 315 316 317

BRIDGE #1341XX

BRIDGE CLEARANCE ELEVATION (TYP)

END TYPE F CURB
BEGIN CURB AND GUTTER BARRIER
312+50.00, 1.33' RT.

CONC. BARRIER/ JUNCTION SLAB INDEX 521-610

314+39.50
6.00' RT.

END RETAINING WALL
END BARRIER/JUNCTION SLAB
415+64.77, 6.83' LT.

416+06.28
6.83' LT.

36" TRAFFIC RAILING

℄ CONST. NORTHBOUND BRIDGE PGL (RT)

413 414 415 416 417

PI STA. 417+57.33

END TYPE F CURB
415+48.68, 28.84' RT.

414+06.23
2.67' LT.

CURVE 5

SAWCUT, CONST. CONC. BARRIER/JUNCTION SLAB

415+65.19
0.85' LT.

CURVE 6

413+39.14
4.67' RT.

END CURB AND GUTTER BARRIER
BEGIN RETAINING WALL
BEGIN BARRIER/JUNCTION SLAB
413+39.14, 1.33' LT.

PCC STA. +53

REMOVE EXIST. BARRIER WALL

BRIDGE CLEARANCE ELEVATION (TYP)

BRIDGE #134123

CURB AND GUTTER BARRIER INDEX 521-001

S-403 S-404 S-406

EXIST. 18" PIPE

MATCH EXIST. TL-3 GUARDRAIL
414+36.58, 35.45' RT.

EXIST. 18" PIPE
+39.75
44.52' RT.

WETLAND 2

8' SIDEWALK

36" TRAFFIC RAILING

414+61.16
32.96' RT.

OSW 2

BEGIN CONC. SIDEWALK
414+63.37, 43.19' RT. (M.E.)

CONST. 4 LF OF 18" PIPE W/ JACKET

END GUARDRAIL
415+48.68, 30.34' RT.

BEGIN BRIDGE #134123 (EXISTING)
END MILLING AND RESURFACING
NORTHBOUND LANES
STA.

REMOVE EXIST. GUARDRAIL

415+20.13
28.84' RT.

EXIST. 18" PIPE

416+06.44
30.33' RT.

END TYPE F CURB
BEGIN CURB AND GUTTER BARRIER
412+89.14, 1.33' LT.

EXIST. 18" PIPE

TL-3 GUARDRAIL W/ PIPE RAIL INDEX 536-001

END CONC. SIDEWALK
416+06.45, 40.42' RT. (M.E.)

OSW 1

BEGIN APPROACH SLAB
STA. 415+64.75

① EXIST. PIPE OR STR TO REMAIN

② EXIST. STR BOTTOM TO REMAIN

③ EXIST. PIPE OR STR REMOVED UNDER UMMR CIP 6107760

EXIST. R/W

FENCING

RESIDENTIAL

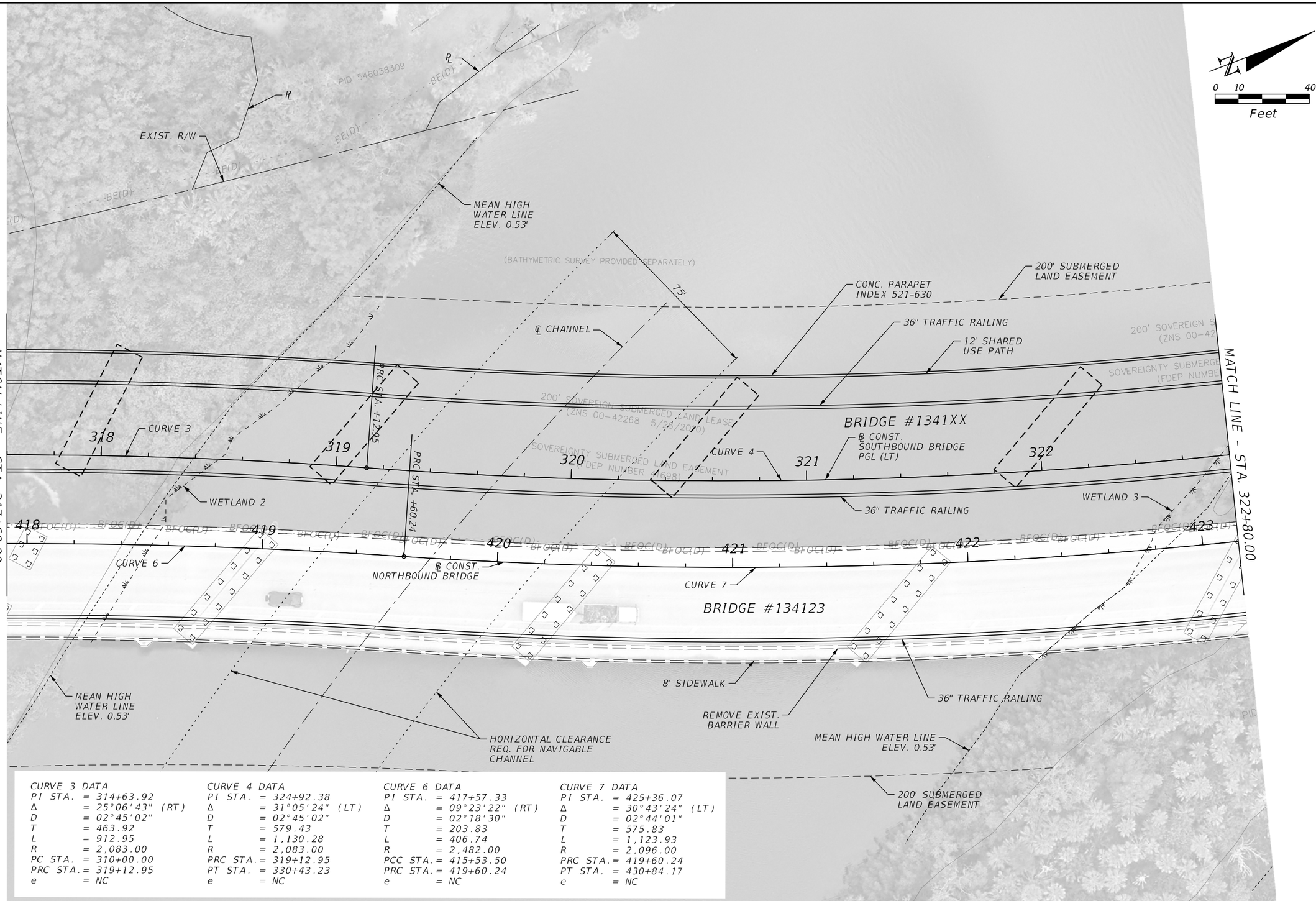
LEGEND

MILLING AND RESURFACING

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY PLAN (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		36
					FORT HAMER	MANATEE	452856-1-34-01		

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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Mason.Hoke 9/26/2025 10:10:24 AM



CURVE 3 DATA		CURVE 4 DATA		CURVE 6 DATA		CURVE 7 DATA	
PI STA.	= 314+63.92	PI STA.	= 324+92.38	PI STA.	= 417+57.33	PI STA.	= 425+36.07
Δ	= 25°06'43" (RT)	Δ	= 31°05'24" (LT)	Δ	= 09°23'22" (RT)	Δ	= 30°43'24" (LT)
D	= 02°45'02"	D	= 02°45'02"	D	= 02°18'30"	D	= 02°44'01"
T	= 463.92	T	= 579.43	T	= 203.83	T	= 575.83
L	= 912.95	L	= 1,130.28	L	= 406.74	L	= 1,123.93
R	= 2,083.00	R	= 2,083.00	R	= 2,482.00	R	= 2,096.00
PC STA.	= 310+00.00	PRC STA.	= 319+12.95	PCC STA.	= 415+53.50	PRC STA.	= 419+60.24
PRC STA.	= 319+12.95	PT STA.	= 330+43.23	PRC STA.	= 419+60.24	PT STA.	= 430+84.17
e	= NC	e	= NC	e	= NC	e	= NC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

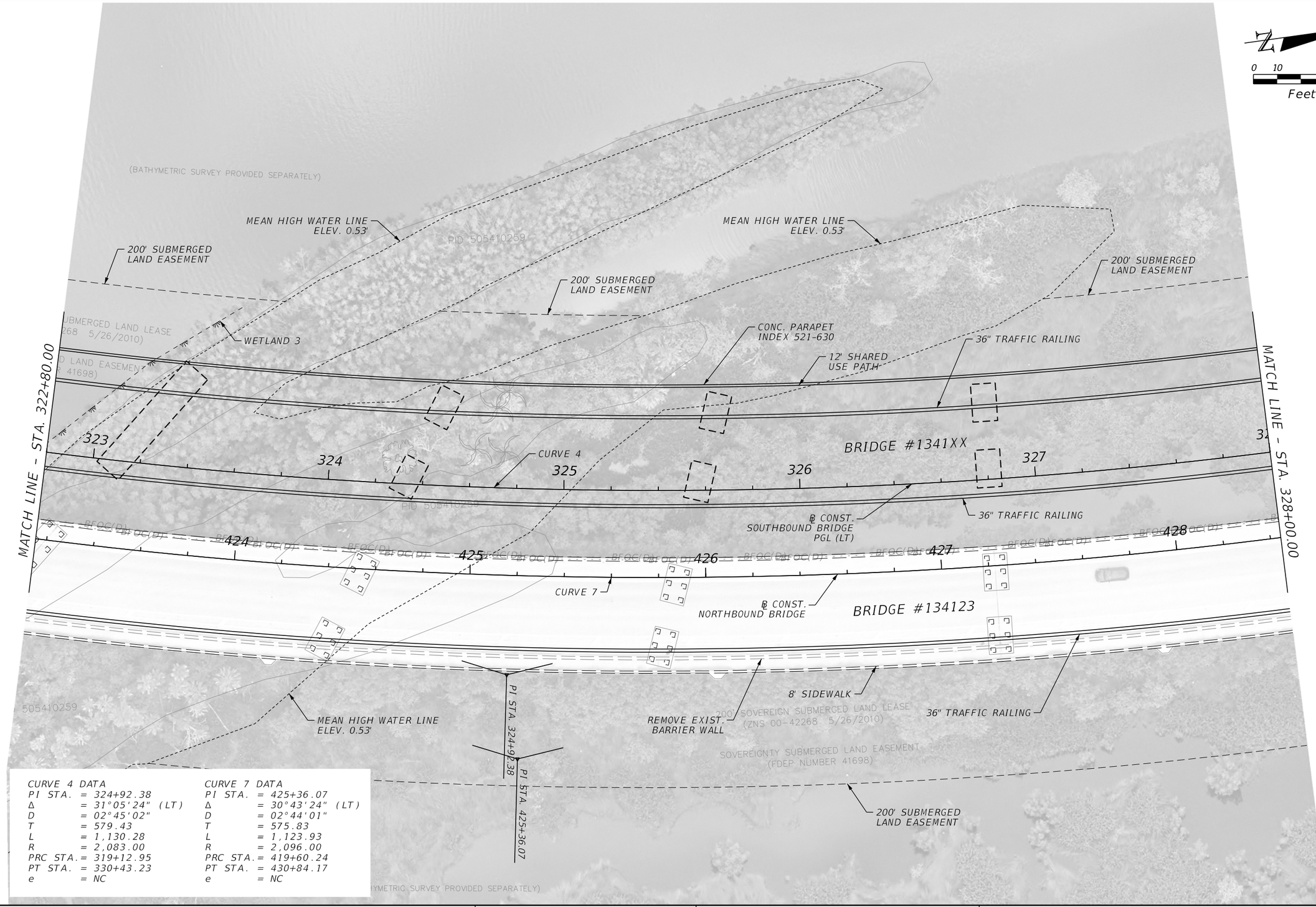
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (5)

SHEET NO. 37

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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Mason.Hoke 9/26/2025 10:10:29 AM



CURVE 4 DATA		CURVE 7 DATA	
PI STA.	= 324+92.38	PI STA.	= 425+36.07
Δ	= 31°05'24" (LT)	Δ	= 30°43'24" (LT)
D	= 02°45'02"	D	= 02°44'01"
T	= 579.43	T	= 575.83
L	= 1,130.28	L	= 1,123.93
R	= 2,083.00	R	= 2,096.00
PRC STA.	= 319+12.95	PRC STA.	= 419+60.24
PT STA.	= 330+43.23	PT STA.	= 430+84.17
e	= NC	e	= NC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

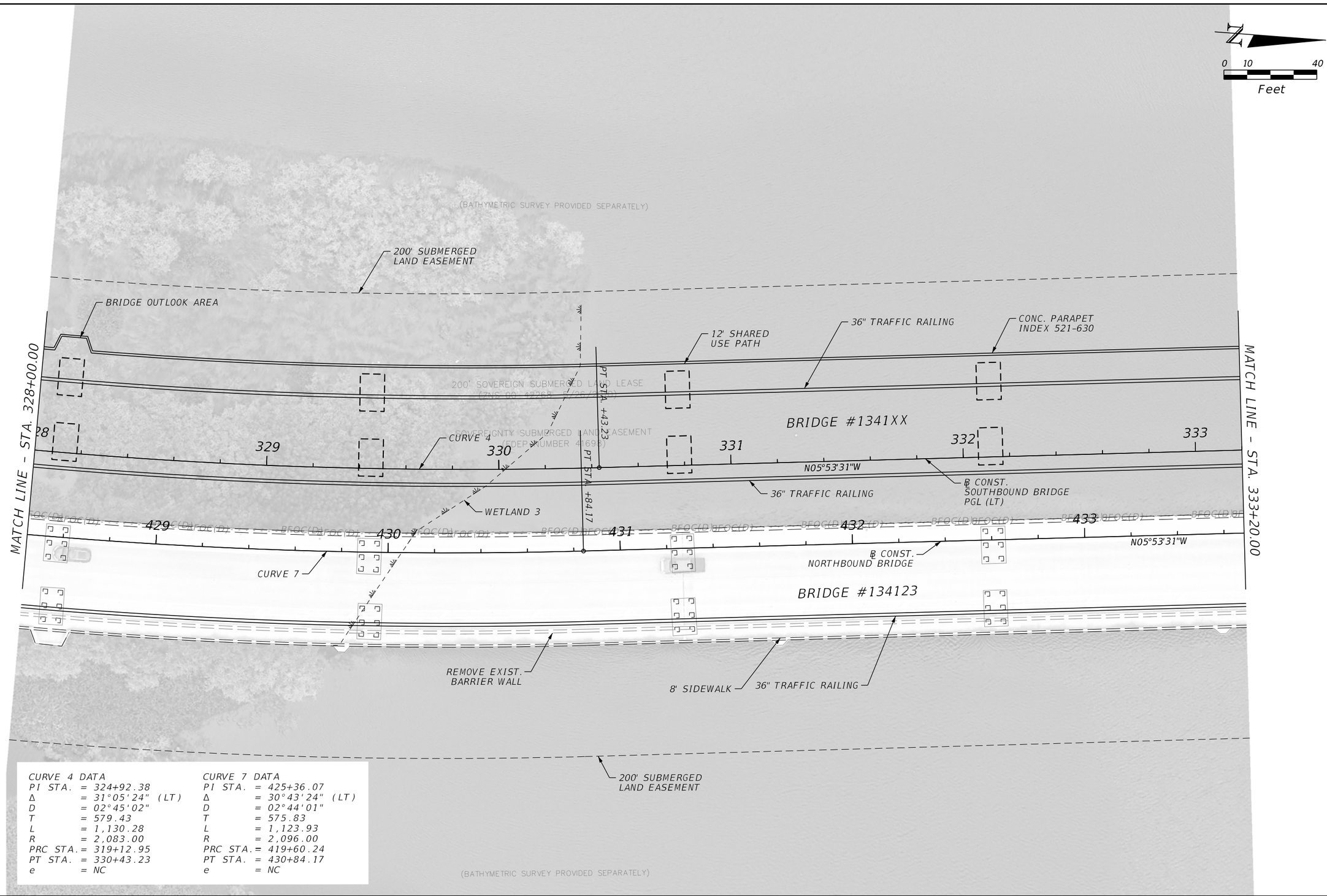
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (6)

SHEET NO. 38

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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Mason.Hoke 9/26/2025 10:10:35 AM



CURVE 4 DATA		CURVE 7 DATA	
PI STA.	= 324+92.38	PI STA.	= 425+36.07
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D	= 02°45'02"	D	= 02°44'01"
T	= 579.43	T	= 575.83
L	= 1,130.28	L	= 1,123.93
R	= 2,083.00	R	= 2,096.00
PRC STA.	= 319+12.95	PRC STA.	= 419+60.24
PT STA.	= 330+43.23	PT STA.	= 430+84.17
e	= NC	e	= NC

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

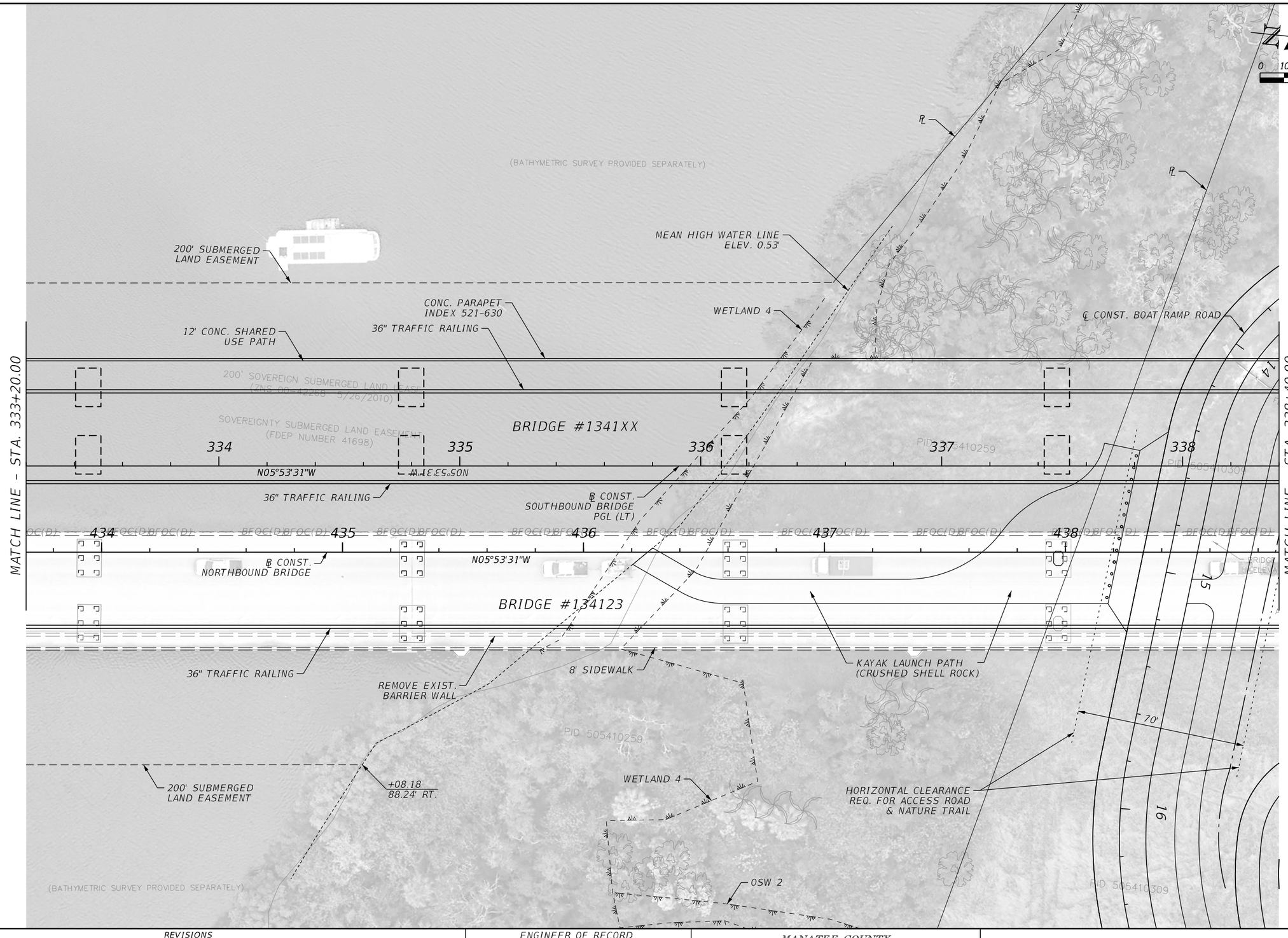
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (7)

SHEET NO. 39

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

c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERWBR - PLAN 7 [SHEET]
Mason.Hoke 9/26/2025 10:10:41 AM



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (8)

SHEET NO. 40

c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERWBR - PLAN 8 [SHEET]
Mason.Hoke 9/26/2025 10:10:46 AM

END BRIDGE #1341XX
STA. 338+81.81

END APPROACH SLAB
STA. 339+11.81

STA. 12+82.60 (33.16 RT)
14"X23" SD MES (1:4)
FL. 2.30'
INDEX 430-022

EXIST. POND 3A

CONST. 121 LF OF 14"X23" PIPE

℄ CONST. BOAT RAMP ROAD

CONST. 4 LF OF 36" PIPE W/ CONC JACKET

CONST. 37 LF OF 18" PIPE

POND 2C

EXIST. R/W

STA. 514+20.00

10 40
Feet

END TRAFFIC RAILING
BEGIN TL-3 APPROACH TRANSITION
STA. 339+20.56, 6.00' RT.

339+40.03
43.59' LT.

END ℄ CONST. SOUTHBOUND BRIDGE
STA 339+40.00 =
℄ CONST. FORT HAMER ROAD
STA. 510+00.00, 17.33' LT.

BEGIN SHARED USE PATH CROSS SLOPE TRANSITION
END CONC. PARAPET
512+00.00, 56.70' LT.

12' CONC. SHARED USE PATH

CONC. PARAPET INDEX 521-630

END SHARED USE PATH CROSS SLOPE TRANSITION
513+00.00, 55.50' LT.

END SHOULDER BARRIER BEGIN TYPE F CURB
+00.00, 40.33' LT.

CONST. 91 LF OF 18" PIPE

10' CONC. SHARED USE PATH

799+91.48
64.96' LT.

799+85.91
46.06' LT.

799+75.23
46.05' LT.

CONST. 50 LF OF 18" PIPE

799+82.24
31.21' LT.

799+28.26
44.50' LT.

R 10'

R 91'

36" TRAFFIC RAILING

S-014

BRIDGE #1341XX

339

N05°53'31"W

ALIGNMENT CURB

38" CONCRETE SHOULDER BARRIER INDEX 521-001

TYPE D CURB

S-409

S-410

S-411

S-501

BEGIN TRANSITION FROM TYPE F TO E CURB
+02.44, 10.92' LT.

END APPROACH TRANSITION BEGIN TL-3 GUARDRAIL
STA. 510+11.00, 10.92' LT.

END TL-3 GUARDRAIL BEGIN CURBED APPROACH TERMINAL ASSEMBLY
+12.44, 10.67' LT.

PGL LT.

TYPE E CURB

END CURBED APPROACH TERMINAL
+65.56, 10.44' LT.

+75.56
8.42' LT.

+85.56
11.58' LT.

+09.21
12.92' LT.

TYPE F CURB

CONST. 26 LF OF 18" PIPE

+00.00 ℄ ROUNDABOUT PGL LT
11.00' LT.

799+28.26
28.00' LT.

R 719'

CONST. 24" PIPE

799+72.15
0.00' LT.

R 775'

℄ CONST. SOUTHBOUND BRIDGE PGL (LT)

℄ CONST. NORTHBOUND BRIDGE PGL (RT)

439+73.92
6.00' LT.

339+20.56
8.50' RT.

TL-3 GUARDRAIL

MISC. ASPHALT

TYPE F CURB

510

511

512

513

514

℄ CONST. FORT HAMER ROAD

N05°53'31"W

TYPE AB CURB

℄ ROUNDABOUT PGL RT.

900

900+97.94
0.00' RT.

CONST. 76 LF OF 30" PIPE

CONST. 18" PIPE

439

CLEARANCE ION (TYP)

BRIDGE #134123

END ℄ CONST. NORTHBOUND BRIDGE
STA 439+88.67 =
℄ CONST. FORT HAMER ROAD
STA. 510+00.00, 11.00' RT

FORT HAMER ROAD

TYPE AB CURB

PGL RT.

+43.69
12.38' RT.

R 2100'

REMOVE EXIST. PAVEMENT AND PLACE SOD

TYPE F CURB SAWCUT

BEGIN TYPE F CURB
+29.55, 45.34' RT. (M.E.)

900+84.29
29.89' RT.

S-501A

S-502

END TRAFFIC RAILING
BEGIN TL-3 GUARDRAIL
510+00.00, 48.71' RT.

510+10.05
47.21' RT.

CONST. 14 LF OF 18" PIPE

TL-3 GUARDRAIL W/ PIPE RAIL

TYPE F CURB

+55.92
50.19' RT. (M.E.)

S-407

S-408

END TL-3 GUARDRAIL CONNECT TO EXIST. GUARDRAIL
+57.82, 51.82' RT.

EXIST. 18" PIPE TO REMAIN

+06.39
49.81' RT.

R 230'

R 335'

R 120'

+77.02
57.56' RT.

CONST. 6 LF OF 30" PIPE

+41.63
57.49' RT.

BEGIN 6' CONC. SIDEWALK
+06.37, 54.91' RT.

+08.83
49.82' RT.

CONST. 6 LF OF 18" PIPE W/ CONC JACKET

10' CONC. SHARED USE PATH

CONST. 61 LF OF 30" PIPE

CONST. 60" PIPE

CONST. 158 LF OF 60" PIPE

S-502A

8' SIDEWALK

36" TRAFFIC RAILING

REMOVE EXIST. BARRIER WALL

EXIST. STR TO REMAIN

EX-78

CONST. 29' LF OF 18" PIPE

CONST. 4 LF OF 18" PIPE W/ CONC. JACKET

END CONC. SIDEWALK
+49.84, 59.77' RT. (M.E.)

END BRIDGE #134123 (EXISTING)
BEGIN MILLING AND RESURFACING
NORTHBOUND LANES
STA. 439+32.81

BEGIN CONC. SIDEWALK
439+32.72, 39.67' RT. (M.E.)

S-551

STA. 512+38.30 (122.30 RT)
36" SD MES (1:2)
FL. 1.10'
INDEX 430-022

ALL PARTIAL STATIONS ARE IN REFERENCE TO ℄ CONST. FORT HAMER ROAD

POND 2B

LEGEND

MILLING AND RESURFACING

REMOVAL OF EXISTING CONCRETE

(M.E.) MATCH EXISTING

MATCH LINE - STA. 338+40.00

MATCH LINE - STA. 514+20.00

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

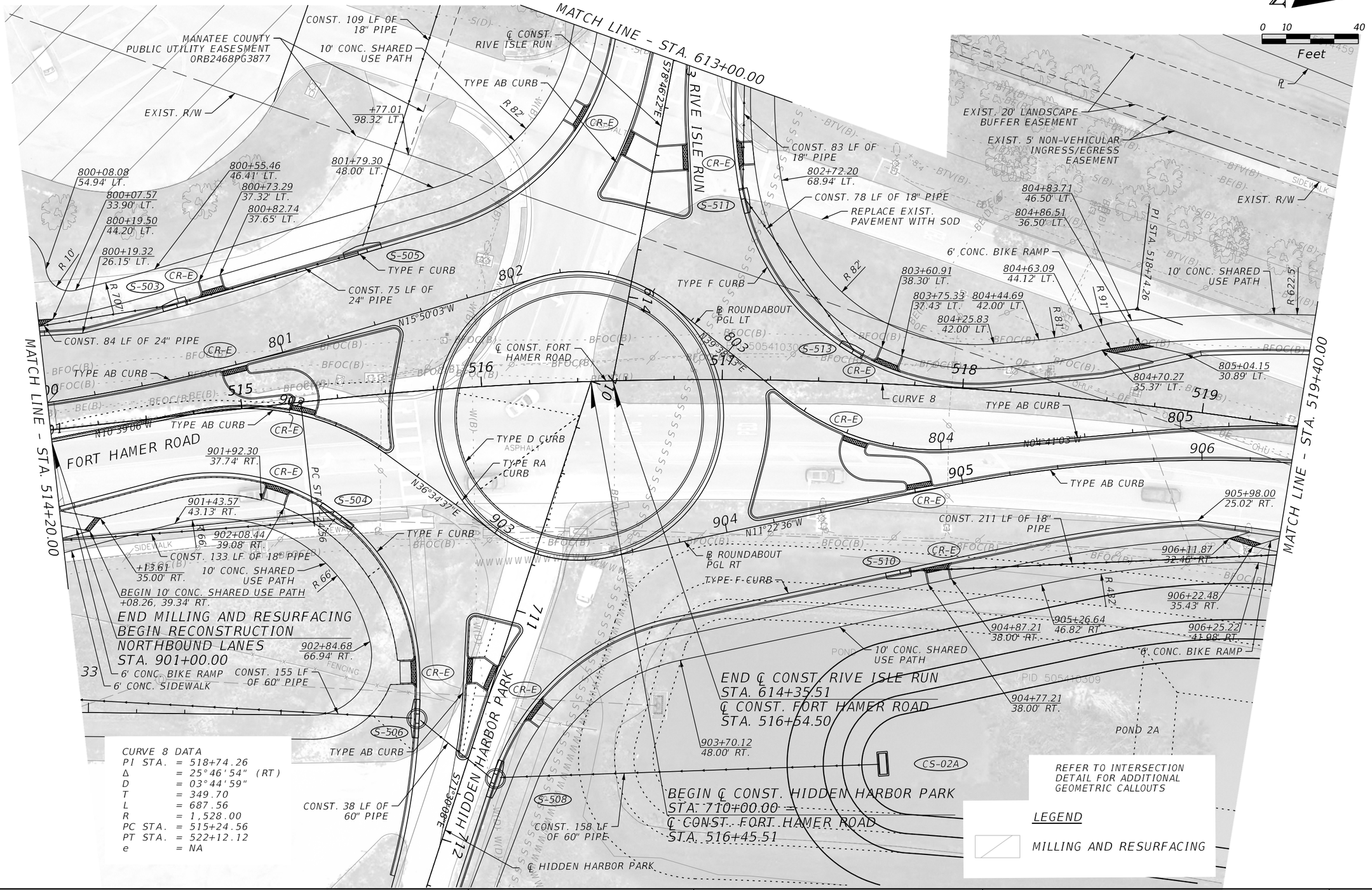
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (9)

SHEET NO. 41

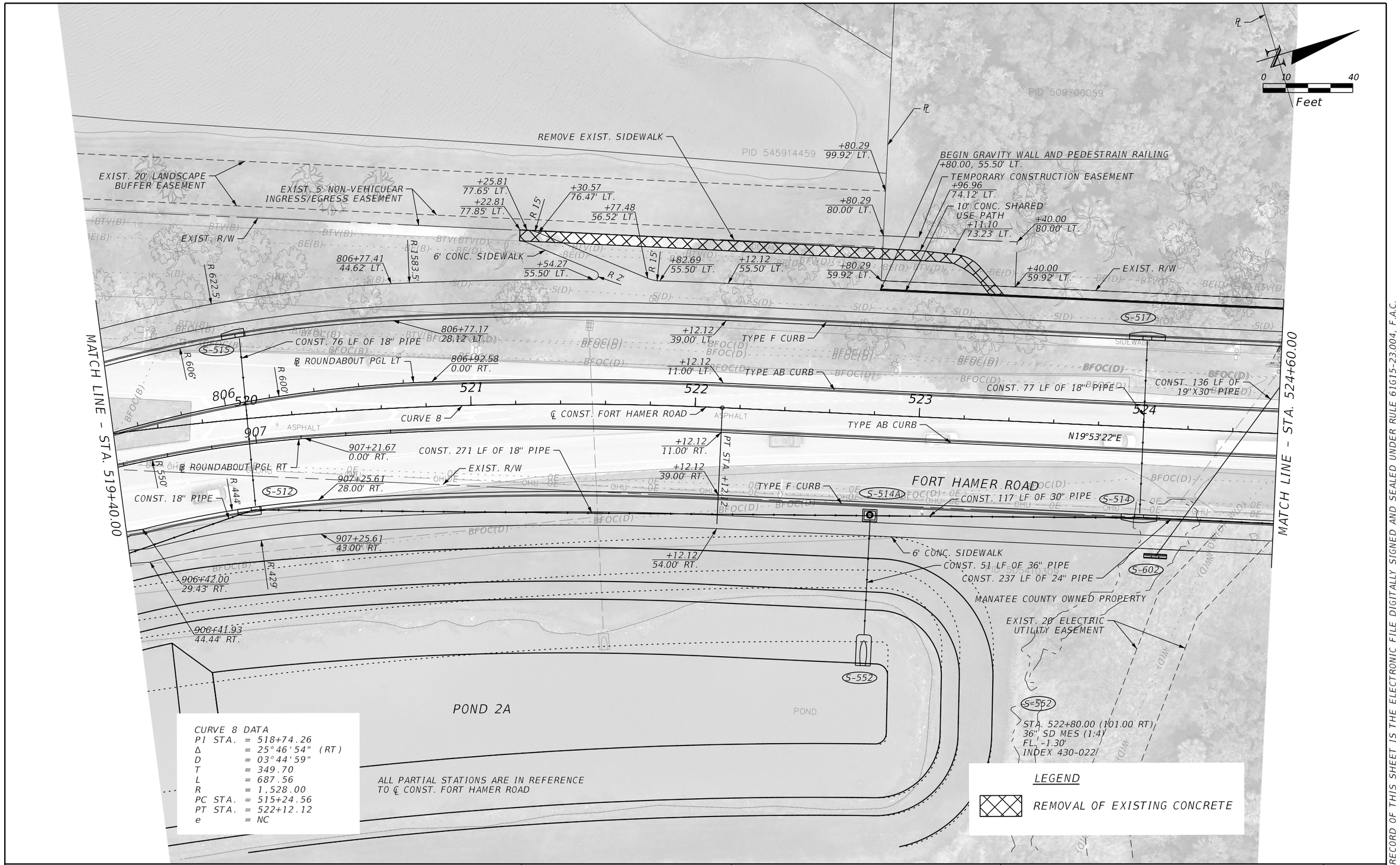
c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERWBR - PLAN 9 [SHEET]
Mason.Hoke 9/26/2025 10:10:52 AM



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY PLAN (10)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		42
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERN - PLAN 10 [SHEET]
Mason.Hoke 9/26/2025 10:10:59 AM



CURVE 8 DATA
PI STA. = 518+74.26
Δ = 25°46'54" (RT)
D = 03°44'59"
T = 349.70
L = 687.56
R = 1,528.00
PC STA. = 515+24.56
PT STA. = 522+12.12
e = NC

ALL PARTIAL STATIONS ARE IN REFERENCE TO ℄ CONST. FORT HAMER ROAD

LEGEND

REMOVAL OF EXISTING CONCRETE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

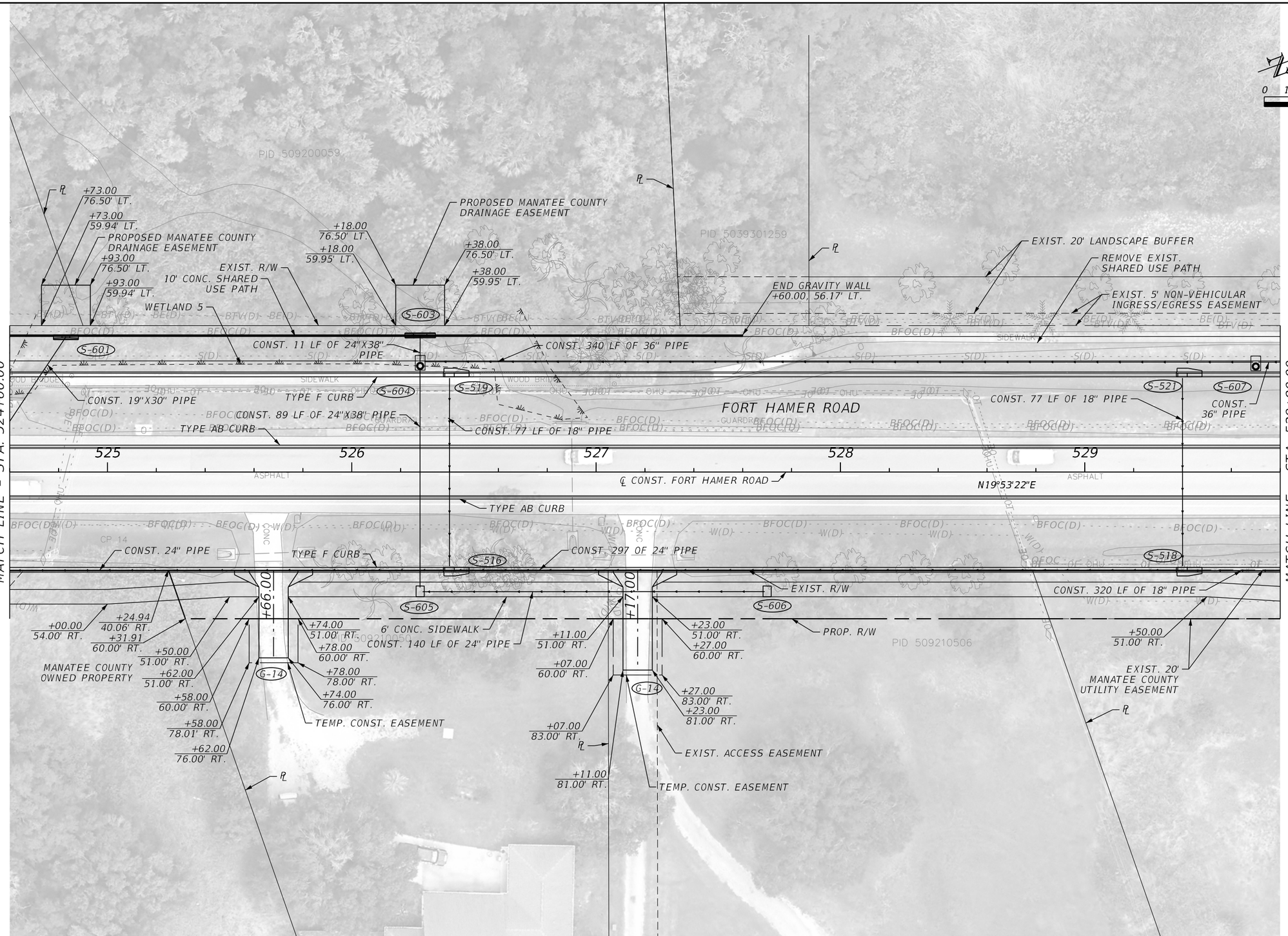
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (11)

SHEET NO. 43

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c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERN – PLAN 11 [SHEET]
Mason.Hoke 9/26/2025 10:11:04 AM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (12)

SHEET NO. 44

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

c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERN - PLAN 12 [SHEET]
Mason.Hoke 9/26/2025 10:11:10 AM

0 10 40
Feet

PID 503930759

REMOVE EXIST. SHARED USE PATH
10' CONC. SHARED USE PATH
+00.00 55.50' LT.
+50.00 58.18' LT.
+55.00 58.18' LT. MATCH EXIST.
+39.27 60.00' LT.
CONST. 329 LF OF 36" PIPE
EXIST. R/W
EXIST. 20' LANDSCAPE BUFFER
EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT
SIDEWALK
S-610
S-612
CONST. 197 LF OF 36" PIPE
TYPE F CURB
+00.00 39.00' LT.
+00.00 33.00' LT.
+50.00 53.04' LT.
+00.00 11.00' LT.
6' PAVED SHOULDER
TYPE AB CURB
PGL LT.
PGP
N19°53'22"E
℄ CONST. FORT HAMER ROAD
FORT HAMER ROAD
ASPHALT
R 11'
PGL RT.
+00.00 11.00' RT.
+00.00 33.00' RT.
+00.00 39.00' RT.
CONST. 320 LF OF 18" PIPE
6" PAVED SHOULDER
TYPE F CURB
+54.00
S-609
EXIST. R/W
FENCING
PID 508510459
PID 508510054
+48.00 54.00' RT.
+44.00 60.00' RT.
+44.00 76.00' RT.
+00.00 54.00' RT.
+48.00 74.00' RT.
+60.00 54.00' RT.
+00.00 54.00' RT.
+64.00 60.00' RT.
G-5
EXIST. 20' MANATEE COUNTY UTILITY EASEMENT
+64.00 76.00' RT.
+60.00 74.00' RT.
CONST. 18" PIPE
PROP. R/W
RESET EXIST. FENCE TO PROP. R/W LINE
6' CONC. SIDEWALK
TEMP. CONST. EASEMENT
℄
℄

MATCH LINE – STA. 529+80.00
MATCH LINE – STA. 535+00.00
530 531 532 533 534

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

REVISIONS			
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201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

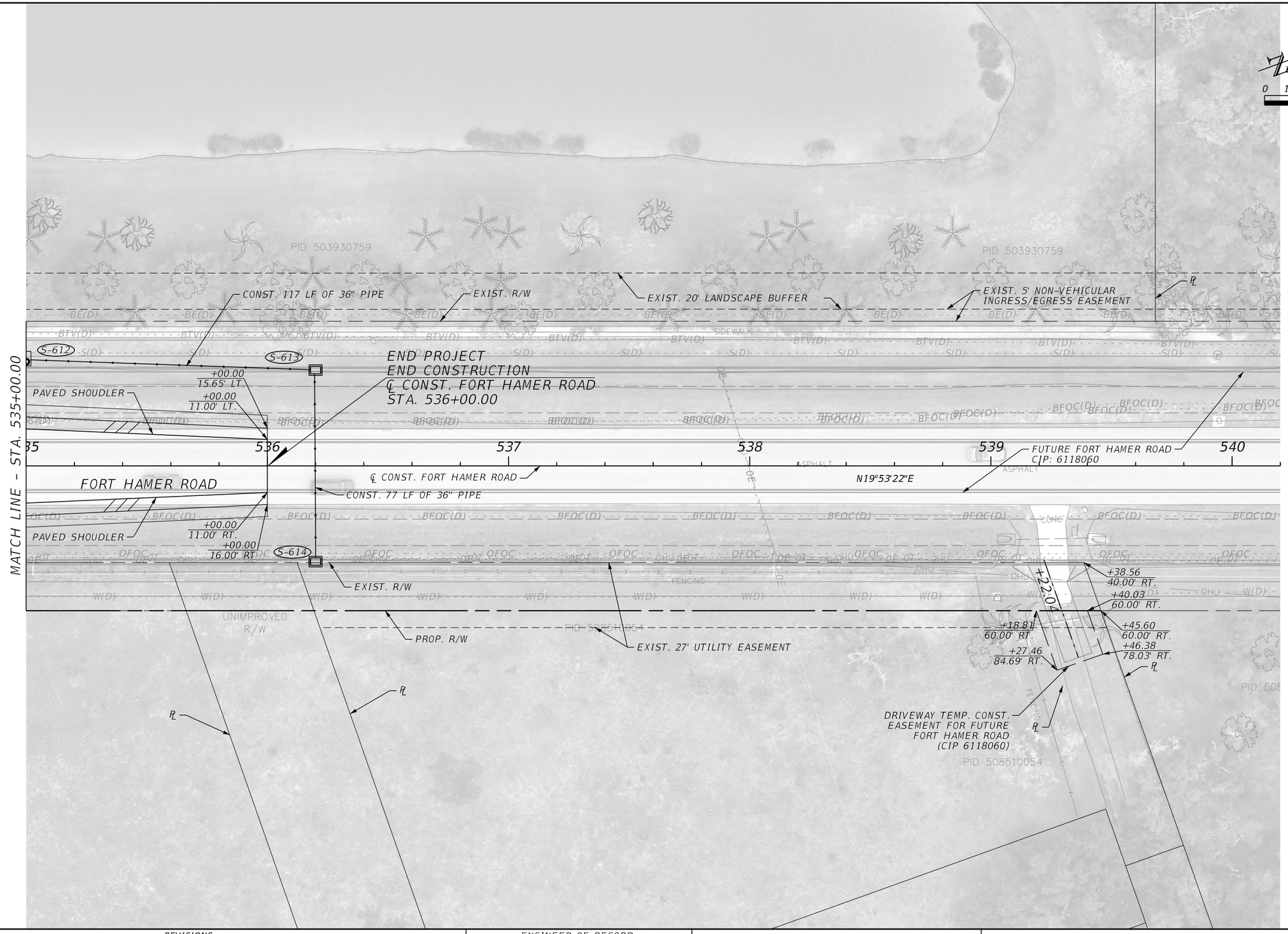
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (13)

SHEET NO. 45

c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERN - PLAN 13 [SHEET]
Mason.Hoke 9/26/2025 10:11:15 AM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (14)

SHEET NO. 46

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

c:\pw\kh1\d0448268\PLANRD01.dgn : CLFTHAMERN – PLAN 14 [SHEET]
Megan.Wingard 9/26/2025 12:37:08 PM

CURVE 10 DATA
PI STA. = 12+13.18
Δ = 41°47'32" (RT)
D = 57°17'45"
T = 38.18
L = 72.94
R = 100.00
PC STA. = 11+75.00
PT STA. = 12+47.94
e = NC

CURVE 11 DATA
PI STA. = 13+96.16
Δ = 59°25'08" (LT)
D = 57°17'45"
T = 57.06
L = 103.71
R = 100.00
PC STA. = 13+39.10
PT STA. = 14+42.81
e = NC

CURVE 12 DATA
PI STA. = 18+07.13
Δ = 106°52'06" (LT)
D = 33°42'12"
T = 229.19
L = 317.08
R = 170.00
PC STA. = 15+77.94
PT STA. = 18+95.02
e = NC

CURVE 13 DATA
PI STA. = 19+67.95
Δ = 34°31'31" (RT)
D = 38°11'50"
T = 46.61
L = 90.39
R = 150.00
PC STA. = 19+21.33
PT STA. = 20+11.72
e = NC

CURVE 14 DATA
PI STA. = 21+13.54
Δ = 22°30'42" (LT)
D = 38°11'50"
T = 29.85
L = 58.94
R = 150.00
PC STA. = 20+83.69
PT STA. = 21+42.63
e = NC

SIDEWALK CURVE 15 DATA
PI STA. = 31+84.99
Δ = 89°51'24" (RT)
D = 81°51'04"
T = 69.82
L = 109.78
R = 70.00
PC STA. = 31+15.17
PT STA. = 32+24.95
e = NC

BOAT RAMP ENTRANCE CURVE 16 DATA
PI STA. = 56+88.89
Δ = 23°27'33" (RT)
D = 57°17'45"
T = 20.76
L = 40.94
R = 100.00
PC STA. = 56+68.13
PT STA. = 57+09.07
e = NC

BOAT RAMP ENTRANCE CURVE 17 DATA
PI STA. = 54+70.10
Δ = 31°12'33" (LT)
D = 26°38'57"
T = 60.05
L = 117.11
R = 215.00
PC STA. = 54+10.06
PT STA. = 55+27.17
e = NC

BEGIN MILLING AND RESURFACING
℄ CONST. BOAT RAMP ENTRANCE
STA. 50+20.00

BEGIN CONSTRUCTION
℄ CONST. BOAT RAMP ROAD
STA. 10+42.00

END MILLING AND RESURFACING
℄ CONST. BOAT RAMP ENTRANCE
STA. 55+92.49

BEGIN CONSTRUCTION
℄ CONST. BOAT RAMP ENTRANCE
STA. 54+04.95

END CONSTRUCTION
℄ CONST. BOAT RAMP ENTRANCE
STA. 57+52.16

END CONSTRUCTION
℄ CONST. BOAT RAMP ROAD
STA. 21+99.06

℄ CONST. BOAT RAMP ENTRANCE
EXIST. R/W
CURVE 10
BEGIN DITCH LT. 1
STA. 12+30.00, EL. 5.50'
END DITCH LT. 1
STA. 13+20.00, 42.50' LT.
EL 5.95'
EXIST. POND 3A
CURVE 11
CONST. 121 LF OF 14"X23" PIPE
BEGIN DITCH LT. 2
STA. 14+00.00, EL. 5.50'
CONST. 36" PIPE
POND 2C
CONST. 24" PIPE
CONST. 18" PIPE
CONST. 30" PIPE
CONST. 60" PIPE
FORT HAMER ROAD
10' KAYAK LAUNCH PATH
SEE SPECIAL DETAILS SHEET
END DITCH LT. 2
STA. 16+40.00, 41.50' LT.
EL 9.50'
10' CONC. SHARED USE PATH
POND 2B
CONST. 138 LF OF 48" PIPE
CURVE 12
CURVE 13
CURVE 14
CURVE 15
CURVE 16
CURVE 17
℄ CONST. SIDEWALK
10' CONC. SHARED USE PATH
+05.03
10.00' RT.
+00.03
15.03' RT.
+00.06
20.33' RT. (M.E.)
+56.44
67.72' LT. (M.E.)
+55.90
38.98' LT.
+81.41
11.00' LT.
+74.21
0.00' LT.
(M.E.)
+99.06
11.00' RT.
(M.E.)
33+92.32
0.00' RT.
POND 8B
HIDDEN HARBOR PARK
RIVE ISLE RUN
CONST. 18" PIPE
CONST. 60" PIPE
POND 2A
N19°13'28"E
N11°59'05"W
N11°28'28"E
N01°11'33"E
N88°36'50"W
R 50'
R 70'
R 150'
R 215'

0 20 100
Feet

LEGEND
(M.E.) MATCH EXISTING
WIDENING
MILLING AND RESURFACING
REMOVAL OF EXISTING SIDEWALK AND PLACE SOD

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
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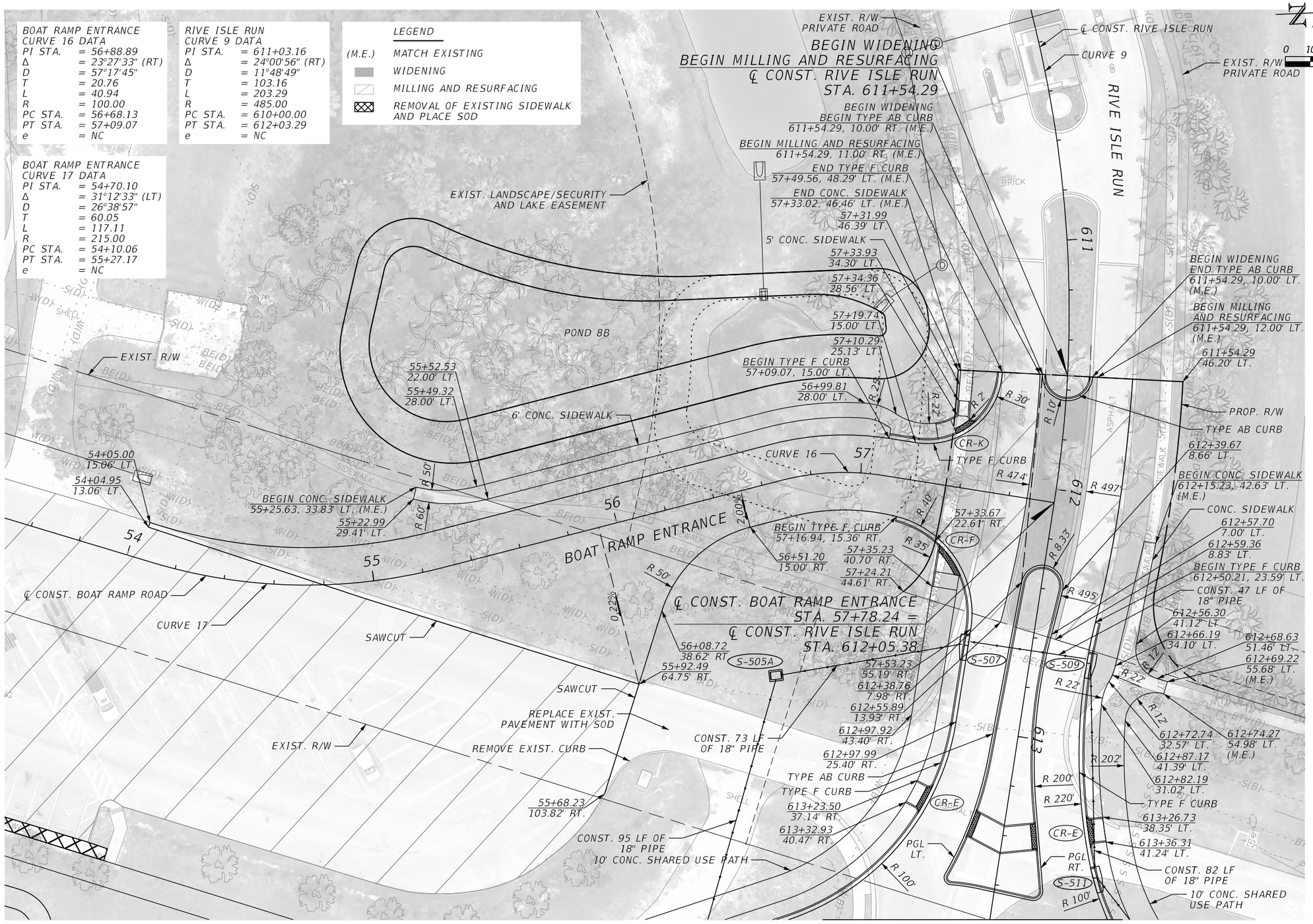
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (15)

SHEET NO. 47

c:\pw\kh1\d0448268\PLANRD05.dgn : CL_BOATRAMPROAD - BOATRAMPRD 1 [SHEET]
Megan.Wingard 9/26/2025 12:37:59 PM



MATCHLINE – STA. 613+74.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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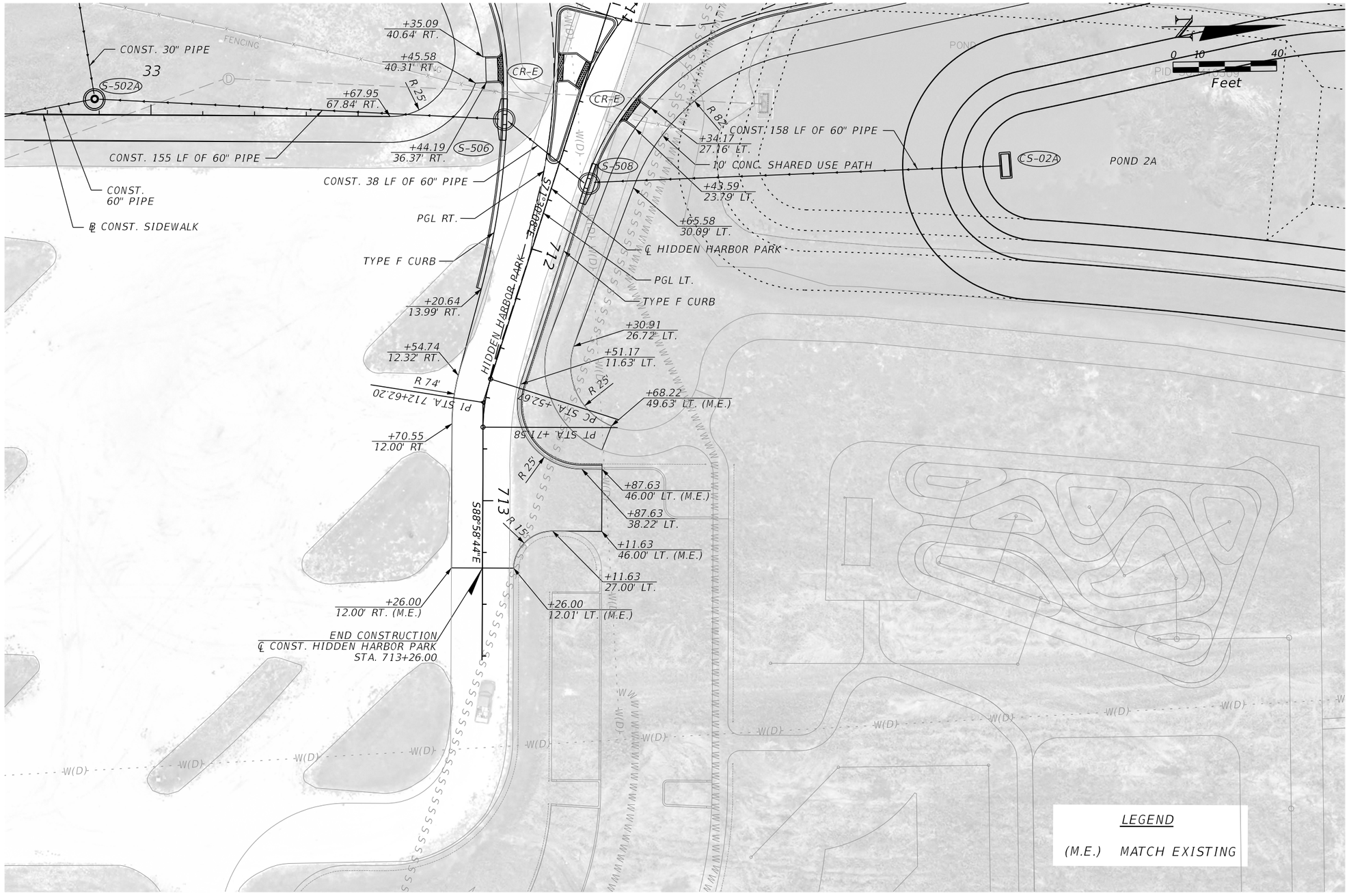
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (16)

SHEET NO. 48

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c:\pw\kh1\d0448268\PLANRD06.dgn : ROADWAY PLAN (16)
Megan.Wingard 9/26/2025 12:43:38 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

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201 N FRANKLIN STREET, SUITE 1400
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MANATEE COUNTY
CIP No. 6118061

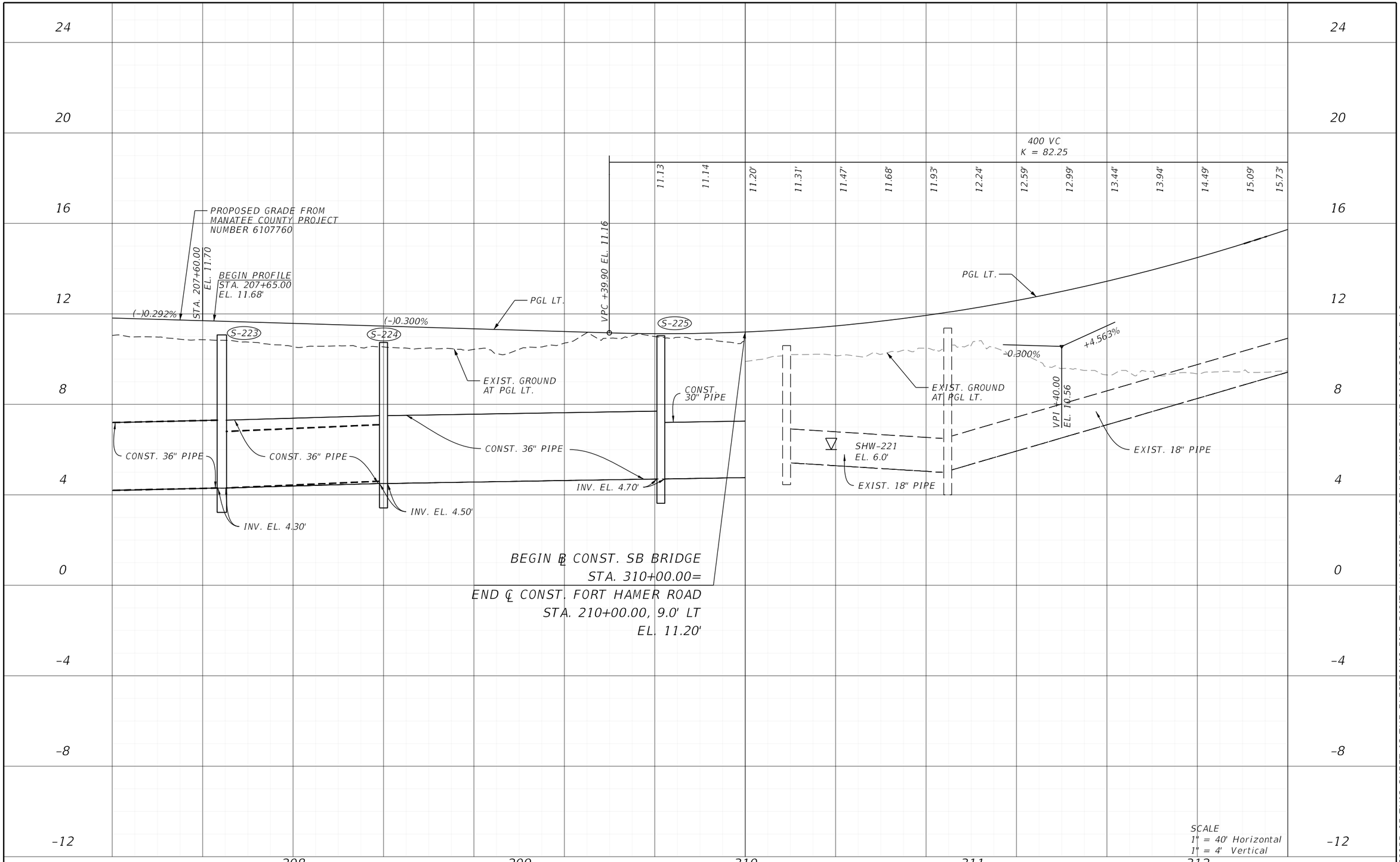
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PLAN (17)

SHEET NO. 49

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

c:\pw\kh1\d0448268\PLANRD07.dgn : BOAT RAMP ROAD [SHEET]
Mason.Hoke 9/26/2025 9:55:08 AM



SCALE
1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
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KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

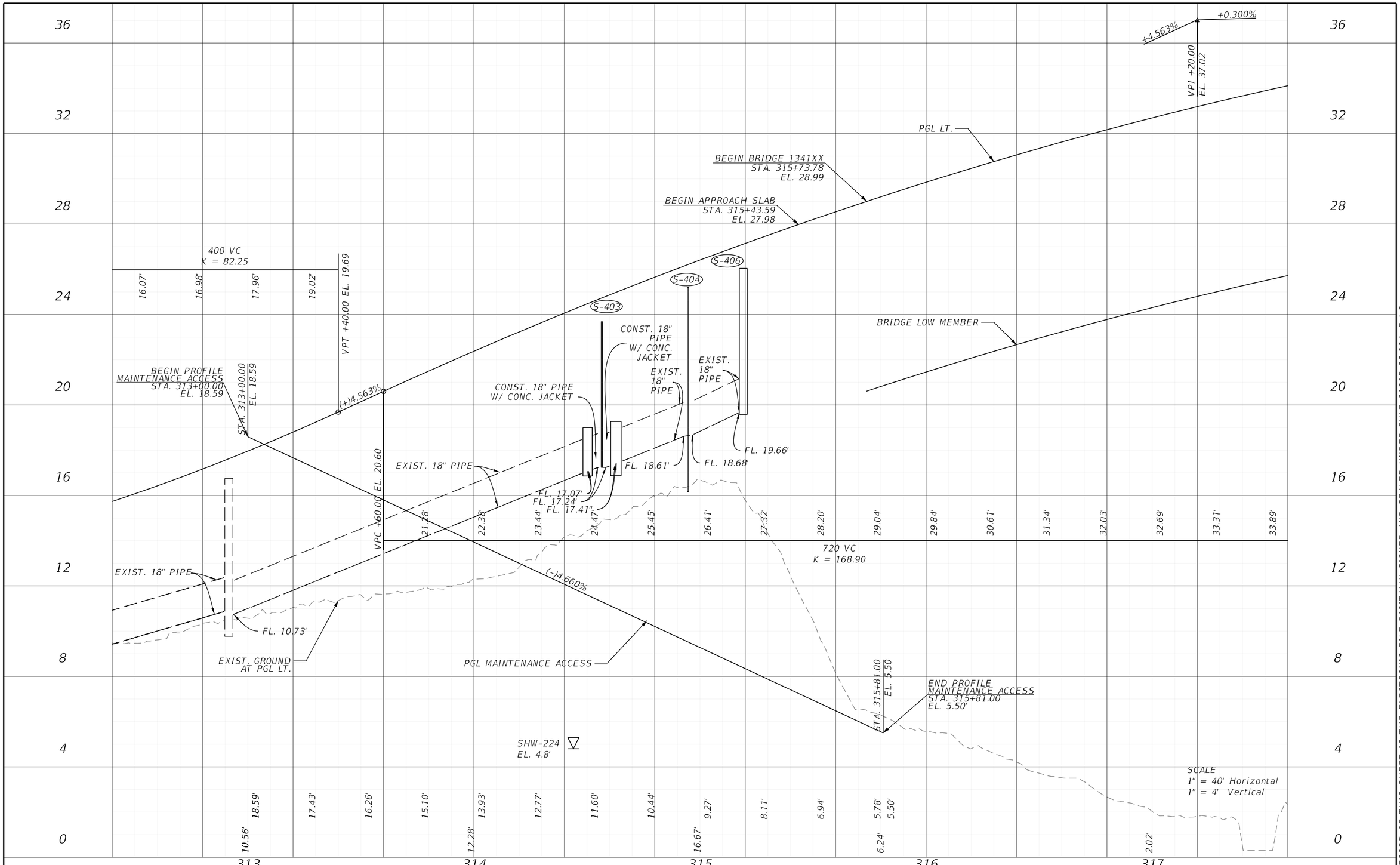
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (1)

SHEET NO.
50

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c:\pw\kh1\d0448268\PROFRD01.dgn : PROFILE 1 [SHEET]
Diego.Monsalve 9/26/2025 2:08:31 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

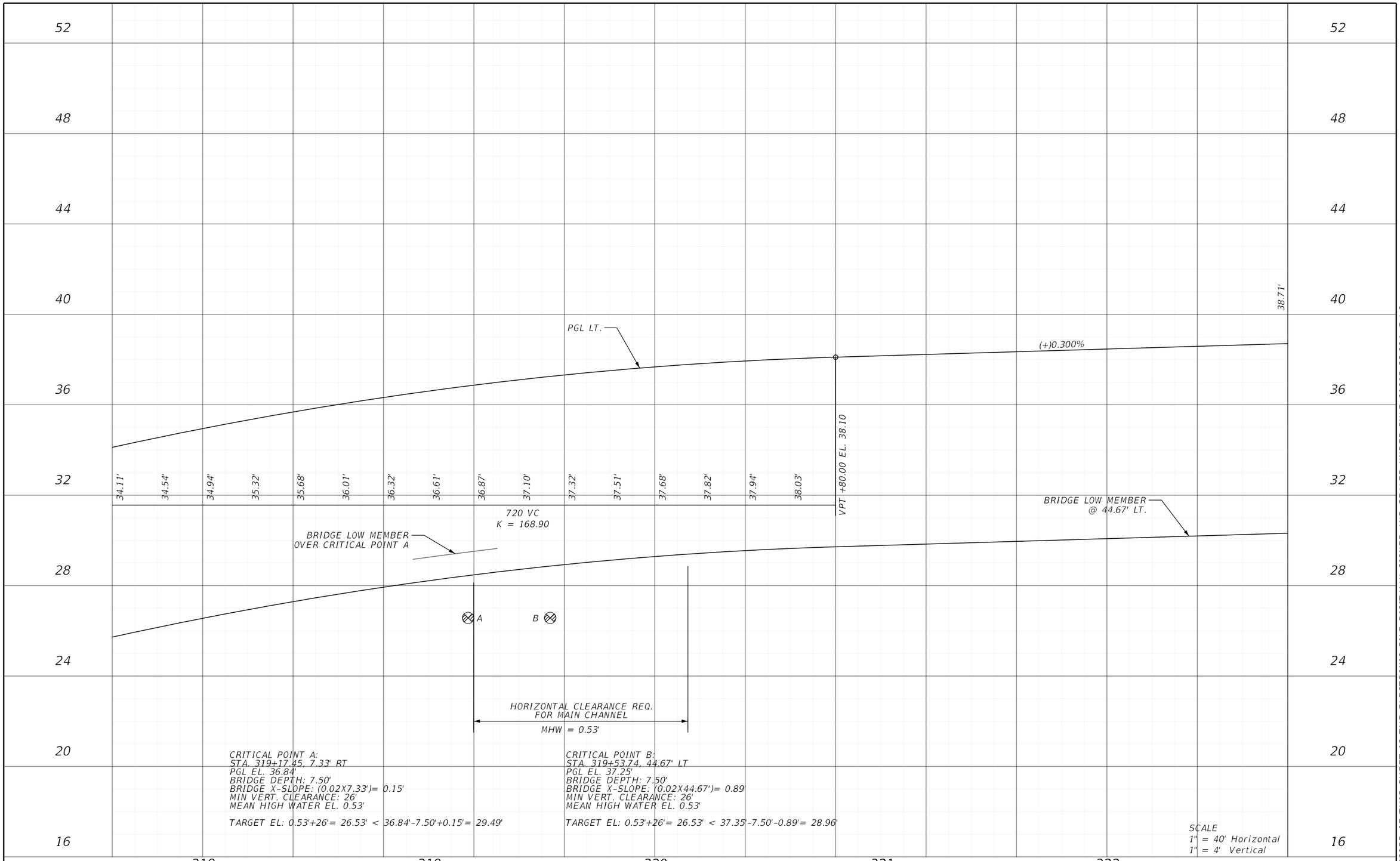
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (2)

SHEET NO. 51

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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Diego.Monsalve 9/26/2025 2:08:36 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

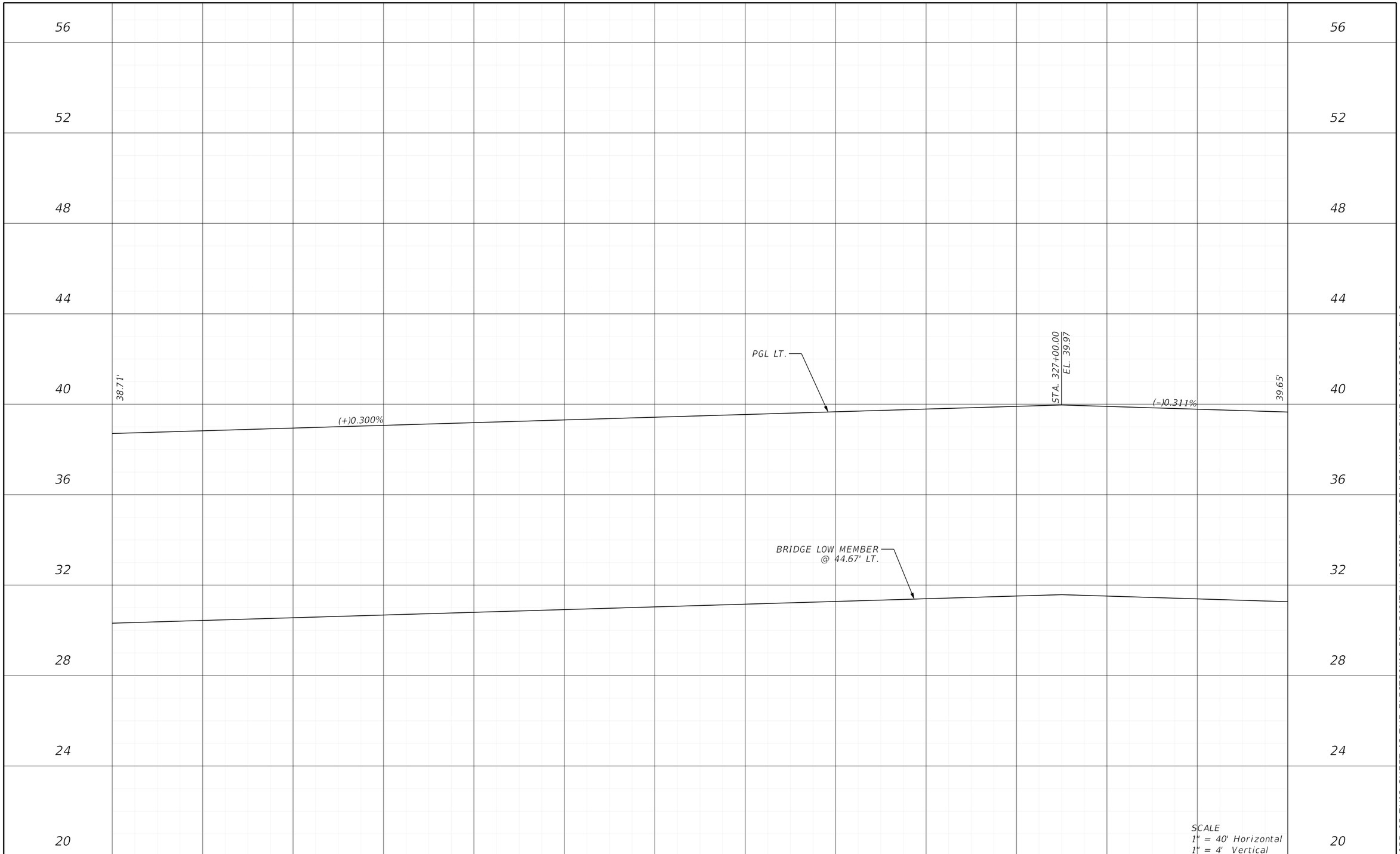
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (3)

SHEET NO. 52

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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Diego.Monsalve 9/26/2025 2:08:37 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

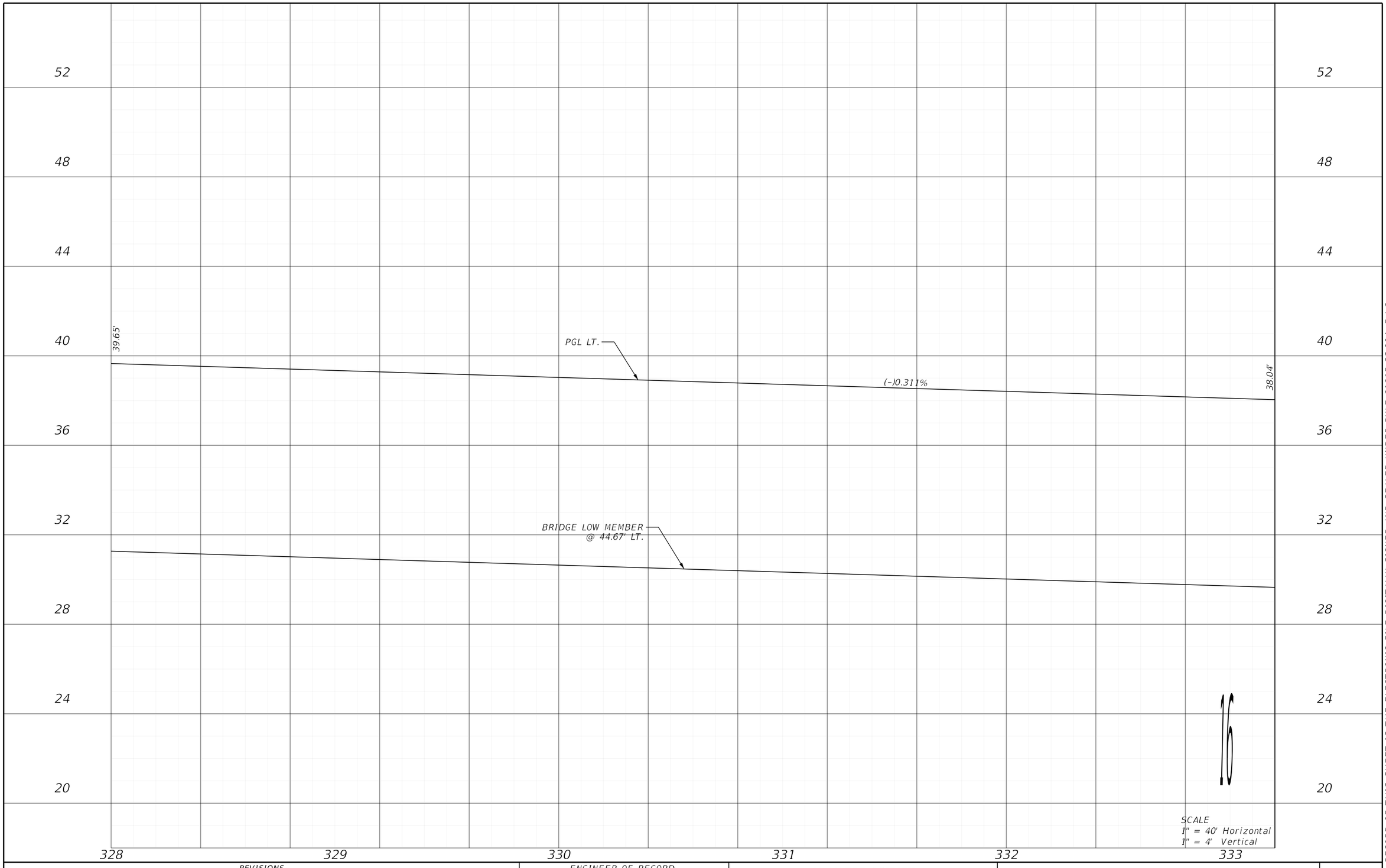
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (4)

SHEET NO. 53

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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Diego.Monsalve 9/26/2025 2:08:38 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

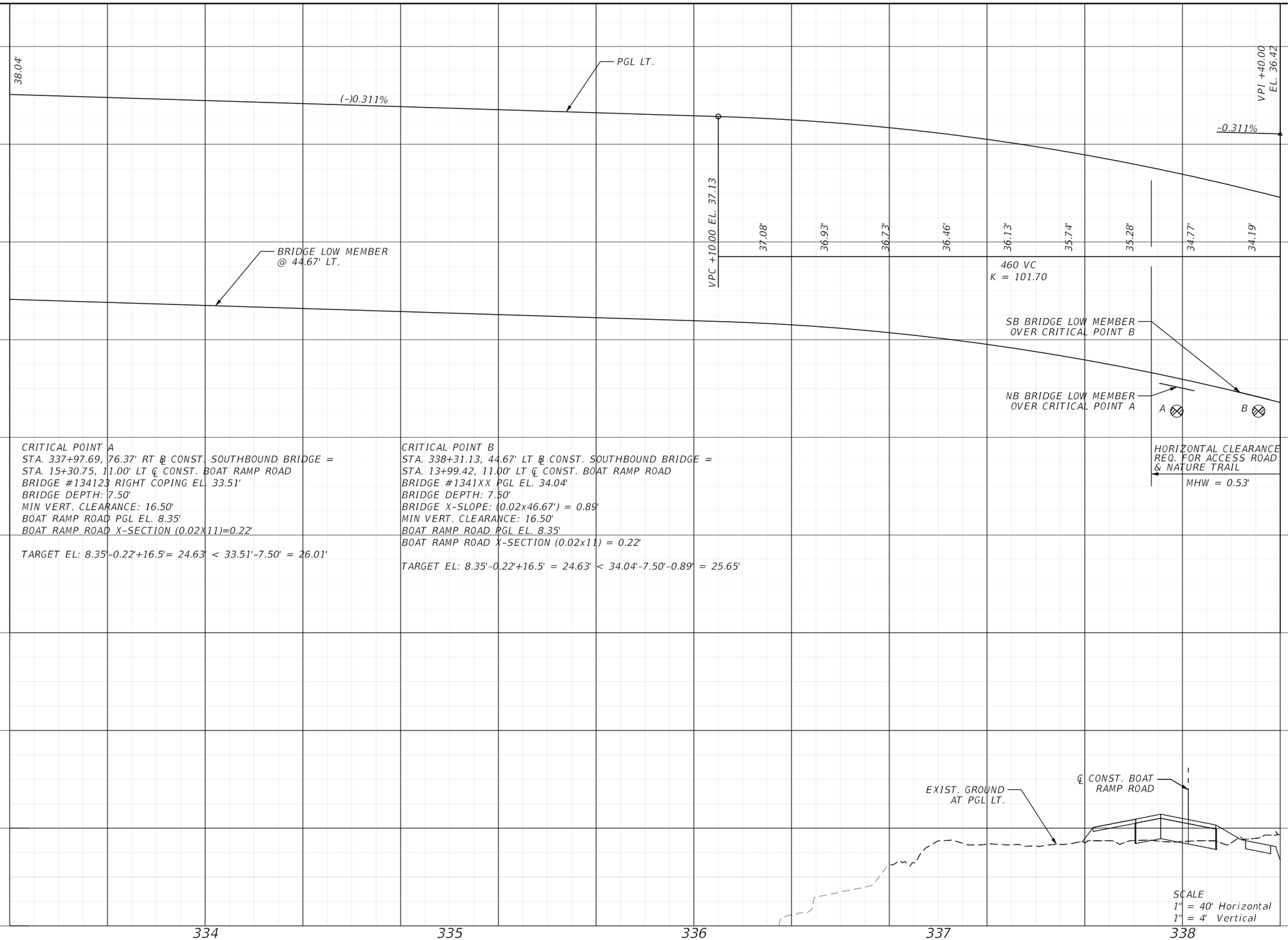
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (5)

SHEET NO. 54

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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Diego.Monsalve 9/26/2025 2:08:39 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY–HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

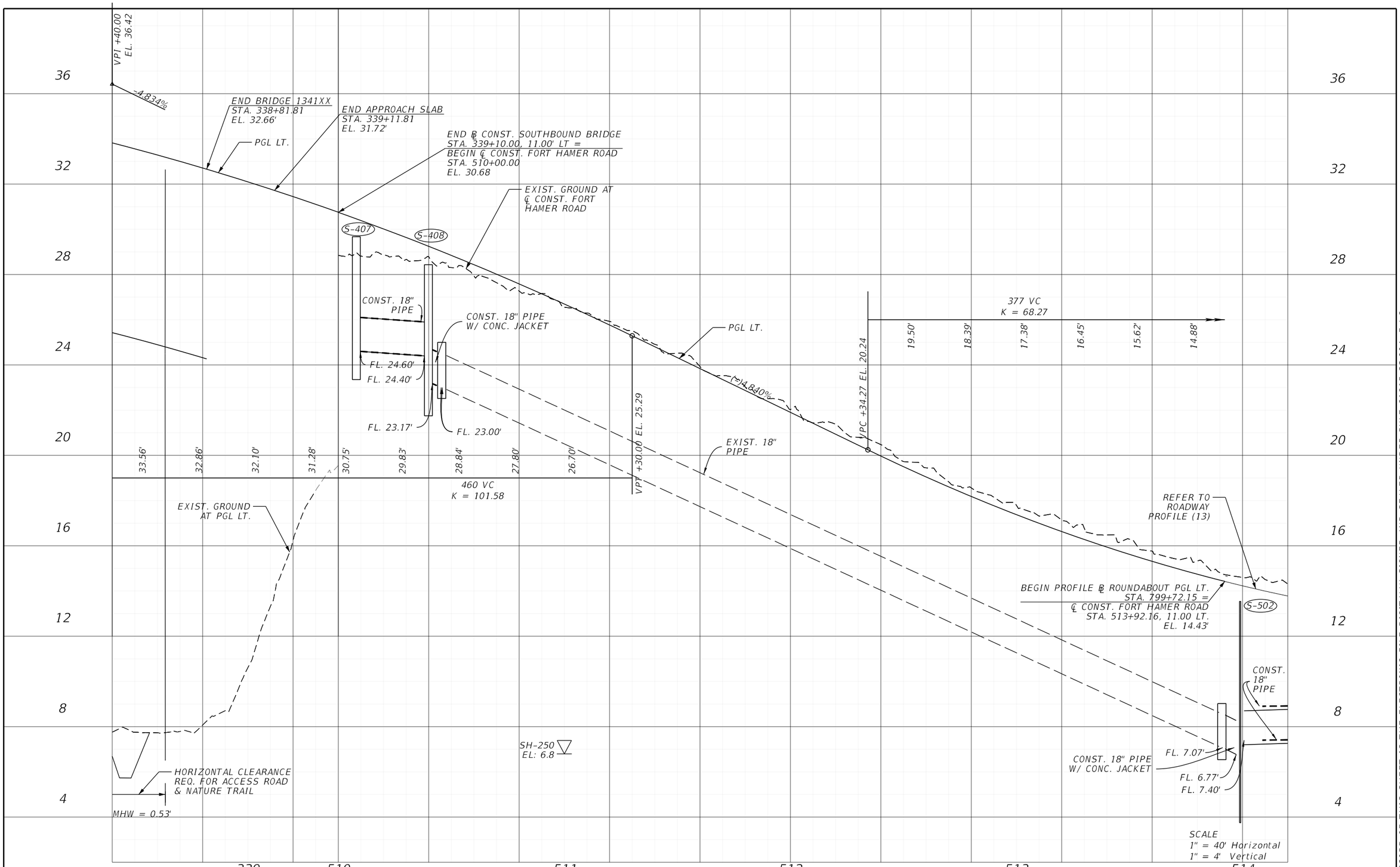
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (6)

SHEET NO. 55

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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Diego.Monsalve 9/26/2025 2:08:41 PM



SCALE
1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

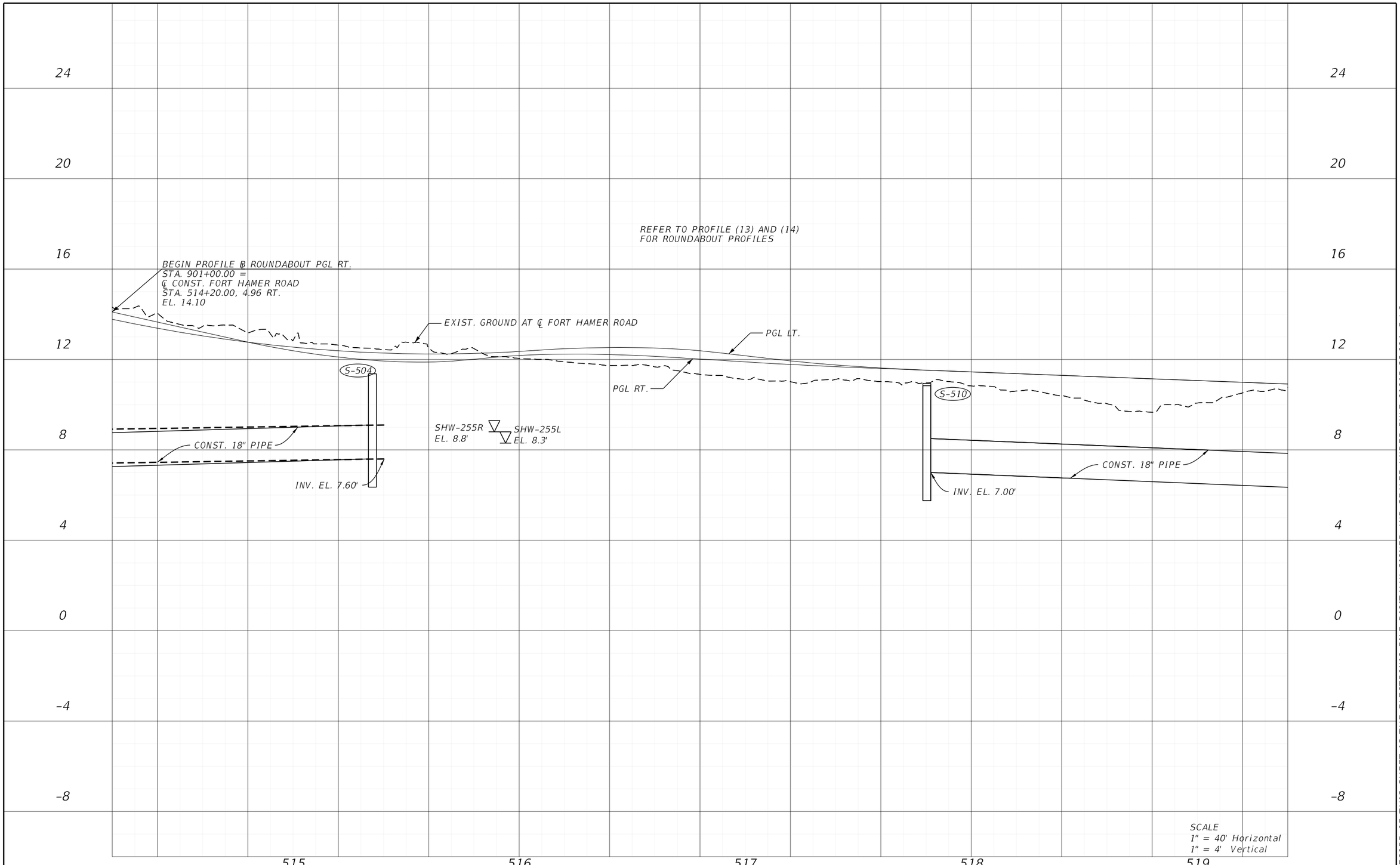
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (7)

SHEET NO. 56

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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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

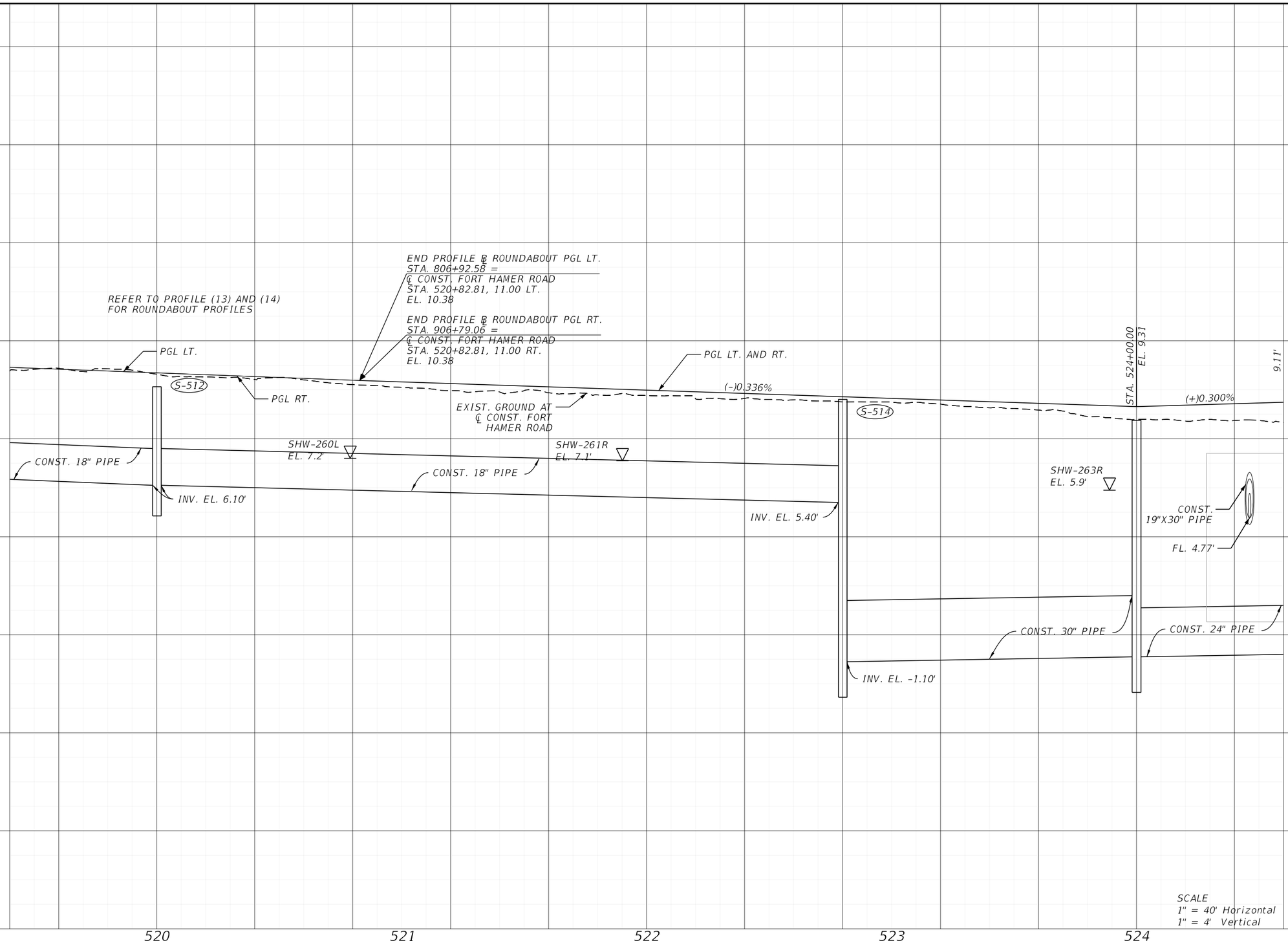
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (8)

SHEET NO. 57

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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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

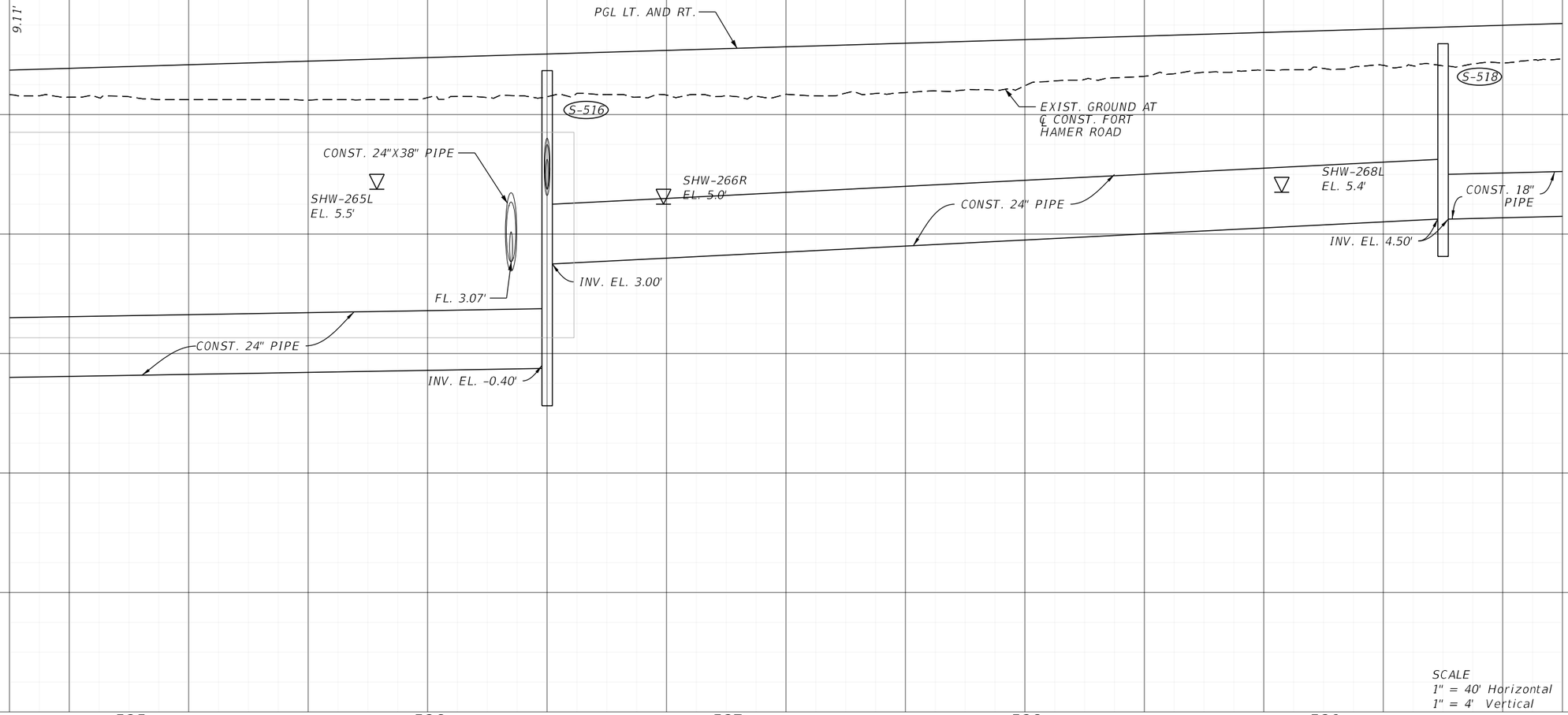
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (9)

SHEET NO.
58

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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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

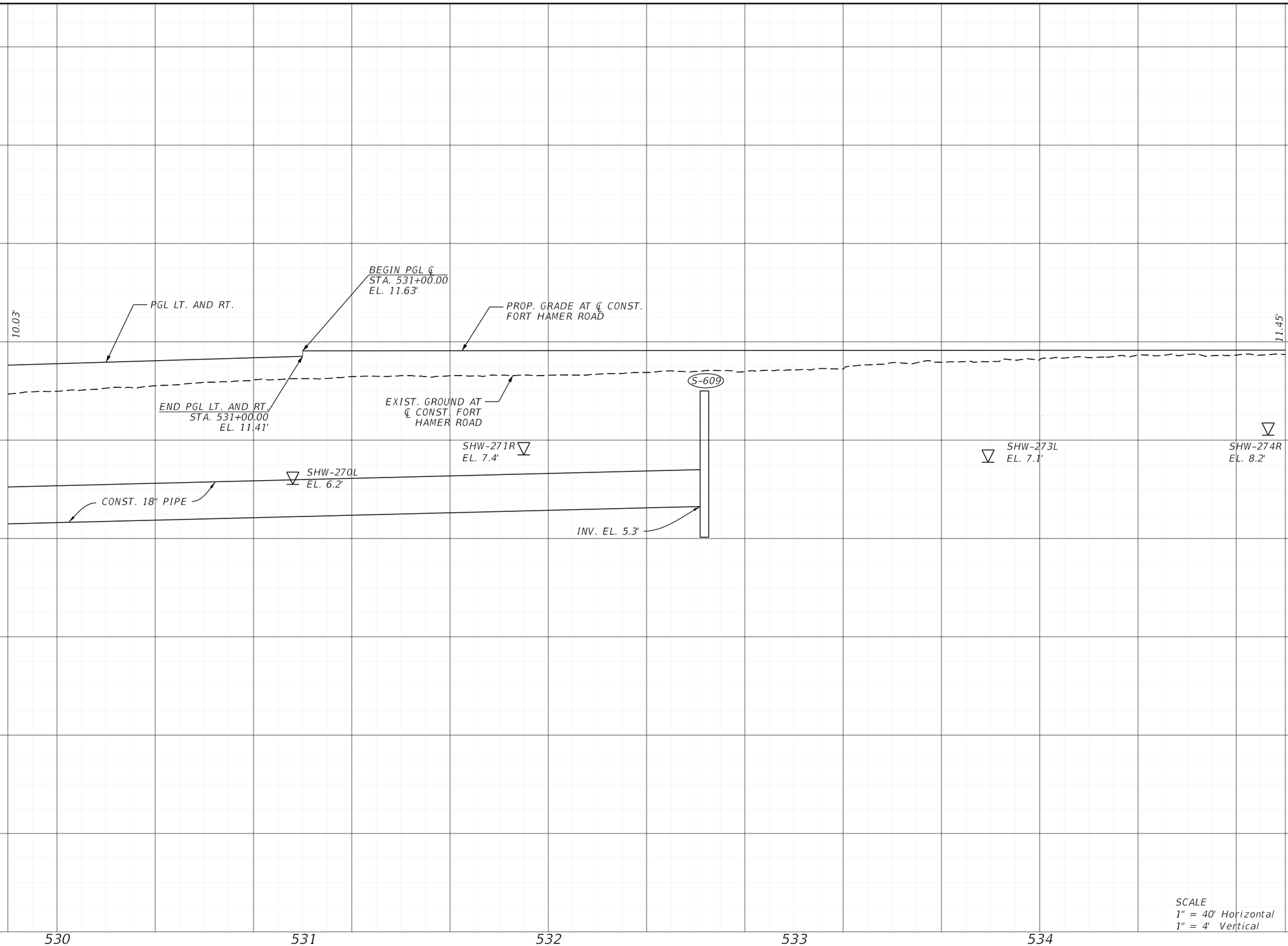
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (10)

SHEET NO. 59

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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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

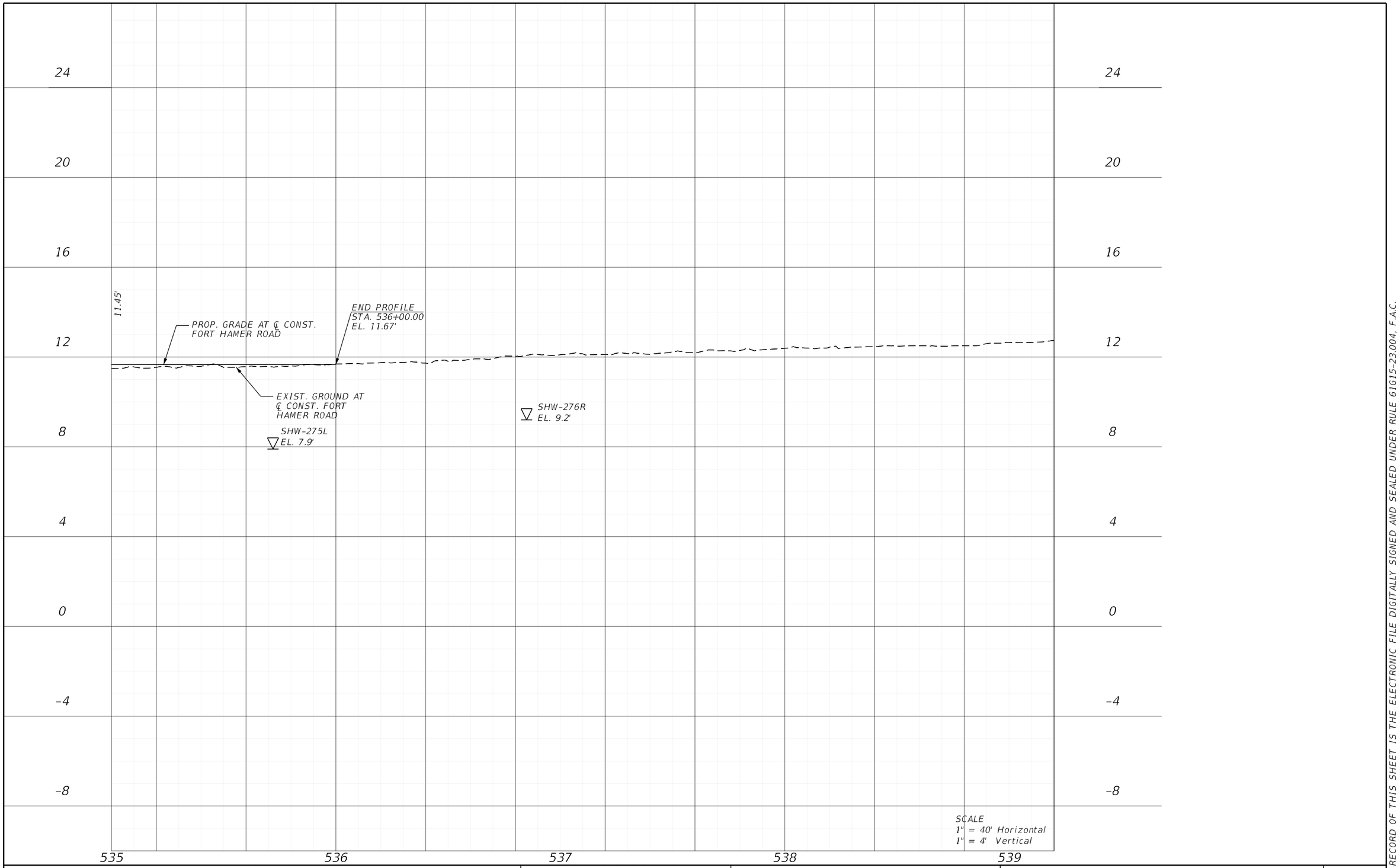
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (11)

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.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

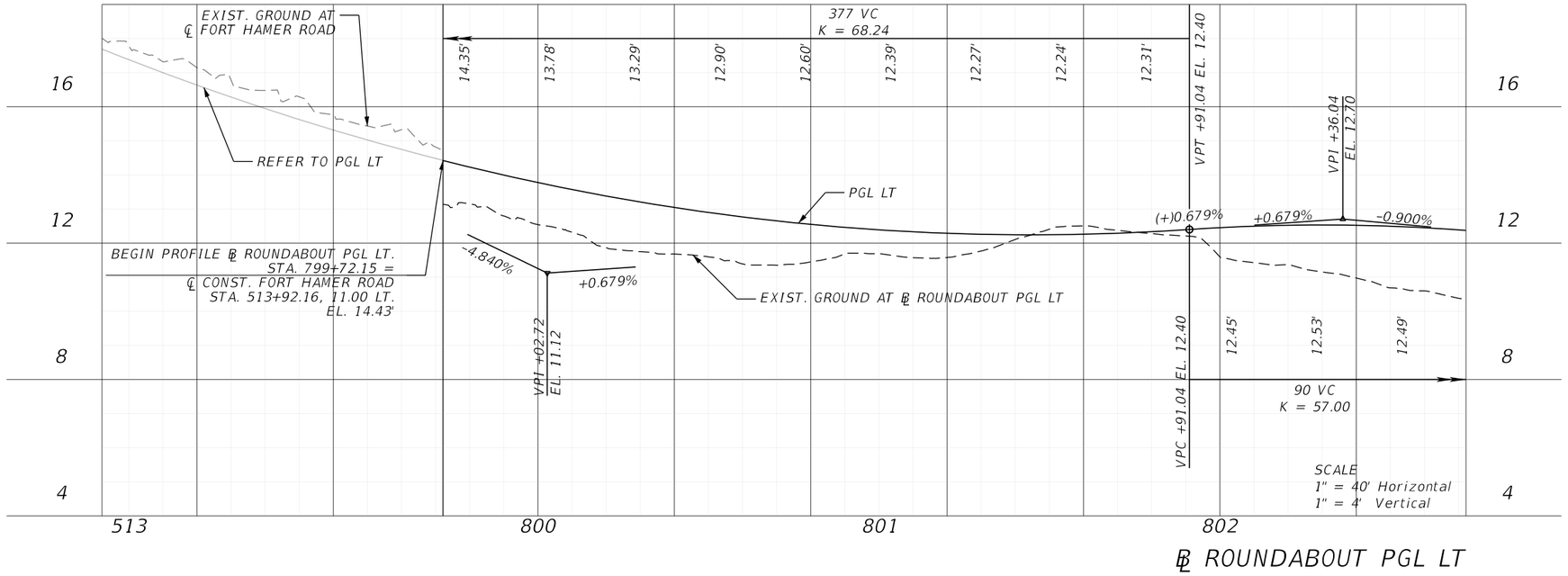
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (12)

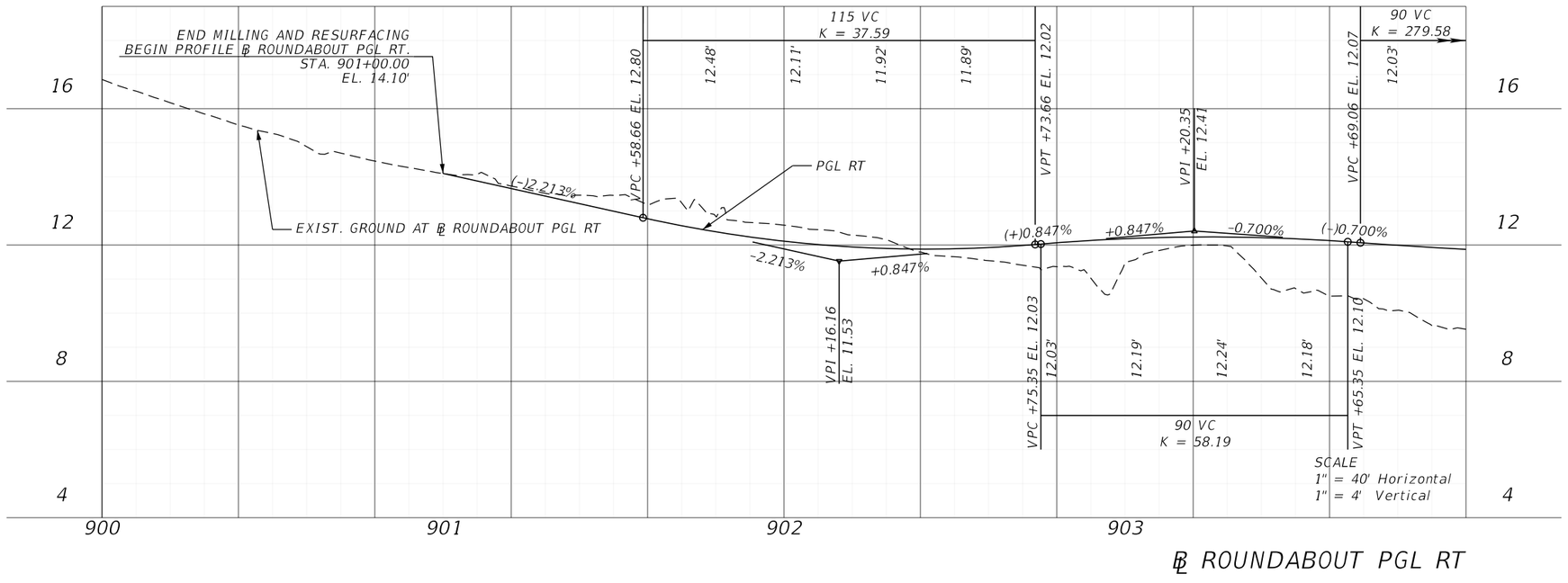
SHEET NO. 61

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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℄ ROUNDABOUT PGL LT

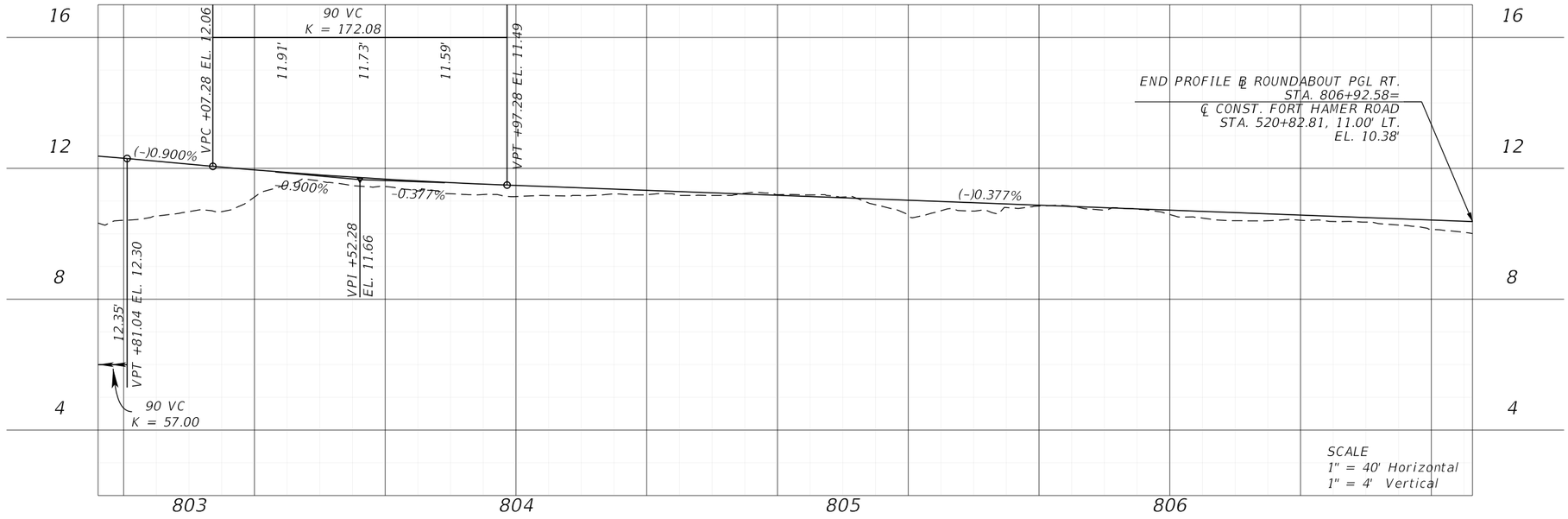


℄ ROUNDABOUT PGL RT

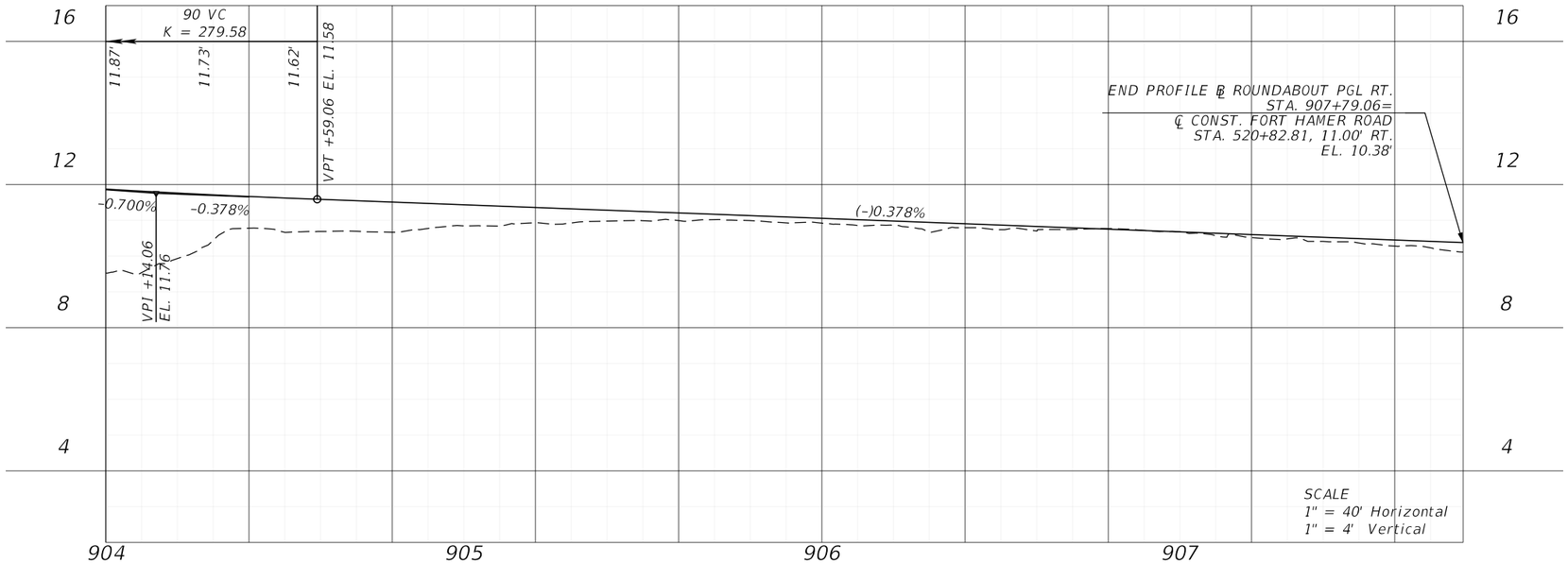
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY PROFILE (13)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		62
					FORT HAMER	MANATEE	452856-1-34-01		

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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Diego.Monsalve 9/26/2025 2:10:34 PM



℄ ROUNDABOUT PGL LT



℄ ROUNDABOUT PGL RT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

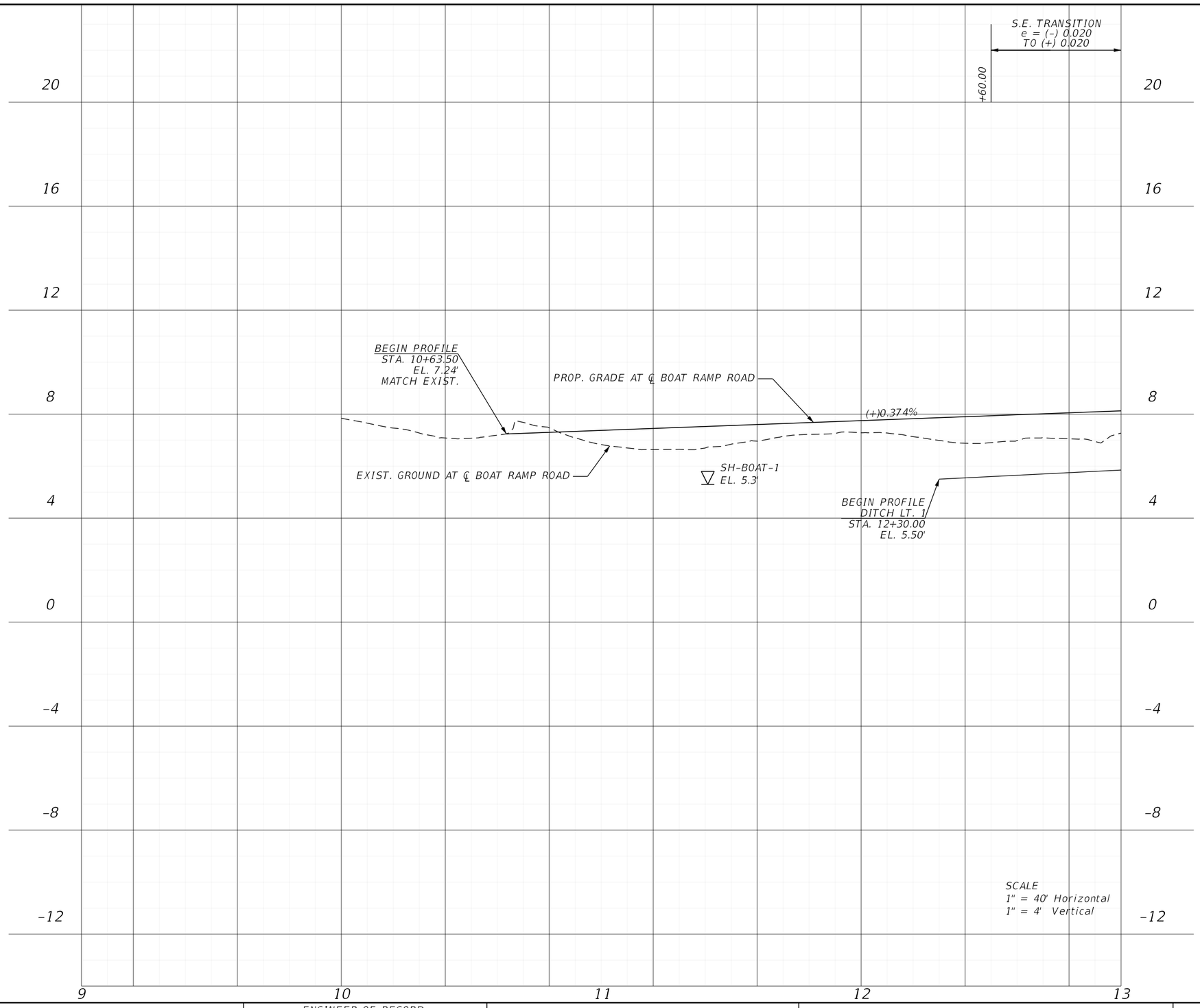
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (14)

SHEET NO. 63

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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Diego.Monsalve 9/26/2025 2:10:35 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

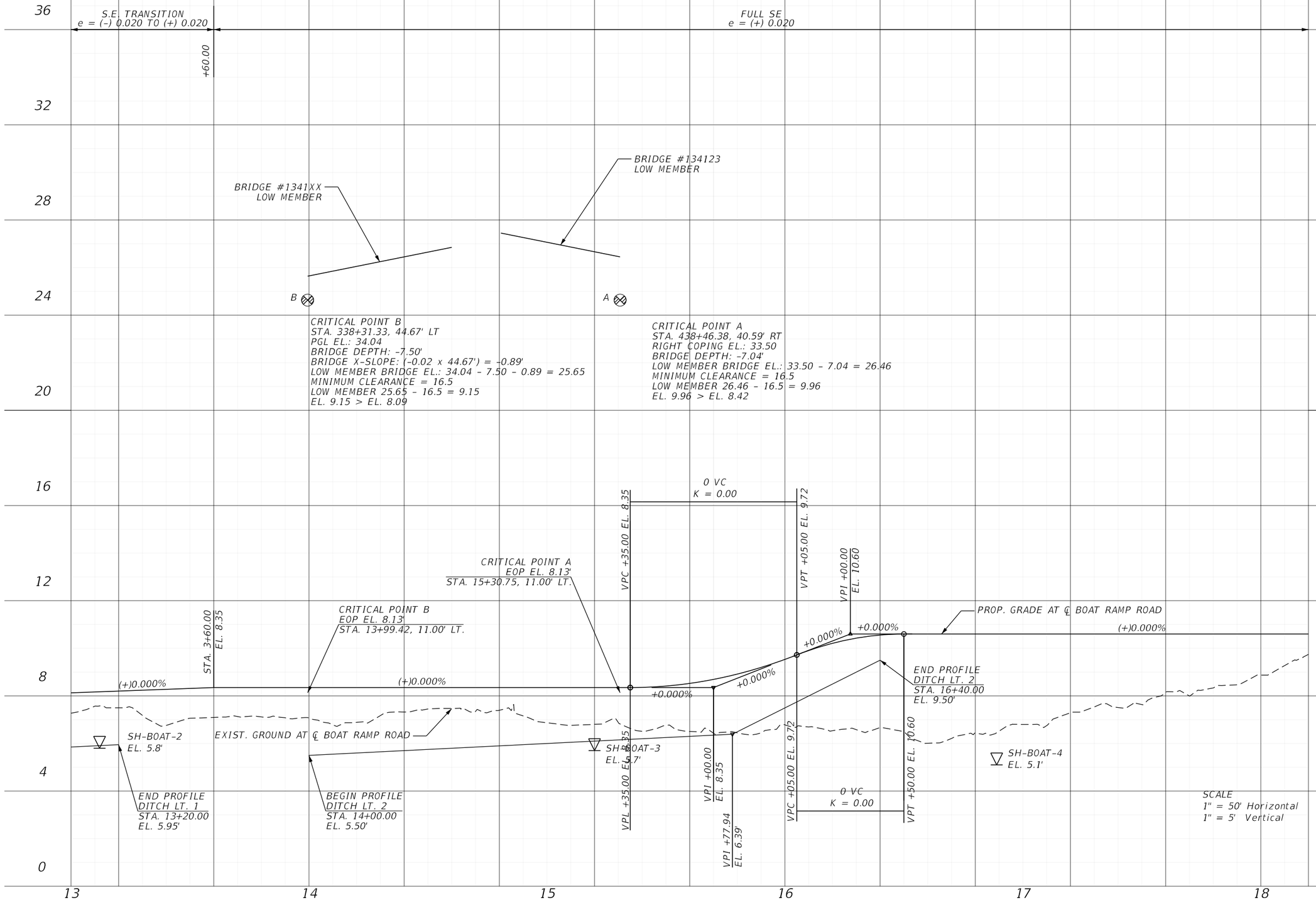
ROADWAY PROFILE (15)

BOAT RAMP ROAD

SHEET NO. 64

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

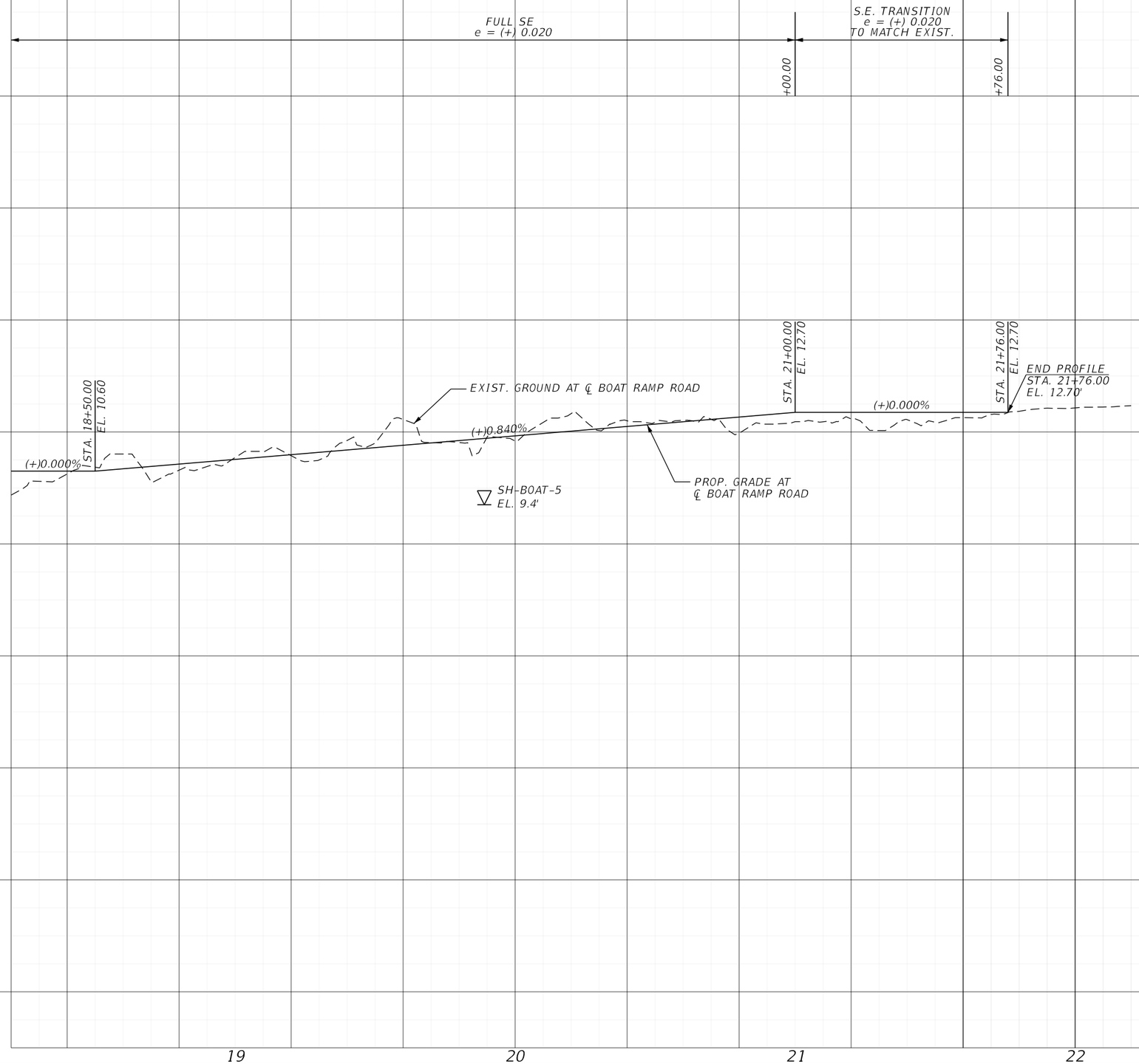
c:\pw\kh1\d0448268\PROFRD05.dgn : PGL LT1 - BRR-1 [SHEET]
Diego.Monsalve 9/26/2025 2:09:22 PM



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY PROFILE (16)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	BOAT RAMP ROAD	65
					FORT HAMER	MANATEE	452856-1-34-01		

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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Diego.Monsalve 9/26/2025 2:09:22 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

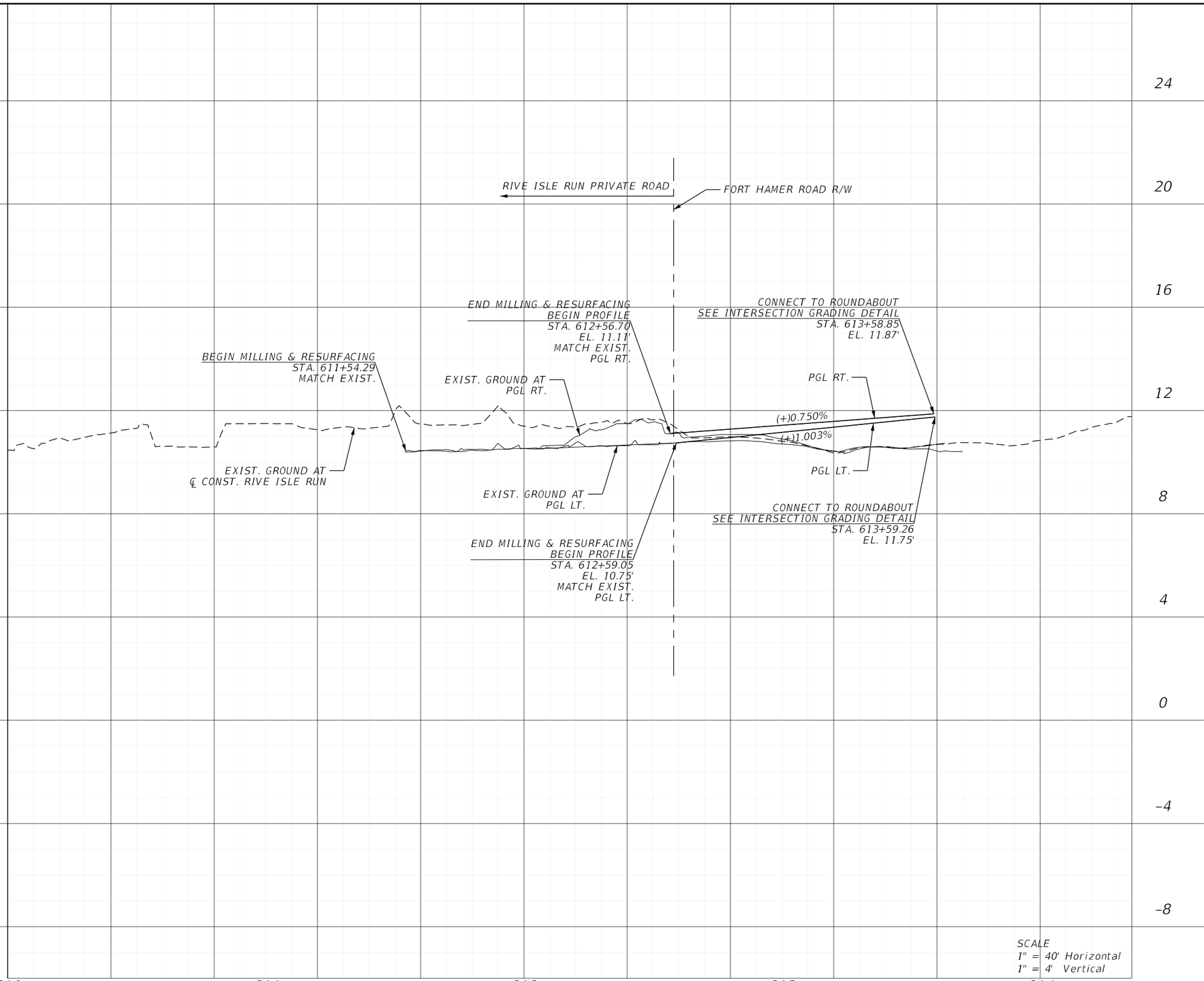
ROADWAY PROFILE (17)

BOAT RAMP ROAD

SHEET NO. 66

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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Diego.Monsalve 9/26/2025 2:09:23 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

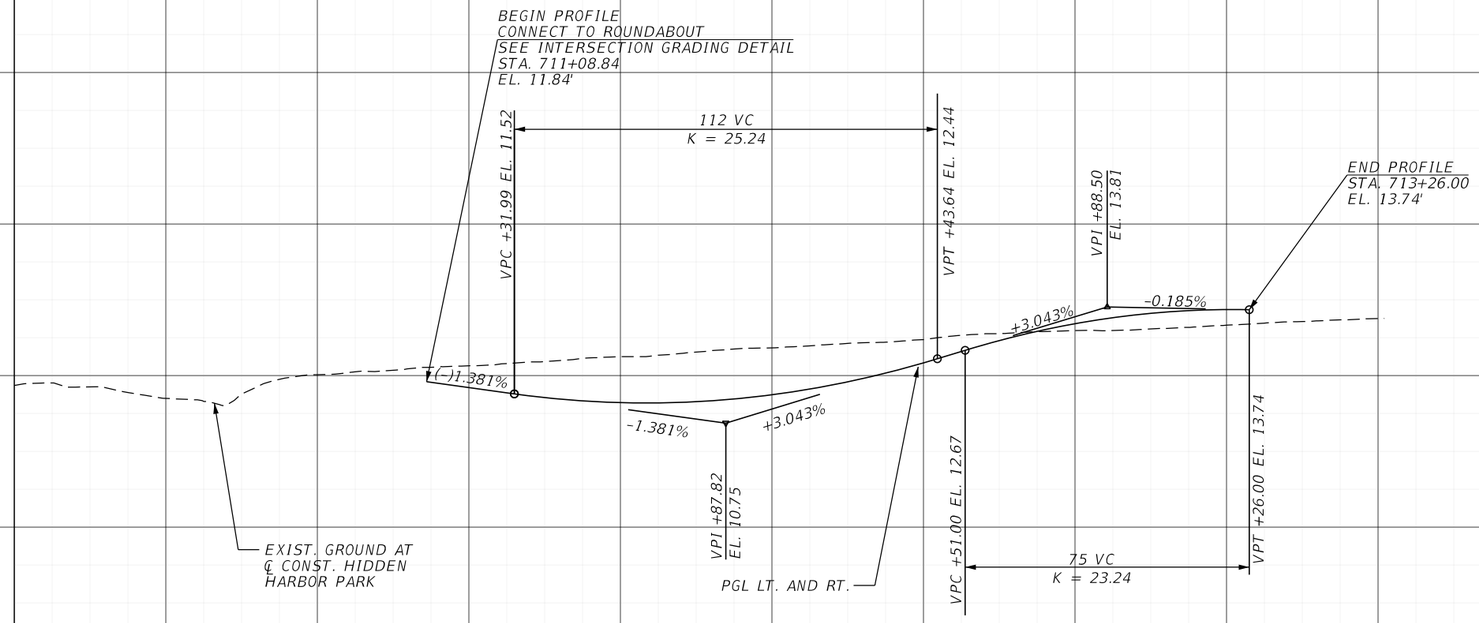
ROADWAY PROFILE (18)

RIVE ISLE RUN

SHEET NO. 67

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

c:\pw\kh1\d0448268\PROFRD01.dgn : CLRIVEISLERUN - CLRIVEISLERUN [SHEET]
Diego.Monsalve 9/26/2025 2:10:14 PM



SCALE
1" = 40' Horizontal
1" = 4' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

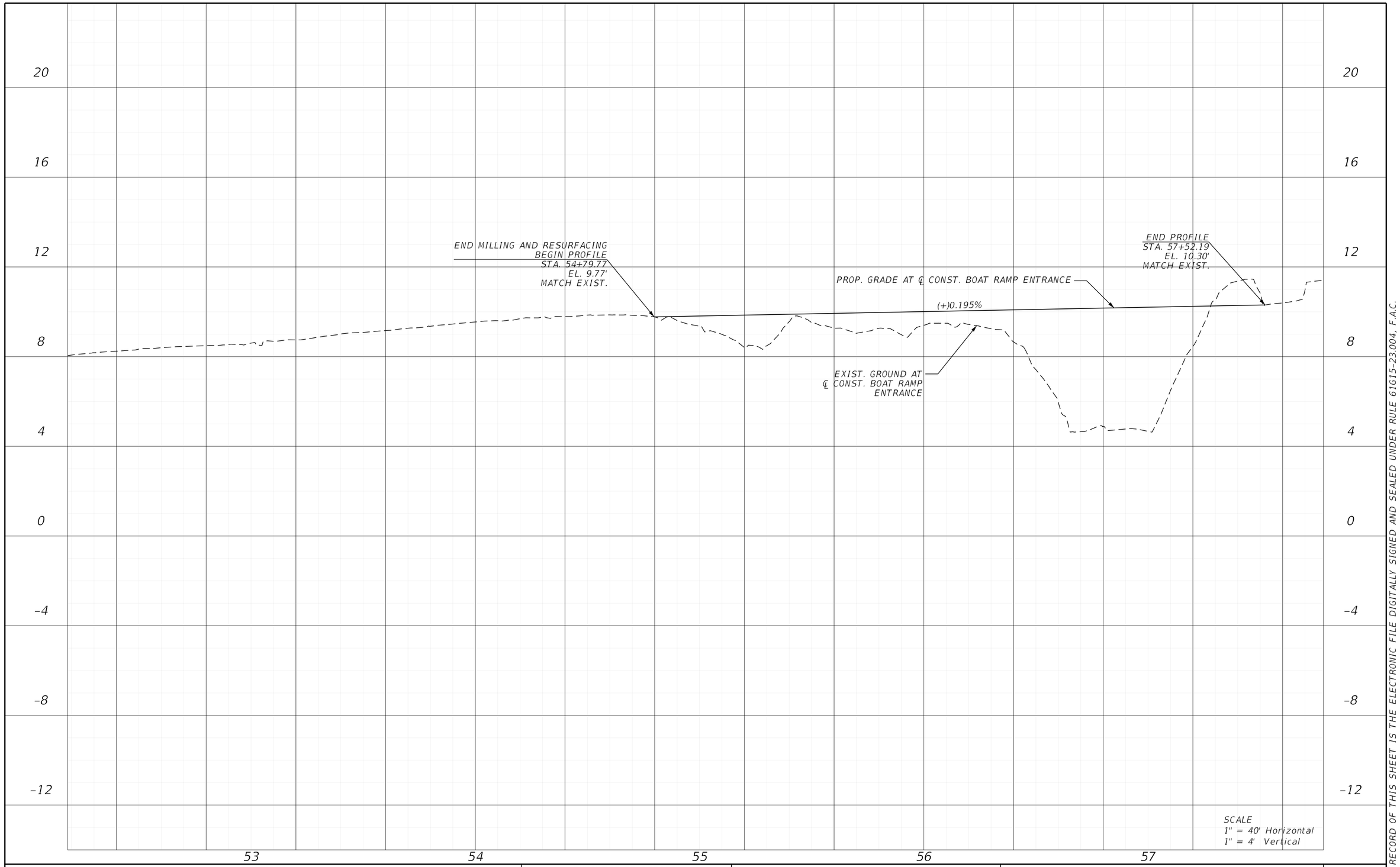
ROADWAY PROFILE (19)

HIDDEN HARBOR PARK

SHEET NO. 68

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

c:\pw\kh1\d0448268\PROFRD01.dgn : CLHIDDENHARBORPARK - PROFILE 1 [SHEET]
Diego.Monsalve 9/26/2025 2:10:15 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY PROFILE (20)

BOAT RAMP ENTRANCE

SHEET NO. 69

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

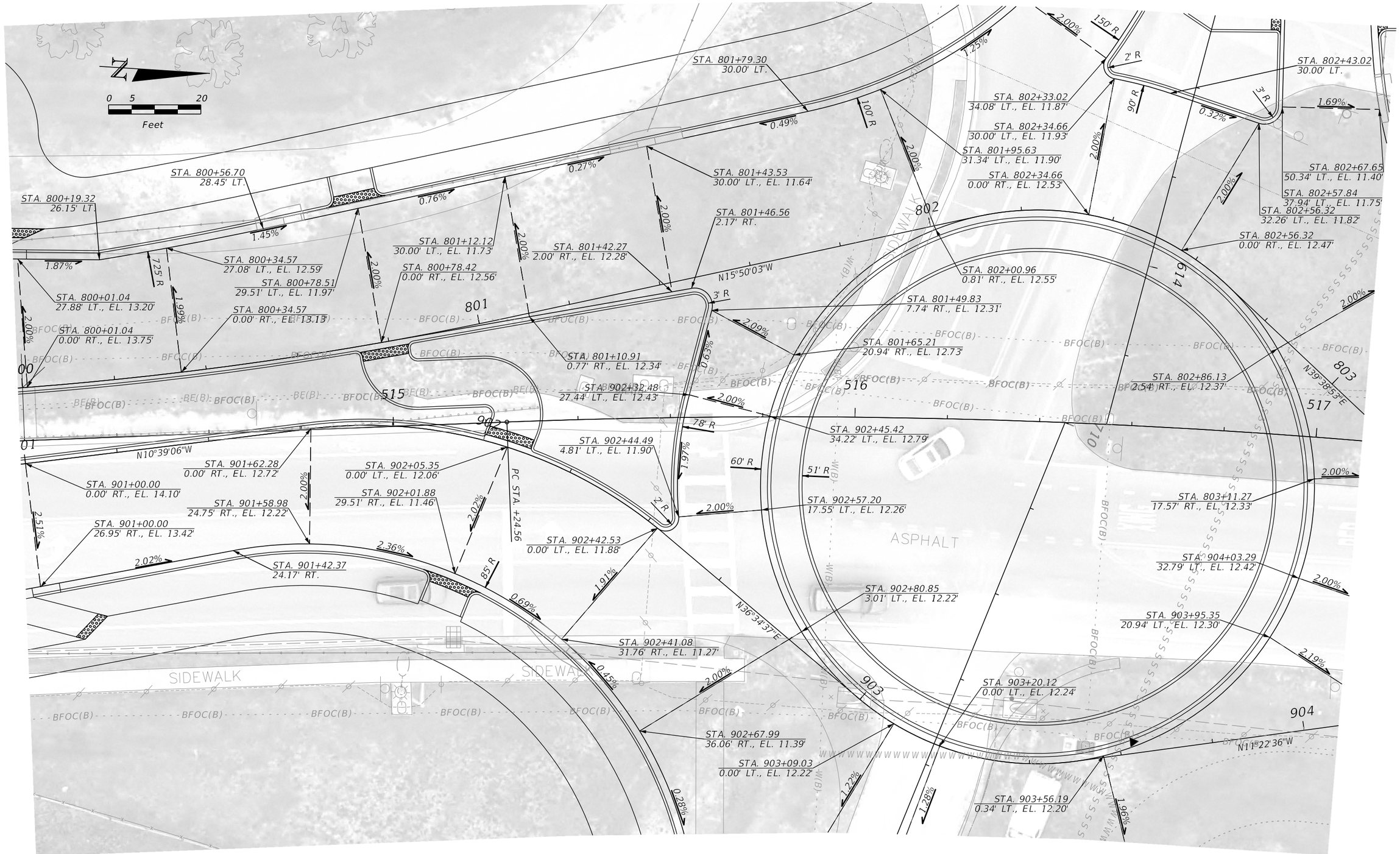
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Diego.Monsalve 9/26/2025 2:10:15 PM

RIVE ISLE RUN
R 200'
S18°46'27"E
℄ CONST. RIVE ISLE RUN
CR-E
STA. 613+34.00
10.22' LT.
STA. 613+43.73
12.53' LT.
EXIST. R/W
EXIST. 20' LANDSCAPE BUFFER EASEMENT
EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT
PI STA. 518+74.26
0 10 40
Feet
STA. 613+42.70
12.34' RT.
STA. 613+32.86
10.17' RT.
STA. 613+36.54
0.42' LT.
STA. 613+46.98
0.01' RT.
STA. 800+85.50
5.37' RT.
STA. 800+99.25
7.54' RT.
STA. 800+83.79
3.37' RT
STA. 901+85.48
4.56' LT.
STA. 800+73.84
3.34' RT.
STA. 901+98.43
7.55' LT.
N15°50'03"W
N39°34'37"E
STA. 803+69.07
3.93' RT.
STA. 803+59.43
3.35' RT.
R 12'
STA. 902+00.83
5.37' LT.
N10°39'06"W
℄ CONST. FORT HAMER ROAD
ASPHALT
FORT HAMER ROAD
STA. 803+71.39
6.11' RT.
STA. 803+84.94
3.95' RT.
CURVE 8
N04°41'03"W
STA. 902+10.33
4.62' LT.
PC STA. 515+24.56
N36°34'37"E
STA. 904+61.78
9.38' LT.
STA. 904+87.21
3.57' LT.
STA. 904+75.71
5.83' LT.
N11°22'36"W
STA. 904+77.21
3.83' LT.
STA. 711+24.54
2.10' RT.
STA. 711+23.07
6.59' RT.
STA. 711+24.68
11.15' RT.
STA. 711+34.74
3.10' RT.
STA. 711+34.36
8.54' RT.
STA. 711+33.63
6.47' RT.
HIDDEN HARBOR PARK
3,800 L.F.
FENCING
33
ALL PARTIAL STATION/OFFSET CALLOUTS REFER TO ℄ CONST. FORT HAMER ROAD

CURVE 8 DATA
PI STA. = 518+74.26
Δ = 25°46'54" (RT)
D = 03°44'59"
T = 349.70
L = 687.56
R = 1,528.00
PC STA. = 515+24.56
PT STA. = 522+12.12
e = NA

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

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			INTERSECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		70
					FORT HAMER	MANATEE	452856-1-34-01		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

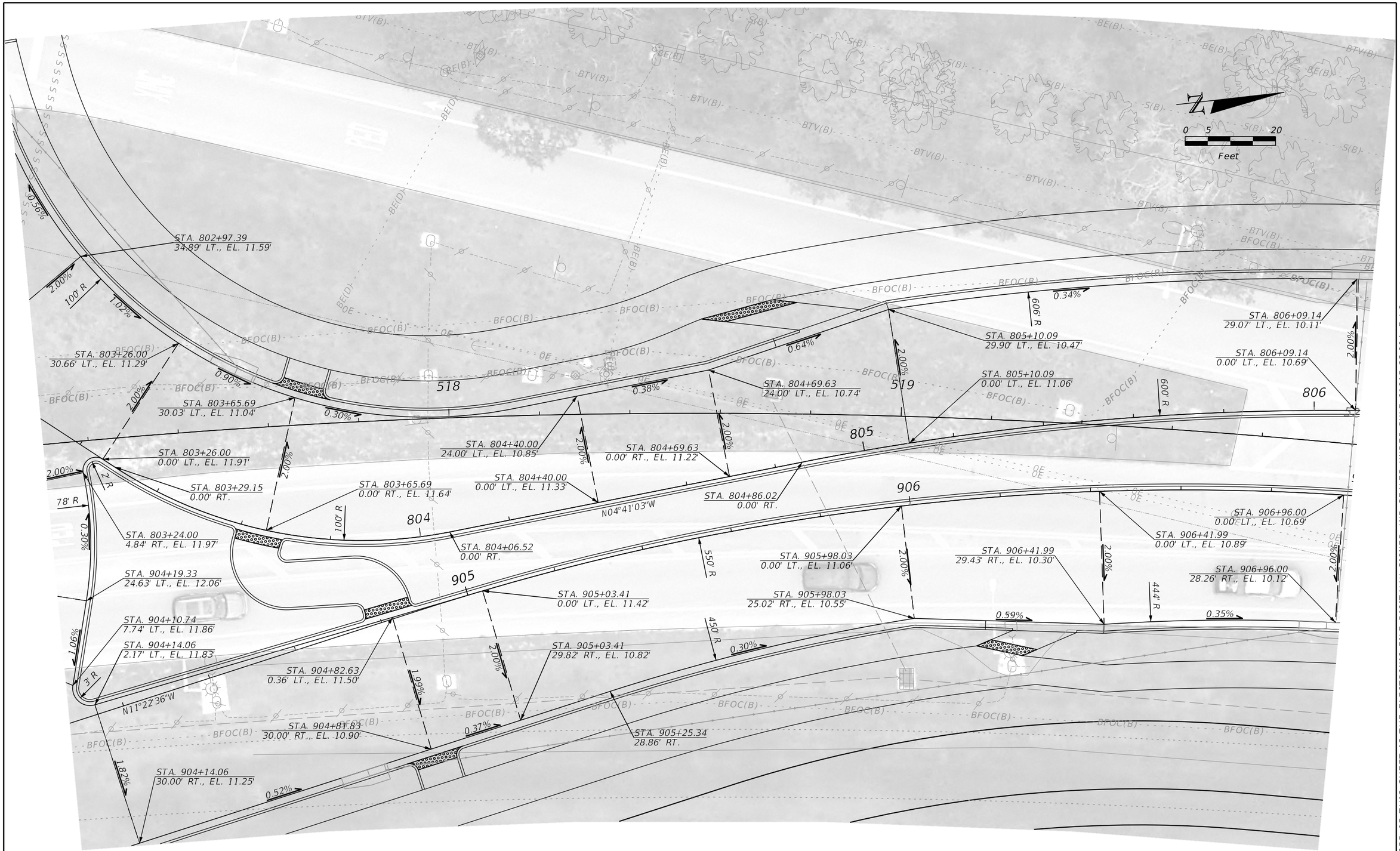
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

INTERSECTION DETAIL (GRADING 1)

SHEET NO. 71

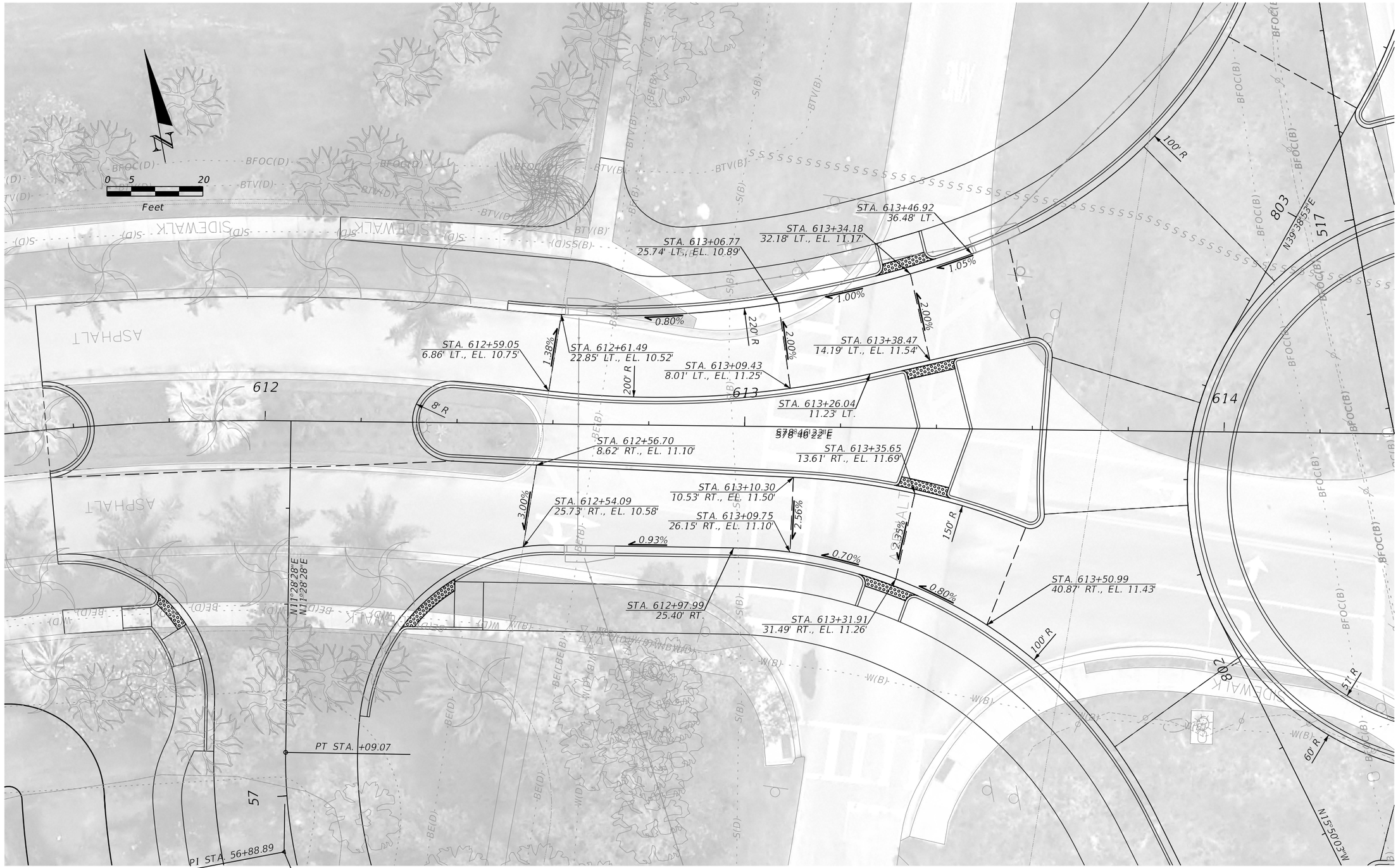
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

c:\pw\kh1\d0448268\PLANRD02.dgn : INTERSECTION GRADING DETAIL - PLAN 1 [SHEET]
mason.hoke 9/25/2025 5:48:01 PM



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			INTERSECTION DETAIL (GRADING 2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		72
					FORT HAMER	MANATEE	452856-1-34-01		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

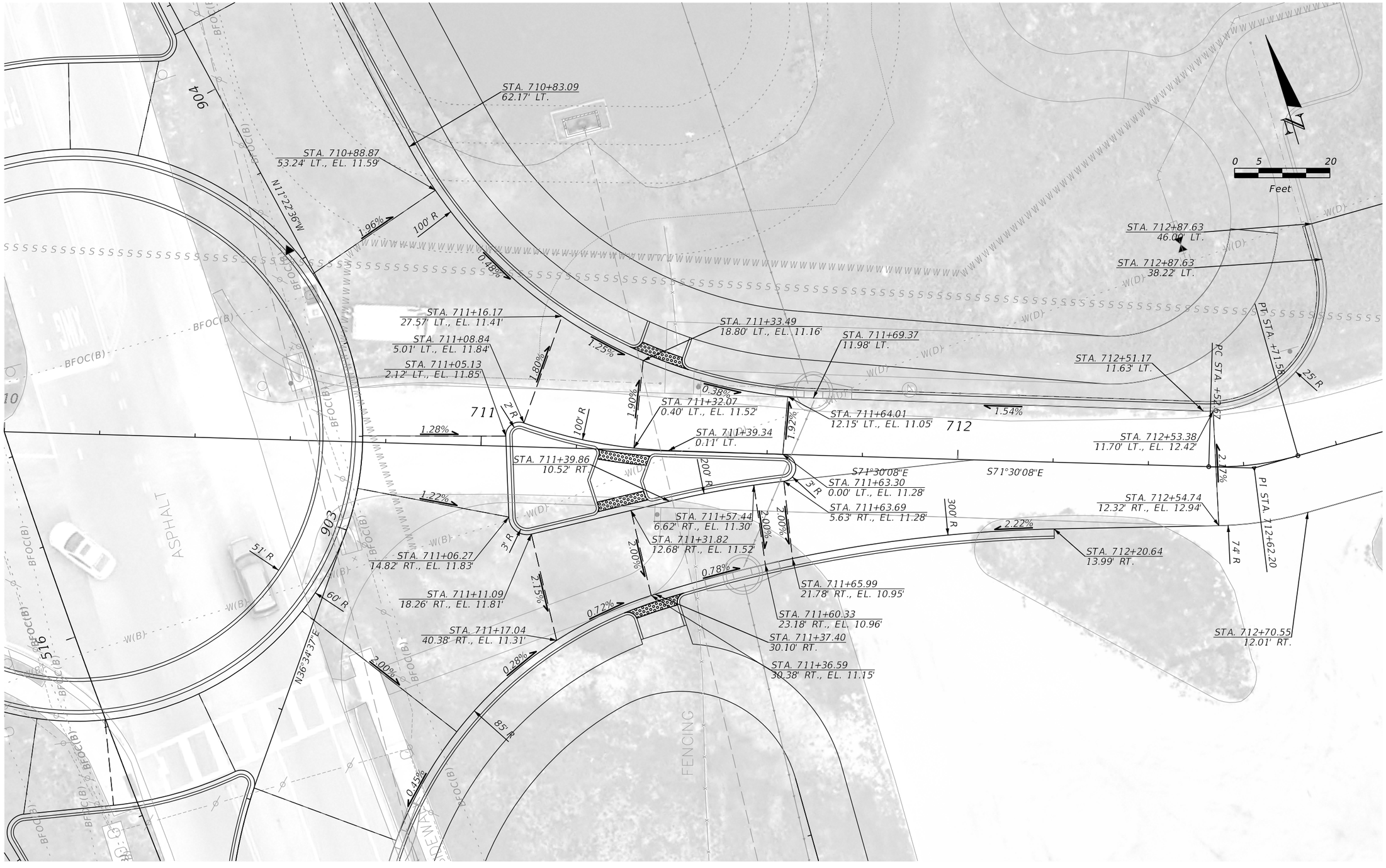
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

INTERSECTION DETAIL (GRADING 3)

SHEET NO. 73

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

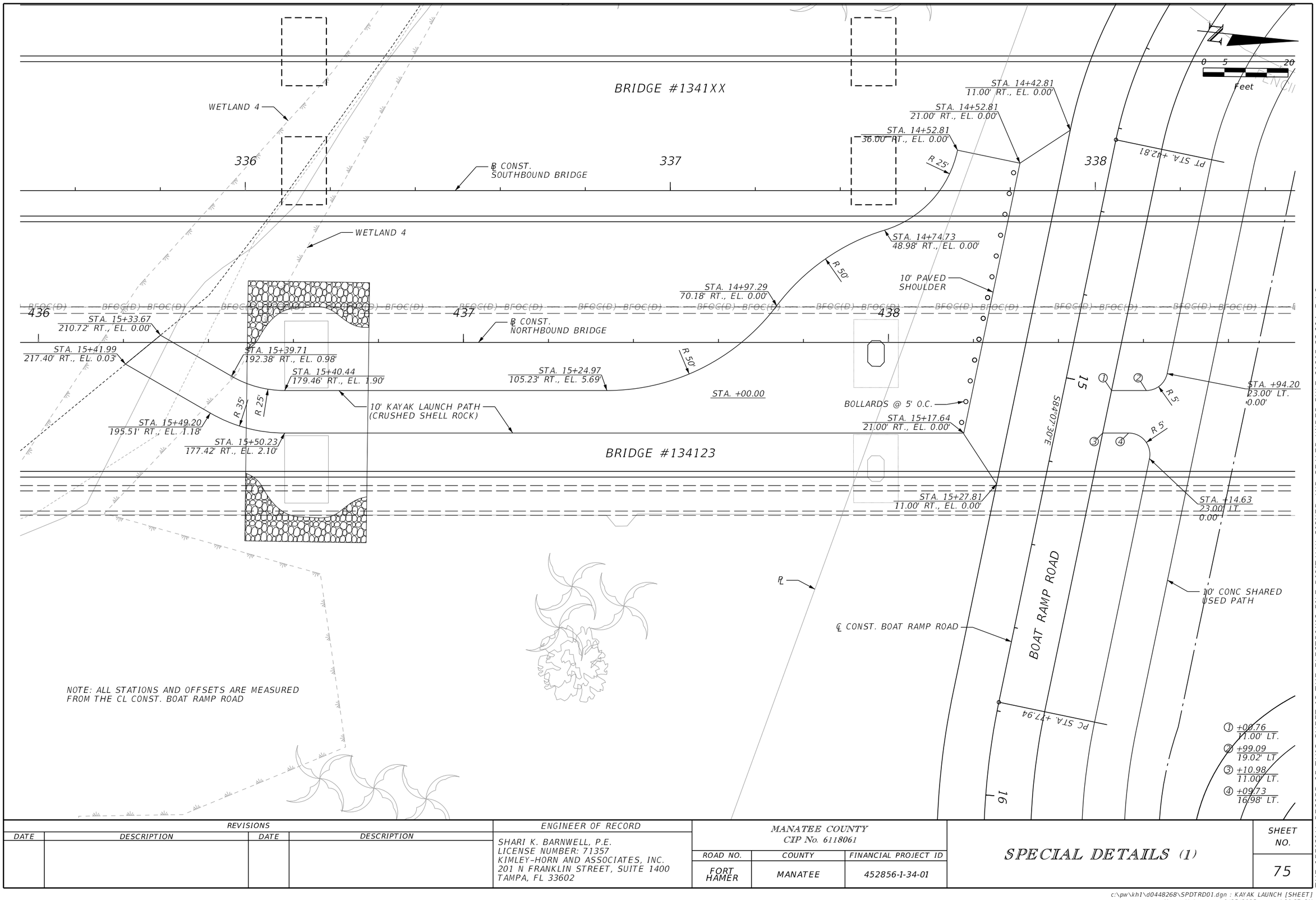
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

INTERSECTION DETAIL (GRADING 4)

SHEET NO. 74

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c:\pw\kh1\d0448268\PLANRD02.dgn : INTERSECTION GRADING DETAIL – PLAN 4 [SHEET]
mason.hoke 9/25/2025 5:56:21 PM



NOTE: ALL STATIONS AND OFFSETS ARE MEASURED FROM THE CL CONST. BOAT RAMP ROAD

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

SPECIAL DETAILS (1)

SHEET NO. 75

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c:\pw\kh1\d0448268\SPDTRD01.dgn : KAYAK LAUNCH [SHEET]
Mason.Hoke 9/25/2025 4:29:37 PM

POND 2C

SHELL

ASPHALT

FENCING

0 5 20
Feet

+75.50
51.31' LT.
+73.52
50.97' LT.

TYPE D CURB

SAWCUT AND REMOVE
EXIST. CURB AND GUTTER

BEGIN CONSTRUCTION
℄ CONST. BOAT RAMP ROAD
STA. 10+42.00

R 70'

+10.68
49.34' LT.

R 20'

+30.35
33.00' LT.
+24.55
19.42' LT.
+27.55
23.00' LT.

+11.00
30.07' LT.
+14.55
22.43' LT.
+14.55
19.42' LT.

R 10'

R 3'

R 50'

+29.05
11.00' LT.

CR-E

10' CONCRETE
SHARED USE PATH

PT STA 12+18.38

CURVE 10

10 11 12

S59°42'22"E

N16°13'28"E

52

+62.86
0.92' RT.

R 50'

+14.55
11.00' RT.

+24.55
11.00' RT.

R 3'

R 5'

+24.55
17.50' RT.

℄ CONST. BOAT RAMP ROAD

PC STA. +86.85

+14.55
14.00' RT.

+19.55
22.50' RT.

PT STA +47.94

S24°4?

R 33'

+85.19
11.00' RT.

5.5' CONCRETE SIDEWALK

+42.00
32.04' RT.

+43.66
33.15' RT.

BEGIN CONC. SIDEWALK
+48.81, 36.65' RT.

SIDEWALK

+75.63
22.50' RT.

TYPE D CURB

EXIST. R/W

EXIST.
POND 3A

℄ CONST. BOAT
RAMP ENTRANCE

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

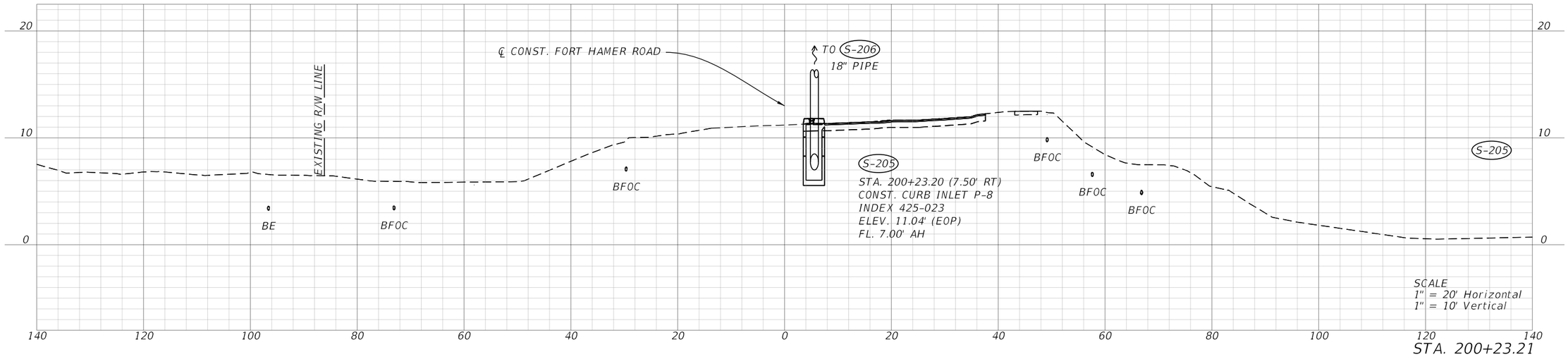
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

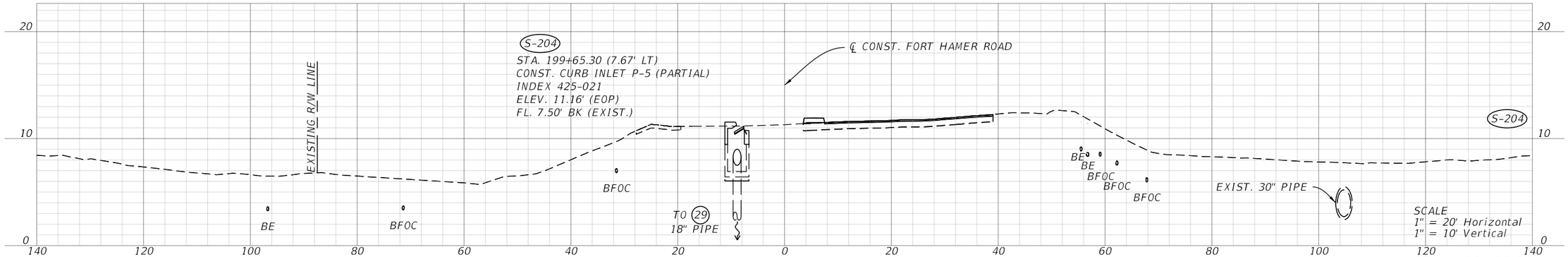
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

SPECIAL DETAILS (2)

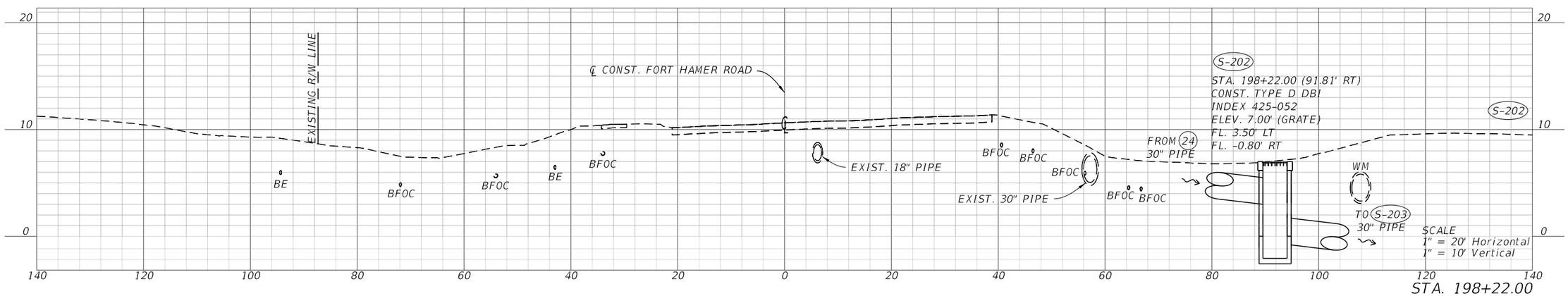
SHEET NO. 76



STA. 200+23.21



STA. 199+65.30

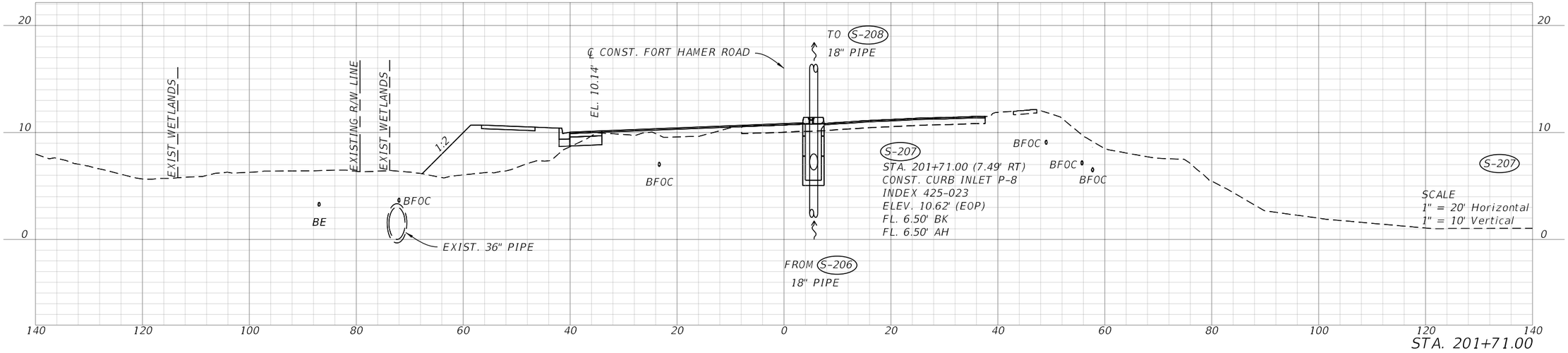


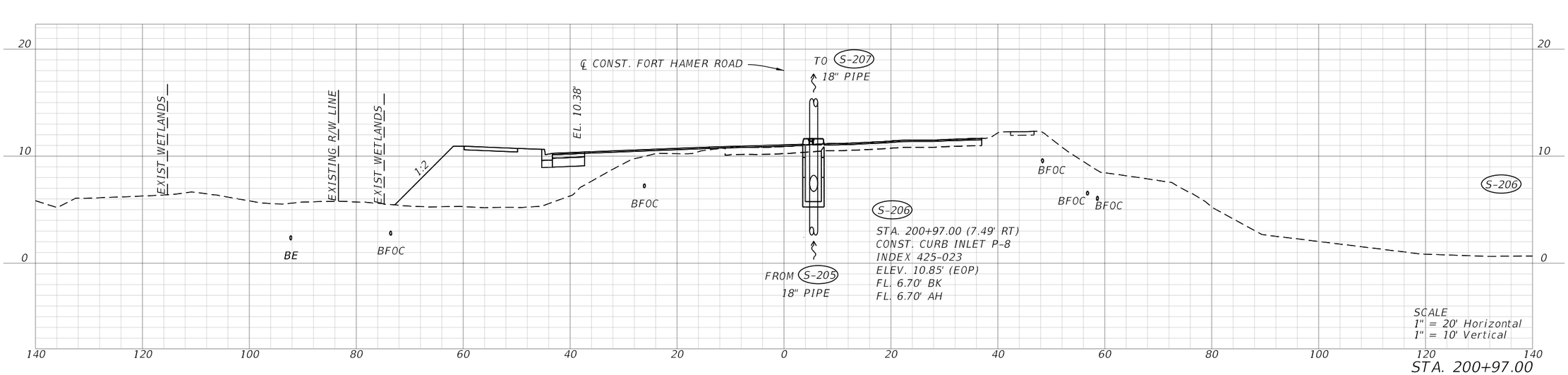
STA. 198+22.00

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		77
					FORT HAMER	MANATEE	452856-1-34-01		

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c:\pw\kh1\d0448293\RDXSRD_DrainageCrossSection_01.dgn : SHEET 1
Kaleigh.Cook 9/25/2025 5:25:10 PM

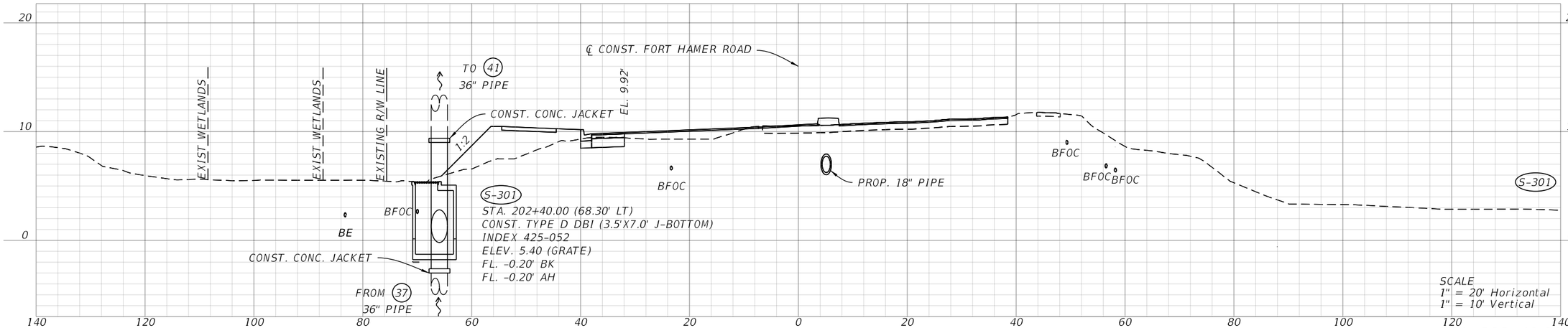




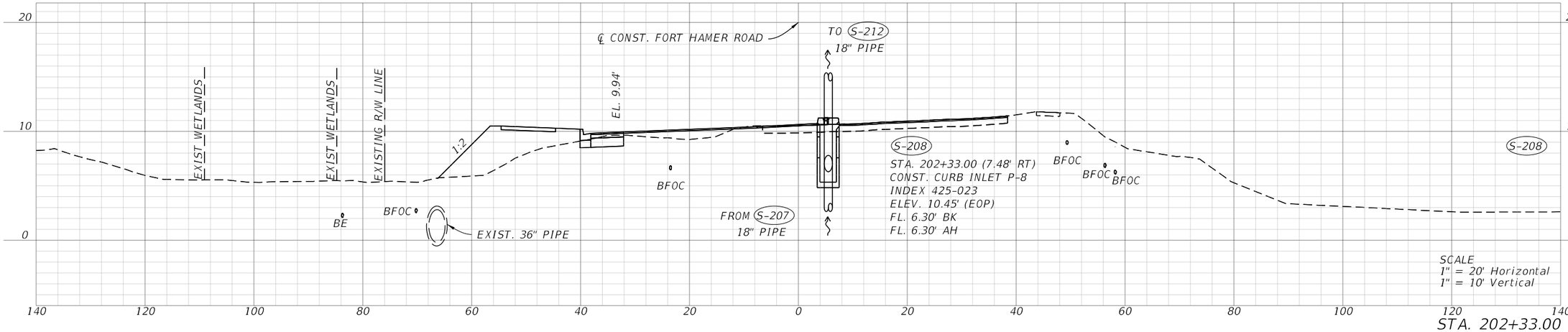
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		78
					FORT HAMER	MANATEE	452856-1-34-01		

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c:\pw\kh1\d0448293\RDXSRD_DrainageCrossSection_01.dgn : SHEET 2
Kaleigh.Cook 9/25/2025 5:25:24 PM



STA. 202+40.00



STA. 202+33.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

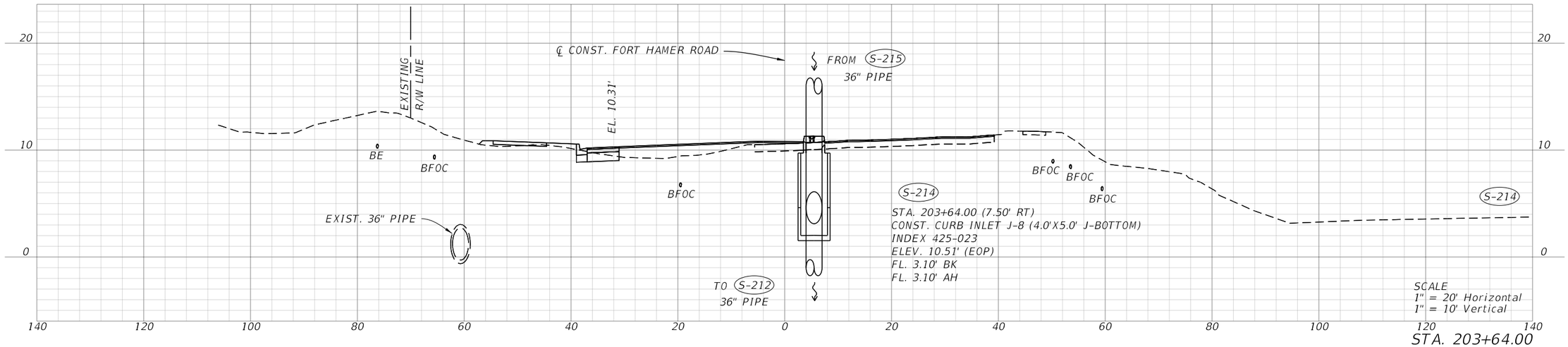
MANATEE COUNTY
CIP No. 6118061

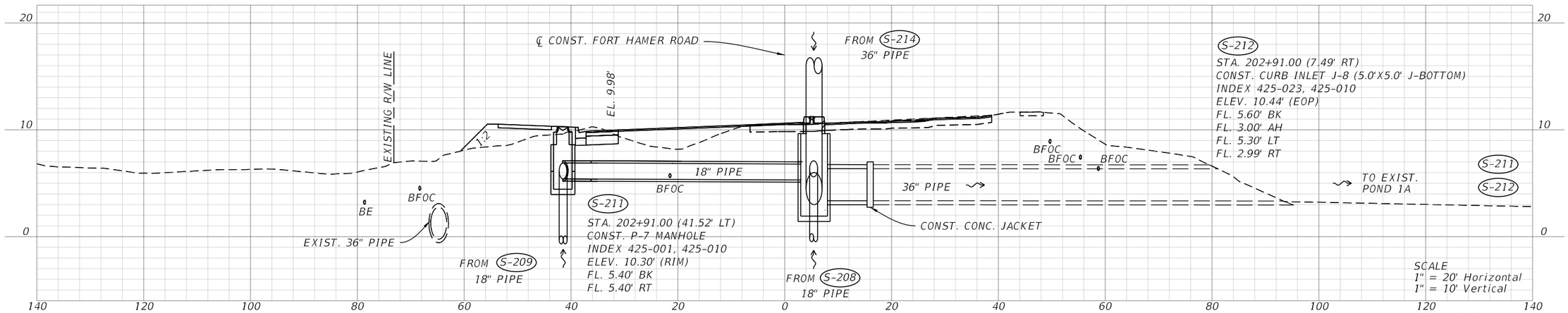
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

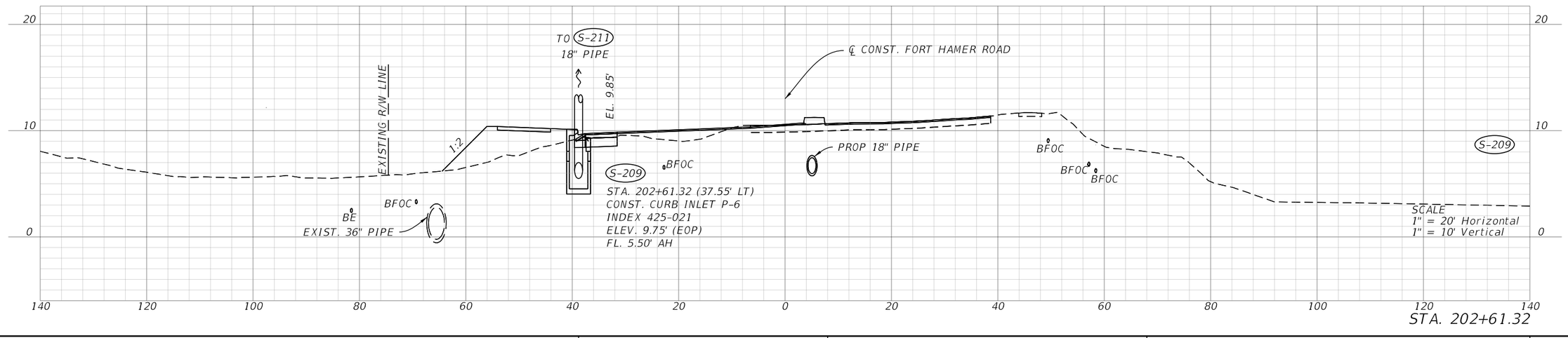
DRAINAGE STRUCTURE SECTIONS

SHEET NO.
79

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

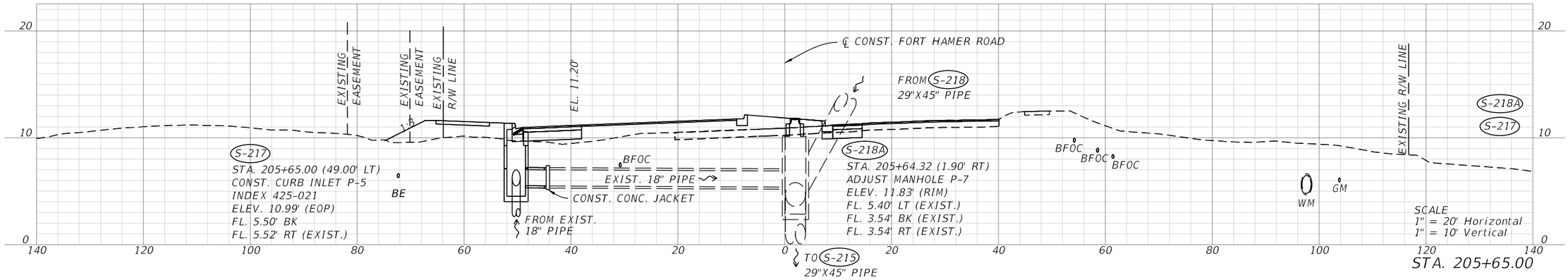
MANATEE COUNTY
CIP No. 6118061

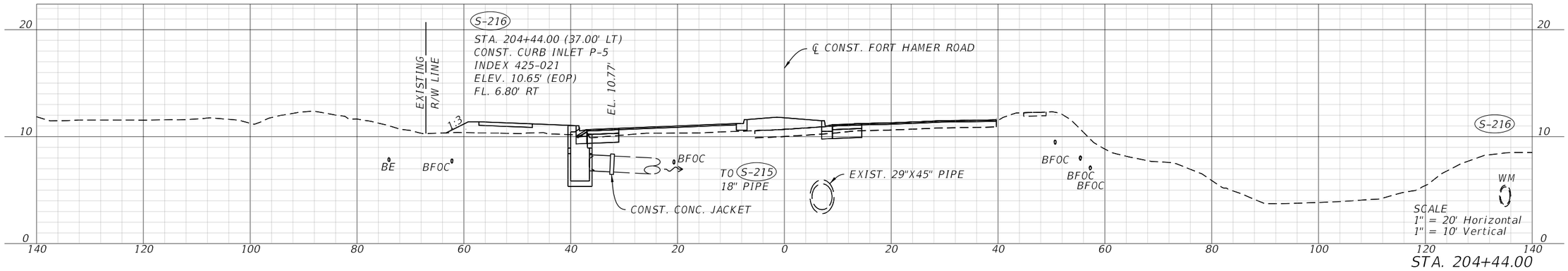
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

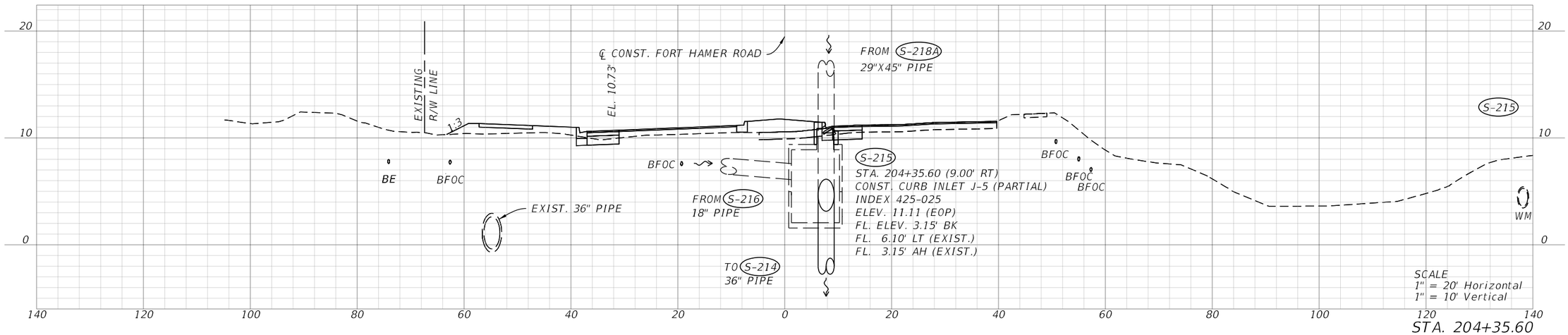
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 80

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

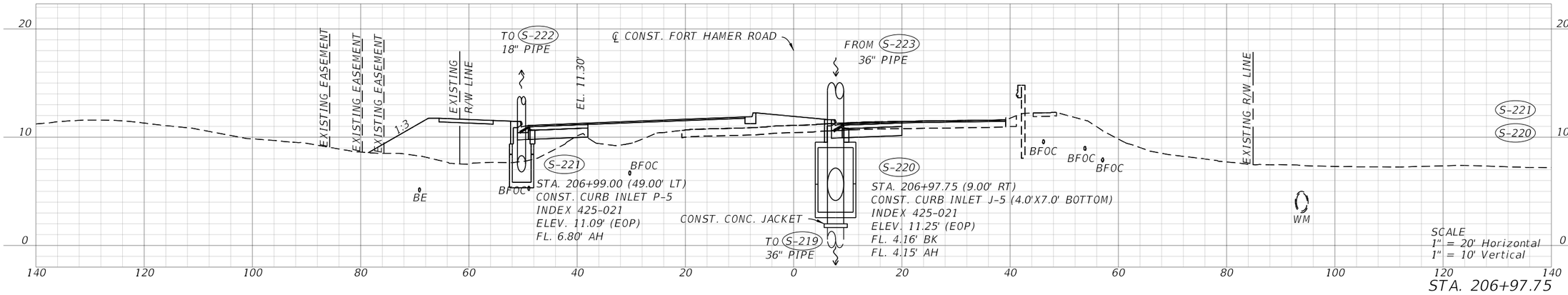
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

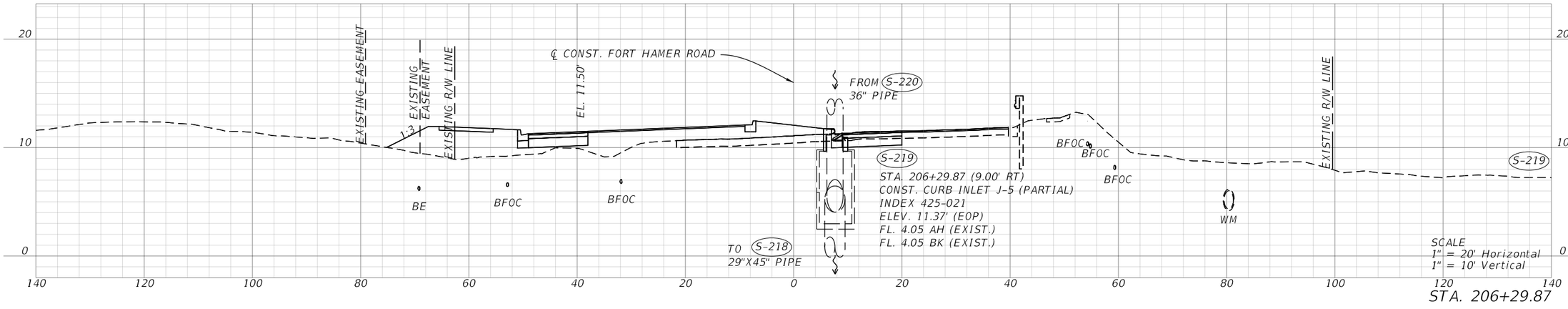
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 81

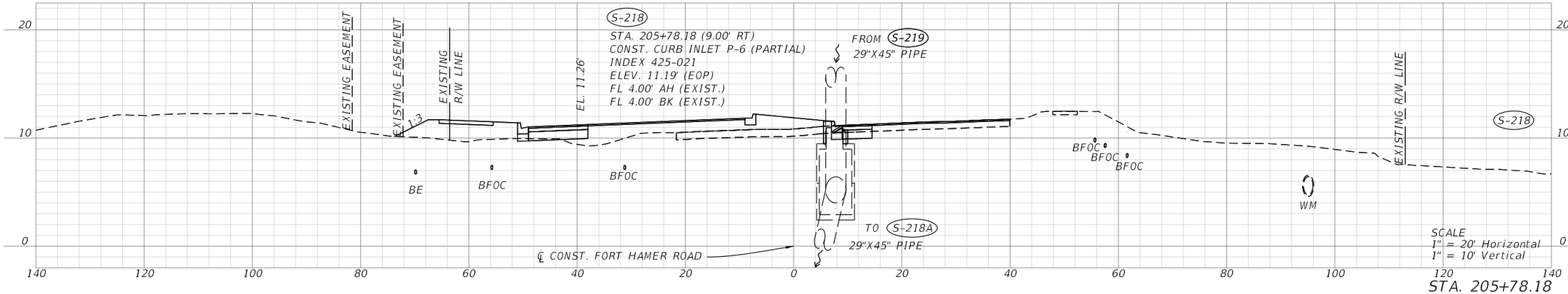
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



STA. 206+97.75



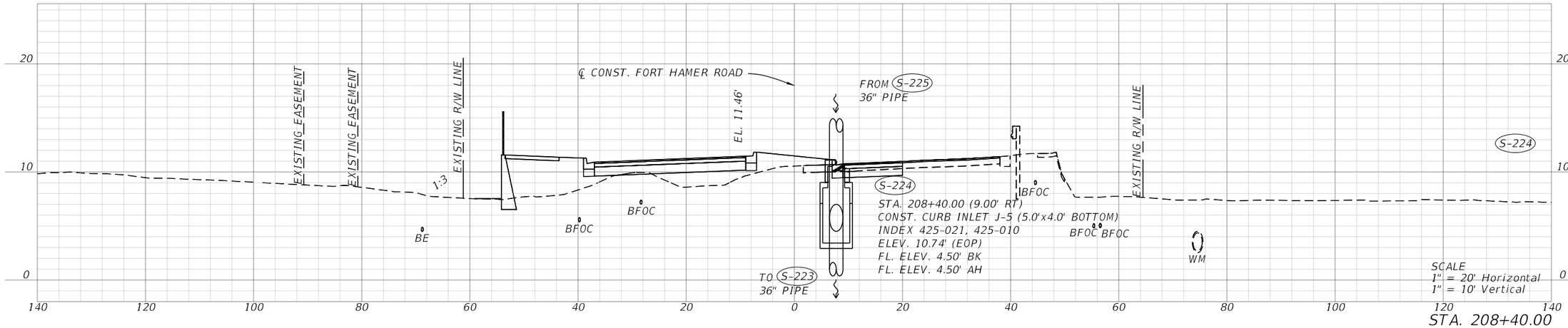
STA. 206+29.87



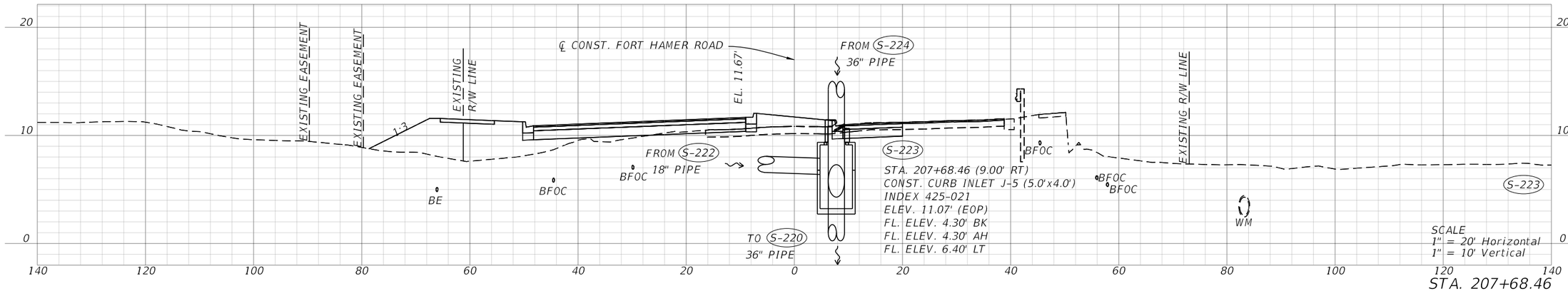
STA. 205+78.18

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		82
					FORT HAMER	MANATEE	452856-1-34-01		

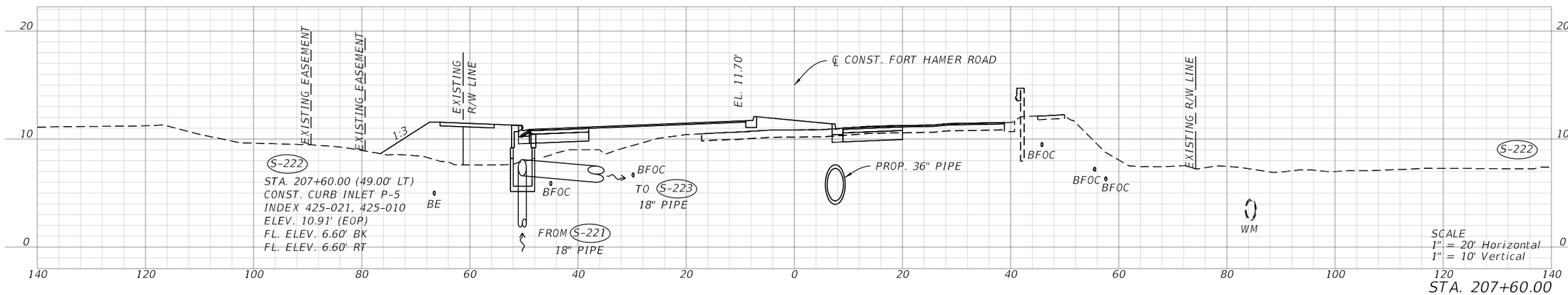
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



STA. 208+40.00



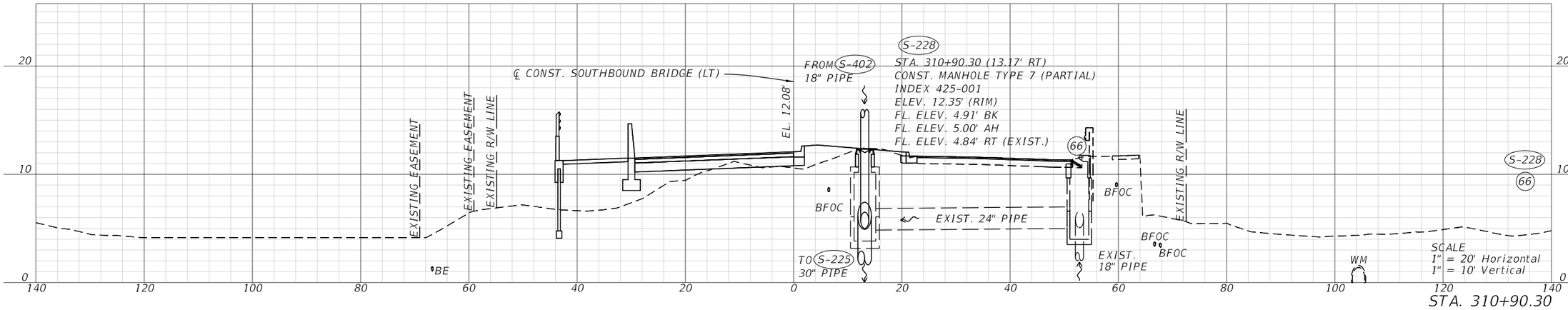
STA. 207+68.46

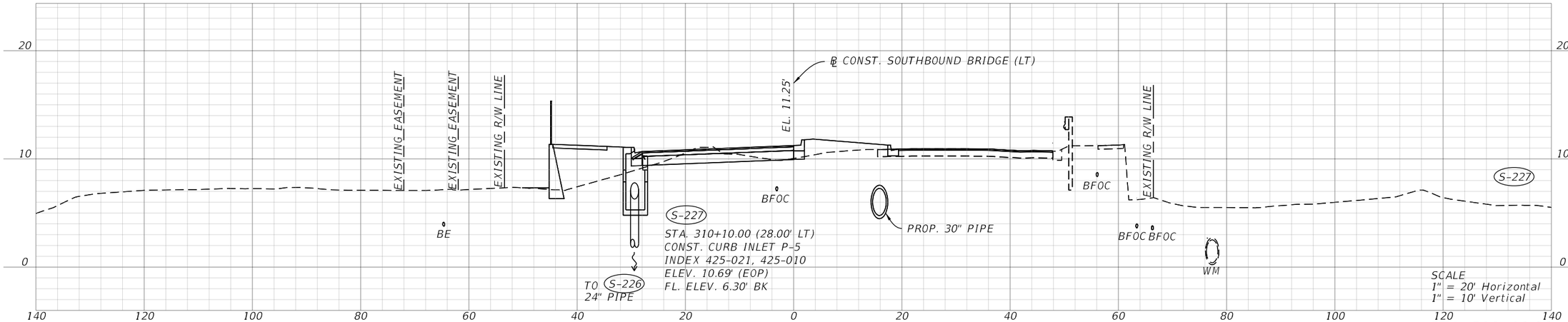


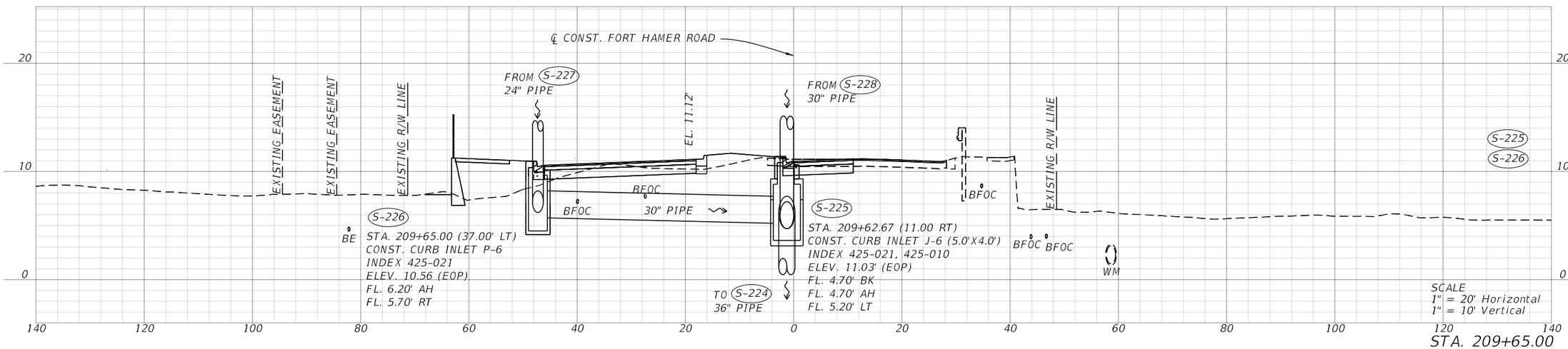
STA. 207+60.00

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		83
					FORT HAMER	MANATEE	452856-1-34-01		

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







REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

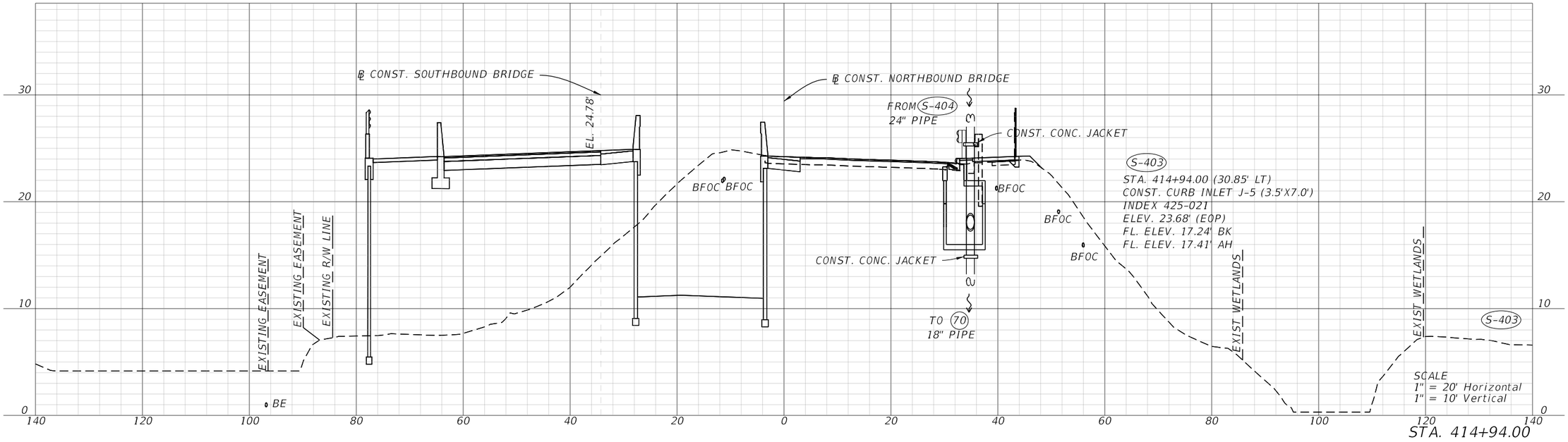
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

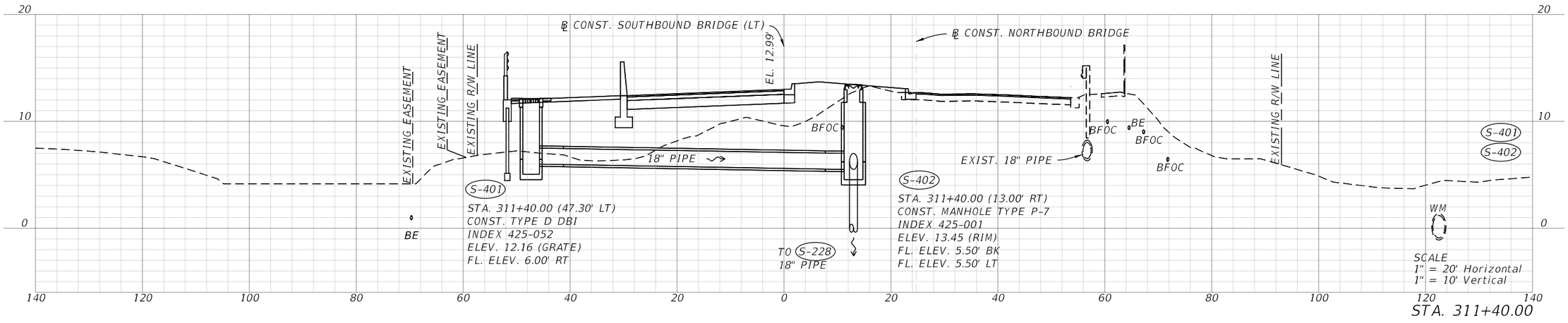
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 84

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

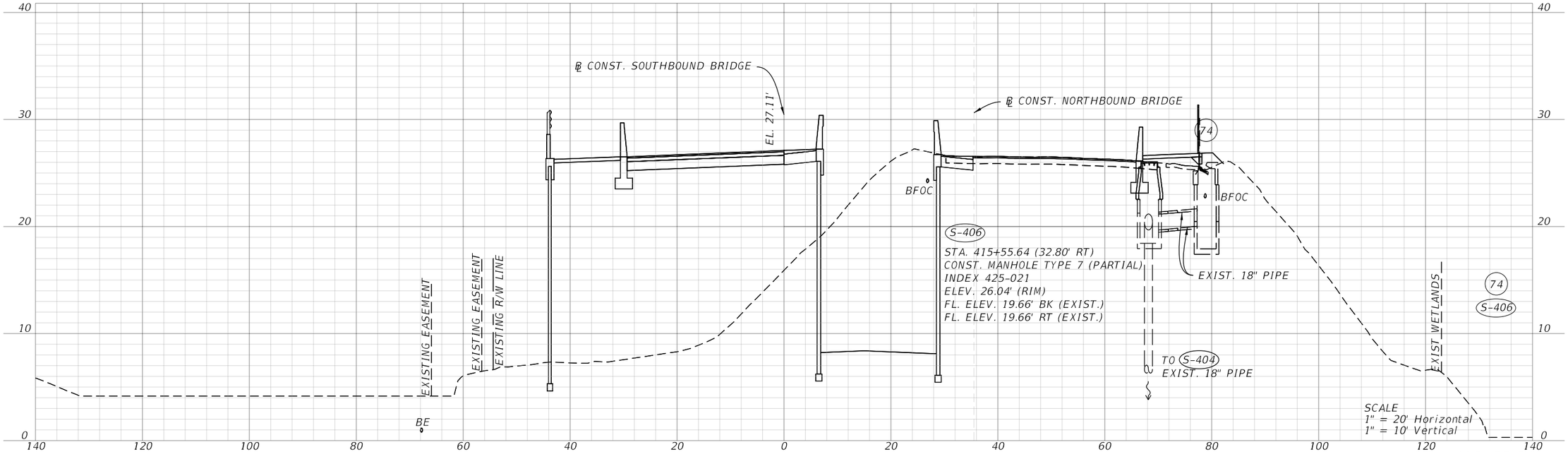
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Kaleigh.Cook 9/25/2025 5:26:06 PM



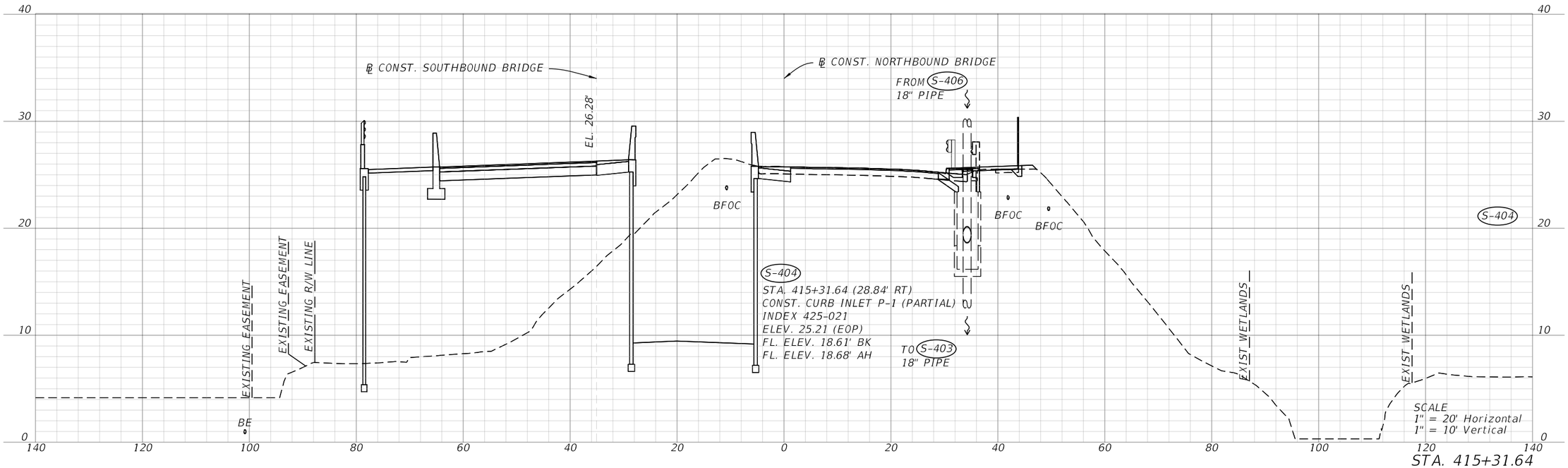


REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		85
					FORT HAMER	MANATEE	452856-1-34-01		

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



STA. 415+55.64

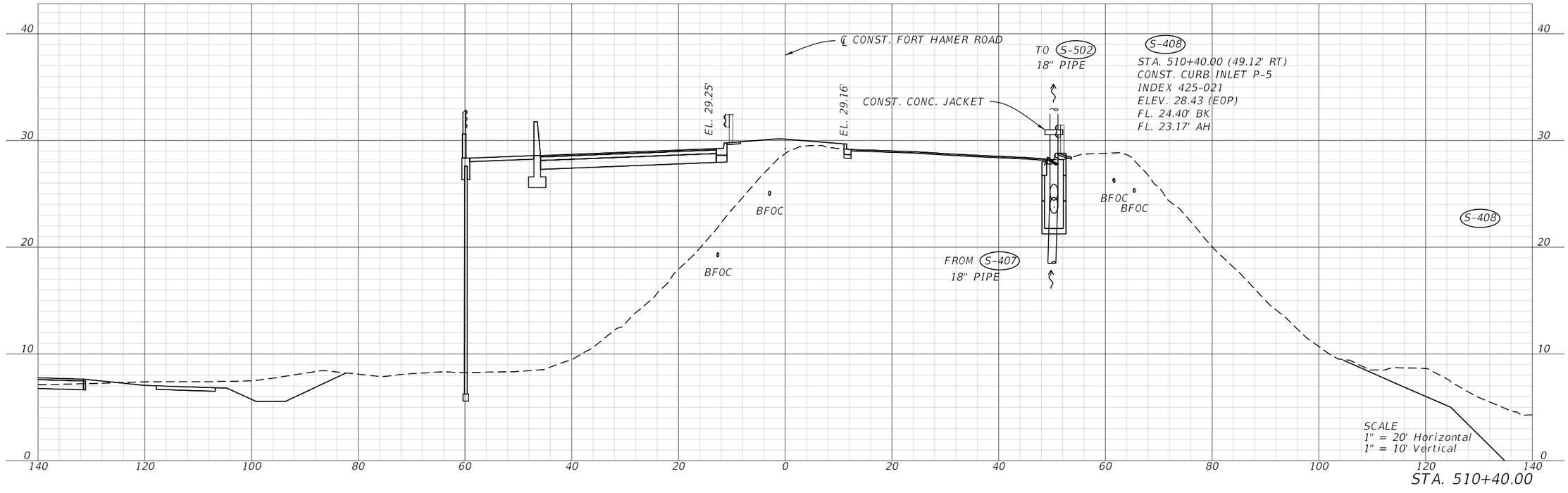


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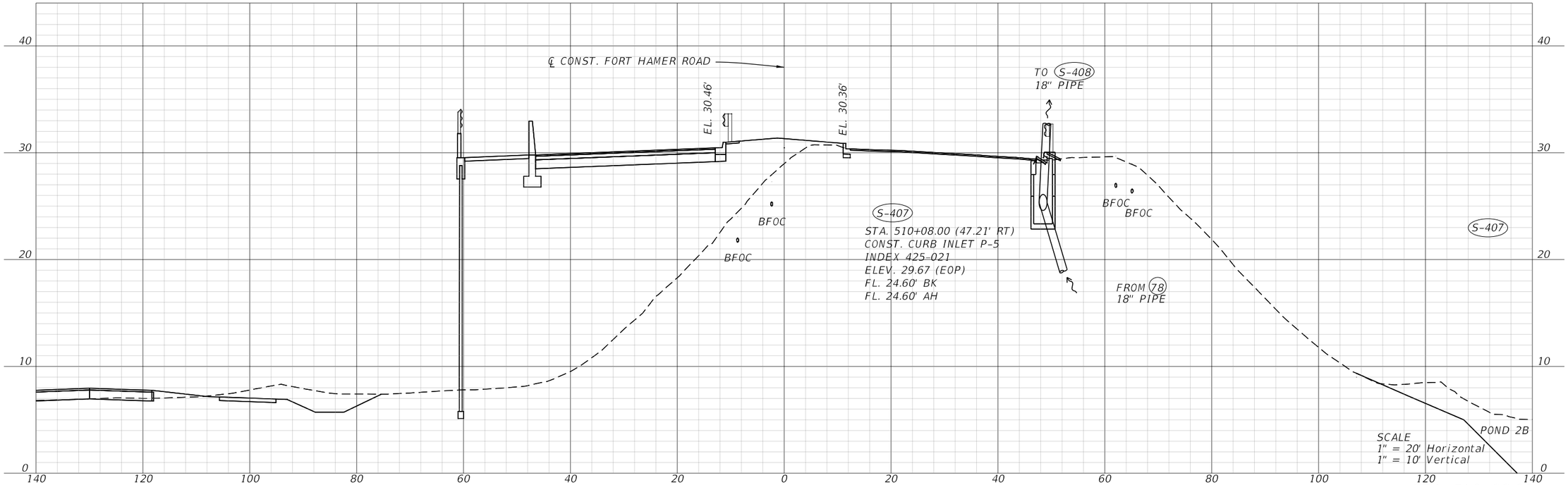
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		86
					FORT HAMER	MANATEE	452856-1-34-01		

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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Kaleigh.Cook 9/25/2025 5:25:19 PM



STA. 510+40.00

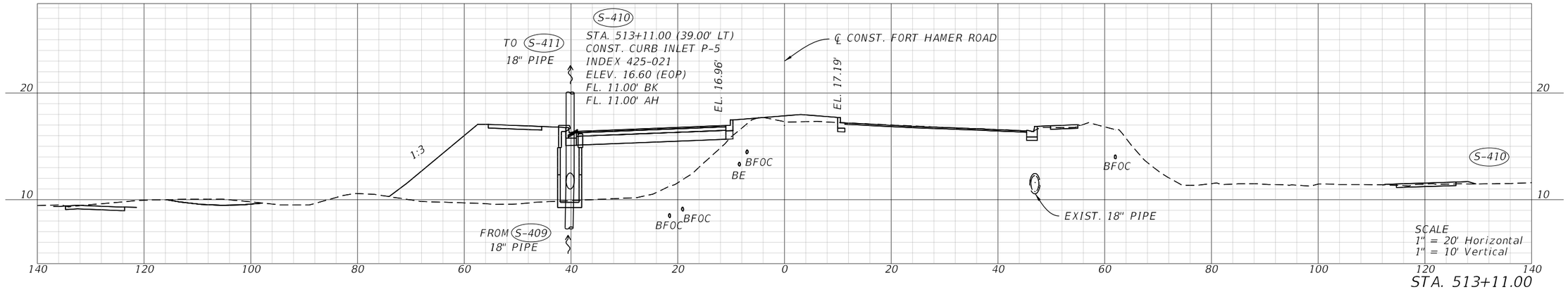


STA. 510+08.00

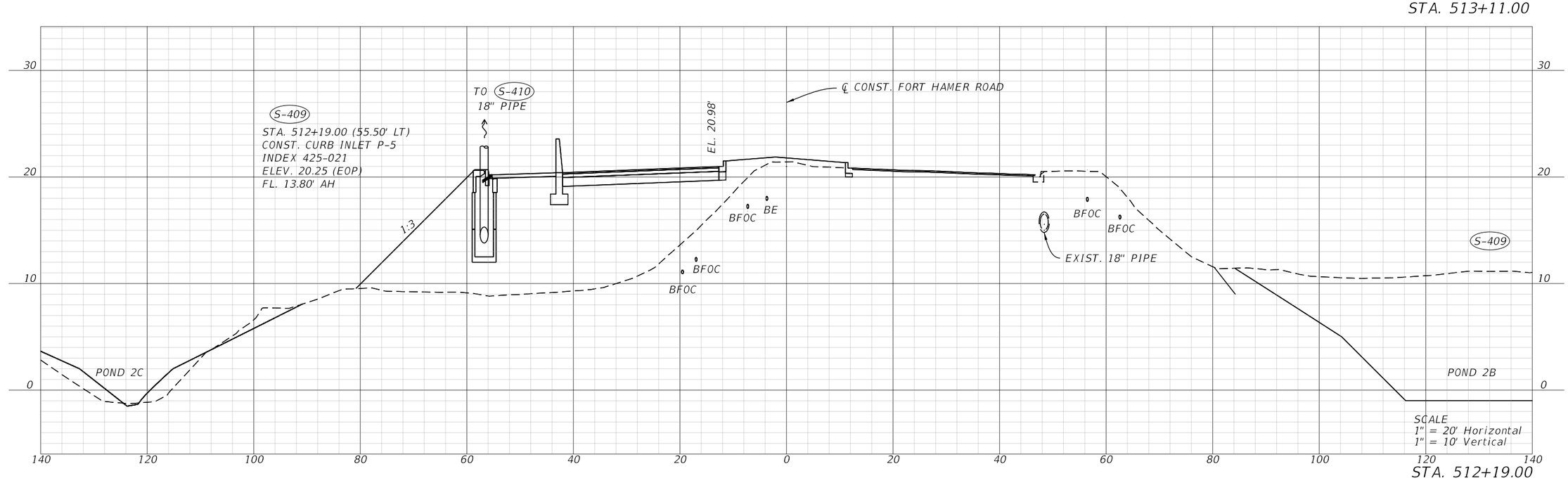
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		87
					FORT HAMER	MANATEE	452856-1-34-01		

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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Kaleigh.Cook 9/25/2025 5:26:58 PM



STA. 513+11.00



STA. 512+19.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

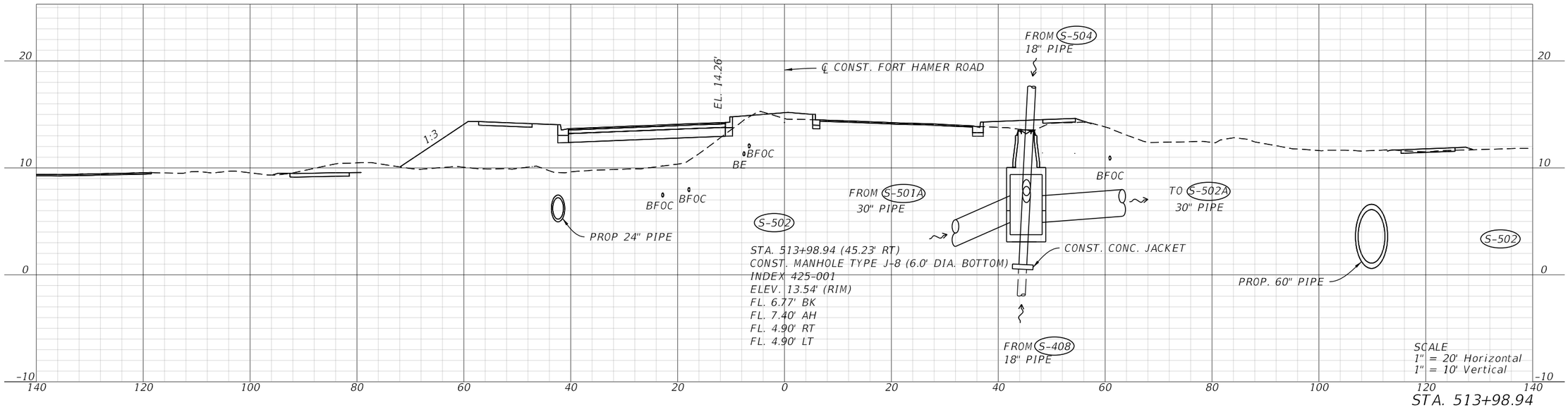
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

DRAINAGE STRUCTURE SECTIONS

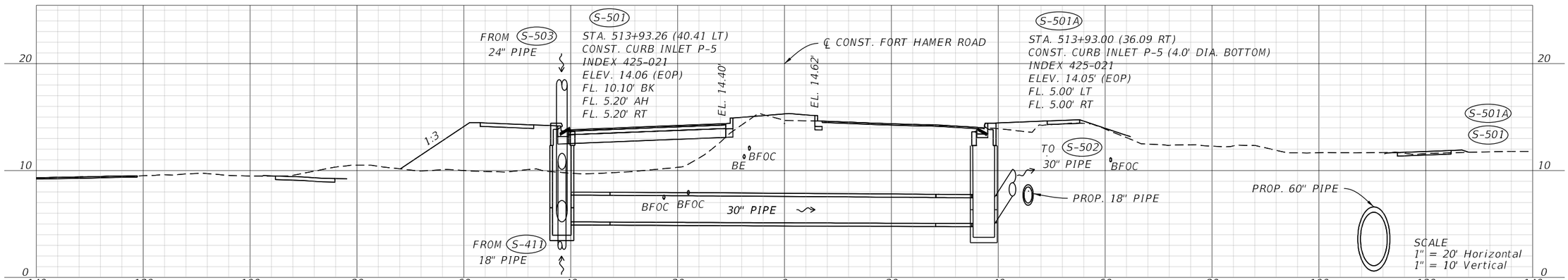
SHEET NO. 88

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

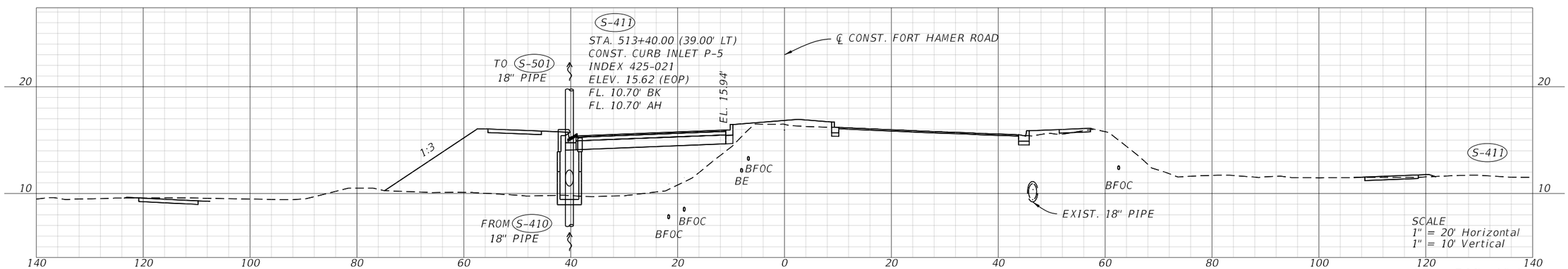
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Kaleigh.Cook 9/25/2025 5:27:14 PM



STA. 513+98.94



STA. 513+93.26

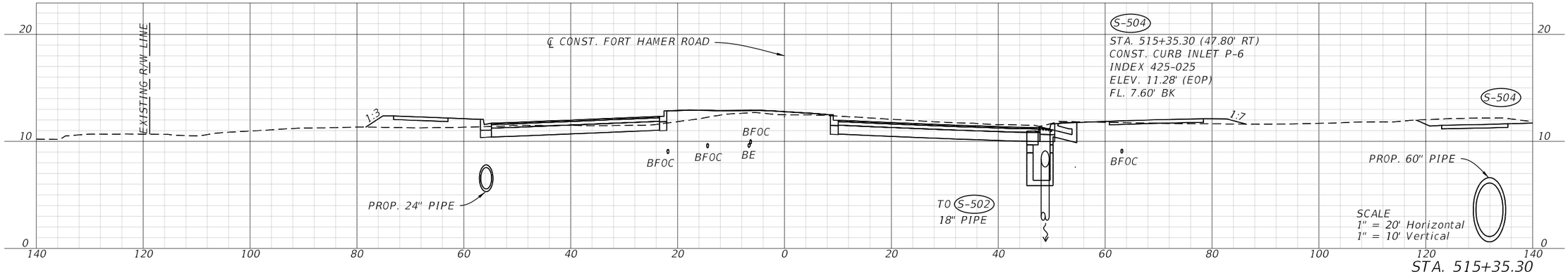


STA. 513+40.00

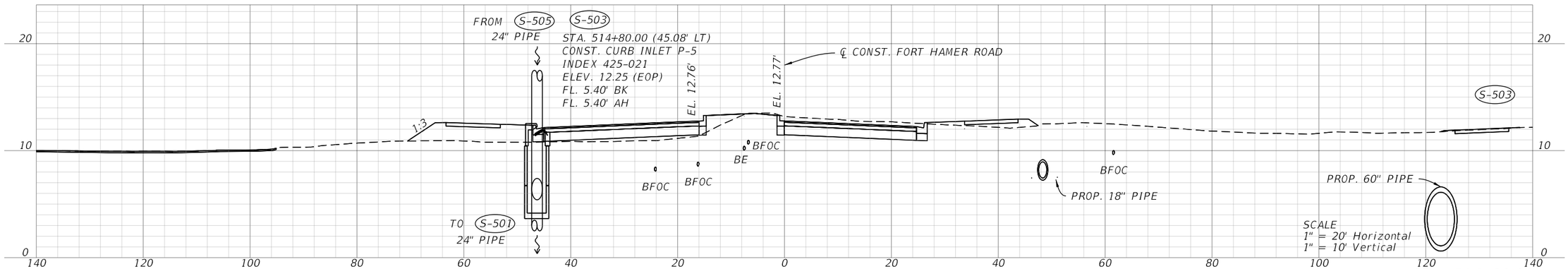
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		89
					FORT HAMER	MANATEE	452856-1-34-01		

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

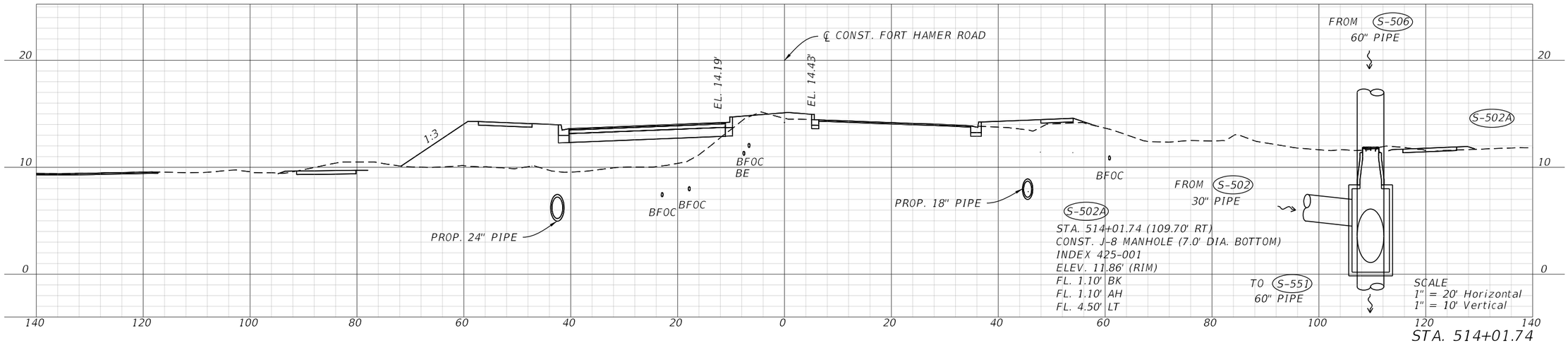
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Kaleigh.Cook 9/25/2025 5:27:21 PM



STA. 515+35.30



STA. 514+80.00



STA. 514+01.74

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

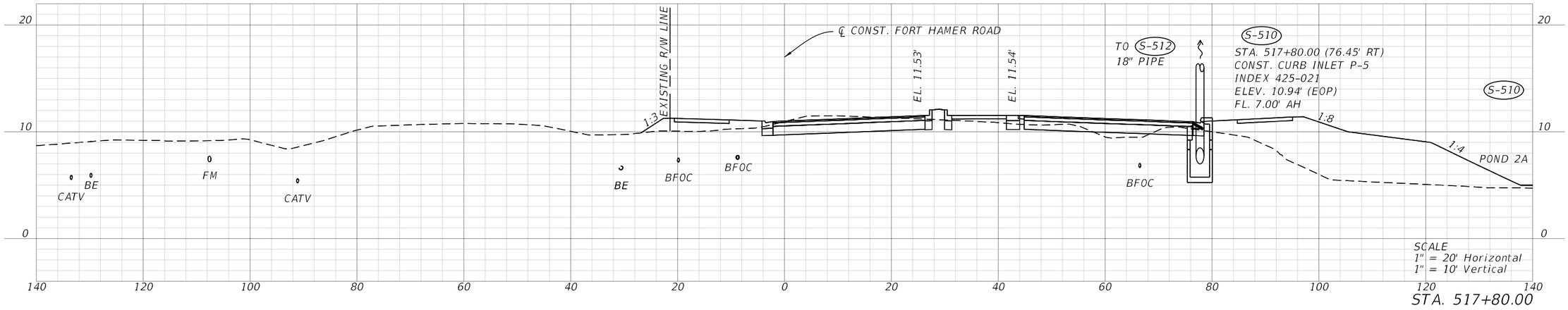
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

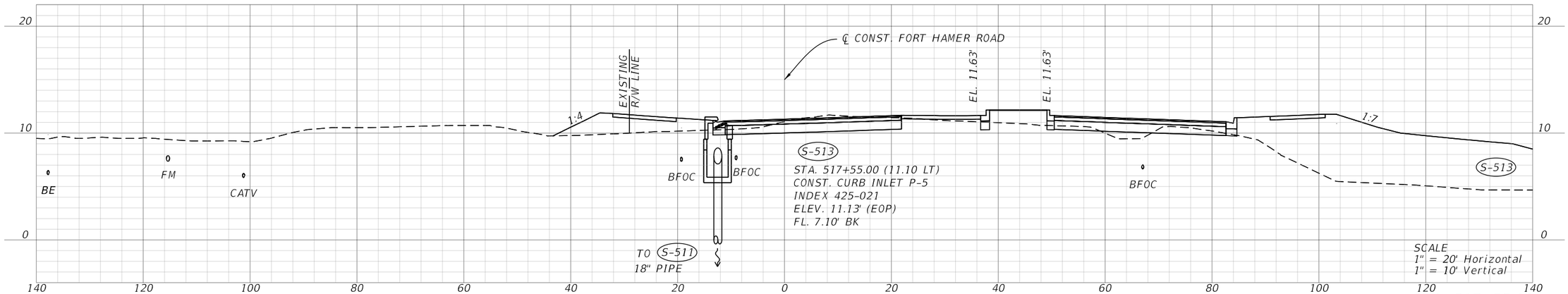
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 90

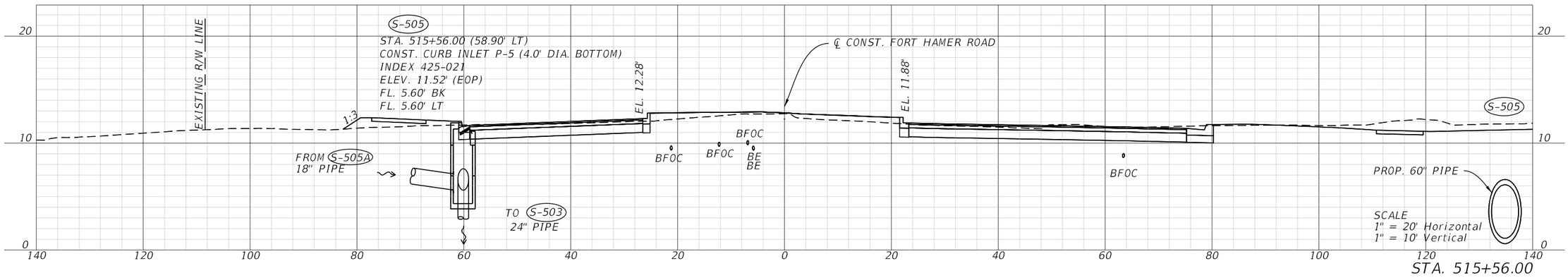
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



STA. 517+80.00



STA. 517+55.00



STA. 515+56.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

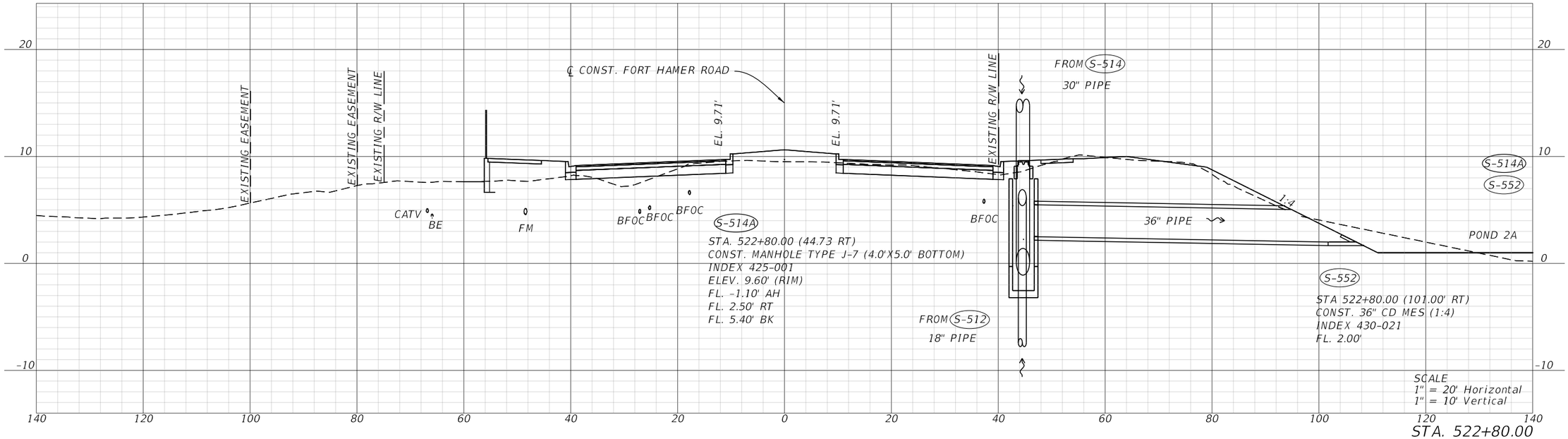
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

DRAINAGE STRUCTURE SECTIONS

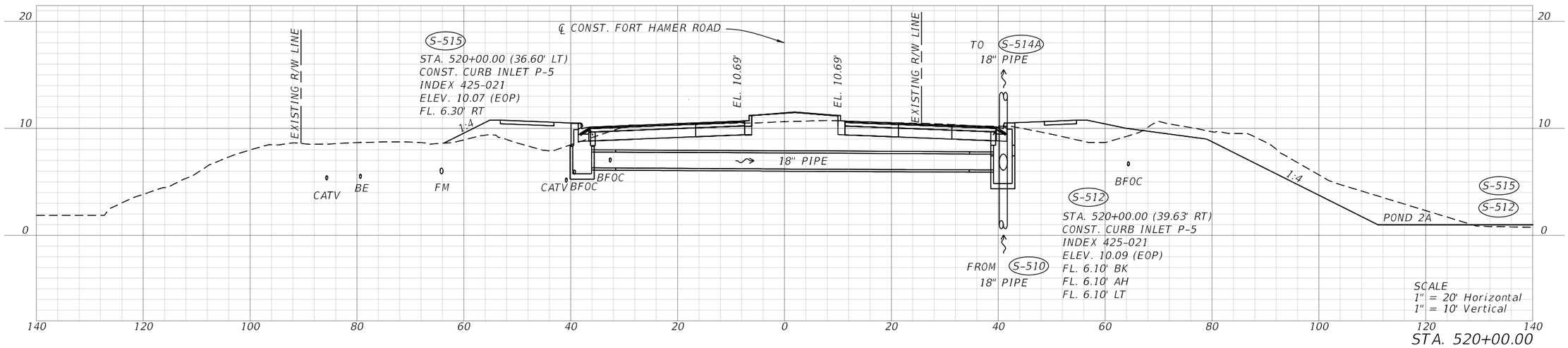
SHEET NO. 91

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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Kaleigh.Cook 9/25/2025 5:27:35 PM



STA. 522+80.00



STA. 520+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

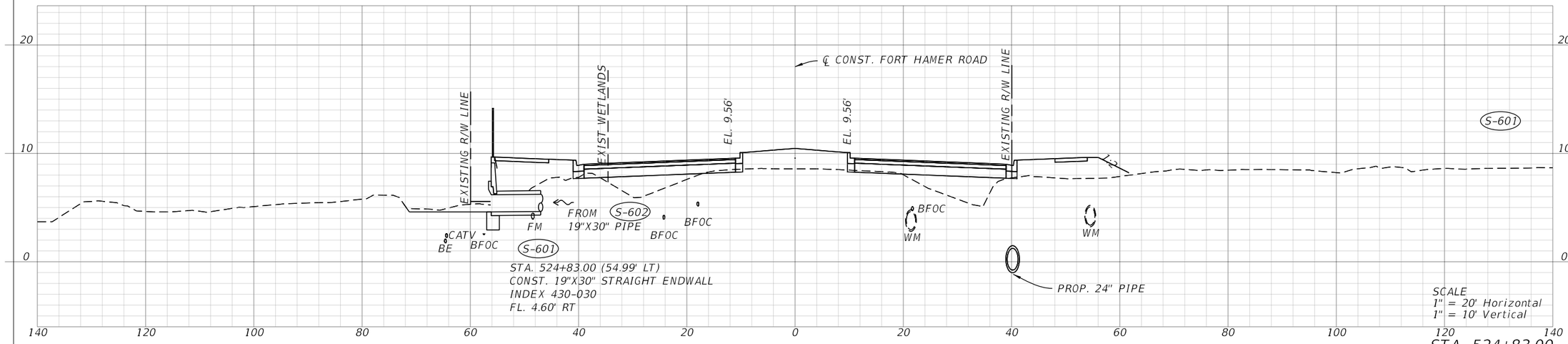
MANATEE COUNTY
CIP No. 6118061

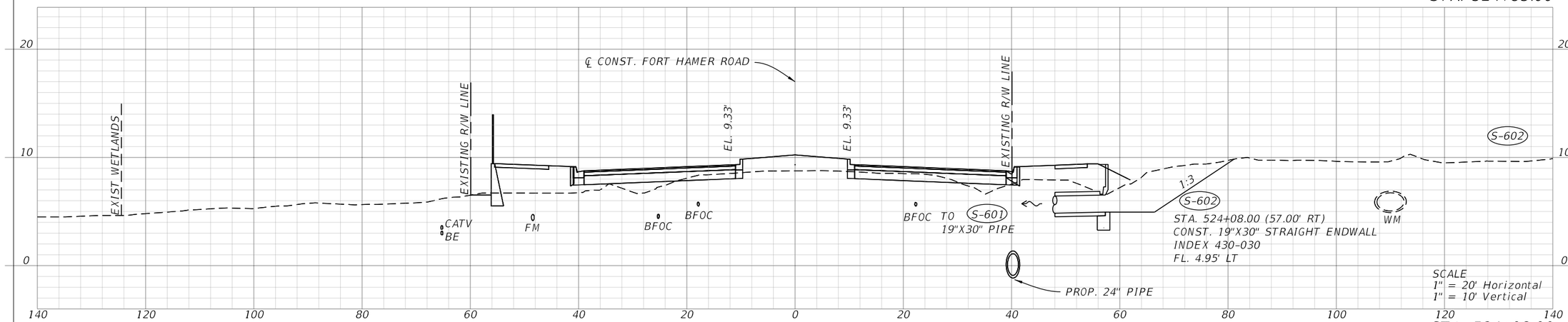
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

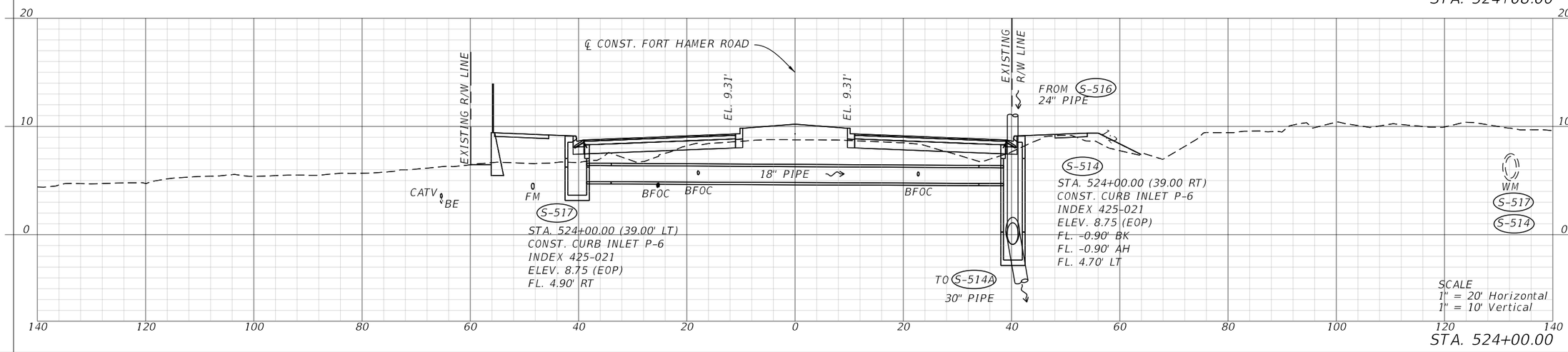
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 92

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



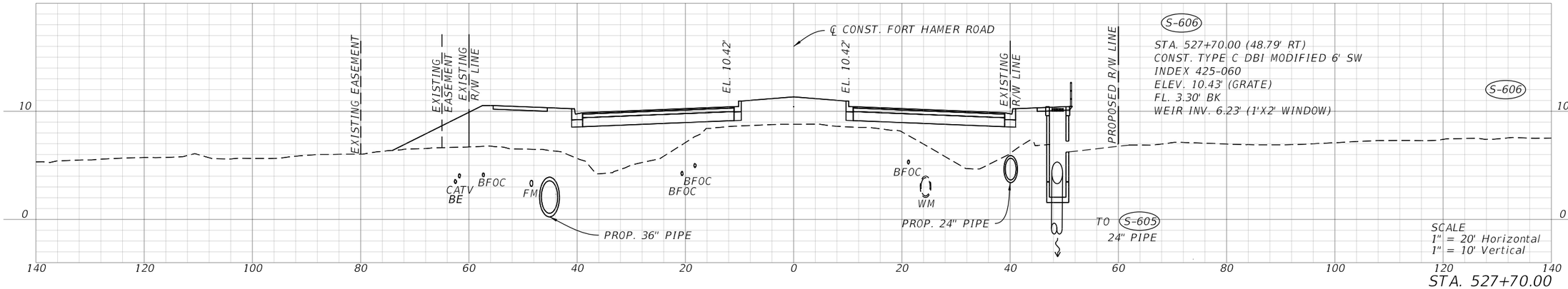


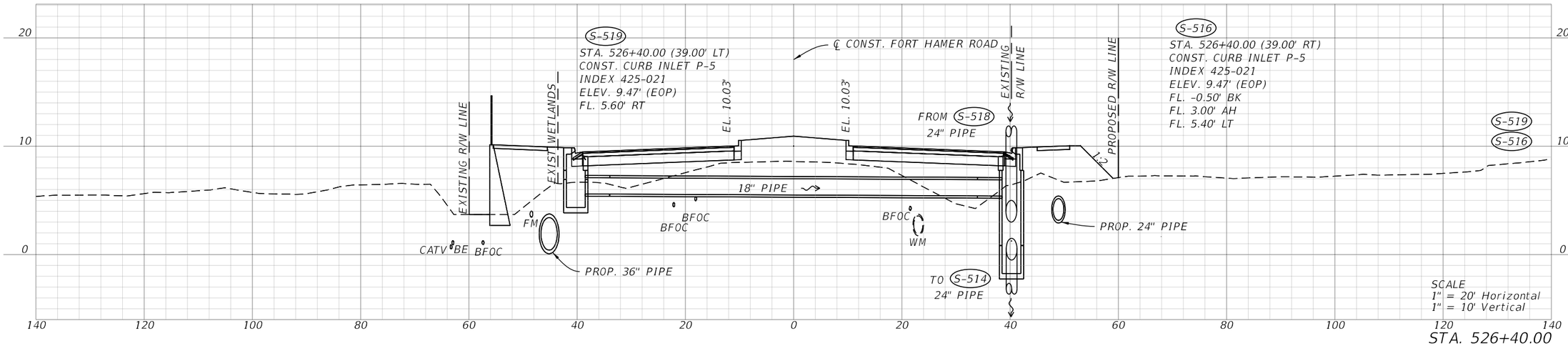


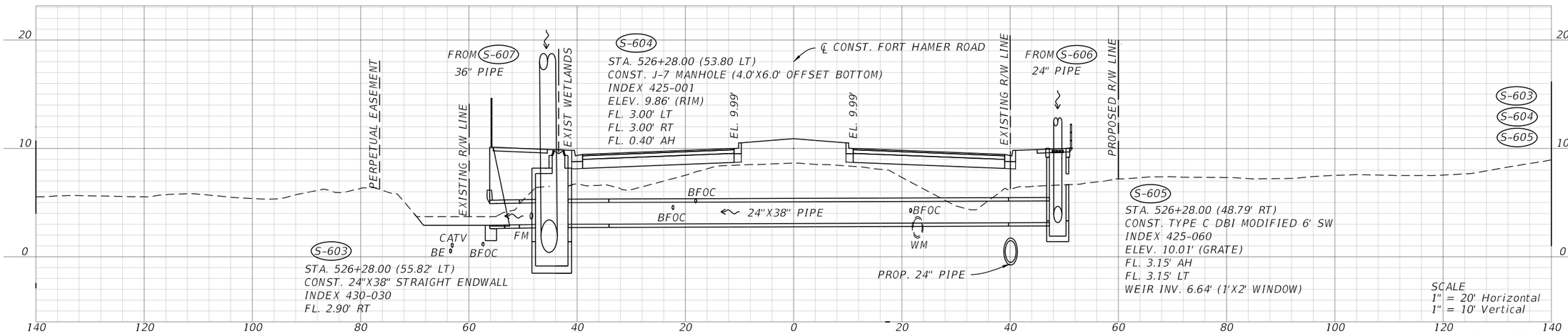
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		93
					FORT HAMER	MANATEE	452856-1-34-01		

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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Kaleigh.Cook 9/25/2025 5:27:46 PM



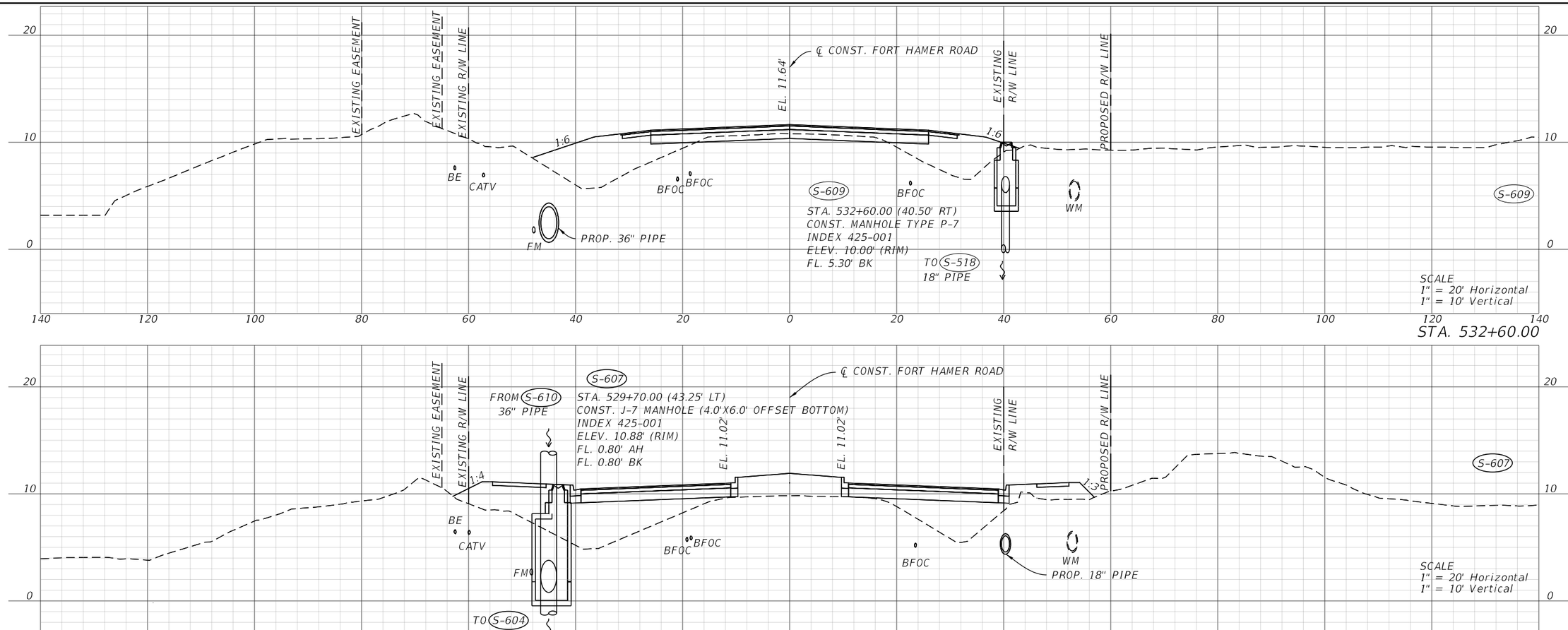




REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		94
					FORT HAMER	MANATEE	452856-1-34-01		

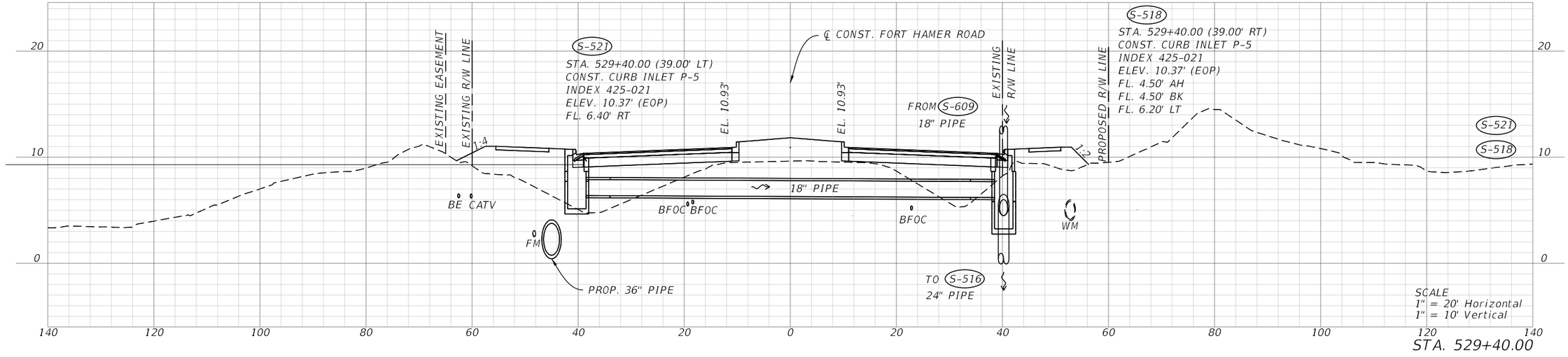
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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Kaleigh.Cook 9/25/2025 5:27:55 PM



STA. 532+60.00

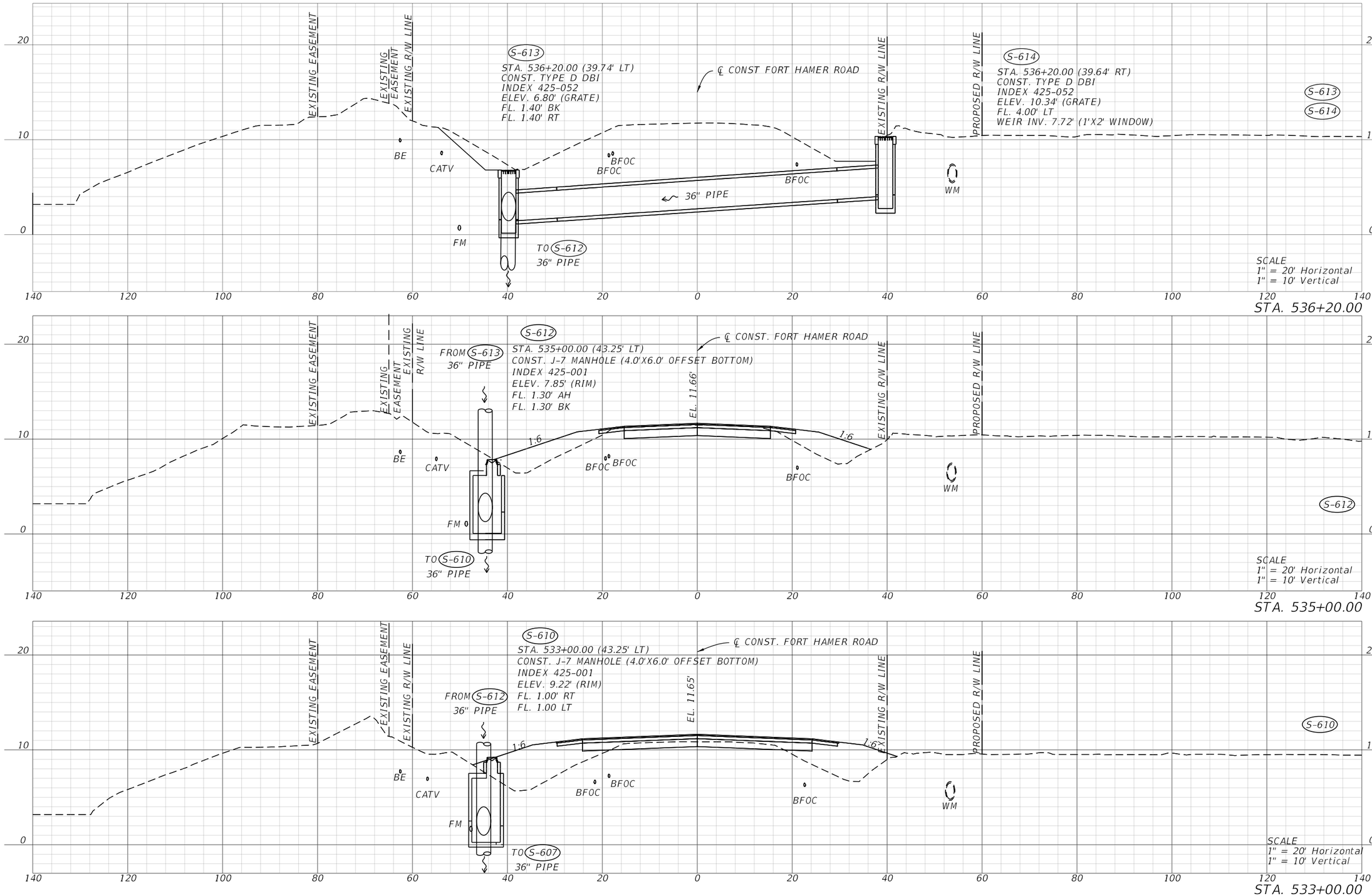
STA. 529+70.00



STA. 529+40.00

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		95
					FORT HAMER	MANATEE	452856-1-34-01		

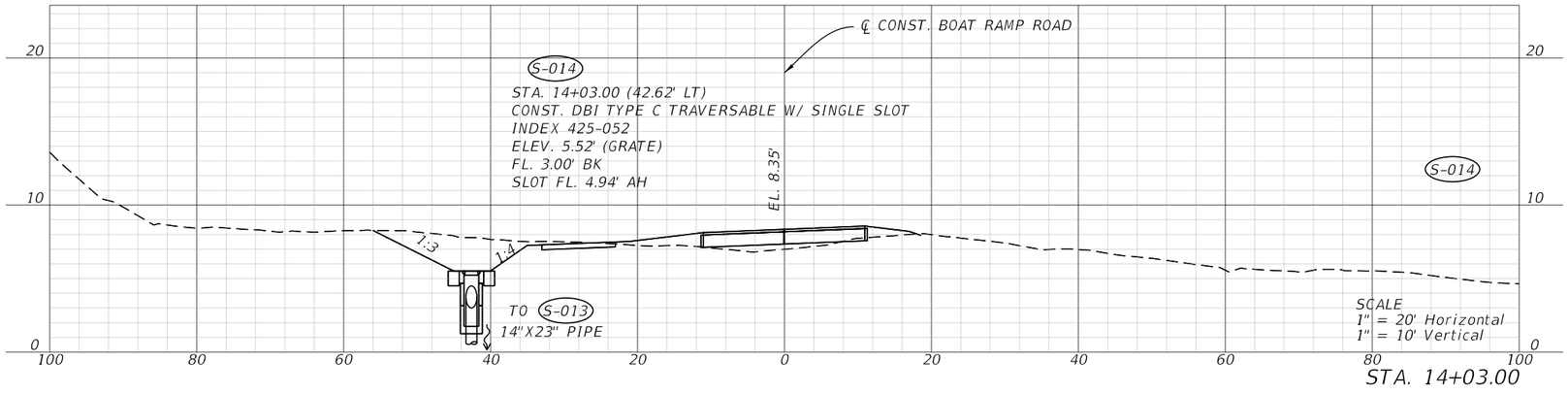
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



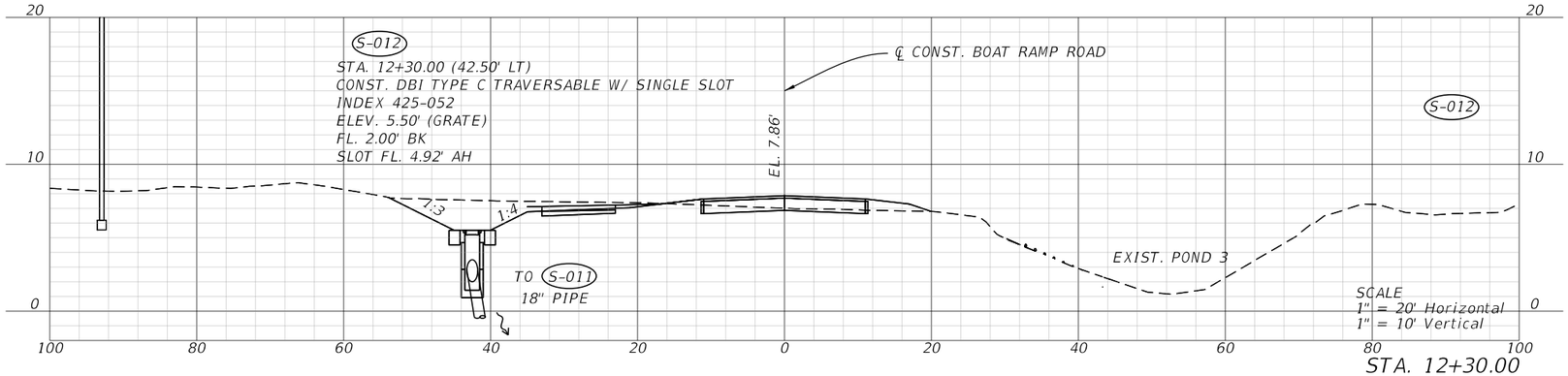
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		96
					FORT HAMER	MANATEE	452856-1-34-01		

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

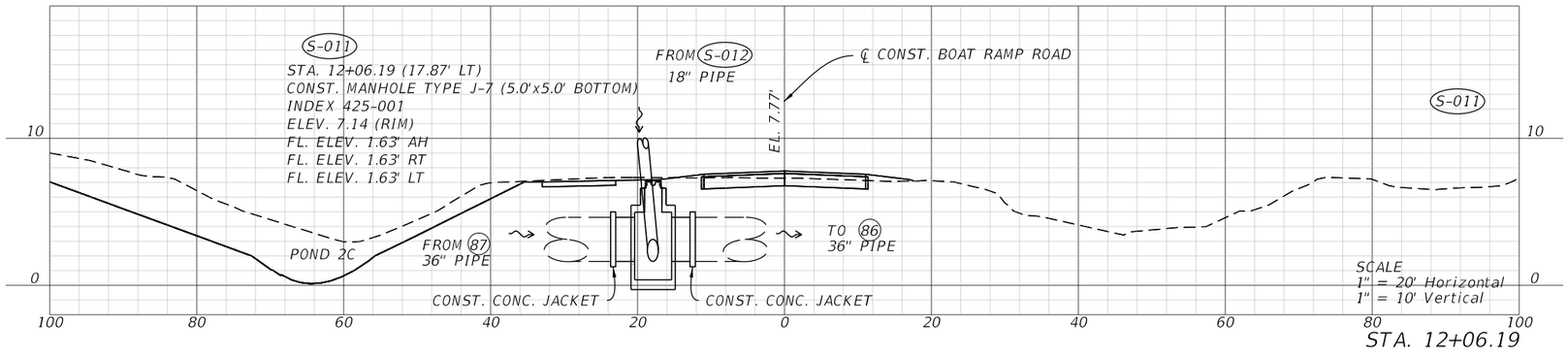
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Kaleigh.Cook 9/25/2025 5:27:08 PM



STA. 14+03.00



STA. 12+30.00



STA. 12+06.19

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

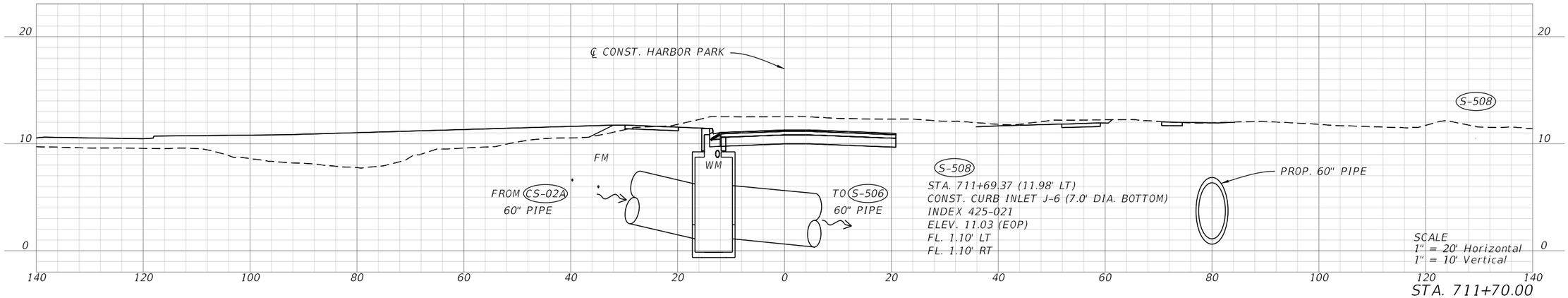
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

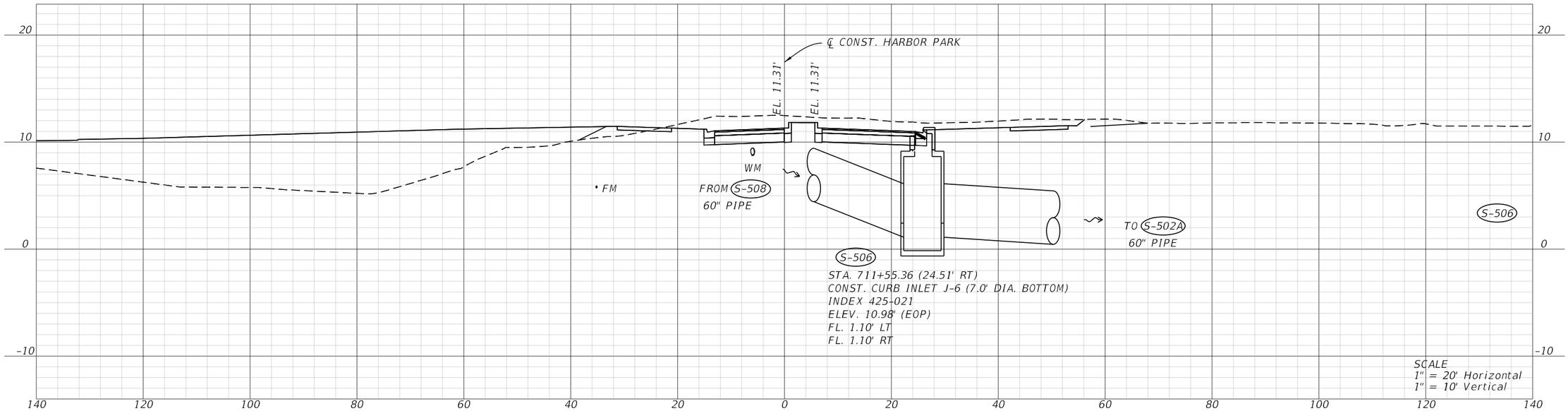
DRAINAGE STRUCTURE SECTIONS

SHEET NO. 97

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



STA. 711+70.00

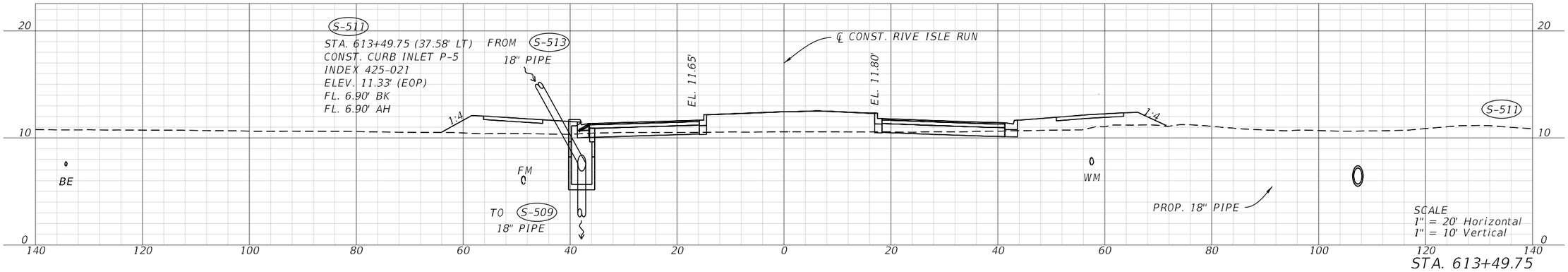


STA. 711+55.36

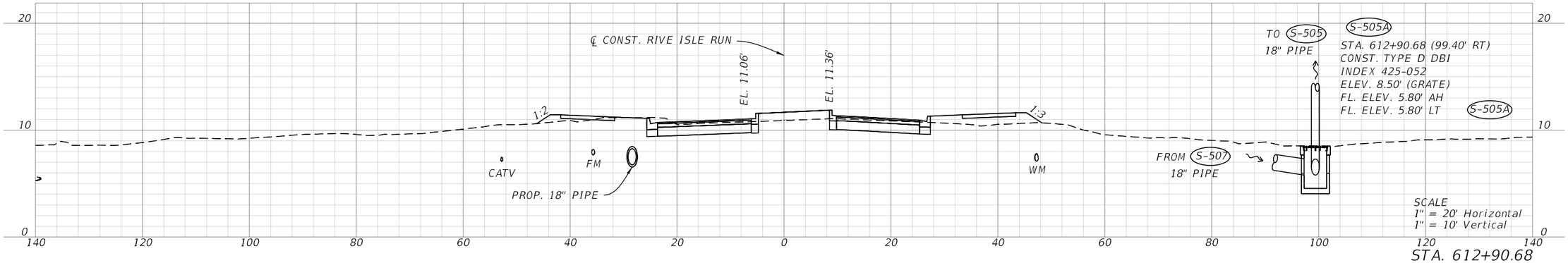
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		98
					FORT HAMER	MANATEE	452856-1-34-01		

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

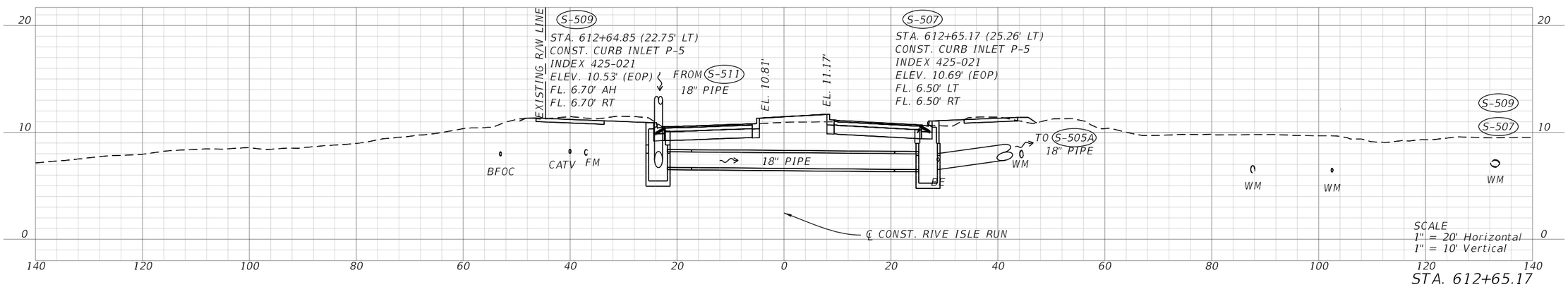
c:\pw\kh1\d0448293\RDXSRD_DrainageCrossSection_02.dgn ; HARBOR PARK SHEET
Kaleigh.Cook 9/25/2025 5:28:09 PM



STA. 613+49.75



STA. 612+90.68

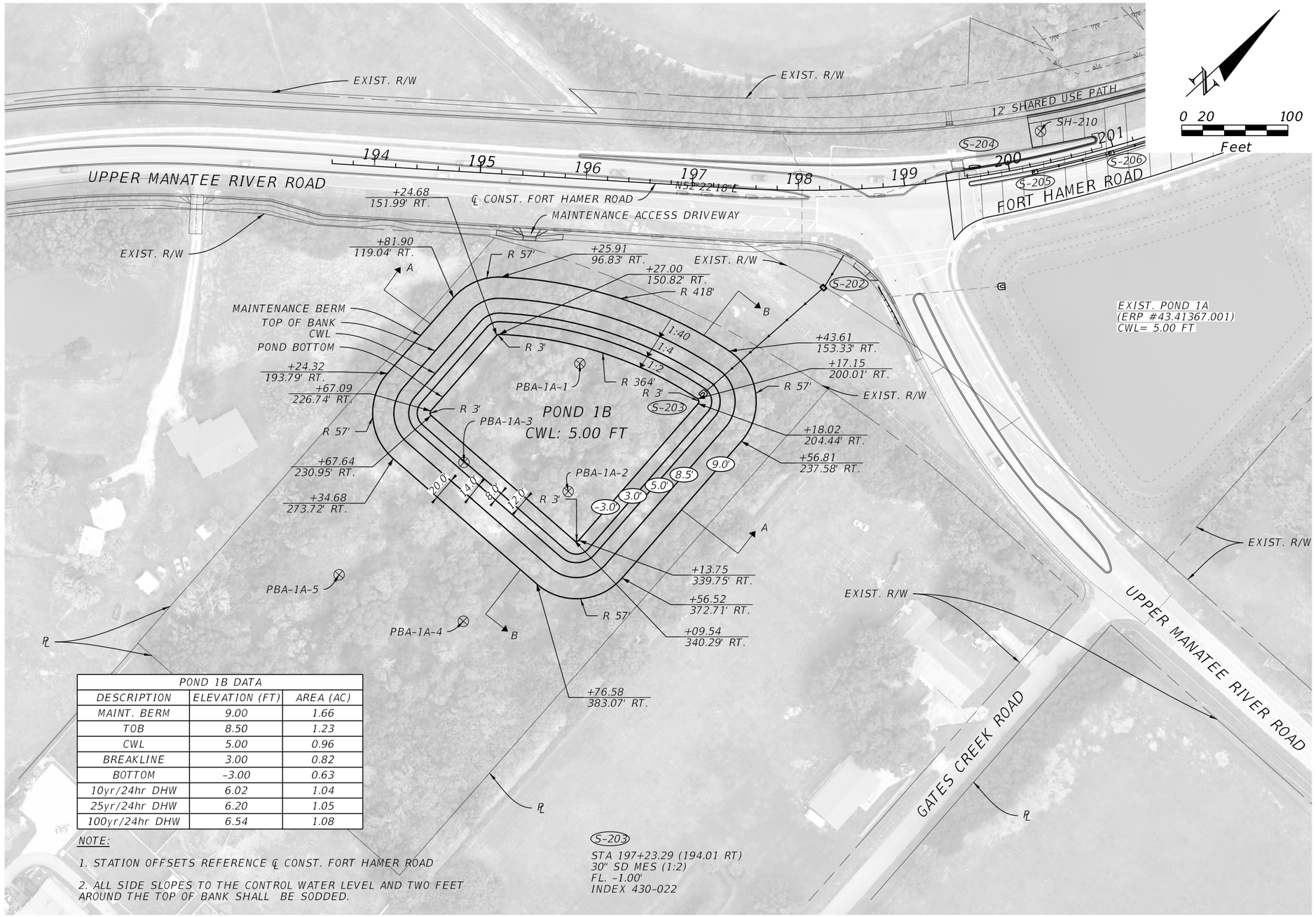


STA. 612+65.17

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRAINAGE STRUCTURE SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		99
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0448293\RDXSRD_DrainageCrossSection_02.dgn : RIVE ISLE RUN SHEET
Kaleigh.Cook 9/25/2025 5:28:16 PM



POND 1B DATA		
DESCRIPTION	ELEVATION (FT)	AREA (AC)
MAINT. BERM	9.00	1.66
TOB	8.50	1.23
CWL	5.00	0.96
BREAKLINE	3.00	0.82
BOTTOM	-3.00	0.63
10yr/24hr DHW	6.02	1.04
25yr/24hr DHW	6.20	1.05
100yr/24hr DHW	6.54	1.08

NOTE:

1. STATION OFFSETS REFERENCE ℄ CONST. FORT HAMER ROAD

2. ALL SIDE SLOPES TO THE CONTROL WATER LEVEL AND TWO FEET AROUND THE TOP OF BANK SHALL BE SODDED.

S-203
STA 197+23.29 (194.01 RT)
30" SD MES (1:2)
FL. -1.00'
INDEX 430-022

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

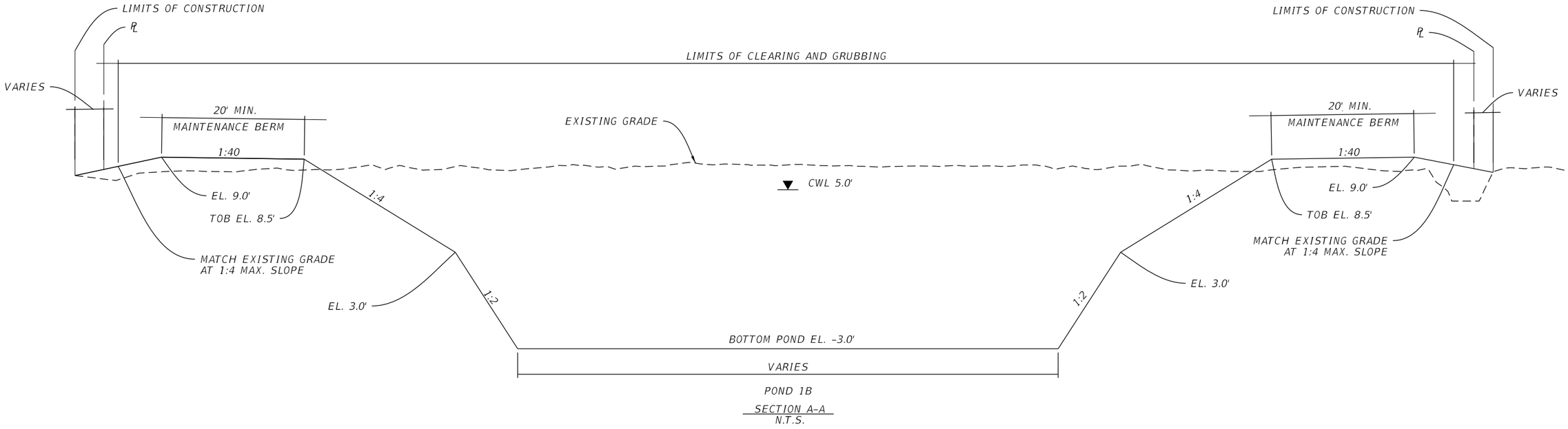
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

POND 1B DETAILS

SHEET NO.
100

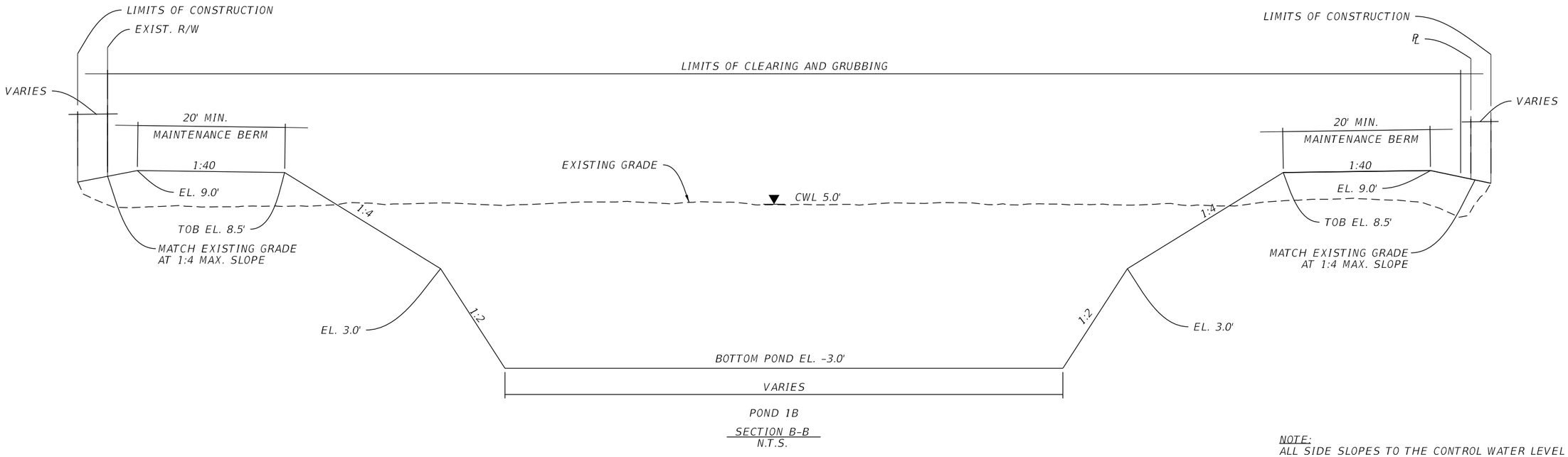
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Kaleigh.Cook 9/25/2025 5:23:32 PM



POND 1B

SECTION A-A

N.T.S.



POND 1B

SECTION B-B

N.T.S.

NOTE:
ALL SIDE SLOPES TO THE CONTROL WATER LEVEL AND TWO FEET AROUND THE TOP OF BANK SHALL BE SODDED.

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			POND 1B	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	TYPICAL SECTIONS	101
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0448293\PDPLRD02.dgn : POND 1 TYPICAL SECTION SHEET
Kaleigh.Cook 9/25/2025 5:23:41 PM

0 20 100
Feet

℄ CONST. BOAT RAMP ROAD
EXIST. WETLAND
EXIST. POND 3A
(ERP #44.41034.000)
CWL= 5.0 FT
SH-BOAT-2
POND 2C
CWL=5.0 FT.
EXIST. R/W
SH-1
℄ CONST. BOAT RAMP PARKING
℄ CONST. RIVE ISLE RUN
℄ CONST. SOUTHBOUND BRIDGE
BRIDGE #1341XX
℄ DITCH 1
10' SHARED USE PATH
SH-250
℄ CONST. FORT HAMER ROAD
SH-255L
FORT HAMER ROAD
℄ DITCH 2
BRIDGE #134123
℄ CONST. NORTHBOUND BRIDGE
EXIST. WETLAND
SH-BOAT-3
PBA-2B-2-1
SH-255R
MANATEE RIVER
BEGIN TRANSITION TO 1:4 SLOPE AND VARY TOP OF BANK BASED ON PROP. GRADE OF PATH
POND 2B
CWL: 7.0 FT
SH-BOAT-4
PBA-2B-2-3
PBA-2B-2-2
SH-BOAT-5
℄ CONST. HARBOR PARK
PBA-257R
POND 2A
CWL: 7.0 FT
FUTURE HIDDEN HARBOR PARK DEVELOPMENT (BY OTHERS)
POND BOTTOM
CONTROL WATER LEVEL
TOP OF BANK

S-013
STA. 12+82.60 (33.16 RT)
14"X23" SD MES (1:4)
FL. 2.30'
INDEX 430-022

S-550
STA. 336+97.32 (199.36 RT)
48" SD MES (1:4)
FL. 3.57'
INDEX 430-022

S-551
STA. 512+38.30 (122.30 RT)
36" SD MES (1:2)
FL. 1.10'
INDEX 430-022

POND 2B DATA		
DESCRIPTION	ELEVATION (FT)	AREA (AC)
MAINT. BERM	VARIES	
TOB	VARIES	1.51
CWL	7.00	1.24
BREAKLINE	5.00	1.05
BOTTOM	-1.00	0.80
10yr/24hr DHW	7.89	1.31
25yr/24hr DHW	8.07	1.33
100yr/24hr DHW	8.41	1.36

NOTE:

STATION OFFSETS REFERENCE
℄ CONST. FORT HAMER ROAD

ALL SIDE SLOPES TO THE CONTROL WATER LEVEL AND TWO FEET AROUND THE TOP OF BANK SHALL BE SODDED.

GRADING NOTES:

1. POND TO HAVE 1:5 MIN. SIDE SLOPE ON WESTERN SIDE OF POND TO 2.0' BELOW CONTROL WATER LEVEL. ALL OTHER POND SIDE SLOPES TO BE 1:4 MIN. TO 2.0' BELOW CONTROL WATER.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

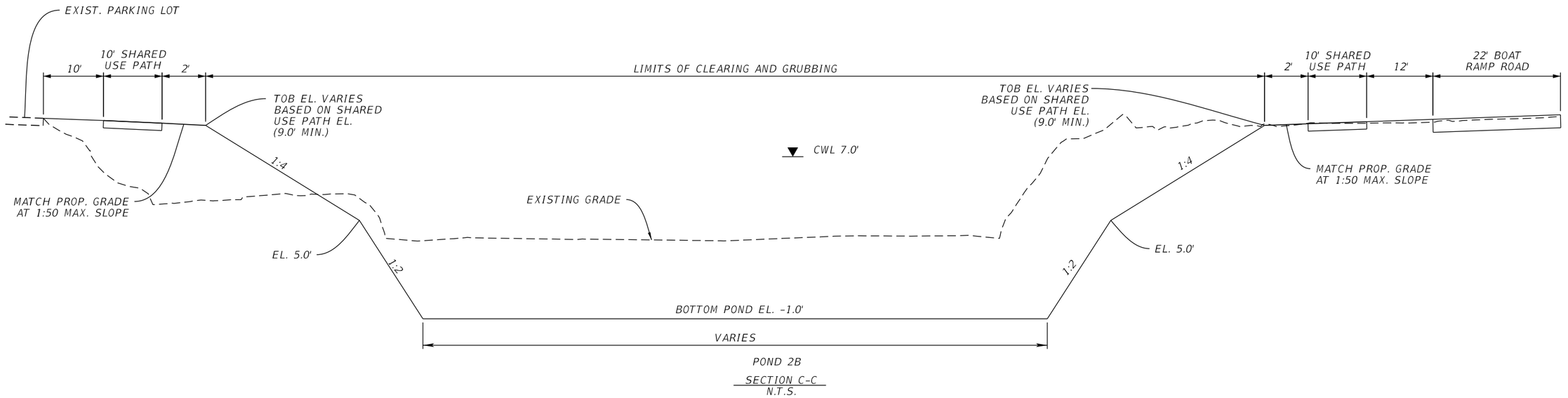
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

POND 2B DETAILS

SHEET NO. 102

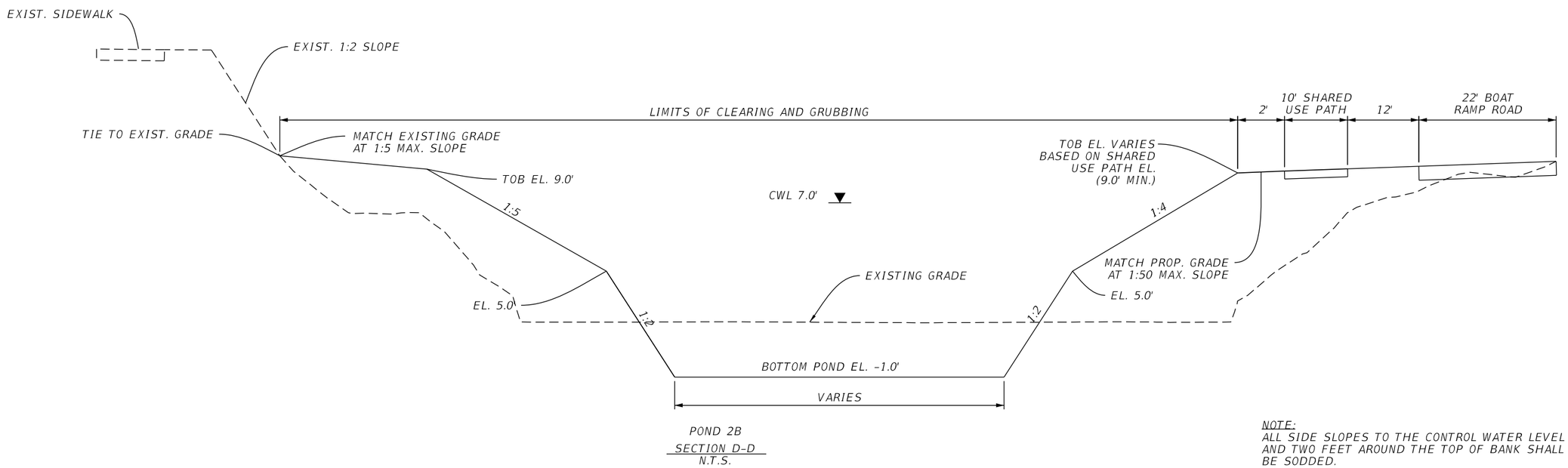
c:\pw\kh1\d0448293\PDPLRD02.dgn : CLFTHAMERN_510 - PLAN 2 [SHEET]
Kaleigh.Cook 9/25/2025 5:23:11 PM



POND 2B

SECTION C-C

N.T.S.



POND 2B

SECTION D-D

N.T.S.

NOTE:
ALL SIDE SLOPES TO THE CONTROL WATER LEVEL AND TWO FEET AROUND THE TOP OF BANK SHALL BE SODDED.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

POND 2B

TYPICAL SECTIONS

SHEET NO. 103

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

c:\pw\kh1\d0448293\PDPLRD02.dgn : POND 2B TYPICAL SECTION SHEET
Kaleigh.Cook 9/25/2025 5:23:44 PM

POND 2C DATA		
DESCRIPTION	ELEVATION (FT)	AREA (AC)
TOB	VARIES	0.36
CWL	5.00	0.26
BREAKLINE	2.00	0.13
BOTTOM	-3.00	0.06

NOTE:

1. STATION OFFSETS REFERENCE ℄ CONST. FORT HAMER ROAD
2. ALL SIDE SLOPES TO THE CONTROL WATER LEVEL AND TWO FEET AROUND THE TOP OF BANKSHALL BE SODDED.

0 10 50
Feet

EXIST. WETLAND
℄ CONST. BOAT RAMP PARKING
℄
EXIST. R/W
POND 8B
52
N19°13'28"E
53
54
55
10
+47.22
188.47' LT.
+40.00
158.72' LT.
+18.06
180.01' LT.
SH-BOAT-1
S59°42'22"E
+11.69
122.53' LT.
EXIST. MES
TO REMAIN
+04.87
114.28' LT.
BEGIN TRANSITION TO VARY TOP OF BANK
BASED ON PROP. TIE DOWN FROM PATH
CONST. CONC.
JACKET
S-013
EXIST. MES
TO REMAIN
R 23.0'
VARIES
END TRANSITION TO VARY TOP OF BANK
BASED ON PROP. TIE DOWN FROM PATH
+02.96
124.46' LT.
+65.06
180.10' LT.
+04.87
128.30' LT.
+49.77
140.37' LT.
SH-1
10' SHARED PATH
+90.76
121.14' LT.
POND 2C
CWL: 5.00 FT
+47.58
110.84' LT.
R 2.0'
-3.0
2.0'
5.0'
7.0'
10'
12'
8'
1:2
1:4
R 18.0'
R 109.0'
R 79.0'
R 130.0'
R: 35.0'
R: 65.0'
+04.07
124.49' LT.
+80.65
87.02' LT.
℄ CONST.
SOUTHBOUND
BRIDGE
S-012
R 28.0'
R 2.0'
+06.33
110.91' LT.
+96.90
80.93' LT.
POND BOTTOM
+77.04
128.62' LT.
S24°42'22"E
SH-BOAT-2
S-011
℄ CONST. BOAT
RAMP ROAD
CONTROL WATER LEVEL
SH-250
BREAKLINE
TOP OF BANK
+47.52
80.84' LT.
+75.40
87.07' LT.
+62.59
114.19' LT.
+13.18
94.99' LT.
+04.66
94.51' LT.
+41.77
93.45' LT.
S-409
S-410
S-411
S-501
S-503
10' SHARED PATH
S-014
338
339
N05°53'31"W
FORT HAMER ROAD
510
511
512
513
514
515
℄ CONST. FORT HAMER ROAD
438
439
N05°53'31"W
S84°07'30"E
℄ CONST.
NORTHBOUND
BRIDGE
S-407
S-408
SH-BOAT-3
S-501A
S-502
CONST. CONC.
JACKET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

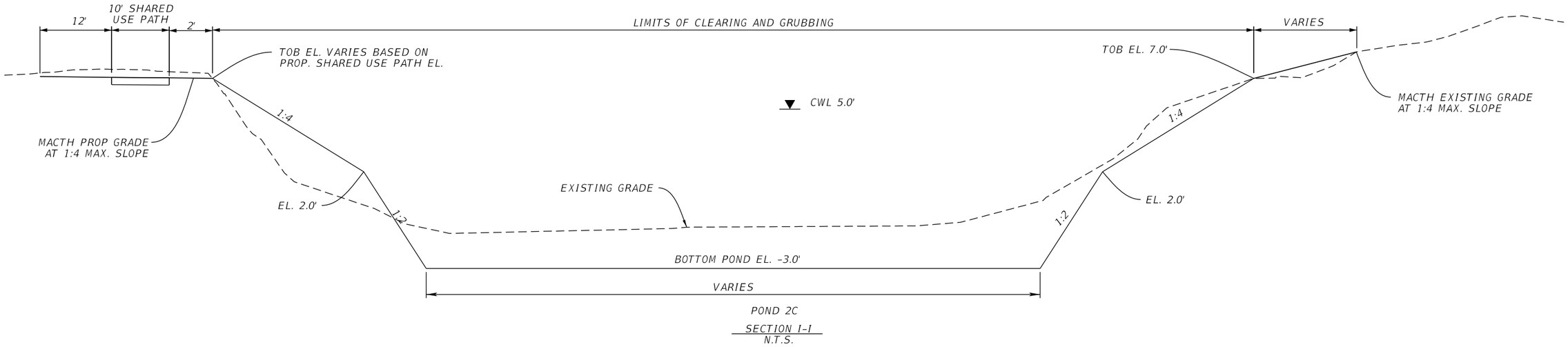
POND 2C DETAILS

SHEET NO. 104

FAC NOTE

9/25/2025 5:23:39 PM Kaleigh.Cook
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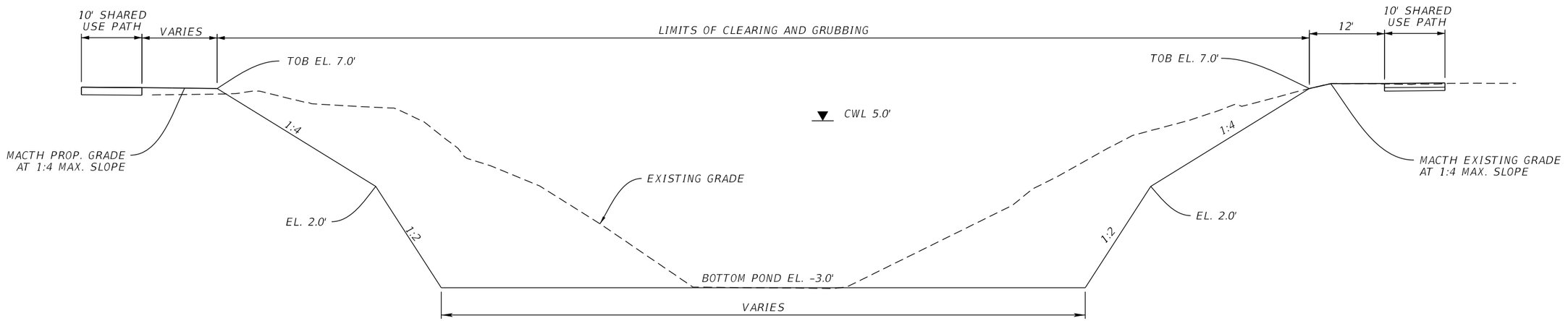
c:\pw\kh1\d0448293\PDPLRD02.dgn : CLFTHAMERWBR_310 - POND 2C [SHEET]
Kaleigh.Cook 9/25/2025 5:23:39 PM



POND 2C

SECTION I-I

N.T.S.



POND 2C

SECTION J-J

N.T.S.

NOTE:
ALL SIDE SLOPES TO THE CONTROL WATER LEVEL AND TWO FEET AROUND THE TOP OF BANK SHALL BE SODDED.

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			POND 2C	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	TYPICAL SECTIONS	105
					FORT HAMER	MANATEE	452856-1-34-01		

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

POND 8B DATA		
DESCRIPTION	ELEVATION (FT)	AREA (AC)
TOB	VARIES	0.27 (@6.5')
BOTTOM	4.20	0.16

NOTE:

1. STATION OFFSETS REFERENCE ℄ CONST. RIVE ISLE RUN
2. TOP OF BANK SLOPE TO BE NO STEEPER THAN 1:20

0 20 100
Feet

EXIST. FPC LAKE 8C
(ERP #43.21118.008)
CWL= 1.65 FT

℄ CONST. RIVE ISLE RUN

EXIST. LAKE 8A
(ERP #43.21118.008)
CWL= 1.65 FT

POND 8B
TOP OF BANK
POND BOTTOM
4:2'
1:4 MAX
VARIES
R 3'
R 12'
R 20'
R 23'
R 31'
R 45'
R 236'
R 225'
R 179'
R 51'
R 138'
R 155'
N11°28'28"E
N11°59'05"W
SH-1
SH-3
6' SIDEWALK
EXIST. R/W
RIVE ISLE RUN
S58°46'22"E
10' SHARED USE PATH
SH-255L
SH-255R
SH-260L
SH-261R
SH-263L
SH-265L
FORT HAMER ROAD
EXIST. R/W
℄ CONST. FORT HAMER ROAD
PROP. R/W
SH-262R
R 1464'
R 1417'
R 1934'
R 293'
R 262'
R 1918'
R 1887'
R 21'
R 52'
R 5'
POND 2A
CWL: 7.0 FT
LITTORAL ZONE
CS-02A
POND BOTTOM
CWL
TOP OF BANK
MAINTENANCE BERM
1:4
1:15
1.0'
5.0'
7.0'
9.0'
10.0'
24.0'
8.0'
15.0'
EXIST. POND 2C
(ERP #44.41034.000)
CWL= 5.0 FT
POND 2B
CWL= 7.0 FT
N05°33'31"W
N01°11'33"E
N88°36'50"W
S89°58'04"E
COSNT. CONC. JACKET
10' SHARED USE PATH
PBA-2B-2-1
PBA-2B-2-2
PBA-257R
PBA-262R
EXIST. R/W
FUTURE HIDDEN HARBOR PARK DEVELOPMENT (BY OTHERS)
HIDDEN HARBOR PARK
POND 1
(ERP #43.43063.001)
CWL= 8.50 FT

S-501 S-503 S-505 S-505A S-506 S-507 S-508 S-509 S-510 S-511 S-512 S-513 S-514 S-514A S-515 S-516 S-517 S-501A S-502 S-502A S-504 S-551 S-552 S-601 S-603 S-604 S-605 S-409 S-410 S-411

POND 2A DATA		
DESCRIPTION	ELEVATION (FT)	AREA (AC)
MAINT. BERM	10.00'	
TOB	9.00'	1.22
CWL	7.00'	1.01
LITTORAL ZONE	5.00'	0.81
BOTTOM	1.00'	0.30
10yr/24hr DHW	7.94'	1.11
25yr/24hr DHW	8.15'	1.13
100yr/24hr DHW	8.56'	1.17

NOTE:

1. STATION OFFSETS REFERENCE ℄ CONST. FORT HAMER ROAD
2. ALL SIDE SLOPES TO THE CONTROL WATER LEVEL AND TWO FEET AROUND THE TOP OF BANK SHALL BE SODDED.

S-552
STA. 522+80.00 (101.00 RT)
36" SD MES (1:4)
FL. -1.30'
INDEX 430-022

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

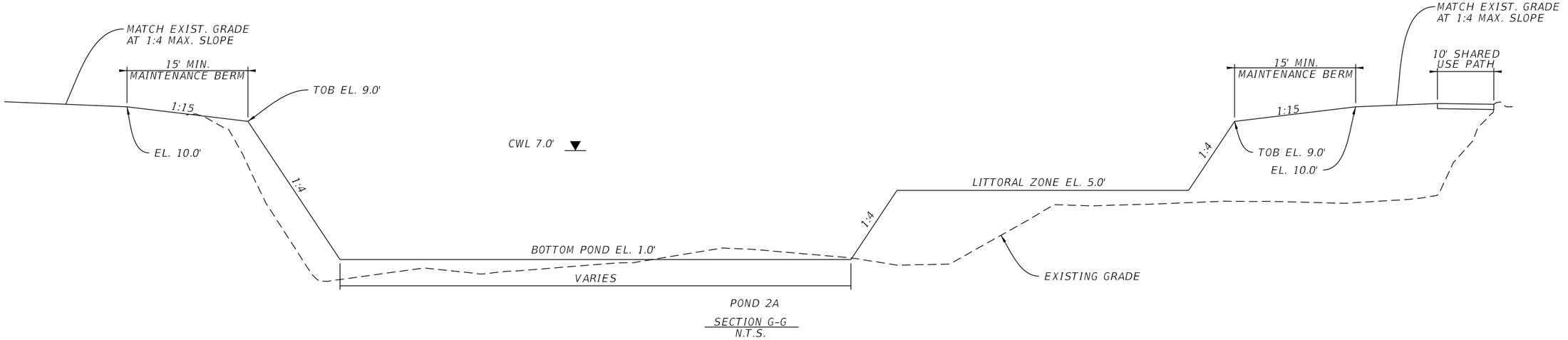
ENGINEER OF RECORD
MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

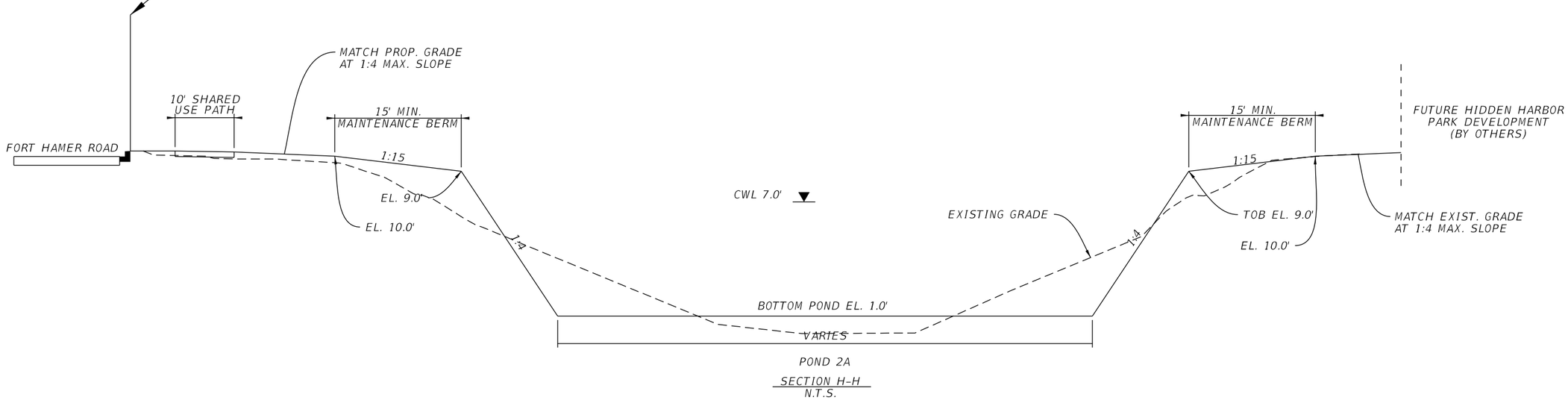
POND 2A/POND 8B DETAILS

SHEET NO. 106



POND 2A

SECTION G-G
N.T.S.



POND 2A

SECTION H-H
N.T.S.

NOTE:
ALL SIDE SLOPES TO THE CONTROL WATER LEVEL AND TWO FEET AROUND THE TOP OF BANK SHALL BE SODDED.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

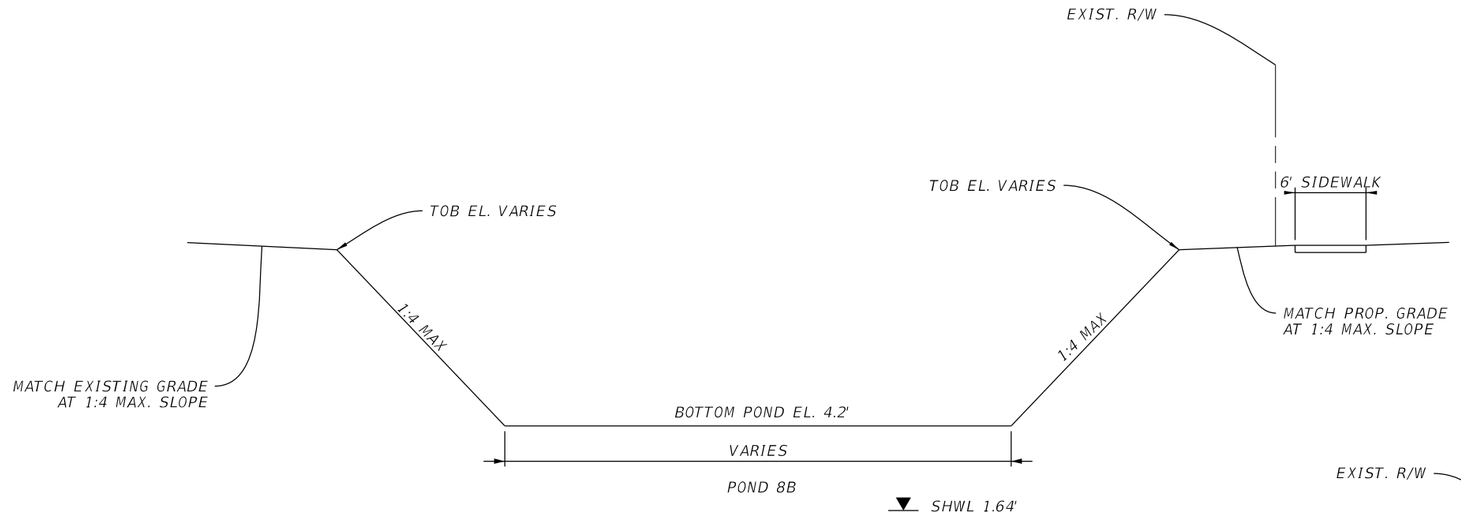
POND 2A

TYPICAL SECTIONS

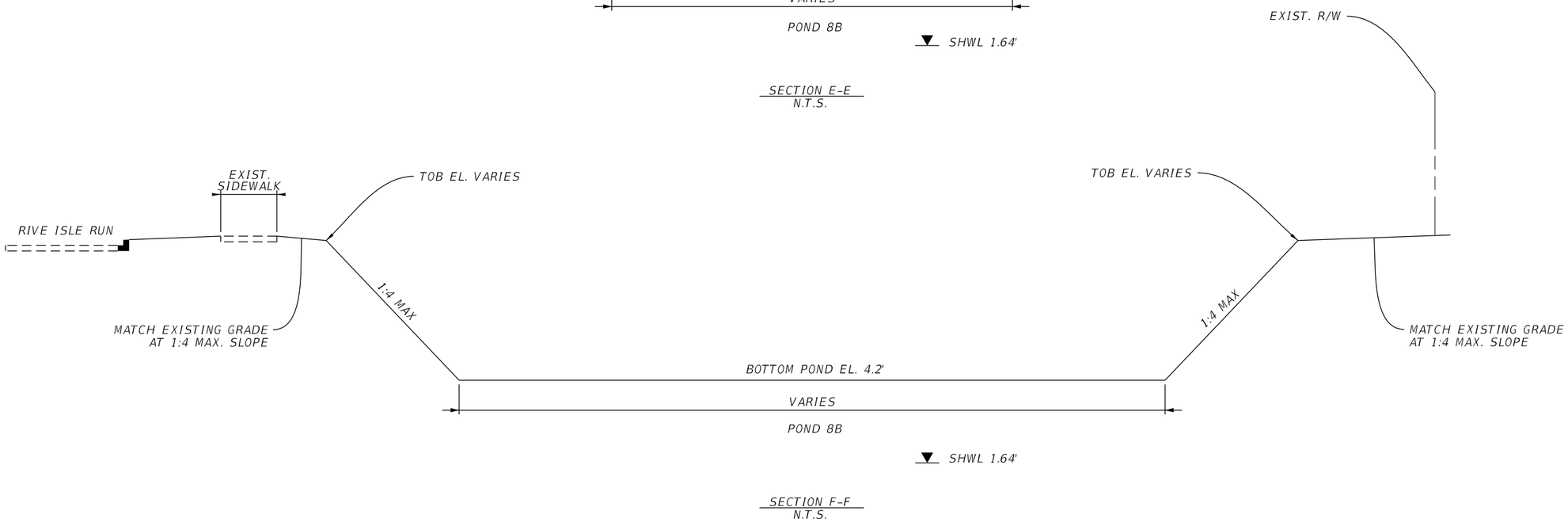
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c:\pw\kh1\d0448293\PDPLRD02.dgn : POND 2A TYPICAL SECTION SHEET
Kaleigh.Cook 9/25/2025 5:23:43 PM



SECTION E-E
N.T.S.

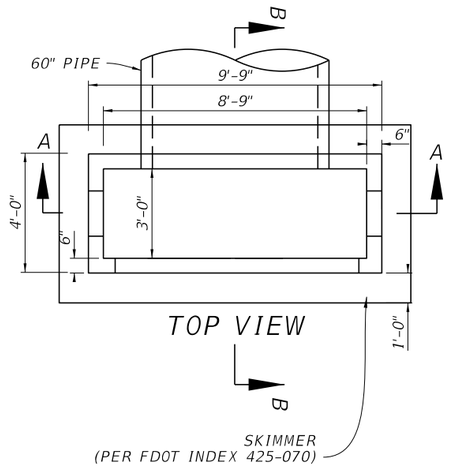


SECTION F-F
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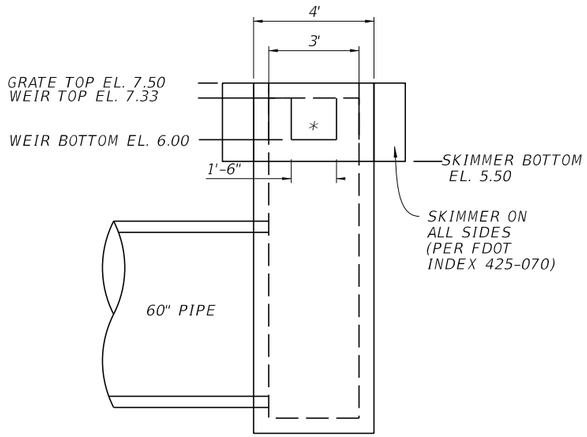
NOTE:
ALL SIDE SLOPES TO THE POND BOTTOM AND TWO FEET AROUND THE TOP OF BANK SHALL BE SODDED.

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			POND 8B	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	TYPICAL SECTIONS	108
					FORT HAMER	MANATEE	452856-1-34-01		

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

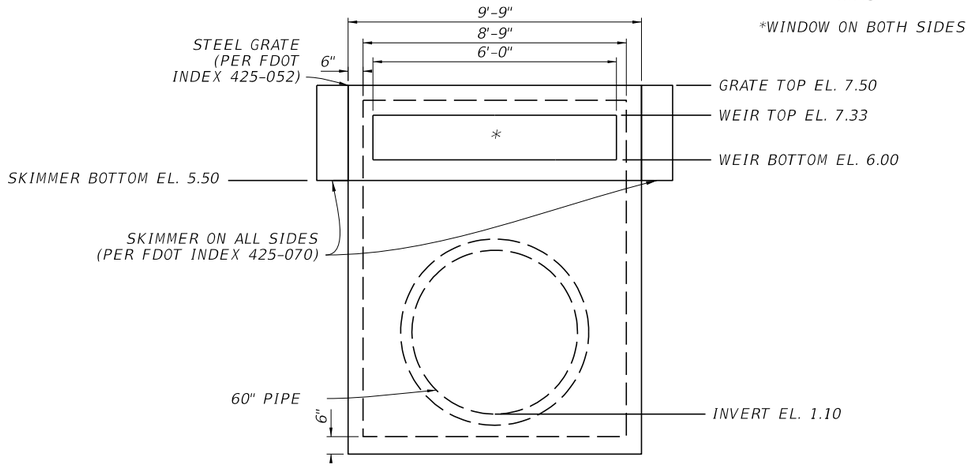


TOP VIEW



SECTION B-B
N.T.S

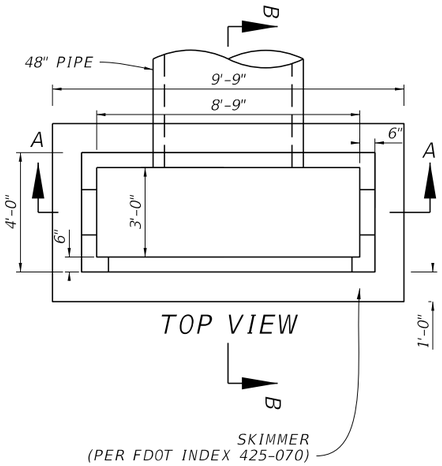
*WINDOW ON BOTH SIDES



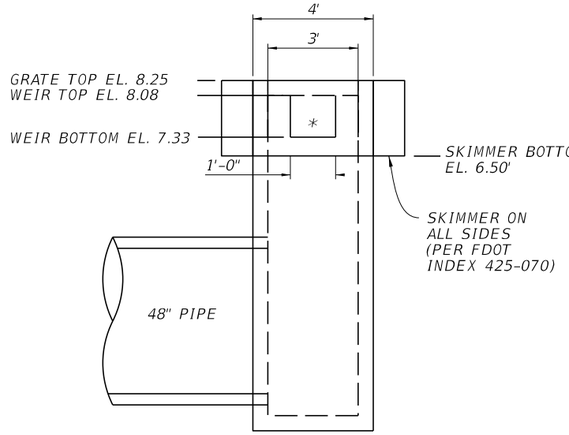
SECTION A-A
N.T.S

*WINDOW ON BOTH SIDES

MODIFIED FDOT TYPE "H" 4-GRATE INLET
POND 2A CONTROL STRUCTURE CS-02A
(INDEX 425-052)



TOP VIEW



SECTION B-B
N.T.S

*WINDOW ON BOTH SIDES

SECTION A-A
N.T.S

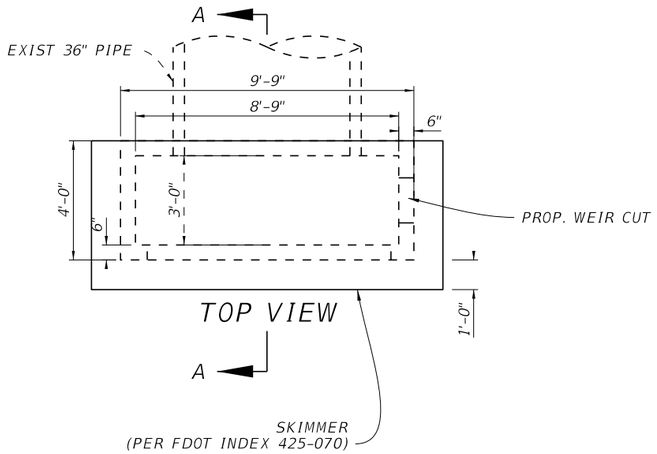
*WINDOW ON BOTH SIDES

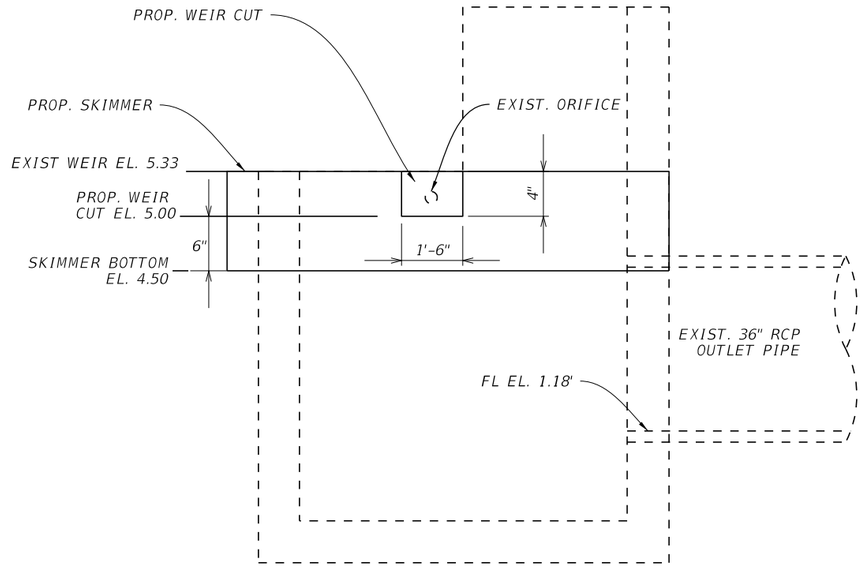
MODIFIED FDOT TYPE "H" 4-GRATE INLET
POND 2B CONTROL STRUCTURE CS-02B
(INDEX 425-052)

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			CONTROL STRUCTURE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DETAILS (1)	109
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0448293\DRDTRD01.dgn : POND 2A 2B CS DETAILS
Kaleigh.Cook 9/25/2025 5:13:19 PM





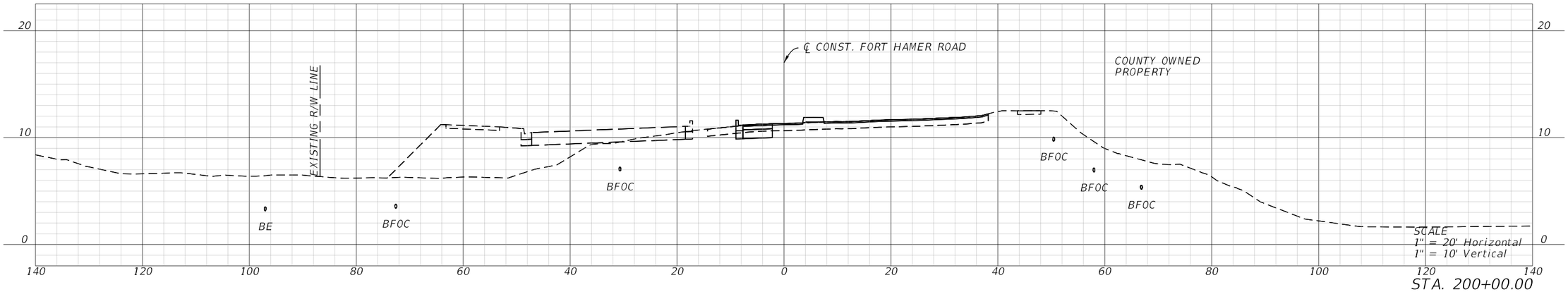
SECTION A-A
N.T.S
(EAST SIDE OF EXIST. STRUCTURE)

MODIFIED EXISTING FDOT TYPE "H" INLET
POND 1A EXISTING CONTROL STRUCTURE CS-01

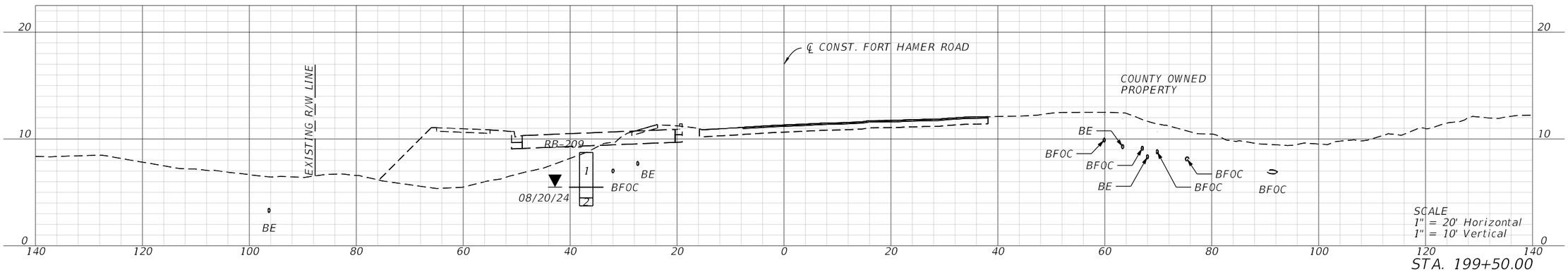
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			CONTROL STRUCTURE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	DETAILS (2)	110
					FORT HAMER	MANATEE	452856-1-34-01		

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

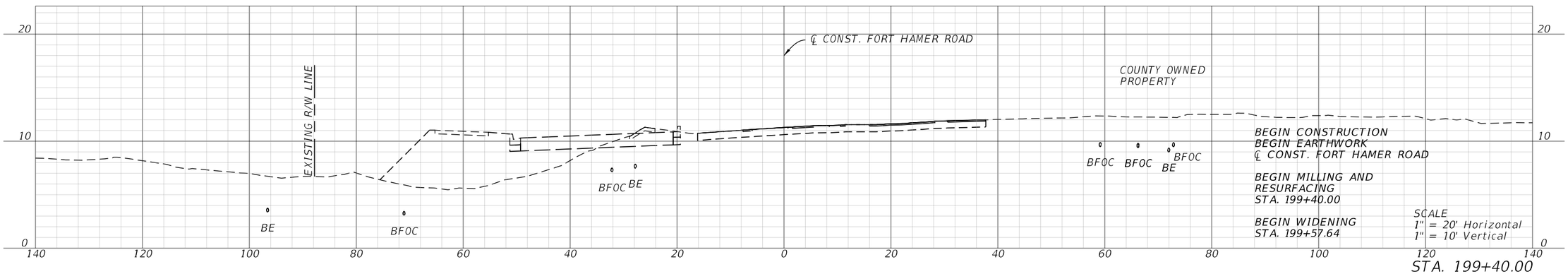
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Kaleigh.Cook 9/25/2025 5:13:14 PM



STA. 200+00.00



STA. 199+50.00

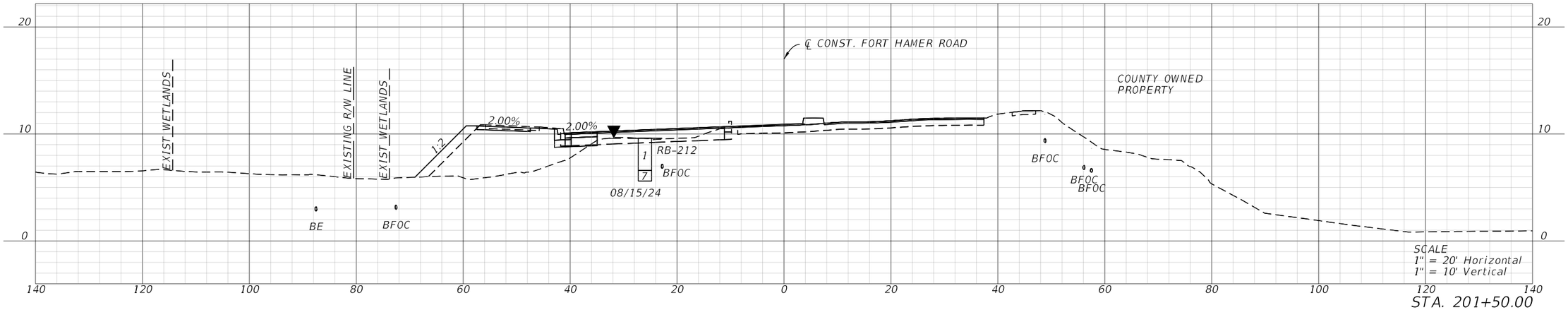


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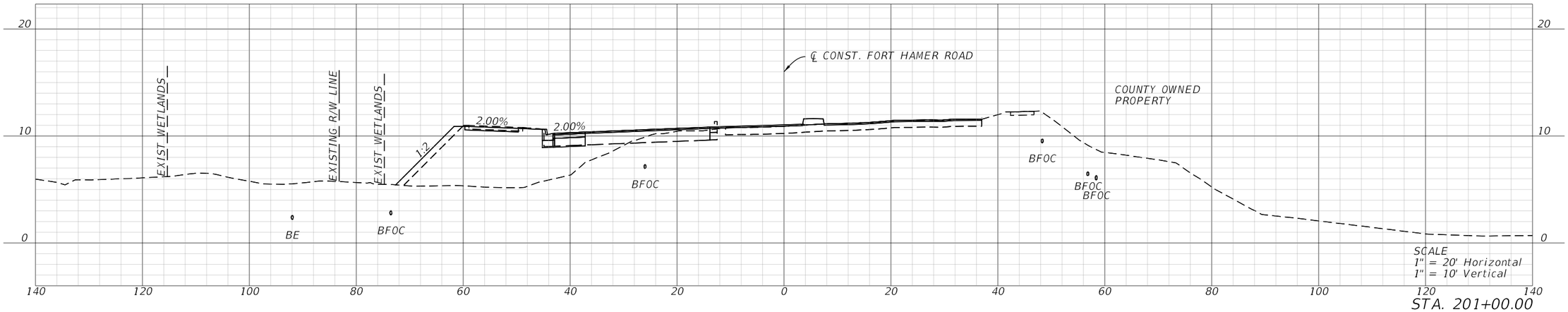
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		111
					FORT HAMER	MANATEE	452856-1-34-01		

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

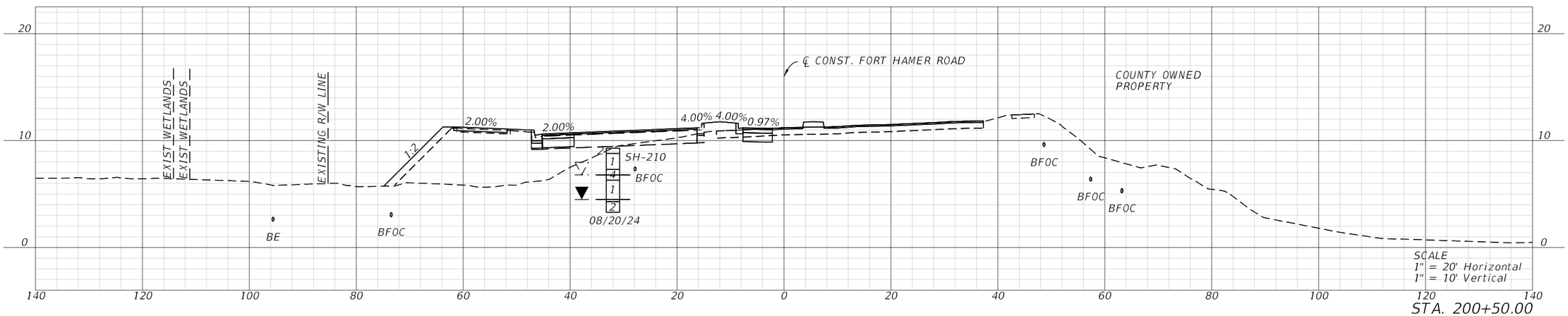
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Diego.Monsalve 9/25/2025 5:24:25 PM



STA. 201+50.00



STA. 201+00.00

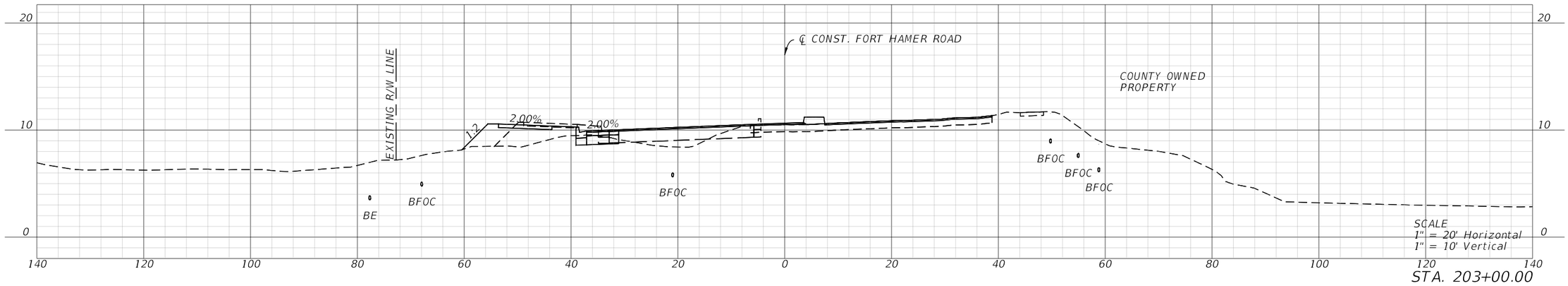


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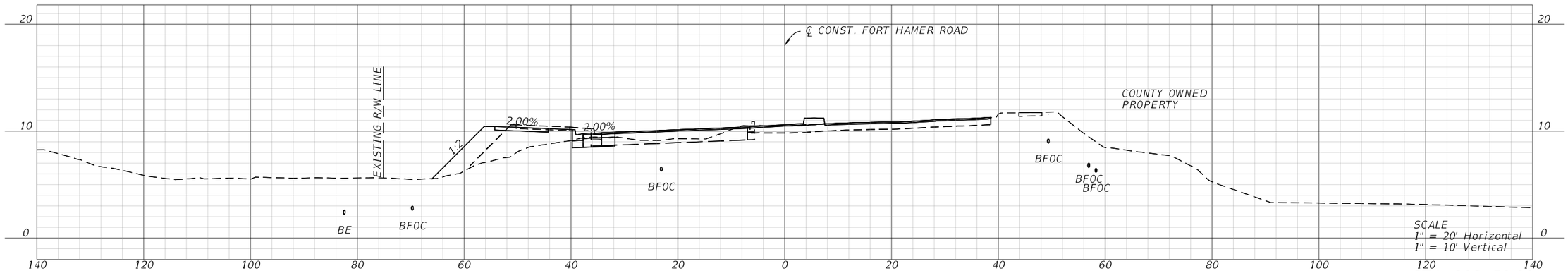
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		112
					FORT HAMER	MANATEE	452856-1-34-01		

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

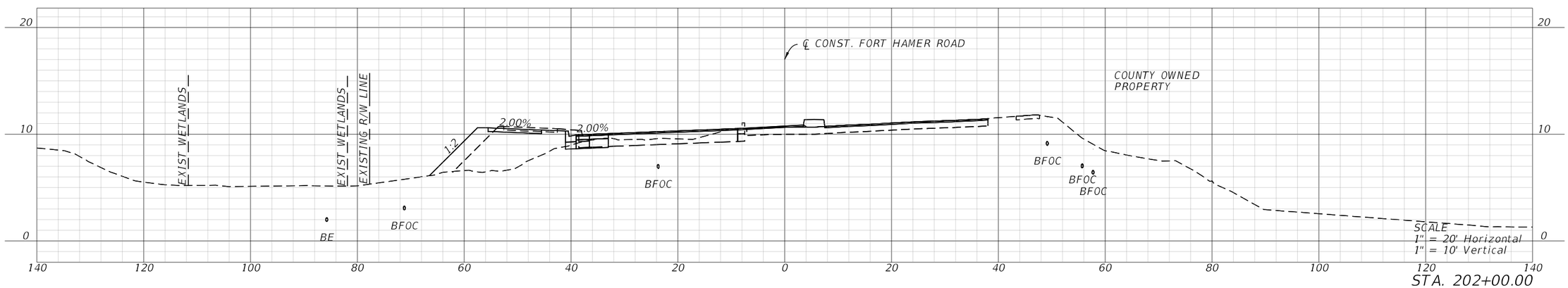
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Diego.Monsalve 9/25/2025 5:24:30 PM



STA. 203+00.00



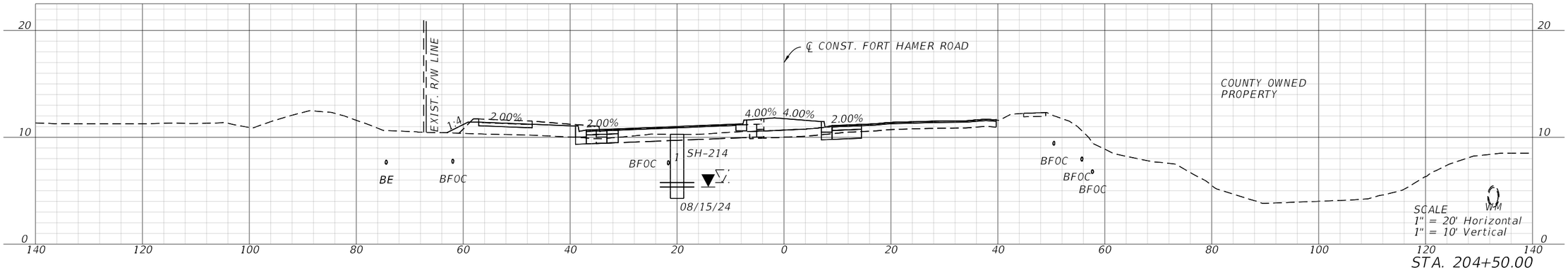
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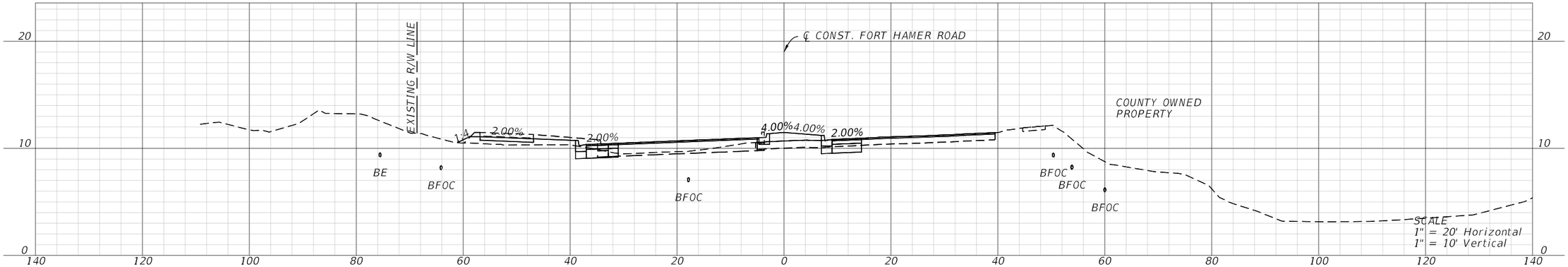
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REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	ROADWAY CROSS SECTIONS	113
					FORT HAMER	MANATEE	452856-1-34-01		

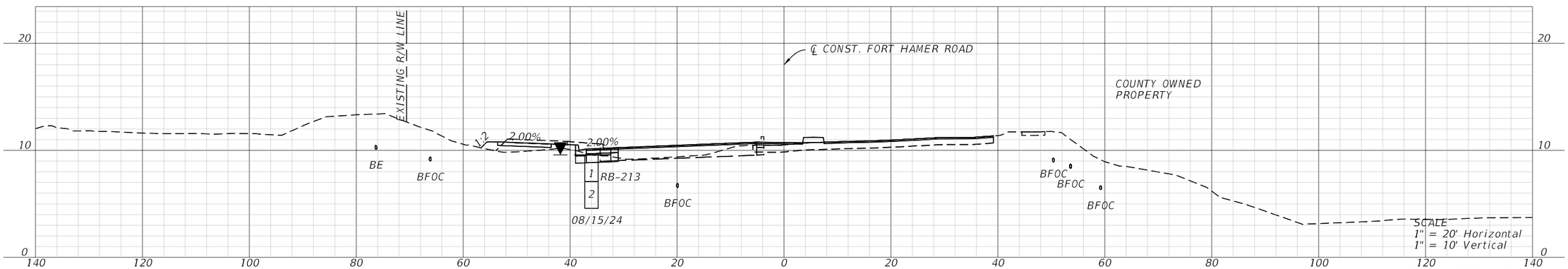
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



STA. 204+50.00



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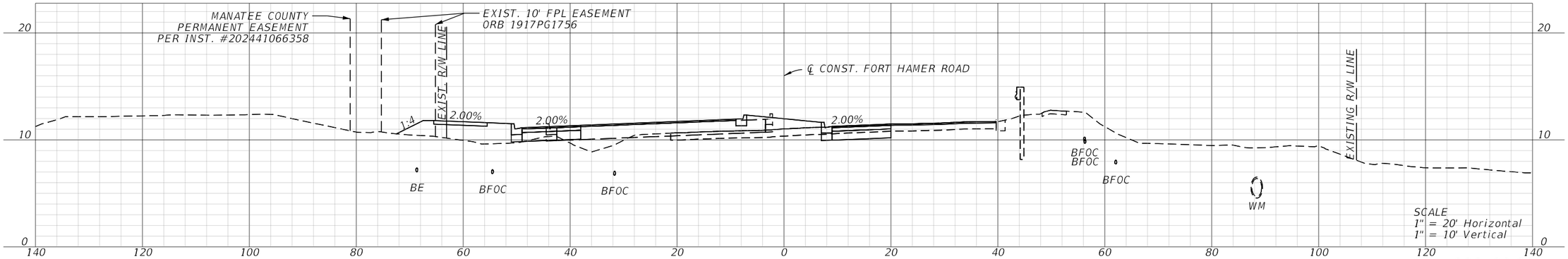


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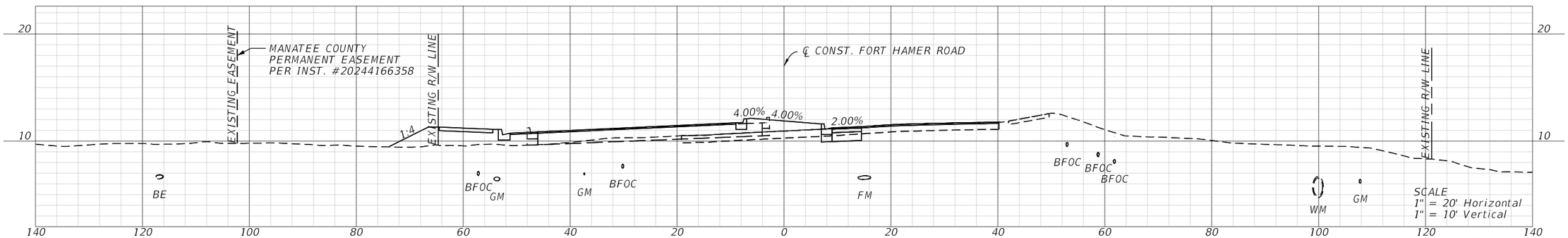
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		114
					FORT HAMER	MANATEE	452856-1-34-01		

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

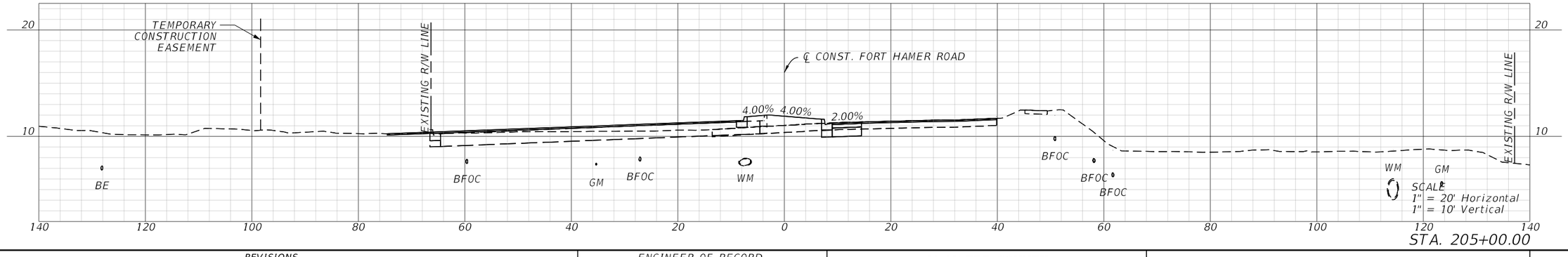
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Diego.Monsalve 9/25/2025 5:24:35 PM



STA. 206+00.00



STA. 205+50.00

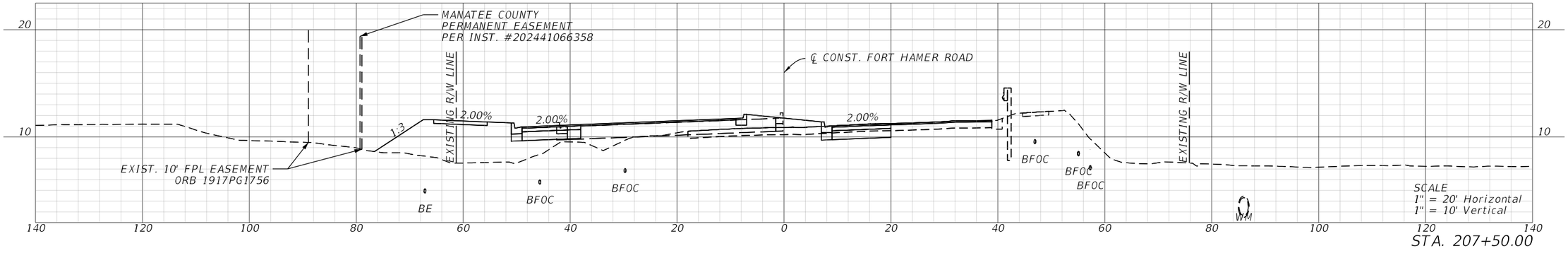


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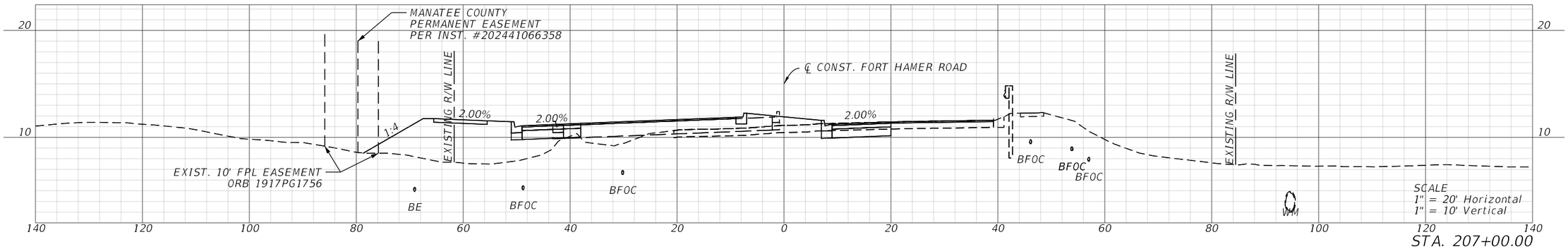
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		115
					FORT HAMER	MANATEE	452856-1-34-01		

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

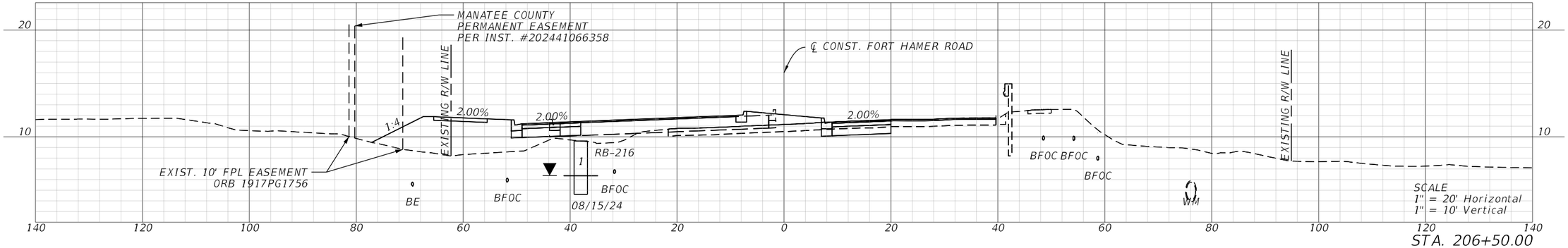
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Diego.Monsalve 9/25/2025 5:24:37 PM



STA. 207+50.00



STA. 207+00.00

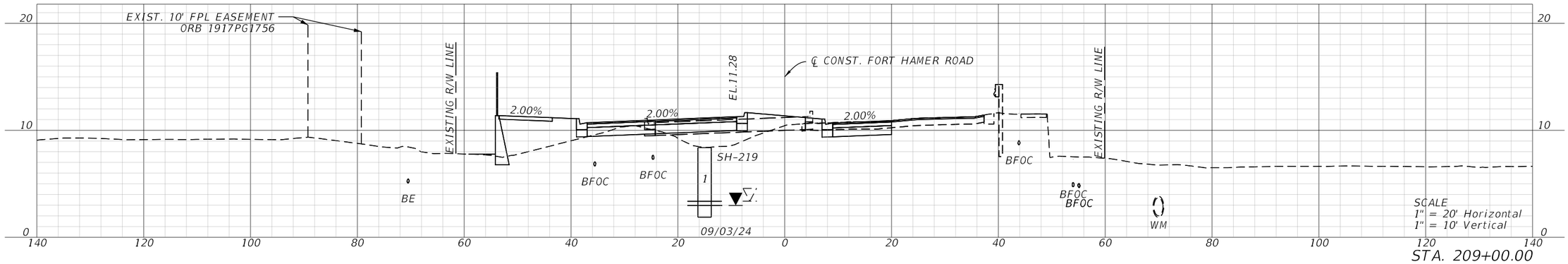


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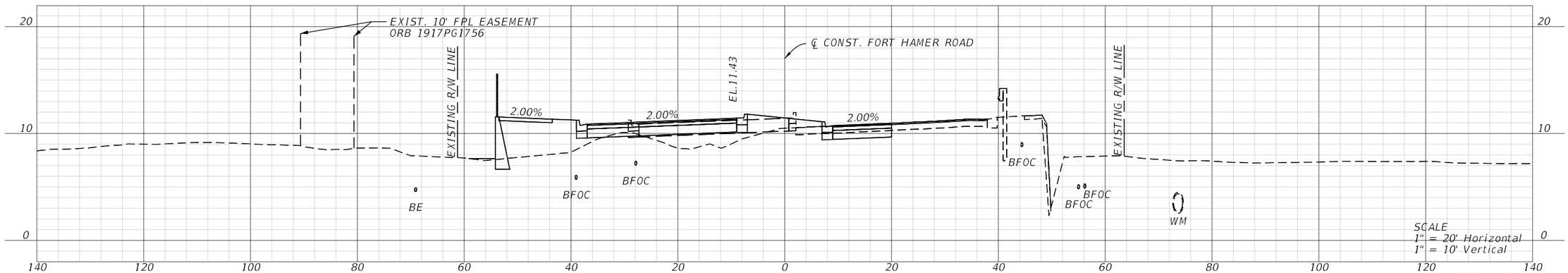
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		116
					FORT HAMER	MANATEE	452856-1-34-01		

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

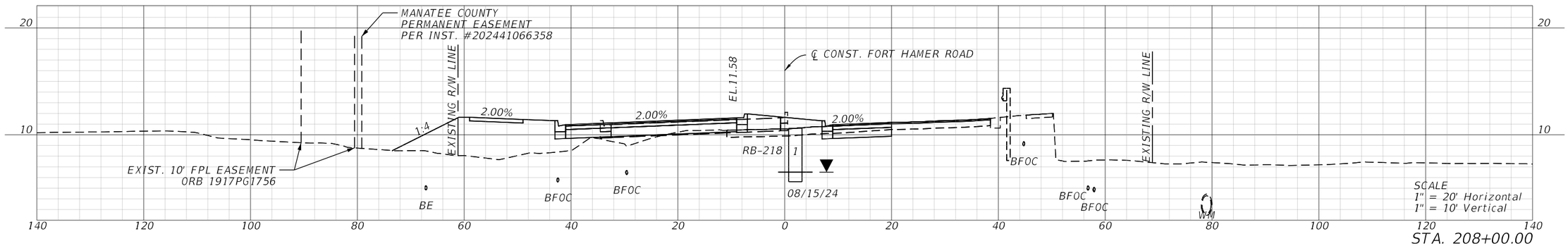
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Diego.Monsalve 9/25/2025 5:24:39 PM



STA. 209+00.00



STA. 208+50.00



STA. 208+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

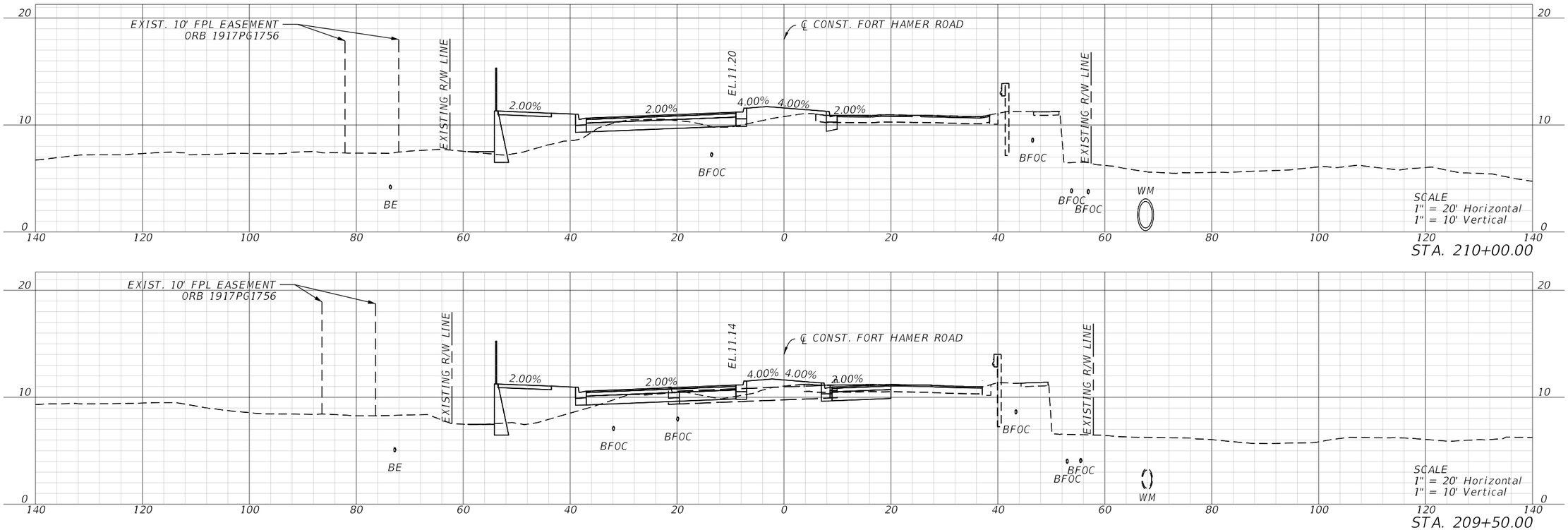
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY CROSS SECTIONS

SHEET NO. 117

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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Diego.Monsalve 9/25/2025 5:24:42 PM



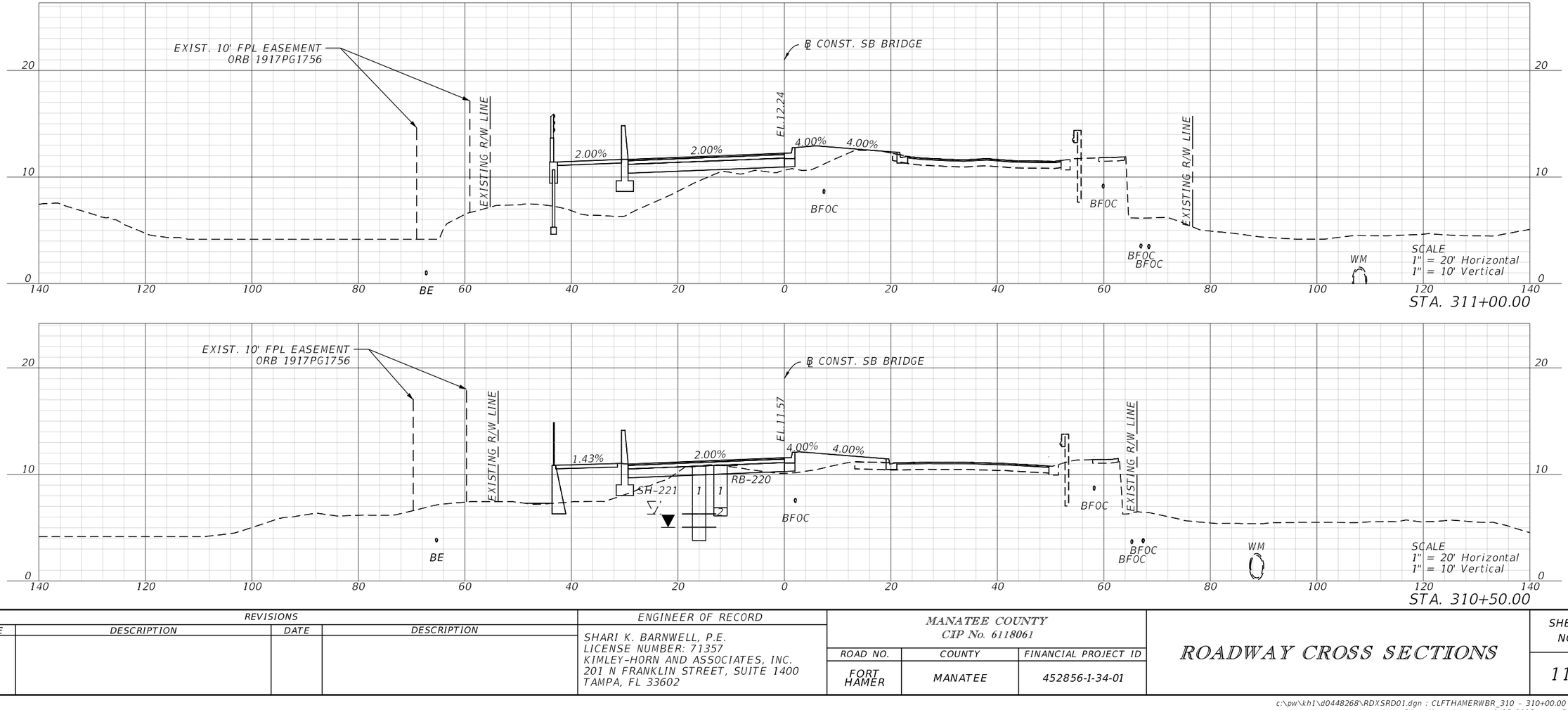
STA. 210+00.00

STA. 209+50.00

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		118
					FORT HAMER	MANATEE	452856-1-34-01		

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

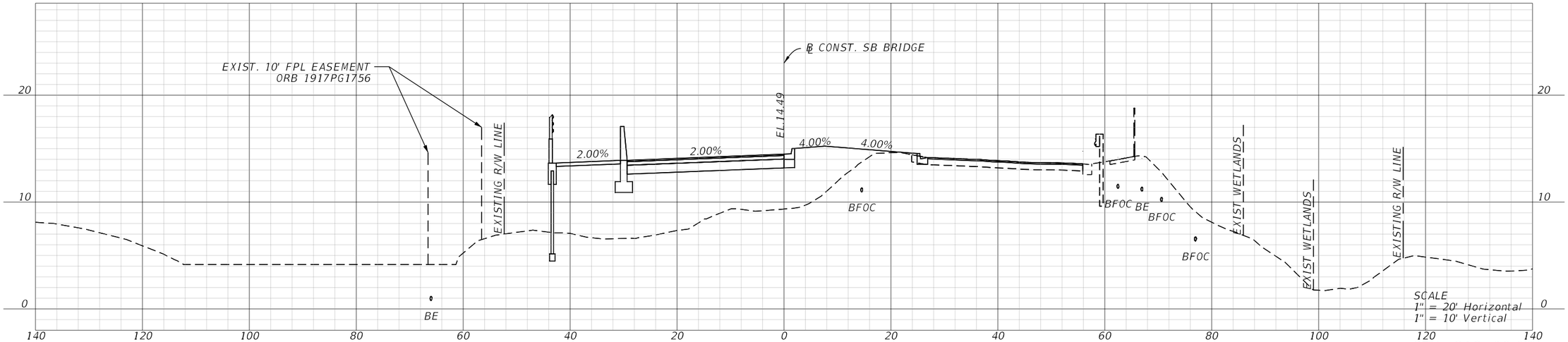
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Diego.Monsalve 9/25/2025 5:24:44 PM



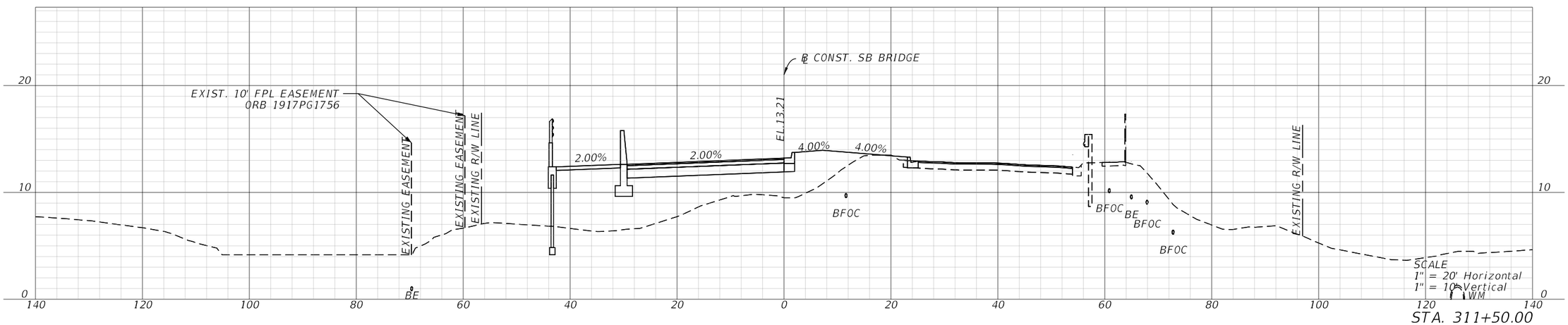
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		119
					FORT HAMER	MANATEE	452856-1-34-01		

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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Diego.Monsalve 9/25/2025 5:24:46 PM



STA. 312+00.00

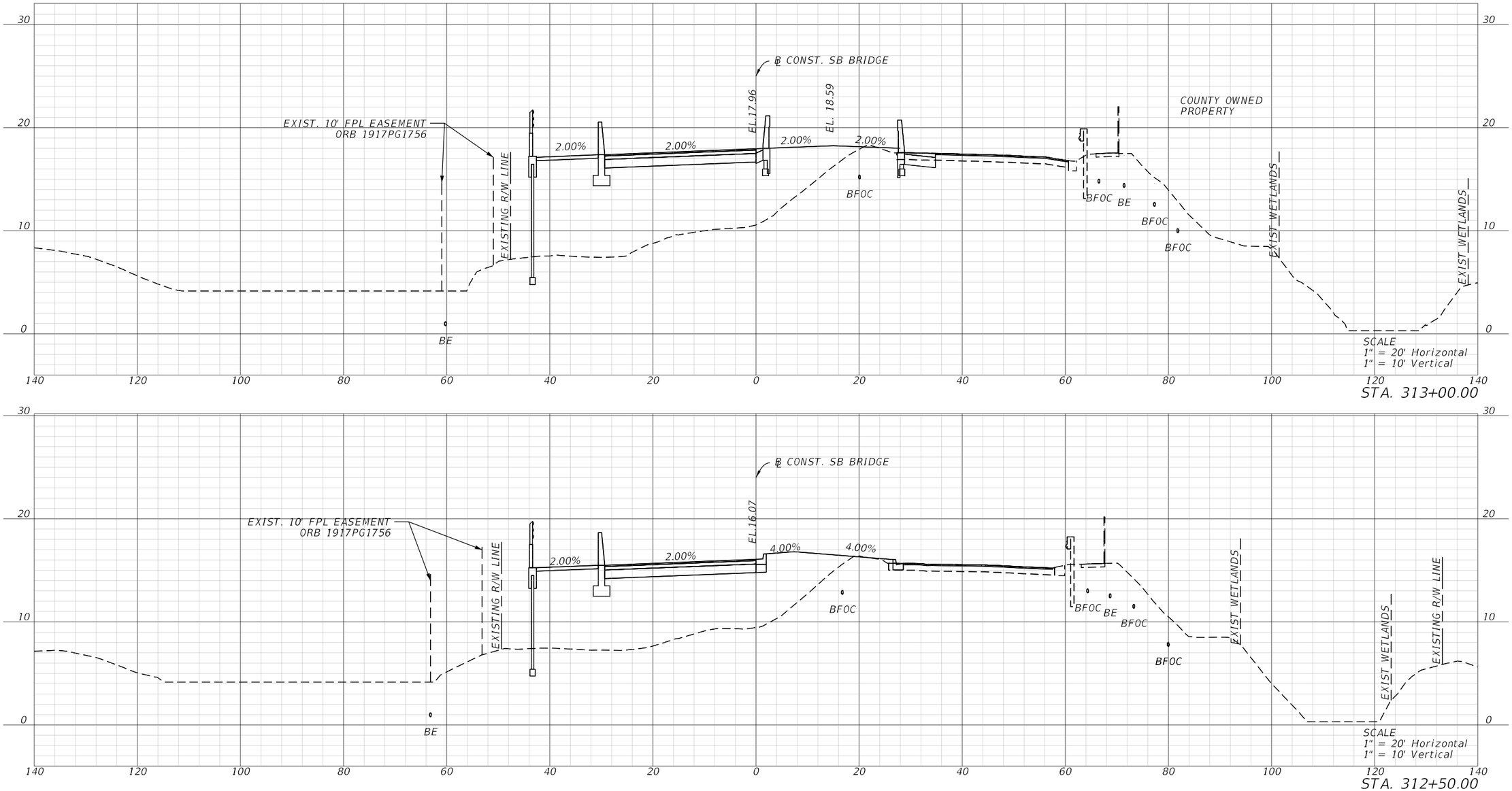


STA. 311+50.00

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		120
					FORT HAMER	MANATEE	452856-1-34-01		

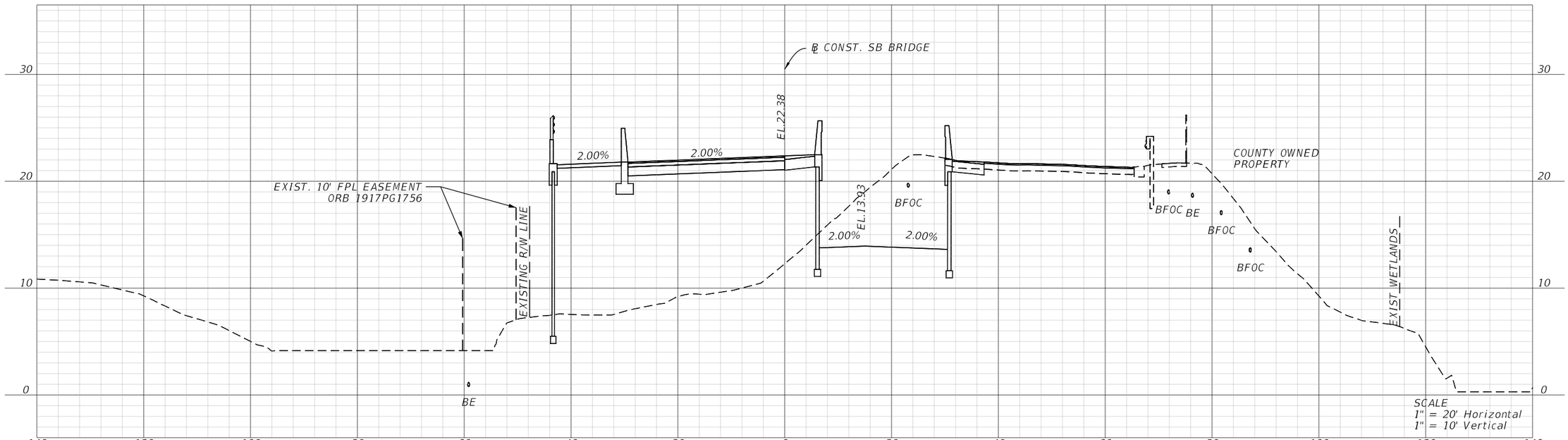
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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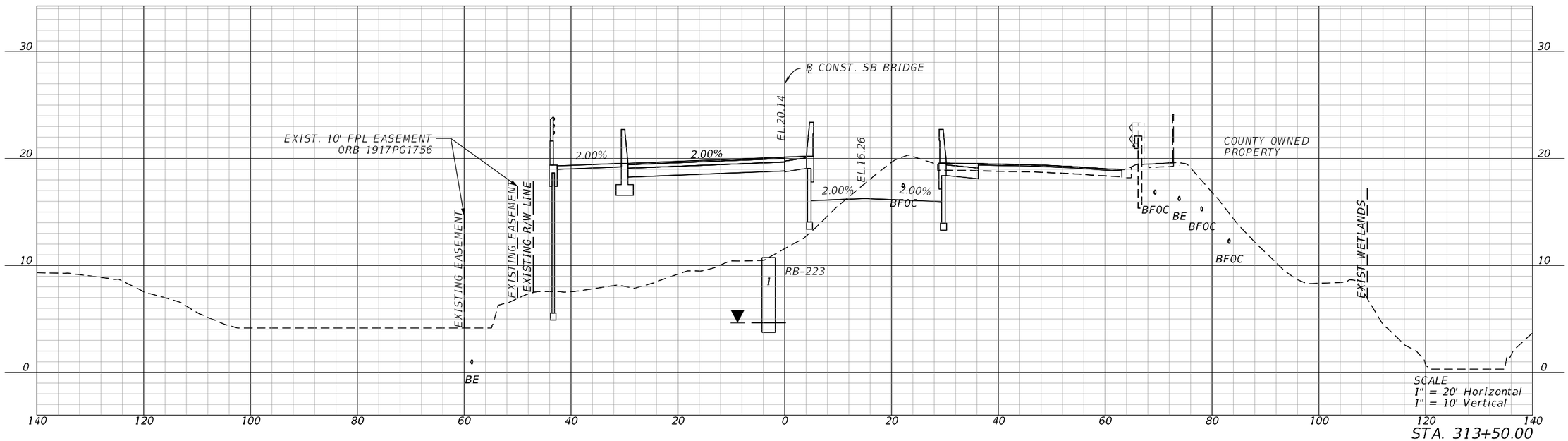


REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		121
					FORT HAMER	MANATEE	452856-1-34-01		

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



STA. 314+00.00



STA. 313+50.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY CROSS SECTIONS

SHEET NO. 122

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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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY CROSS SECTIONS

SHEET NO.
123

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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BRIDGE #1341XX
STA. 315+73.59 TO STA.338+81.81

BRIDGE #134123
STA. 416+06.31 TO STA. 439+32.81

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

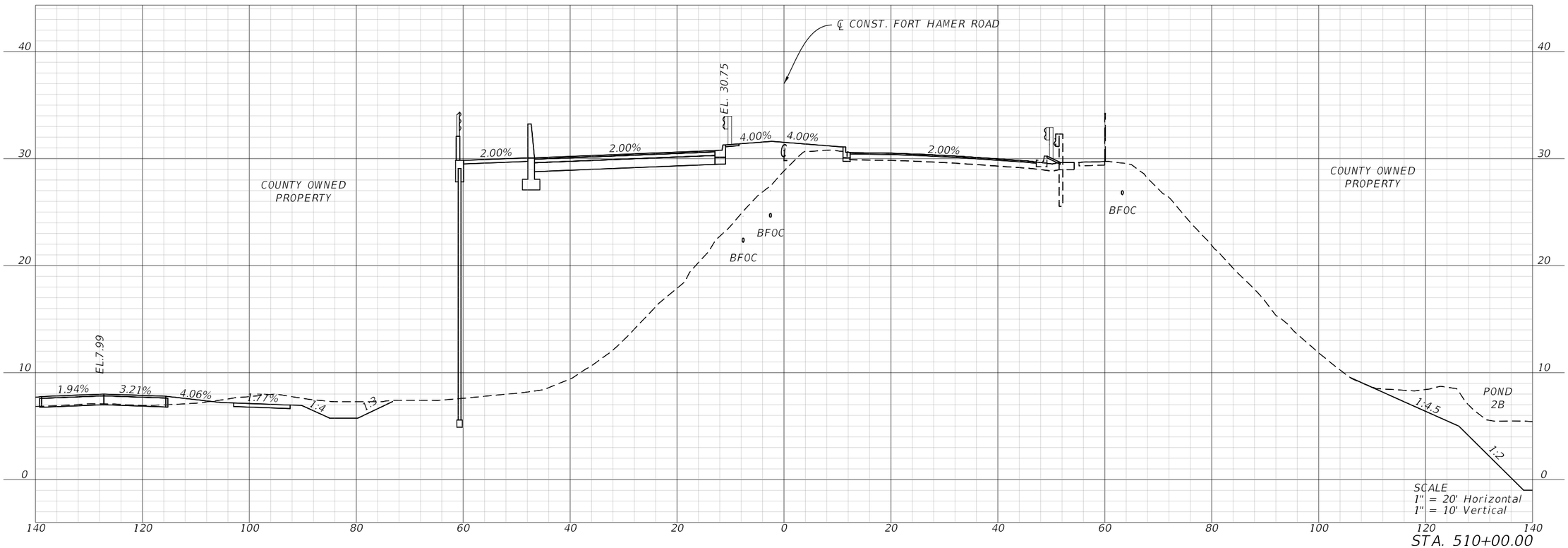
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY CROSS SECTIONS

SHEET NO.
124

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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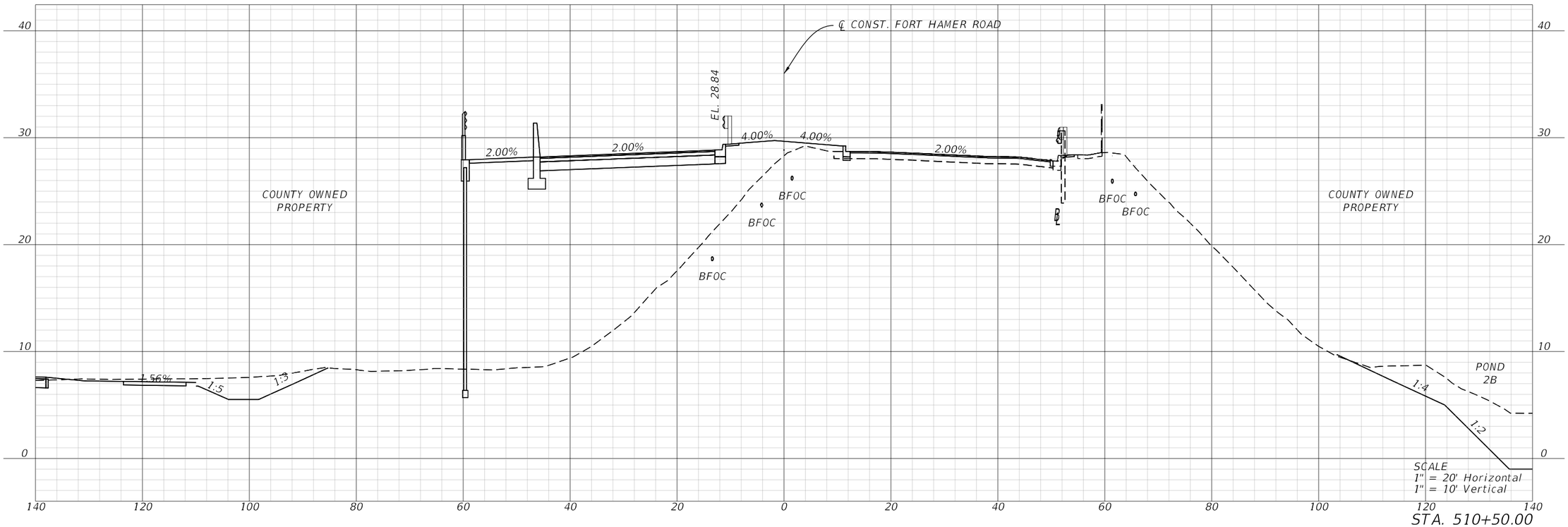


STA. 510+00.00

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		125
					FORT HAMER	MANATEE	452856-1-34-01		

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Diego.Monsalve 9/25/2025 5:25:33 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY CROSS SECTIONS

SHEET NO. 126

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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Diego.Monsalve 9/25/2025 5:25:41 PM

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

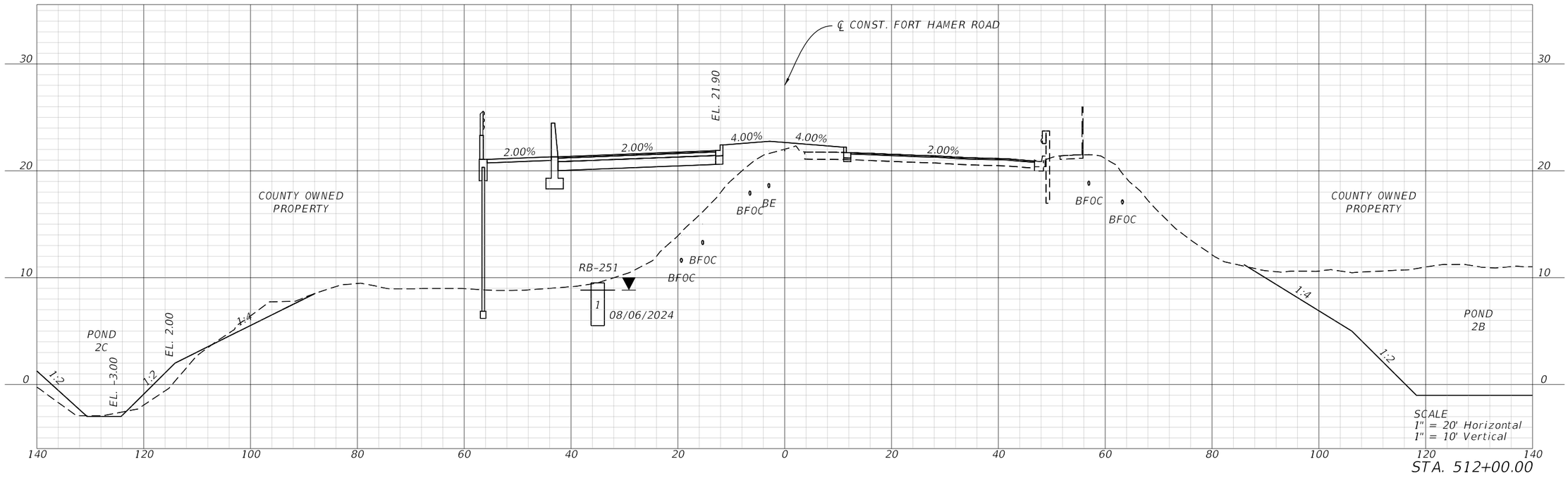
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

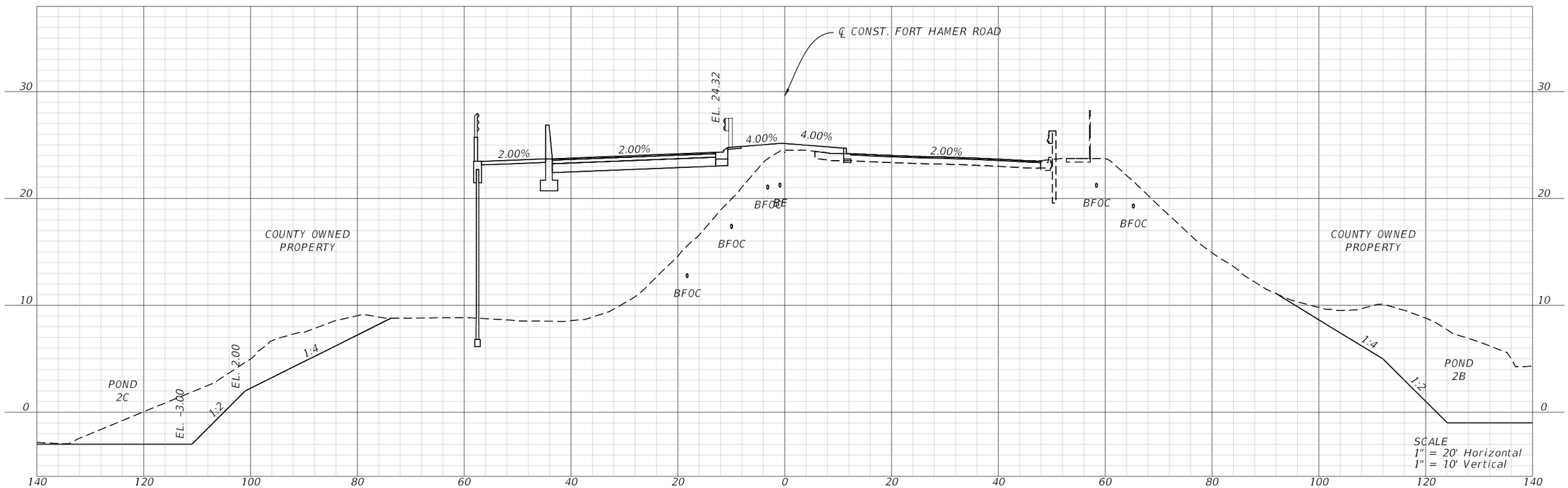
ROADWAY CROSS SECTIONS

SHEET NO. 127

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Diego.Monsalve 9/26/2025 8:02:33 AM



STA. 512+00.00



STA. 511+50.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

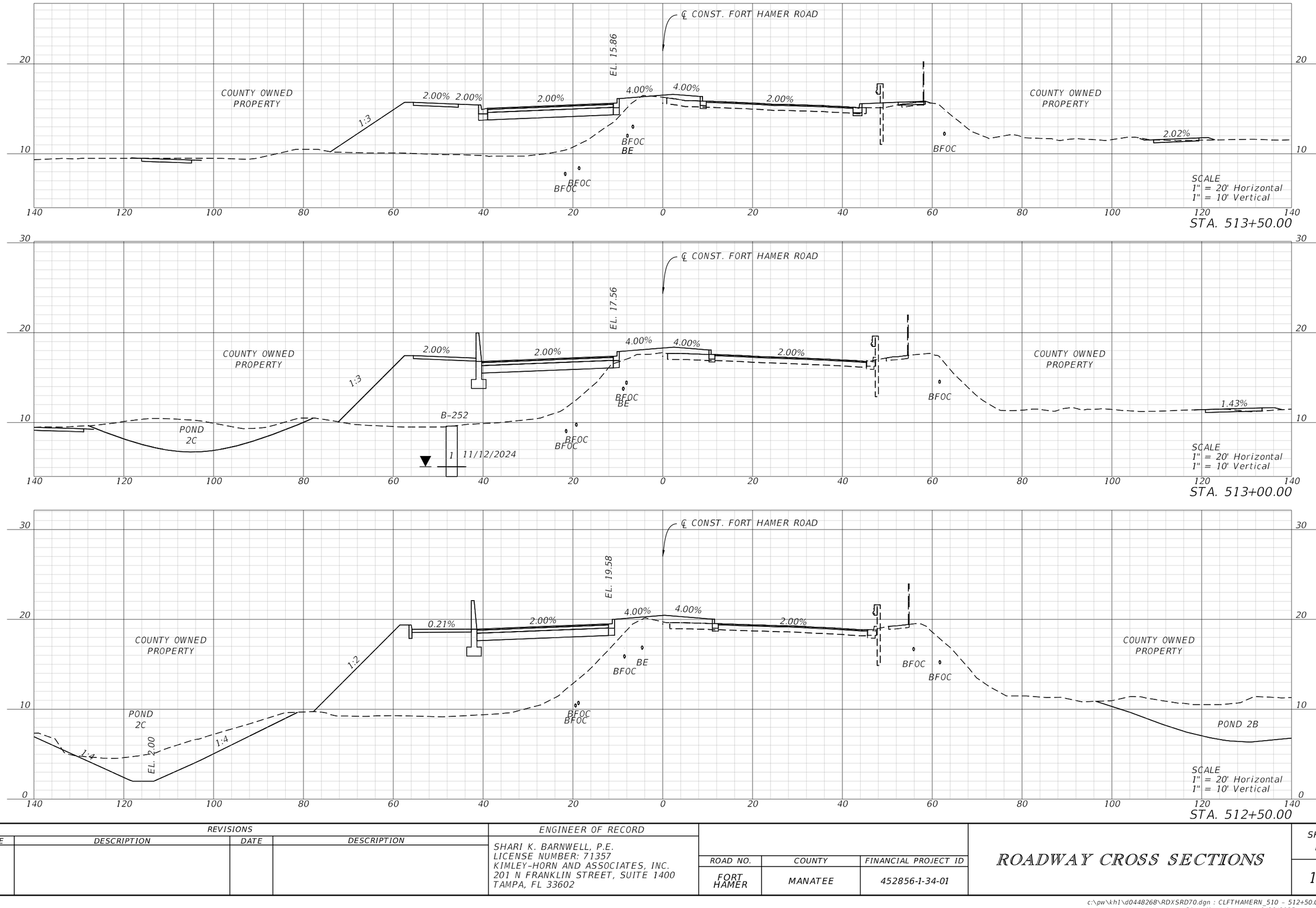
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY CROSS SECTIONS

SHEET NO. 128

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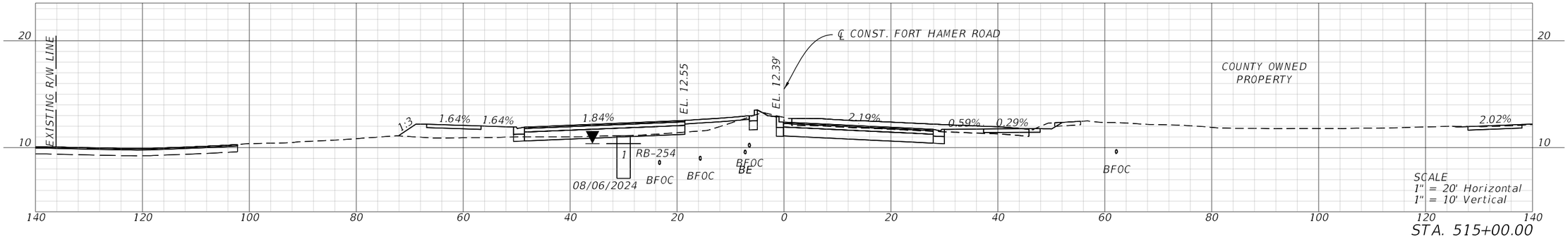
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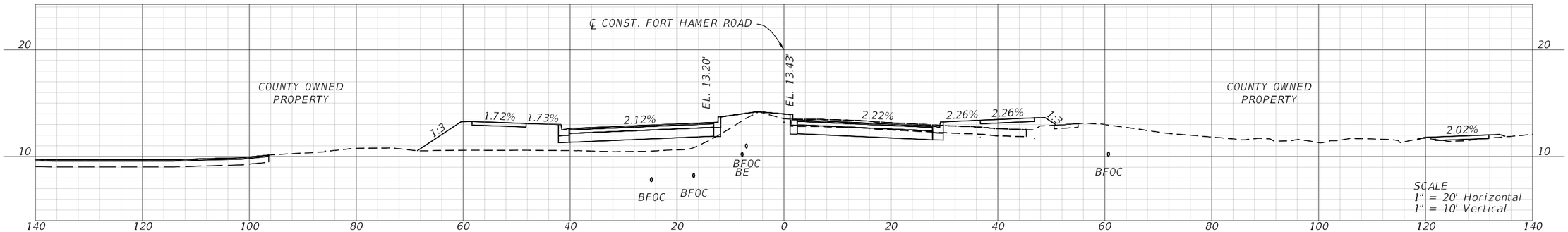
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DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	ROADWAY CROSS SECTIONS
					FORT HAMER	MANATEE	452856-1-34-01	SHEET NO. 129

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

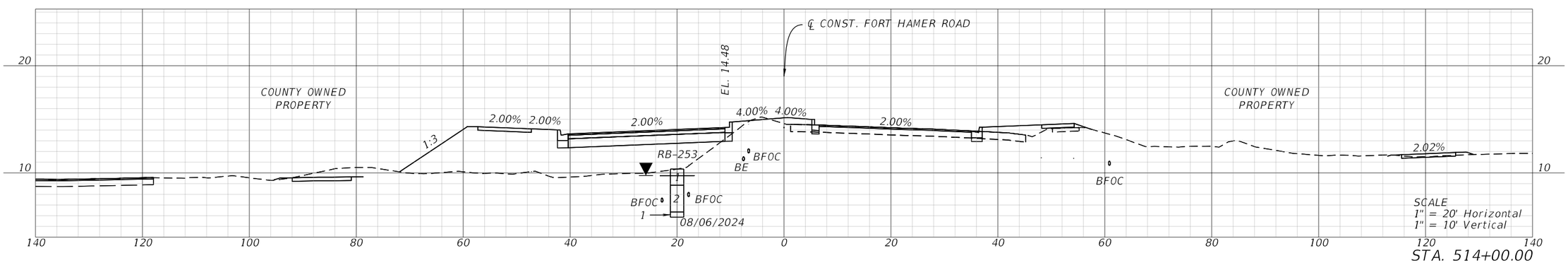
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STA. 515+00.00



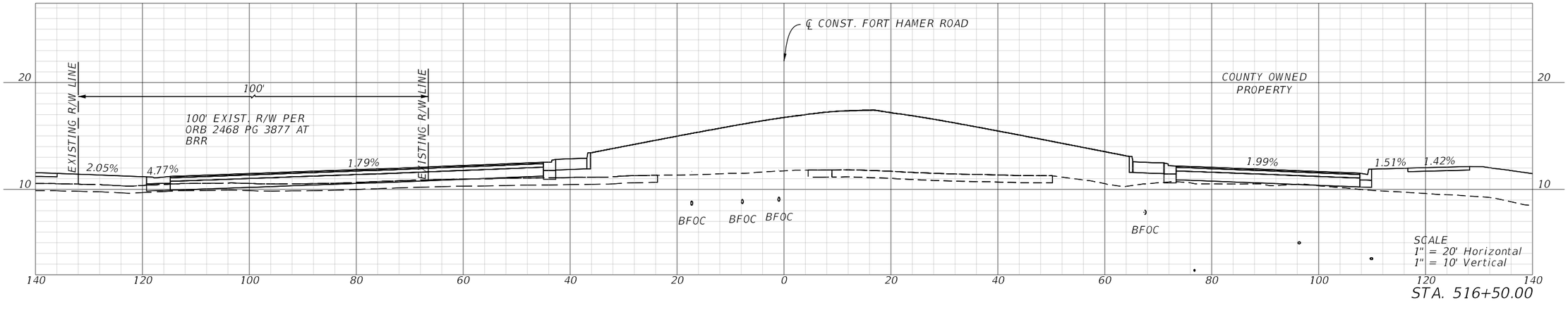
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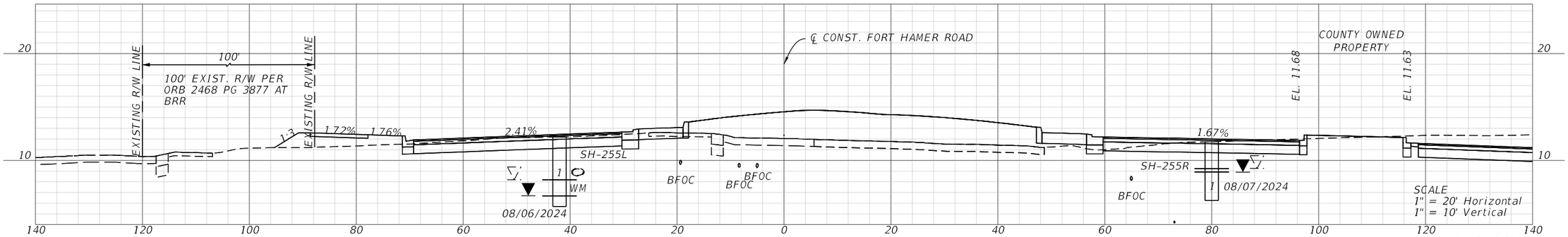
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REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		130
					FORT HAMER	MANATEE	452856-1-34-01		

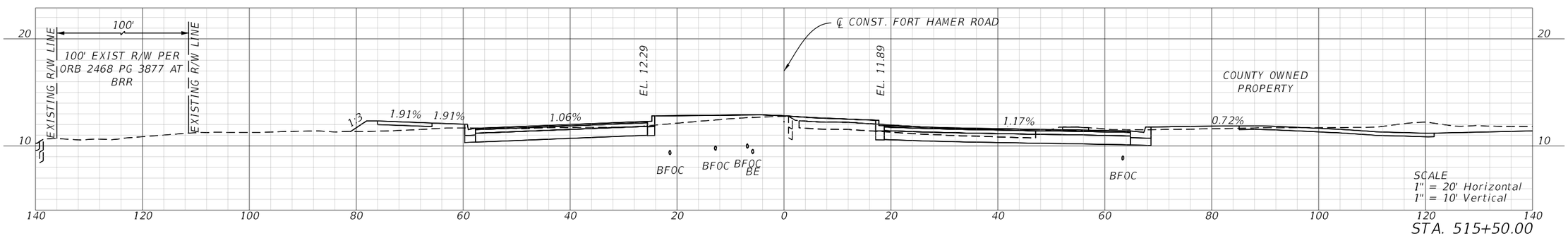
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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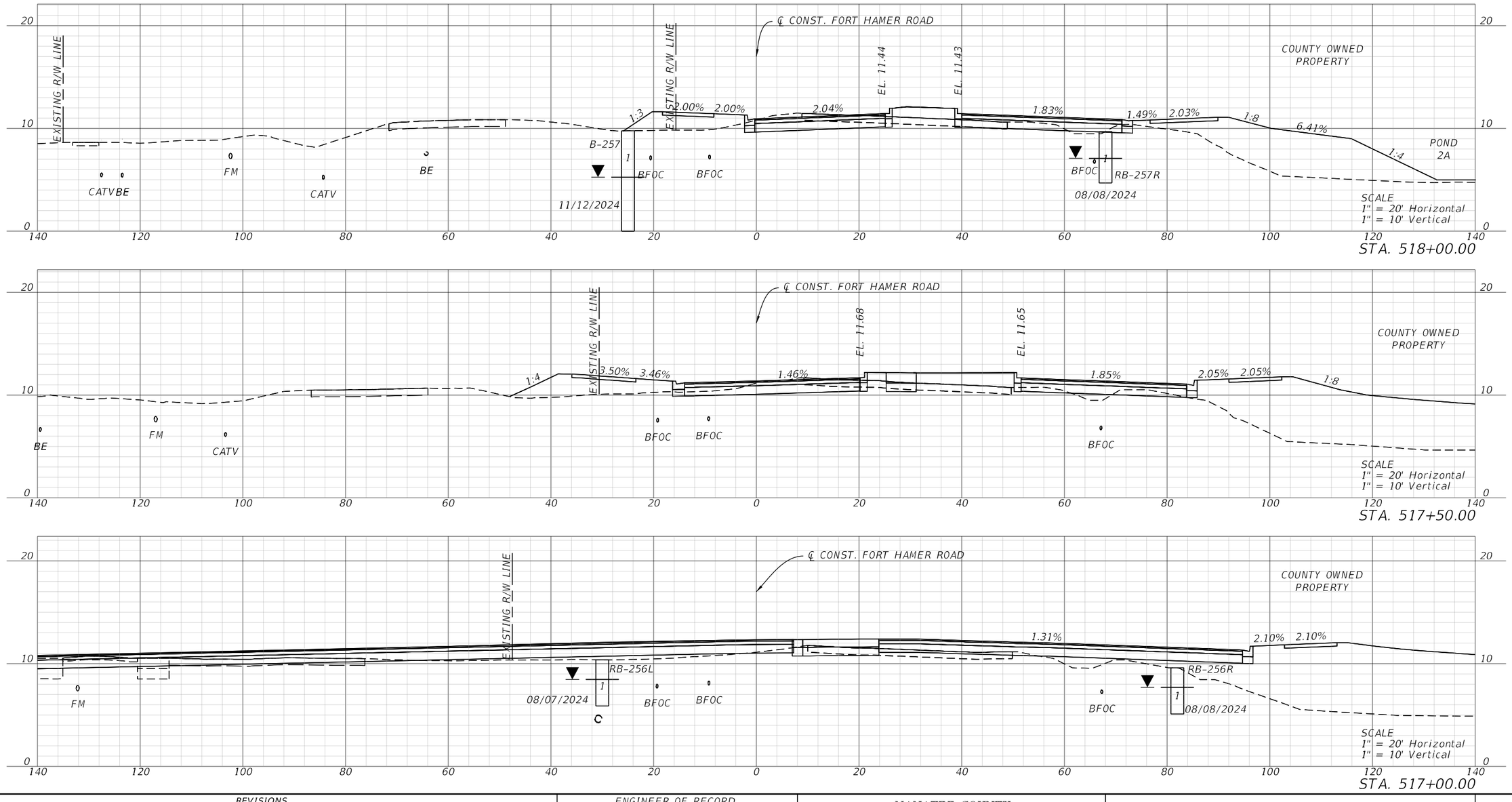


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REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		131
					FORT HAMER	MANATEE	452856-1-34-01		

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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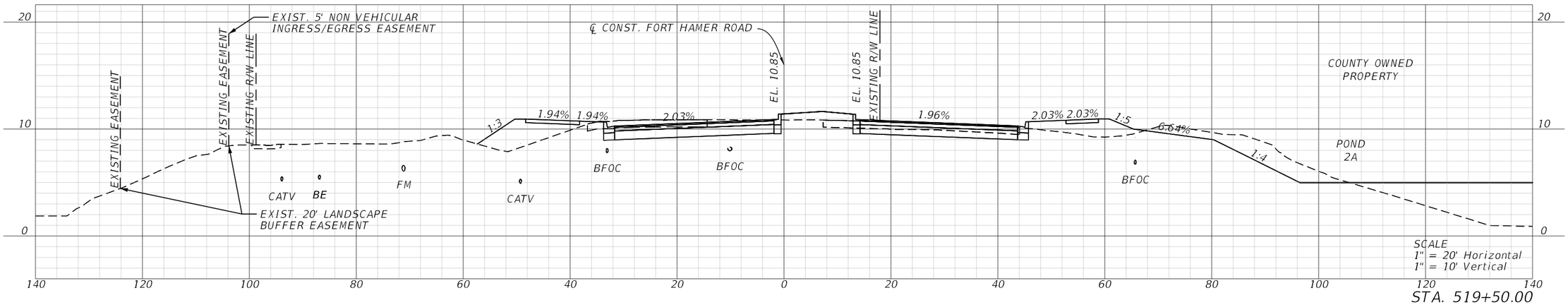
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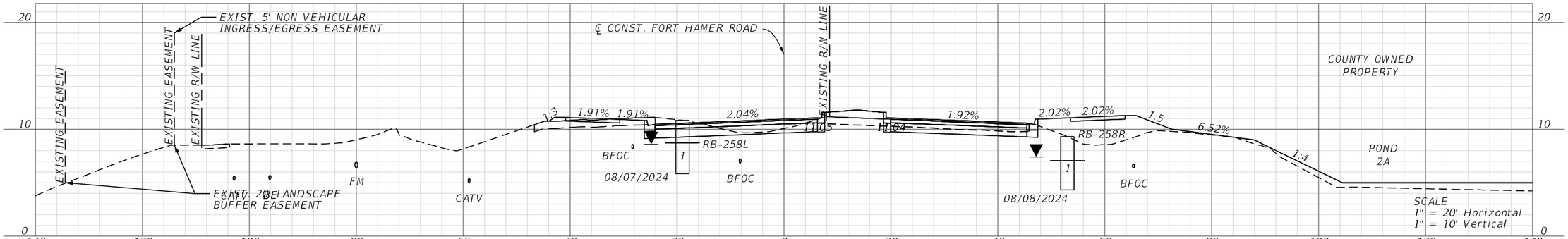
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		132
					FORT HAMER	MANATEE	452856-1-34-01		

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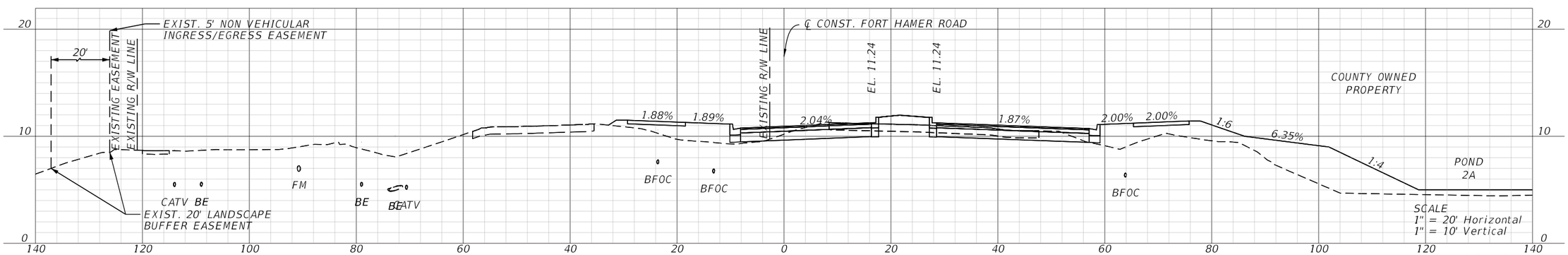
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Diego.Monsalve 9/25/2025 5:25:57 PM



STA. 519+50.00



STA. 519+00.00

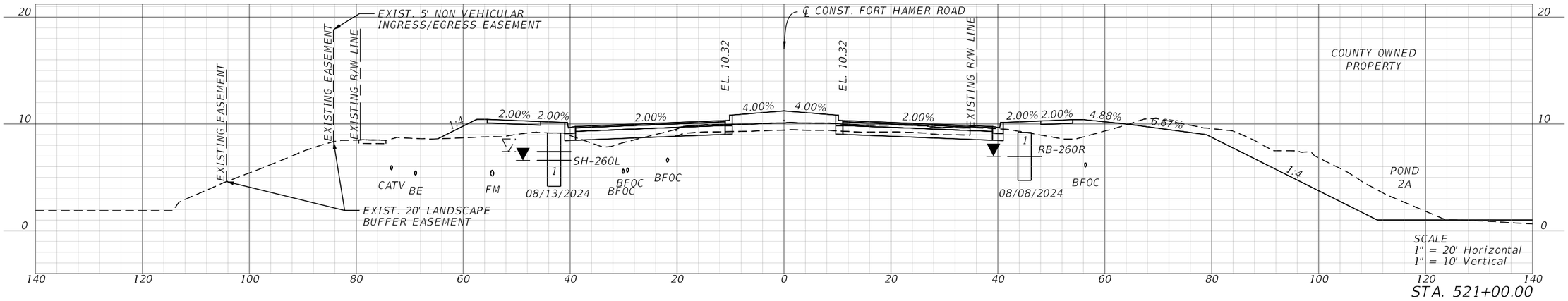


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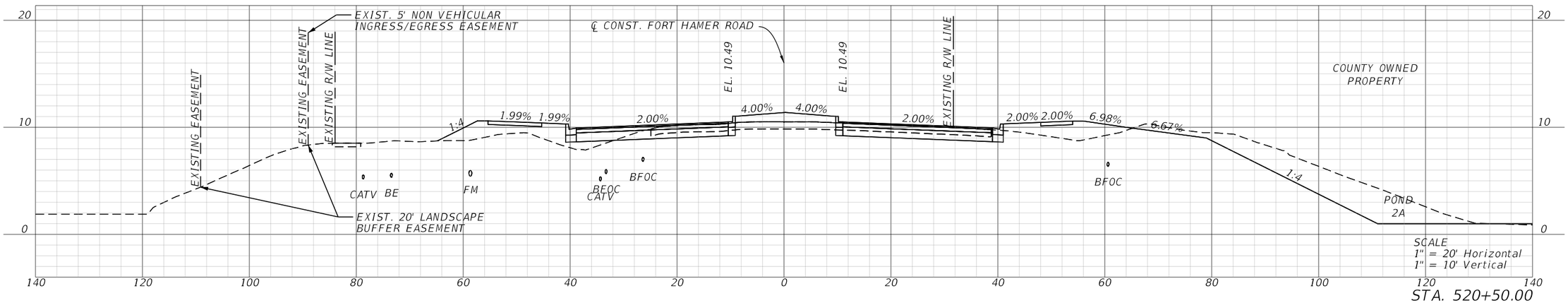
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		133
					FORT HAMER	MANATEE	452856-1-34-01		

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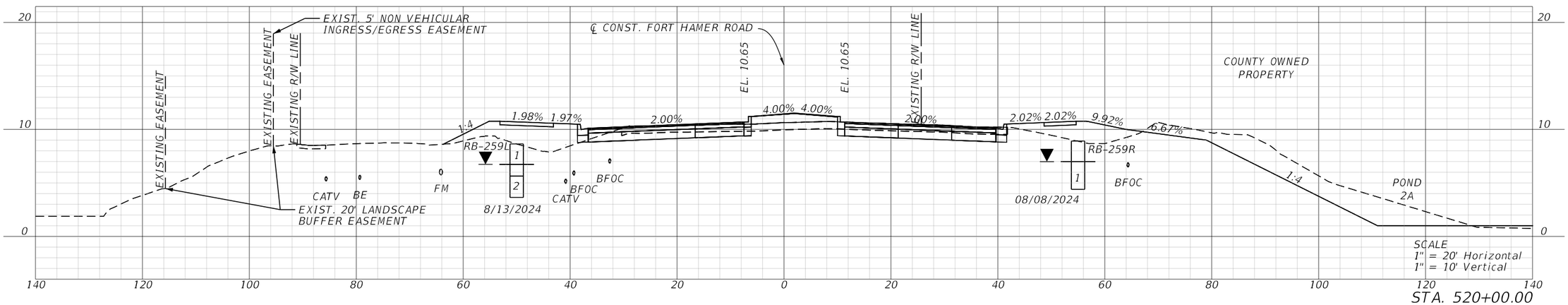
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Diego.Monsalve 9/25/2025 5:26:03 PM



STA. 521+00.00



STA. 520+50.00

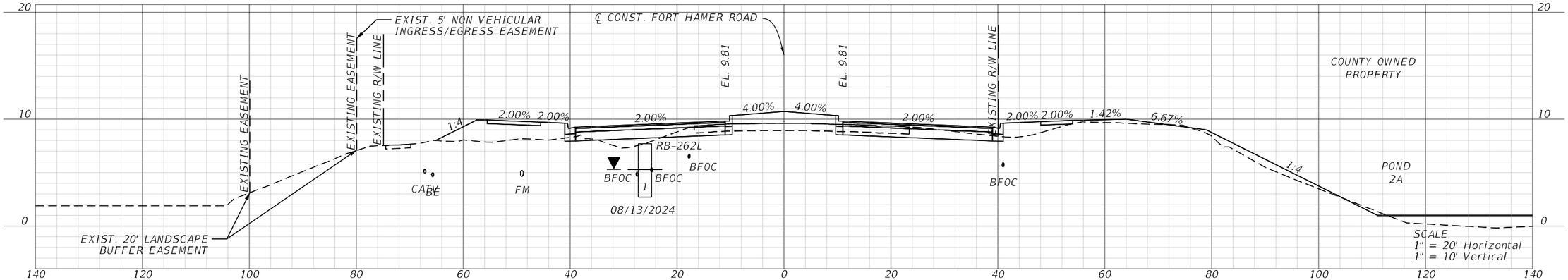


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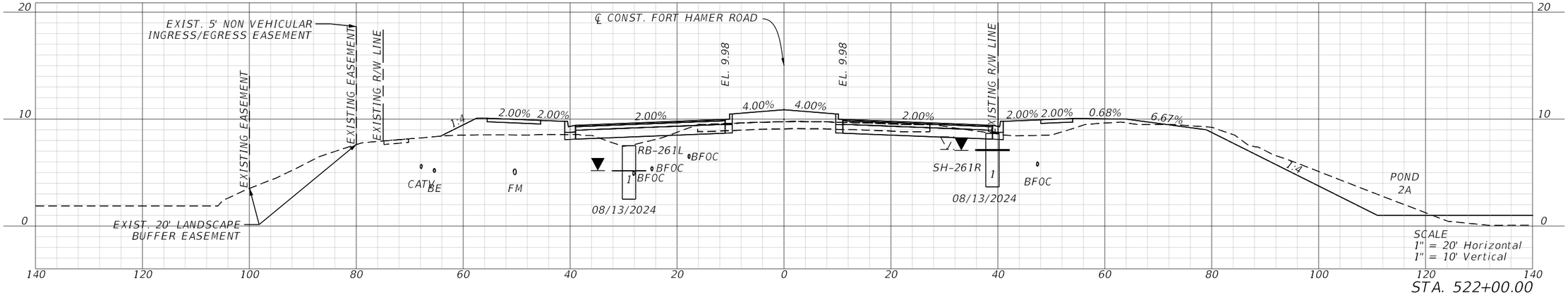
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		134
					FORT HAMER	MANATEE	452856-1-34-01		

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

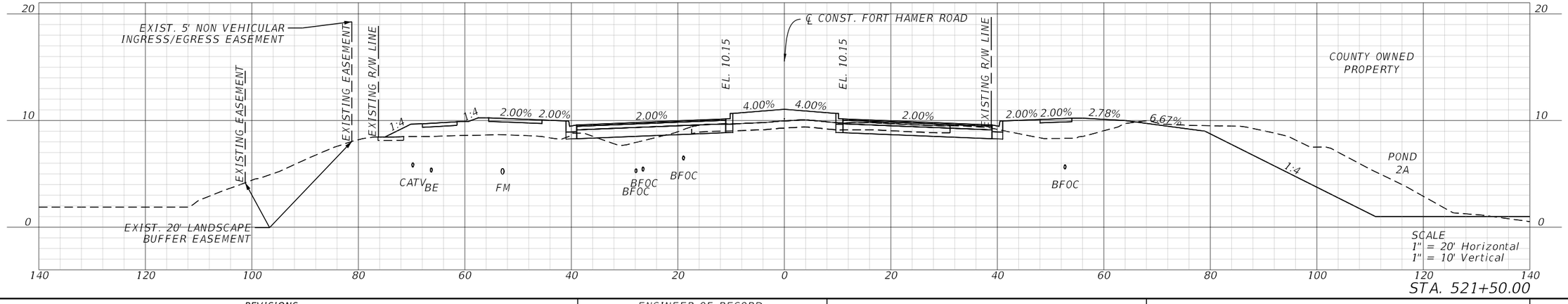
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Diego.Monsalve 9/25/2025 5:26:06 PM



STA. 522+50.00



STA. 522+00.00



STA. 521+50.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

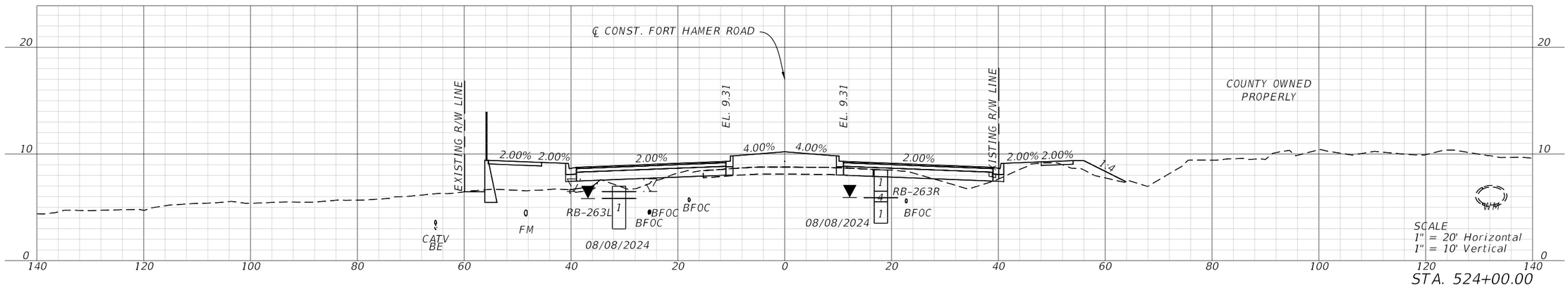
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY CROSS SECTIONS

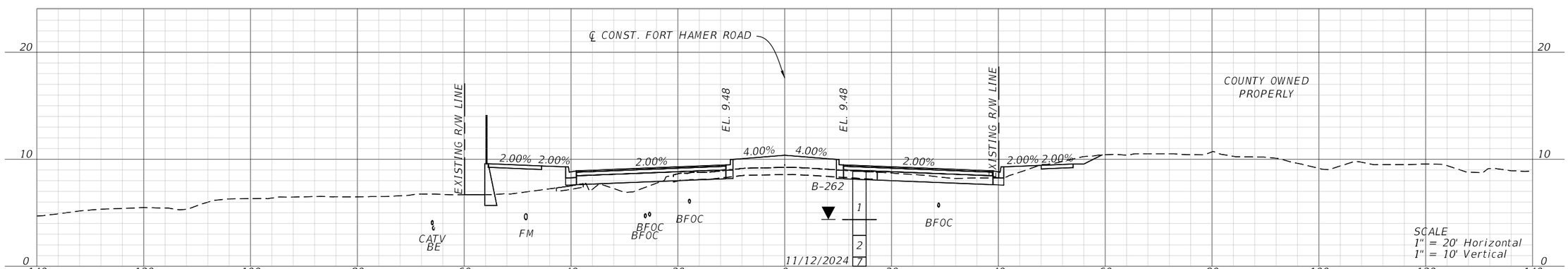
SHEET NO. 135

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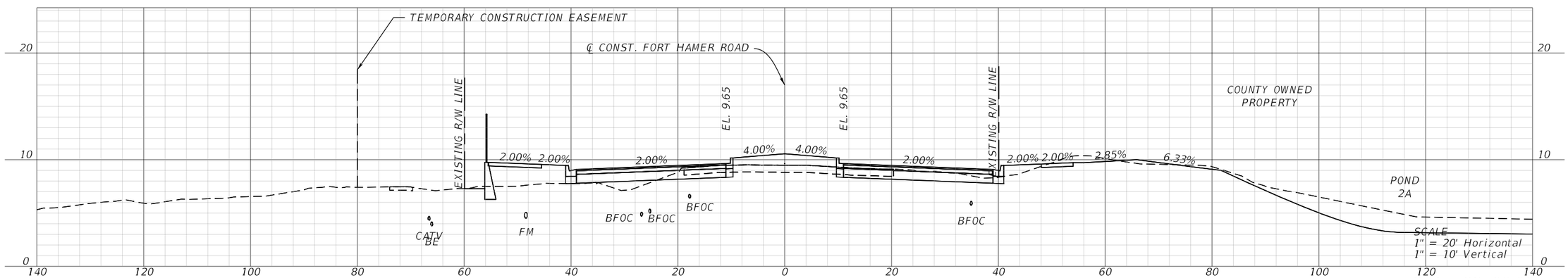
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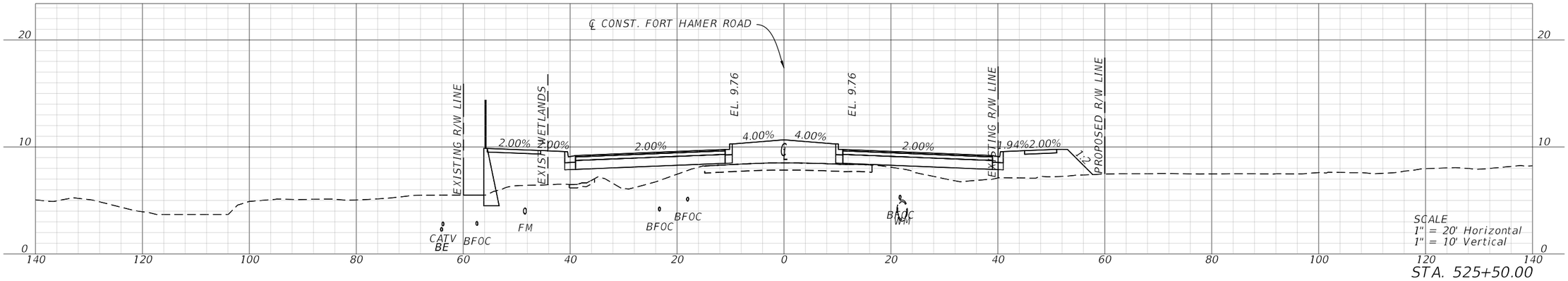
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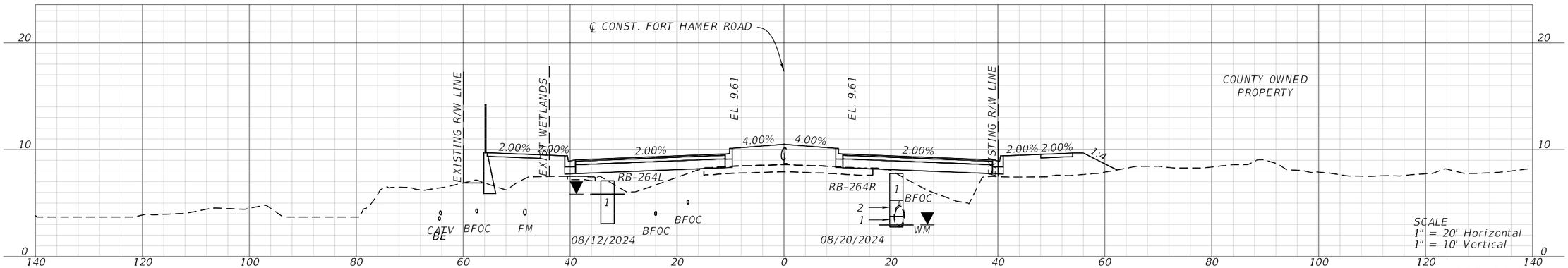


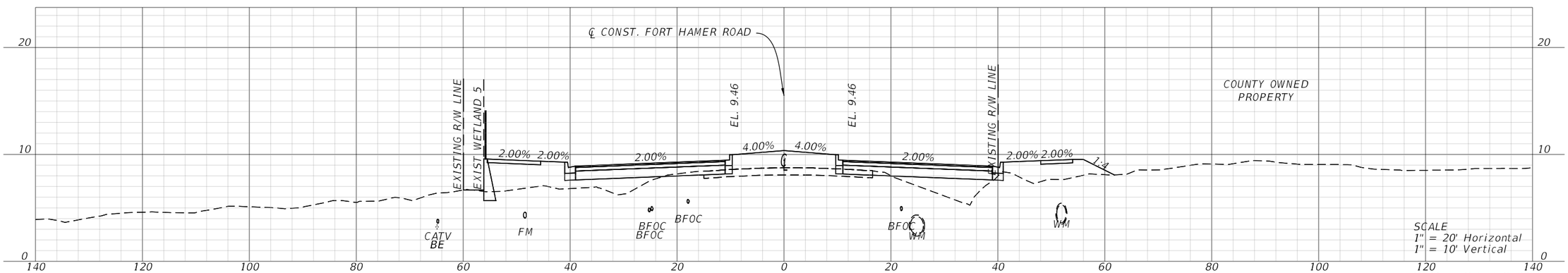
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REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		136
					FORT HAMER	MANATEE	452856-1-34-01		

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



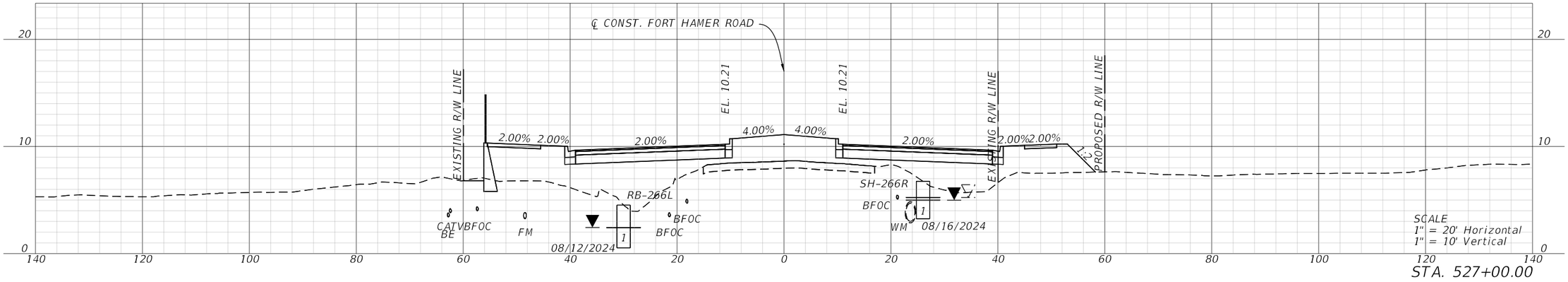




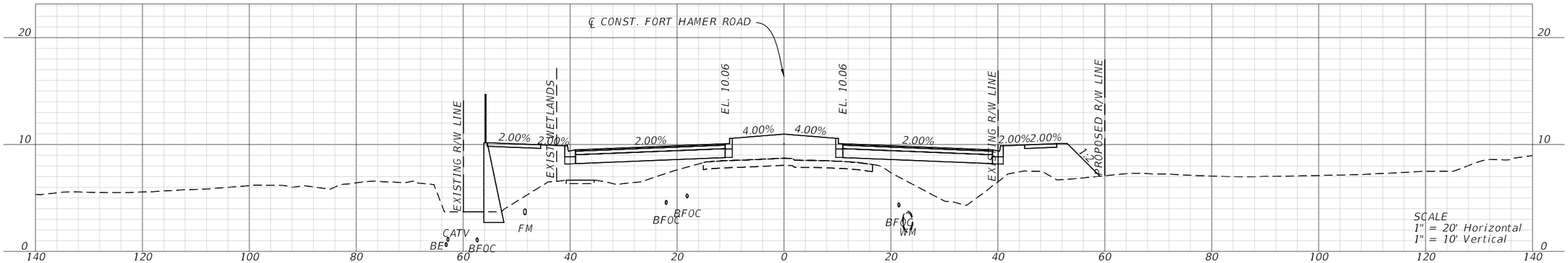
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		137
					FORT HAMER	MANATEE	452856-1-34-01		

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

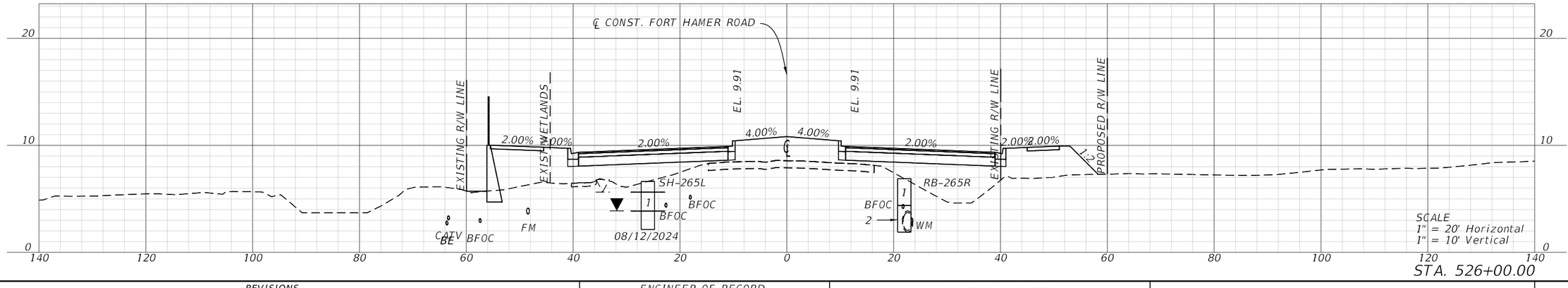
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Diego.Monsalve 9/25/2025 5:26:15 PM



STA. 527+00.00



STA. 526+50.00



STA. 526+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

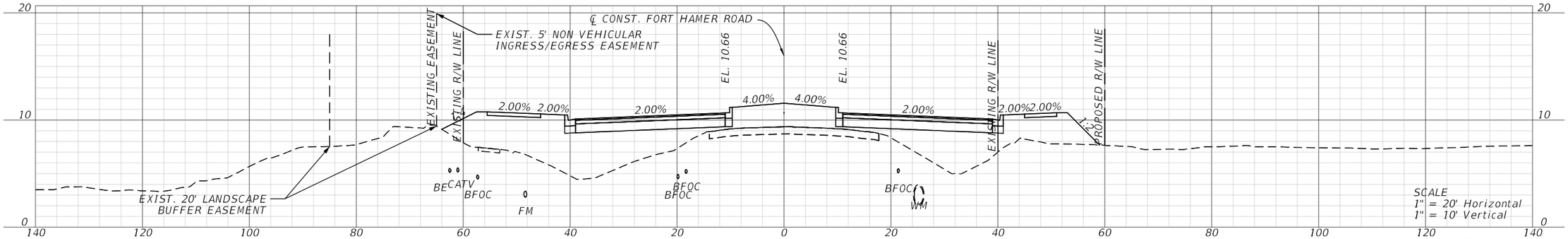
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY CROSS SECTIONS

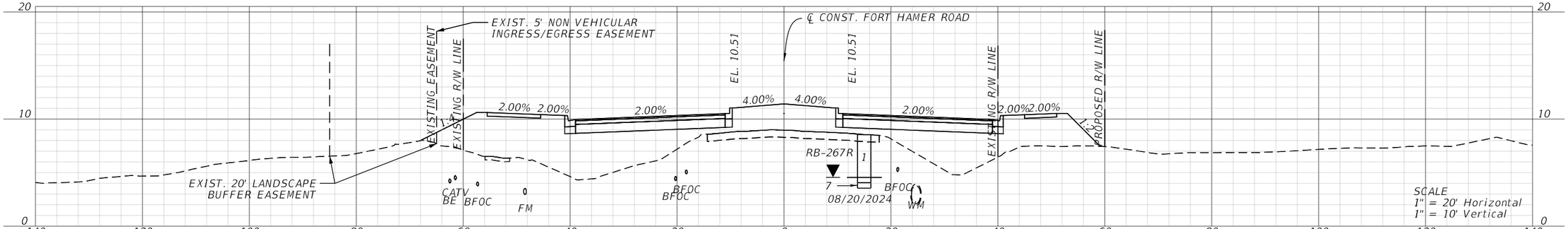
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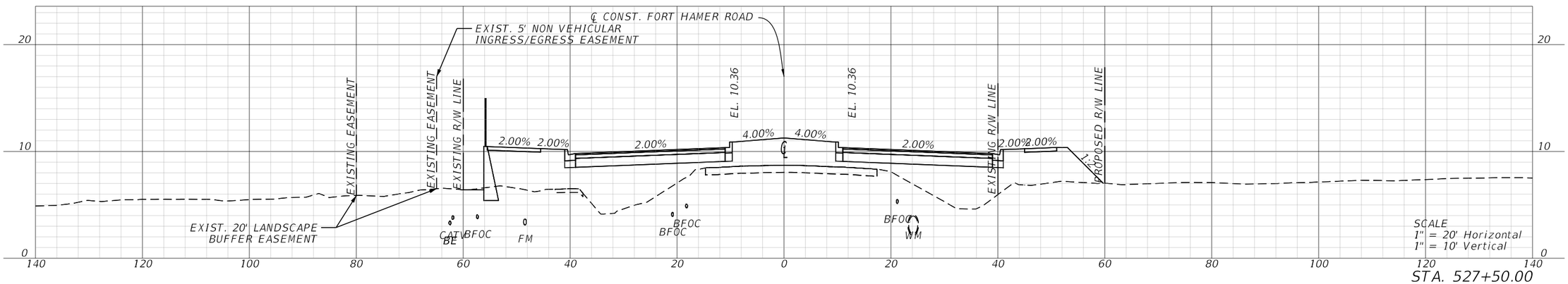
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Diego.Monsalve 9/25/2025 5:26:18 PM



STA. 528+50.00



STA. 528+00.00



STA. 527+50.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

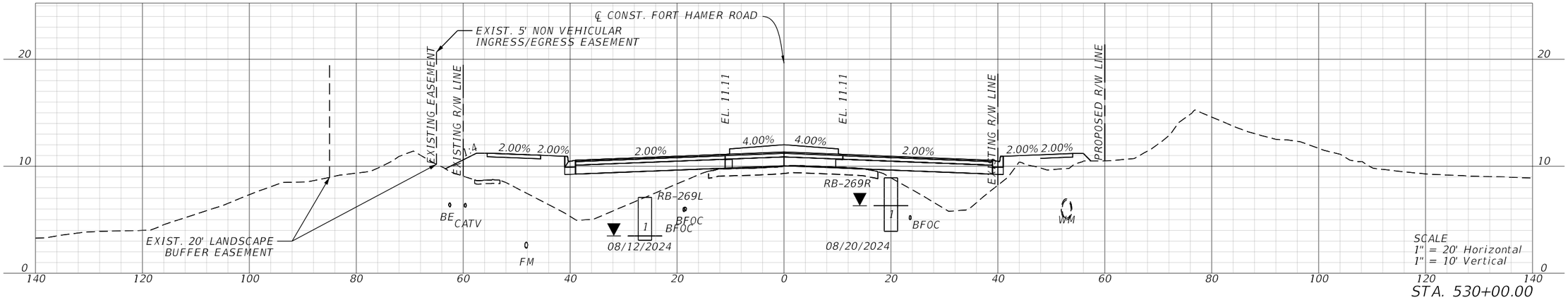
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY CROSS SECTIONS

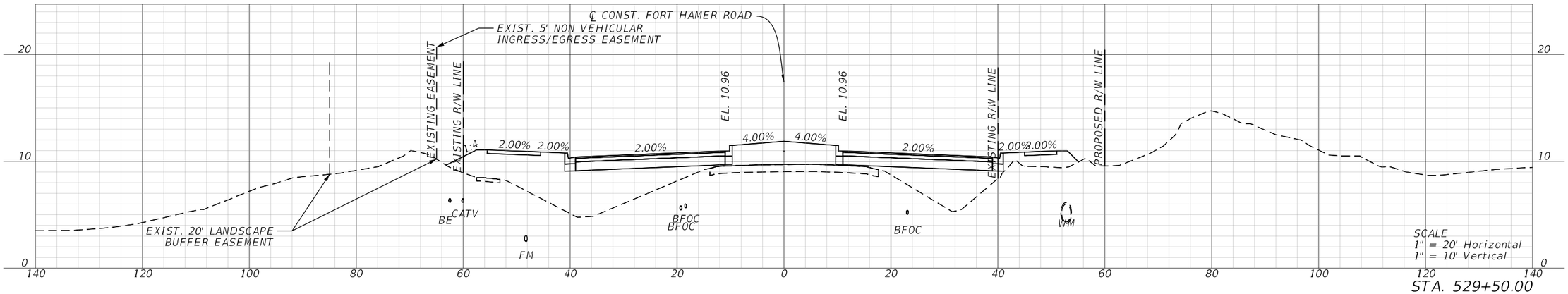
SHEET NO. 139

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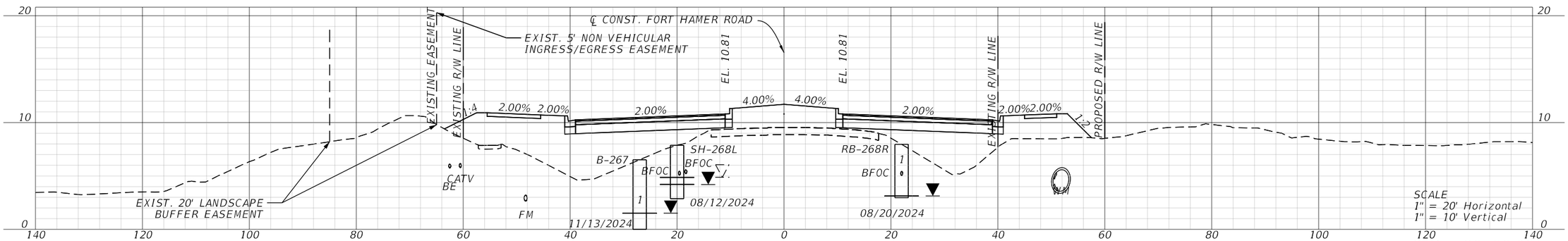
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Diego.Monsalve 9/25/2025 5:26:20 PM



STA. 530+00.00



STA. 529+50.00



STA. 529+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

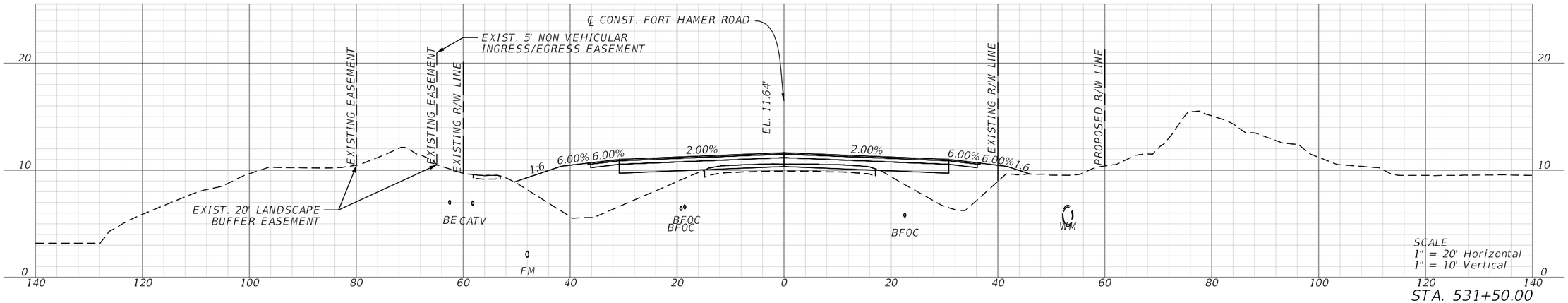
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

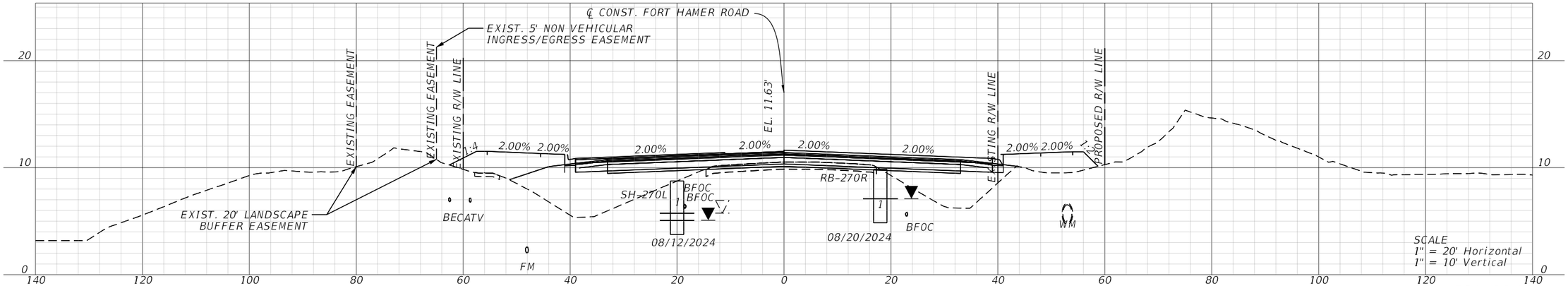
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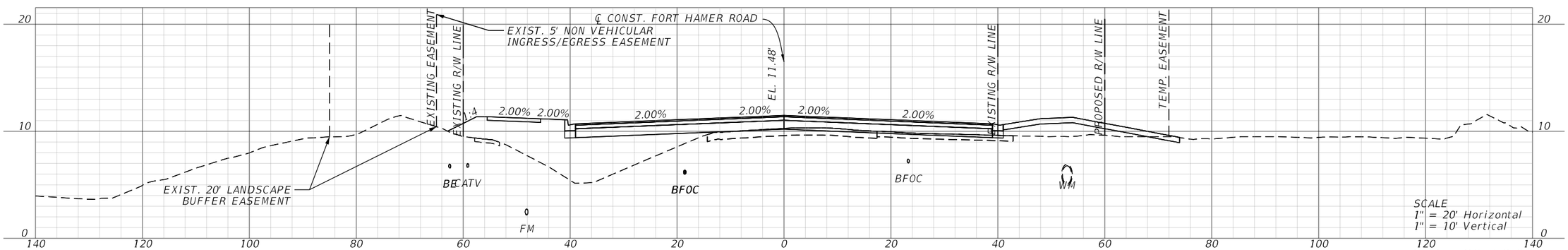
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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Diego.Monsalve 9/25/2025 5:26:23 PM



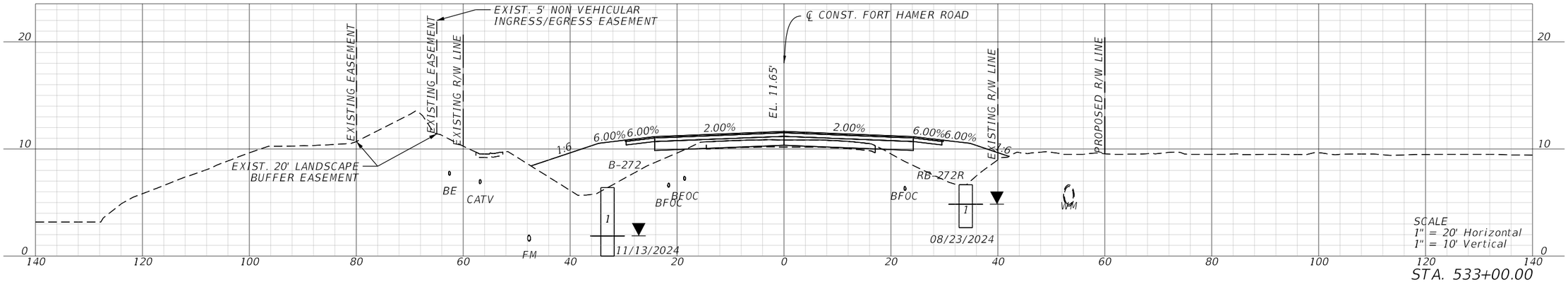




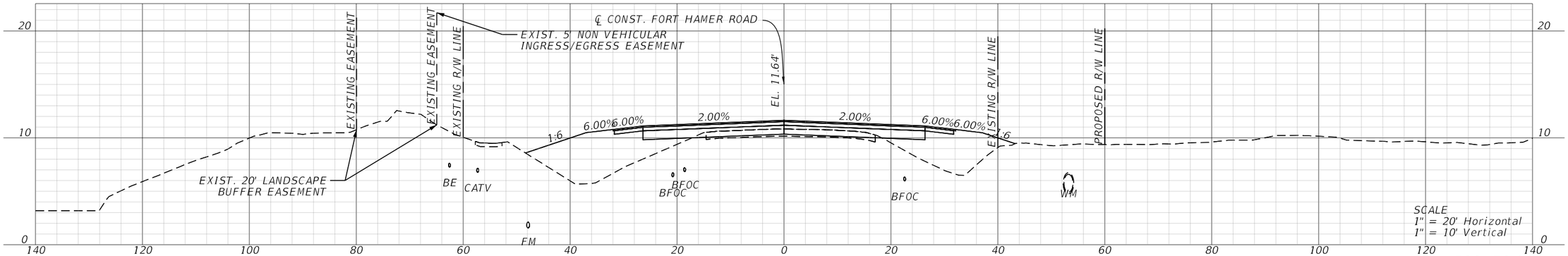
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		141
					FORT HAMER	MANATEE	452856-1-34-01		

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

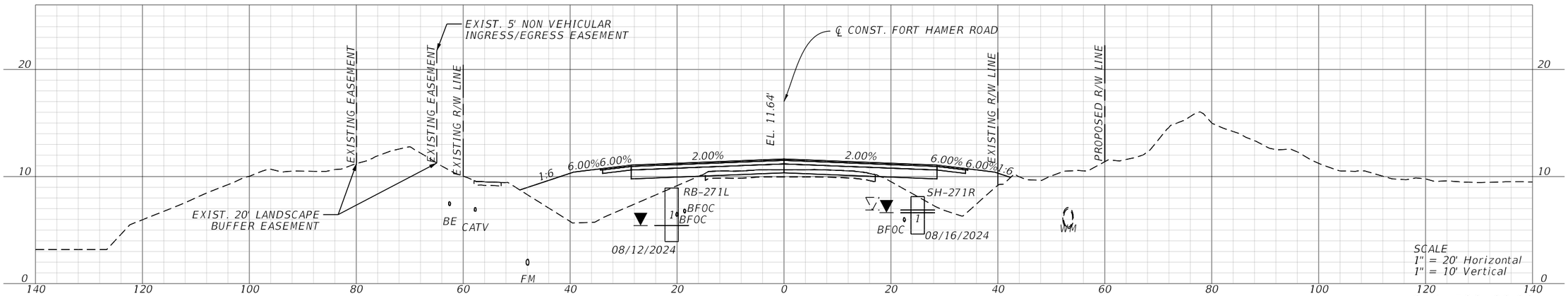
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STA. 533+00.00



STA. 532+50.00

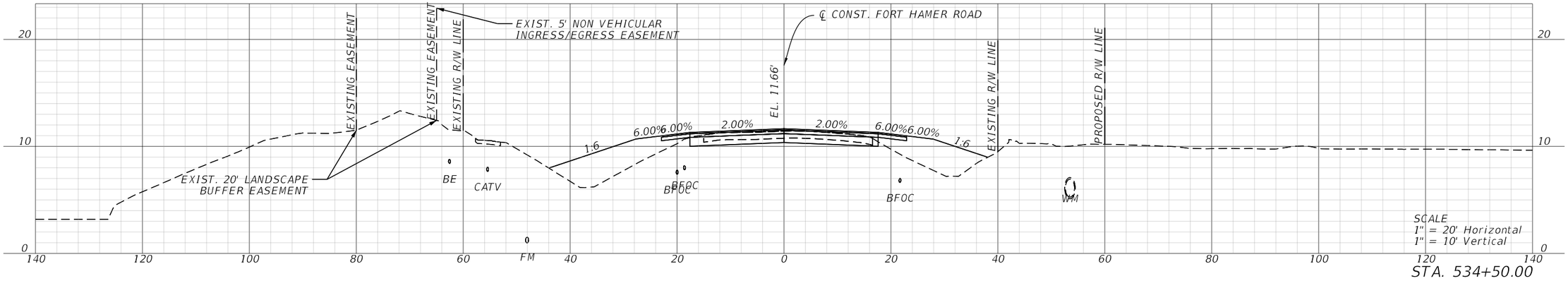


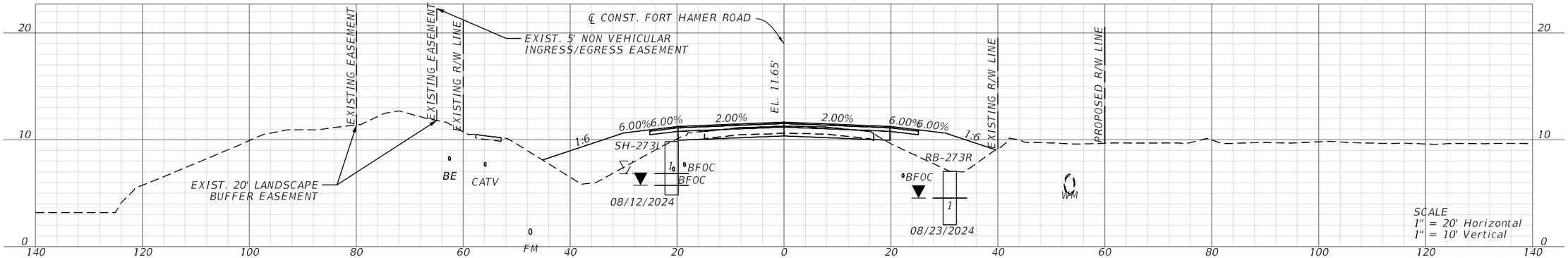
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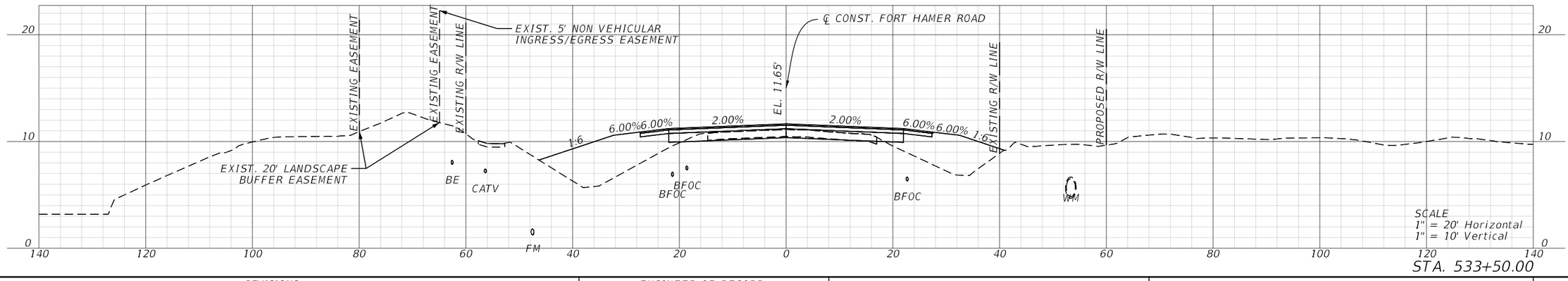
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		142
					FORT HAMER	MANATEE	452856-1-34-01		

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Diego.Monsalve 9/25/2025 5:26:29 PM







REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

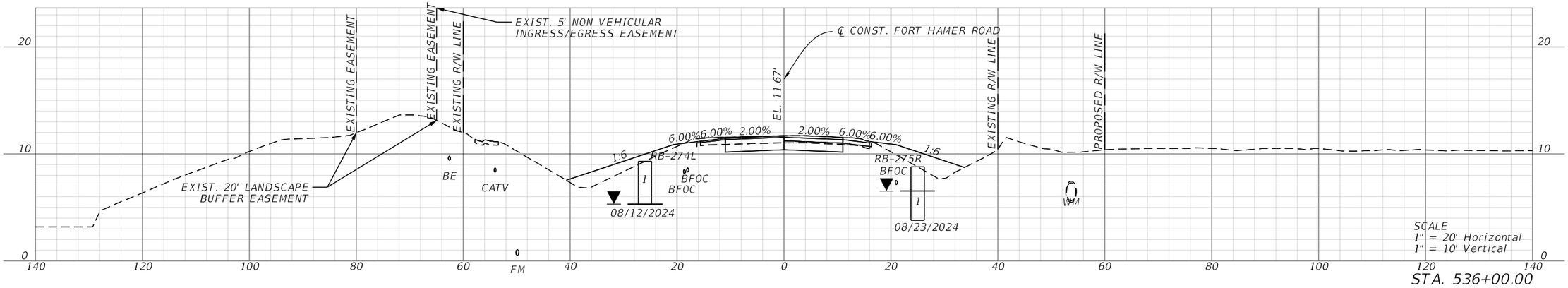
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

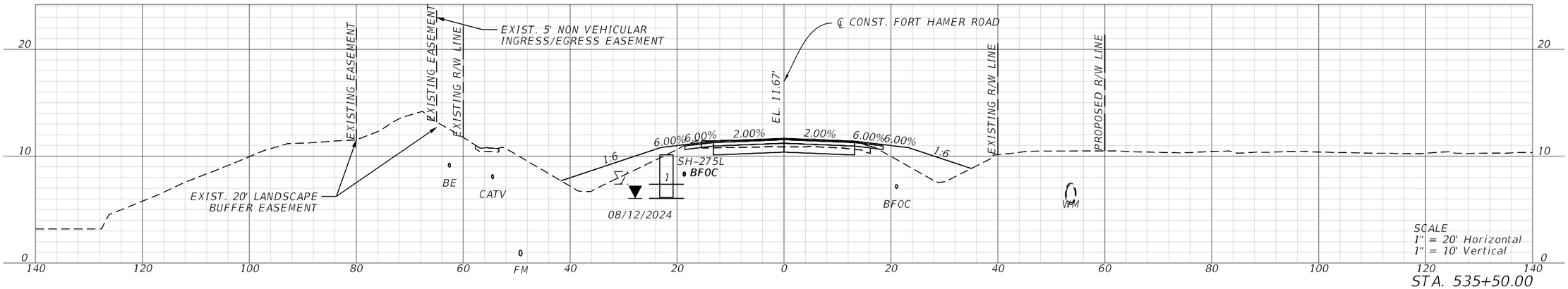
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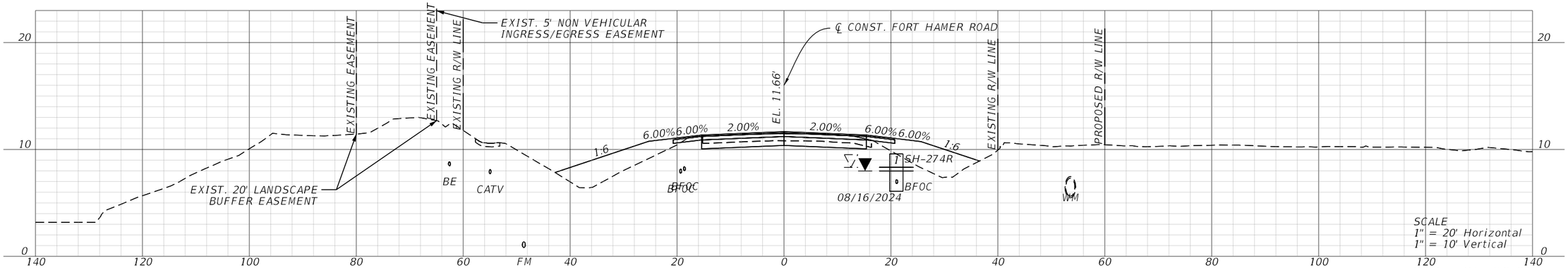
SHEET NO. 143

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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Diego.Monsalve 9/25/2025 5:26:34 PM







REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

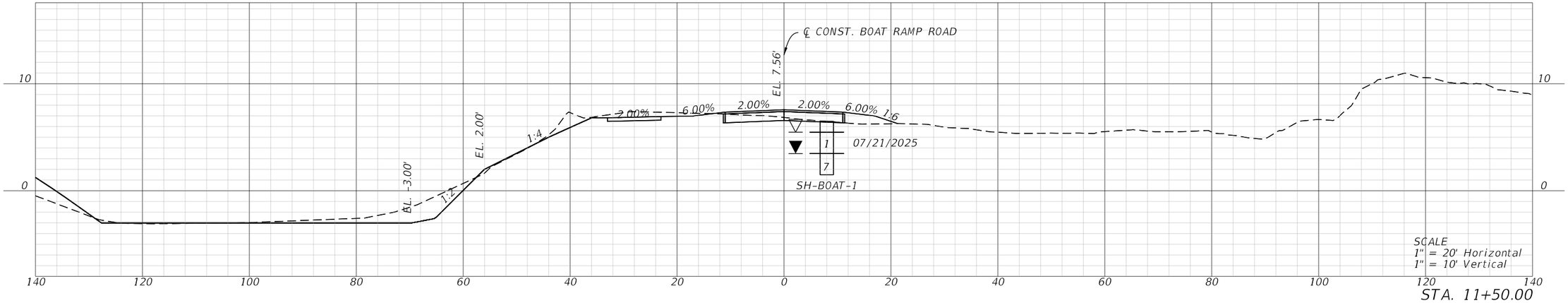
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

ROADWAY CROSS SECTIONS

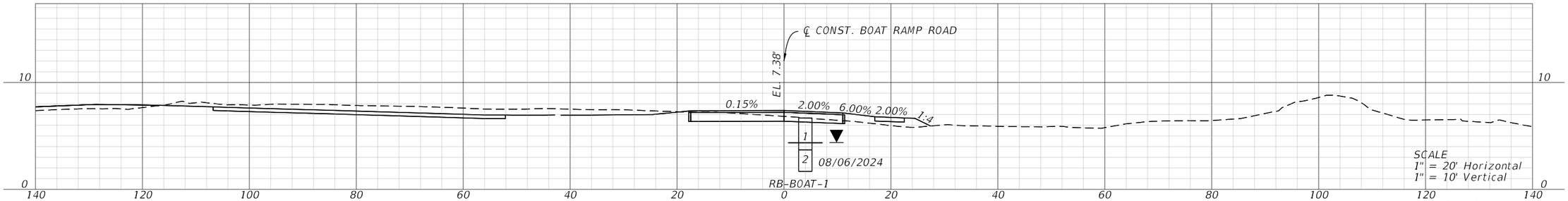
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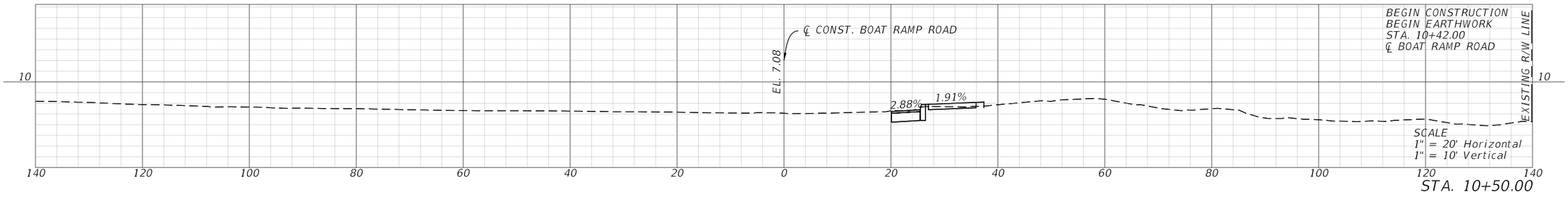
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STA. 11+50.00



STA. 11+00.00



STA. 10+50.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

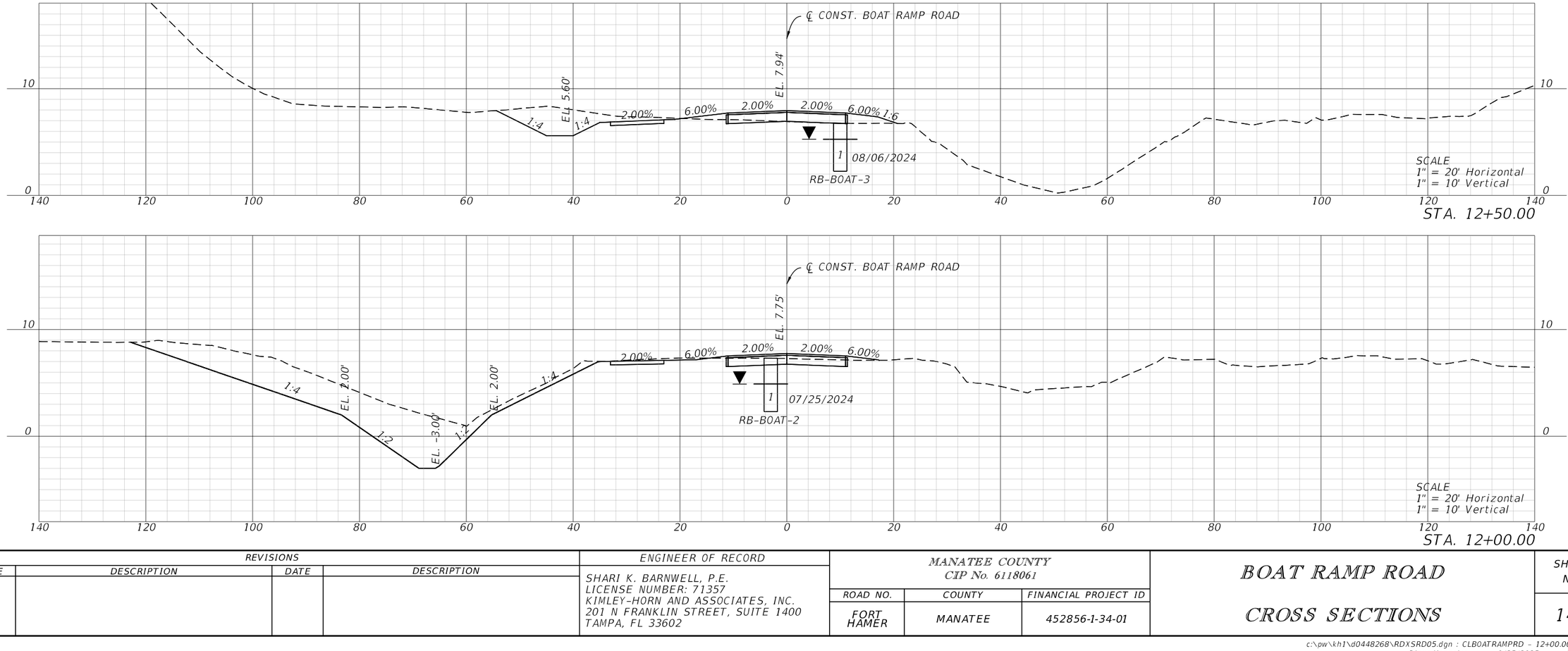
BOAT RAMP ROAD

CROSS SECTIONS

SHEET NO. 145

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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Diego.Monsalve 9/25/2025 5:27:01 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

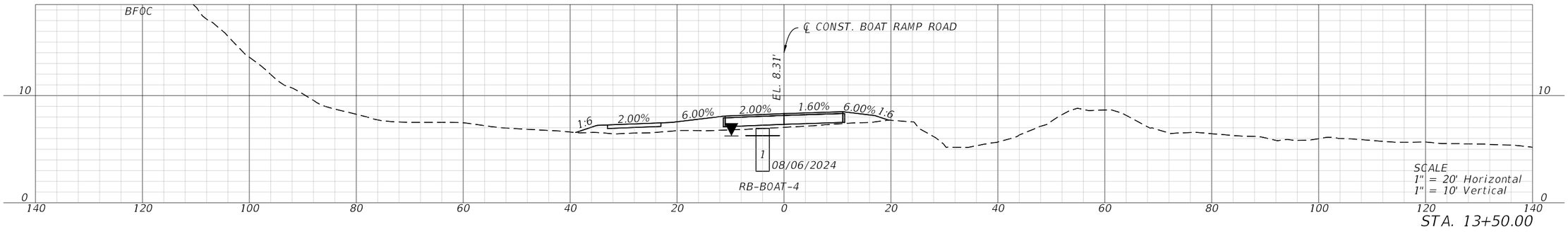
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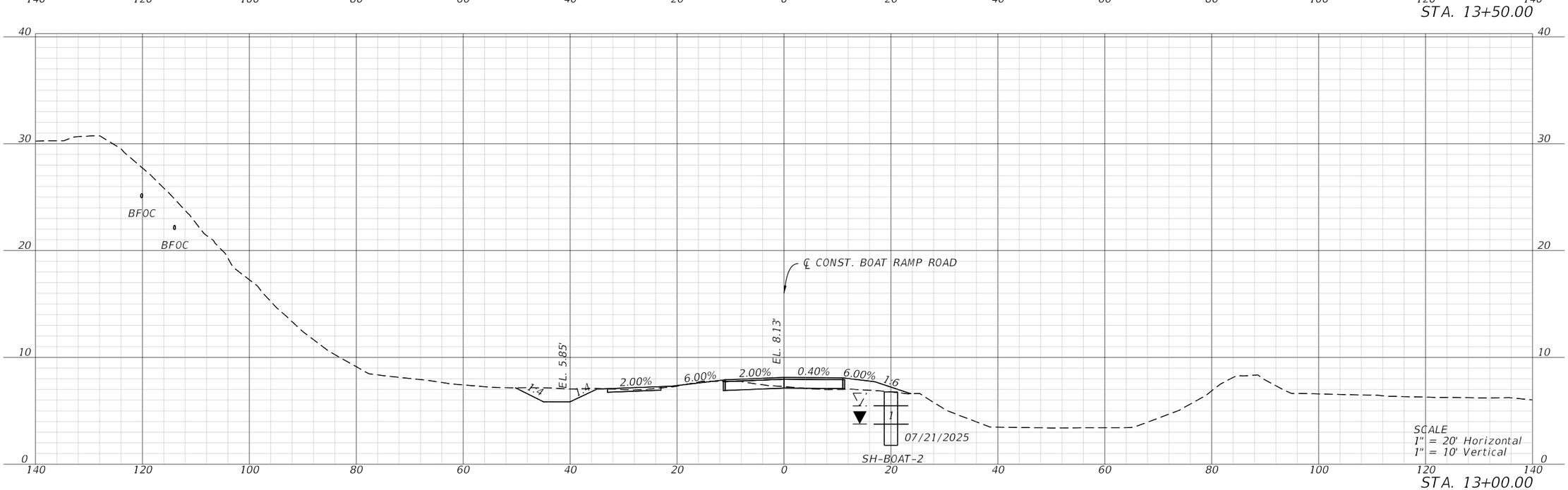
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SHEET NO. 146

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Diego.Monsalve 9/25/2025 5:27:03 PM





REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

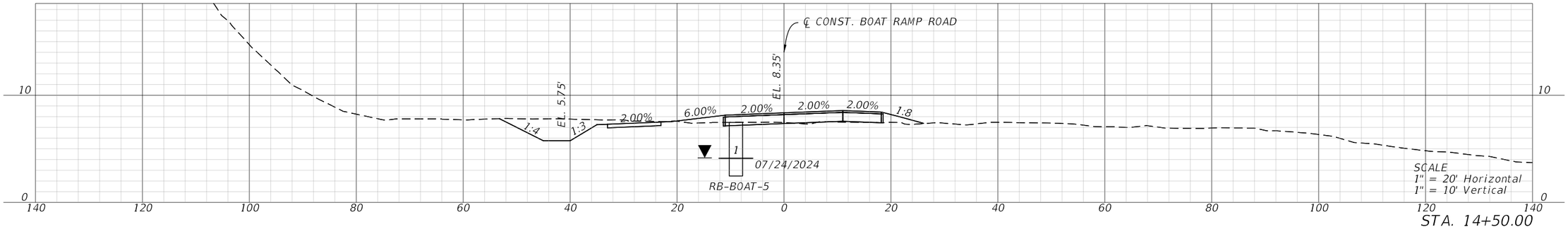
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

BOAT RAMP ROAD
CROSS SECTIONS

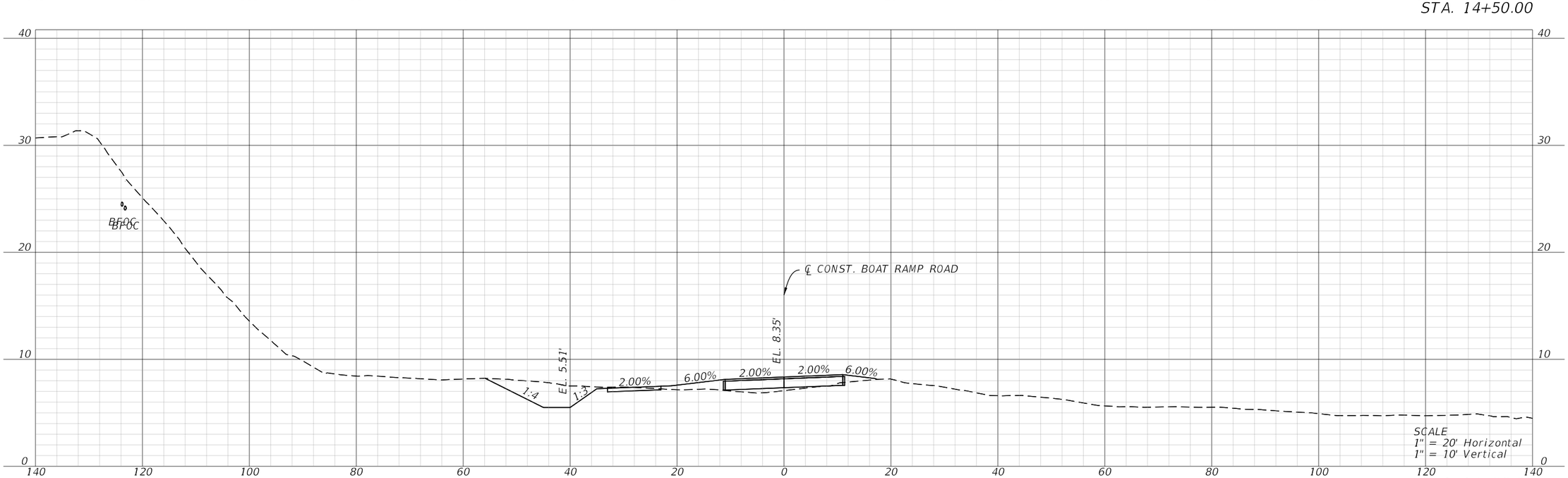
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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Diego.Monsalve 9/25/2025 5:27:05 PM



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STA. 14+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

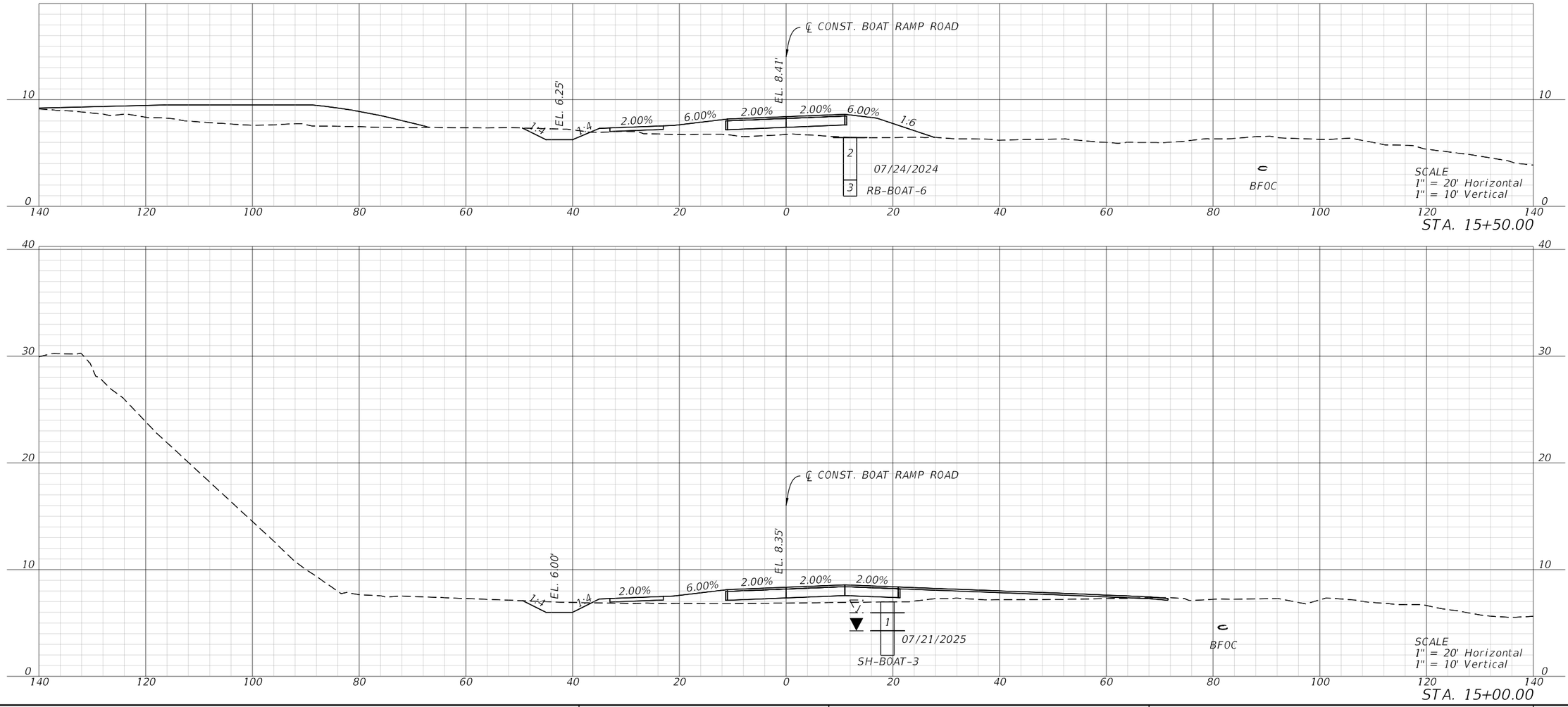
BOAT RAMP ROAD

CROSS SECTIONS

SHEET NO. 148

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

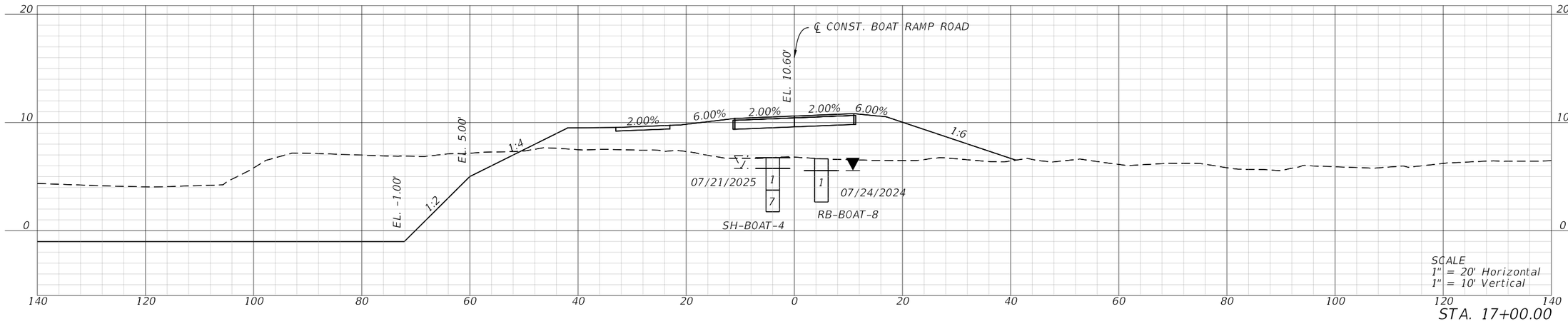
c:\pw\kh1\d0448268\RDXSRD05.dgn : CLBOATRAMPRD - 14+00.00 [SHEET]
Diego.Monsalve 9/25/2025 5:27:06 PM



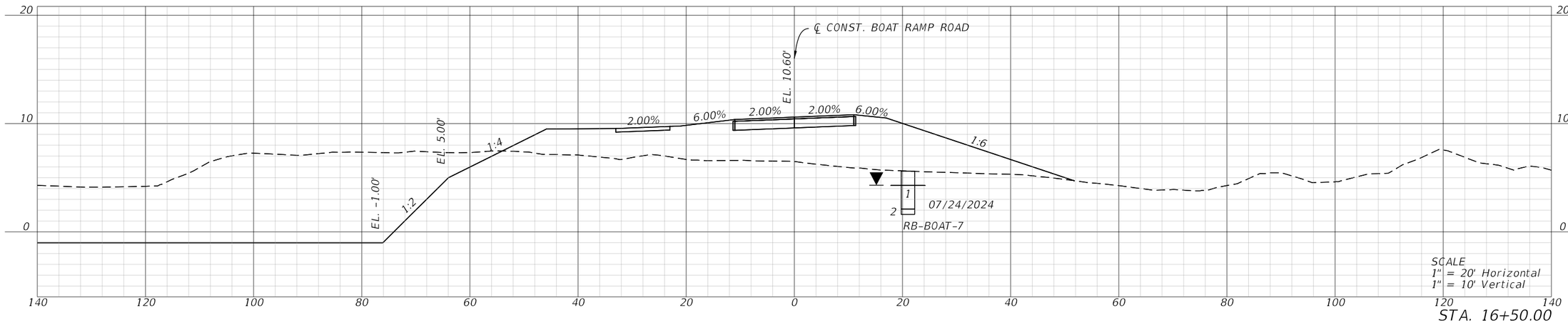
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			BOAT RAMP ROAD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CROSS SECTIONS	149
					FORT HAMER	MANATEE	452856-1-34-01		

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

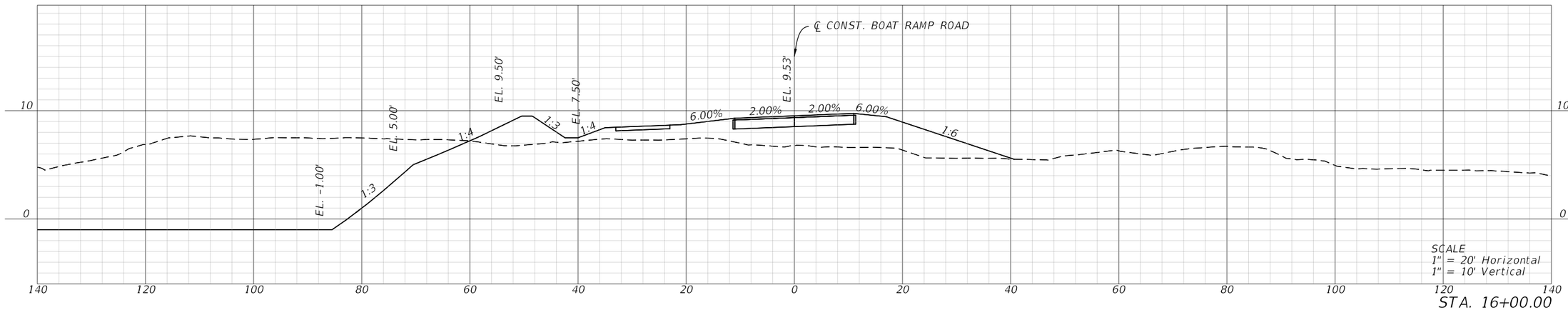
c:\pw\kh1\d0448268\RDXSRD05.dgn : CLBOATRAMPRD - 15+00.00 [SHEET]
Diego.Monsalve 9/25/2025 5:27:08 PM



STA. 17+00.00



STA. 16+50.00



STA. 16+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

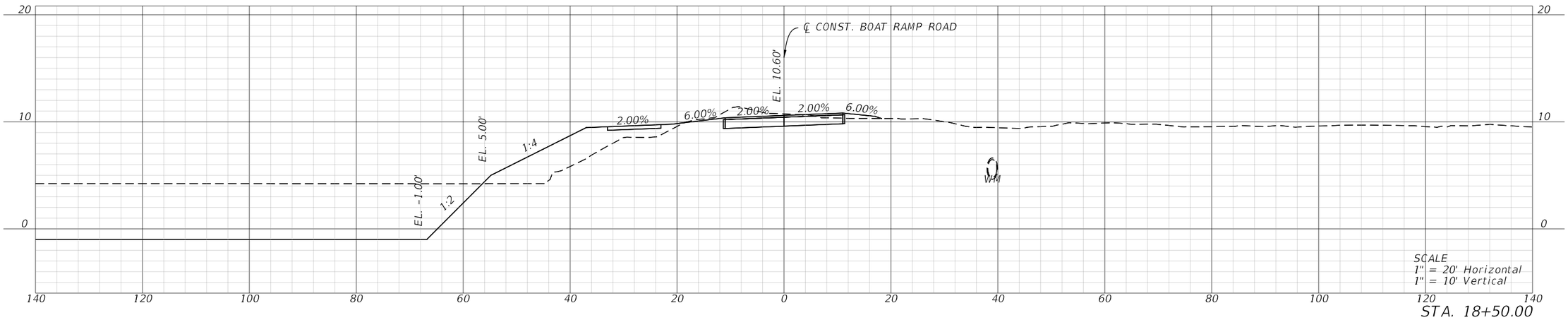
BOAT RAMP ROAD

CROSS SECTIONS

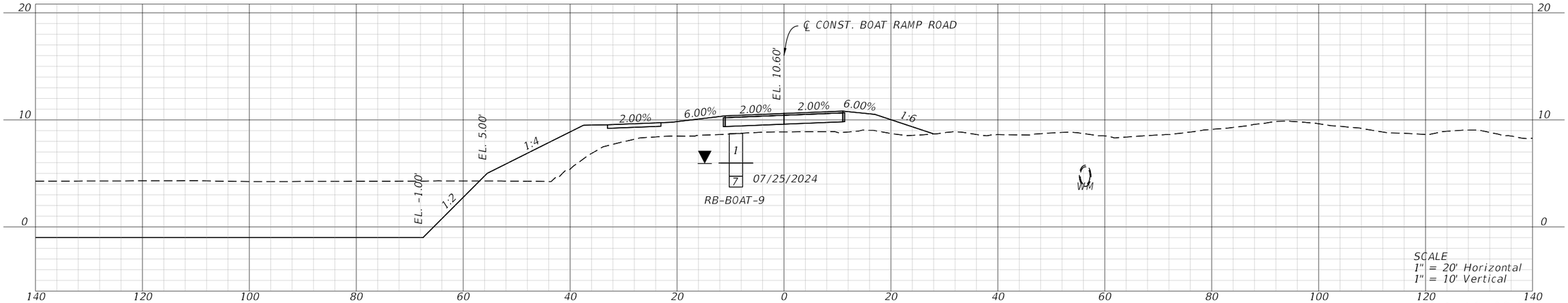
SHEET NO. 150

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

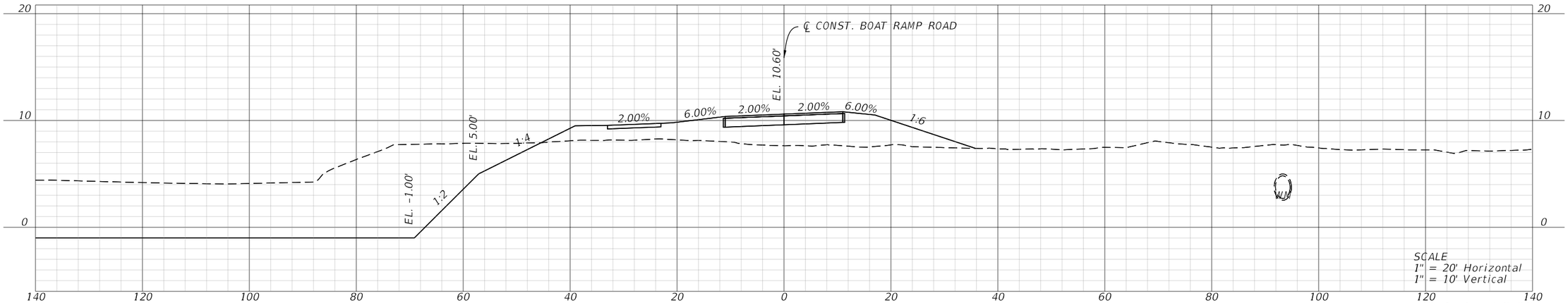
c:\pw\kh1\d0448268\RDXSRD05.dgn : CLBOATRAMPRD - 16+00.00 [SHEET]
Diego.Monsalve 9/25/2025 5:27:09 PM



STA. 18+50.00



STA. 18+00.00

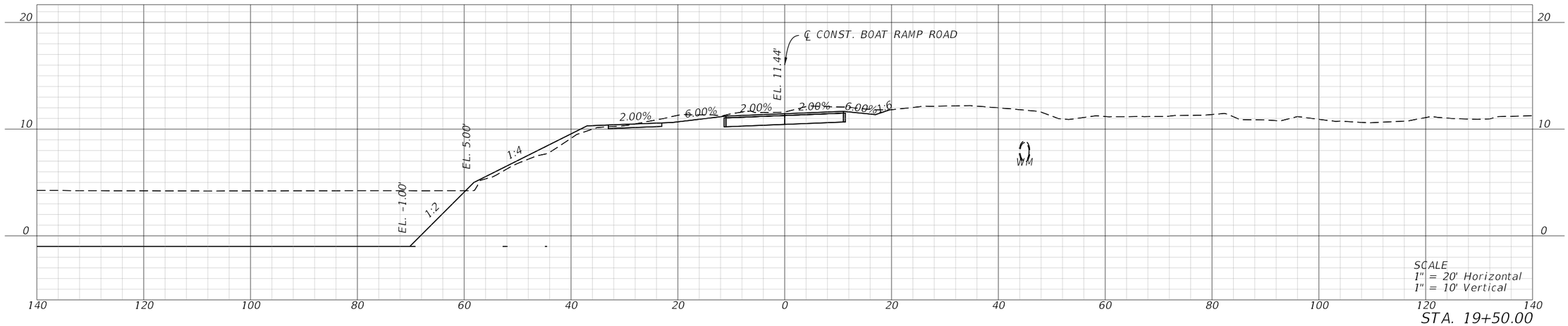


STA. 17+50.00

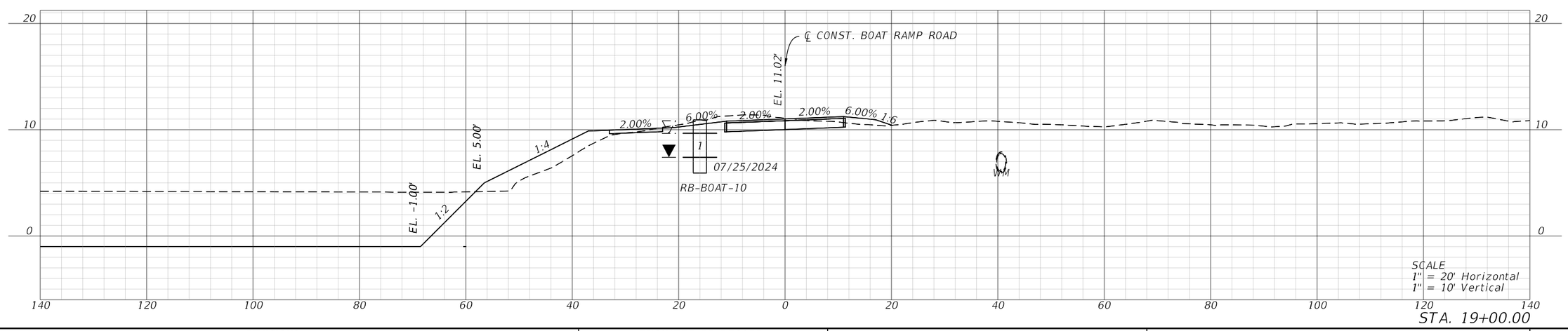
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			BOAT RAMP ROAD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CROSS SECTIONS	151
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0448268\RDXSRD05.dgn : CLBOATRAMPRD - 17+50.00 [SHEET]
Diego.Monsalve 9/25/2025 5:27:11 PM



STA. 19+50.00

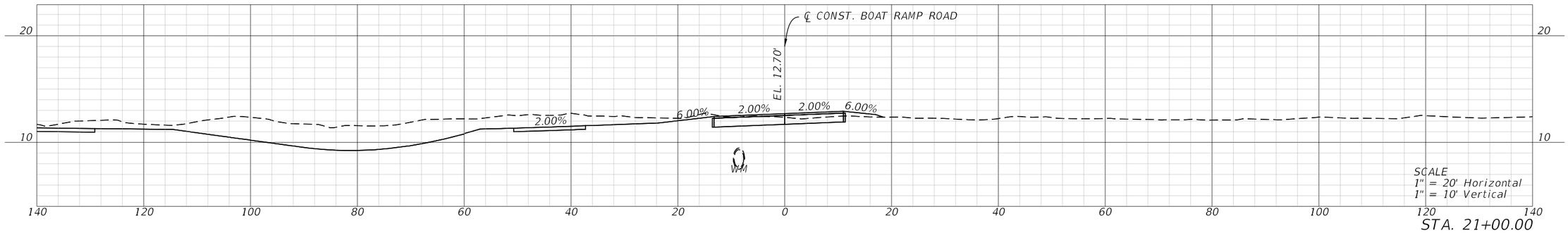


STA. 19+00.00

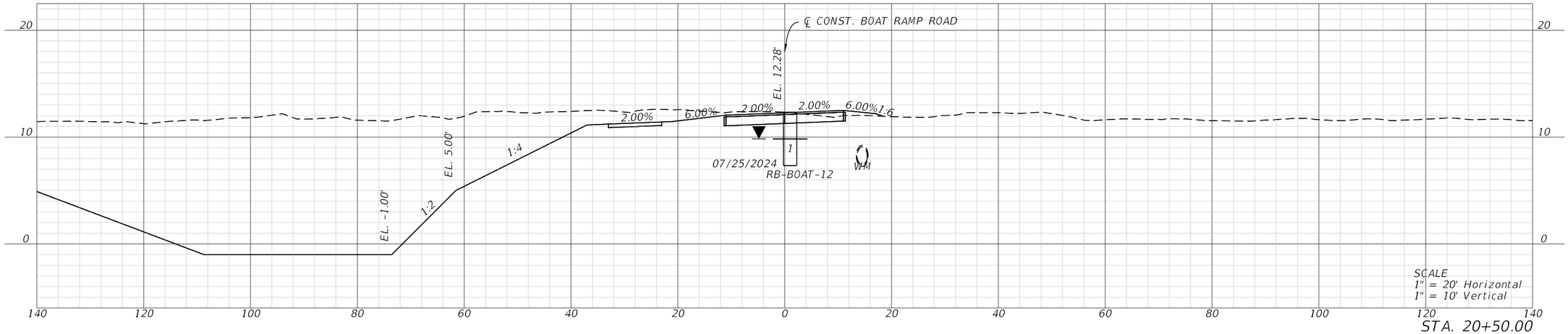
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			BOAT RAMP ROAD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CROSS SECTIONS	152
					FORT HAMER	MANATEE	452856-1-34-01		

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

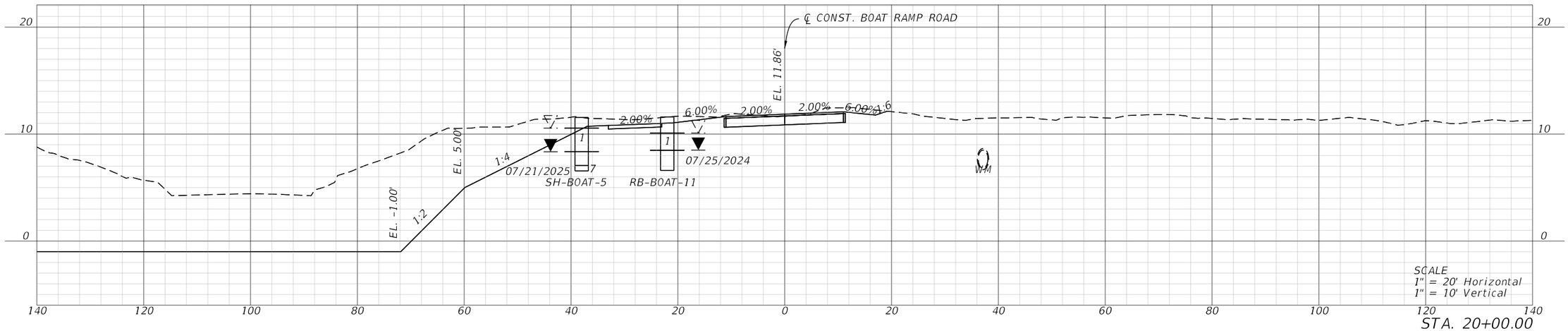
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Diego.Monsalve 9/25/2025 5:27:12 PM



STA. 21+00.00



STA. 20+50.00

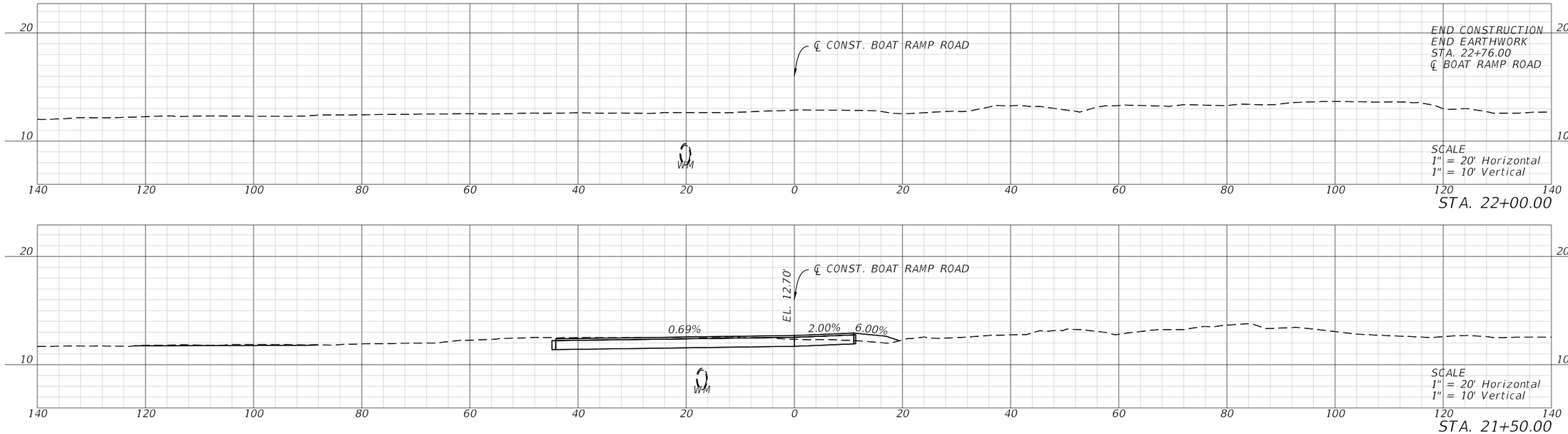


STA. 20+00.00

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			BOAT RAMP ROAD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CROSS SECTIONS	153
					FORT HAMER	MANATEE	452856-1-34-01		

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

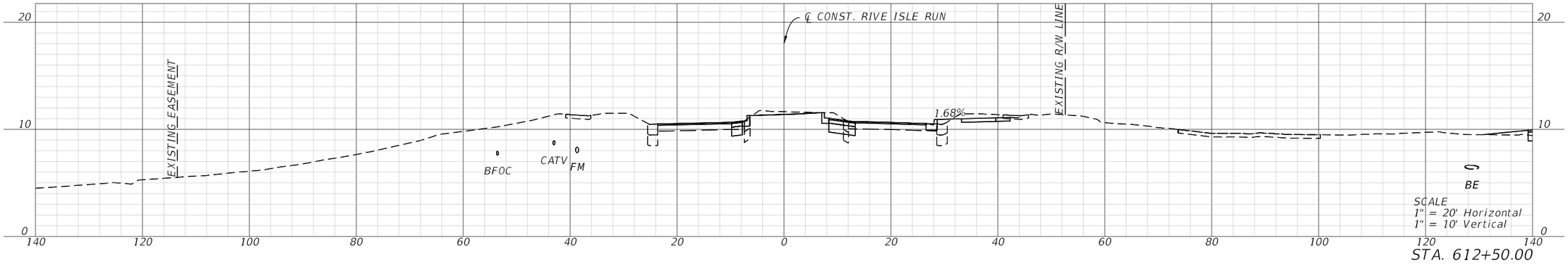
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Diego.Monsalve 9/25/2025 8:56:34 PM



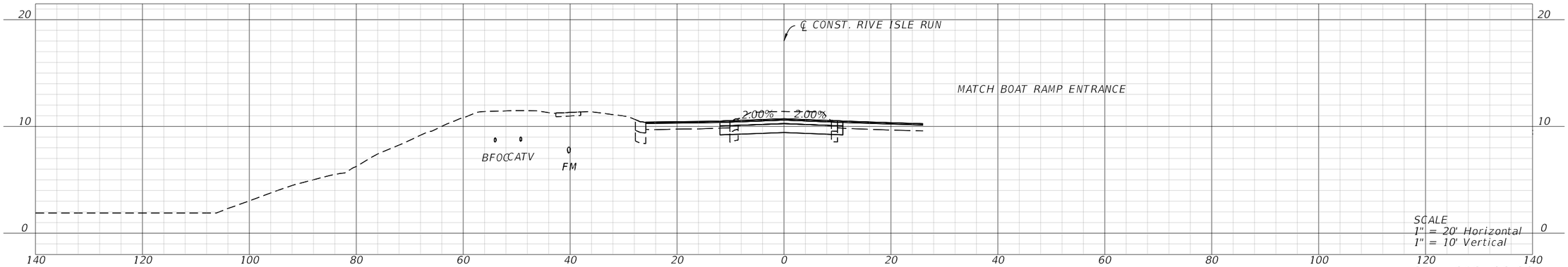
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			BOAT RAMP ROAD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CROSS SECTIONS	154
					FORT HAMER	MANATEE	452856-1-34-01		

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

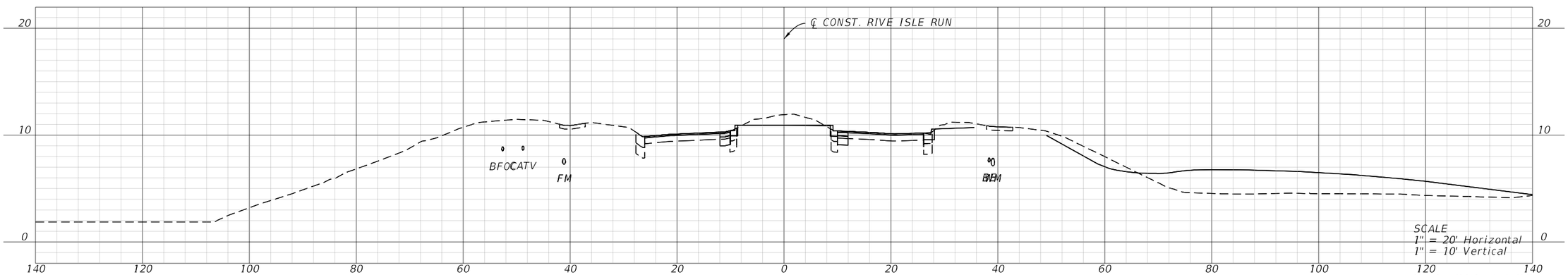
c:\pw\kh1\d0448268\RDXSRD05.dgn : CLBOATRAMPRD - 21+50.00 [SHEET]
Diego.Monsalve 9/25/2025 8:56:36 PM



STA. 612+50.00



STA. 612+00.00

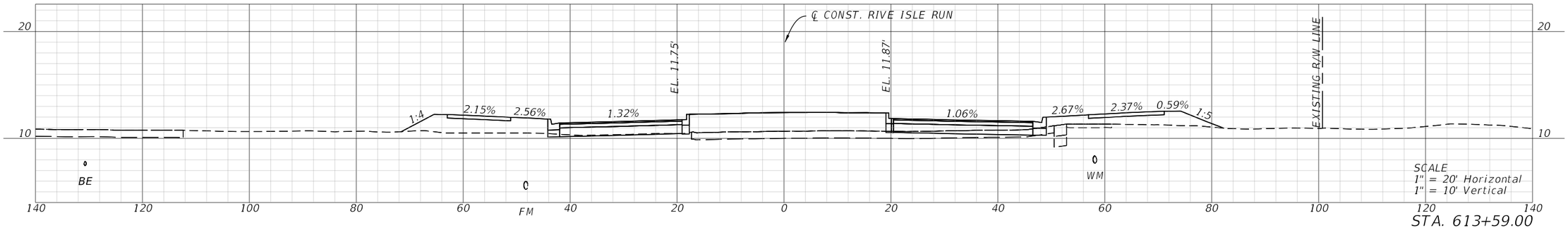


STA. 611+54.29

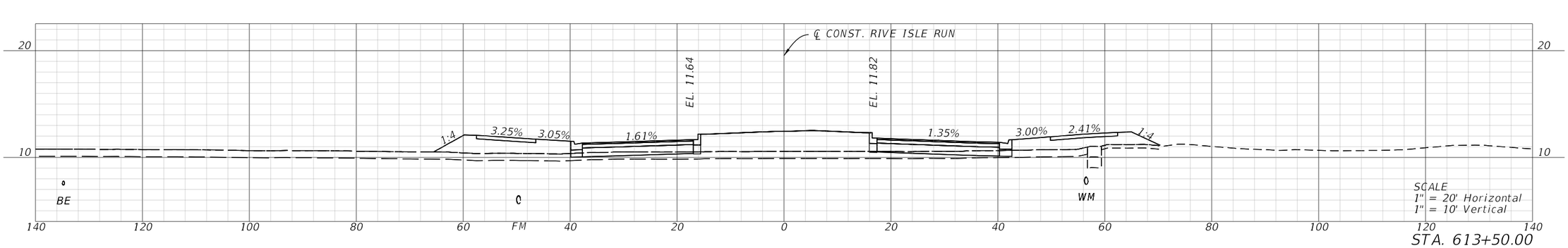
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			RIVE ISLE RUN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CROSS SECTIONS	155
					FORT HAMER	MANATEE	452856-1-34-01		

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

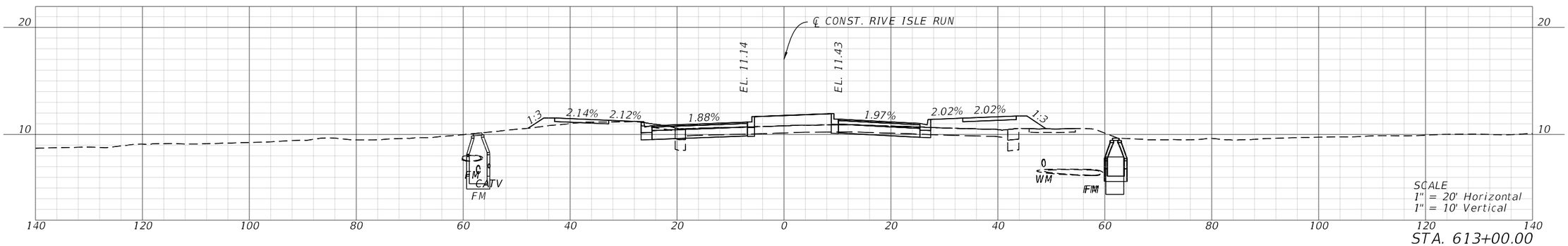
c:\pw\kh1\d0448268\RDXSRD07.dgn : CLRIVEISLERUN - 611+54.29 [SHEET]
Diego.Monsalve 9/25/2025 5:28:17 PM



STA. 613+59.00



STA. 613+50.00



STA. 613+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

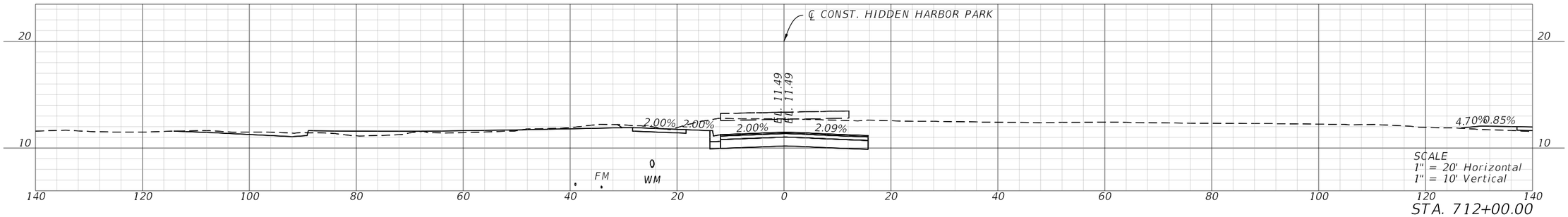
RIVE ISLE RUN

CROSS SECTIONS

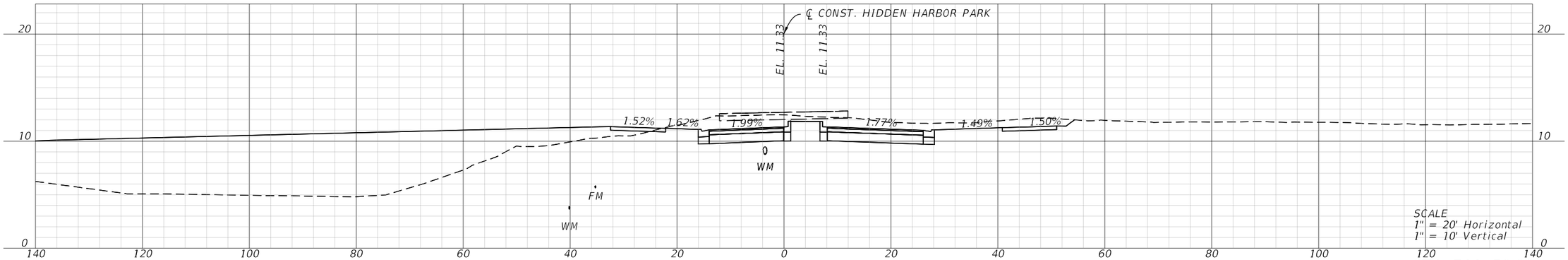
SHEET NO. 156

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

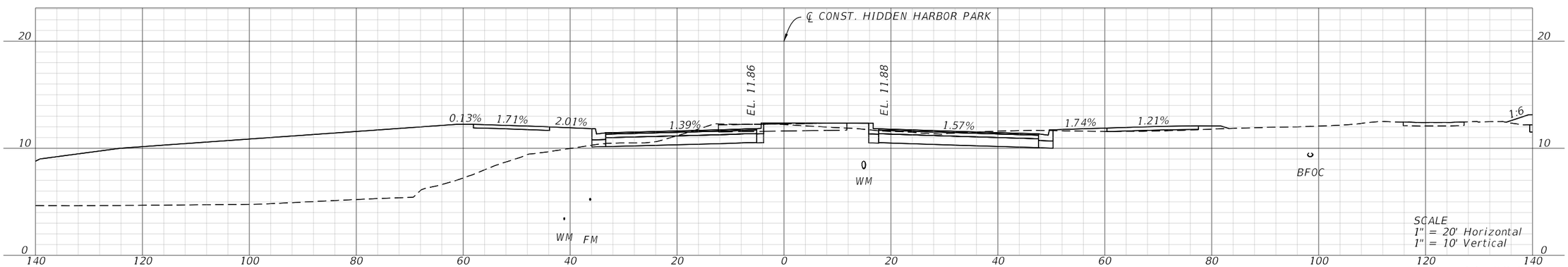
c:\pw\kh1\d0448268\RDXSRD07.dgn : CLRIVEISLERUN - 613+00.00 [SHEET]
Diego.Monsalve 9/25/2025 5:28:30 PM



STA. 712+00.00



STA. 711+50.00

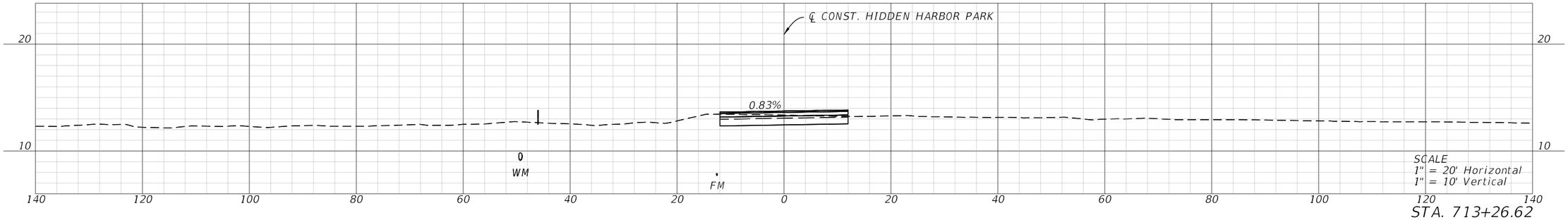


STA. 711+08.00

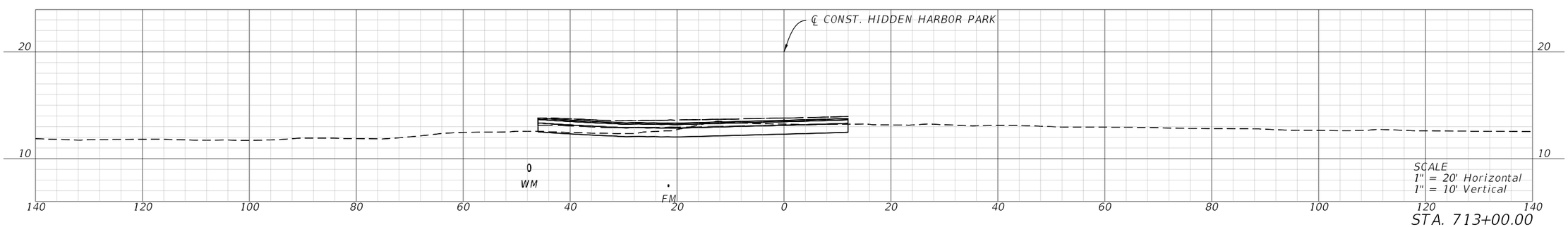
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			HIDDEN HARBOR PARK	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CROSS SECTIONS	157
					FORT HAMER	MANATEE	452856-1-34-01		

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

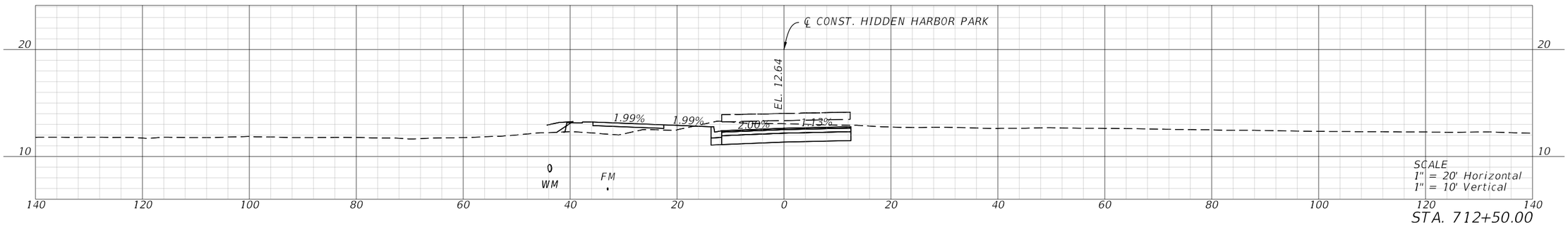
c:\pw\kh1\d0448268\RDXSRD07.dgn : CLHIDDENHARBORPARK - 710+00.00 [SHEET]
Diego.Monsalve 9/25/2025 5:28:33 PM



STA. 713+26.62



STA. 713+00.00

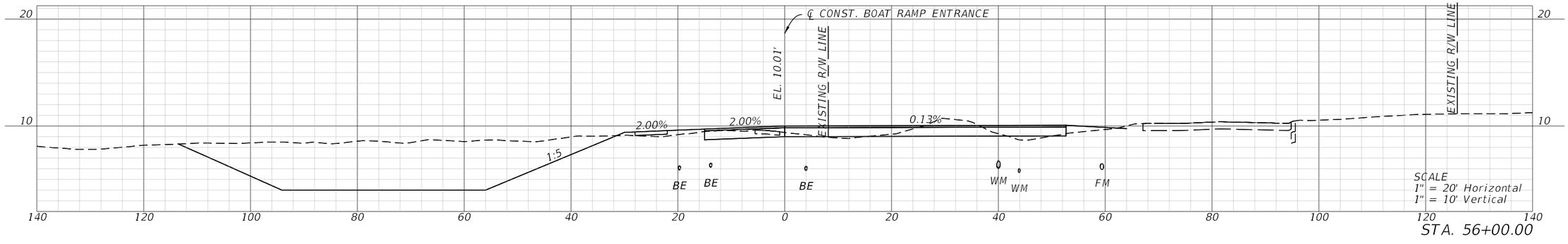


STA. 712+50.00

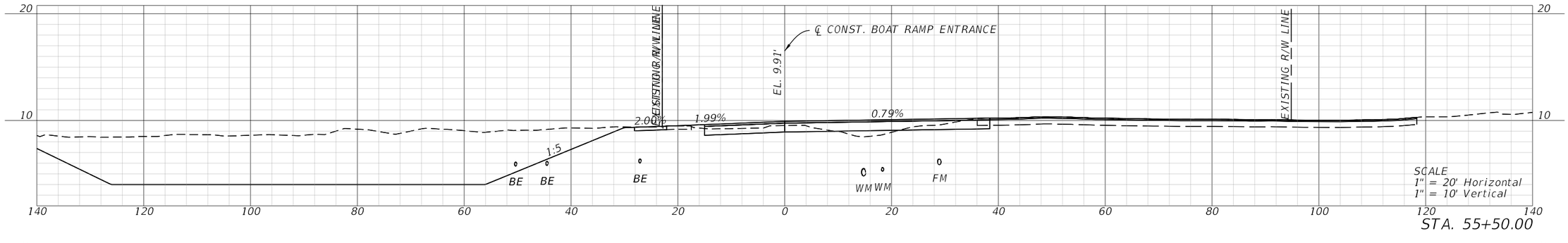
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			HIDDEN HARBOR PARK	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CROSS SECTIONS	158
					FORT HAMER	MANATEE	452856-1-34-01		

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

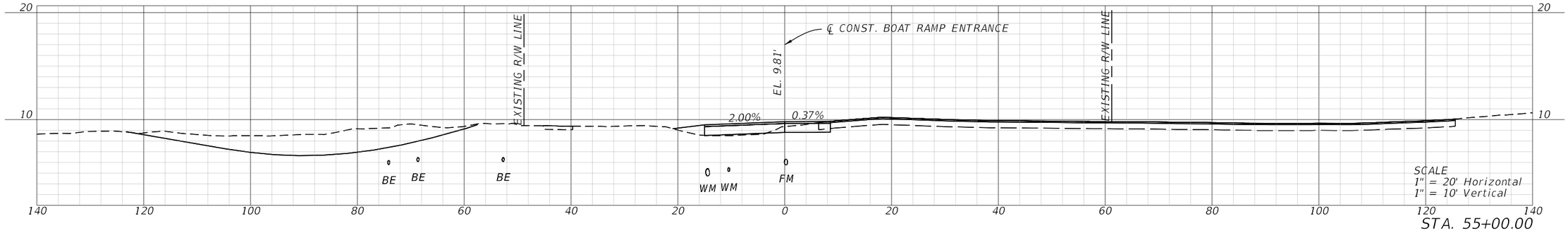
c:\pw\kh1\d0448268\RDXSRD07.dgn : CLHIDDENHARBORPARK - 711+50.00 [SHEET]
Diego.Monsalve 9/25/2025 5:28:35 PM



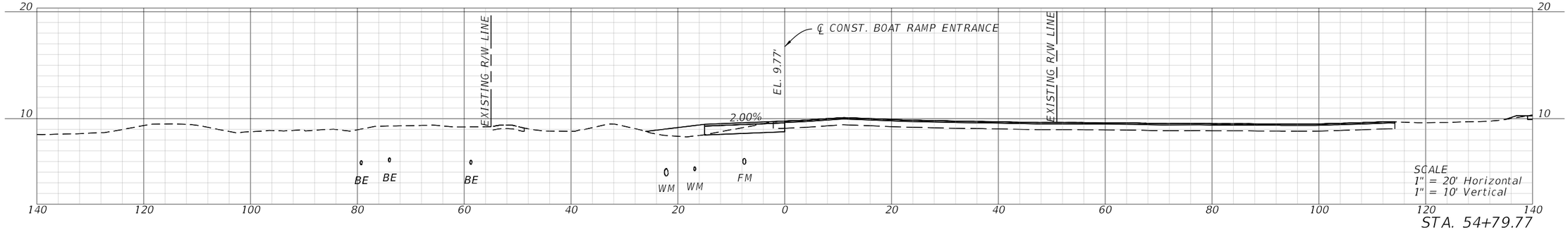
STA. 56+00.00



STA. 55+50.00



STA. 55+00.00

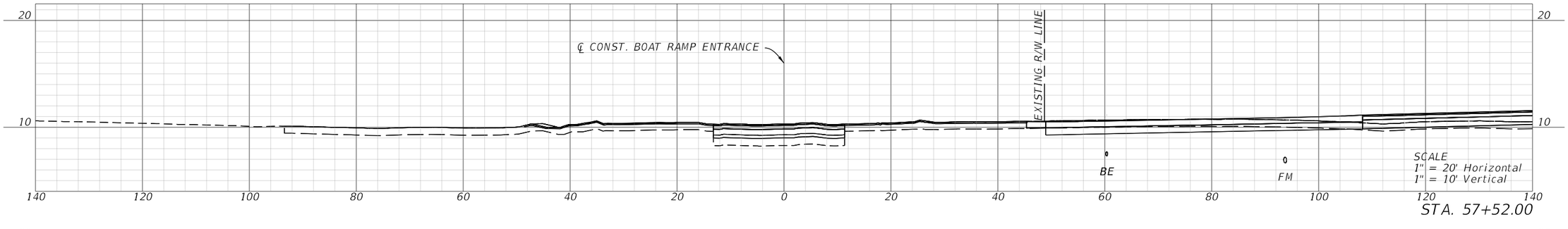


STA. 54+79.77

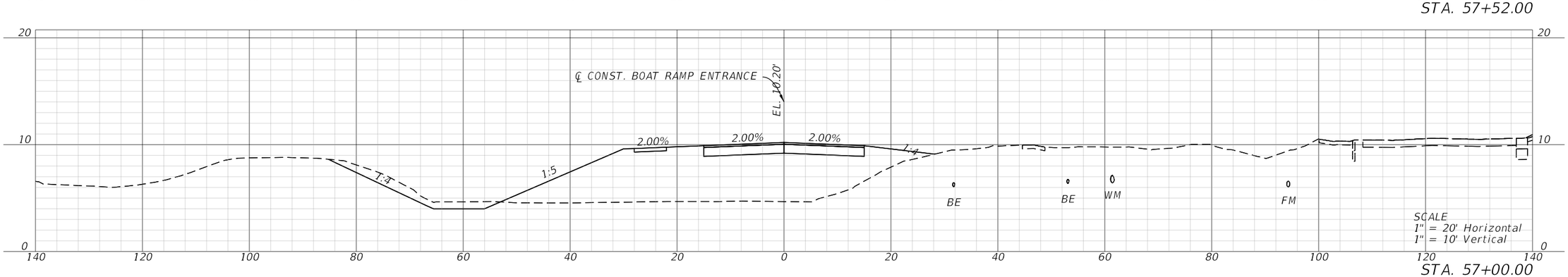
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			BOAT RAMP ENTRANCE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CROSS SECTIONS	159
					FORT HAMER	MANATEE	452856-1-34-01		

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

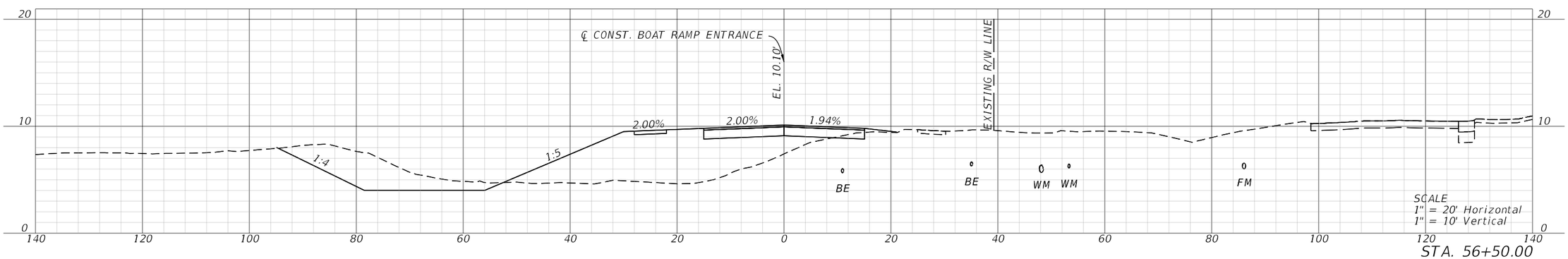
c:\pw\kh1\d0448268\RDXSRD07.dgn : CLBOATRAMPPARKING - 54+79.77 [SHEET]
Diego.Monsalve 9/25/2025 5:28:39 PM



STA. 57+52.00



STA. 57+00.00

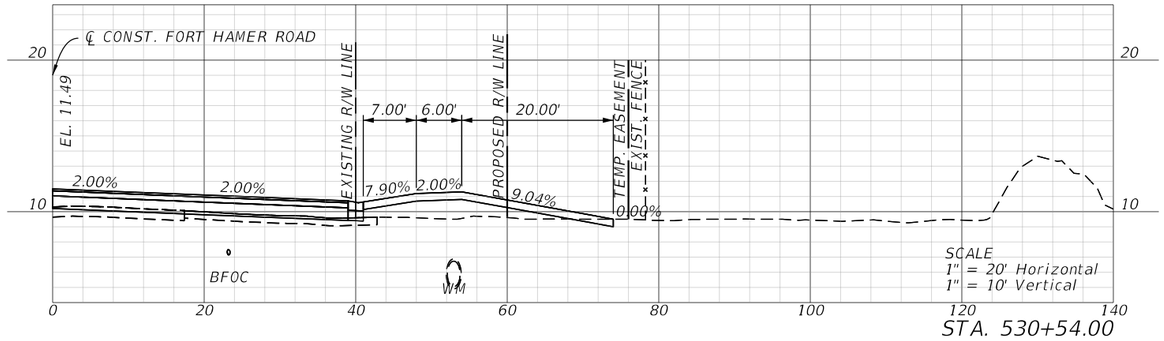


STA. 56+50.00

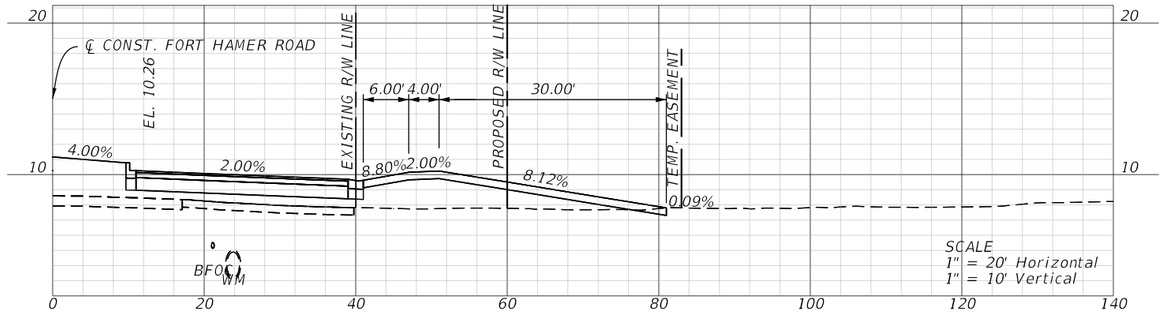
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			BOAT RAMP ENTRANCE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	CROSS SECTIONS	160
					FORT HAMER	MANATEE	452856-1-34-01		

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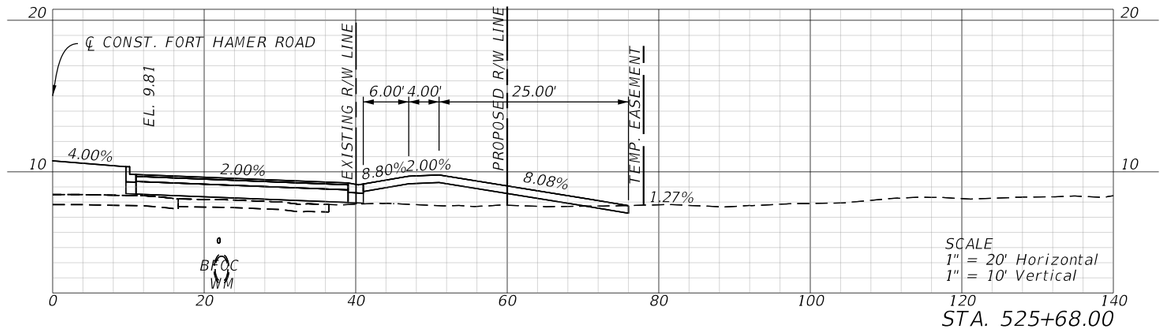
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STA. 530+54.00



STA. 527+17.00



STA. 525+68.00

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			DRIVEWAY CROSS SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		161
					FORT HAMER	MANATEE	452856-1-34-01		

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SWPPP / EROSION CONTROL PLAN
PROJECT NAME: FORT HAMER

1.0 Site Description

1.a Nature of Construction Activity:

This project is the widening of Fort Hamer Road and the construction of a bridge that is parallel to the existing Fort Hamer Bridge in Manatee County. This involves constructing a new roadway surface, renovating the existing roadway, adding curb and gutter, sidewalk, storm drain systems, and stormwater management facilities. The project extends from just south of Upper Manatee River Road to just north of Rive Isle Run.

The project length is approximately 1.25 miles.

1.b Sequence of Major Soil Disturbing Activities:

In the Section 104 Erosion Control Plan, the Contractor shall provide a detailed sequence of construction for all construction activities. The Contractor shall follow the sequence of major activities described below, unless the Contractor proposes a different sequence that is equal or better at controlling erosion and trapping sediment and is approved by the Engineer.

For each construction phase, install perimeter controls after clearing and grubbing necessary for installation of controls but before beginning other work for the construction phase. Remove perimeter controls only after all upstream areas are stabilized.

1. Clearing and grubbing, earthwork, utilitties, and storm drain construction for the roadway improvements.
2. Storm drain construction. Construct the storm drain pipe in the upstream direction.
3. Earthwork associated with roadway, and construction of curb, subgrade, base, pavement, and sidewalk.

NOTE: The sequence of construction shown above is a general overview and is intended to convey the general concepts of the erosion control design and should not be relied upon for construction purposes. The contractor is soley responsible for detailed phasing and construction sequencing necessary to construct the proposed improvements included in these plans. The contractor shall notify the engineer in writting immediately prior to and/or during construction if any additional information on the construction sequence is necessary. The contractor is soley responsible for complying with the requirements of the authority having jurisdiction and all other applicable laws.

1.c Area Estimates:

Total project area: 47.70 Acres
Total area to be disturbed: 47.70 Acres

1.d Runoff Data:

Runoff Coefficients
Before: Ranges between 0.2 and 0.83
During: Ranges between 0.2 and 0.83
After: 0.83

Soils Data: The results of the soil borings along the roadway are shown in the Subsurface Soil Exploration and Hydrogeologic Evaluation report.

Outfall Information:

There are four (5) outfalls.

#1 Description: Proposed Pond 1B

Location: Long: 27.512950 Lat: -84.431012
Est. Drainage Area Size: 2.66 Acres
Receiving Water Name: Pond 1A

#2 Description: Existing Pond 1A

Location: Long: 27.514567 Lat: -84.429810
Est. Drainage Area Size: 10.71 Acres
Receiving Water Name: Manatee River

#3 Description: Proposed Pond 2B

Location: Long: 27.525134 Lat: -82.428159
Est. Drainage Area Size: 8.68 Acres
Receiving Water Name: Manatee River

#4 Description: Existing Pond 2A

Location: Long: 27.527180 Lat: -82.428459
Est. Drainage Area Size: 8.20 Acres
Receiving Water Name: Pond 2B

#5 Description: Existing Pond 2C

Location: Long: 27.525289 Lat: -82.429176
Est. Drainage Area Size: 1.41 Acres
Receiving Water Name: Manatee River

1.e Site Map:

The construction plans are being used as the site maps. The location of the required information is described below. The sheet numbers for the plan sheets referenced are identified on the Key Sheet of these construction plans.

* Approximate Slopes: The slopes of the site can be seen in the Cross Section Sheets, Plan Sheets and Profile Sheets.
* Areas of Soil Disturbance: The areas to be disturbed are indicated on the Plan Sheets, the Cross Section Sheets, and the Detail Sheets. Any area of new construction will be disturbed.
* Areas Not To Be Disturbed: The areas not to be disturbed are the existing banks beyond the limits of construction.
* Locations of Temporary Controls: These are shown on the Erosion Control Plans.
* Locations of Permanent Controls: The stormwater pond is the primary permanent stormwater management control. This is shown on the stormwater management facility sheets.
* Areas To Be Stabilized: Temporary stabilization practices are shown in the same location as the temporary controls mentioned above. Permanent stabilization is shown on the Typical Section Sheets and the Plan Sheets.
* Discharge Points To Surface Waters: The discharge points are shown on the plan sheets.

1.f Receiving Waters:

See item 1.d for the outfall locations and receiving water names.

1.g Sequence of Construction:

The sequence of construction shown above is a general overview and is intended to convey the general concepts of the erosion control design and should not be relied upon for construction purposes. The contractor is soley responsible for detailed phasing and construction sequencing necessary to construct the proposed improvements included in these plans. The contractor shall notify the engineer in writting immediately prior to and/or during construction if any additional information on the construction sequence is necessary. The contractor is soley responsible for complying with the requirements of the authority having jurisdiction and all other applicable laws.

2.0 CONTROLS:

2.a Erosion And Sediment Controls:

In the Section 104 Erosion Control Plan, the Contractor shall describe the proposed stablization and structural practices based on the Contractor's proposed Traffic Control Plan. The following recommended guidelines are based on the Erosion Control Plans outlined in the construction plans. The Contractor may choose to accept the following guidelines or modify them in the Section 104 Erosion Control Plan, subject to approval of the Engineer. As work progresses, the Contractor shall modify the plan to adapt to seasonal variation, changes in construction activities, and the need for better practices.

* Sediment Barrier.
* Staked and Floating Turbidity Barrier.
* Sandbags to control erosion and trap silt.
* Inlet protection in accordance with Design Standard 104.
* No Hay Bales shall be used for inlet protection or in roads. Only synthetic hay bales or other types of inlet protection shall be used.

Permanent:

* All sod shall be placed within seven working days of final grading in areas that are to be sodded.

2.b Stormwater Management:

A pond will receive runoff from the proposed storm drain system. Contractor will be responsible for taking all required measures to ensure that all stormwater runoff from Contractor's work site fully complies with volume and water quality criteria as established in the site-wide SWPPP and all stormwater permits. Contractor will be required to implement all necessary measures to ensure that stormwater runoff from Contractor's work site does not adversely impact other Contractors or property. The Contractor must clean all new and existing storm structures and pipes of debris and sediments when construction is completed. In addition, Contractor must clean any off-site structures and pipes of sediment and debris, if these were the result of construction activity.

2.c Other Controls:

2.c.1 Waste Disposal:

In the Section 104 Erosion Control Plan, the Contractor shall describe the proposed methods to prevent the discharge of solid materials, including building materials, to waters of the United States. The proposed methods shall include at least the following, unless otherwise approved by the Engineer.

* Providing litter control and collection within the project during construction activities.
* Disposing of all fertilizer or other chemical containers according to EPA's standard practices as detailed by the manufacturer.
* Disposing of solid materials including building and construction materials off the project site but not in surface waters, or wetlands.

2.c.2 Off-Site Vehicle Tracking & Dust Control:

In the Section 104 Erosion Control Plan, the Contractor shall describe the proposed methods for minimizing offsite vehicle tracking of sediments and generating dust. The proposed methods shall include at least the following, unless otherwise approved by the Engineer.

* Covering loaded haul trucks with tarpaulins.
* Removing excess dirt from paved areas daily.
* Using roadway sweepers during dust generating activities such as excavation and milling operations.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 162

2.c.3 State and Local Regulations For Waste Disposal, Sanitary Sewer, Or Septic Tank Regulations:

In the Section 104 Erosion Control Plan, the Contractor shall describe the proposed procedures to comply with applicable state and local regulations for waste disposal, and sanitary sewer or septic systems.

2.c.4 Fertilizers and Pesticides:

In the Section 104 Erosion Control Plan, the Contractor shall describe the procedures for applying fertilizers and pesticides. The proposed procedures shall comply with applicable subsections of either Section 570 or 571 of the Specifications.

2.c.5 Toxic/Hazardous Substances:

The Contractor shall provide to the Engineer and the Owner's Representative current copies of Safety Data Sheets (SDS's) for all toxic/hazardous substances and materials that Contractor plans to use on the job and provide a plan addressing the generation, application, migration and storage of these substances.

2.d Approved State and Local Plans and Permits:

* SWFWMD Environmental Resource Permit

3.0 MAINTENANCE:

In the Section 104 Erosion Control Plan, the Contractor shall provide a plan for maintaining all erosion and sediment controls throughout construction. The maintenance plan shall at a minimum, comply with the following:

* Silt Fence: Maintain per specification section 104. Anticipate replacing silt fence on 12 month intervals.

* Sediment Barriers: Remove sediment as per manufacturer's recommendations or when water ponds in unacceptable amounts or areas.

* Stabilized construction entrances shall be maintained to prevent clogging of rock bedding which may impede the usefullness of the structure.

4.0 INSPECTIONS:

The Contractor shall inspect the following items at least once every seven calendar days and within 24 hours of the end of a storm that is 0.50 inches or greater. To comply, the Contractor shall install and maintain rain gages and record daily rainfall. Where sites have been permanently stabilized, inspections shall be conducted at least once every month. The Contractor shall also inspect that controls installed in the field agree with the latest Stormwater Pollution Prevention Plan.

* Points of discharge to waters of the United States.

* Points of discharge to municipal separate storm drain systems.

* Disturbed areas of the site that have not been finally stabilized.

* Areas used for storage of materials that are exposed to precipitations.

* Structural controls.

* Stormwater management systems.

* Locations where vehicles enter or exit the site.

The Contractor shall initiate repairs within 24 hours of inspections that indicate items are not in good working order.

If inspections indicate that the installed stabilization and structural practices are not sufficient to minimize erosion, retain sediment, and prevent discharging pollutants, the Contractor shall provide additional measures, as approved by the Engineer.

5.0 NON-STORMWATER DISCHARGES:

In the Section 104 Erosion Control Plan, the Contractor shall identify all anticipated non-stormwater discharges (except flows from fire fighting activities). The Contractor shall describe the proposed measures to prevent pollution of these non-stormwater discharges. If the contractor encounters contaminated soil or groundwater, contact Dave Letterman, District Hazardous Materials Coordinator, at (888) 274-5343.

6.0 WATER QUALITY MONITORING:

Monitoring for turbidity as measured in nephelometric turbidity units (NTUs) shall be conducted for the duration of construction activities in accordance with the National Pollutant Discharge Elimination System (NPDES) Construction General Permit (CGP).

6.b The following information must be recorded for each sample taken in a monitoring report:

6.b.1 Site number;
6.b.2 Dates and time of day when sample was collected;
6.b.3 Total depth and sample depth
6.b.4 Antecedent weather conditions, including wind direction and velocity; and,
6.b.5 Tidal stage and/or flow direction

6.c In addition to the above mentioned, each monitoring report must include the following:

6.c.1 A statement of methodology including types of sampling equipment and analytical instrumentation, preservation, and handling;
6.c.2 Permit number;
6.c.3 A map indicating numbered locations of all sampling sites;
6.c.4 Copies of the quality assurance/quality control log; and,
6.c.5 A statement by the quality control officer as to the authenticity of the data.

6.d All turbidity monitoring reports shall be submitted to the SWFWMD Sarasota Regulation Department : attention environmental manager within seven days of sample collection. (78 Sarasota Center Blvd., Sarasota, FL 34240, (941) 377-3722) All correspondence should include the permittee name and permit number. Failure to submit reports in a timely manner constitutes a violation of the permit and may be grounds for revocation.

6.e The following QA/QC protocol is required for each sample collected:

6.e.1 All turbidity analysis shall be performed on instruments that can perform nephelometric measurements;
6.e.2 The instrument must be calibrated each morning and each time the instrument is turned on, and recalibrated every four hours thereafter;
6.e.3 Calibrations must be performed against a blank sample, and at least one formalin or gel-type standard. The standard value should be in the same range as the sample readings;
6.e.4 All calibration procedures must be recorded in a permanent logbook, and copies must be submitted with the data; and,
6.e.5 Date and time of collection, date and time of analyses, warm-up time, and the name of the analyst must be included in the log.

6.f If 29 NTUs exceed background ambient water quality, all construction activities shall immediately cease. Any violations shall be immediately reported to SWFWMD (the District) at (941) 377-3722. The violation report shall include the description of the corrective actions being taken or proposed to be taken. If violations are noted after normal business hours, on holidays or on weekends, the report shall be made to the District as soon as normal business hours resume. A copy of all monitoring data sheets, which indicate violations, shall be forwarded immediately to the Sarasota Regulation Department of the District, attention environmental manager and include a copy to Manatee County Department of Public Works, infrastructure engineering division at janice.haas@mymanatee.org or (941) 708-7450.

6.g When a turbidity violation is found, construction operations may not resume until a compliance inspection by district personnel has been conducted and a set of samples has been taken which demonstrates that water quality standards designated above are no longer exceeded. Interim samples taken following the violation shall be taken in the same manner as the routine monitoring and the same locations. If samples demonstrate the water quality standards specified above for turbidity are still being violated, sampling shall continue at two-hour intervals until the interim sample demonstrated the no violation is occurring.

6.h Failure to report violations or to follow correct procedures before resuming work will constitute grounds for revocation of the district permit and may also render the permittee subject to enforcement action.

7.0 TRACKING AND REPORTING:

7.a The contractor shall submit a weekly report to the county documenting inspections and maintenance or repairs to the erosion and sediment control devices. The contractor shall maintain all required reports and complete all SWPPP inspection forms.

7.b Preparation of all the contractor's reports of inspection, maintenance and repairs required for the control and abatement of erosion and water pollution, shall be included in the individual costs of the erosion and sediment control devices of the project.

7.c The contractor shall use the FDOT's standard SWPPP construction inspection report form #650-040-03, for inspections

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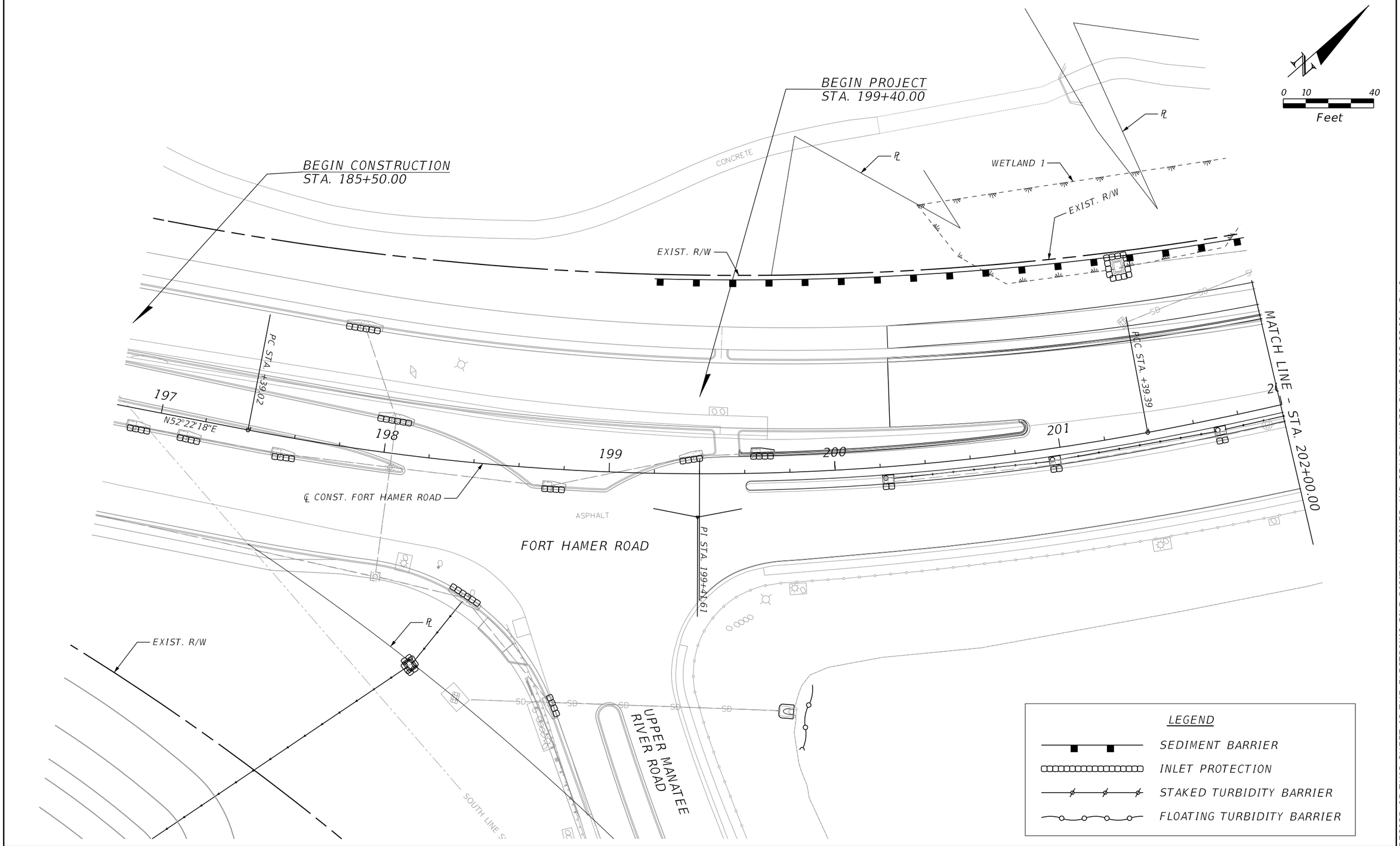
ENGINEER OF RECORD
MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

STORMWATER POLLUTION PREVENTION PLAN

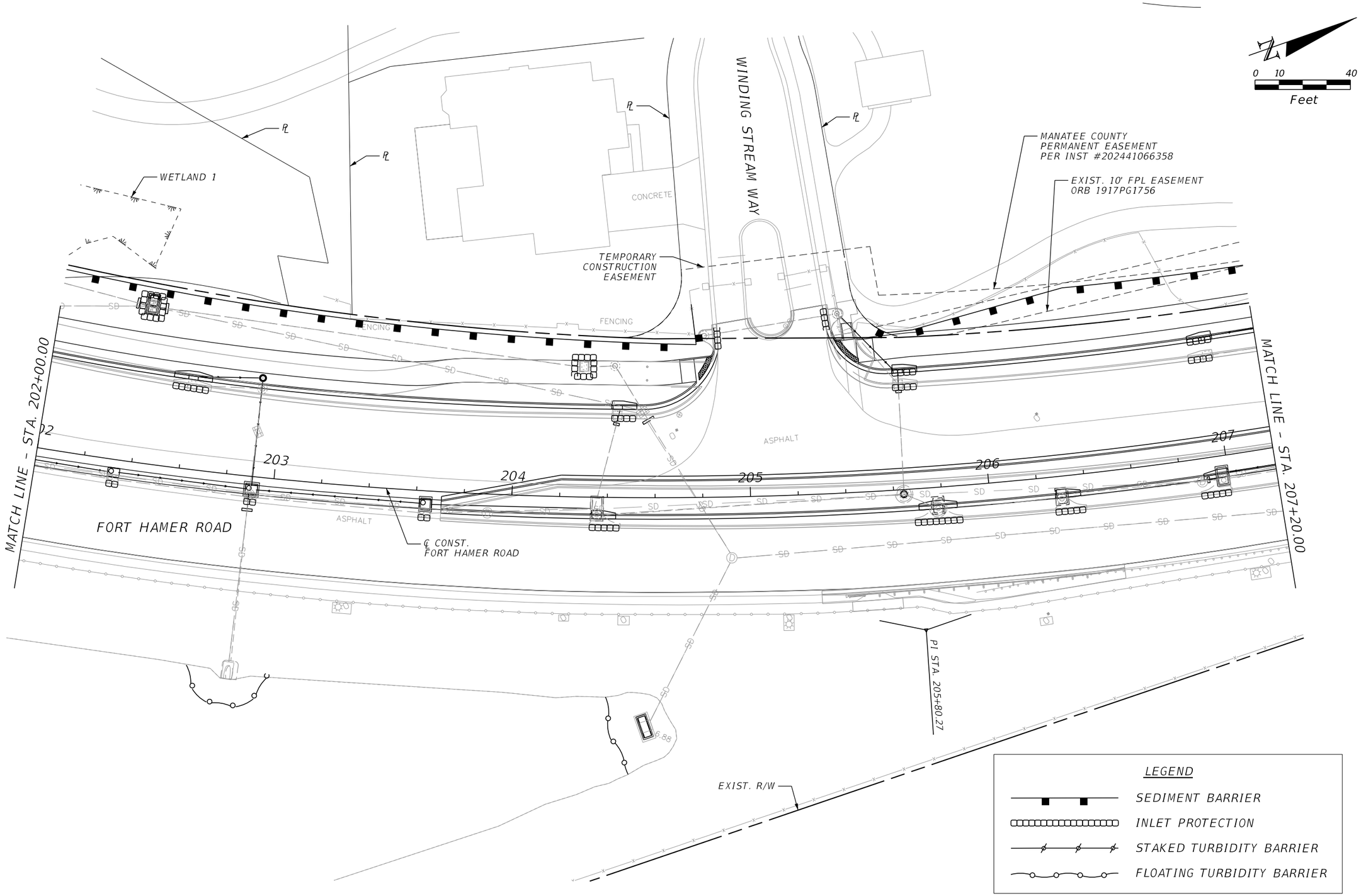
SHEET NO. 163



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			EROSION CONTROL PLAN (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		164
					FORT HAMER	MANATEE	452856-1-34-01		

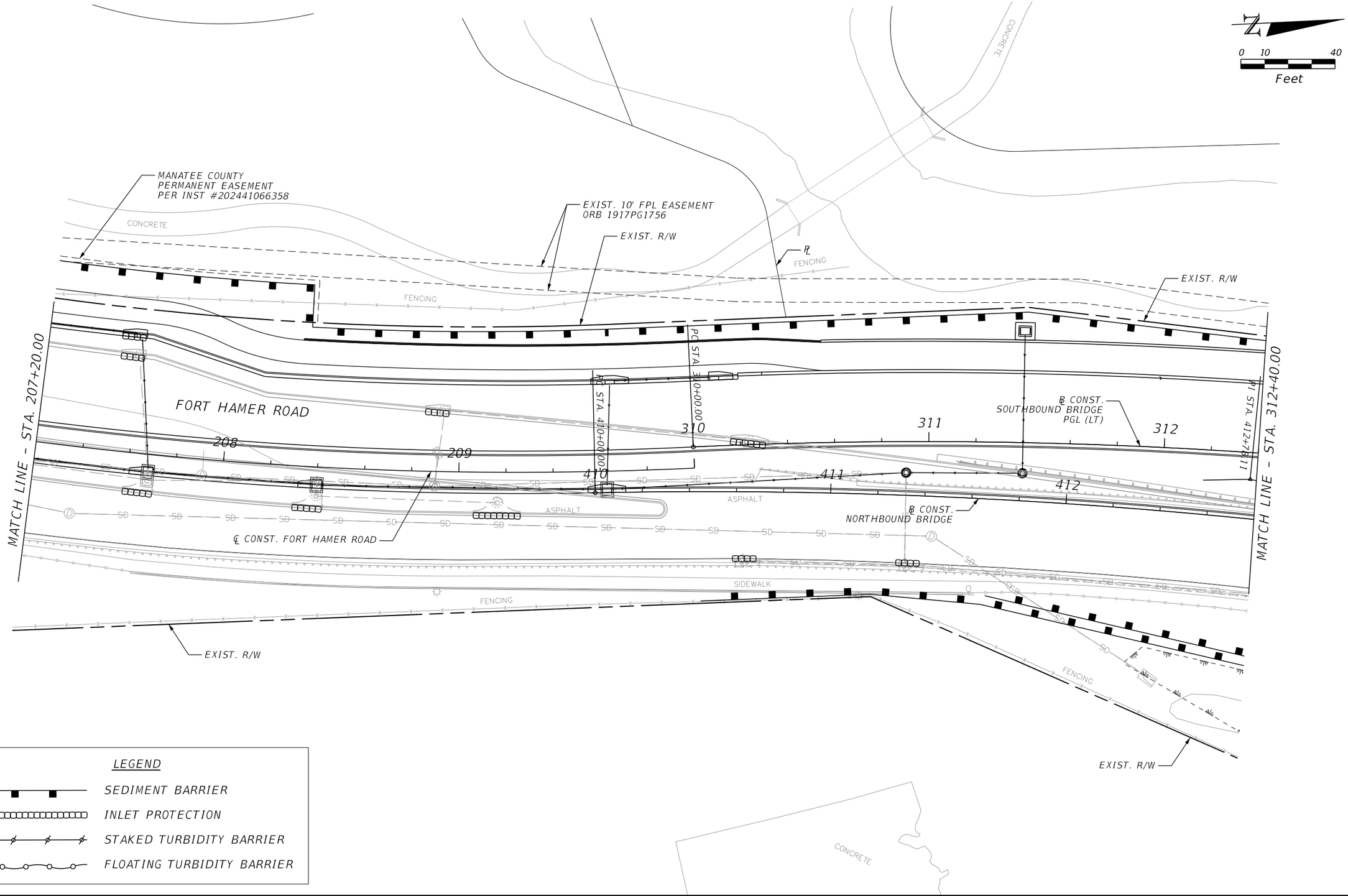
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REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			EROSION CONTROL PLAN (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		165
					FORT HAMER	MANATEE	452856-1-34-01		

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LEGEND

- SEDIMENT BARRIER
- INLET PROTECTION
- STAKED TURBIDITY BARRIER
- FLOATING TURBIDITY BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

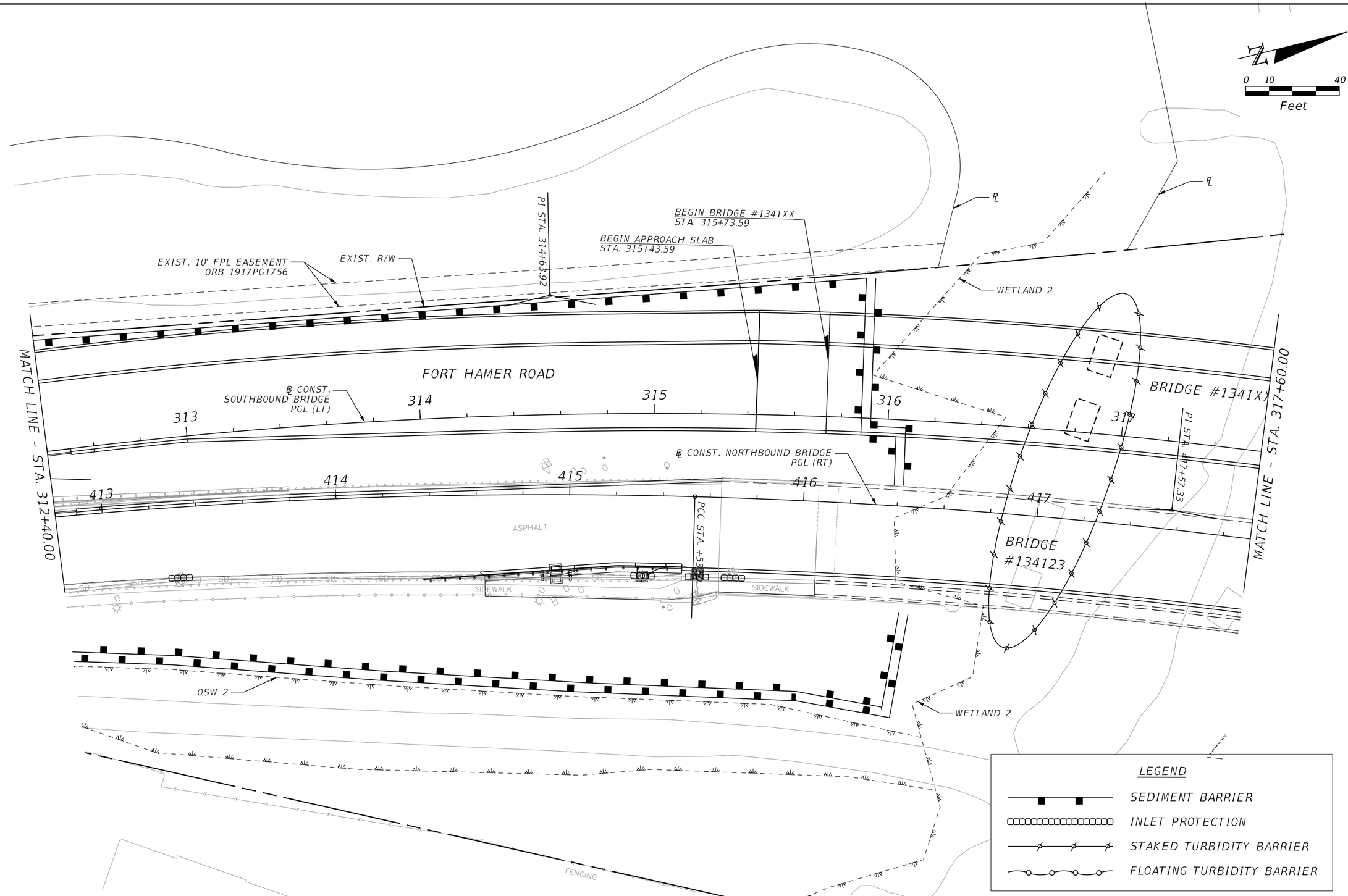
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FORT HAMER	MANATEE	452856-1-34-01

EROSION CONTROL PLAN (3)

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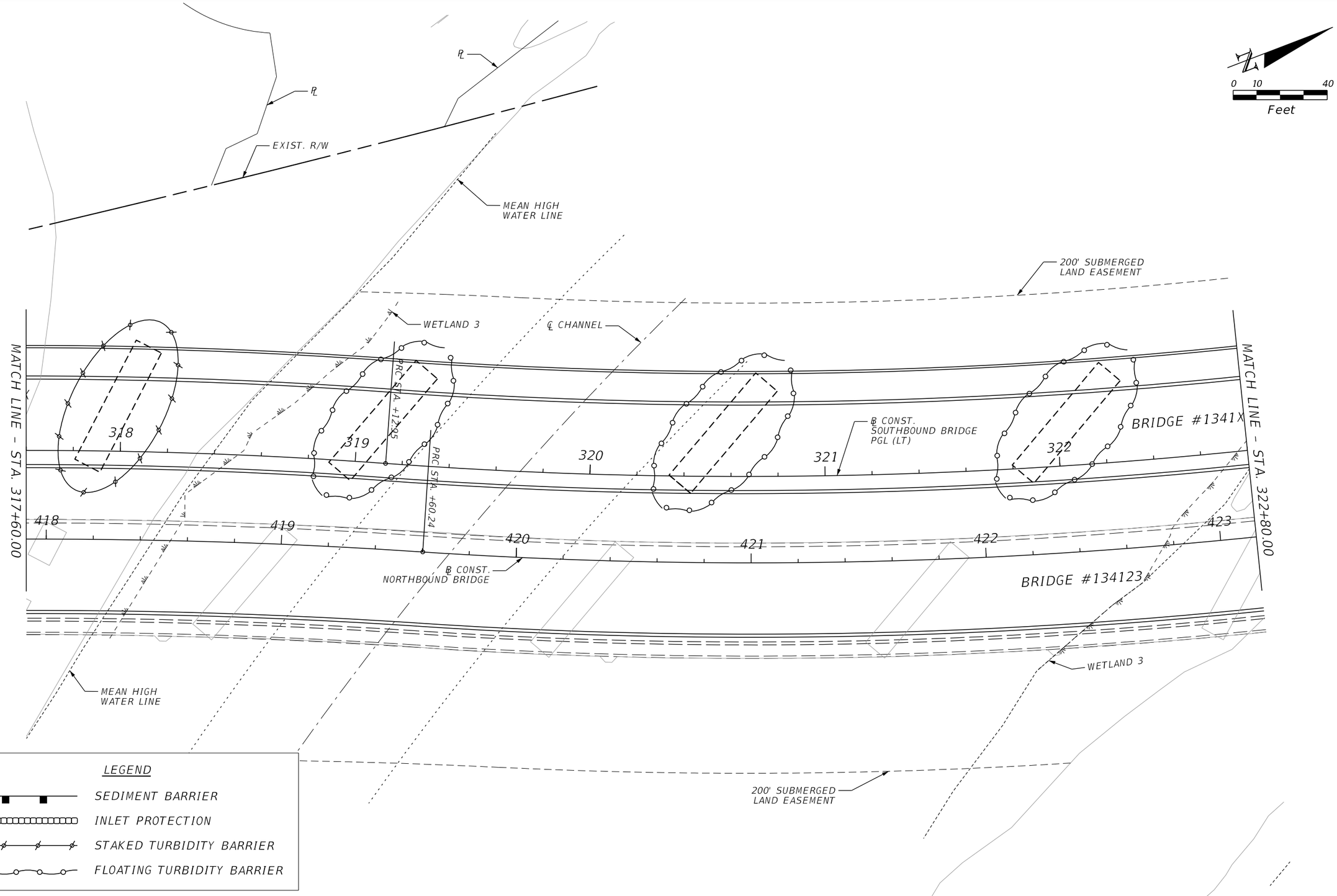
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DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		167
					FORT HAMER	MANATEE	452856-1-34-01		

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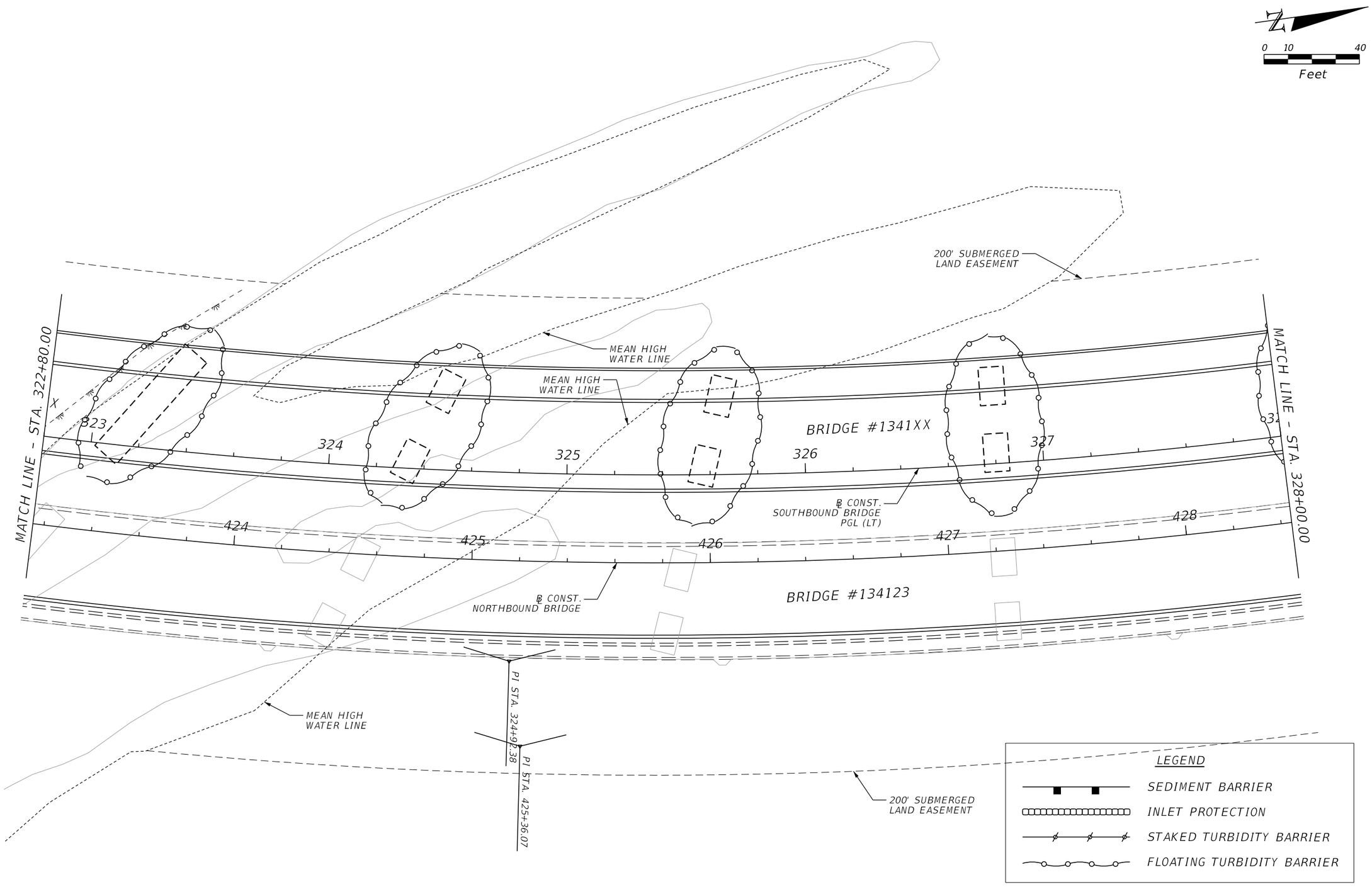
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REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			EROSION CONTROL PLANS (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		168
					FORT HAMER	MANATEE	452856-1-34-01		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

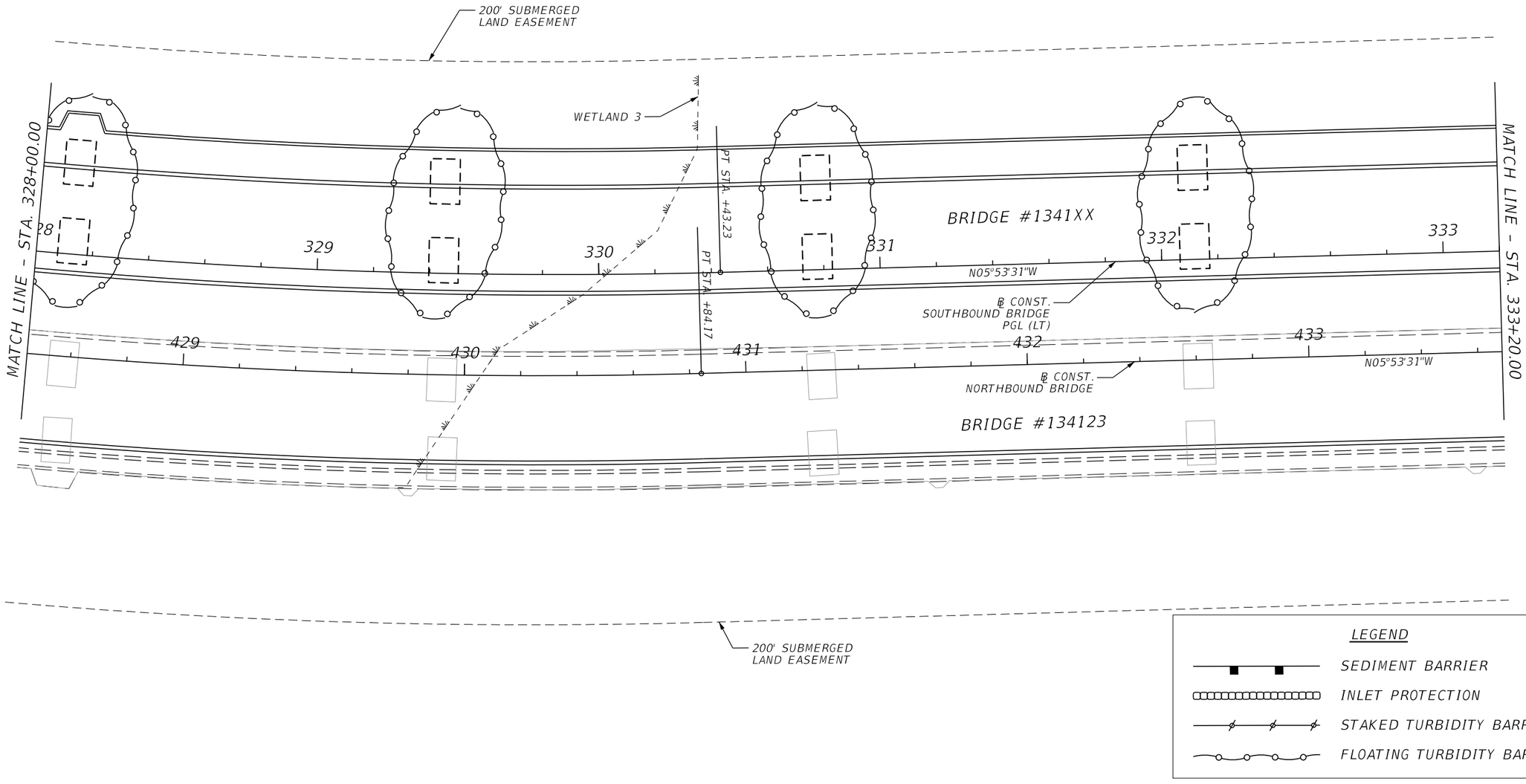
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

EROSION CONTROL PLANS (6)

SHEET NO. 169

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LEGEND

- SEDIMENT BARRIER
- INLET PROTECTION
- STAKED TURBIDITY BARRIER
- FLOATING TURBIDITY BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

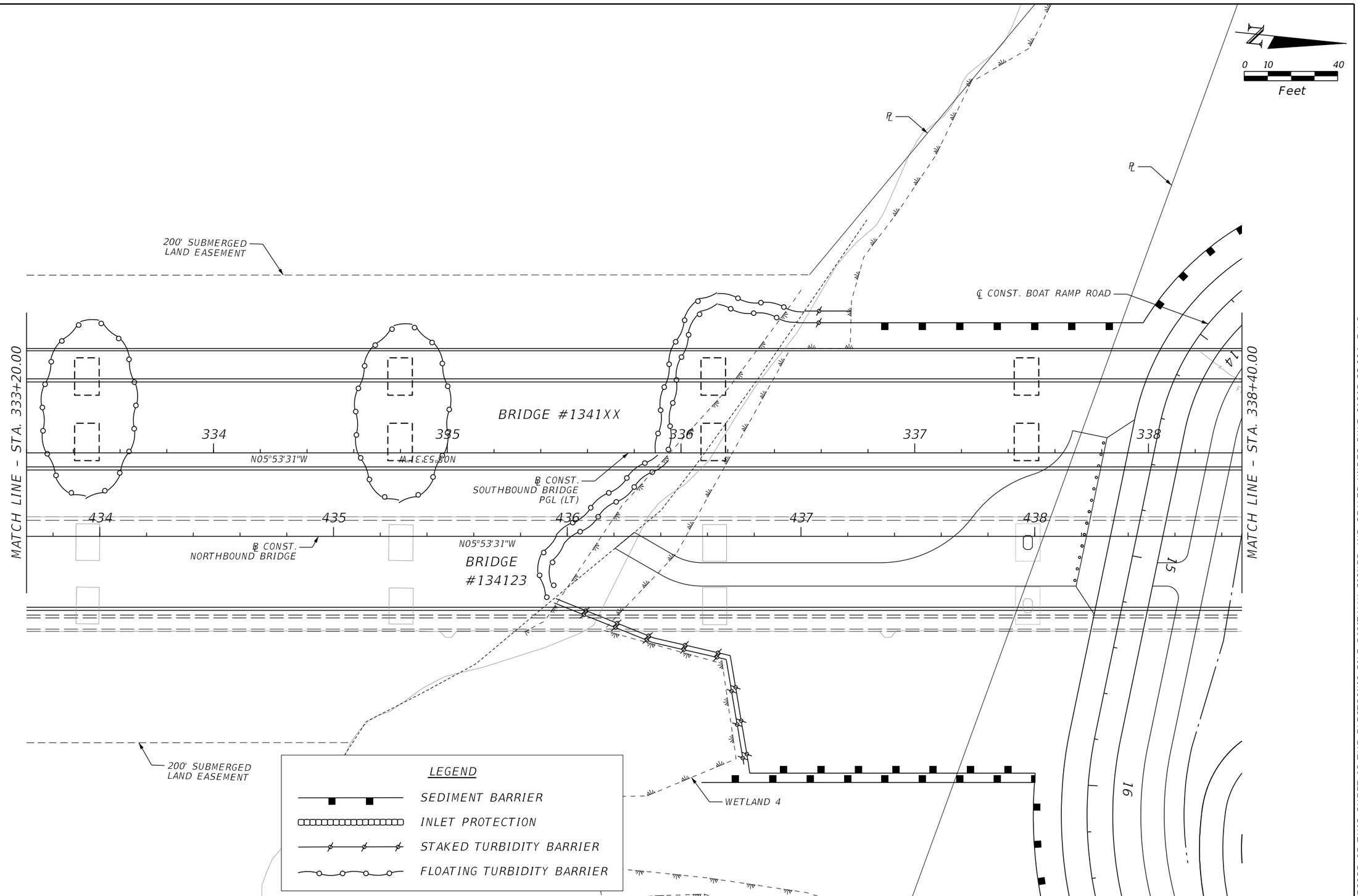
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

EROSION CONTROL PLANS (7)

SHEET NO. 170

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

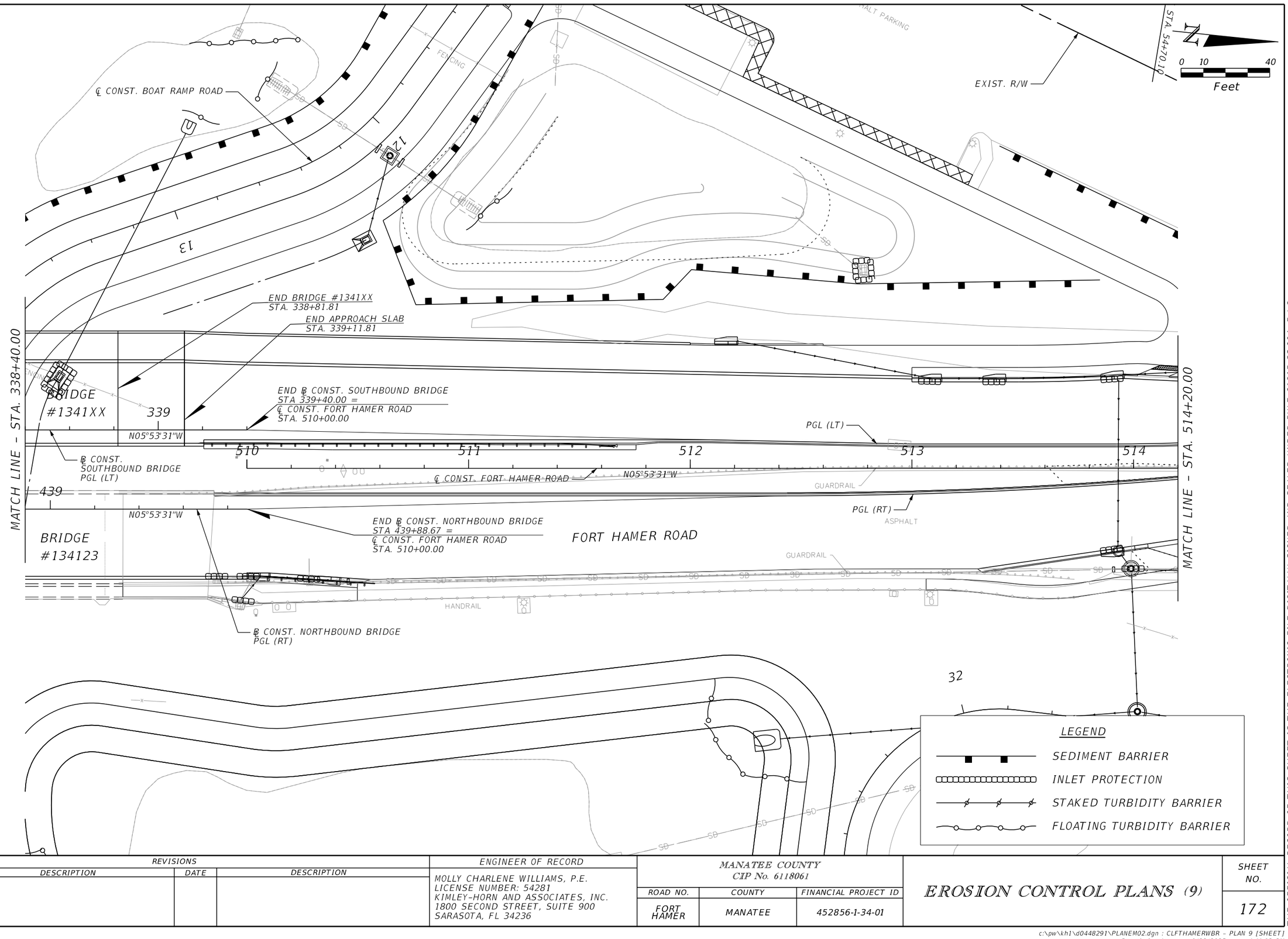
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

EROSION CONTROL PLANS (8)

SHEET NO. 171

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
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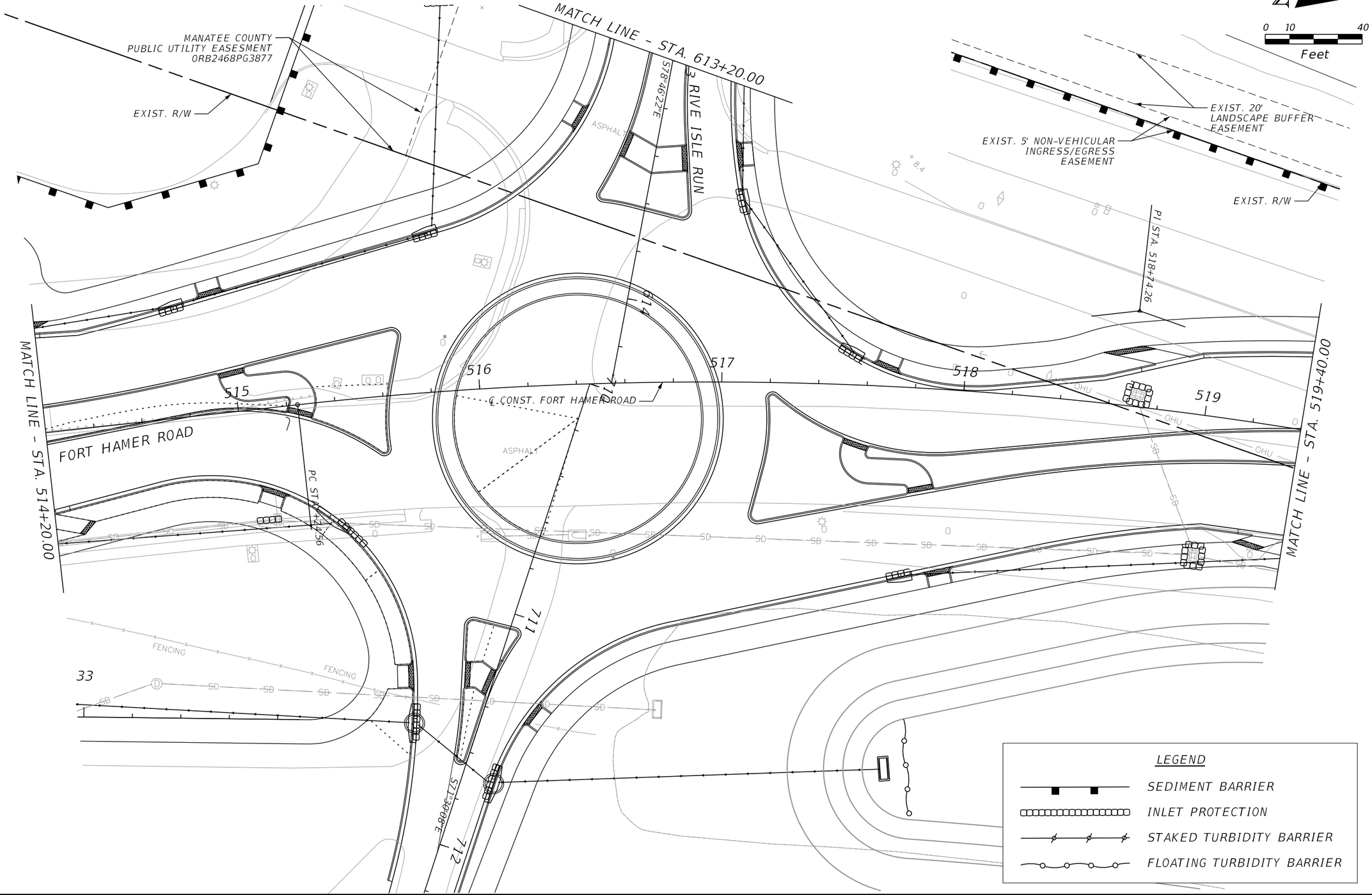
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

EROSION CONTROL PLANS (9)

SHEET NO. 172

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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Beatriz.Inacio 9/22/2025 4:41:03 PM



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REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			EROSION CONTROL PLANS (10)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		173
					FORT HAMER	MANATEE	452856-1-34-01		

0 10 40
Feet

EXIST. 20' LANDSCAPE BUFFER EASEMENT

EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT

EXIST. R/W

℄

WETLAND 5

TEMPORARY CONSTRUCTION EASEMENT

EXIST. R/W

MATCH LINE - STA. 519+40.00

520 521 522 523 524

℄ CONST. FORT HAMER ROAD

ASPHALT

ASPHALT

N19°53'22"E

PT STA. 521+18.12

FORT HAMER ROAD

MATCH LINE - STA. 524+60.00

OHU

EXIST. R/W

MANATEE COUNTY OWNED PROPERTY

EXIST. 20' ELECTRIC UTILITY EASEMENT

LEGEND

SEDIMENT BARRIER

INLET PROTECTION

STAKED TURBIDITY BARRIER

FLOATING TURBIDITY BARRIER

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

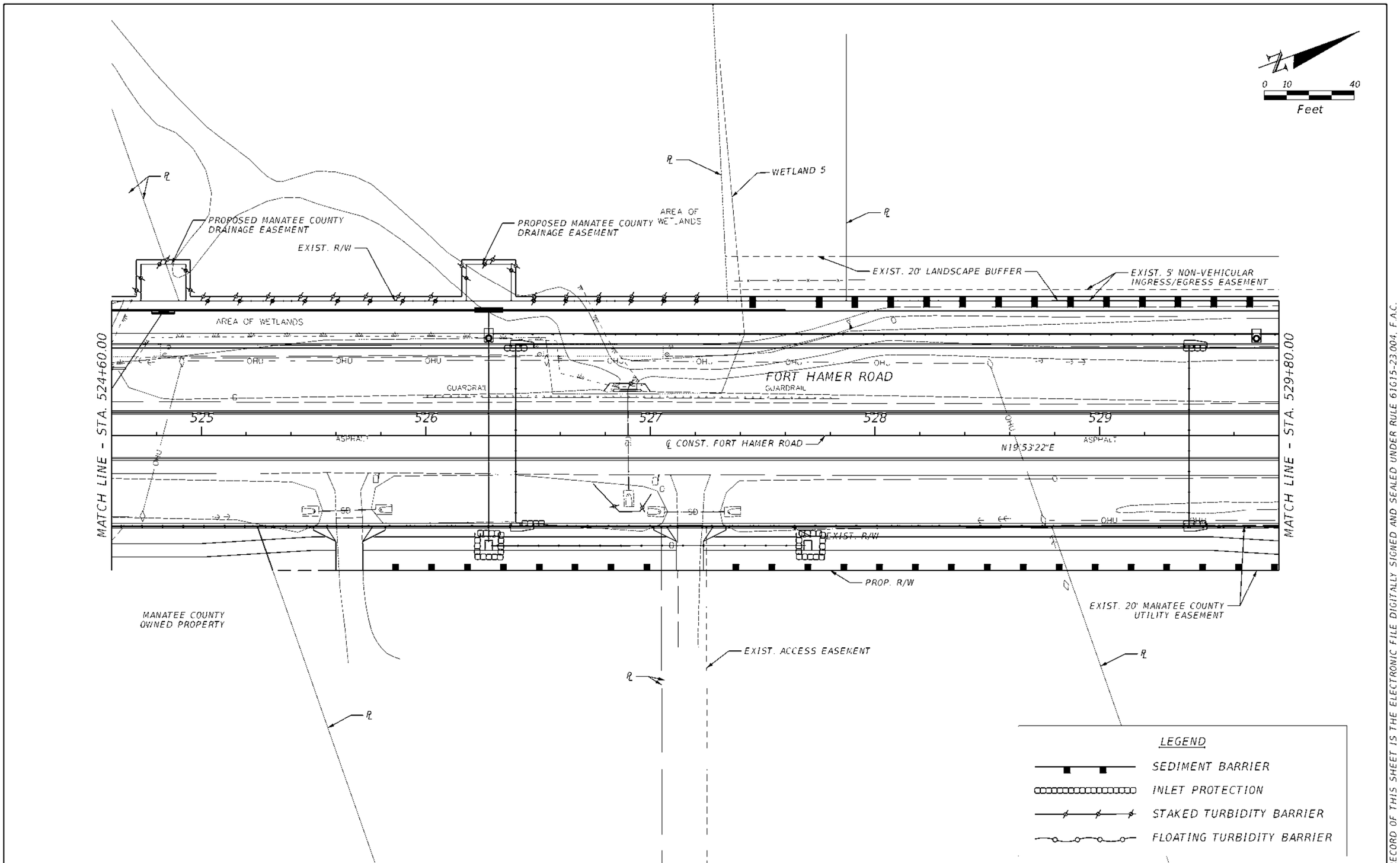
MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

EROSION CONTROL PLANS (11)

SHEET NO. 174



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			EROSION CONTROL PLANS (12)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		175
					FORT HAMER	MANATEE	452856-1-34-01		

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Beatriz.Inacio 9/22/2025 4:33:22 PM

0 10 40
Feet

EXIST. R/W
EXIST. 20' LANDSCAPE BUFFER
EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT

MATCH LINE – STA. 529+80.00

530 531 532 533 534 535

℄ CONST. FORT HAMER ROAD N19°53'22"E

FORT HAMER ROAD

ASPHALT ASPHALT

MATCH LINE – STA. 535+00.00

SB OHU OHU OHU OHU OHU OHU OHU OHU OHU OHU OHU OHU

FENCING FENCING

EXIST. R/W

EXIST. 20' MANATEE COUNTY UTILITY EASEMENT

PROP. R/W

℄ ℄

LEGEND

SEDIMENT BARRIER

INLET PROTECTION

STAKED TURBIDITY BARRIER

FLOATING TURBIDITY BARRIER

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			EROSION CONTROL PLANS (13)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MOLLY CHARLENE WILLIAMS, P.E. LICENSE NUMBER: 54281 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		176
					FORT HAMER	MANATEE	452856-1-34-01		

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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Beatriz.Inacio 9/22/2025 4:40:37 PM

0 10 40
Feet

EXIST. 20' LANDSCAPE BUFFER
EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT
℄
END PROJECT
END CONSTRUCTION
℄ CONST. FORT HAMER ROAD
STA. 536+00.00
535
536
537
538
539
540
FORT HAMER ROAD
℄ CONST. FORT HAMER ROAD
N19°53'22"E
ASPHALT
ASPHALT
MATCH LINE – STA. 535+00.00
OHU
FENCING
SD
EXIST. R/W
PROP. R/W
EXIST. 27' UTILITY EASEMENT
℄
℄
℄
℄
FENCING

LEGEND
SEDIMENT BARRIER
INLET PROTECTION
STAKED TURBIDITY BARRIER
FLOATING TURBIDITY BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

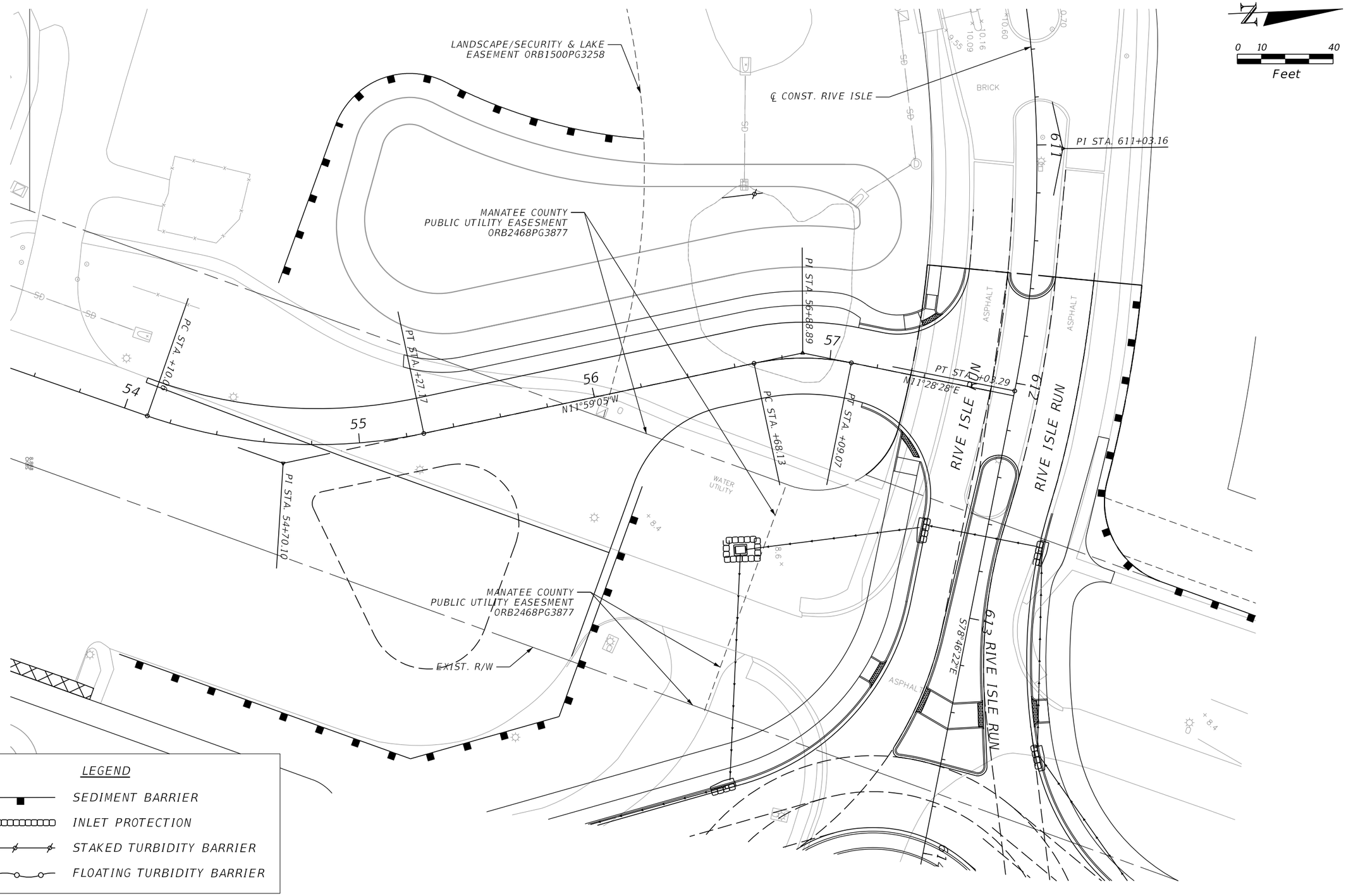
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

EROSION CONTROL PLANS (14)

SHEET NO.
177

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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Beatriz.Inacio 9/22/2025 4:40:38 PM



LEGEND

- SEDIMENT BARRIER
- INLET PROTECTION
- STAKED TURBIDITY BARRIER
- FLOATING TURBIDITY BARRIER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

EROSION CONTROL PLANS (15)

SHEET NO. 178

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

c:\pw\kh1\d0448291\PLANEM06.dgn : ROADWAY PLAN (16)
Beatriz.Inacio 9/22/2025 4:59:18 PM

℄ CONST. BOAT RAMP ROAD

LANDSCAPE/SECURITY & LAKE EASEMENT ORB1500PG3258

EXIST. R/W

MANATEE COUNTY PUBLIC UTILITY EASESMENT ORB2468PG3877

END ℄ CONST. SOUTHBOUND BRIDGE STA 339+40.00 = ℄ CONST. FORT HAMER ROAD STA. 510+00.00

℄ CONST. SOUTHBOUND BRIDGE PGL (LT)

200' SUBMERGED LAND EASEMENT

PGL (LT)

PGL (RT)

FORT HAMER ROAD

℄ CONST. FORT HAMER ROAD

℄ CONST. NORTHBOUND BRIDGE

200' SUBMERGED LAND EASEMENT

℄ CONST. NORTHBOUND BRIDGE, PGL (RT)

WETLAND 4

END ℄ CONST. NORTHBOUND BRIDGE STA 439+88.67 = ℄ CONST. FORT HAMER ROAD STA. 510+00.00

PI STA. 611+03.16

PI STA. 56+88.85

PC STA. +03.29

PI STA. +27.17

PC STA. +09.07

PI STA. +68.13

PC STA. 54+70.10

PC STA. 712+62.20

PI STA. 712+96.08

PC STA. 713+00.44

STRAWFIELD RUN

LEGEND

- SEDIMENT BARRIER
- INLET PROTECTION
- STAKED TURBIDITY BARRIER
- FLOATING TURBIDITY BARRIER

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

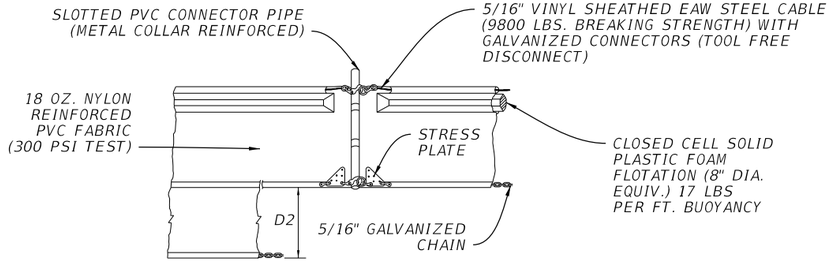
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

EROSION CONTROL PLANS (16)

SHEET NO. 179

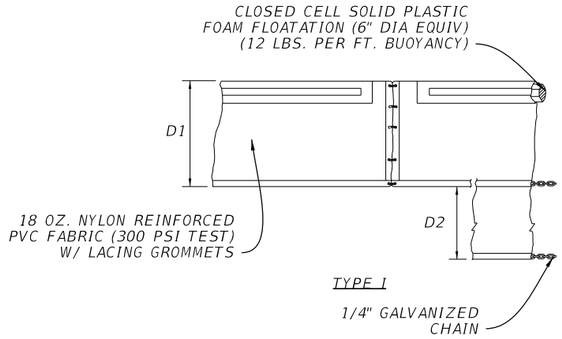
c:\pw\kh1\d0448291\PLANEM05.dgn : CL_BOATRAMPROAD - BOATRAMPRD 15 [SHEET]
Beatriz.Inacio 9/22/2025 4:54:42 PM



TYPE II

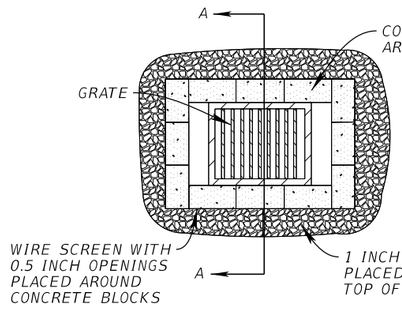
D1 = 5' STD. (SINGLE PANEL FOR DEPTHS 5' OR LESS)
D2 = 5' STD. (ADDITIONAL PANEL FOR DEPTHS 5')
CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALLED FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

NOTE:
COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE APPROVED BY THE ENGINEER.

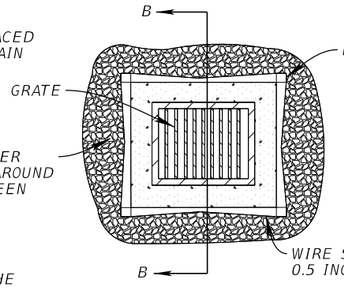


TYPE I

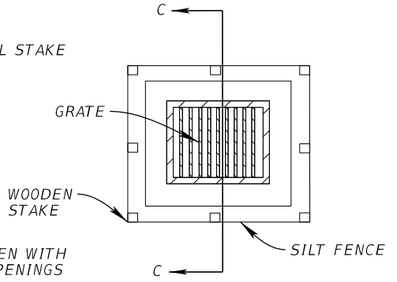
FLOATING TURBIDITY BARRIER



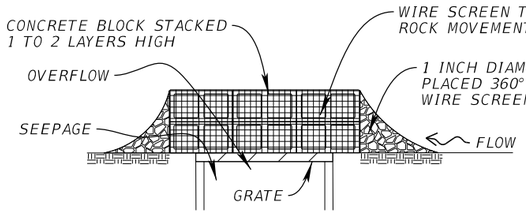
OPTION 1 - PLAN VIEW



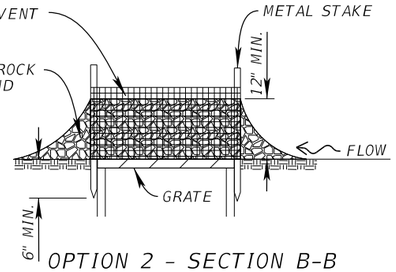
OPTION 2 - PLAN VIEW



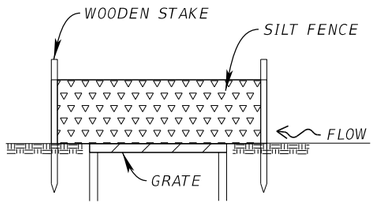
OPTION 3 - PLAN VIEW



OPTION 1 - SECTION A-A

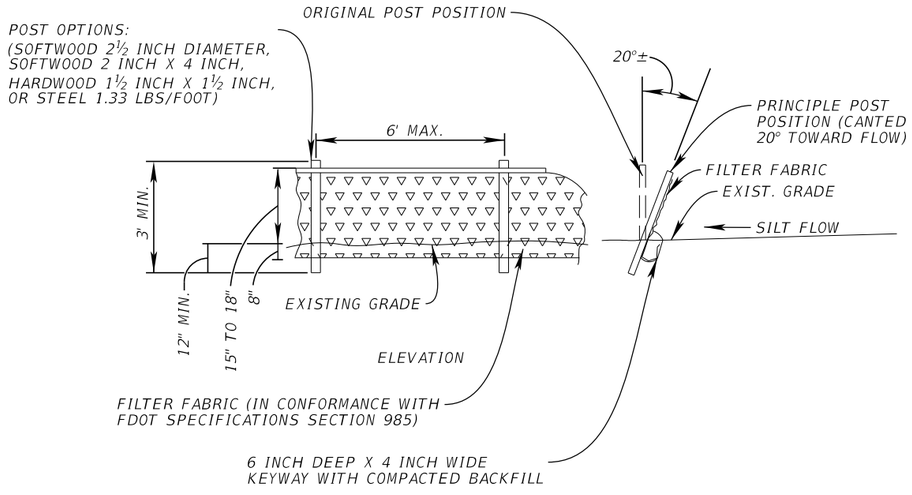


OPTION 2 - SECTION B-B

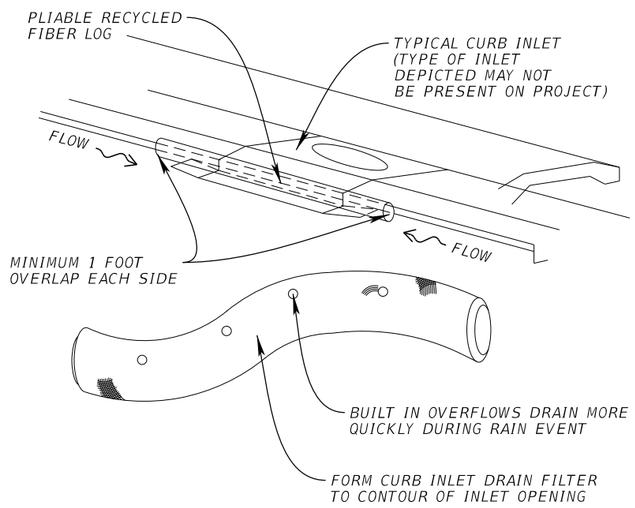


OPTION 3 - SECTION C-C

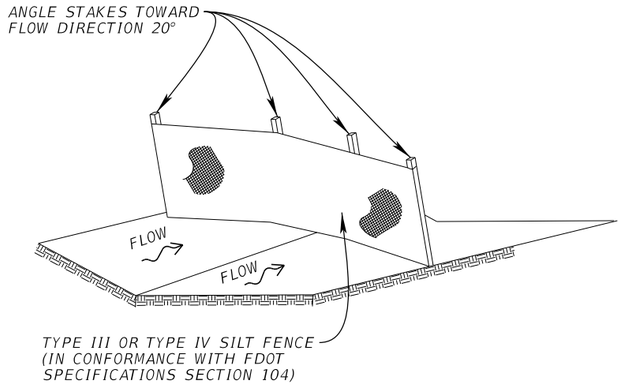
DITCH BOTTOM INLET PROTECTION



SEDIMENT BARRIER



INLET PROTECTION



SEDIMENT BARRIER CHECK DAM

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
MOLLY CHARLENE WILLIAMS, P.E.
LICENSE NUMBER: 54281
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

EROSION CONTROL DETAIL SHEET

SHEET NO. 180

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

c:\pw\kh1\d0448291\SWPPCN01.dgn : EROSION DETAILS
Beatriz.Inacio 9/22/2025 1:07:56 PM

TEMPORARY TRAFFIC CONTROL NOTES

1. PER FDOT SPECIFICATION 8-6.4, SUSPENSION OF CONTRACTORS OPERATIONS FOR HOLIDAYS AND SPECIAL EVENTS, SPECIAL EVENT DAYS FOR THIS PROJECT INCLUDE: TO BE DETERMINED BY MANATEE COUNTY.
2. ALL LANES MUST BE REOPENED TO NORMAL TRAFFIC WITHIN TWELVE HOURS OF EVACUATION NOTICE FOR A HURRICANE OR ANY OTHER EMERGENCY EVENT AS DIRECTED BY THE ENGINEER.
3. SPEED LIMIT OF 40 MPH SHALL BE MAINTAINED THROUGH DURATION OF PROJECT.
4. CONTRACTOR IS TO ADHERE TO THE REQUIREMENTS SET FORTH IN THE LATEST VERSION OF THE FDOT STANDARD PLANS INDEX 102-600 SERIES AT ALL TIMES.
5. MAINTAIN ACCESS FOR LOCAL TRAFFIC AT ALL TIMES FOR WORK ZONE AREAS.
6. COORDINATE TEMPORARY DRIVEWAY ACCESS WITH RESIDENTIAL PROPERTIES AND COMMERCIAL BUSINESSES PRIOR TO CONSTRUCTION.
7. ALL EXISTING SIGNS AND PAVEMENT MARKINGS WHICH CONFLICT WITH THE TRAFFIC CONTROL PLAN DURING A CONSTRUCTION PHASE ARE TO BE REMOVED, COVERED, OR TEMPORARILY RELOCATED AS NECESSARY PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
8. PROPOSED WORK THROUGH SIDE STREETS REQUIRING A LANE CLOSURE ON THE SIDE STREET SHALL COMPLY WITH THE LANE CLOSURE RESTRICTIONS PER THE STANDARD PLANS WITH FLAGGERS PRESENT AS OUTLINED IN THE TCP TWO-LANE SIDE STREET, CONSTRUCTION DETAILS IN THESE PLANS.
9. ALL TEMPORARY DRAINAGE ITEMS REQUIRED AS PART OF THIS TEMPORARY TRAFFIC CONTROL PLAN SHALL BE PAID FOR FROM THE MAINTENANCE OF TRAFFIC LUMP SUM.
10. USE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AS SHOWN IN THE ADVANCE SIGNAGE DETAIL 14 DAYS PRIOR TO BEGIN CONSTRUCTION WITH THE FOLLOWING MESSAGES:

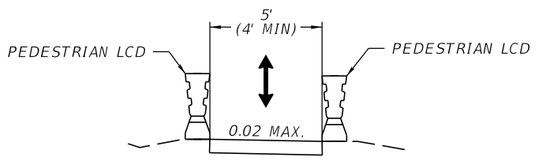
MESSAGE 1	MESSAGE 2
FORT HAMER ROAD	CONST BEGINS XX/XX/XX

11. USE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AT LOCATIONS SHOWN IN THE ADVANCED SIGNAGE DETAIL ONCE TRAFFIC SHIFTS BEGIN. (MESSAGE MAY BE CHANGED BY THE ENGINEER)

MESSAGE 1	MESSAGE 2
FORT HAMER ROAD	NEW TRAFFIC PATTERN

12. USE PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AT LOCATIONS SHOWN IN THE ADVANCE SIGNAGE DETAIL DURING LANE CLOSURES WITH THE FOLLOWING MESSAGE: (MESSAGE MAY BE CHANGED BY THE ENGINEER)

MESSAGE 1	MESSAGE 2
LANE CLOSED AHEAD	PREPARE TO STOP



TEMPORARY PEDESTRIAN WALKWAY DETAIL

N.T.S.

PHASING NOTES

PRE-PHASE I

1. CONSTRUCT PRE-PHASE I TEMPORARY PAVEMENT AS SHOW ON PHASE I PLAN SHEET (2) NEAR STATION 199+00 AND ON PHASE I SHEET (4) NEAR STATION 517+00
2. PLACE ADVANCE SIGNING ALONG MAINLINE AND SIDESTREETS.
3. MODIFY EXISTING PAVEMENT STRIPING AND SIGNAGE TO PROVIDE FOR PHASE I TRAFFIC PATTERNS.

PHASE I

1. ADJUST SIGNALIZATION AT UPPER MANATEE RIVER ROAD AND FORT HAMER ROAD TO ALIGN SIGNAL HEAD ALIGNMENT WITH THE TEMPORARY PHASE I LANE CONFIGURATIONS.
2. SHIFT ALL VEHICLE TRAFFIC AND BIKE TRAFFIC TO THE PHASE I TEMPORARY CONFIGURATIONS AND PEDESTRIAN TRAFFIC TO THE TEMPORARY WALKWAYS AS SHOWN
3. COMMENCE CONSTRUCTION OF PONDS, MODIFICATION TO EXISTING PONDS, DRAINAGE STRUCTURES AND PIPES CONNECTING TO PONDS AS DEPICTED IN THE PHASE I WORK AREA. CONSTRUCTION OF PONDS SHALL BE COMPLETED PRIOR TO SHIFTING TO PHASE II.
4. COMMENCE CONSTRUCTION OF THE PROPOSED DRAINAGE, CURB AND GUTTER, ROADWAY PAVEMENT CONSTRUCTION (EXCLUDING FRICTION COURSE), AND TEMPORARY PAVEMENT WITHIN THE PHASE I WORK AREA. NOTE THAT PORTIONS OF PROPOSED CONSTRUCTION WITH WORK AREAS WILL NEED TO BE DEFERRED UNTIL FUTURE PHASES TO ALLOW FOR TRAFFIC SHIFTS IN SUBSEQUENT PHASES.
5. CONSTRUCT TEMPORARY WALL FROM APPROXIMATELY STA. 313+75 TO STA. 315+30, 20' RT TO SUPPORT THE EXISTING ROADWAY DURING EXCAVATION REQUIRED FOR CONSTRUCTION OF THE SOUTHBOUND RETAINING WALL.
6. COMMENCE CONSTRUCTION ON THE NEW SOUTHBOUND BRIDGE, WALLS, ROADWAY APPROACH/DEPARTURE (EXCLUDING FRICTION COURSE) WITHIN THE PHASE I WORK AREA. NOTE THAT CONSTRUCTION OF BRIDGE AND ASSOCIATED COMPONENTS WILL EXTEND INTO PHASE II.
7. MODIFY EXISTING PAVEMENT STRIPING AND SIGNAGE TO PROVIDE FOR PHASE II TRAFFIC PATTERNS.

PHASE II

1. ADJUST SIGNALIZATION AT UPPER MANATEE RIVER ROAD AND FORT HAMER ROAD TO ALIGN SIGNAL HEAD ALIGNMENT WITH THE TEMPORARY PHASE II LANE CONFIGURATIONS.
2. SHIFT ALL VEHICLE TRAFFIC AND BIKE TRAFFIC TO THE PHASE II TEMPORARY CONFIGURATIONS AND PEDESTRIAN TRAFFIC TO THE TEMPORARY WALKWAYS AS SHOWN.
3. COMMENCE CONSTRUCTION OF THE PROPOSED DRAINAGE, CURB AND GUTTER, SIDEWALK, ROADWAY PAVEMENT CONSTRUCTION (EXCLUDING FRICTION COURSE), LIGHTING, AND TEMPORARY PAVEMENT WITHIN THE PHASE II WORK AREA. NOTE THAT PORTIONS OF PROPOSED CONSTRUCTION WITH WORK AREAS WILL NEED TO BE DEFERRED UNTIL FUTURE PHASES TO ALLOW FOR TRAFFIC SHIFTS IN SUBSEQUENT PHASES.
4. CONSTRUCT TEMPORARY PAVEMENT TO WIDEN THE EXISTING SIDEWALK FROM APPROXIMATELY 531+20 TO 536+50 AND PROVIDE CONNECTION TO THE EXISTING PAVED SHOULDER AT STATION 537+00.
5. CONSTRUCTION OF CROSS DRAINS MUST BE CONSTRUCTED IN A MANNER TO MAINTAIN FLOWS AND MAY REQUIRE ADDITIONAL TEMPORARY PAVEMENT TO SHIFT TRAFFIC. FLAGGER OPERATIONS WILL BE REQUIRED TO ACCOMMODATE LANE CLOSURES. CONSTRUCTION OF CROSS DRAINS MUST BE COMPLETED WITHIN THIS PHASE.
6. CONSTRUCTION OF THE PROPOSED DRAINAGE CONNECTIONS, FROM WEST TO EAST, MUST BE COMPLETED DURING PHASE II AND MAY REQUIRE ADDITIONAL TEMPORARY PAVEMENT TO SHIFT TRAFFIC. FLAGGER OPERATIONS WILL BE REQUIRED TO ACCOMMODATE LANE CLOSURES.
7. COMPLETE THE CONSTRUCTION ON THE NEW SOUTHBOUND BRIDGE, WALLS, ROADWAY APPROACH/DEPARTURE (EXCLUDING FRICTION COURSE) WITHIN THE PHASE II WORK AREA.
8. MODIFY EXISTING PAVEMENT STRIPING AND SIGNAGE TO PROVIDE FOR PHASE III TRAFFIC PATTERNS.

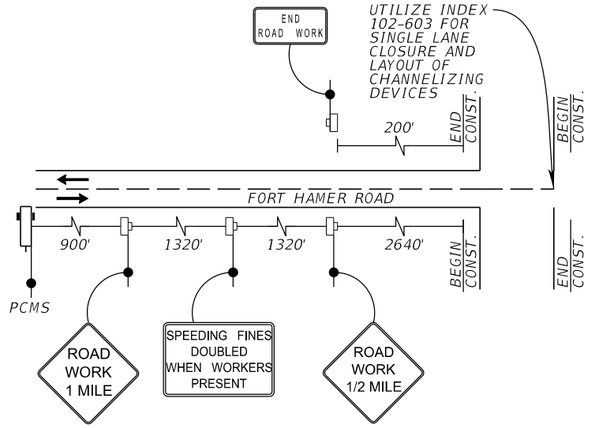
PHASE III

1. ADJUST SIGNALIZATION AT UPPER MANATEE RIVER ROAD AND FORT HAMER ROAD TO ALIGN SIGNAL HEAD ALIGNMENT WITH THE TEMPORARY PHASE III LANE CONFIGURATIONS.
2. SHIFT ALL VEHICLE TRAFFIC AND BIKE TRAFFIC TO THE PHASE III TEMPORARY CONFIGURATIONS AND PEDESTRIAN TRAFFIC TO THE TEMPORARY WALKWAYS AS SHOWN.
3. COMMENCE CONSTRUCTION OF THE PROPOSED DRAINAGE, CURB AND GUTTER, SIDEWALK, ROADWAY PAVEMENT CONSTRUCTION (EXCLUDING FRICTION COURSE), LIGHTING AND SIGNALIZATION WITHIN THE PHASE III WORK AREA. NOTE THAT PORTIONS OF PROPOSED CONSTRUCTION WITH WORK AREAS WILL NEED TO BE DEFERRED UNTIL FUTURE PHASES TO ALLOW FOR TRAFFIC SHIFTS IN PHASE IV.
4. FOLLOWING THE CONSTRUCTION OF THE NORTHBOUND RETAINING WALL, REMOVE THE TEMPORARY WALL.
5. MODIFY EXISTING PAVEMENT STRIPING AND SIGNAGE TO PROVIDE FOR PHASE IV TRAFFIC PATTERNS. PHASE IV WILL INCLUDE THE OPENING OF THE RIVE ISLE RUN AND FORT HAMER ROAD INTERSECTION AS A SINGLE LANE ROUNDABOUT. PCMS SHALL BE IN PLACE ON ALL INTERSECTION APPROACHES A MINIMUM OF 14 DAY PRIOR TO THE INTERSECTION CONVERSION TO THE ROUNDABOUT.

PHASE IV

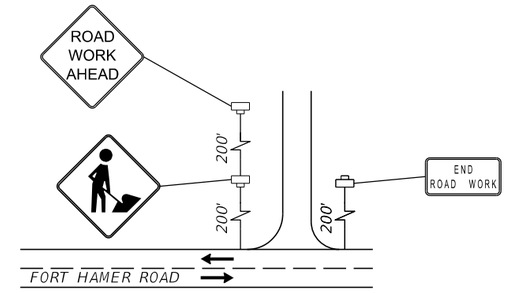
1. SHIFT ALL VEHICULAR, BIKE, AND PEDESTRIAN TRAFFIC TO THE NEWLY CONSTRUCTED NORTHBOUND AND SOUTHBOUND ROADWAYS, PROVIDING A SINGLE LANE NORTHBOUND, A SINGLE LANE SOUTHBOUND NORTH AND THROUGHOUT THE ROUNDABOUT AT RIVE ISLE RUN, AND TWO-LANES SOUTHBOUND SOUTH OF THE ROUNDABOUT INTERSECTION AT RIVE ISLE RUN.
2. CONSTRUCT THE REMAINING PORTIONS OF THE ROUNDABOUT INTERSECTION AND APPROACHES.
3. REMOVE ANY REMAINING TEMPORARY PAVEMENT AND COMPLETE THE CONSTRUCTION OF ANY REMAINING ROADWAY, LIGHTING, SIGNAL, ITS COMPONENTS.
4. MILL ANY REMAINING PORTIONS OF ROADWAY TO BE MILLED, APPLY FRICTION COURSE, PLACE SIGNAGE AND PAVEMENT MARKINGS.
5. OPEN ALL LANES TO TRAFFIC.

ADVANCE SIGNAGE DETAIL



BEGIN/END CONSTRUCTION

FORT HAMER ROAD NB
(FOR SB TRAFFIC USE INVERTED IMAGE)



SIDE STREET DETAIL

UPPER MANATEE RIVER RD.
WINDING STREAM WAY
RIVE ISLE RUN

TABLE 1

CHANNELIZING DEVICE SPACING

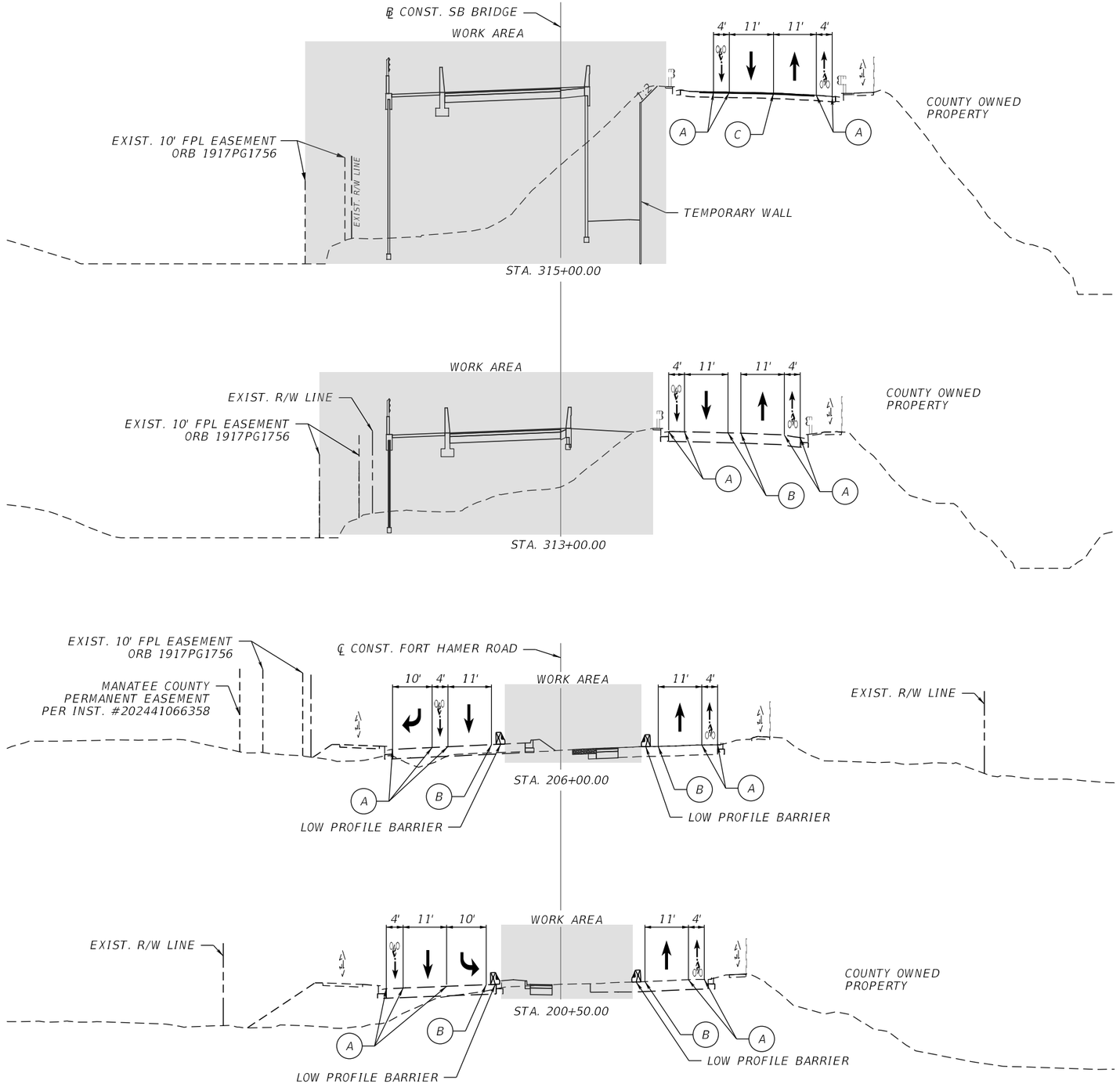
WORK ZONE SPEED (MPH)	MAX SPACING (FEET)			
	CONES OR TEMPORARY TUBULAR MARKERS		TYPE I BARRICADES, TYPE II BARRICADES, VERTICAL PANELS, OR DRUMS	
	TAPER	TANGENT	TAPER	TANGENT
≤ 45	25	50	25	50

FDOT STANDARD PLANS INDEX 102-600 TABLE 1

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TRAFFIC CONTROL GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		181
					FORT HAMER	MANATEE	452856-1-34-01		

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

LEGEND
(A) 6" WHITE
(B) 6" YELLOW
(C) 6" DOUBLE YELLOW



LEGEND
CHANNELIZING DEVICE
LOW PROFILE BARRIER
WORK AREA
PLACE TEMPORARY PAVEMENT
TEMPORARY PAVEMENT PLACED IN A PREVIOUS PHASE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

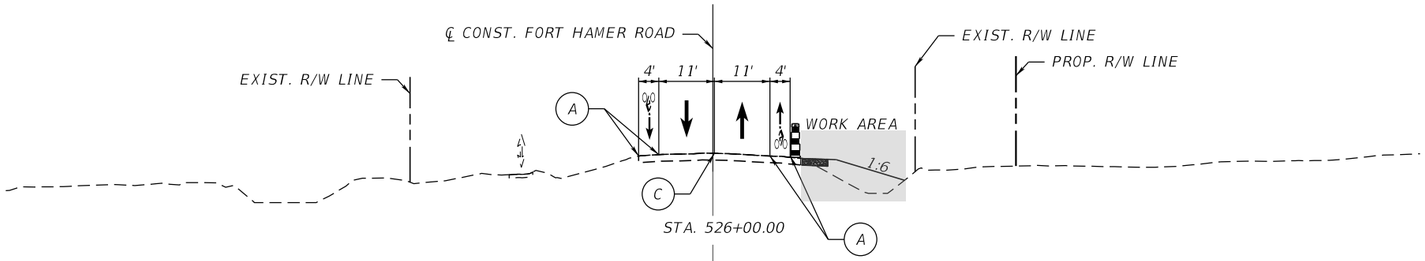
TRAFFIC CONTROL TYPICAL SECTION PHASE 1 (1)

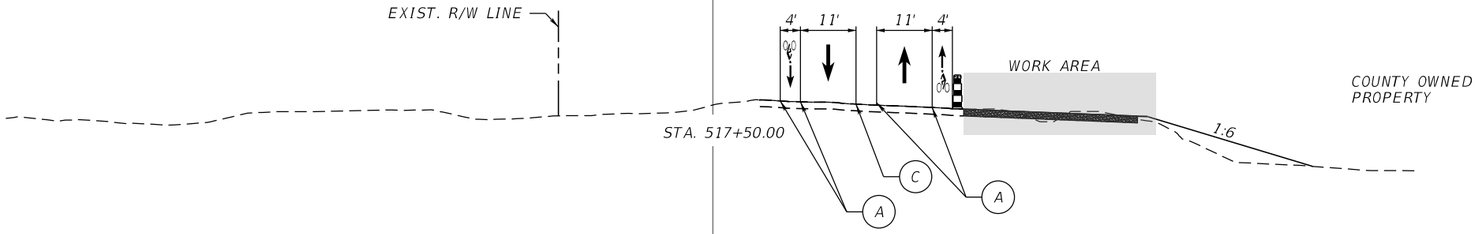
SHEET NO. 182

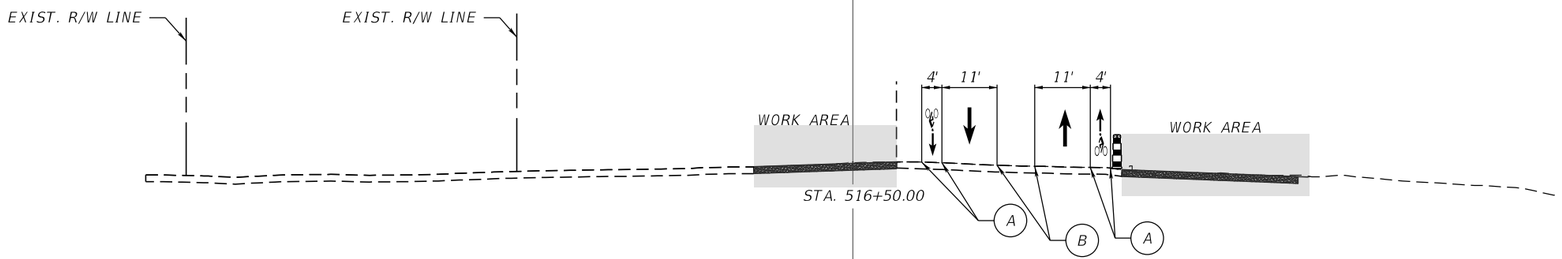
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

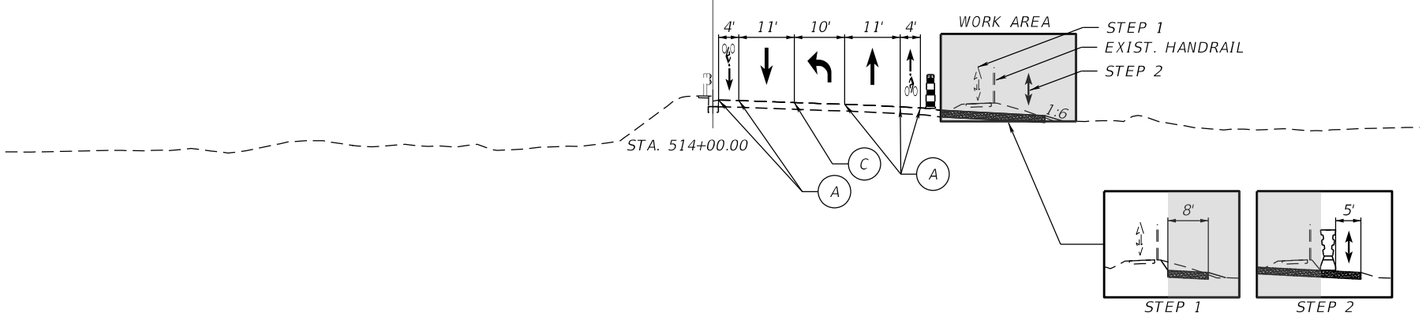
c:\pw\kh1\d0448268\TCDSRD01.dgn : PHASE 1.1 [SHEET]
Diego.Monsalve 9/25/2025 5:41:36 PM

LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW









LEGEND	
	CHANNELIZING DEVICE
	LOW PROFILE BARRIER
	WORK AREA
	PLACE TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN A PREVIOUS PHASE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TRAFFIC CONTROL TYPICAL SECTION PHASE 1 (2)

SHEET NO. 183

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

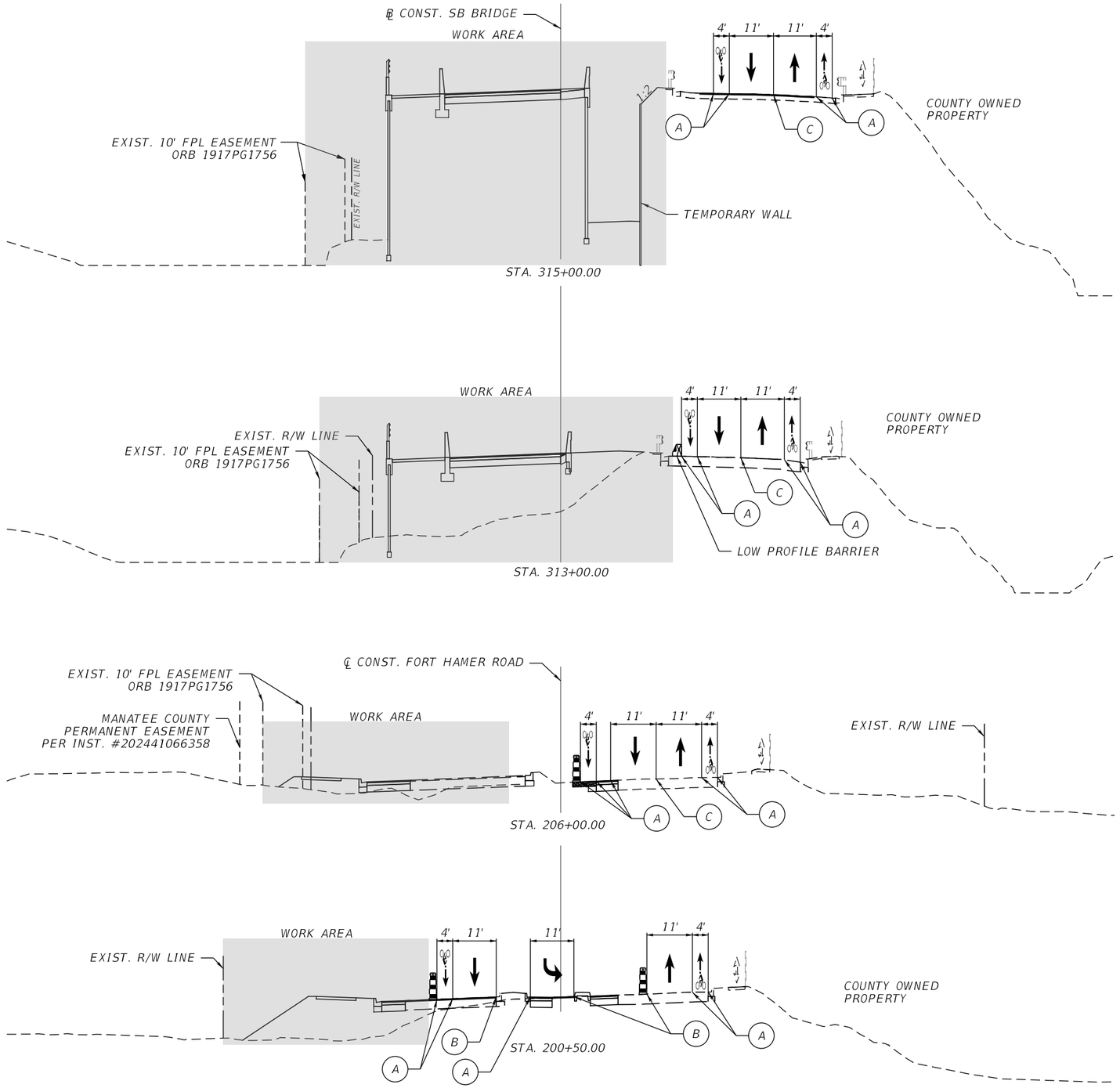
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Diego.Monsalve 9/25/2025 5:41:39 PM

LEGEND

(A) 6" WHITE

(B) 6" YELLOW

(C) 6" DOUBLE YELLOW



LEGEND

- CHANNELIZING DEVICE
- LOW PROFILE BARRIER
- WORK AREA
- PLACE TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN A PREVIOUS PHASE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

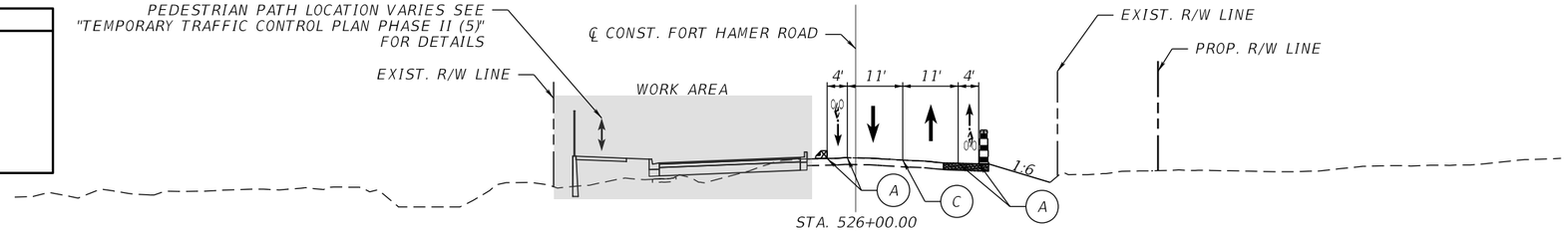
TRAFFIC CONTROL TYPICAL SECTION PHASE 2 (1)

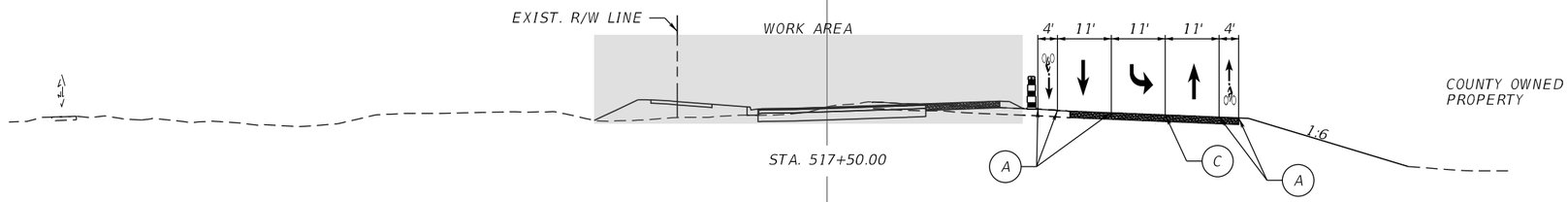
SHEET NO. 184

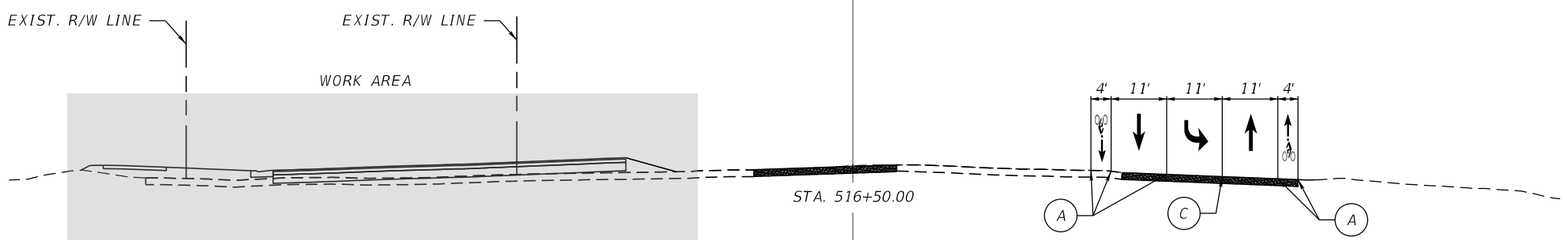
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

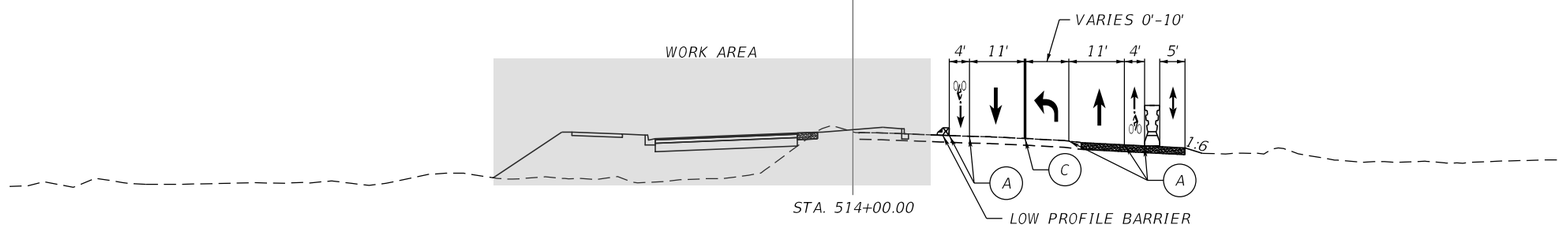
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Diego.Monsalve 9/25/2025 5:41:43 PM

LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW









LEGEND	
	CHANNELIZING DEVICE
	LOW PROFILE BARRIER
	WORK AREA
	PLACE TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN A PREVIOUS PHASE

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

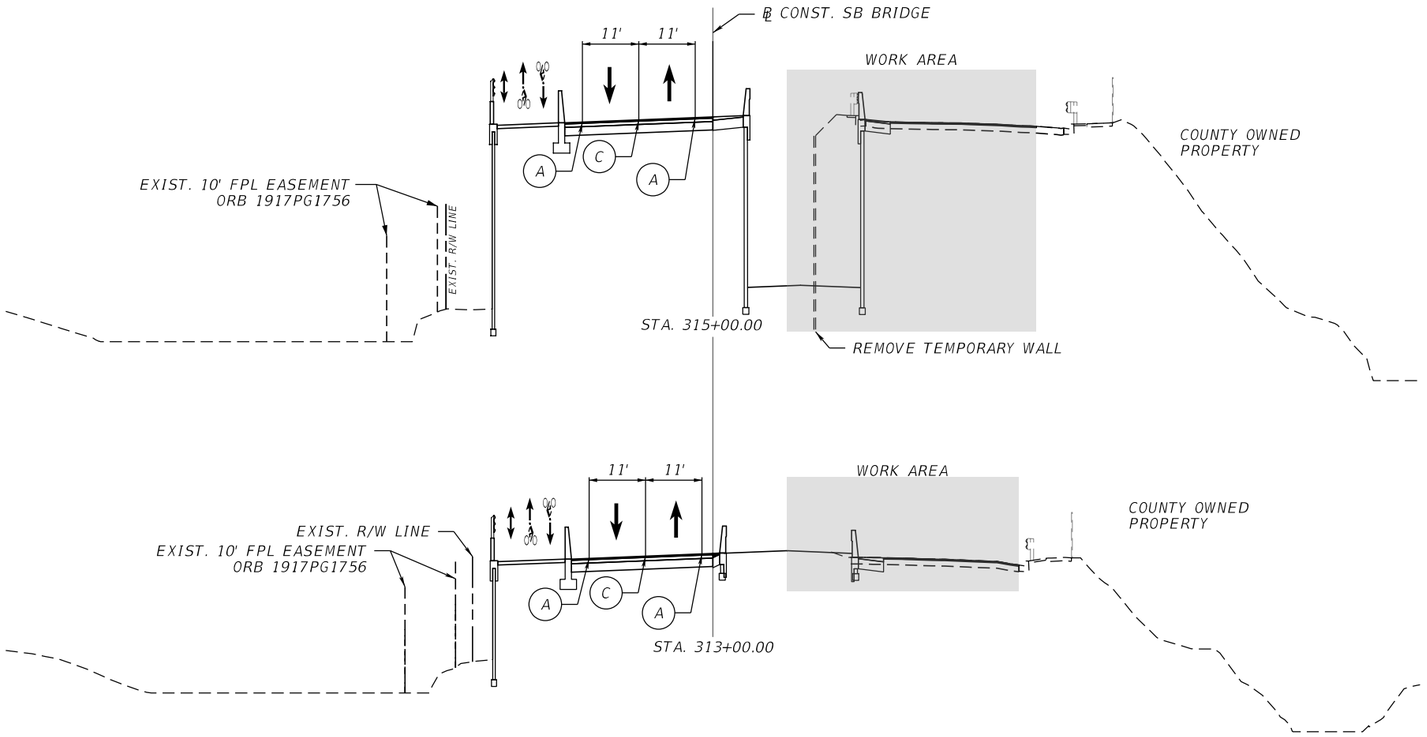
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TRAFFIC CONTROL TYPICAL SECTION PHASE 2 (2)

SHEET NO. 185

c:\pw\kh1\d0448268\TCDSRD01.dgn : PHASE 2.2 [SHEET]
Diego.Monsalve 9/25/2025 5:41:46 PM

LEGEND
(A) 6" WHITE
(B) 6" YELLOW
(C) 6" DOUBLE YELLOW



LEGEND
CHANNELIZING DEVICE
LOW PROFILE BARRIER
WORK AREA
PLACE TEMPORARY PAVEMENT
TEMPORARY PAVEMENT PLACED IN A PREVIOUS PHASE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

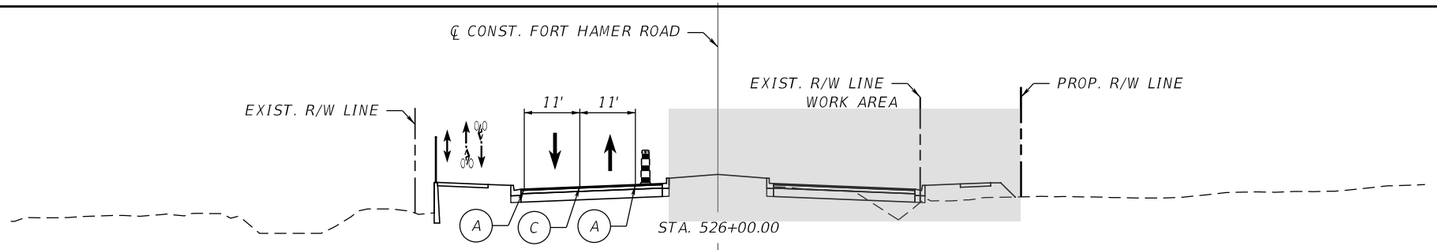
TRAFFIC CONTROL TYPICAL SECTION PHASE 3 (1)

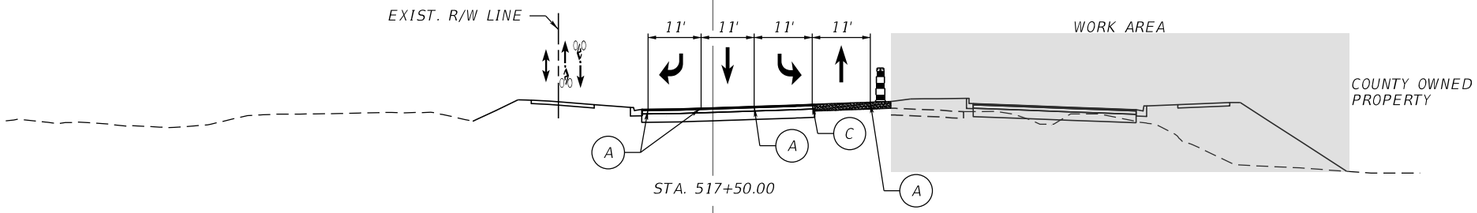
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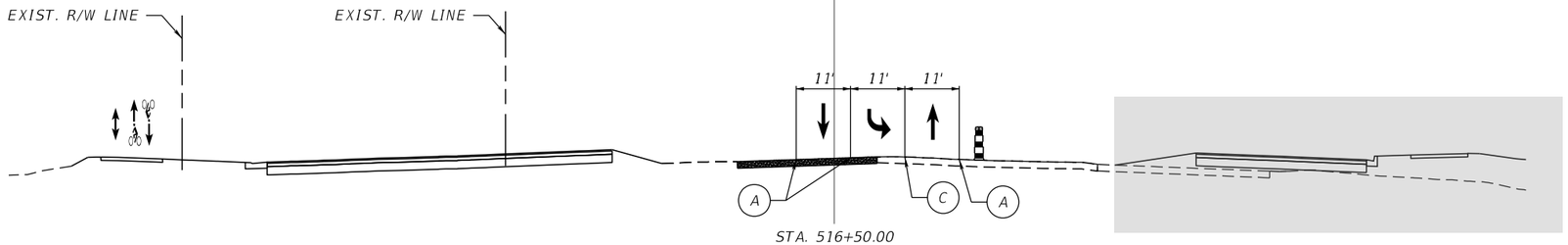
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

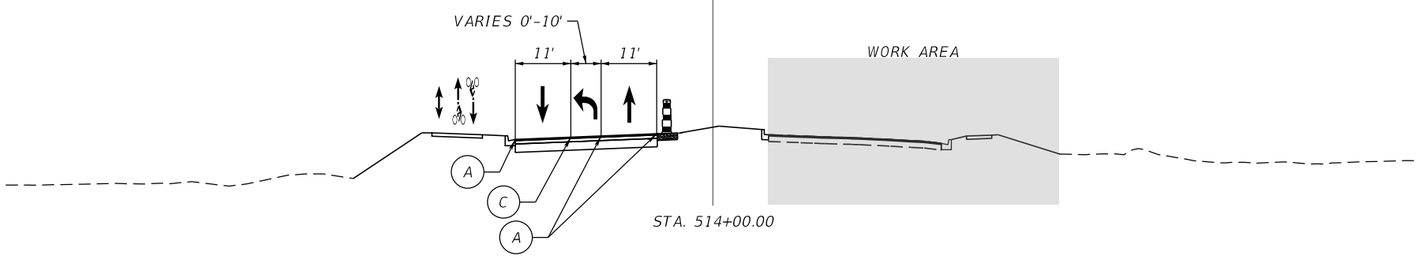
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Diego.Monsalve 9/25/2025 5:41:49 PM

LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW









LEGEND	
	CHANNELIZING DEVICE
	LOW PROFILE BARRIER
	WORK AREA
	PLACE TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN A PREVIOUS PHASE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

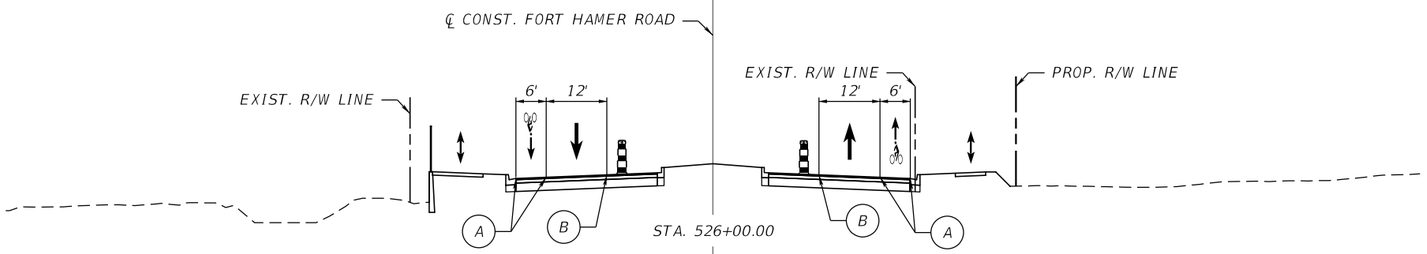
TRAFFIC CONTROL TYPICAL SECTION PHASE 3 (2)

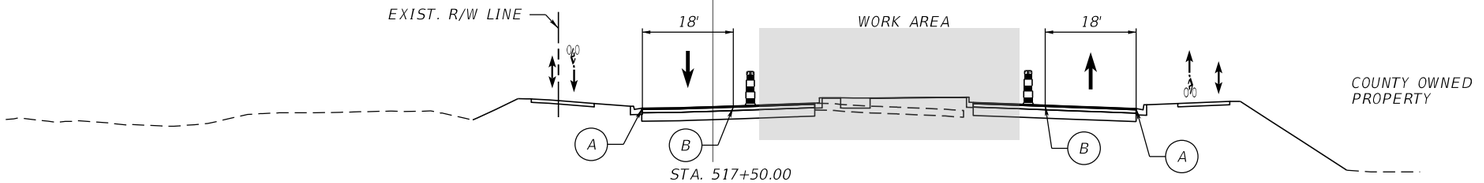
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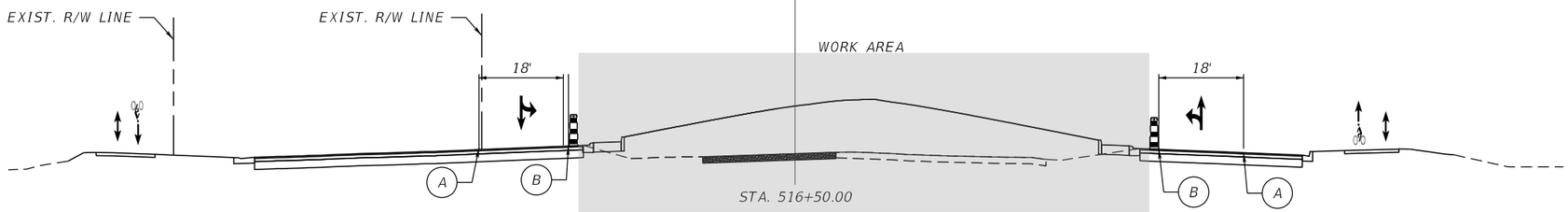
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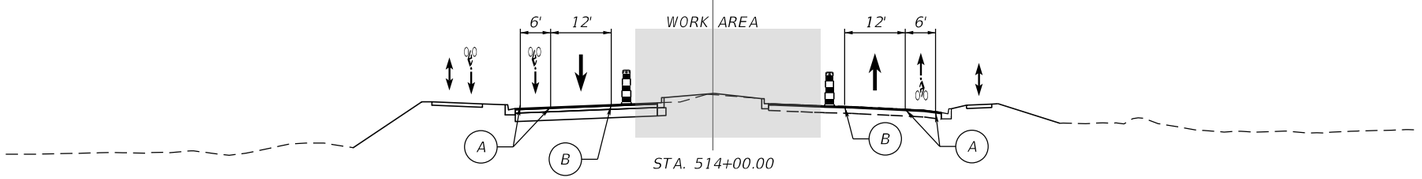
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Diego.Monsalve 9/25/2025 5:41:52 PM

LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW









LEGEND	
	CHANNELIZING DEVICE
	LOW PROFILE BARRIER
	WORK AREA
	PLACE TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN A PREVIOUS PHASE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

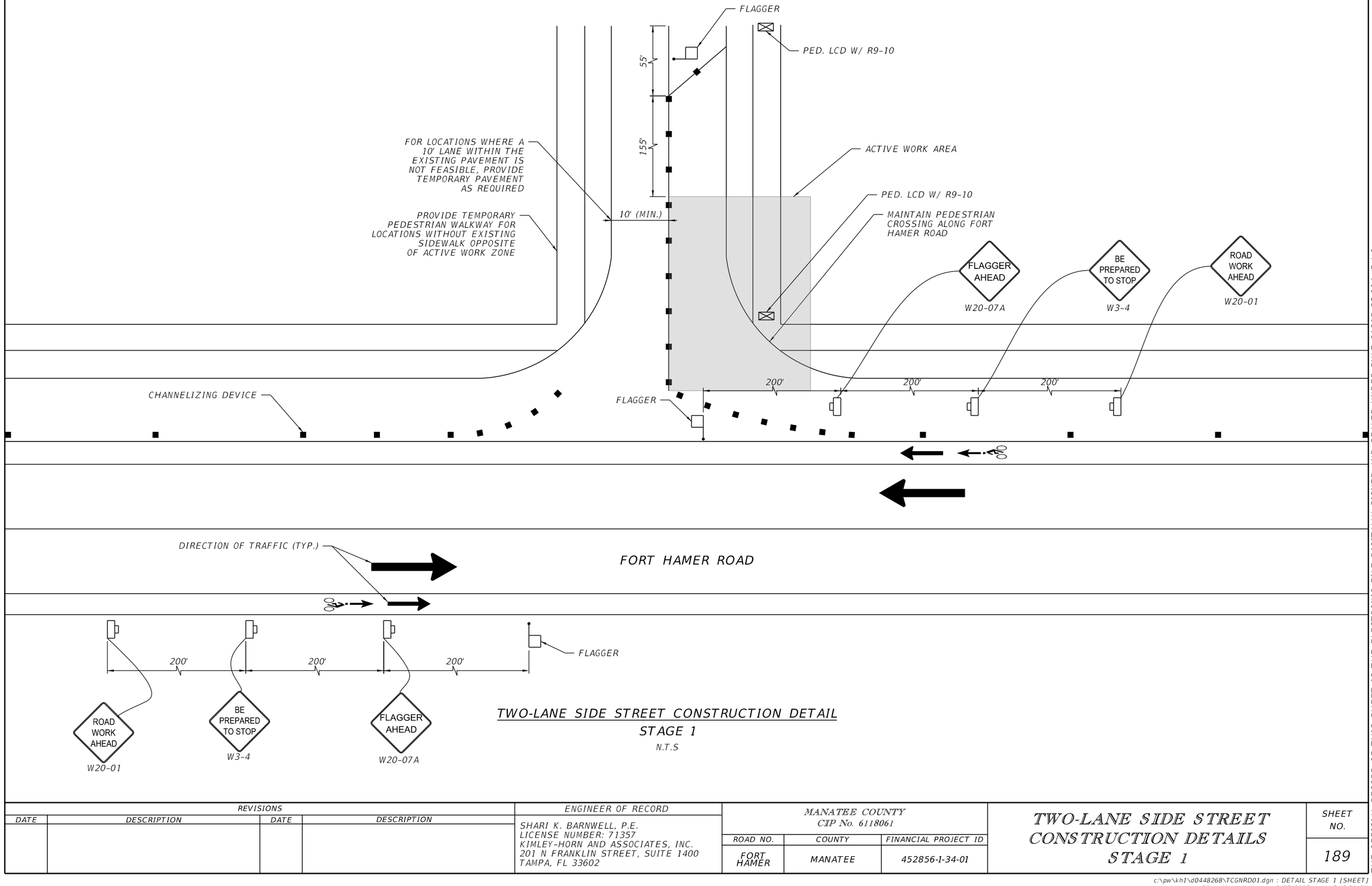
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TRAFFIC CONTROL TYPICAL SECTION PHASE 4

SHEET NO. 188

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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Diego.Monsalve 9/25/2025 5:41:55 PM



TWO-LANE SIDE STREET CONSTRUCTION DETAIL
STAGE 1

N.T.S

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

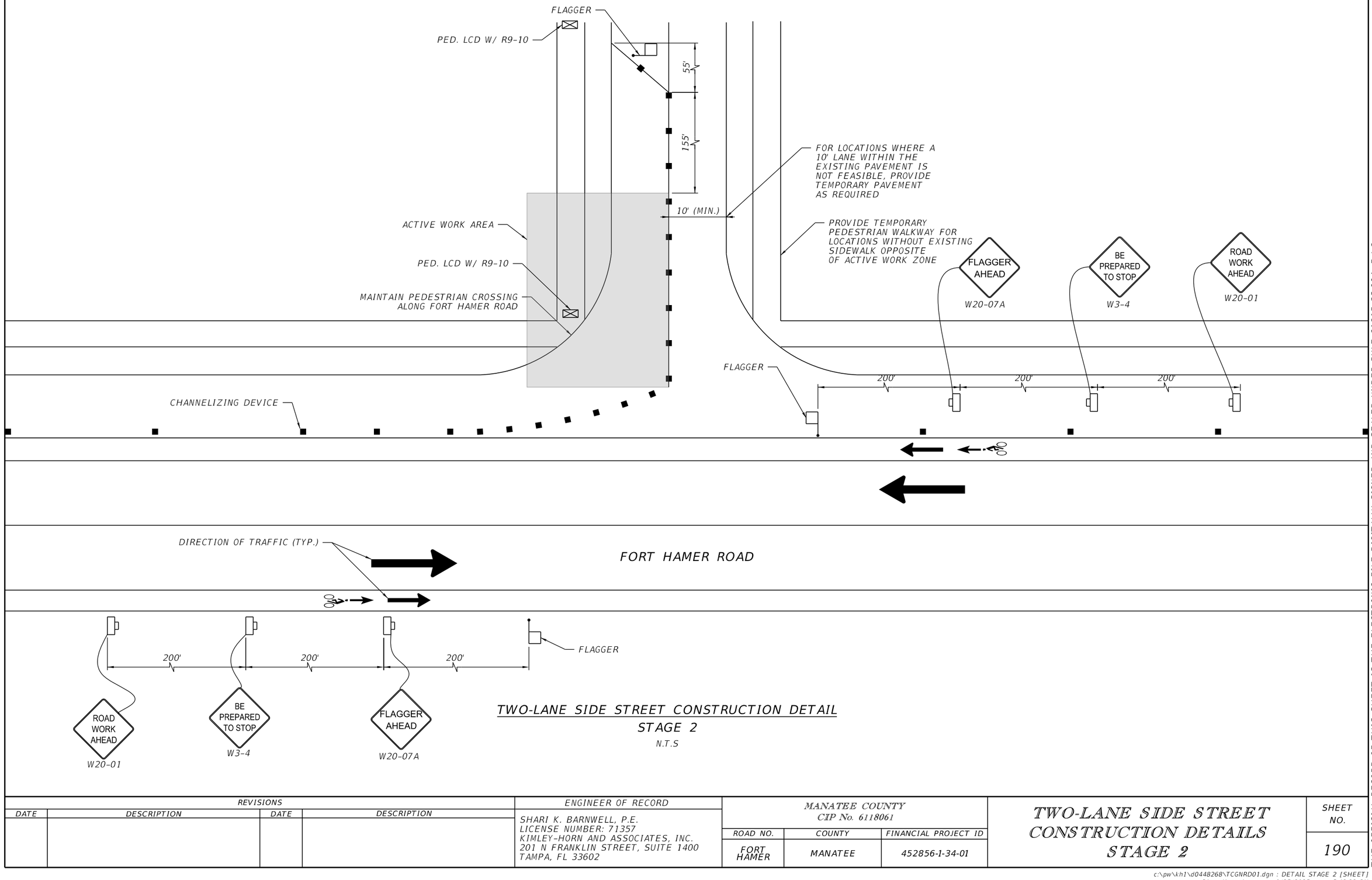
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TWO-LANE SIDE STREET CONSTRUCTION DETAILS STAGE 1

SHEET NO. 189

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

c:\pw\kh1\d0448268\TCGNRD01.dgn : DETAIL STAGE 1 [SHEET]
Diego.Monsalve 9/25/2025 5:42:21 PM



TWO-LANE SIDE STREET CONSTRUCTION DETAIL
STAGE 2

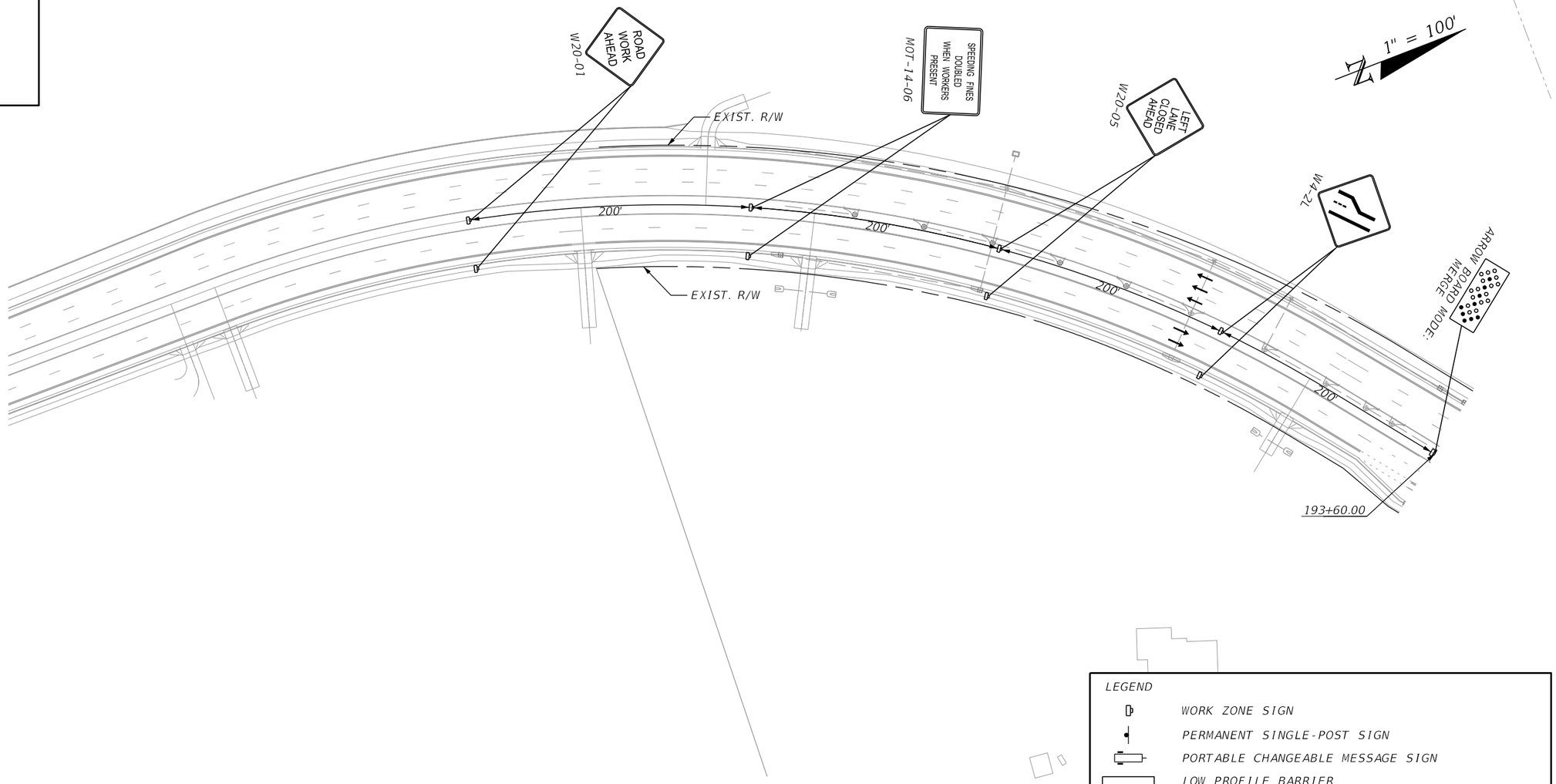
N.T.S

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			TWO-LANE SIDE STREET CONSTRUCTION DETAILS STAGE 2	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		190
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0448268\TCGNRD01.dgn : DETAIL STAGE 2 [SHEET]
Diego.Monsalve 9/25/2025 5:42:22 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW



LEGEND

- WORK ZONE SIGN
- PERMANENT SINGLE-POST SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN
- LOW PROFILE BARRIER
- CHANNELIZING DEVICE (SEE INDEX 600)
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
- WORK AREA
- ARROW BOARD
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN PATH
- EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE I (1)

SHEET NO. 191

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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Diego.Monsalve 9/25/2025 5:43:59 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

WINDING STREAM WAY

EXIST. 10' FPL EASEMENT
ORB 1917PG1756
MANATEE COUNTY
PERMANENT EASEMENT
PER INST #202441066358

EXIST. R/W

TEMP. SIGNAL HEAD (TYP.)

℄ CONST. FORT HAMER ROAD

FORT HAMER ROAD

12" WHITE

24" WHITE

6" WHITE (2'-4')

TEMPORARY CONSTRUCTION EASEMENT

+45.01 19.78' LT.
+24.60 4.40' LT.
+11.26 20.75' LT.
+00.59
+60.00
+59.51
+46.92 16.20' LT.
+63.57 3.14' RT.
+18.23 3.50' RT.
+74.46
+18.04 7.50' RT.
+63.55 7.14' RT.
+86.28 8.06' RT.
+97.85 8.08' RT.
+99.58 7.55' RT.
+70.44 87.02' RT.
+68.83 6.34' LT.
+60.68 7.34' LT.
+56.11
+50.87 1.62' LT.
+80.06 7.86' LT.
+69.68 9.00' LT.
+20.55 9.00' LT.
+56.09
+04.66 5.06' RT.
+13.96 6.82' RT.
+22.64 7.22' RT.
+16.31
+51.69
+22.56 9.00' RT.
+01.41 9.00' RT.
+94.19 7.89' RT.
+70.91 0.41' RT.
+67.72 9.00' RT.
+61.27 9.00' RT.
+78.94 0.00' RT.

R 106'
R 2
R 599'
R 617'
R6-1R ONE WAY

194 195 196 197 198 199 200 201 202 203 204 205 206 207

POND 1B

UPPER MANATEE RIVER ROAD

EXIST. POND SOUTH

EXIST. R/W

NOTE: TRAFFIC SIGNAL HEADS WILL REQUIRE ADJUSTMENT TO ALIGN WITH CENTER OF TRAFFIC LANE

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE I (2)

SHEET NO. 192

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

c:\pw\kh1\d0448268\TCDSRD00.dgn : 1.1 PHASE 1A - SHEET
Diego.Monsalve 9/25/2025 5:44:00 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. R/W

EXIST. 10' FPL EASEMENT
ORB 1917PG1756

℄ CONST. SOUTHBOUND
BRIDGE PGL (LT)

W6-1
B/O

EXIST. R/W

+67.75

+57.92

CONSTRUCT TEMPORARY WALL
STA. 313+75.00 TO 315+30.00, 20' RT

+75.06

EXIST. R/W

℄ CONST. FORT HAMER ROAD

W6-2
B/O

200' SUBMERGED
LAND EASEMENT

℄ CONST. NORTHBOUND
BRIDGE PGL (RT)

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE I (3)

SHEET NO.
193

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. R/W
℄ CONST. RIVE ISLE RUN
RIVE ISLE RUN
POND 8B
℄ CONST. BOAT RAMP DRIVE
EXIST. R/W
PROP. R/W
613+29.97
16.51' RT.
EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT
EXIST. 20' LANDSCAPE BUFFER EASEMENT
EXIST. R/W
613+94.35
+61.75
50.16' RT.
613+94.39
+15.95
40.71' LT.
+51.36
12" WHITE
+81.20
1.05' RT.
+70.02
+28.87
78.38' RT.
18" YELLOW
613+62.91
6" WHITE (6'-10')
+85.13
70.85' LT.
+76.66
33.21' LT.
+60.61
9.47' RT.
+00.39
10.01' RT.
+99.97
27.29' RT.
+43.24
57.84' RT.
+96.31
EXIST. POND 3A
EXIST. POND 2A
℄ CONST. SOUTHBOUND BRIDGE PGL (LT)
℄ CONST. NORTHBOUND BRIDGE PGL (RT)
+60.00
+92.67
+48.06
+50.49
50.28' RT.
+98.12
18" YELLOW
R 1073.00
R 60'
R 40'
R 50'
R 1076'
W1-2L
+61.30
47.56' RT.
+98.30
64.76' RT.
+69.39
6" WHITE (2'-4')
+62.94
82.04' RT.
+58.98
88.62' RT.
+94.86
96.03' RT.
+79.27
131.23' RT.
+75.70
+11.77
+43.86
88.05' RT.
+13.79
116.72' RT.
W6-3
POND 2B
POND 2A
+07.08
49.81' RT.
+06.75
54.78' RT.
℄ CONST. HIDDEN HARBOR PARK

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE I (4)

SHEET NO. 194

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

c:\pw\kh1\d0448268\TCDSRD00.dgn : 1.3 PHASE 1A - SHEET
Diego.Monsalve 9/25/2025 5:44:06 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. 20' LANDSCAPE BUFFER EASEMENT

EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT

TEMPORARY CONSTRUCTION EASEMENT

+84.39
16.48' RT.

PROPOSED MANATEE COUNTY DRAINAGE EASEMENT

EXIST. 20' LANDSCAPE BUFFER

EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT

EXIST. 20' LANDSCAPE BUFFER

EXIST. R/W

523 524 525 526 527 528 529 530 531 532 533 534 535 536 537

+43.82
16.18' RT.

EXIST. R/W

℄ CONST. FORT HAMER ROAD

PROP. R/W

EXIST. 20' MANATEE COUNTY UTILITY EASEMENT

+00.00
22.33' RT.

EXIST. 27' UTILITY EASEMENT

POND 2A

+03.85
22.33' RT.

+50.31
23.67' RT.

EXIST. ACCESS EASEMENT

EXIST. 20' ELECTRIC UTILITY EASEMENT

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE I (5)

SHEET NO. 195

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

c:\pw\kh1\d0448268\TCDSRD00.dgn : 1.4 PHASE 1A - SHEET
Diego.Monsalve 9/25/2025 5:44:08 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. 20' LANDSCAPE BUFFER

EXIST. R/W

EXIST. 20' LANDSCAPE BUFFER

EXIST. R/W

A

C

+59.32
16.66' LT.

538 539 540 541 542 543 544

OHU

+66.81
16.14' RT.

+76.77

PROP. R/W

EXIST. R/W

℄ CONST. FORT HAMER ROAD

EXIST. R/W

LEGEND

- WORK ZONE SIGN
- PERMANENT SINGLE-POST SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN
- LOW PROFILE BARRIER
- CHANNELIZING DEVICE (SEE INDEX 600)
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
- WORK AREA
- ARROW BOARD
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN PATH
- EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

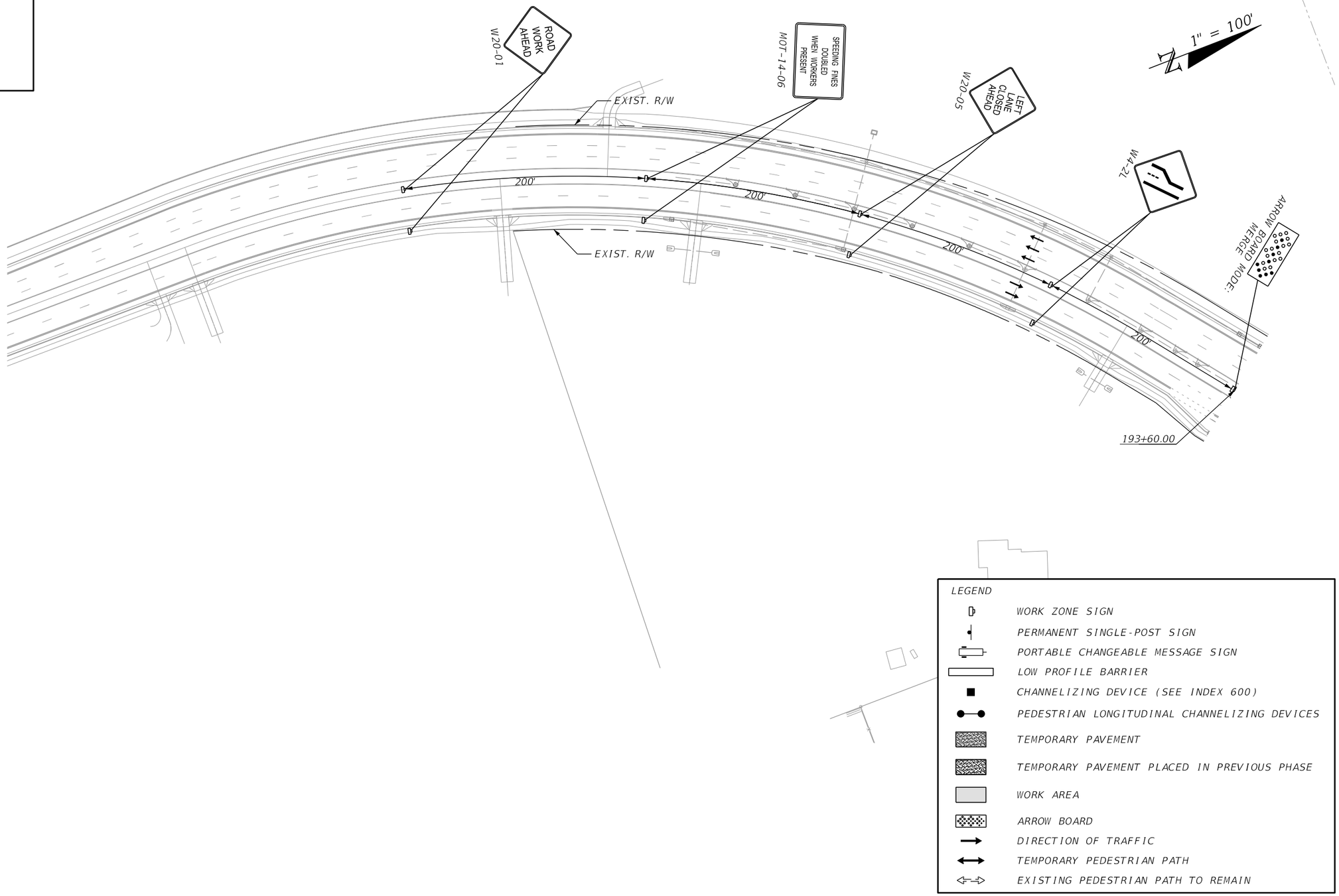
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE I (6)

SHEET NO. 196

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

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW



LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE II (1)

SHEET NO. 197

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

c:\pw\kh1\d0448268\TCDSRD00.dgn : 2.0 PHASE 2A - SHEET
Diego.Monsalve 9/25/2025 5:44:11 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

WINDING STREAM WAY

EXIST. R/W

℄ CONST. FORT HAMER ROAD

TEMP SIGNAL POLES AND SPAN WIRE

FORT HAMER ROAD

194 195 196 197 198 199 200 201 202 203 204 205 206 207 208

6" WHITE (3'-9')

+50.00

24" WHITE

+00.63

TEMP. SIGNAL HEAD (TYP.)

+67.47

POND 1B

+55.30

12" WHITE

24" WHITE

+45.60

+84.89

EXIST. R/W

+19.23

+21.22

18" WHITE

+50.92

12" WHITE

6" WHITE (2'-4')

12" WHITE

EXIST. POND SOUTH

UPPER MANATEE RIVER ROAD

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. 10' FPL EASEMENT ORB 1917PG1756

MANATEE COUNTY PERMANENT EASEMENT PER INST #202441066358

+20.59

TEMPORARY CONSTRUCTION EASEMENT

+99.80

+84.43

6" WHITE (3'-9')

+24.72

+22.64

+97.79

W1-4R B/O

R6-1R

ONE WAY

NOTE: TRAFFIC SIGNAL HEADS WILL REQUIRE ADJUSTMENT TO ALIGN WITH CENTER OF TRAFFIC LANE

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE II (2)

SHEET NO. 198

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

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. 10' FPL EASEMENT ORB 1917PG1756

EXIST. R/W

℄ CONST. SOUTHBOUND BRIDGE PGL (LT)

EXIST. R/W

209 210 310 311 411 412 312 313 413 414 314 315 415 416 316 317 417 418 318 319 419 420 320 321 421 422 322 323 423

+64.14

EXIST. R/W

℄ CONST. FORT HAMER ROAD

+58.57

+28.19

+49.10

+99.77

TEMPORARY WALL

+48.65

℄ CONST. NORTHBOUND BRIDGE PGL (RT)

200' SUBMERGED LAND EASEMENT

200' SUBMERGED LAND EASEMENT

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE II (3)

SHEET NO. 199

c:\pw\kh1\d0448268\TCDSRD00.dgn : 2.2 PHASE 2A – SHEET
Diego.Monsalve 9/25/2025 5:44:16 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. R/W
℄ CONST. BOAT RAMP DRIVE
EXIST. R/W
℄ CONST. SOUTHBOUND BRIDGE PGL (LT)
EXIST. POND 3A
EXIST. POND 2A
℄ CONST. NORTHBOUND BRIDGE PGL (RT)
℄ CONST. FORT HAMER ROAD
POND 2B
W1-4R B/O
R3-17
AHEAD
W11-2
POND 8B
611+85.22
12" WHITE
6" WHITE (2'-4")
24" WHITE
612+85.96
613+39.24
613+11.70
+05.49
+69.18
23.13' LT.
+64.94
27.94' LT.
+61.99
3.00' RT.
+95.85
17.97' LT.
+92.16
11.00' LT.
+99.76
11.00' LT.
+32.54
7.06' LT.
+18.02
1.68' RT.
+95.43
+70.98
+73.46
+58.98
+93.86
+95.60
+26.46
℄ CONST. HIDDEN HARBOR PARK
RIVE ISLE RUN
℄ CONST. RIVE ISLE RUN
PROP. R/W
12" WHITE
612+40.05
+18.28
7.00' RT.
+25.35
6.38' RT.
EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT
TEMP. PED. PATH DURING PHASE II STEP 1 (SEE NEXT SHEET)
EXIST. 20' LANDSCAPE BUFFER EASEMENT
EXIST. R/W
REMOVE EXISTING CONCRETE
POND 2A
+84.85
26.40' RT.
+17.34
31.16' RT.
+22.86
4.44' RT.
+63.29
+95.56
+46.41
18" YELLOW
R 775'
R 595'
R 966'
R 100'
R 78'
R 600'

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

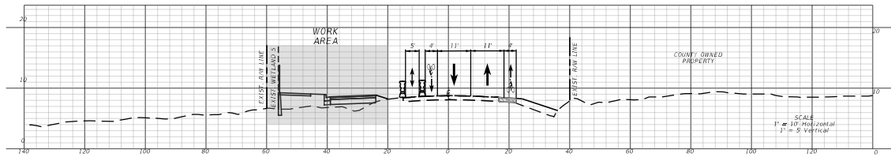
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE II (4)

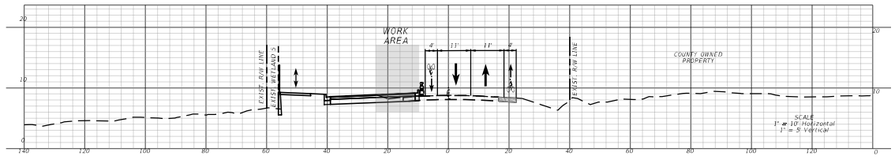
SHEET NO. 200

STRIPING LEGEND

- (A) 6" WHITE
- (B) 6" YELLOW
- (C) 6" DOUBLE YELLOW
- (D) PAINTED ARROW

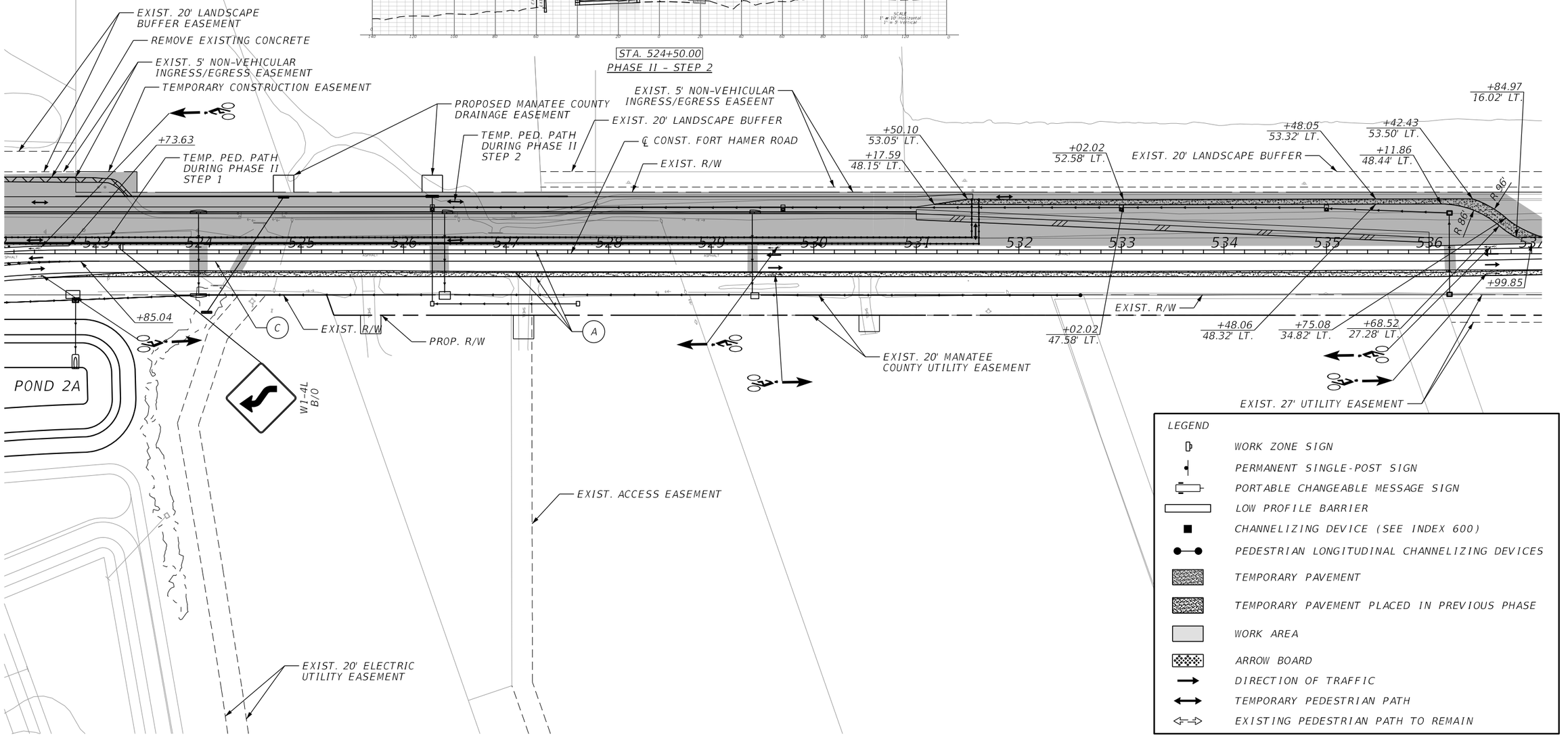


STA. 524+50.00
PHASE II – STEP 1



STA. 524+50.00
PHASE II – STEP 2

1"=100'



LEGEND

- WORK ZONE SIGN
- PERMANENT SINGLE-POST SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN
- LOW PROFILE BARRIER
- CHANNELIZING DEVICE (SEE INDEX 600)
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
- WORK AREA
- ARROW BOARD
- DIRECTION OF TRAFFIC
- TEMPORARY PEDESTRIAN PATH
- EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE II (5)

SHEET NO. 201

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c:\pw\kh1\d0448268\TCDSRD00.dgn : 2.4 PHASE 2A – SHEET
Diego.Monsalve 9/25/2025 5:44:21 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. R/W

EXIST. 20' LANDSCAPE BUFFER

EXIST. 20' LANDSCAPE BUFFER

EXIST. R/W

+10.80
16.06' LT.

A

C

+74.89

538

539

540

541

℄ CONST. FORT HAMER ROAD

EXIST. R/W

PROP. R/W

EXIST. R/W

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

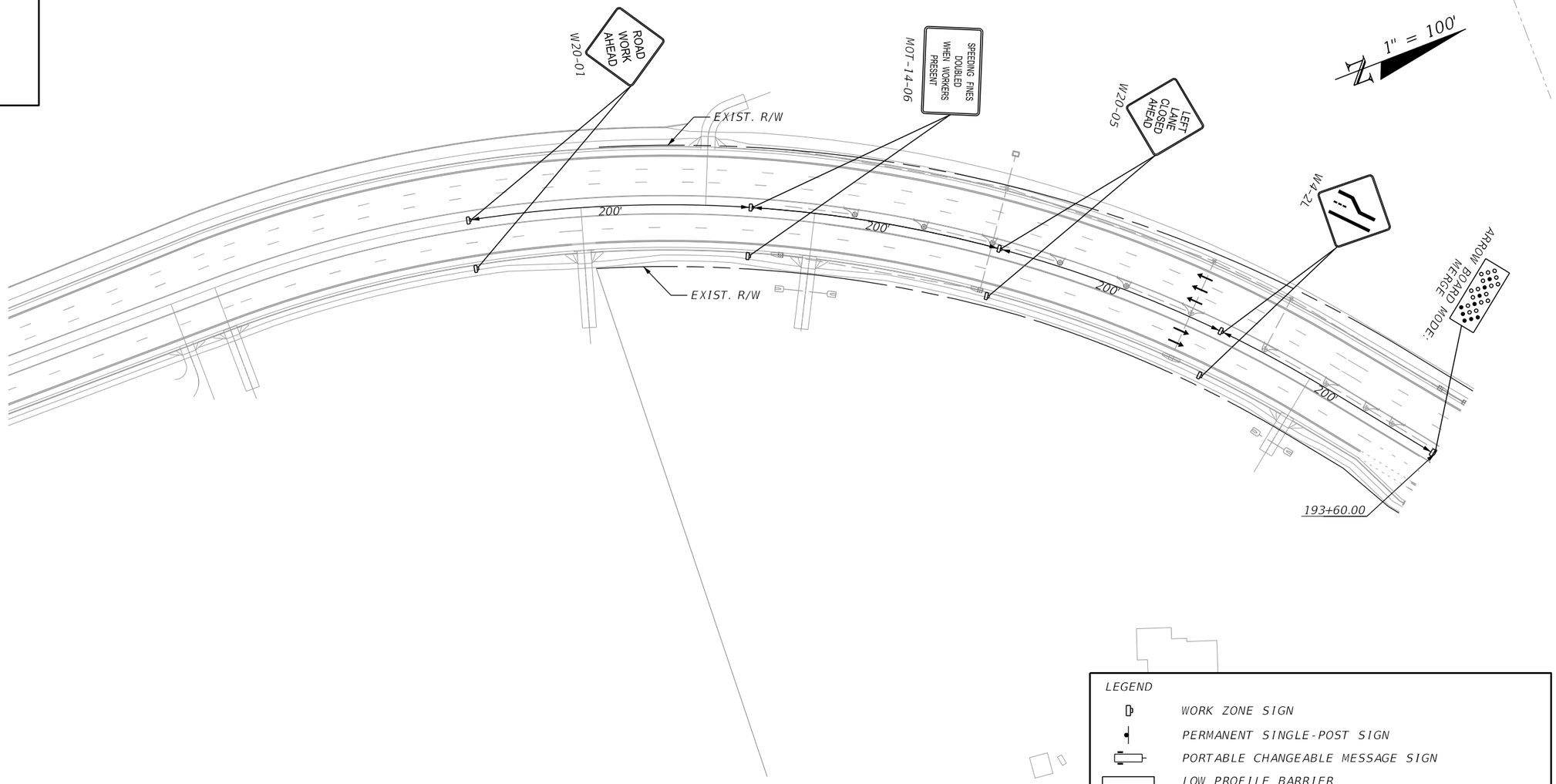
TEMPORARY TRAFFIC CONTROL PLANS PHASE II (6)

SHEET NO.

202

c:\pw\kh1\d0448268\TCDSRD00.dgn : 2.5 PHASE 2A - SHEET
Diego.Monsalve 9/25/2025 5:44:23 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW



LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE III (1)

SHEET NO. 203

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

c:\pw\kh1\d0448268\TCDSRD00.dgn : 3.0 PHASE 3A - SHEET
Diego.Monsalve 9/25/2025 5:44:24 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

WINDING STREAM WAY

EXIST. 10' FPL EASEMENT
ORB 1917PG1756

MANATEE COUNTY
PERMANENT EASEMENT
PER INST #202441066358

6" WHITE (3'-9")

+15.00

+50.08

TEMPORARY CONSTRUCTION EASEMENT

6" WHITE (3'-9")

+60.61

+73.17

+54.96

EXIST. R/W

+77.67

+70.07

+44.52

12" WHITE

24" WHITE

+74.71

TEMP. SIGNAL HEAD (TYP.)

TEMP SIGNAL POLES
AND SPAN WIRE

DETOUR
M4-9CR

EXIST. R/W

℄ CONST. FORT HAMER ROAD

EXIST. R/W

24" WHITE

6" WHITE (3'-9")

FORT HAMER ROAD

194 195 196 197 198 199 200 201 202 203 204 205 206 207 208

+08.93

+50.00

W1-4L
B/O

POND 1B

+10.13

6" WHITE
(2'-4")

+67.47

12" WHITE

+20.70

12" WHITE

+86.76

+73.31

18" WHITE

+64.37

+21.94

6" WHITE (3'-9")

R6-1R
ONE WAY

18" YELLOW

EXIST. POND
SOUTH

R9-11L
SIDEWALK CLOSED
AHEAD
CROSS HERE

M4-9CL
DETOUR

UPPER MANATEE
RIVER ROAD

EXIST. R/W

EXIST. R/W

EXIST. R/W

EXIST. R/W

NOTE: TRAFFIC SIGNAL HEADS WILL REQUIRE
ADJUSTMENT TO ALIGN WITH CENTER OF TRAFFIC LANE

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE III (2)

SHEET NO.

204

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

c:\pw\kh1\d0448268\TCDSRD00.dgn : 3.1 PHASE 3A - SHEET
Diego.Monsalve 9/25/2025 5:44:27 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. 10' FPL EASEMENT ORB 1917PG1756

EXIST. R/W

℄ CONST. SOUTHBOUND BRIDGE PGL (LT)

EXIST. R/W

TEMPORARY WALL TO BE REMOVED

MESSAGE 1
TRAFFIC CHANGE XX DAYS

MESSAGE 2
NEW ROUND-ABOUT

EXIST. R/W

℄ CONST. FORT HAMER ROAD

℄ CONST. NORTHBOUND BRIDGE PGL (RT)

200' SUBMERGED LAND EASEMENT

200' SUBMERGED LAND EASEMENT

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE III (3)

SHEET NO. 205

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

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. R/W

℄ CONST. BOAT RAMP DRIVE

EXIST. R/W

EXIST. POND 3A

EXIST. POND 2A

℄ CONST. FORT HAMER ROAD

℄ CONST. SOUTHBOUND BRIDGE PGL (LT)

℄ CONST. NORTHBOUND BRIDGE PGL (RT)

POND 2B

W1-4R B/O

611+54.29

611+90.33

612+09.74

613+03.24

POND 8B

RIVE ISLE RUN

PROP. R/W

612+32.28

℄ CONST. RIVE ISLE RUN

613+39.89

W11-2

EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT

EXIST. 20' LAND BUFFER EASEMENT

EXIST. R/W

613+41.07

+59.03

+22.25

+82.67

+36.41

+38.92

+07.01

6" WHITE (2'-4')

24" WHITE

711+71.52

℄ CONST. HIDDEN HARBOR PARK

+90.38

+75.15

+46.28

12" WHITE

W11-2

POND 2A

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE III (4)

SHEET NO. 206

c:\pw\kh1\d0448268\TCDSRD00.dgn : 3.3 PHASE 3A - SHEET
Diego.Monsalve 9/25/2025 5:44:31 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. 20' LANDSCAPE BUFFER EASEMENT

EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT

TEMPORARY CONSTRUCTION EASEMENT

PROPOSED MANATEE COUNTY DRAINAGE EASEMENT

EXIST. 20' LANDSCAPE BUFFER

MESSAGE 1: TRAFFIC CHANGE XX DAYS

MESSAGE 2: NEW ROUND-ABOUT

A

C

EXIST. R/W

EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT

EXIST. 20' LANDSCAPE BUFFER

523 524 525 526 527 528 529 530 531 532 533 534 535 536

EXIST. R/W

℄ CONST. FORT HAMER ROAD

PROP. R/W

EXIST. 20' MANATEE COUNTY UTILITY EASEMENT

POND 2A

W1-4L B/O

AHEAD W16-9P

W11-1

DETOUR M4-9GR

+92.88

12" WHITE

W11-1

+83.99

EXIST. 27' UTILITY EASEMENT

+91.89

24" WHITE

W11-1

EXIST. ACCESS EASEMENT

EXIST. 20' ELECTRIC UTILITY EASEMENT

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

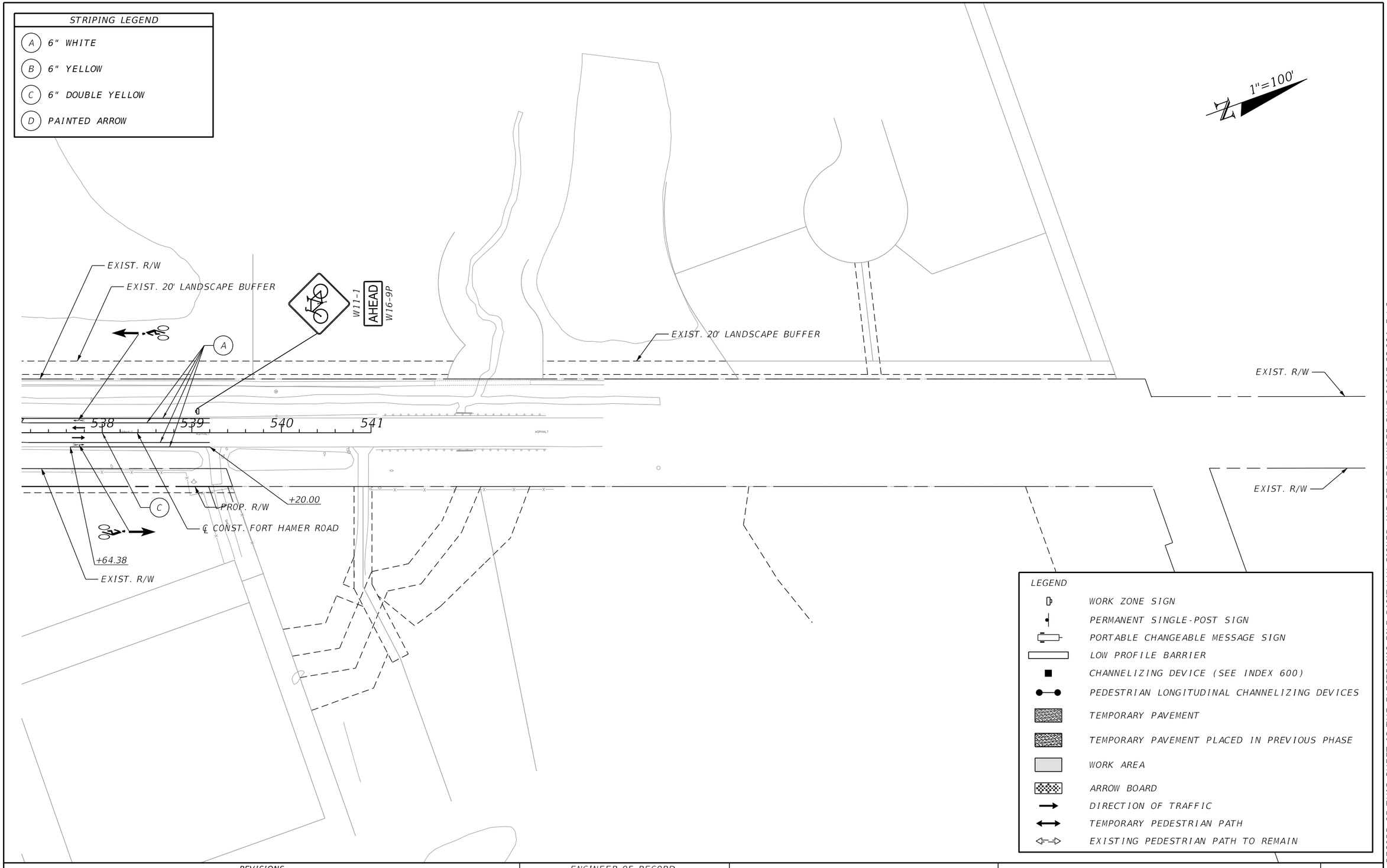
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE III (5)

SHEET NO. 207

c:\pw\kh1\d0448268\TCDSRD00.dgn : 3.4 PHASE 3A - SHEET
Diego.Monsalve 9/25/2025 5:44:33 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE III (6)

SHEET NO.
208

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

c:\pw\kh1\d0448268\TCDSRD00.dgn : 3.5 PHASE 3A - SHEET
Diego.Monsalve 9/25/2025 5:44:34 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. 10' FPL EASEMENT
ORB 1917PG1756

℄ CONST. SOUTHBOUND
BRIDGE PGL (LT)

EXIST. R/W

EXIST. R/W

6" WHITE (10'-30')

EXIST. R/W

℄ CONST. FORT HAMER ROAD

MESSAGE 1
NEW TRAFFIC PATTERN

MESSAGE 2
ROUND-ABOUT AHEAD

EXIST. R/W

℄ CONST. NORTHBOUND
BRIDGE PGL (RT)

200' SUBMERGED
LAND EASEMENT

200' SUBMERGED
LAND EASEMENT

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE IV (1)

SHEET NO.
209

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

c:\pw\kh1\d0448268\TCDSRD00.dgn : 4.1 PHASE 4A - SHEET
Diego.Monsalve 9/25/2025 5:44:37 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. R/W
℄ CONST. BOAT RAMP DRIVE
EXIST. R/W
℄ CONST. RIVE ISLE RUN
RIVE ISLE RUN
PROP. R/W
EXIST. R/W
EXIST. 20' LANDSCAPE BUFFER EASEMENT
EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT
℄ CONST. SOUTHBOUND BRIDGE PGL (LT)
6" WHITE (10'-30')
℄ CONST. NORTHBOUND BRIDGE PGL (RT)
℄ CONST. FORT HAMER ROAD
℄ CONST. HIDDEN HARBOR PARK
POND 8B
EXIST. POND 3A
EXIST. POND 2A
POND 2B
POND 2A
SPEED LIMIT 40 R2-1
25 MPH W13-1
W2-6
W11-2
R6-5P
R1-2
611
612
613
710
711
712
713
50
51
52
53
54
55
56
57
511
512
513
514
515
516
517
518
519
520
521
522
337
338
339
438
439
+86.75
+49.64
+63.64
+99.81
+37.70
+04.38
+15.43
+71.81
+18.54
+06.55
+03.30
+30.02
+72.82
+62.79
+91.04
+99.49
+03.79

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE IV (2)

SHEET NO. 210

c:\pw\kh1\d0448268\TCDSRD00.dgn : 4.2 PHASE 4A - SHEET
Diego.Monsalve 9/25/2025 5:44:39 PM

STRIPING LEGEND	
A	6" WHITE
B	6" YELLOW
C	6" DOUBLE YELLOW
D	PAINTED ARROW

1"=100'

EXIST. 20' LANDSCAPE BUFFER EASEMENT

EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEMENT

W2-6

25 MPH

W13-1

PROPOSED MANATEE COUNTY DRAINAGE EASEMENT

EXIST. 20' LANDSCAPE BUFFER

MESSAGE 1: NEW TRAFFIC PATTERN

MESSAGE 2: ROUND-ABOUT AHEAD

EXIST. 5' NON-VEHICULAR INGRESS/EGRESS EASEENT

TEMPORARY CONSTRUCTION EASEMENT

℄ CONST. FORT HAMER ROAD

EXIST. R/W

EXIST. 20' LANDSCAPE BUFFER

+45.45

+77.27

523 524 525 526 527 528 529 530 531 532 533 534 535 536 537

EXIST. R/W

+45.45

+00.00

EXIST. 20' MANATEE COUNTY UTILITY EASEMENT

18" YELLOW

EXIST. 27' UTILITY EASEMENT

PROP. R/W

POND 2A

R4-7

OM1-3

SPEED LIMIT 40

R2-1

EXIST. ACCESS EASEMENT

EXIST. 20' ELECTRIC UTILITY EASEMENT

LEGEND	
	WORK ZONE SIGN
	PERMANENT SINGLE-POST SIGN
	PORTABLE CHANGEABLE MESSAGE SIGN
	LOW PROFILE BARRIER
	CHANNELIZING DEVICE (SEE INDEX 600)
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES
	TEMPORARY PAVEMENT
	TEMPORARY PAVEMENT PLACED IN PREVIOUS PHASE
	WORK AREA
	ARROW BOARD
	DIRECTION OF TRAFFIC
	TEMPORARY PEDESTRIAN PATH
	EXISTING PEDESTRIAN PATH TO REMAIN

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

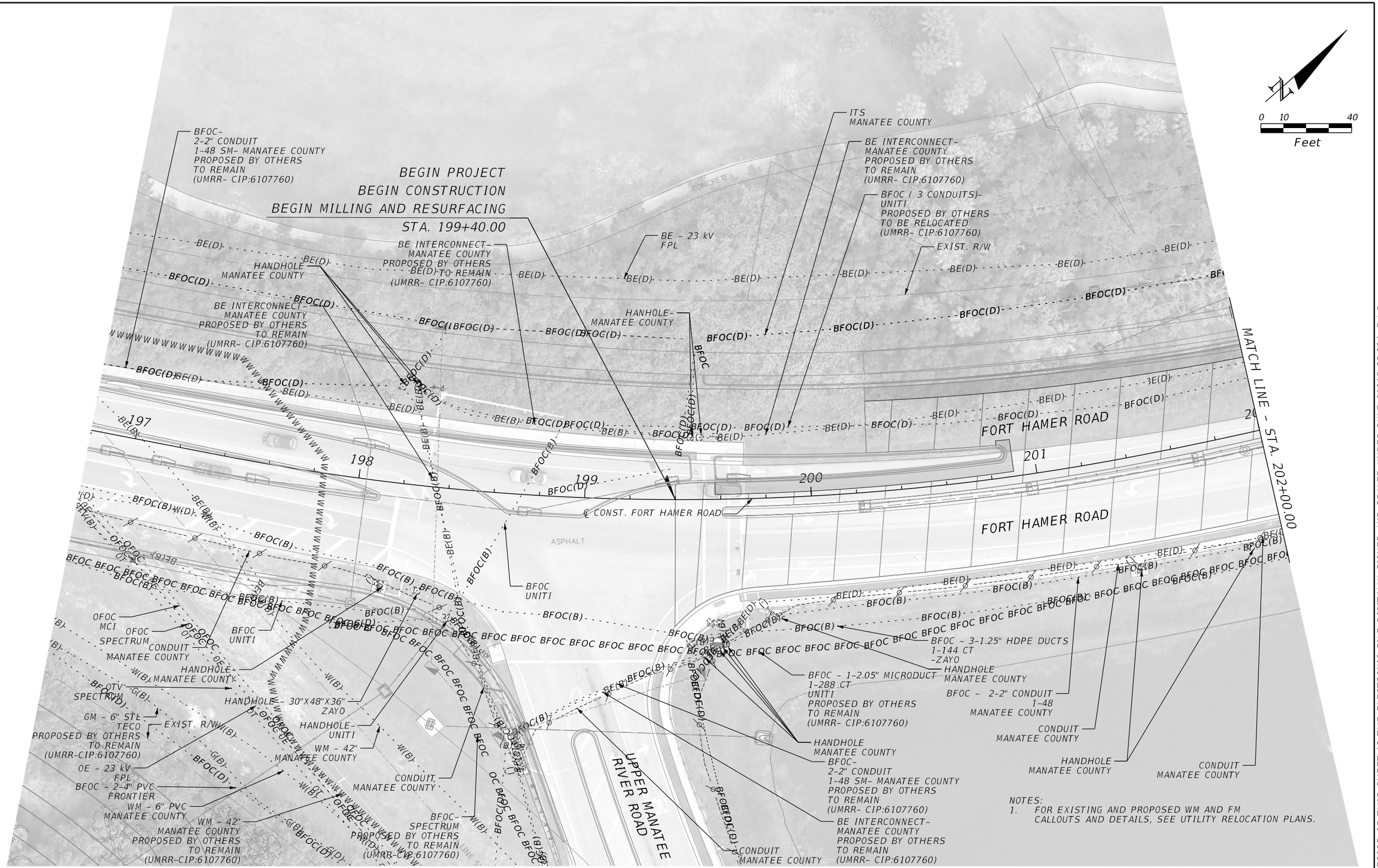
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

TEMPORARY TRAFFIC CONTROL PLANS PHASE IV (3)

SHEET NO. 211

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



NOTES:
1. FOR EXISTING AND PROPOSED WM AND FM CALLOUTS AND DETAILS, SEE UTILITY RELOCATION PLANS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

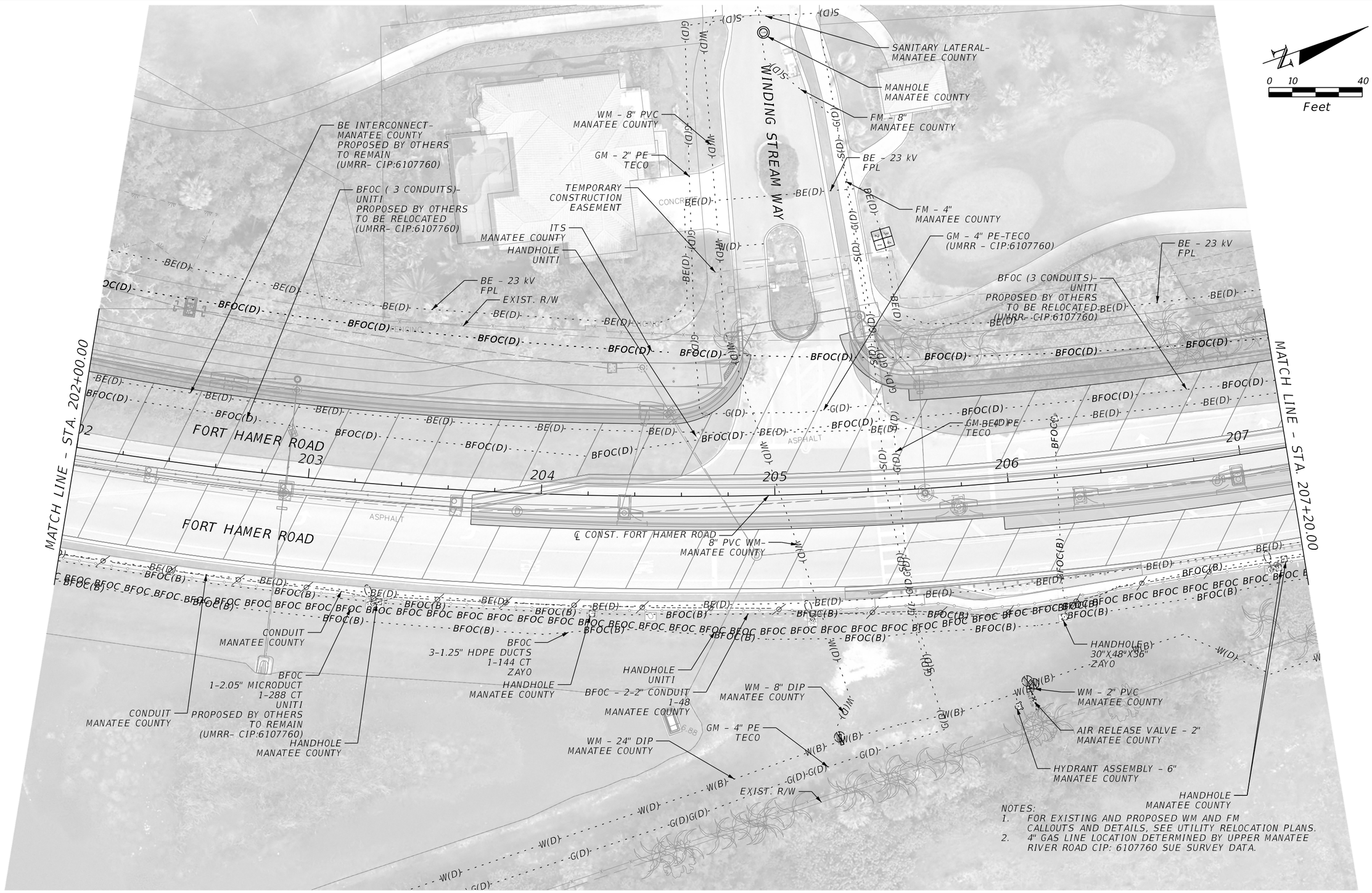
UTILITY ADJUSTMENT

PLAN (1)

SHEET NO. 212

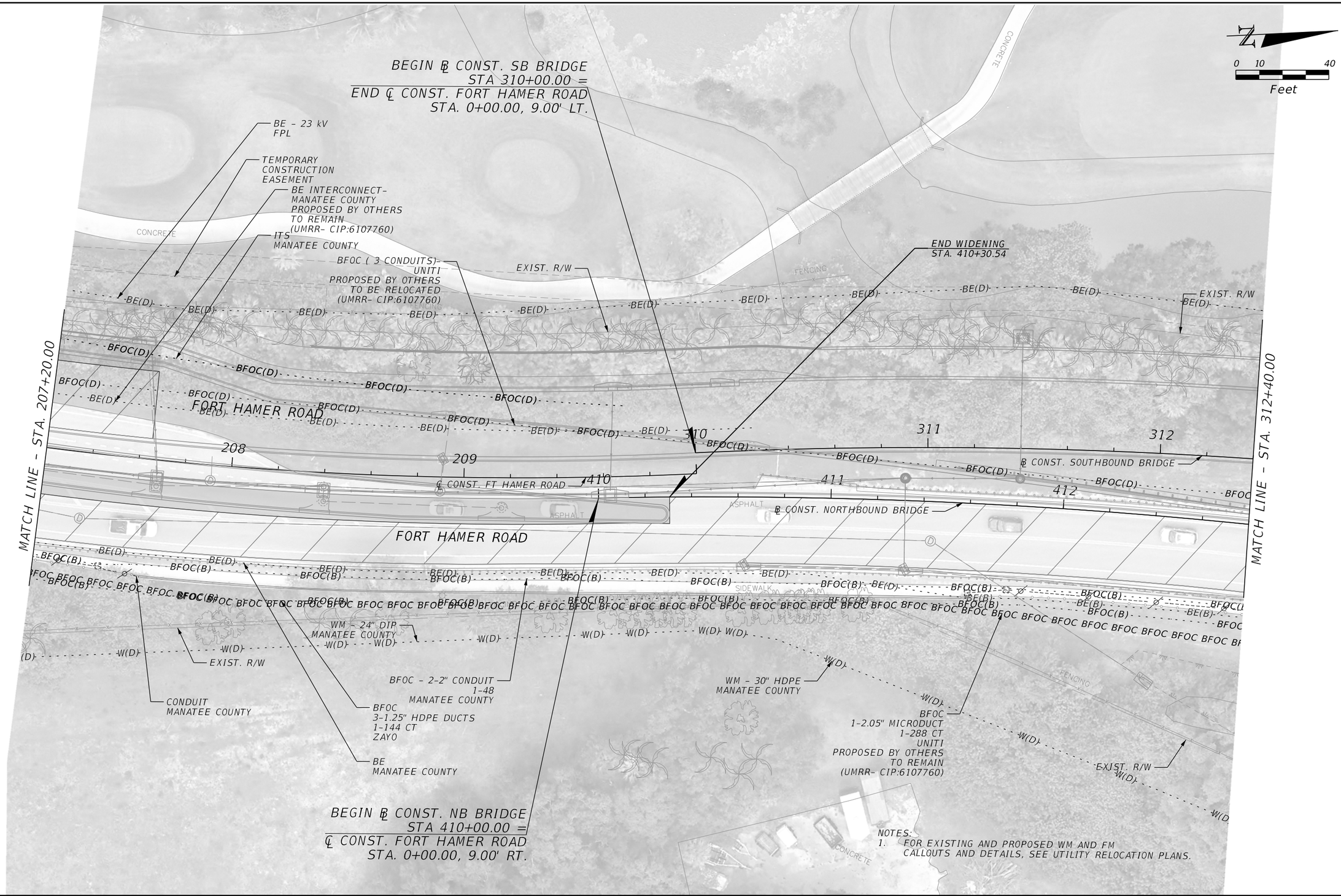
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

c:\pw\kh1\d0448246\UTADUW01.dgn : CLFTHAMERS – PLAN 1 [SHEET]
Priya.Bavanaka 9/25/2025 7:31:50 PM



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			UTILITY ADJUSTMENT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN (2)	213
					FORT HAMER	MANATEE	452856-1-34-01		

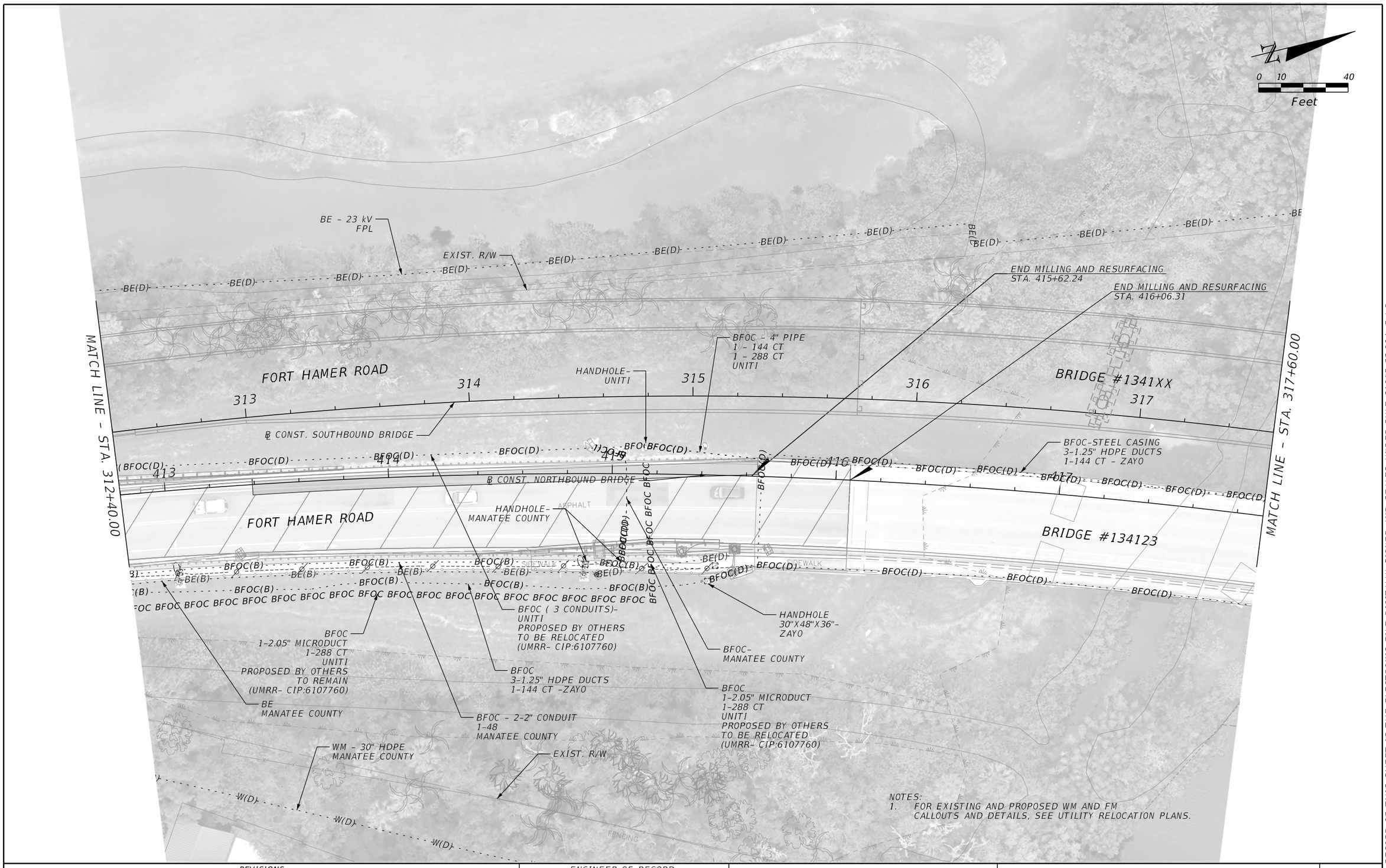
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			UTILITY ADJUSTMENT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN (3)	214
					FORT HAMER	MANATEE	452856-1-34-01		

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

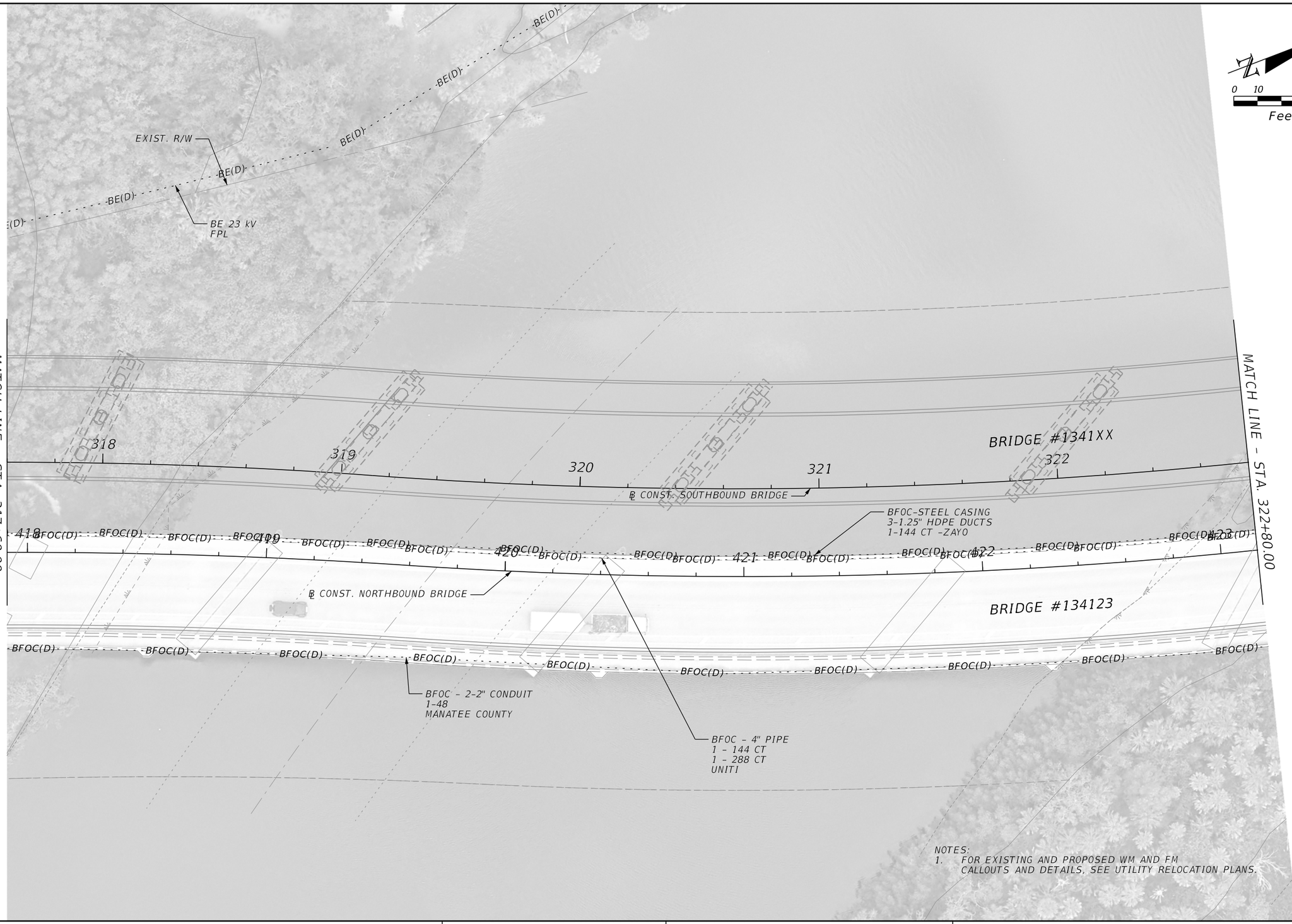
c:\pw\kh1\d0448246\UTADUW01.dgn : CLFTHAMERS - PLAN 3 [SHEET]
Diego.Monsalve 9/25/2025 5:31:36 PM



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			UTILITY ADJUSTMENT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY–HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN (4)	215
					FORT HAMER	MANATEE	452856-1-34-01		

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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Diego.Monsalve 9/25/2025 5:31:45 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

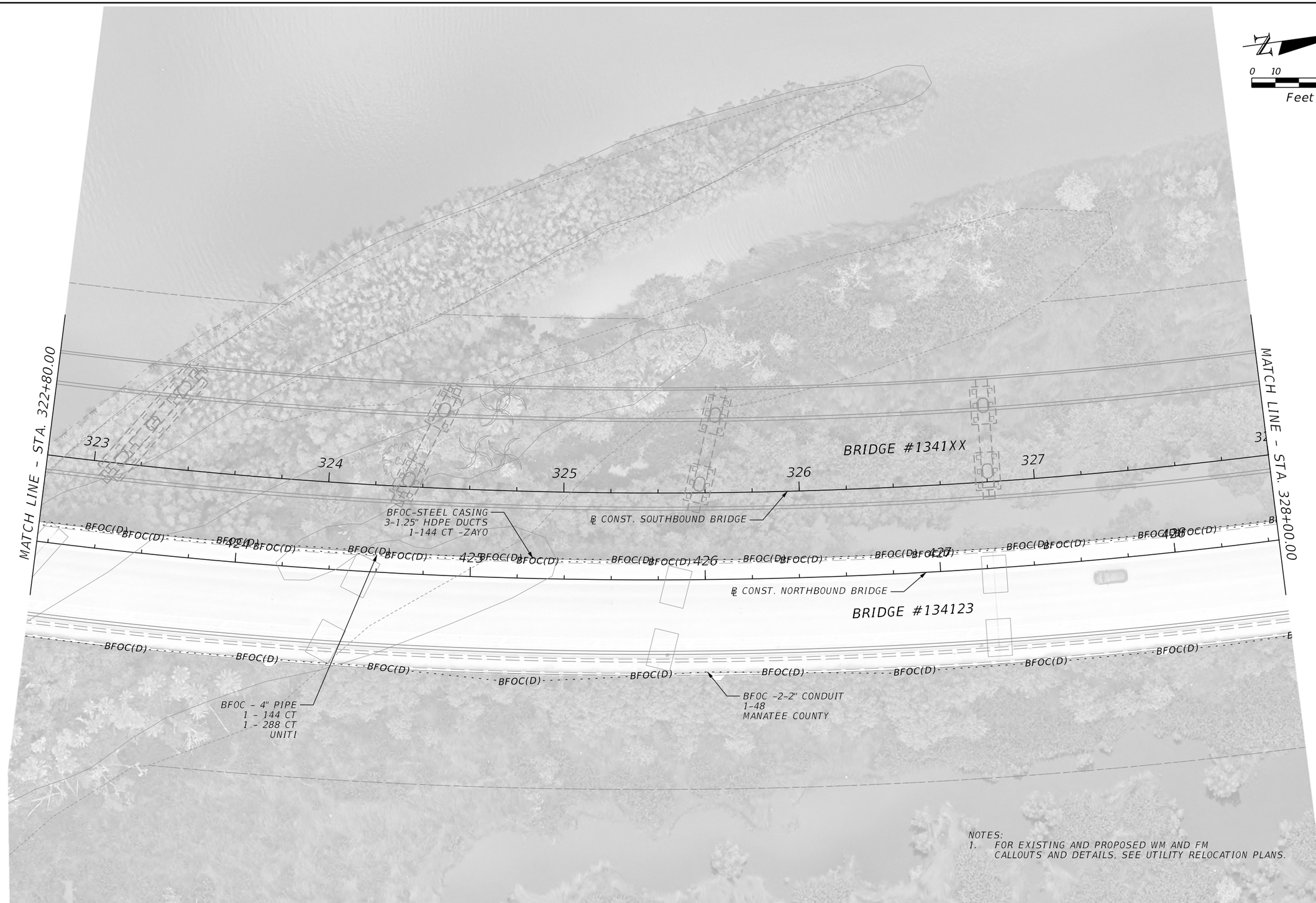
UTILITY ADJUSTMENT

PLAN (5)

SHEET NO. 216

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

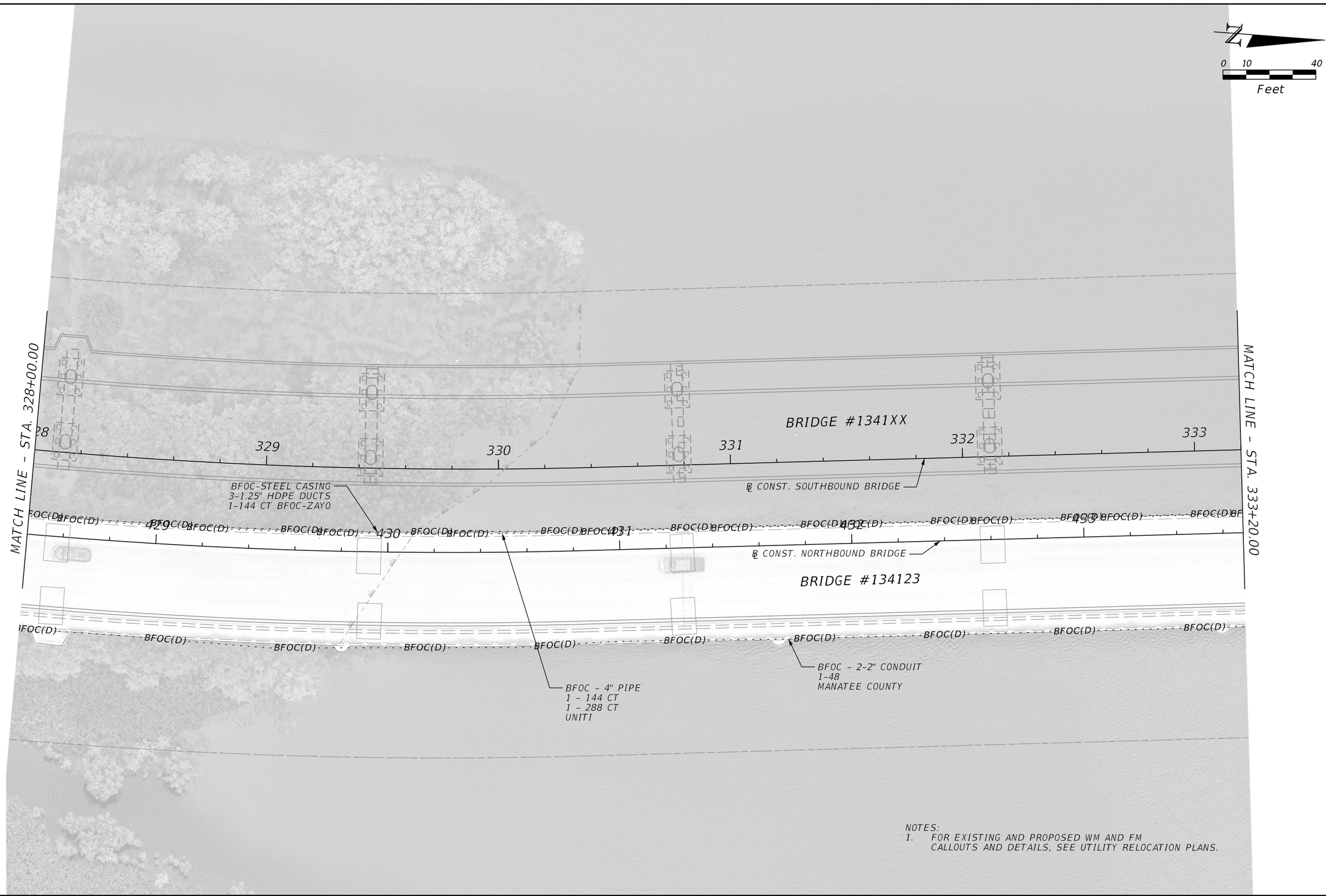
c:\pw\kh1\d0448246\UTADUW01.dgn : CLFTHAMERWBR – PLAN 5 [SHEET]
Diego.Monsalve 9/25/2025 5:31:52 PM



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			UTILITY ADJUSTMENT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN (6)	217
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0448246\UTADUW01.dgn : CLFTHAMERWBR - PLAN 6 [SHEET]
Diego.Monsalve 9/25/2025 5:31:59 PM



NOTES:
1. FOR EXISTING AND PROPOSED WM AND FM CALLOUTS AND DETAILS, SEE UTILITY RELOCATION PLANS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

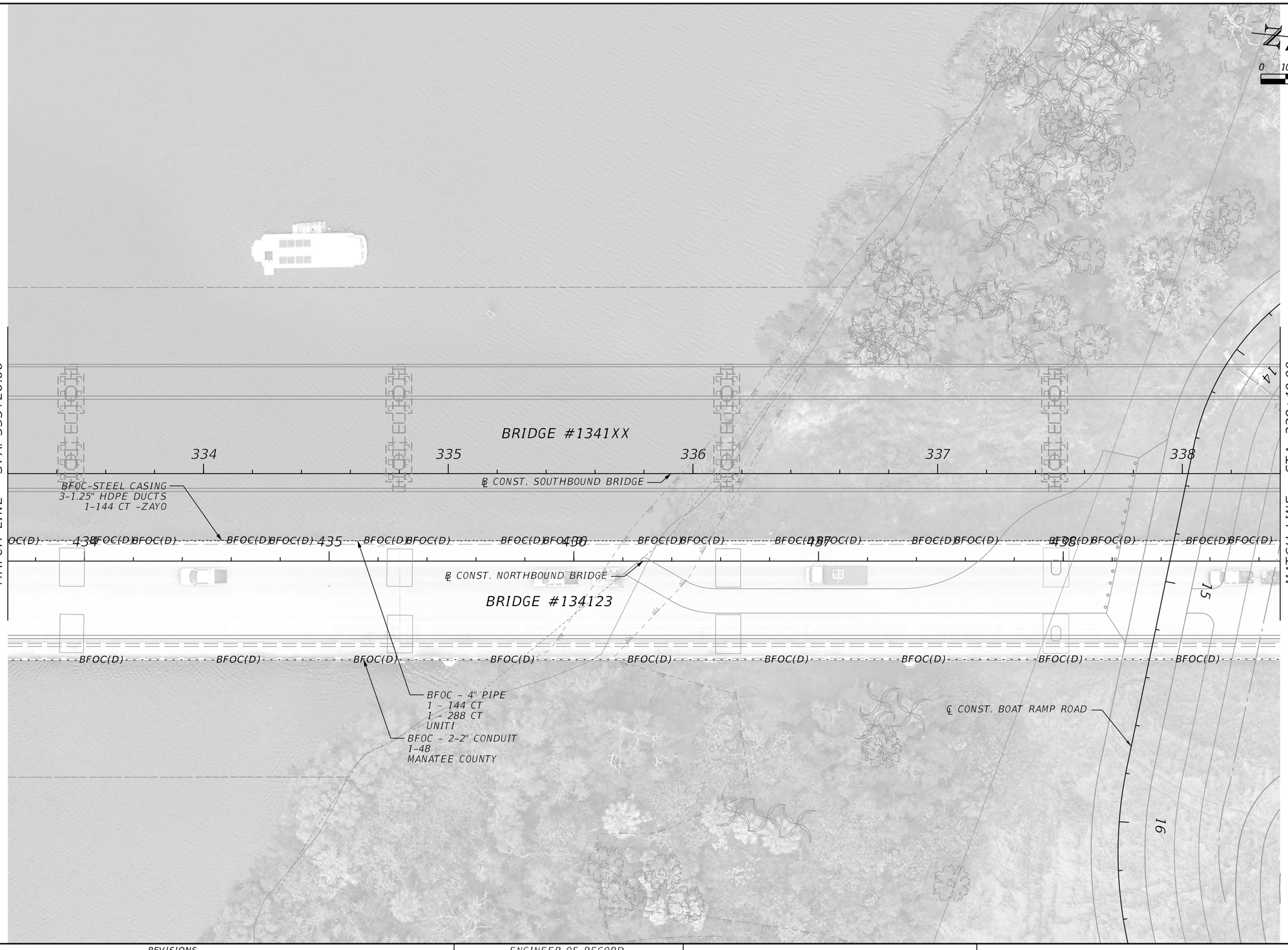
UTILITY ADJUSTMENT

PLAN (7)

SHEET NO. 218

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

c:\pw\kh1\d0448246\UTADUW01.dgn : CLFTHAMERWBR - PLAN 7 [SHEET]
Diego.Monsalve 9/25/2025 5:32:06 PM



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

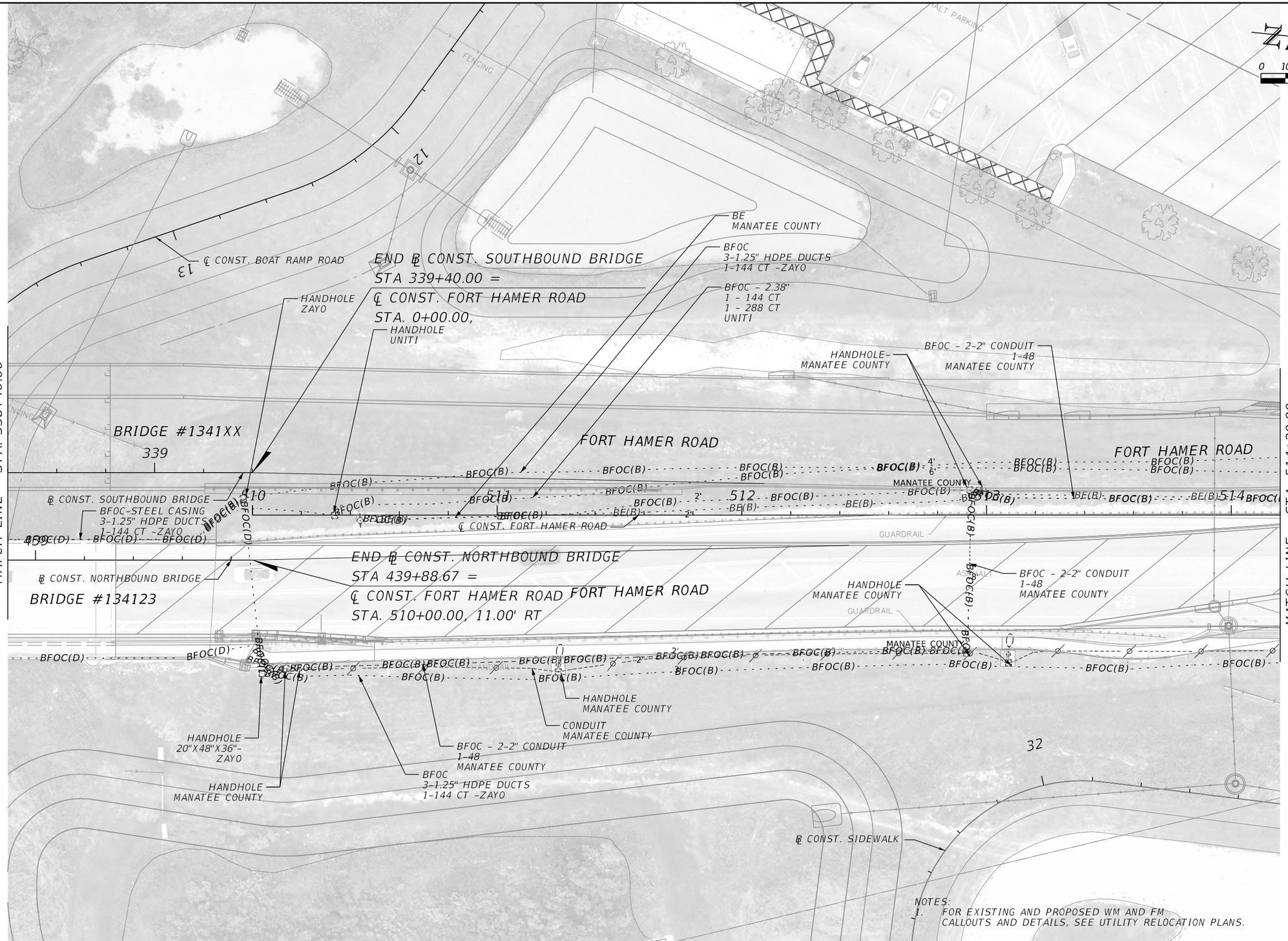
UTILITY ADJUSTMENT

PLAN (8)

SHEET NO. 219

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

c:\pw\kh1\d0448246\UTADUW01.dgn : CLFTHAMERWBR – PLAN 8 [SHEET]
Diego.Monsalve 9/25/2025 5:32:14 PM



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

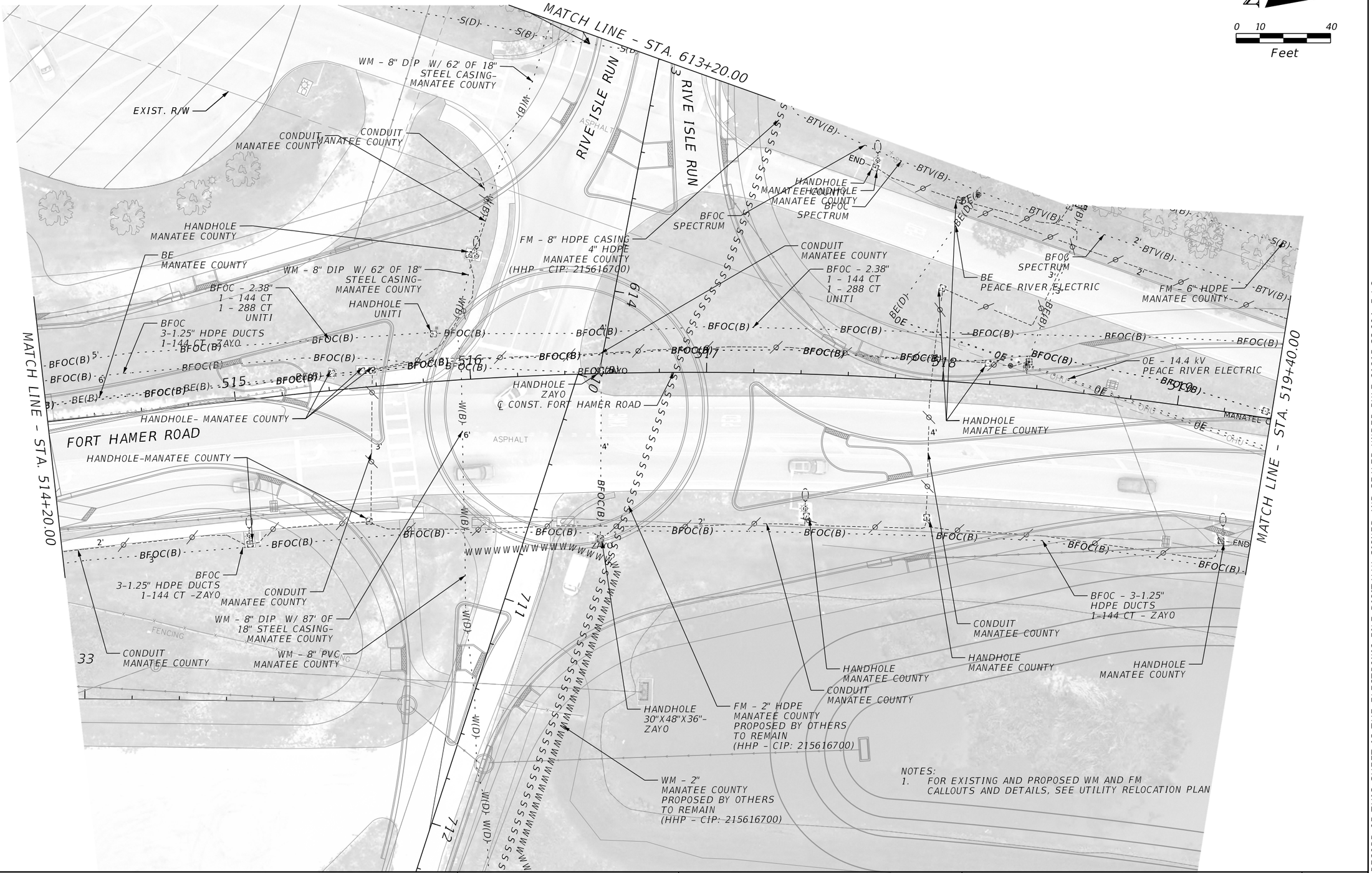
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

UTILITY ADJUSTMENT

PLAN (9)

SHEET NO. 220



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

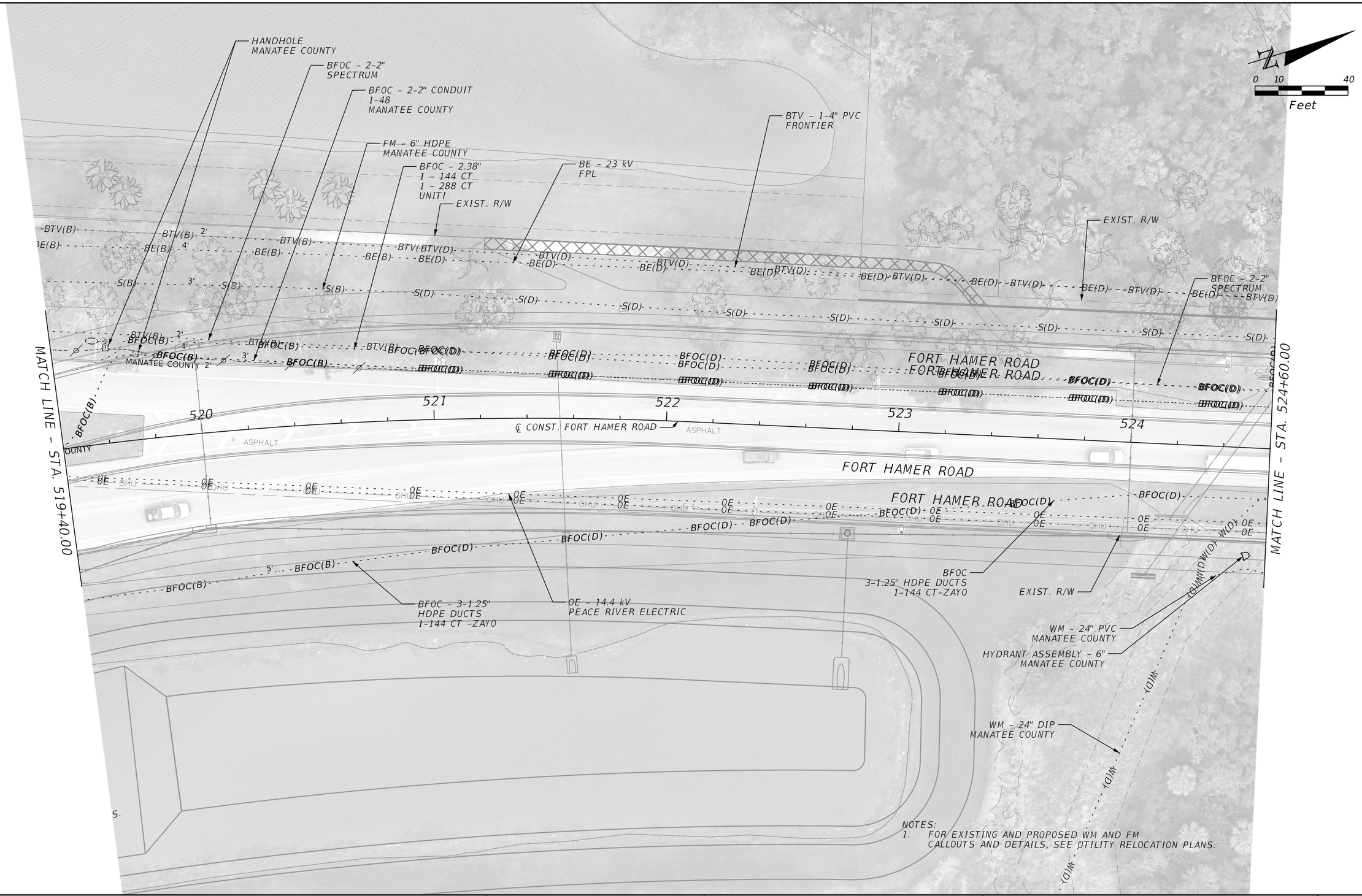
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

UTILITY ADJUSTMENT

PLAN (10)

SHEET NO. 221

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Diego.Monsalve 9/25/2025 5:32:38 PM



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

UTILITY ADJUSTMENT

PLAN (11)

SHEET NO. 222

c:\pw\kh1\d0448246\UTADUW01.dgn : CLFTHAMERN – PLAN 11 [SHEET]
Diego.Monsalve 9/25/2025 5:32:49 PM

0 10 40
Feet

BE – 23 kV
FPL

BF0C – 2-2"
SPECTRUM

EXIST. R/W

BTV – 1-4" PVC
FRONTIER

FM – 6" HDPE
MANATEE COUNTY

0E – 14.4 kV
PEACE RIVER ELECTRIC

BFOC – 2.38"
1 – 144 CT
1 – 288 CT
UNITI

BFOC
MANATEE COUNTY

0TV
SPECTRUM

0E – 14.4 kV
PEACE RIVER ELECTRIC

BFOC – 2-2" CONDUIT
1-48
MANATEE COUNTY

0TV
SPECTRUM

FORT HAMER ROAD

525 526 527 528 529

ASPHALT

℄ CONST. FORT HAMER ROAD

MATCH LINE – STA. 524+60.00

MATCH LINE – STA. 529+80.00

FORT HAMER ROAD

BFOC
3-1.25" HDPE DUCTS
1-144 CT – ZAYO

0E – 14.4 kV
PEACE RIVER ELECTRIC

WM – 24" PVC
MANATEE COUNTY

WM – 24" DIP
MANATEE COUNTY

EXIST. R/W

PROP. R/W

0FOC
SPECTRUM

0TV
SPECTRUM

0E – 14.4 kV
PEACE RIVER ELECTRIC

NOTES:
1. FOR EXISTING AND PROPOSED WM AND FM CALLOUTS AND DETAILS, SEE UTILITY RELOCATION PLANS.

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

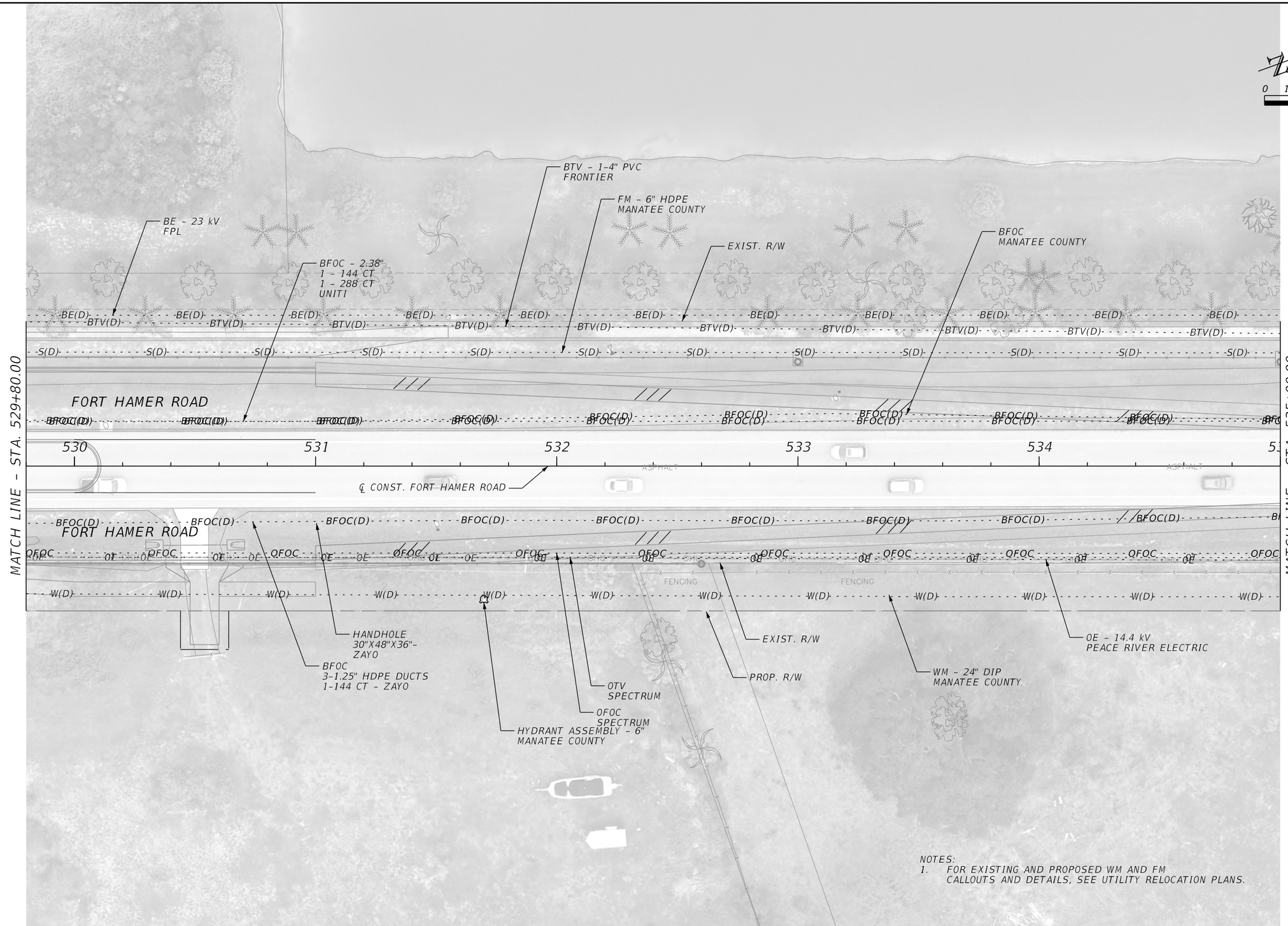
MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

UTILITY ADJUSTMENT

PLAN (12)

SHEET NO. 223

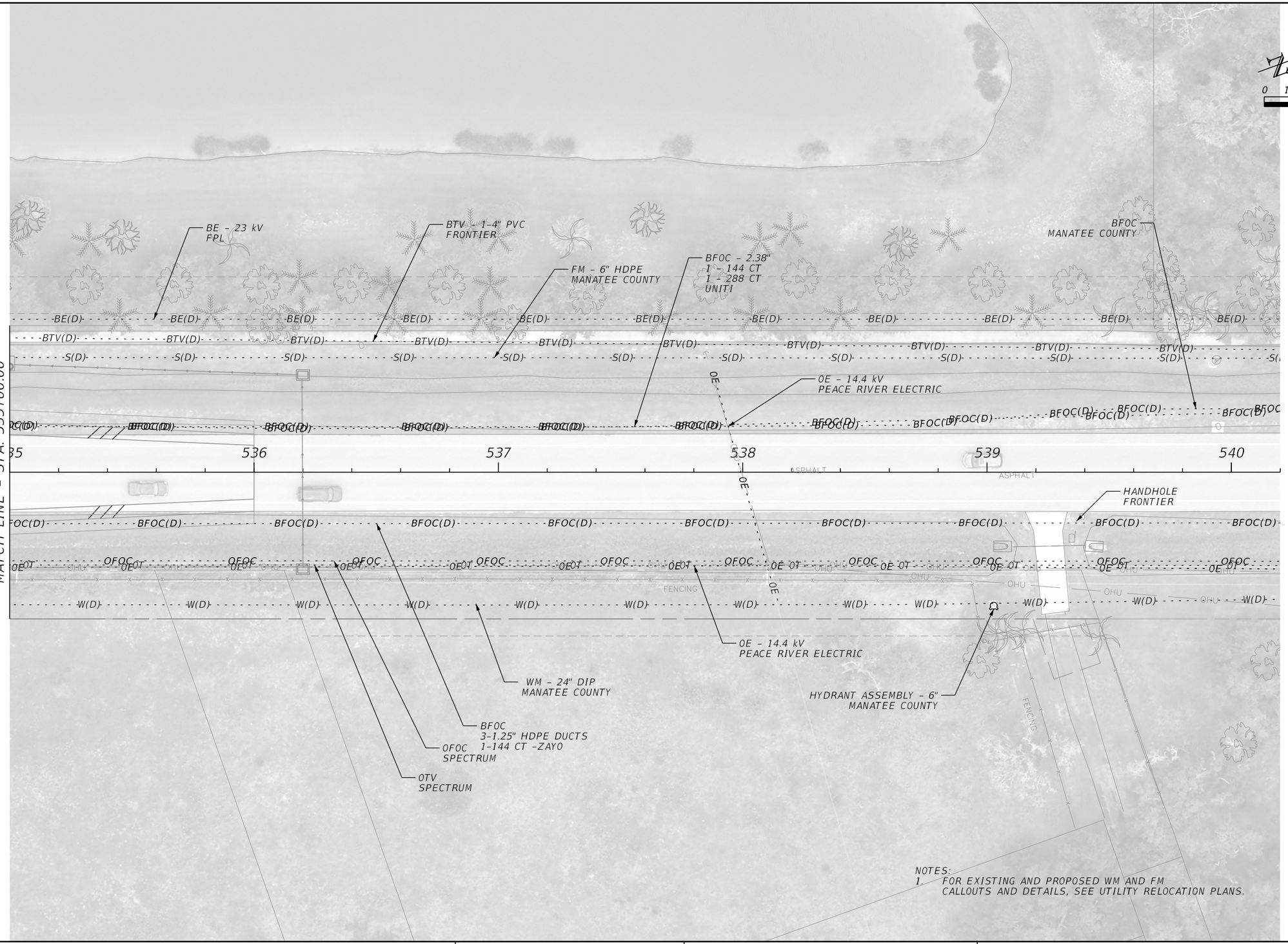


NOTES:
1. FOR EXISTING AND PROPOSED WM AND FM CALLOUTS AND DETAILS, SEE UTILITY RELOCATION PLANS.

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			UTILITY ADJUSTMENT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN (13)	224
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0448246\UTADUW01.dgn : CLFTHAMERN – PLAN 13 [SHEET]
Priya.Bavanaka 9/25/2025 7:32:16 PM

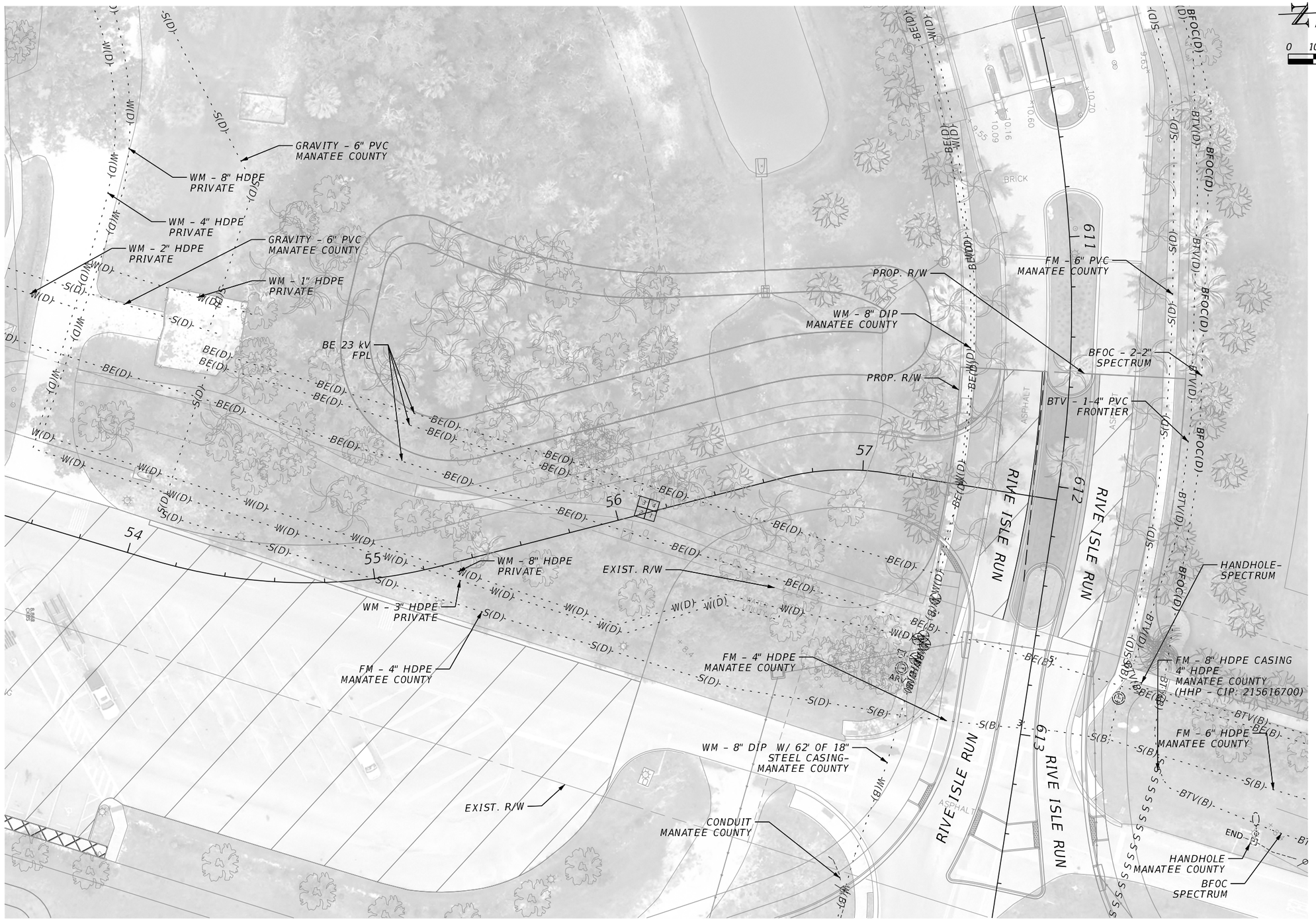


NOTES:
1. FOR EXISTING AND PROPOSED WM AND FM CALLOUTS AND DETAILS, SEE UTILITY RELOCATION PLANS.

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			UTILITY ADJUSTMENT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN (14)	225
					FORT HAMER	MANATEE	452856-1-34-01		

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

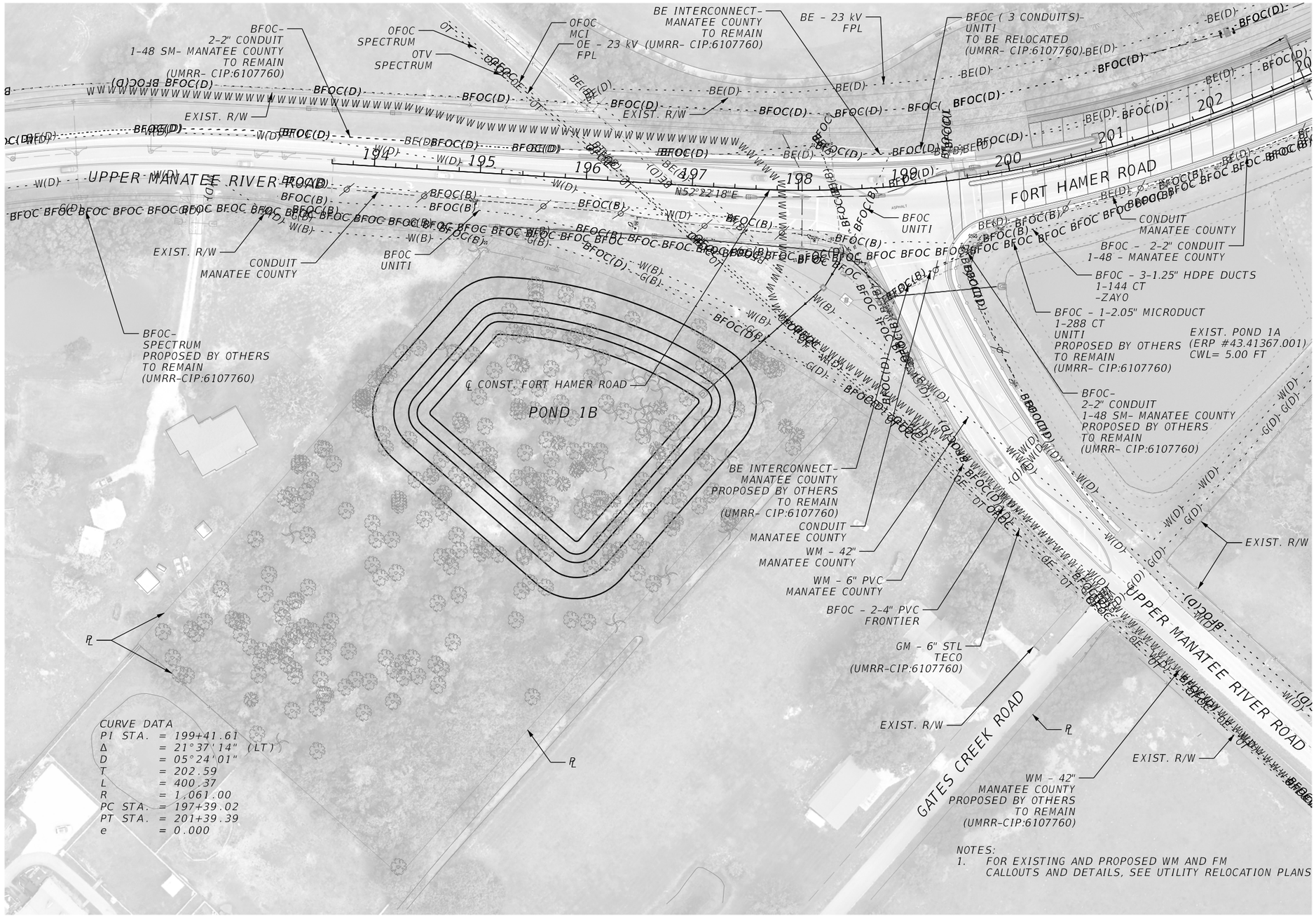
c:\pw\kh1\d0448246\UTADUW01.dgn : CLFTHAMERN – PLAN 14 [SHEET]
Diego.Monsalve 9/25/2025 5:33:10 PM



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

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			UTILITY ADJUSTMENT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN (15)	226
					FORT HAMER	MANATEE	452856-1-34-01		

c:\pw\kh1\d0448246\UTADUW06.dgn : CLRIVEISLE - PLAN 15 [SHEET]
Diego.Monsalve 9/25/2025 5:33:44 PM



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

UTILITY ADJUSTMENT

PLAN (16)

SHEET NO. 227

N

0 20 100
Feet

WM – 8" HDPE
PRIVATE

FM – 4" HDPE
MANATEE COUNTY

WM – 3" HDPE
PRIVATE

℄ CONST. RIVE ISLE RUN

WM – 3" HDPE
PRIVATE

BE – 23 KV
FPL

POND 8B

BFOC – 2–2"
SPECTRUM

BTV – 1–4" PVC
FRONTIER

FM – 6" PVC
MANATEE COUNTY

FM – 4" HDPE
MANATEE COUNTY

℄ CONST. BOAT RAMP ENTRANCE

BOAT RAMP ROAD

℄ CONST. BOAT RAMP ROAD

EXIST. R/W

WM – 8" HDPE
PRIVATE

FM – 4" HDPE
MANATEE COUNTY

EXIST. R/W

RIVE ISLE RUN

EXIST. POND 2A

BFOC – 2.38"
1 – 144 CT
1 – 288 CT
UNITT

FM – 8" HDPE CASING
4" HDPE
MANATEE COUNTY
(HHP – CIP: 215616700)

BFOC
3–1.25" HDPE DUCTS
1–144 CT – ZAYO

BE
MANATEE COUNTY

℄ CONST. SOUTHBOUND BRIDGE

℄ CONST. FORT HAMER ROAD

FORT HAMER ROAD

℄ CONST. NORTHBOUND BRIDGE

BFOC – 2–2" CONDUIT
1–48 – MANATEE COUNTY

WM – 8" DIP
MANATEE COUNTY

BFOC
3–1.25" HDPE DUCTS
1–144 CT – ZAYO

CONDUIT
MANATEE COUNTY

BFOC – 4" PIPE
1 – 144 CT
1 – 288 CT
UNITI

BFOC
3–1.25" HDPE DUCTS
1–144 CT – ZAYO

POND 2B

POND 2A

HIDDEN HARBOR PARK

FM – 2" HDPE
MANATEE COUNTY
(HHP – CIP: 215616700)

WM – 8" PVC
MANATEE COUNTY

WM – 2" PVC
MANATEE COUNTY
(HHP – CIP: 215616700)

WM – 30" HDPE
MANATEE COUNTY

WM – 8" DIP
MANATEE COUNTY
(HHP – CIP: 215616700)

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			UTILITY ADJUSTMENT	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	PLAN (17)	228
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0448246\UTADUW02.dgn : PLAN 17 [SHEET]
Diego.Monsalve 9/25/2025 5:35:44 PM

0 20 100
Feet

℄ CONST. RIVE ISLE RUN

WM – 8" PVC
MANATEE COUNTY

WM – 8" HDPE
PRIVATE

BFOC – 2–2"
SPECTRUM

BTV – 1–4" PVC
FRONTIER

FM – 6" PVC
MANATEE COUNTY

FM – 8" HDPE CASING
4" HDPE
MANATEE COUNTY
(HHP – CIP: 215616700)

BFOC – 2.38"
1 – 144 CT
1 – 288 CT
UNITI

SM – 2–2" CONDUIT
1–48 – MANATEE COUNTY

EXIST. R/W

CURVE DATA
PI STA = 611+03.16
Δ = 24°00'56" (RT)
D = 11°48'49"
T = 103.16
L = 203.29
R = 485.00
PC STA = 610+00.00
PT STA = 612+03.29
e = 0.000

N11°59'05"W

S28°46'22"E

BE – 23 kV
FPL

WM – 3" HDPE
PRIVATE

FM – 4" HDPE
MANATEE COUNTY

BFOC – 2.38"
1 – 144 CT
1 – 288 CT
UNITI

EXIST. R/W

BFOC
ZAYO

N05°53'37"W

CONDUIT
MANATEE COUNTY

BFOC
3–1.25" HDPE DUCTS
1–144 CT – ZAYO

SM – 2–2" CONDUIT
1–48 – MANATEE COUNTY

POND 2B

FM – 2" HDPE
MANATEE COUNTY
(HHP – CIP: 215616700)

WM – 30" HDPE
MANATEE COUNTY

S1°30'08"E

WM – 8" DIP
MANATEE COUNTY

WM – 8" PVC
MANATEE COUNTY

WM – 2" PVC
MANATEE COUNTY
(HHP – CIP: 215616700)

S88°58'44"E

WM – 8" DIP
MANATEE COUNTY
(HHP – CIP: 215616700)

FM – 6" HDPE
MANATEE COUNTY

BFOC – 2–2"
SPECTRUM

BE – 23 kV
FPL

OE – 14.4 kV
PEACE RIVER ELECTRIC

BTV – 1–4" PVC
FRONTIER

BFOC – 2.38"
1 – 144 CT
1 – 288 CT
UNITI

BFOC
MANATEE COUNTY

℄ CONST. FORT HAMER ROAD

EXIST. R/W

N19°53'22"E

BFOC
3–1.25" HDPE DUCTS
1–144 CT – ZAYO

EXIST. R/W

PROP. R/W

WM – 24" HDPE
MANATEE COUNTY

CURVE DATA
PI STA. = 31+84.99
Δ = 89°51'24" (RT)
D = 81°51'04"
T = 69.82
L = 109.78
R = 70.00
PC STA. = 31+15.17
PT STA. = 32+24.95
e = 0.000

CURVE DATA
PI STA. = 518+74.26
Δ = 25°46'54" (RT)
D = 03°44'59"
T = 349.70
L = 687.56
R = 1,528.00
PC STA. = 515+24.56
PT STA. = 522+12.12
e = 0.000

CURVE DATA
PI STA. = 611+03.16
Δ = 24°00'56" (RT)
D = 11°48'49"
T = 103.16
L = 203.29
R = 485.00
PC STA. = 610+00.00
PT STA. = 612+03.29
e = 0.000

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

SHARI K. BARNWELL, P.E.
LICENSE NUMBER: 71357
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

MANATEE COUNTY
CIP No. 6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

UTILITY ADJUSTMENT

PLAN (18)

SHEET NO. 229

c:\pw\kh1\d0448246\UTADUW02.dgn : PLANUW18 [SHEET]
Diego.Monsalve 9/25/2025 5:35:56 PM

MANATEE COUNTY

DATE OF SURVEY: JULY 2024 TO SEPTEMBER 2025
SURVEY MADE BY: TIERRA, INC.
SUBMITTED BY: KEVIN H. SCOTT, P.E.

DISTRICT: 1
ROAD NO.: --
COUNTY: MANATEE

CIP: 6118061

PROJECT NAME: FT HAMER BRIDGE DESIGN

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA. : 193+60.00 SURVEY ENDS STA. : 210+00.00 REFERENCE: CENTERLINE FORT HAMER S_210

SURVEY BEGINS STA. : 310+00.00 SURVEY ENDS STA. : 339+40.00 REFERENCE: CENTERLINE FORT HAMER BR_310

SURVEY BEGINS STA. : 510+00.00 SURVEY ENDS STA. : 539+20.00 REFERENCE: CENTERLINE FORT HAMER N_510

	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENT PASS (%)						ATTERBERG LIMITS (%)					CORROSION TEST RESULTS				
STRATUM NO.	NO. OF TESTS	% ORGANIC	NO. OF TESTS	MOISTURE CONTENT	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX	AASHTO GROUP	DESCRIPTION	NO. OF TESTS	RESISTIVITY ohm-cm	CHLORIDE ppm	SULFATES ppm	pH
1	--	--	--	--	26	100	93	66	29	2-10	--	--	--	A-3	LIGHT BROWN TO GRAY SAND TO SAND WITH SILT	1	14,000	15	<5	8.1
2	--	--	1	23	7	--	--	--	--	11-14	1	NP	NP	A-2-4	LIGHT BROWN TO GRAY SILTY SAND	--	--	--	--	--
3	--	--	7	16-26	7	--	--	--	--	21-28	4	23-31	10-15	A-2-6	LIGHT BROWN TO LIGHT GRAY TO PALE ORANGE CLAYEY SAND	--	--	--	--	--
4	2	7-16	2	26-46	2	--	--	--	--	13	--	--	--	A-8	DARK GRAY ORGANIC SILTY SAND TO MUCK	--	--	--	--	--
5	--	--	3	45-69	3	--	--	--	--	74-92	3	57-120	28-74	A-7-6/A-7-5	LIGHT BROWN TO GREEN-GRAY TO GRAY CLAY TO SILT	--	--	--	--	--
6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LIMESTONE	--	--	--	--	--
7	--	--	7	15-25	16	--	--	--	--	15-26	7	NP	NP	A-2-4	LIGHT BROWN TO GRAY SILTY SAND (≥15% PASSING 200 SIEVE)	--	--	--	--	--

NOTES:

1. THE MATERIAL FROM STRATA 1 AND 2 (A-3/A-2-4) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001.
2. THE MATERIAL FROM STRATUM 3 (A-2-6/A-2-7) IS PLASTIC MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-002 AND UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001.
3. THE MATERIAL FROM STRATUM 4 (A-8) IS MUCK MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-002 AND UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001.
4. THE MATERIAL FROM STRATUM 5 (A-7-6/A-7-5) IS HIGH PLASTIC MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH STANDARD PLANS INDEX 120-002 AND UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001.
5. LIMESTONE WAS ENCOUNTERED WITHIN THE BORINGS. THIS MATERIAL IS ROCK AND IS LOCATED AT SHALLOW DEPTHS. EXCAVATIONS INTO AND/OR THROUGH LIMESTONE WILL BE DIFFICULT AND WILL REQUIRE NON CONVENTIONAL CONSTRUCTION TECHNIQUES AND SPECIALIZED EQUIPMENT. LIMESTONE IS POROUS AND WILL BE DIFFICULT TO DEWATER.

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

▽ - ESTIMATED SEASONAL HIGH GROUNDWATER TABLE

▼ - WATER TABLE ENCOUNTERED

GNE - GROUNDWATER NOT ENCOUNTERED

NP - NON-PLASTIC

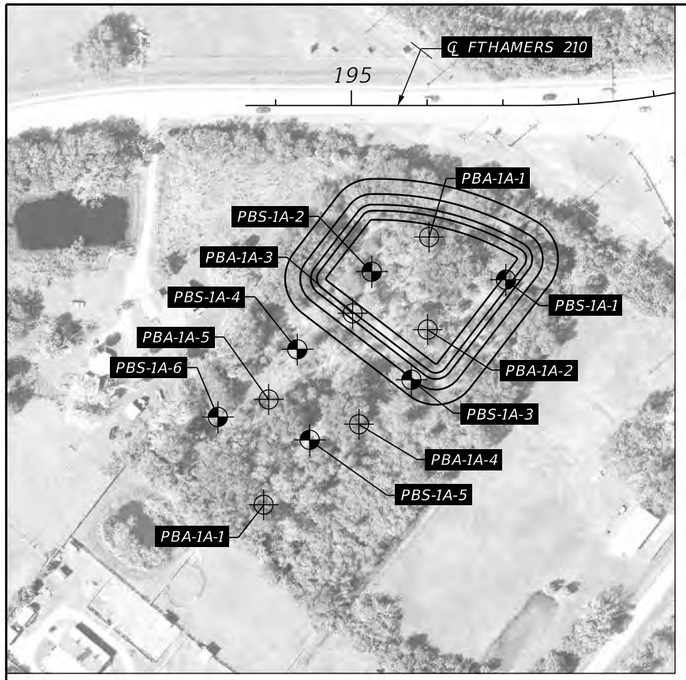
THE "--" INDICATES AN UNMEASURED PARAMETER.

6. BASED ON A REVIEW OF THE "POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER, WEST-CENTRAL FLORIDA" MAP PUBLISHED BY THE USGS, THE POTENTIOMETRIC SURFACE ELEVATION OF THE UPPER FLORIDAN AQUIFER IN THE PROJECT VICINITY IS REPORTED UP TO APPROXIMATELY +20 FEET, NGVD 29. ARTESIAN FLOW CONDITIONS WERE NOT ENCOUNTERED DURING OUR FIELD EXPLORATION; HOWEVER, THE CONTRACTOR'S EQUIPMENT AND CONSTRUCTION METHODS SHOULD BE ADEQUATE TO HANDLE A POTENTIOMETRIC LEVEL UP TO +20 FEET. NGVD 29 AT NO ADDITIONAL COST TO THE COUNTY.
7. THE MATERIAL FROM STRATUM 7 (A-2-4) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH STANDARD PLANS, INDEX 120-001. HOWEVER, THIS MATERIAL IS LIKELY TO RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT. IT SHOULD BE USED IN THE EMBANKMENT ABOVE THE WATER LEVEL EXISTING AT THE TIME OF CONSTRUCTION.

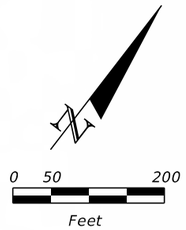
REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP #6118061			ROADWAY SOIL SURVEY	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN H. SCOTT, P.E. LICENSE NUMBER: 65514 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		GR-1
					FORT HAMER	MANATEE	452856-1-34-01		

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

c:\pw\kh1\d0721069\SSUVRD01.dgn : SOILSURVEYSHEET
bgarcia 9/23/2025 10:55:30 AM



BORING LOCATION PLAN

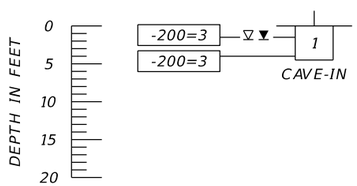


LEGEND

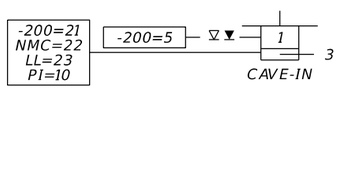
1.	LIGHT BROWN TO GRAY SAND TO SAND WITH SILT (A-3)
2.	LIGHT BROWN TO GRAY SILTY SAND (A-2-4)
3.	LIGHT BROWN TO LIGHT GRAY TO PALE ORANGE CLAYEY SAND (A-2-6)
4.	DARK GRAY ORGANIC SILTY SAND TO MUCK (A-8)
5.	LIGHT BROWN TO GREEN-GRAY TO GRAY CLAY TO SILT (A-7-6/A-7-5)
6.	LIMESTONE
7.	LIGHT BROWN TO GRAY SILTY SAND (≥15% PASSING 200 SIEVE)
A-3	AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
N	NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
50/4	NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
-200	PERCENT PASSING #200 SIEVE
NMC	NATURAL MOISTURE CONTENT (%)
LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
OC	ORGANIC CONTENT (%)
NP	NON-PLASTIC
	APPROXIMATE SPT BORING LOCATION
	APPROXIMATE AUGER BORING LOCATION
▽	ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
▼	GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
CAVE-IN	CAVE-IN DUE TO SHALLOW GROUNDWATER INTRUSION

NOTE: BORINGS DENOTED WITH AN ASTERISK "*" WERE LOCATED BY THE PROJECT SURVEYOR.

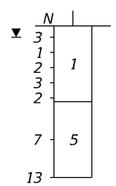
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STA. 193+84
REF. ℄ FTHAMERS_210
OFF. 527' RT.
DATE 8/19/2024



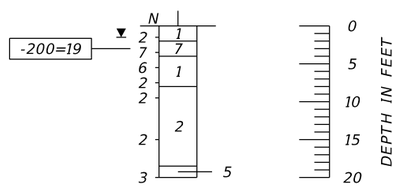
BOR # PBA-1A-5*
STA. 193+91
REF. ℄ FTHAMERS_210
OFF. 388' RT.
DATE 8/19/2024



BOR # PBS-1A-4
STA. 194+29
REF. ℄ FTHAMERS_210
OFF. 322' RT.
DATE 10/18/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25



BOR # PBS-1A-5
STA. 194+45
REF. ℄ FTHAMERS_210
OFF. 441' RT.
DATE 10/18/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25



	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
KEVIN H. SCOTT, P.E.
LICENSE NUMBER: 65514
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

MANATEE COUNTY
CIP #6118061

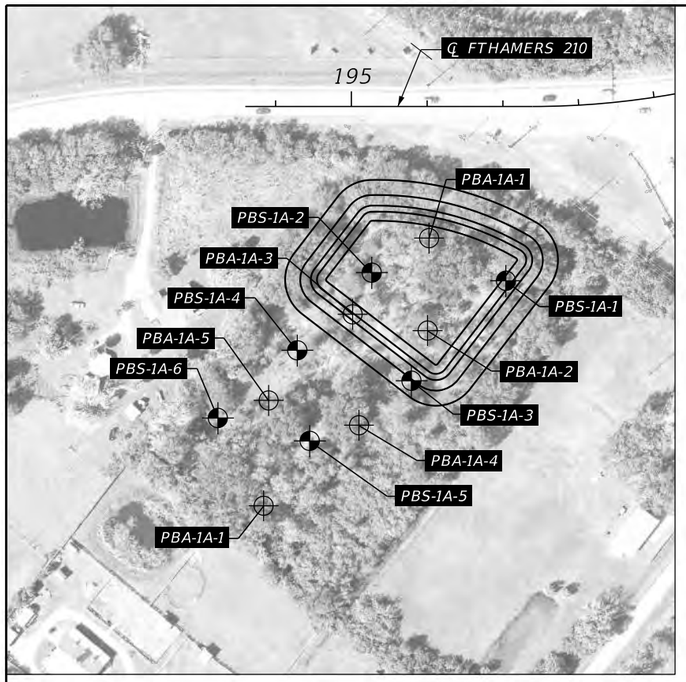
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

POND SOIL SURVEY (1)

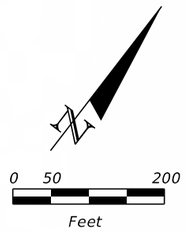
SHEET NO. GR-2

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

c:\pw\kh1\d0721069\PB0RRD01.dgn : PONDS01 [SHEET]
bgarcia 9/23/2025 12:57:23 PM



BORING LOCATION PLAN

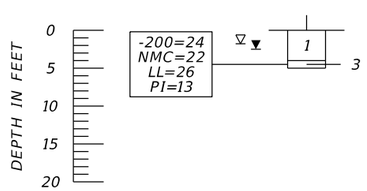


LEGEND

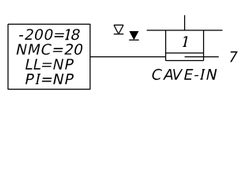
1.	LIGHT BROWN TO GRAY SAND TO SAND WITH SILT (A-3)
2.	LIGHT BROWN TO GRAY SILTY SAND (A-2-4)
3.	LIGHT BROWN TO LIGHT GRAY TO PALE ORANGE CLAYEY SAND (A-2-6)
4.	DARK GRAY ORGANIC SILTY SAND TO MUCK (A-8)
5.	LIGHT BROWN TO GREEN-GRAY TO GRAY CLAY TO SILT (A-7-6/A-7-5)
6.	LIMESTONE
7.	LIGHT BROWN TO GRAY SILTY SAND (≥15% PASSING 200 SIEVE)
A-3	AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
N	NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
50/4	NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
-200	PERCENT PASSING #200 SIEVE
NMC	NATURAL MOISTURE CONTENT (%)
LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
OC	ORGANIC CONTENT (%)
NP	NON-PLASTIC
	APPROXIMATE SPT BORING LOCATION
	APPROXIMATE AUGER BORING LOCATION
▽	ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
▼	GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
CAVE-IN	CAVE-IN DUE TO SHALLOW GROUNDWATER INTRUSION

NOTE: BORINGS DENOTED WITH AN ASTERISK "*" WERE LOCATED BY THE PROJECT SURVEYOR.

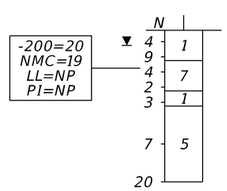
BOR # PBA-1A-3*
STA. 195+02
REF. ℄ FTHAMERS_210
OFF. 274' RT.
DATE 8/19/2024



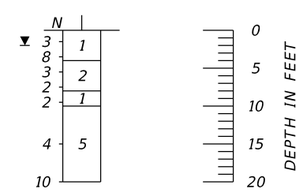
BOR # PBA-1A-4*
STA. 195+10
REF. ℄ FTHAMERS_210
OFF. 421' RT.
DATE 8/19/2024



BOR # PBS-1A-2
STA. 195+27
REF. ℄ FTHAMERS_210
OFF. 219' RT.
DATE 10/17/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25



BOR # PBS-1A-3
STA. 195+79
REF. ℄ FTHAMERS_210
OFF. 362' RT.
DATE 10/18/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25



	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS-RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
KEVIN H. SCOTT, P.E.
LICENSE NUMBER: 65514
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

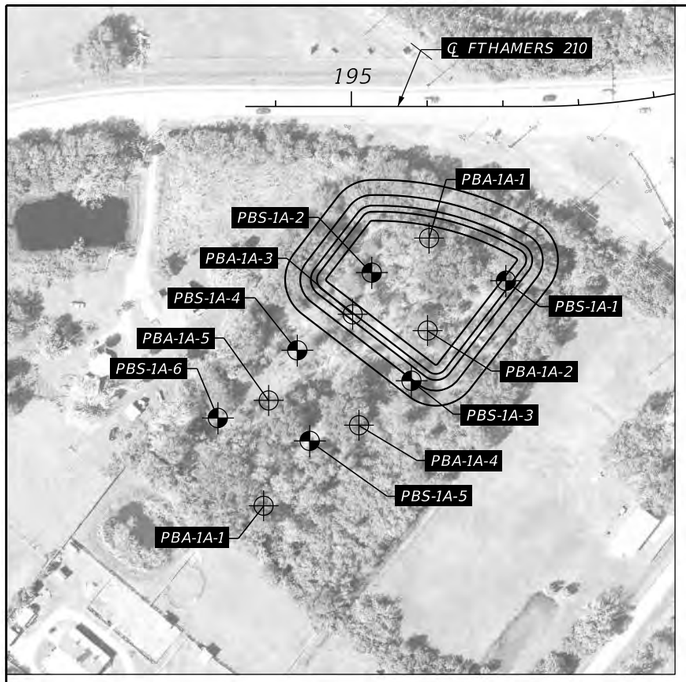
MANATEE COUNTY
CIP #6118061

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

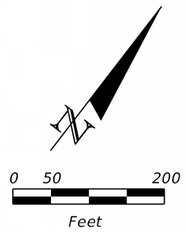
POND SOIL SURVEY (2)

SHEET NO. GR-3

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bgarcia 9/23/2025 12:58:05 PM



BORING LOCATION PLAN



LEGEND

1.	LIGHT BROWN TO GRAY SAND TO SAND WITH SILT (A-3)
2.	LIGHT BROWN TO GRAY SILTY SAND (A-2-4)
3.	LIGHT BROWN TO LIGHT GRAY TO PALE ORANGE CLAYEY SAND (A-2-6)
4.	DARK GRAY ORGANIC SILTY SAND TO MUCK (A-8)
5.	LIGHT BROWN TO GREEN-GRAY TO GRAY CLAY TO SILT (A-7-6/A-7-5)
6.	LIMESTONE
7.	LIGHT BROWN TO GRAY SILTY SAND (≥15% PASSING 200 SIEVE)
A-3	AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
N	NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
50/4	NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
-200	PERCENT PASSING #200 SIEVE
NMC	NATURAL MOISTURE CONTENT (%)
LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
OC	ORGANIC CONTENT (%)
NP	NON-PLASTIC
	APPROXIMATE SPT BORING LOCATION
	APPROXIMATE AUGER BORING LOCATION
▽	ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
▼	GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
CAVE-IN	CAVE-IN DUE TO SHALLOW GROUNDWATER INTRUSION

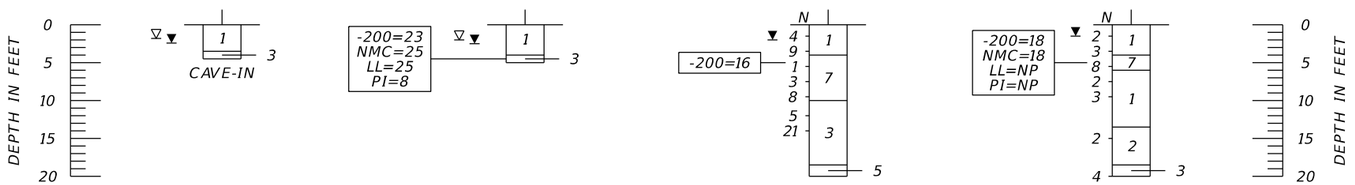
NOTE: BORINGS DENOTED WITH AN ASTERISK "*" WERE LOCATED BY THE PROJECT SURVEYOR.

BOR # PBA-1A-2*
STA. 196+01
REF. ℄ FTHAMERS_210
OFF. 296' RT.
DATE 8/19/2024

BOR # PBA-1A-1*
STA. 196+03
REF. ℄ FTHAMERS_210
OFF. 174' RT.
DATE 8/19/2024

BOR # PBS-1A-1
STA. 197+04
REF. ℄ FTHAMERS_210
OFF. 230' RT.
DATE 10/17/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25

BOR # PBS-1A-6
STA. 198+01
REF. ℄ FTHAMERS_210
OFF. 600' RT.
DATE 10/18/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25



	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
KEVIN H. SCOTT, P.E.
LICENSE NUMBER: 65514
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

MANATEE COUNTY
CIP #6118061

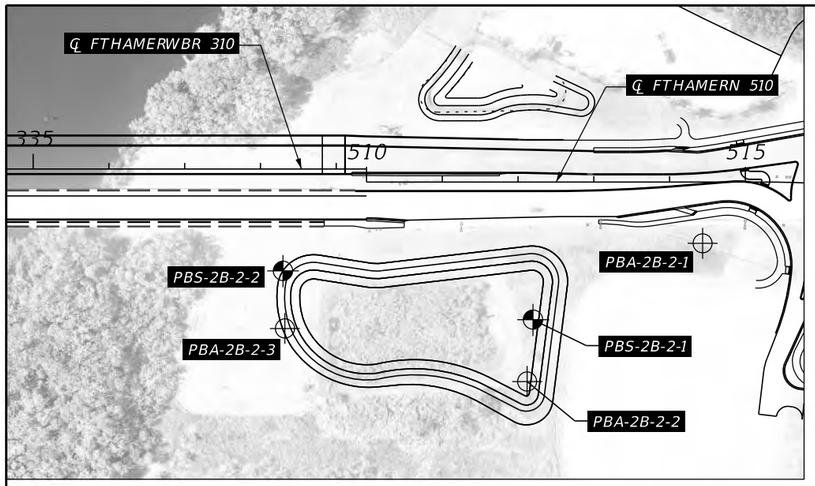
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

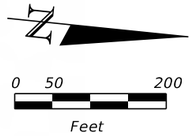
POND SOIL SURVEY (3)

SHEET NO.
GR-4

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

c:\pw\kh1\d0721069\PB0RRD01.dgn : PONDS03 [SHEET]
bgarcia 9/23/2025 12:58:26 PM





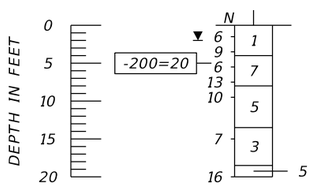
BORING LOCATION PLAN

LEGEND

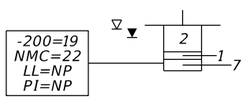
1.	LIGHT BROWN TO GRAY SAND TO SAND WITH SILT (A-3)
2.	LIGHT BROWN TO GRAY SILTY SAND (A-2-4)
3.	LIGHT BROWN TO LIGHT GRAY TO PALE ORANGE CLAYEY SAND (A-2-6)
4.	DARK GRAY ORGANIC SILTY SAND TO MUCK (A-8)
5.	LIGHT BROWN TO GREEN-GRAY TO GRAY CLAY TO SILT (A-7-6/A-7-5)
6.	LIMESTONE
7.	LIGHT BROWN TO GRAY SILTY SAND (≥15% PASSING 200 SIEVE)
A-3	AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
N	NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
50/4	NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
-200	PERCENT PASSING #200 SIEVE
NMC	NATURAL MOISTURE CONTENT (%)
LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
OC	ORGANIC CONTENT (%)
NP	NON-PLASTIC
	APPROXIMATE SPT BORING LOCATION
	APPROXIMATE AUGER BORING LOCATION
	ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
	GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
CAVE-IN	CAVE-IN DUE TO SHALLOW GROUNDWATER INTRUSION

NOTE: BORINGS DENOTED WITH AN ASTERISK "*" WERE LOCATED BY THE PROJECT SURVEYOR.

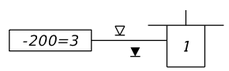
BOR # PBS-2B-2-2
STA. 338+30
REF. ℄ FTHAMERWBR_310
OFF. 134' RT.
DATE 10/16/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25



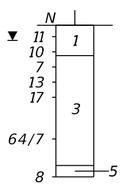
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STA. 338+32
REF. ℄ FTHAMERWBR_310
OFF. 211' RT.
DATE 7/24/2024



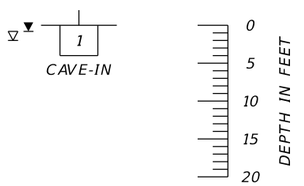
BOR # PBA-2B-2-2*
STA. 512+12
REF. ℄ FTHAMERN_510
OFF. 263' RT.
DATE 7/25/2024



BOR # PBS-2B-2-1
STA. 512+20
REF. ℄ FTHAMERN_510
OFF. 181' RT.
DATE 12/17/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25



BOR # PBA-2B-2-1*
STA. 514+44
REF. ℄ FTHAMERN_510
OFF. 81' RT.
DATE 8/7/2024



	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
KEVIN H. SCOTT, P.E.
LICENSE NUMBER: 65514
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

MANATEE COUNTY
CIP #6118061

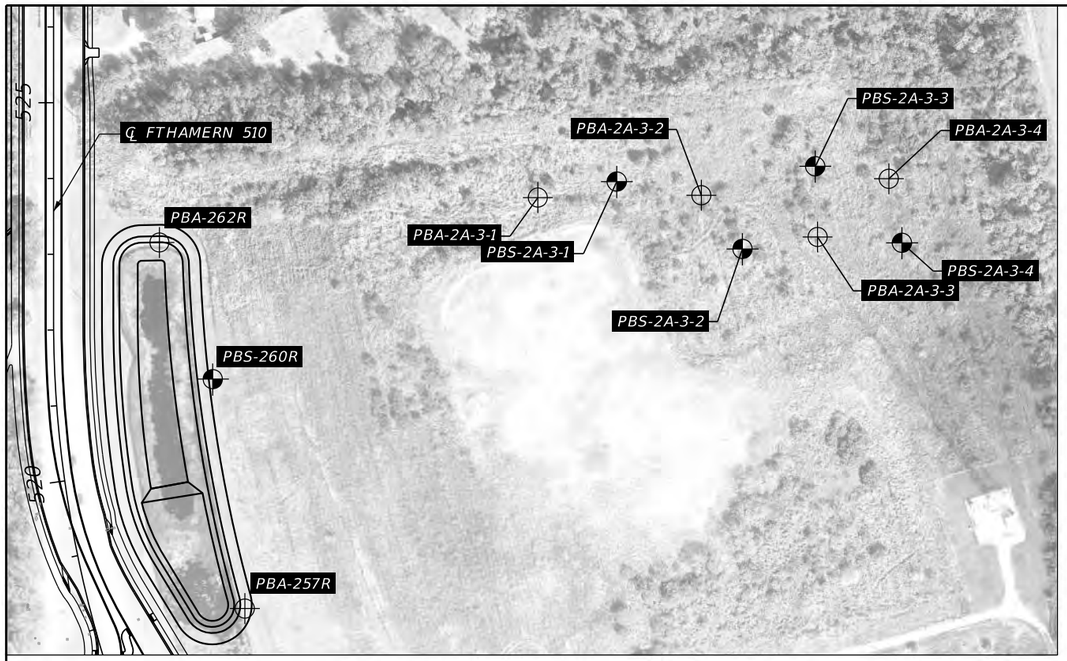
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

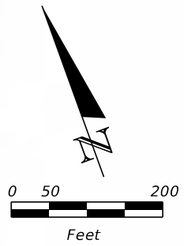
POND SOIL SURVEY (4)

SHEET NO.
GR-5

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

c:\pw\kh1\d0721069\PB0RRD01.dgn : PONDS04 [SHEET]
bgarcia 9/23/2025 12:59:04 PM





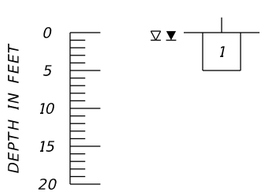
BORING LOCATION PLAN

LEGEND

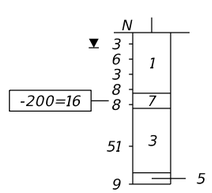
1.	LIGHT BROWN TO GRAY SAND TO SAND WITH SILT (A-3)
2.	LIGHT BROWN TO GRAY SILTY SAND (A-2-4)
3.	LIGHT BROWN TO LIGHT GRAY TO PALE ORANGE CLAYEY SAND (A-2-6)
4.	DARK GRAY ORGANIC SILTY SAND TO MUCK (A-8)
5.	LIGHT BROWN TO GREEN-GRAY TO GRAY CLAY TO SILT (A-7-6/A-7-5)
6.	LIMESTONE
7.	LIGHT BROWN TO GRAY SILTY SAND (≥15% PASSING 200 SIEVE)
A-3	AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
N	NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
50/4	NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
-200	PERCENT PASSING #200 SIEVE
NMC	NATURAL MOISTURE CONTENT (%)
LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
OC	ORGANIC CONTENT (%)
NP	NON-PLASTIC
⊕	APPROXIMATE SPT BORING LOCATION
⊕	APPROXIMATE AUGER BORING LOCATION
▽	ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
▼	GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
CAVE-IN	CAVE-IN DUE TO SHALLOW GROUNDWATER INTRUSION

NOTE: BORINGS DENOTED WITH AN ASTERISK "*" WERE LOCATED BY THE PROJECT SURVEYOR.

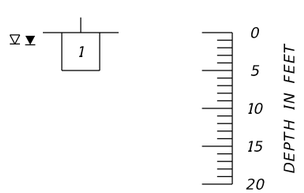
BOR # PBA-257R*
STA. 517+70
REF. ℄ FTHAMERN_510
OFF. 197' RT.
DATE 8/7/2024



BOR # PBS-260R
STA. 521+23
REF. ℄ FTHAMERN_510
OFF. 208' RT.
DATE 10/16/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25



BOR # PBA-262R*
STA. 523+15
REF. ℄ FTHAMERN_510
OFF. 140' RT.
DATE 8/7/2024



	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
KEVIN H. SCOTT, P.E.
LICENSE NUMBER: 65514
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

MANATEE COUNTY
CIP #6118061

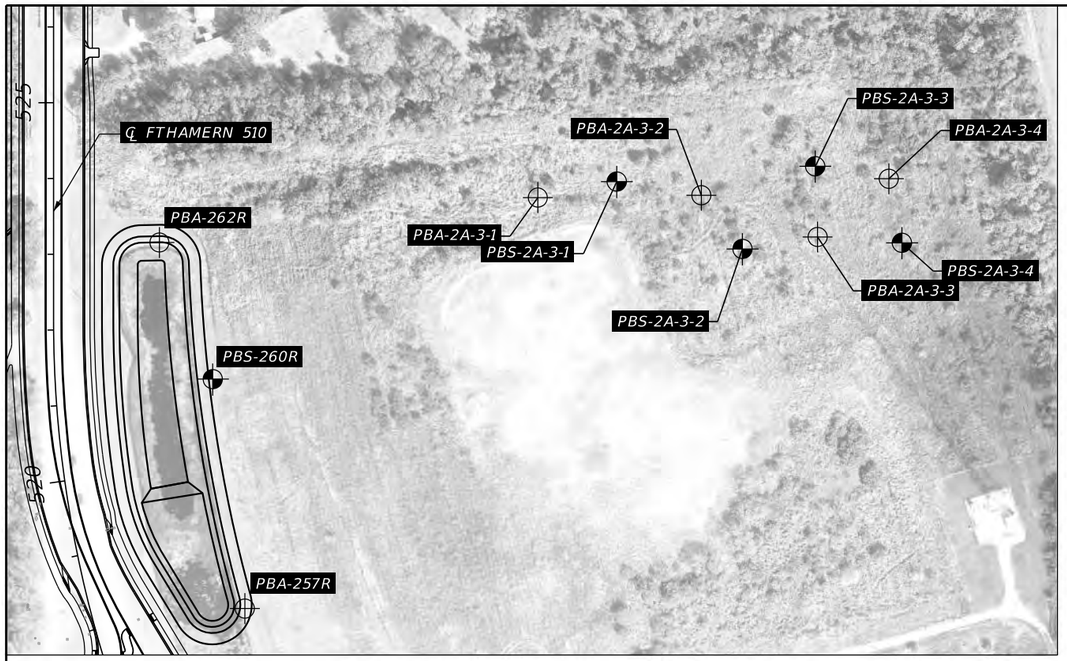
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

POND SOIL SURVEY (5)

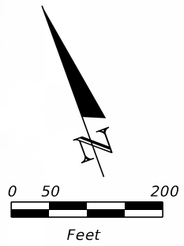
SHEET NO.
GR-6

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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bgarcia 9/23/2025 12:59:48 PM



BORING LOCATION PLAN



LEGEND

1. LIGHT BROWN TO GRAY SAND TO SAND WITH SILT (A-3)
2. LIGHT BROWN TO GRAY SILTY SAND (A-2-4)
3. LIGHT BROWN TO LIGHT GRAY TO PALE ORANGE CLAYEY SAND (A-2-6)
4. DARK GRAY ORGANIC SILTY SAND TO MUCK (A-8)
5. LIGHT BROWN TO GREEN-GRAY TO GRAY CLAY TO SILT (A-7-6/A-7-5)
6. LIMESTONE
7. LIGHT BROWN TO GRAY SILTY SAND (≥15% PASSING 200 SIEVE)

A-3	AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
N	NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
50/4	NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
-200	PERCENT PASSING #200 SIEVE
NMC	NATURAL MOISTURE CONTENT (%)
LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
OC	ORGANIC CONTENT (%)
NP	NON-PLASTIC
⊕	APPROXIMATE SPT BORING LOCATION
⊕	APPROXIMATE AUGER BORING LOCATION
▽	ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
▼	GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
CAVE-IN	CAVE-IN DUE TO SHALLOW GROUNDWATER INTRUSION

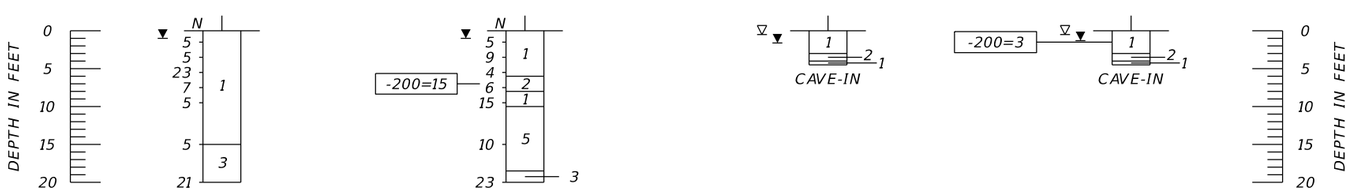
NOTE: BORINGS DENOTED WITH AN ASTERISK "*" WERE LOCATED BY THE PROJECT SURVEYOR.

BOR # PBS-2A-3-2
STA. 523+07
REF. ℄ FTHAMERN_510
OFF. 909' RT.
DATE 10/16/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25

BOR # PBS-2A-3-4
STA. 523+15
REF. ℄ FTHAMERN_510
OFF. 1120' RT.
DATE 10/16/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25

BOR # PBA-2A-3-3*
STA. 523+23
REF. ℄ FTHAMERN_510
OFF. 1008' RT.
DATE 7/18/2024

BOR # PBA-2A-3-1*
STA. 523+75
REF. ℄ FTHAMERN_510
OFF. 639' RT.
DATE 7/18/2024



	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
KEVIN H. SCOTT, P.E.
LICENSE NUMBER: 65514
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

MANATEE COUNTY
CIP #6118061

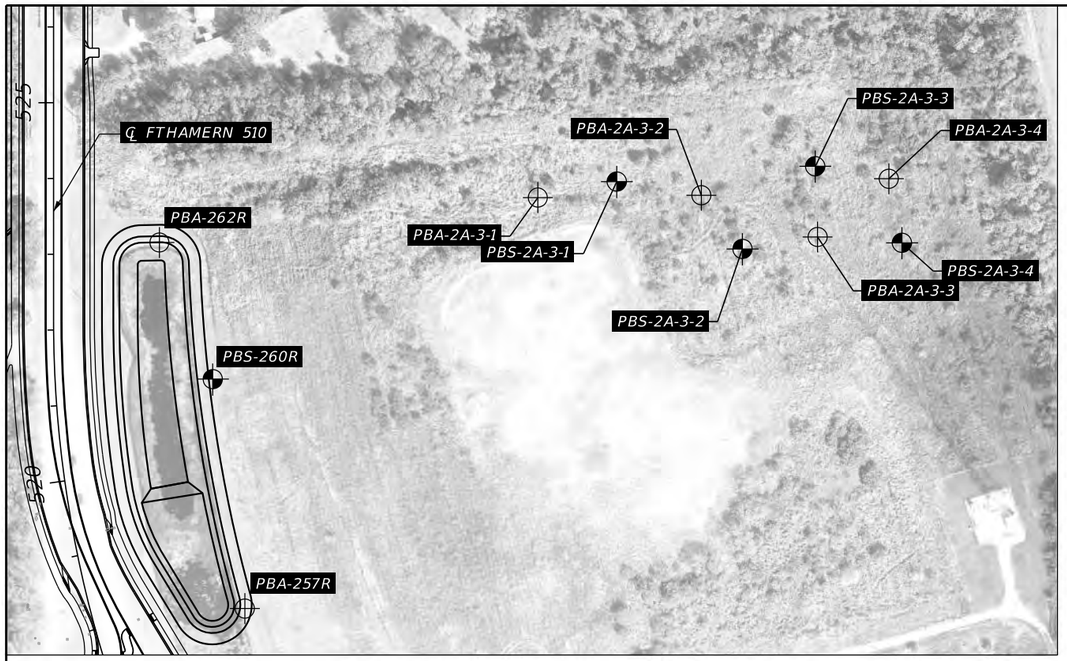
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

POND SOIL SURVEY (6)

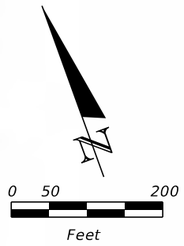
SHEET NO. GR-7

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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BORING LOCATION PLAN

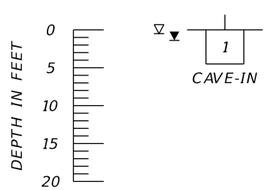


LEGEND

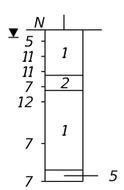
1.	LIGHT BROWN TO GRAY SAND TO SAND WITH SILT (A-3)
2.	LIGHT BROWN TO GRAY SILTY SAND (A-2-4)
3.	LIGHT BROWN TO LIGHT GRAY TO PALE ORANGE CLAYEY SAND (A-2-6)
4.	DARK GRAY ORGANIC SILTY SAND TO MUCK (A-8)
5.	LIGHT BROWN TO GREEN-GRAY TO GRAY CLAY TO SILT (A-7-6/A-7-5)
6.	LIMESTONE
7.	LIGHT BROWN TO GRAY SILTY SAND (≥15% PASSING 200 SIEVE)
A-3	AASHTO GROUP SYMBOL AS DETERMINED BY VISUAL REVIEW AND LABORATORY TESTING ON SELECTED SAMPLES FOR CONFIRMATION OF VISUAL REVIEW.
N	NUMBERS TO THE LEFT OF BORINGS INDICATE SPT VALUE FOR 12 INCHES OF PENETRATION (UNLESS OTHERWISE NOTED).
50/4	NUMBER OF BLOWS FOR 4 INCHES OF PENETRATION
-200	PERCENT PASSING #200 SIEVE
NMC	NATURAL MOISTURE CONTENT (%)
LL	LIQUID LIMIT (%)
PI	PLASTICITY INDEX (%)
OC	ORGANIC CONTENT (%)
NP	NON-PLASTIC
⊕	APPROXIMATE SPT BORING LOCATION
⊕	APPROXIMATE AUGER BORING LOCATION
▽	ESTIMATED SEASONAL HIGH GROUNDWATER TABLE
▼	GROUNDWATER LEVEL ENCOUNTERED DURING FIELD EXPLORATIONS
CAVE-IN	CAVE-IN DUE TO SHALLOW GROUNDWATER INTRUSION

NOTE: BORINGS DENOTED WITH AN ASTERISK "*" WERE LOCATED BY THE PROJECT SURVEYOR.

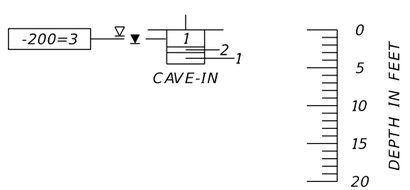
BOR # PBA-2A-3-2*
STA. 523+78
REF. ℄ FTHAMERN_510
OFF. 855' RT.
DATE 7/18/2024



BOR # PBS-2A-3-1
STA. 523+96
REF. ℄ FTHAMERN_510
OFF. 743' RT.
DATE 10/16/2024
DRILLER J. ERICKSON
HAMMER AUTOMATIC
RIG D-25



BOR # PBA-2A-3-4*
STA. 524+00
REF. ℄ FTHAMERN_510
OFF. 1102' RT.
DATE 7/18/2024



	SAFETY HAMMER	AUTOMATIC HAMMER
GRANULAR MATERIALS- RELATIVE DENSITY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY LOOSE	LESS THAN 4	LESS THAN 3
LOOSE	4 to 10	3 to 8
MEDIUM DENSE	10 to 30	8 to 24
DENSE	30 to 50	24 to 40
VERY DENSE	GREATER THAN 50	GREATER THAN 40
SILTS AND CLAYS CONSISTENCY	SPT N-VALUE (BLOWS/FT.)	SPT N-VALUE (BLOWS/FT.)
VERY SOFT	LESS THAN 2	LESS THAN 1
SOFT	2 to 4	1 to 3
FIRM	4 to 8	3 to 6
STIFF	8 to 15	6 to 12
VERY STIFF	15 to 30	12 to 24
HARD	GREATER THAN 30	GREATER THAN 24

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
KEVIN H. SCOTT, P.E.
LICENSE NUMBER: 65514
TIERRA, INC.
7351 TEMPLE TERRACE HIGHWAY
TAMPA, FLORIDA 33637

MANATEE COUNTY
CIP #6118061

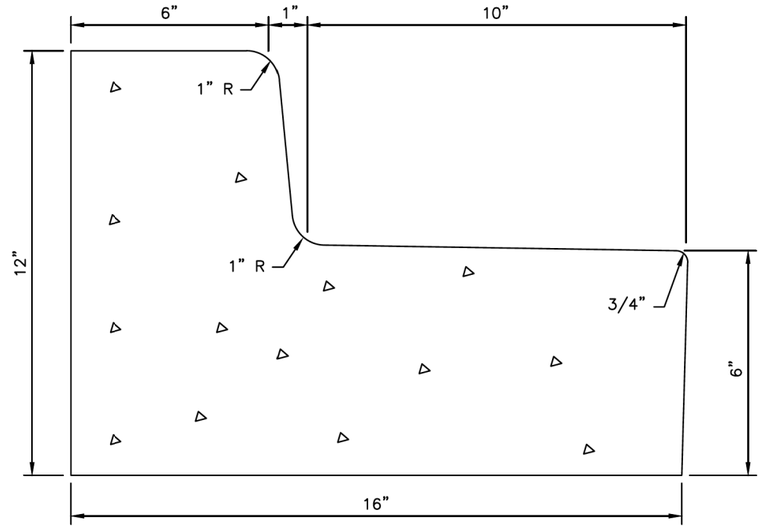
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

POND SOIL SURVEY (7)

SHEET NO.
GR-8

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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TYPE AB
MODIFIED CURB & GUTTER

NOTES:

A. CLASS 1 CONCRETE 3,000 PSI AT 28 DAYS.

B. CURB AND GUTTER SHALL MEET FDOT STANDARD SPECIFICATIONS AND FDOT STANDARD PLANS, INDEX 520–001, LATEST EDITION.

MANATEE COUNTY PUBLIC WORKS DEPARTMENT			TYPE AB MODIFIED CURB & GUTTER	201.3
REV.BY	DATE	4/26/22 DATE OF B.O.C.C. APPROVAL		

REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY CIP No. 6118061			ROADWAY DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SHARI K. BARNWELL, P.E. LICENSE NUMBER: 71357 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		DET-1
					FORT HAMER	MANATEE	452856-1-34-01		

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