

CONTRACT PLANS COMPONENTS

- ROADWAY
- SIGNING AND PAVEMENT MARKINGS
- SIGNALIZATION / ITS
- LIGHTING
- STRUCTURES

MANATEE COUNTY

SIGNING AND PAVEMENT MARKING PLANS

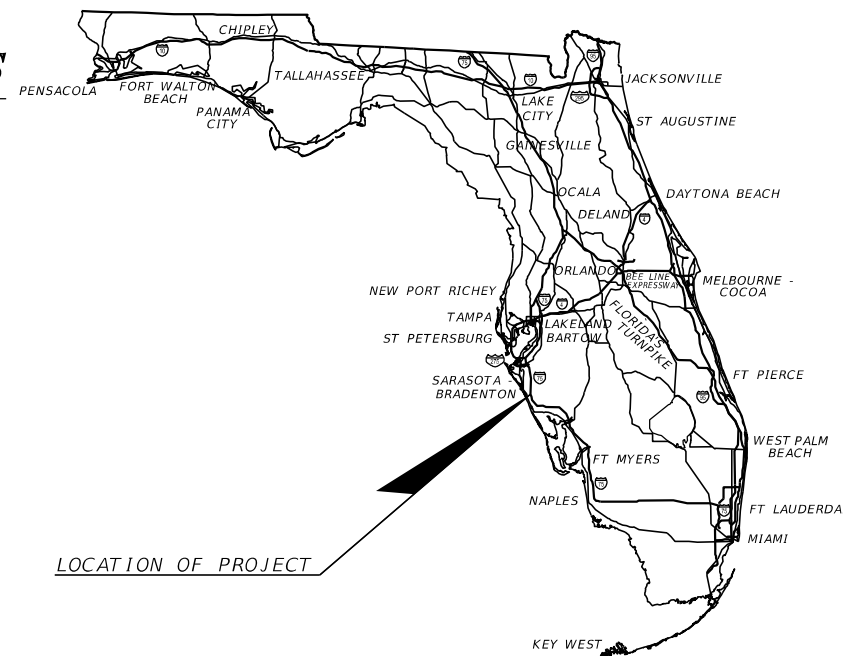
FINANCIAL PROJECT ID 452856-1-34-01 (BRIDGE)
 COUNTY CIP NO. 6118061 (BRIDGE)



MANATEE COUNTY (13020)

FORT HAMER ROAD
 ADD LANES AND RECONSTRUCT
 NEW BRIDGE CONSTRUCTION

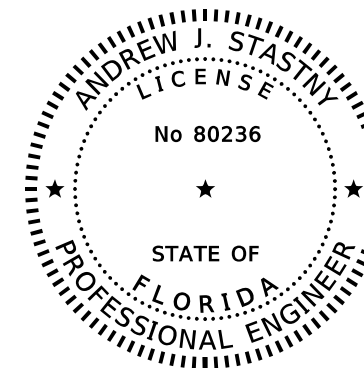
FROM UPPER MANATEE RIVER ROAD TO NORTH RIVE ISLE RUN



INDEX OF SIGNING AND PAVEMENT MARKING PLANS

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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



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

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

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

**SIGNING AND PAVEMENT MARKING PLANS
 ENGINEER OF RECORD:**

ANDREW J. STASTNY, P.E.
 P.E. LICENSE NUMBER 80236
 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.

FISCAL YEAR	SHEET NO.
26	S - 1

**60% SUBMITTAL
 SEPTEMBER 2025**

GOVERNING STANDARD PLANS:

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

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

APPLICABLE IRs: IR - -

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>

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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		GRAND TOTAL			
			S-6		S-7		S-8		S-9		S-10		S-11		S-12		PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
0654 2 21	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR, COMPLETE SIGN	AS																		
0700 1 111	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	EA	1		2			2									5			
0700 1 112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA																		
0700 1311	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I BARRIER SIDE-MOUNT, LESS THAN 12 SF	EA						1									1			
0700 1 500	SINGLE POST SIGN, RELOCATE	EA			1		4	1									6			
0700 1 600	SINGLE POST SIGN, REMOVE	EA	2		1			1									4			
0700 2 115	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 50.1-100.0 SF	EA																		
0700 2500	MULTI-COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA					1										1			
0700 3101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA			1												1			
0705 11 1	DELINEATOR, FLEXIBLE TUBULAR	EA	1														1			
0706 1 3	RAISED PAVEMENT MARKER, TYPE B	EA	35		71		26	26		26		27		26			237			
0710 11190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF																		
0710 11290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	4														4			
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS																		
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	101		109												210			
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	47		6												52			
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	11		14												25			
0711 11141	THERMOPLASTIC, STANDARD, WHITE, DOTTED EXT., 6" (2'-4' DOTTED GUIDELINE)	GM					0.051										0.051			
0711 11144	THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE, 12" FOR ROUNDABOUT	GM																		
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA																		
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	2		8												10			
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRONS	LF																		
0711 11421	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	LF																		
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	80														80			
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	1		2		2										5			
0711 14170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	1		2		2										5			
0711 14560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA								2				2			4			
0711 14570	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST, ARROW ON CONCRETE SURFACE	EA								2				2			4			
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.219		0.472		0.373		0.251								1.315			
0711 16102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.078		0.020												0.097			
0711 16131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP	GM	0.041		0.165		0.189		0.125								0.520			
0711 16171	THERMOPLASTIC, STANDARD OTHER SURFACES, WHITE, 6", 6-10 DOTTED MANAGED LANE MARKING	GM			0.013												0.013			
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.091		0.198		0.196		0.125								0.611			
0711 16202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM																		
0711 16231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6", 10-30 SKIP	GM																		
0713 103 101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM						0.140		0.395		0.397		0.396			1.328			
0713 103 181	PERMANENT TAPE, WHITE, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM						0.070		0.198		0.199		0.198			0.664			
0713 103 201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM						0.070		0.198		0.199		0.198			0.664			
0713 103 381	PERMANENT TAPE, BLACK, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM						0.070		0.198		0.199		0.198			0.664			
0714 10	GREEN-COLORED PAVEMENT MARKINGS, BIKE LANE	SF	266		759		549										1574			

REVISIONS				ENGINEER OF RECORD				MANATEE COUNTY CIP No. 6118061			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-2
								FORT HAMER	MANATEE	452856-1-34-01		

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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S-13		S-14		S-15		S-16		S-17		S-18		S-19		PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL				
0654 2 21	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR, COMPLETE SIGN	AS							12								12			
0700 1 111	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	EA	2		10				32			9		3			3		59	
0700 1 112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA																		
0700 1311	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I BARRIER SIDE-MOUNT, LESS THAN 12 SF	EA	1														1			
0700 1 500	SINGLE POST SIGN, RELOCATE	EA																		
0700 1 600	SINGLE POST SIGN, REMOVE	EA			5				13			6							24	
0700 2 115	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 50.1-100.0 SF	EA			1							1							2	
0700 2500	MULTI-COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA																		
0700 3101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA																		
0705 11 1	DELINEATOR, FLEXIBLE TUBULAR	EA																		
0706 1 3	RAISED PAVEMENT MARKER, TYPE B	EA	28		47			133				26		16			69		319	
0710 11190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF						11											11	
0710 11290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF															16		16	
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS																		
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	44					385											429	
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF			120			64											184	
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	22					216											238	
0711 11141	THERMOPLASTIC, STANDARD, WHITE, DOTTED EXT., 6" (2'-4' DOTTED GUIDELINE)	GM						0.058				0.016							0.119	
0711 11144	THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE, 12" FOR ROUNDABOUT	GM						0.042											0.042	
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA						6					2			1			9	
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA			2			8					2			1			13	
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRONS	LF						10								330			340	
0711 11421	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	LF																		
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	30																30	
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA			2			1				1				2			6	
0711 14170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA			2			1				1				2			6	
0711 14560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA																		
0711 14570	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST, ARROW ON CONCRETE SURFACE	EA																		
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM				0.398		0.465				0.394		0.394		0.394			2.045	
0711 16102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM						0.070											0.070	
0711 16131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM				0.151						0.174		0.195		0.045			0.566	
0711 16171	THERMOPLASTIC, STANDARD OTHER SURFACES, WHITE, 6", 6-10 DOTTED MANAGED LANE MARKING	GM						0.016											0.016	
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.096		0.239			0.242				0.376		0.197		0.390			1.542	
0711 16202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM																		
0711 16231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6", 10-30 SKIP	GM	0.006																0.006	
0713 103 101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.394		0.033														0.426	
0713 103 181	PERMANENT TAPE, WHITE, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM	0.197		0.016														0.213	
0713 103 201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.197		0.016														0.213	
0713 103 381	PERMANENT TAPE, BLACK, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM	0.197		0.016														0.213	
0714 10	GREEN-COLORED PAVEMENT MARKINGS, BIKE LANE	SF																		

REVISIONS				ENGINEER OF RECORD				MANATEE COUNTY CIP No. 6118061			TABULATION OF QUANTITIES	SHEET NO.
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								FORT HAMER	MANATEE	452856-1-34-01		

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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S-20		S-21		S-22		S-23											
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
0654 2 21	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR, COMPLETE SIGN	AS																	12	
0700 1 111	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	EA	1		10		13		2								26		90	
0700 1 112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA					1										1		1	
0700 1311	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I BARRIER SIDE-MOUNT, LESS THAN 12 SF	EA																	2	
0700 1 500	SINGLE POST SIGN, RELOCATE	EA					1										1		7	
0700 1 600	SINGLE POST SIGN, REMOVE	EA	1		1		13									15		43		
0700 2 115	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 50.1-100.0 SF	EA																	2	
0700 2500	MULTI-COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA																	1	
0700 3101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA					2									2		3		
0705 11 1	DELINEATOR, FLEXIBLE TUBULAR	EA																	1	
0706 1 3	RAISED PAVEMENT MARKER, TYPE B	EA	37		62		120		1							220		776		
0710 11190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF																	11	
0710 11290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF					27									27		48		
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS																	1	
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF			161		272									433		1072		
0711 11124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF																	236	
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF			22		35									57		320		
0711 11141	THERMOPLASTIC, STANDARD, WHITE, DOTTED EXT., 6" (2'-4' DOTTED GUIDELINE)	GM																	0.170	
0711 11144	THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE, 12" FOR ROUNDABOUT	GM																	0.042	
0711 11160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	3				4									7		16		
0711 11170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	3		9		13									25		48		
0711 11224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRONS	LF			363		437		1							801		1141		
0711 11421	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	LF					179									179		179		
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF			114		181									294		404		
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA																	11	
0711 14170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA																	11	
0711 14560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA																	4	
0711 14570	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST, ARROW ON CONCRETE SURFACE	EA																	4	
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.368		0.130		0.206		0.037							0.741		4.100		
0711 16102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM																0.167		
0711 16131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6", 10-30 SKIP	GM	0.045													0.045		1.132		
0711 16171	THERMOPLASTIC, STANDARD OTHER SURFACES, WHITE, 6", 6-10 DOTTED MANAGED LANE MARKING	GM																0.029		
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.390		0.131		0.252		0.021							0.795		2.948		
0711 16202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM			0.022											0.022		0.022		
0711 16231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6", 10-30 SKIP	GM			0.037		0.047									0.083		0.089		
0713 103 101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM																1.755		
0713 103 181	PERMANENT TAPE, WHITE, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM																0.877		
0713 103 201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM																0.877		
0713 103 381	PERMANENT TAPE, BLACK, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM																0.877		
0714 10	GREEN-COLORED PAVEMENT MARKINGS, BIKE LANE	SF																	1574	

REVISIONS				ENGINEER OF RECORD				MANATEE COUNTY CIP No. 6118061			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-4
								FORT HAMER	MANATEE	452856-1-34-01		

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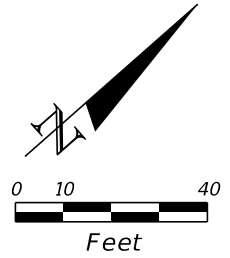
SIGNING AND PAVEMENT MARKING GENERAL NOTES:

1. REFER TO F.D.O.T. STANDARD INDEX NO. 706-001 FOR REFLECTIVE PAVEMENT MARKER REPLACEMENT DETAILS.
2. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE PLANS AND THE APPROPRIATE F.D.O.T. DESIGN STANDARDS.
3. MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNING AND END OF THE PROJECT. REFURNISH ANY MARKINGS OUTSIDE OF THE PROJECT LIMITS DAMAGED DURING PAVING OPERATIONS.
4. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE PERFORMED WITH AN APPROVED METHOD AND SHALL NOT BE VISIBLE AFTER REMOVAL.
5. ALL FINAL PAVEMENT MARKINGS ON ASPHALT SHALL BE STANDARD THERMOPLASTIC.
6. PAVEMENT MARKINGS ON BRIDGES SHALL BE PERMANENT TAPE FOR SOLID AND SKIP LINES.
7. CONTRAST PERMANENT TAPE SHALL BE USED FOR ALL WHITE LONGITUDINAL SOLID AND SKIP LINES ON CONCRETE AND BRIDGE PAVEMENT SURFACES, INCLUDING GORE AREAS.
8. ALL PAVEMENT MARKINGS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED PER F.D.O.T. STANDARDS AT NO ADDITIONAL COST.
9. SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH F.D.O.T. STANDARD INDEX NO. 700-101.
10. ALL SIGN PANEL DIMENSIONS SHALL BE VERIFIED PRIOR TO SENDING PANELS FOR FABRICATION.
11. ALL SIGNS MOUNTED OVER SIDEWALKS SHALL HAVE A VERTICAL CLEARANCE OF EIGHT FEET (8'). CANTILEVER GUIDE SIGNS FOLLOW STANDARD INDEX 700-011.
12. EXCEPT WHERE OTHERWISE SHOWN IN PLANS, ALL CROSSWALKS SHALL BE TEN FEET (10') IN WIDTH. MEASUREMENTS SHALL BE FROM INSIDE TO INSIDE OF 12" STRIPES.
13. THE SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
14. FOR ALL SIGNS BEING REMOVED, COORDINATE THE RETURN OF MANATEE COUNTY TO TRAFFIC ENGINEERING AND OPERATION DEPARTMENT.

SIGNING AND PAVEMENT MARKING PLAN ABBREVIATIONS		
PFTP	-----	PREFORMED THERMOPLASTIC
REFL	-----	REFLECTIVE
WHT	-----	WHITE
W/R	-----	WHITE/RED
YEL	-----	YELLOW
Y/Y	-----	YELLOW/YELLOW

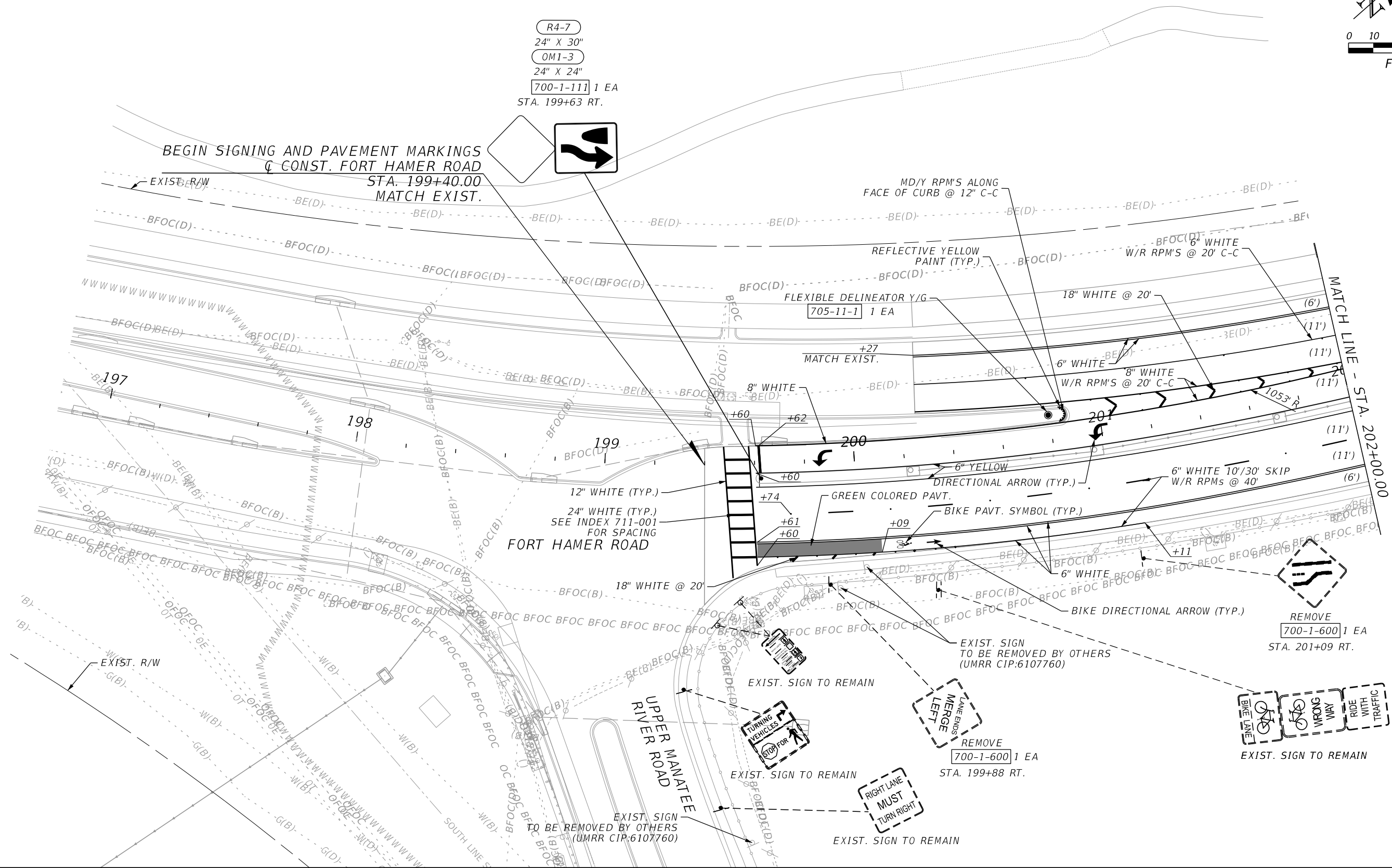
REVISIONS				ENGINEER OF RECORD		MANATEE COUNTY CIP No. 6118061			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-5
						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.



R4-7
24" X 30"
OM1-3
24" X 24"
700-1-111 1 EA
STA. 199+63 RT.

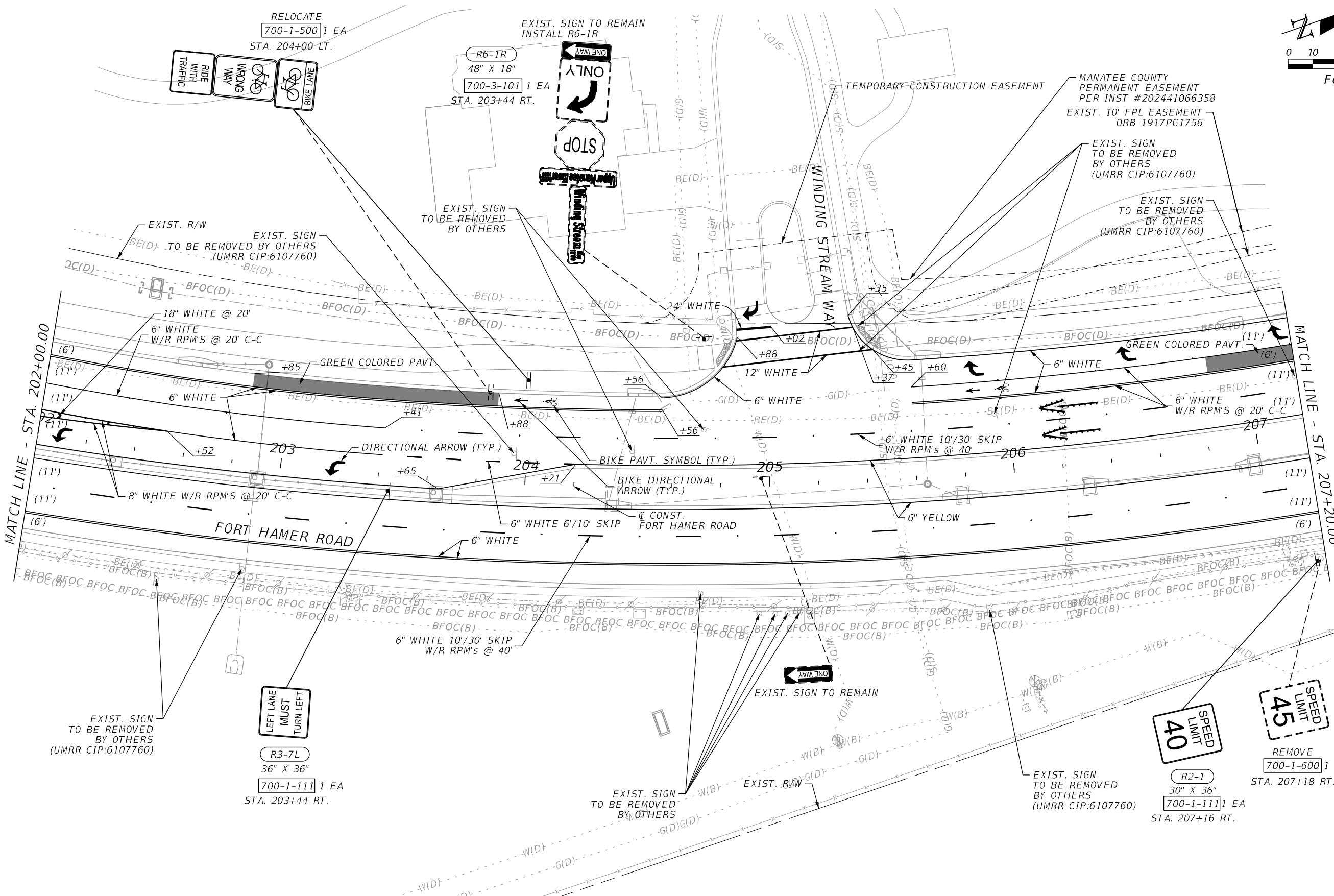
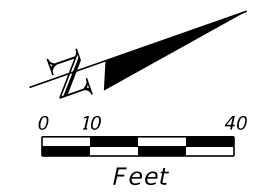
BEGIN SIGNING AND PAVEMENT MARKINGS
CONST. FORT HAMER ROAD
STA. 199+40.00
MATCH EXIST.



REVISIONS				ENGINEER OF RECORD	MANATEE COUNTY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	FORT HAMER	MANATEE	452856-1-34-01	S-6

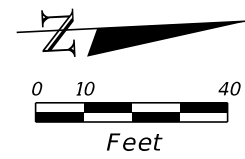
SIGNING AND PAVEMENT MARKING PLAN (01)

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



REVISIONS		REVISIONS		ENGINEER OF RECORD	MANATEE COUNTY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	FORT HAMER	MANATEE	452856-1-34-01	SIGNING AND PAVEMENT MARKING PLAN (02) S-7

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

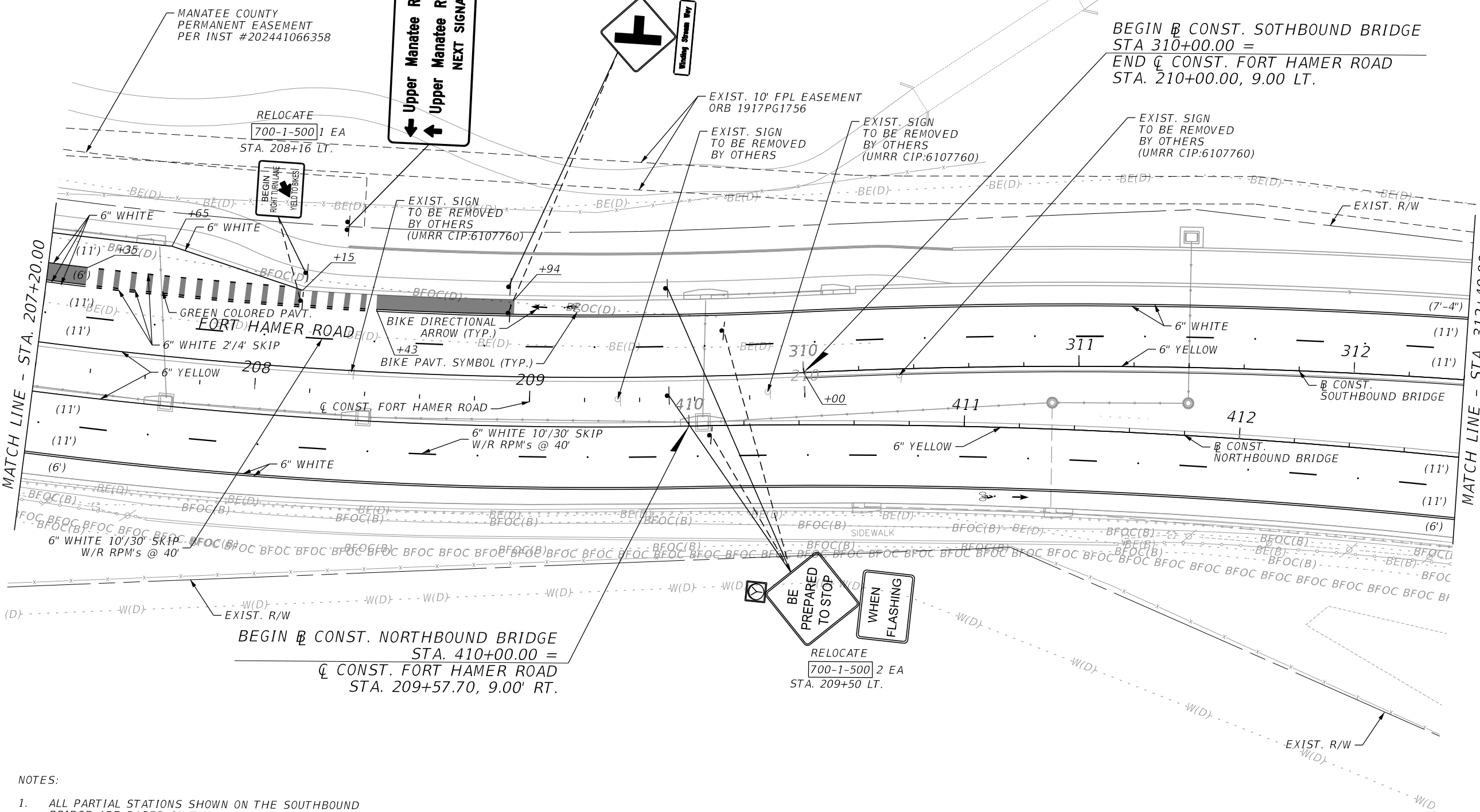


RELOCATED FROM STA. 415+28 LT
 EX-01
 700-2-500 1 EA
 STA. 208+30 LT.

RELOCATE
 700-1-500 1 EA
 STA. 208+92 LT

Upper Manatee River Rd
 Upper Manatee River Rd NE
 NEXT SIGNAL

BEGIN $\&$ CONST. SOUTHBOUND BRIDGE
 STA 310+00.00 =
 END $\&$ CONST. FORT HAMER ROAD
 STA. 210+00.00, 9.00 LT.



BEGIN $\&$ CONST. NORTHBOUND BRIDGE
 STA. 410+00.00 =
 $\&$ CONST. FORT HAMER ROAD
 STA. 209+57.70, 9.00' RT.

RELOCATE
 700-1-500 2 EA
 STA. 209+50 LT.

NOTES:

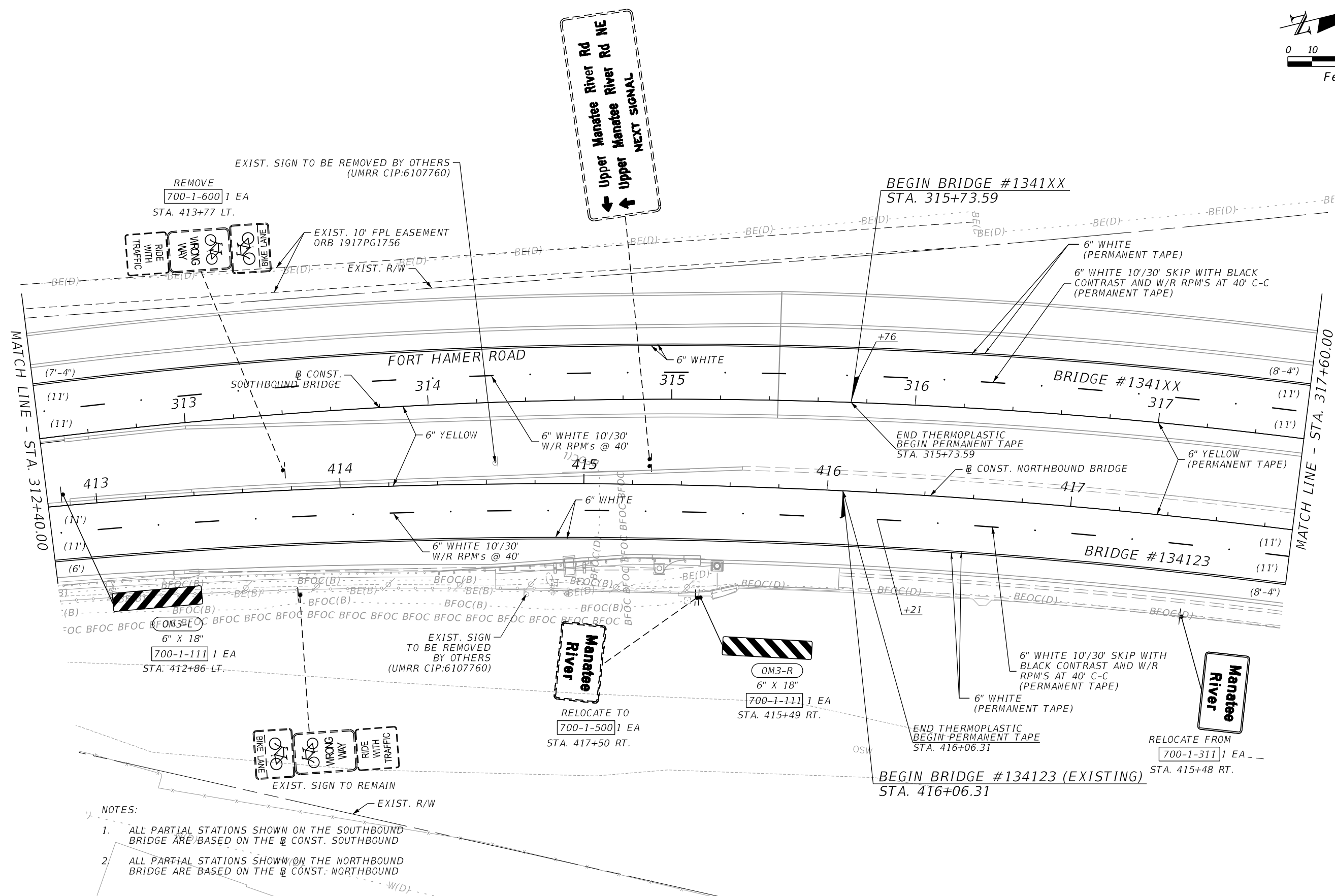
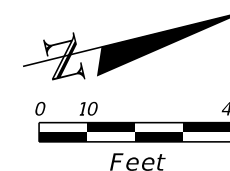
1. ALL PARTIAL STATIONS SHOWN ON THE SOUTHBOUND BRIDGE ARE BASED ON THE $\&$ CONST. SOUTHBOUND
2. ALL PARTIAL STATIONS SHOWN ON THE NORTHBOUND BRIDGE ARE BASED ON THE $\&$ CONST. NORTHBOUND

REVISIONS				ENGINEER OF RECORD		MANATEE COUNTY CIP No. 6118061			SHEET NO. S-8
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						FORT HAMER	MANATEE	452856-1-34-01	

**SIGNING AND
 PAVEMENT MARKING
 PLAN (03)**

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

EXIST. SIGN TO BE RELOCATED TO STA. 208+31 LT



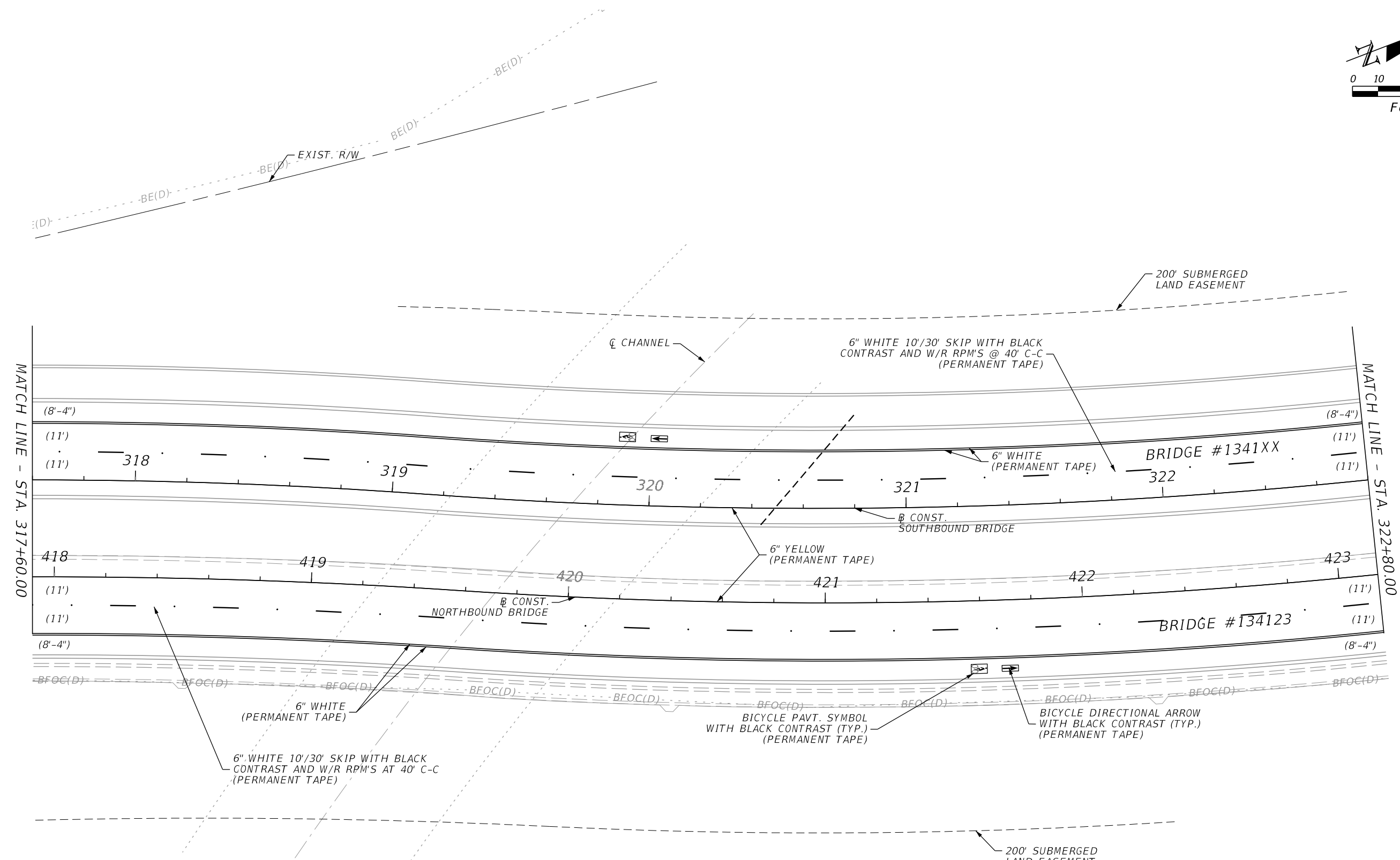
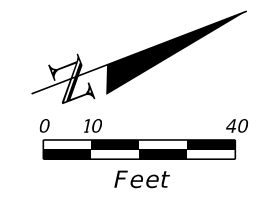
- NOTES:
1. ALL PARTIAL STATIONS SHOWN ON THE SOUTHBOUND BRIDGE ARE BASED ON THE CONST. SOUTHBOUND
 2. ALL PARTIAL STATIONS SHOWN ON THE NORTHBOUND BRIDGE ARE BASED ON THE CONST. NORTHBOUND

REVISIONS				ENGINEER OF RECORD			MANATEE COUNTY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							FORT HAMER	MANATEE	452856-1-34-01	

SIGNING AND PAVEMENT MARKING PLAN (04)

SHEET NO. S-9

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

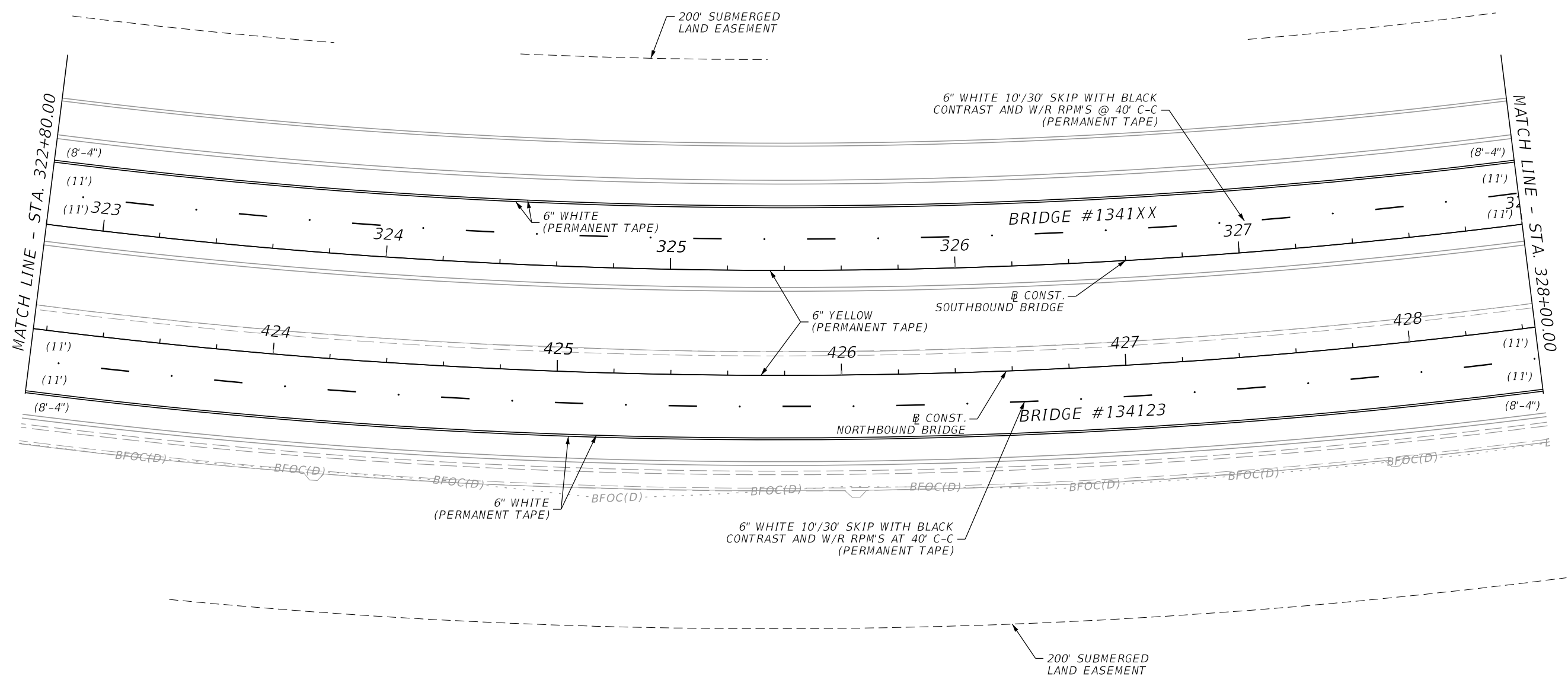
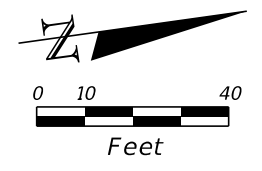


MATCH LINE - STA. 317+60.00

MATCH LINE - STA. 322+80.00

REVISIONS				ENGINEER OF RECORD			MANATEE COUNTY			SIGNING AND PAVEMENT MARKING PLAN (05)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							FORT HAMER	MANATEE	452856-1-34-01		S-10

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

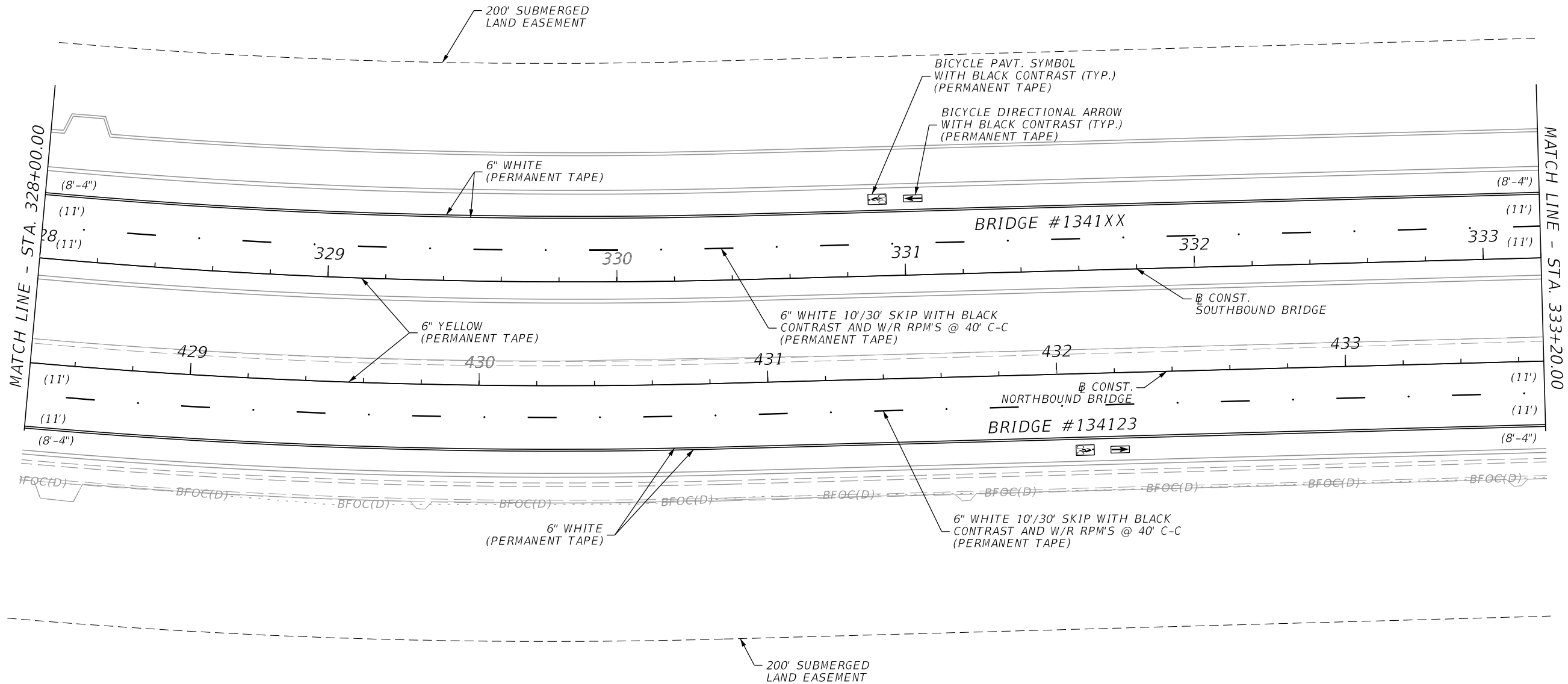
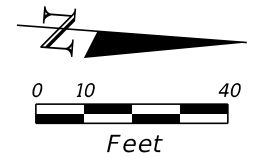


REVISIONS				ENGINEER OF RECORD		MANATEE COUNTY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						FORT HAMER	MANATEE	452856-1-34-01	

**SIGNING AND
PAVEMENT MARKING
PLAN (06)**

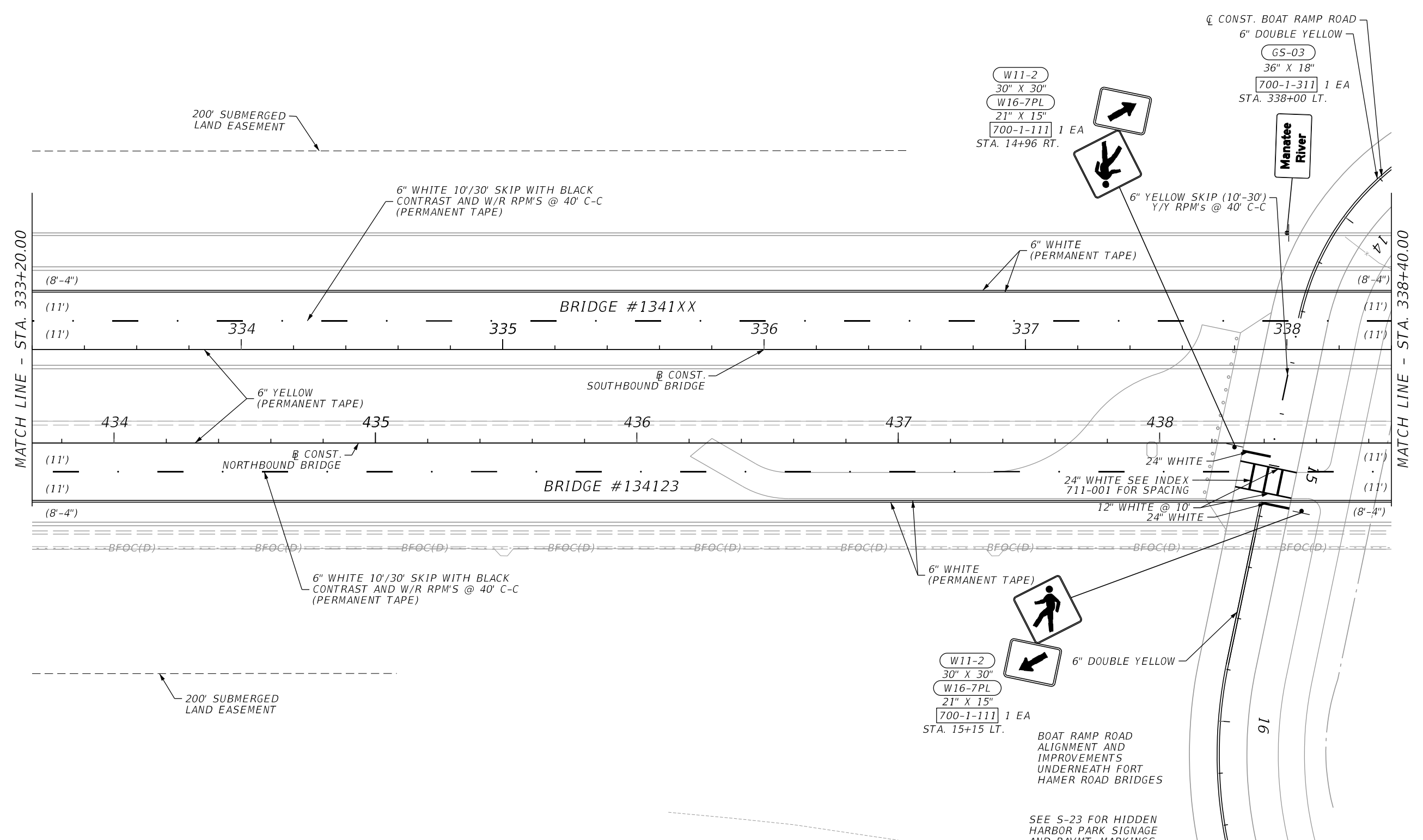
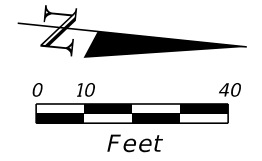
S-11

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



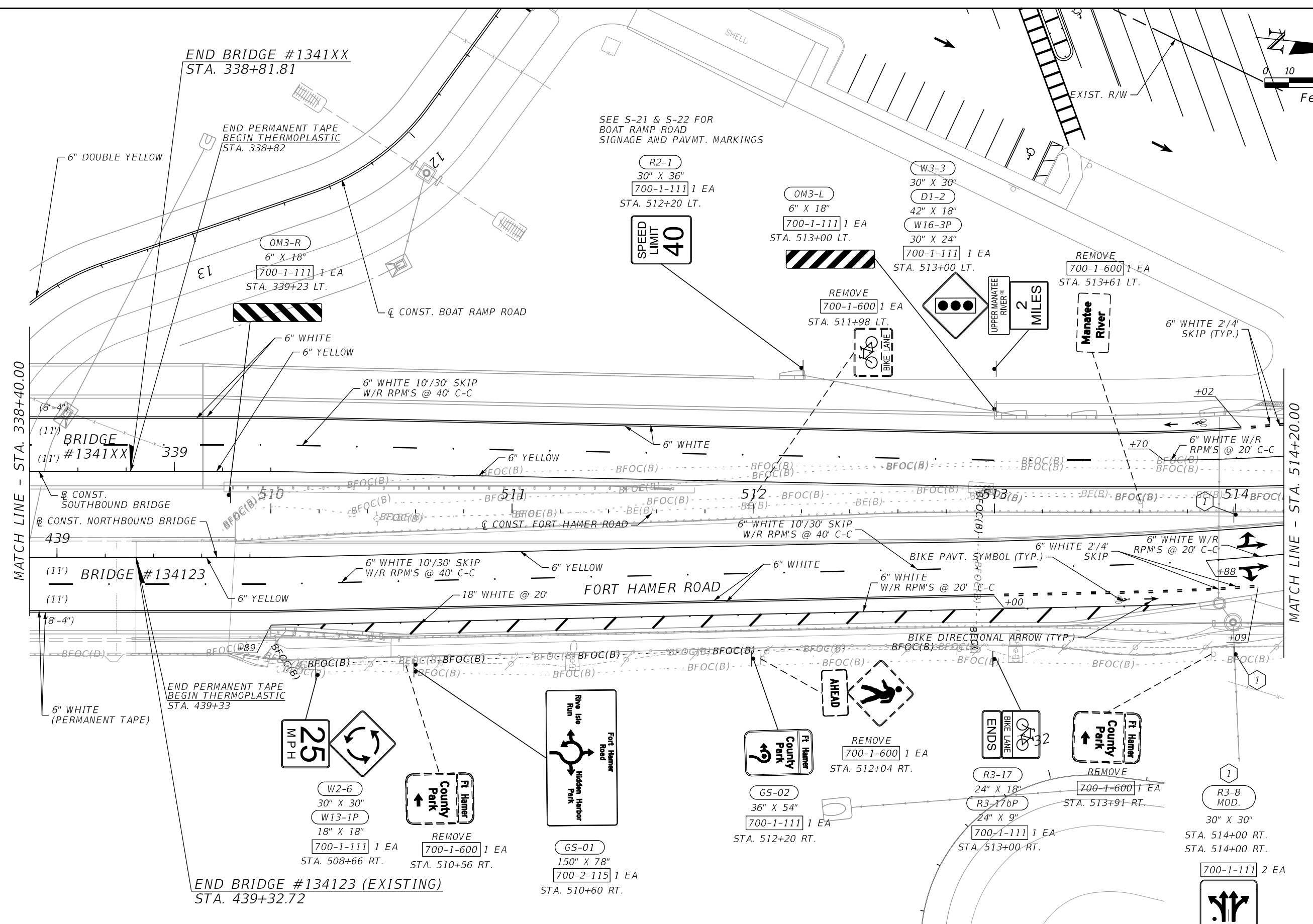
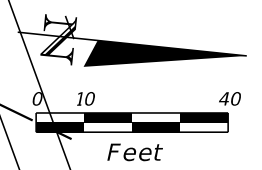
REVISIONS				ENGINEER OF RECORD		MANATEE COUNTY			SIGNING AND PAVEMENT MARKING PLAN (07)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						FORT HAMER	MANATEE	452856-1-34-01		S-12

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			SIGNING AND PAVEMENT MARKING PLAN (08)	SHEET NO. S-13
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						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.

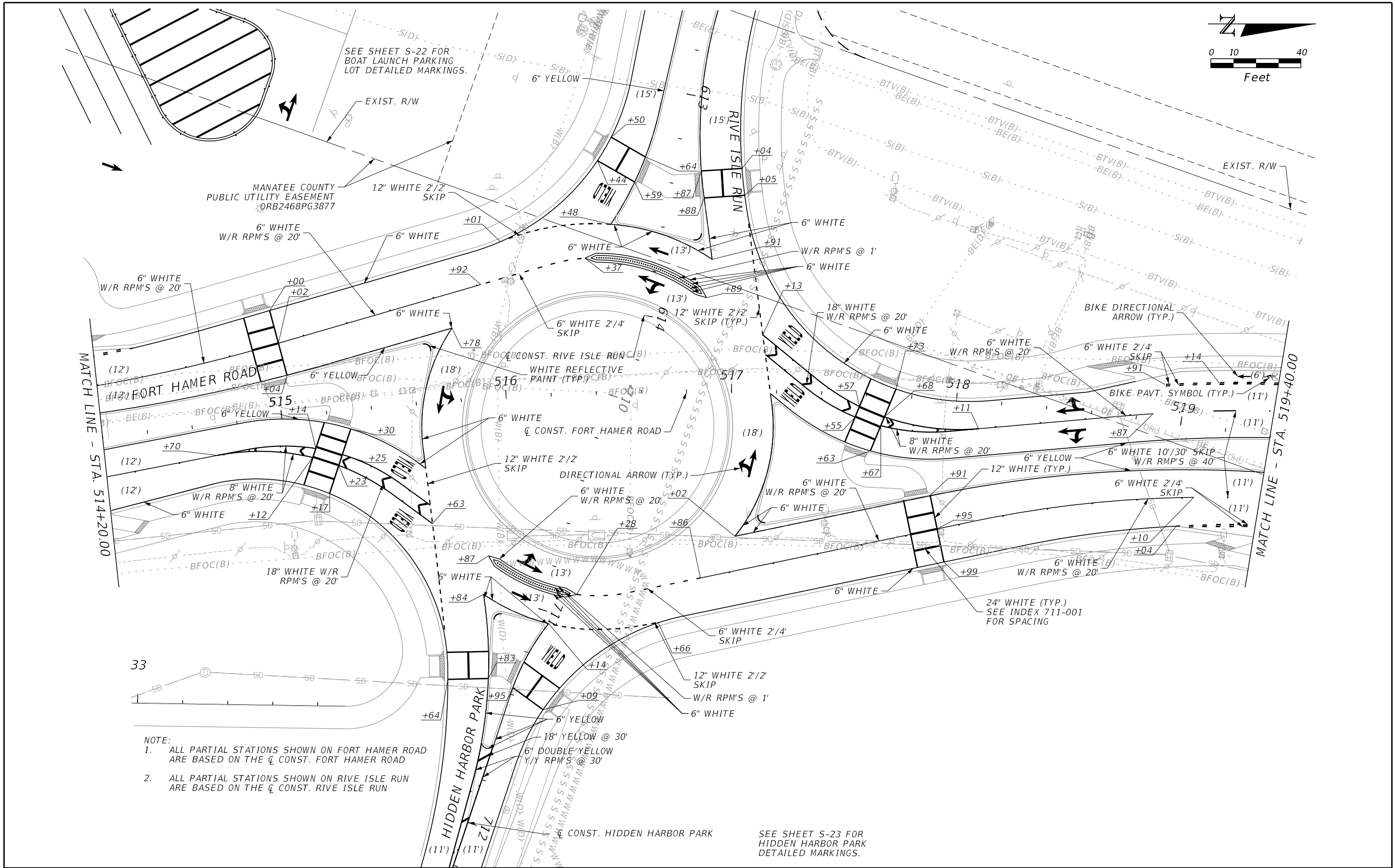
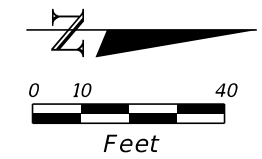


MATCH LINE - STA. 338+40.00

MATCH LINE - STA. 514+20.00

REVISIONS		REVISIONS		ENGINEER OF RECORD		MANATEE COUNTY			SIGNING AND PAVEMENT MARKING PLAN (09)	SHEET NO. S-14
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						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.

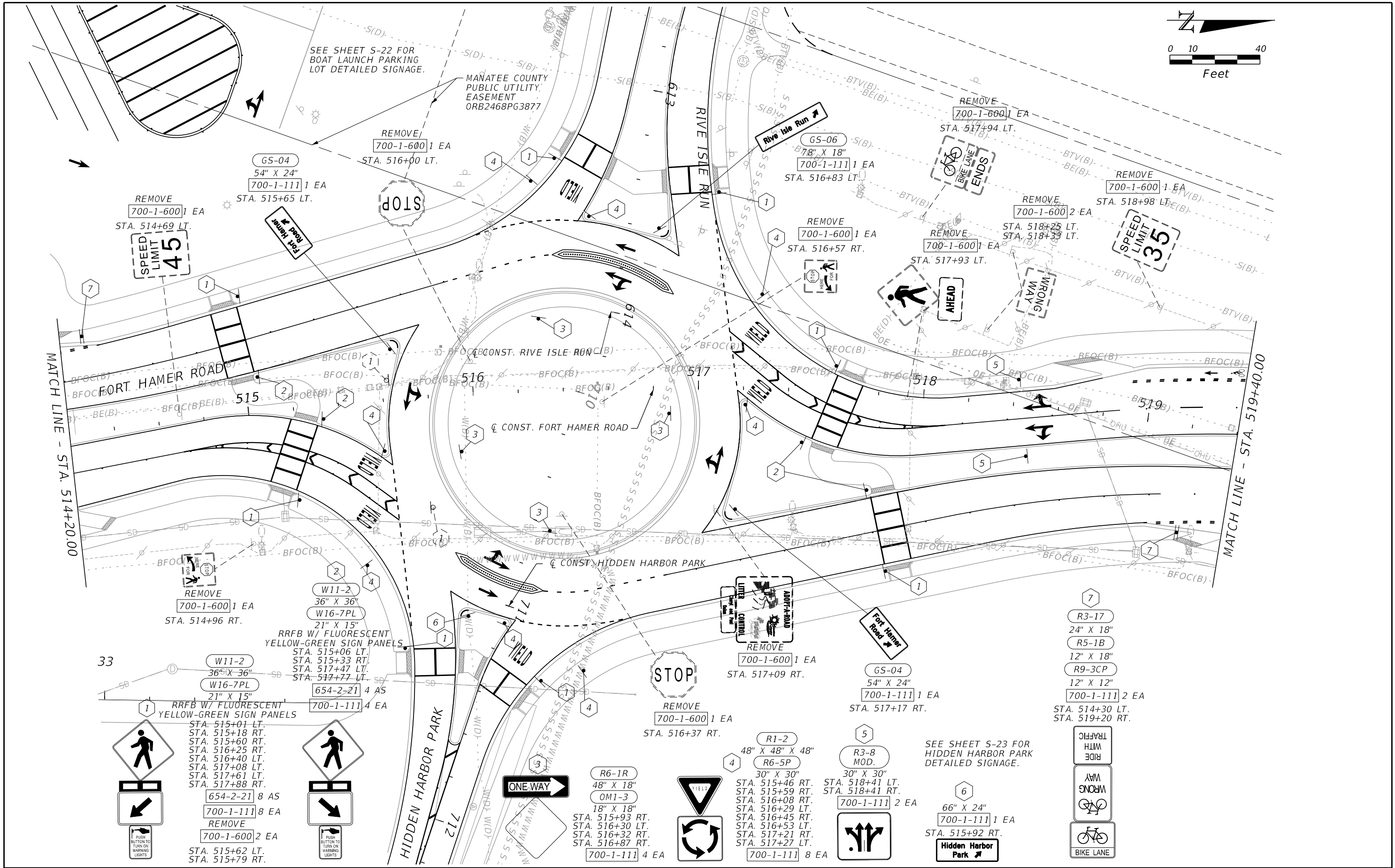
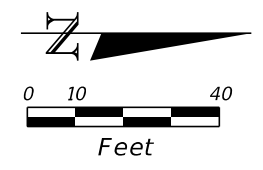


- NOTE:
1. ALL PARTIAL STATIONS SHOWN ON FORT HAMER ROAD ARE BASED ON THE \bar{C} CONST. FORT HAMER ROAD
 2. ALL PARTIAL STATIONS SHOWN ON RIVE ISLE RUN ARE BASED ON THE \bar{C} CONST. RIVE ISLE RUN

SEE SHEET S-23 FOR HIDDEN HARBOR PARK DETAILED MARKINGS.

REVISIONS		ENGINEER OF RECORD		MANATEE COUNTY			SIGNING AND PAVEMENT MARKING PLAN (10A)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	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

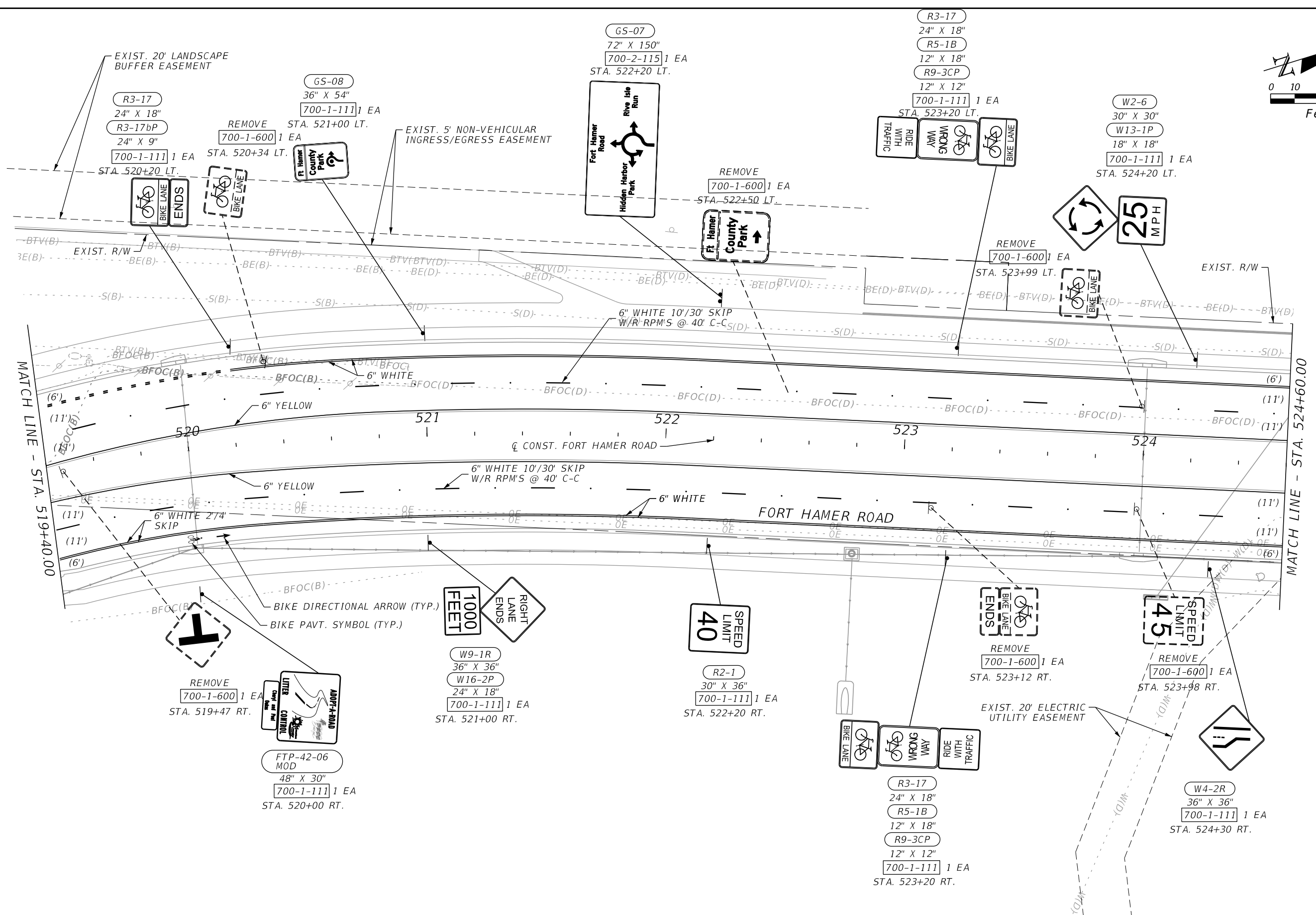
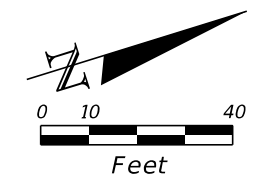
ENGINEER OF RECORD
 ANDREW J. STASTNY, P.E.
 LICENSE NUMBER: 80236
 KIMLEY-HORN AND ASSOCIATES, INC.
 201 N FRANKLIN STREET, SUITE 1400
 TAMPA, FL 33602

MANATEE COUNTY CIP No. 6118061		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
FORT HAMER	MANATEE	452856-1-34-01

SIGNING AND PAVEMENT MARKING PLAN (10B)

SHEET NO.
S-16

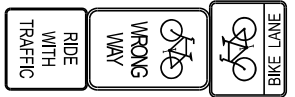
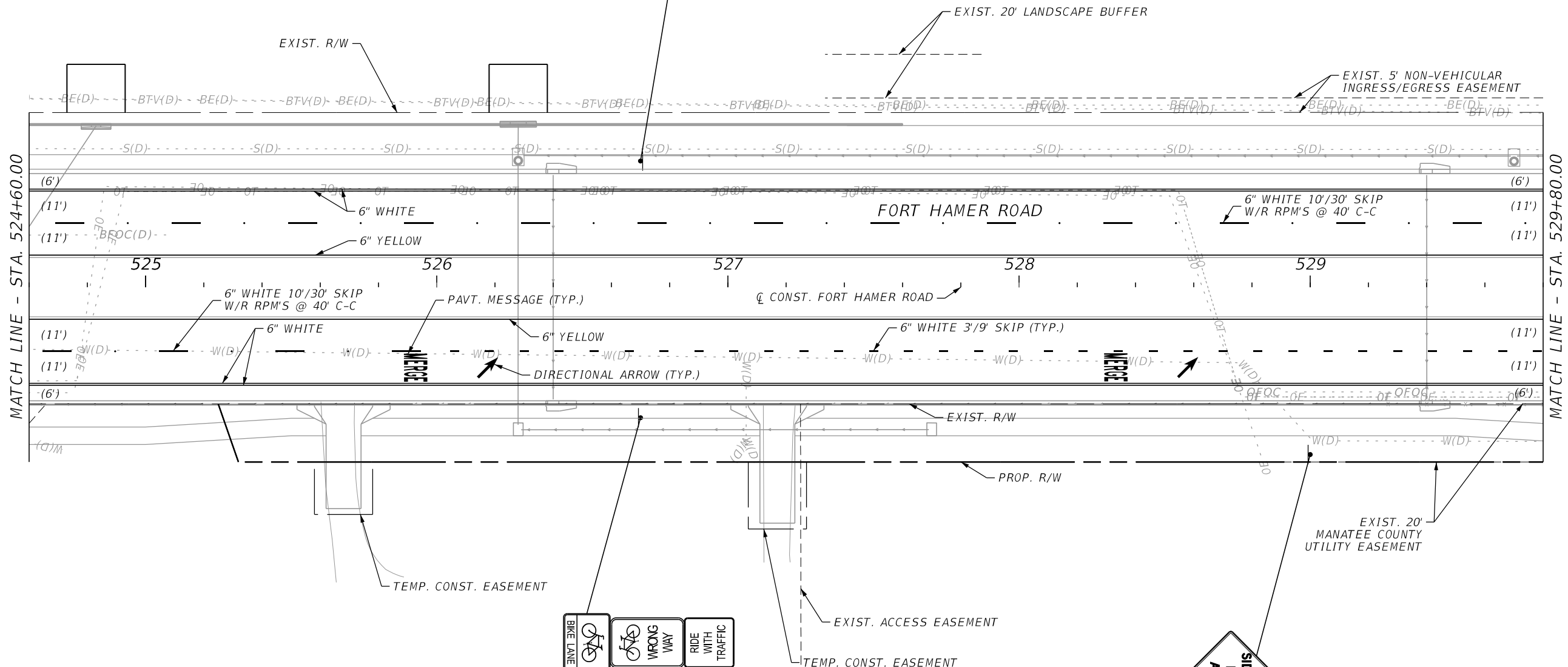
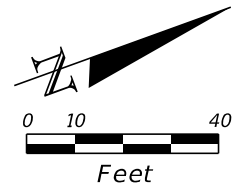
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



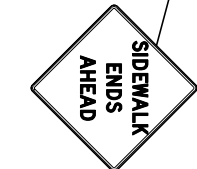
REVISIONS				ENGINEER OF RECORD		MANATEE COUNTY CIP No. 6118061			SIGNING AND PAVEMENT MARKING PLAN (11)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						FORT HAMER	MANATEE	452856-1-34-01		S-17

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

- R3-17
24" X 18"
- R5-1B
12" X 18"
- R9-3CP
12" X 12"
- 700-1-111 1 EA
STA. 526+70 LT.



- R3-17
24" X 18"
- R5-1B
12" X 18"
- R9-3CP
12" X 12"
- 700-1-111 1 EA
STA. 526+70 RT.

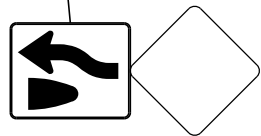
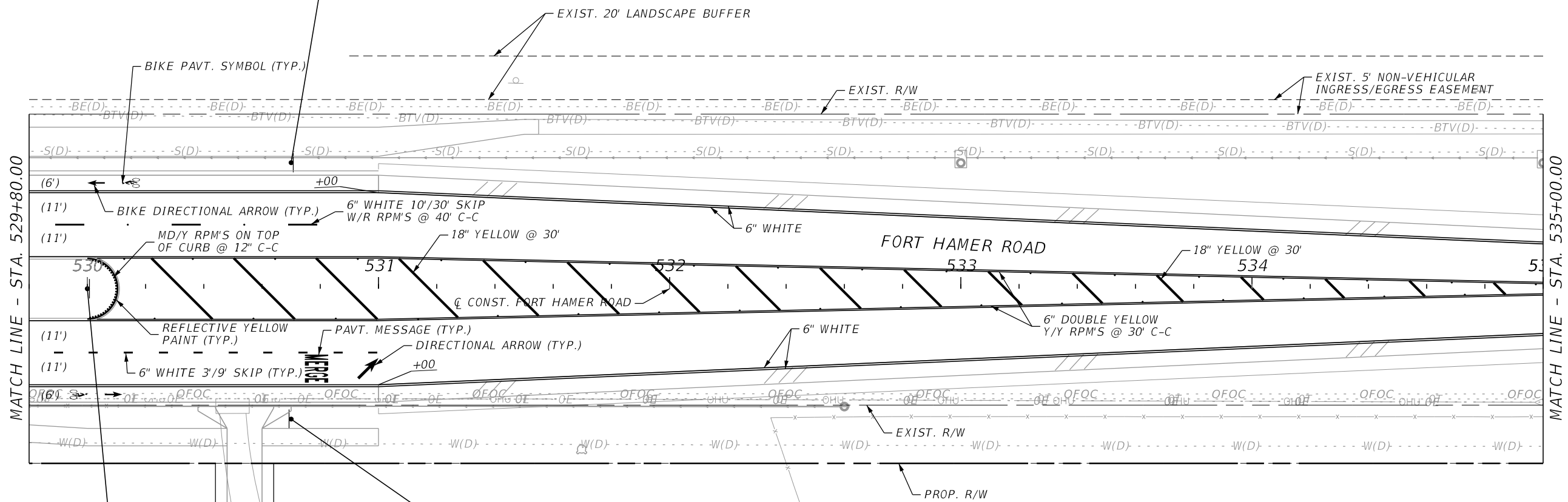
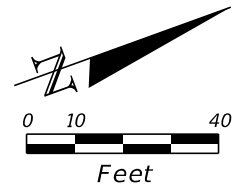


- G5-09
48" X 48"
- W16-6P
21" X 15"
- 700-1-111 1 EA
STA. 529+00 RT.

REVISIONS				ENGINEER OF RECORD		MANATEE COUNTY			SIGNING AND PAVEMENT MARKING PLAN (12)	SHEET NO. S-18
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						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.

R3-17
24" X 18"
R5-1B
12" X 18"
R9-3CP
12" X 12"
700-1-111 1 EA
STA. 530+70 LT.



R4-7
24" X 30"
OM1-3
24" X 24"
700-1-111 1 EA
STA. 530+00 RT.

TEMP. CONST. EASEMENT

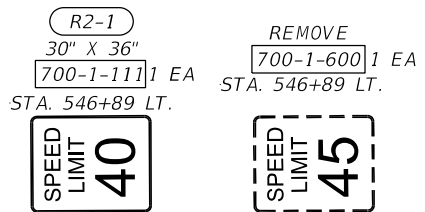
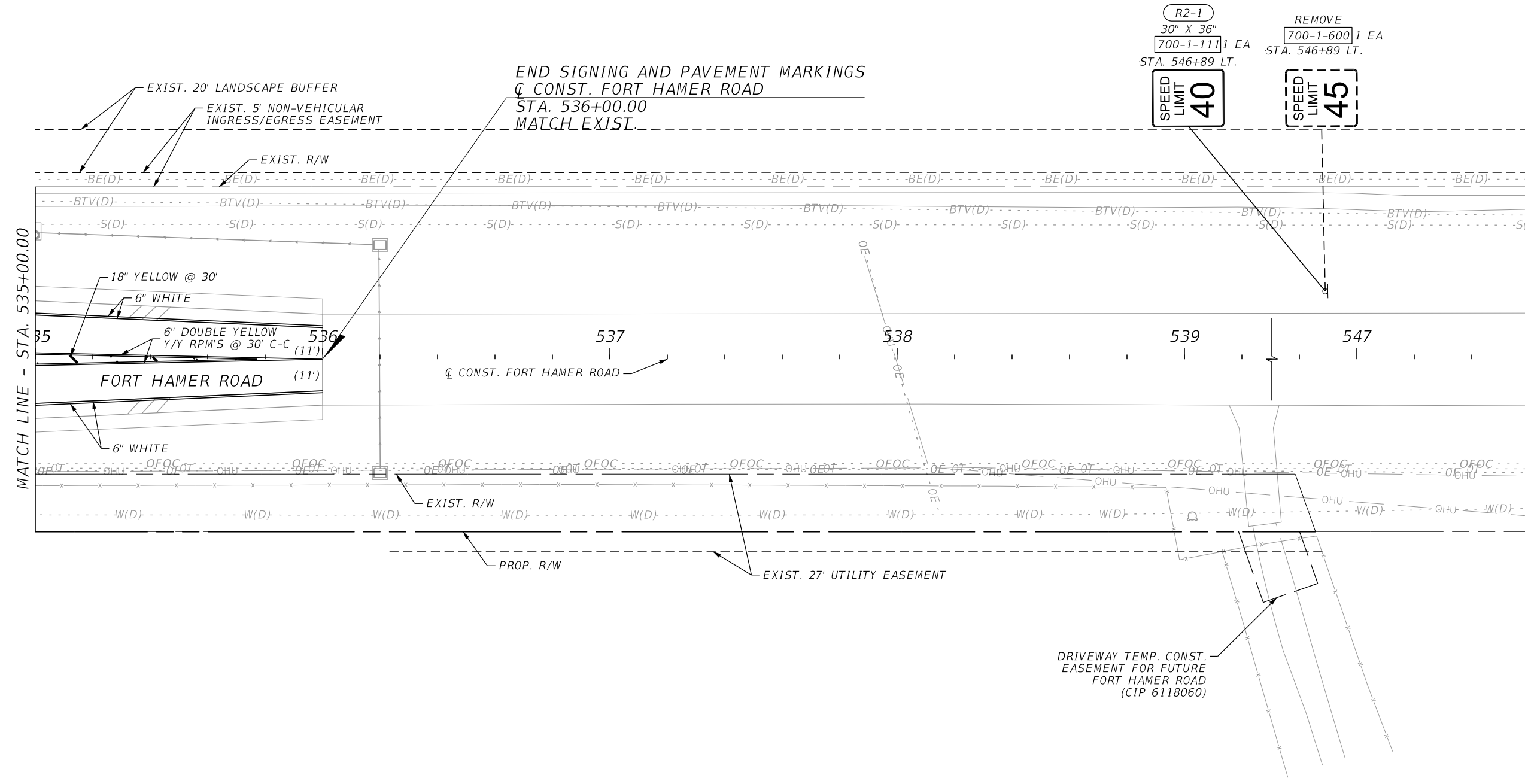
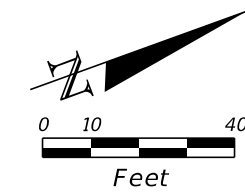


R3-17
24" X 18"
R5-1B
12" X 18"
R9-3CP
12" X 12"
700-1-111 1 EA
STA. 530+70 RT.

REVISIONS				ENGINEER OF RECORD		MANATEE COUNTY CIP No. 6118061			SHEET NO. S-19
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		ROAD NO. FORT HAMER	COUNTY MANATEE	FINANCIAL PROJECT ID 452856-1-34-01	

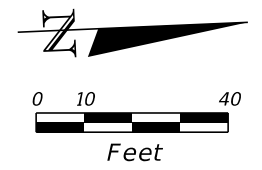
**SIGNING AND
PAVEMENT MARKING
PLAN (13)**

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			SIGNING AND PAVEMENT MARKING PLAN (14)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-20
						FORT HAMER	MANATEE	452856-1-34-01		

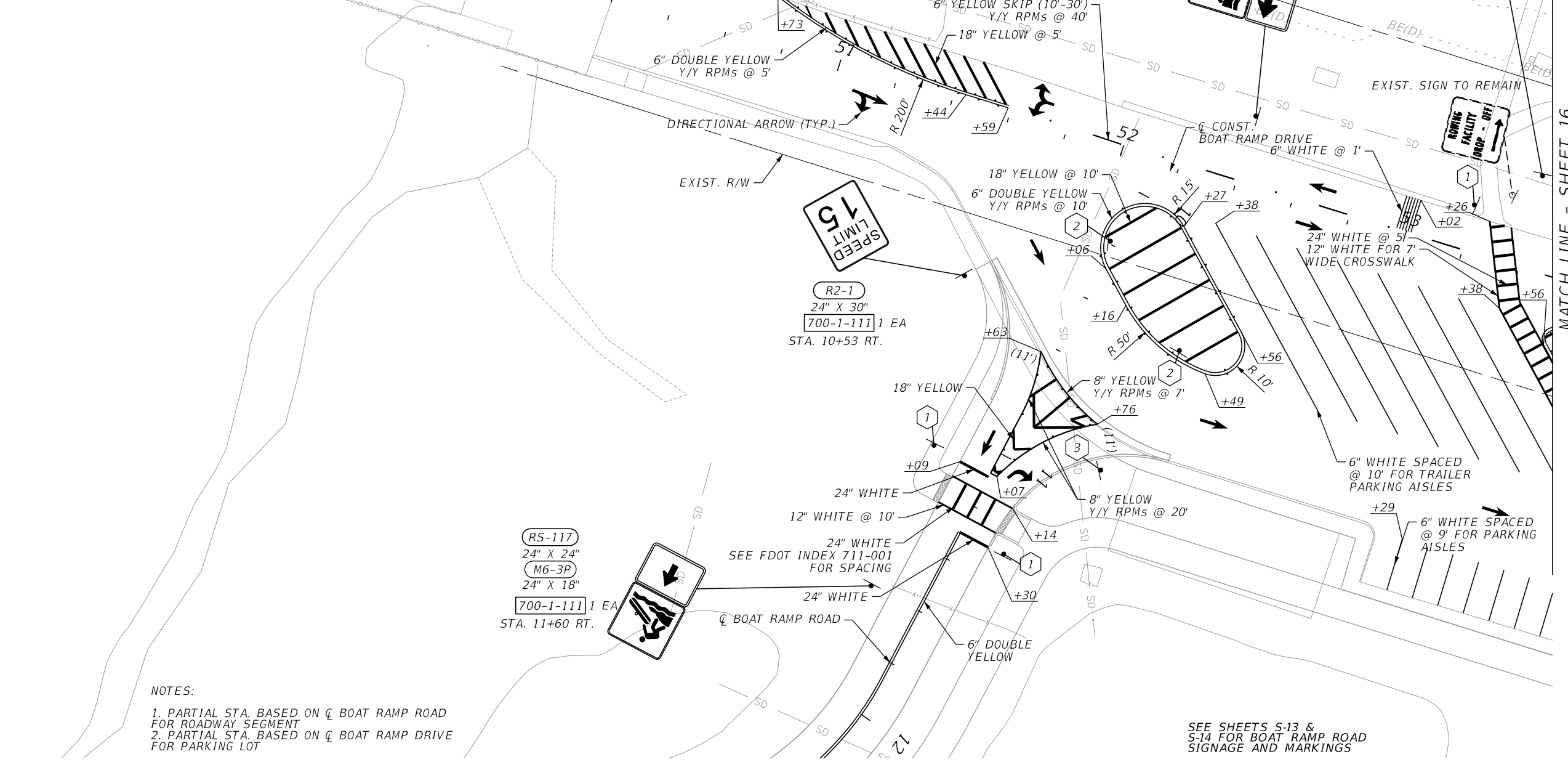
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



- 1

 W11-2
 36" X 36"
 W16-7PL
 21" X 15"
 700-1-111 3 EA
 STA. 11+30 LT.
 STA. 11+08 RT.
 STA. 53+19 LT.
 700-1-600 1 EA
 STA. 53+19 LT.
- 2
 ONE WAY
 R6-1R
 36" X 18"
 700-1-111 2 EA
 STA. 10+41 LT.
 STA. 10+19 RT.
- 3

 R1-2
 36" X 36" X 36"
 700-1-111 1 EA
 STA. 10+89 LT.



NOTES:
 1. PARTIAL STA. BASED ON ϕ BOAT RAMP ROAD FOR ROADWAY SEGMENT
 2. PARTIAL STA. BASED ON ϕ BOAT RAMP DRIVE FOR PARKING LOT

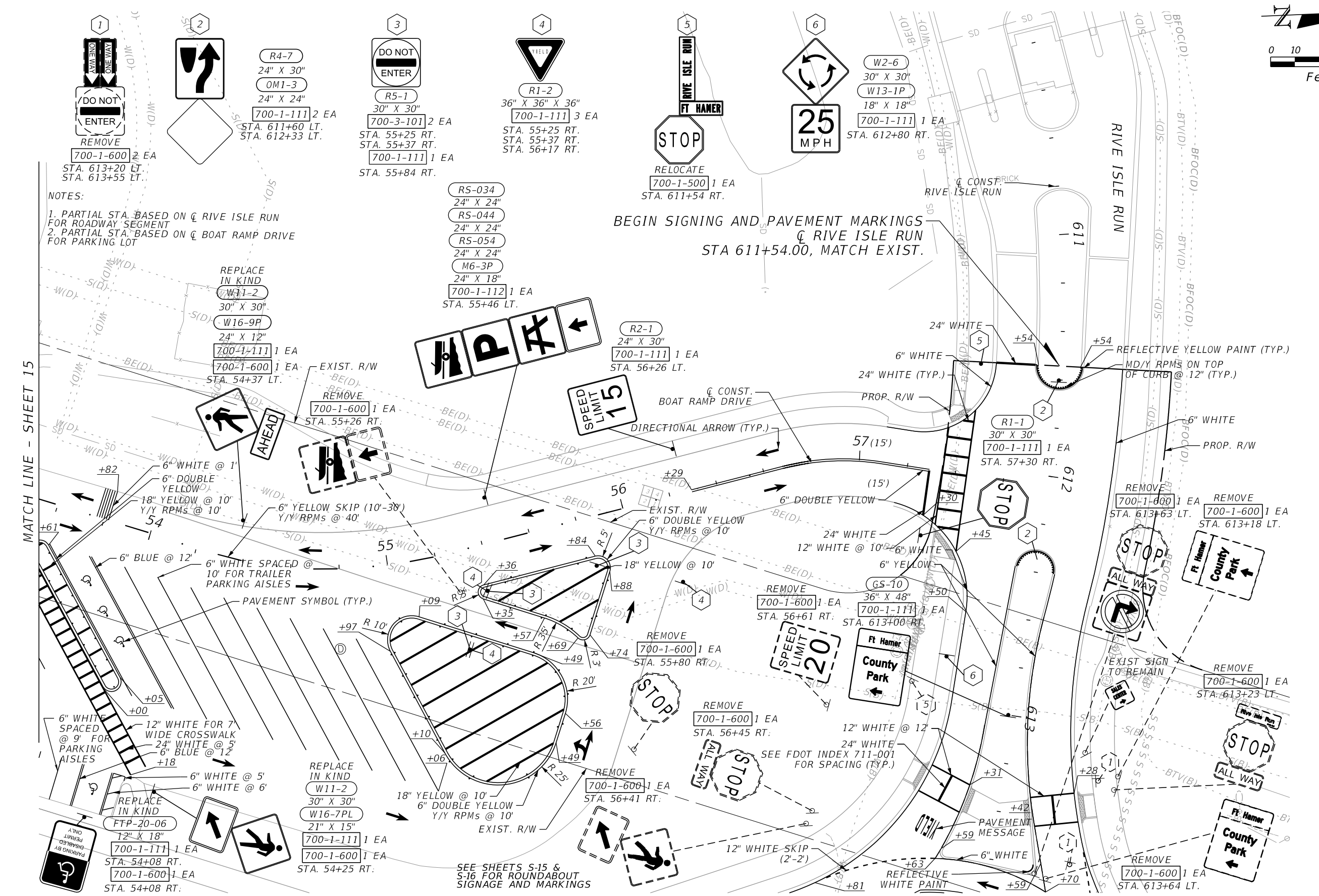
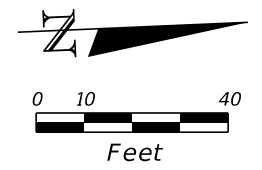
SEE SHEETS S-13 & S-14 FOR BOAT RAMP ROAD SIGNAGE AND MARKINGS

BOAT RAMP ROAD

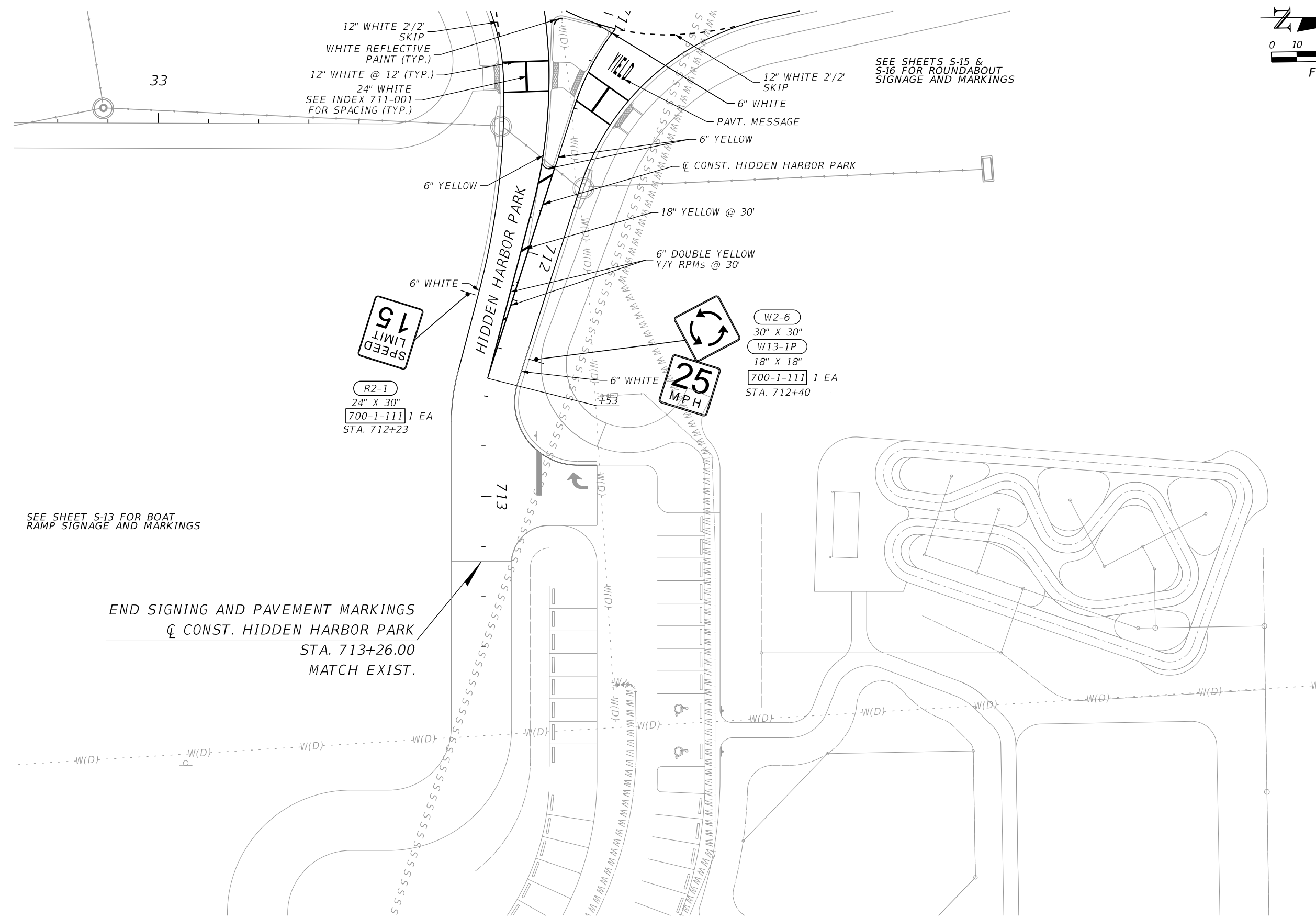
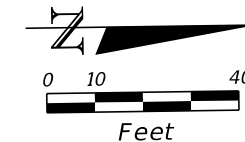
REVISIONS		ENGINEER OF RECORD		MANATEE COUNTY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
			ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	FORT HAMER	MANATEE	452856-1-34-01	S-21

SIGNING AND PAVEMENT MARKING PLAN (15)

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



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



SEE SHEET S-13 FOR BOAT RAMP SIGNAGE AND MARKINGS

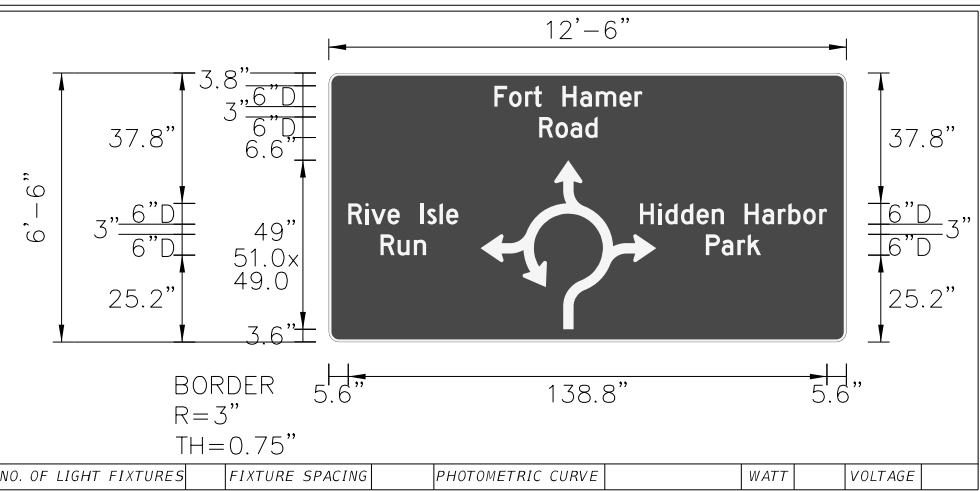
END SIGNING AND PAVEMENT MARKINGS
 CL CONST. HIDDEN HARBOR PARK
 STA. 713+26.00
 MATCH EXIST.

HIDDEN HARBOR PARK

REVISIONS				ENGINEER OF RECORD			MANATEE COUNTY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CIP No. 6118061			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602						
SIGNING AND PAVEMENT MARKING PLAN (17)										S-23

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

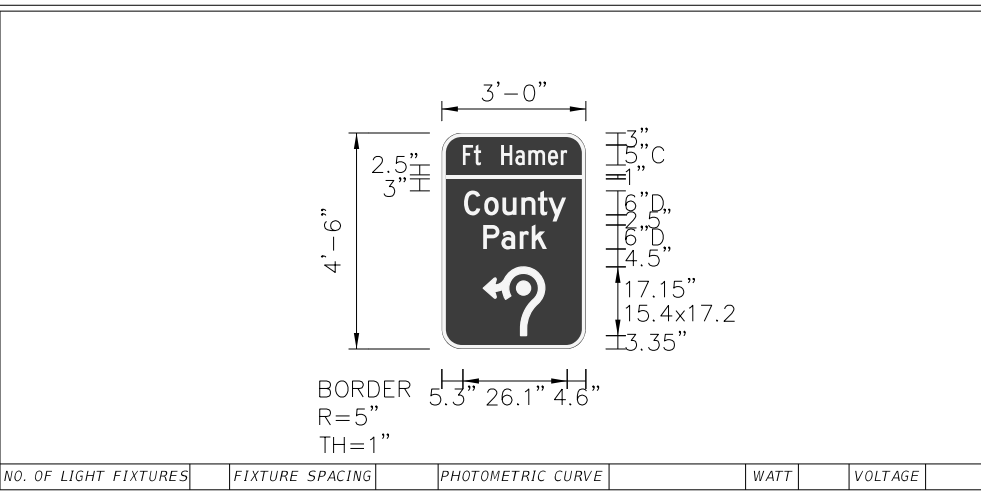
SIGN NAME	GS-01	QTY	1	SIGN NUMBER		STATION(S)	
PANEL		BORDER				510+60	
WIDTH	12'-6"	WIDTH	0.75"				
HEIGHT	6'-6"	RADII	3"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
AR_ROUNDABOUT	0	43.9	3.7	49	51		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH			
GS-01	2	10	W8X18	15.8			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	F	o	r	t	H	a	m	e	r	L				
SPACE	48	52.2	56.9	59.3	61.7	67.7	72.8	77.4	84.2	88.6	42.9			
COPY	R	o	a	d	L									
SPACE	60.9	65.7	70	74.3	17									
COPY	R	i	v	e	I	s	l	e	L					
SPACE	5.6	10.6	12.3	17	20.5	26.5	28.5	32.1	34	31.9				
COPY	H	i	d	d	e	n	H	a	r	b	o	r	L	
SPACE	90.2	95.6	97.5	102	106.6	111	114.5	120.5	125.6	130.2	133.2	137.5	142.1	54.2
COPY	R	u	n	L										
SPACE	15	19.9	24.6	13.2										
COPY	P	a	r	k	L									
SPACE	109.3	113.9	118.4	121.4	16									

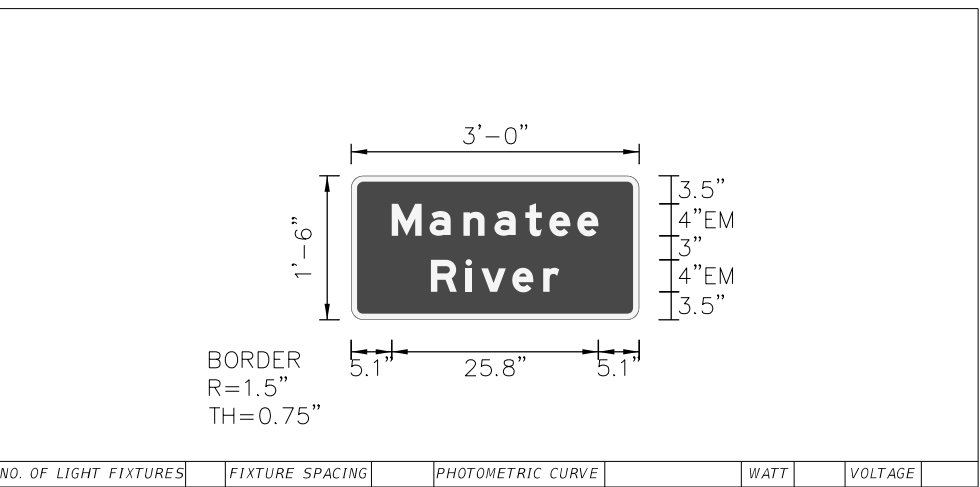
SIGN NAME	GS-02	QTY	1	SIGN NUMBER		STATION(S)	
PANEL		BORDER				512+20	
WIDTH	3'-0"	WIDTH	1"				
HEIGHT	4'-6"	RADII	5"				
LEGEND	White	COLOR	White				
COLOR	Brown						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
Park RAB Ar	0	10.4	3.3	15.4	17.2		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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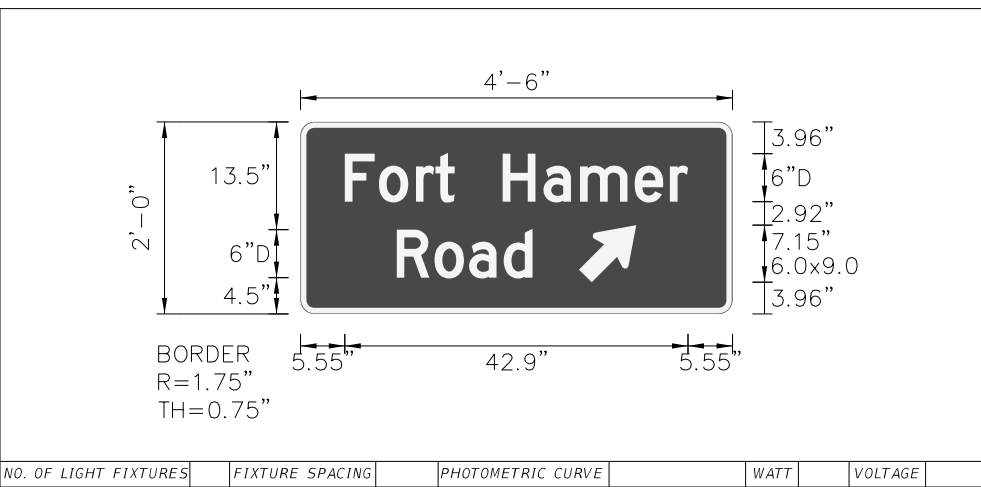
COPY	F	t	H	a	m	e	r	L	
SPACE	5.3	8	9.8	14.8	18.4	21.6	26.5	29.7	26.1
COPY	C	o	u	n	t	y	L		
SPACE	5.6	10.6	15.2	19.9	24	26.6	25.6		
COPY	P	a	r	k	L				
SPACE	10.4	14.9	19.5	22.5	16				

SIGN NAME	GS-03	QTY	1	SIGN NUMBER		STATION(S)	
PANEL		BORDER				338+00	
WIDTH	3'-0"	WIDTH	0.75"				
HEIGHT	1'-6"	RADII	1.5"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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SIGN NAME	GS-04	QTY	1	SIGN NUMBER		STATION(S)	
PANEL		BORDER				515+65	
WIDTH	4'-6"	WIDTH	0.75"			517+17	
HEIGHT	2'-0"	RADII	1.75"				
LEGEND	White	COLOR	White				
COLOR	Green						
SYMBOL(S)	ANGLE	X	Y	WID	HT		
AR_Type D	315	34.8	4	6	9		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH			



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	M	a	n	a	t	e	e	L
SPACE	5.1	9.8	14	17.9	21.8	24.8	28.3	25.8
COPY	R	i	v	e	r	L		
SPACE	10	14.3	16.3	20.1	24	16		

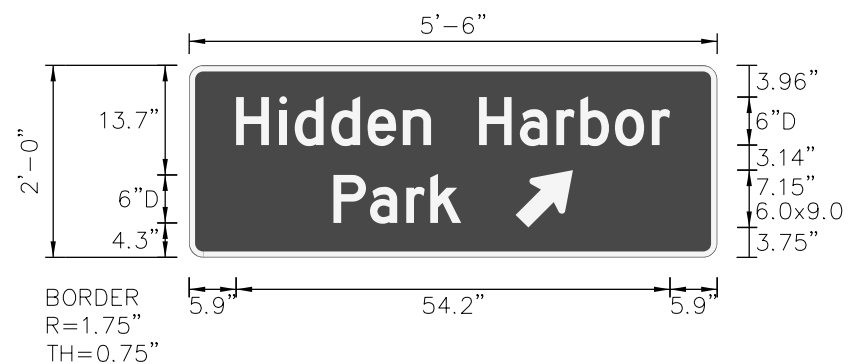
COPY	F	o	r	t	H	a	m	e	r	L	
SPACE	5.6	9.8	14.4	16.9	19.3	25.3	30.4	35	41.8	46.2	42.9
COPY	R	o	a	d	L						
SPACE	12	16.8	21.1	25.4	17						

REVISIONS		ENGINEER OF RECORD		MANATEE COUNTY		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CIP No. 6118061		
				ROAD NO.	FINANCIAL PROJECT ID	
				FORT HAMER	452856-1-34-01	GUIDE SIGN WORKSHEET (01)
				MANATEE		

ANDREW J. STASTNY, P.E.
 LICENSE NUMBER: 80236
 KIMLEY-HORN AND ASSOCIATES, INC
 201 N FRANKLIN STREET, SUITE 1400
 TAMPA, FL 33602

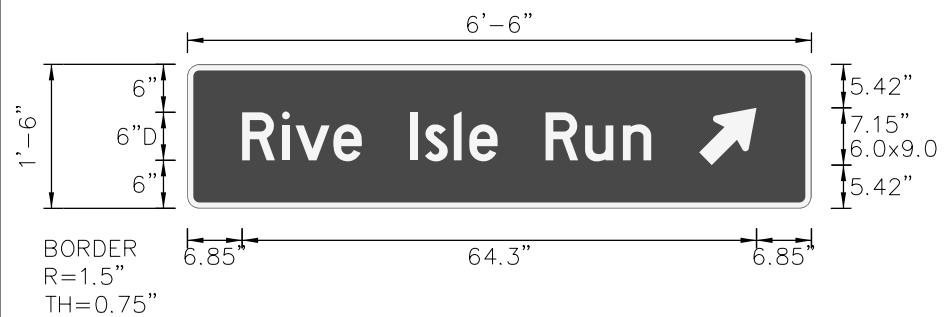
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SIGN NAME	GS-05	QTY	1	SIGN NUMBER	STATION(S)
PANEL	BORDER				515+92
WIDTH	5'-6"	WIDTH	0.75"		
HEIGHT	2'-0"	RADII	1.75"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_Type D	315	40.8	3.8	6	9
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH	



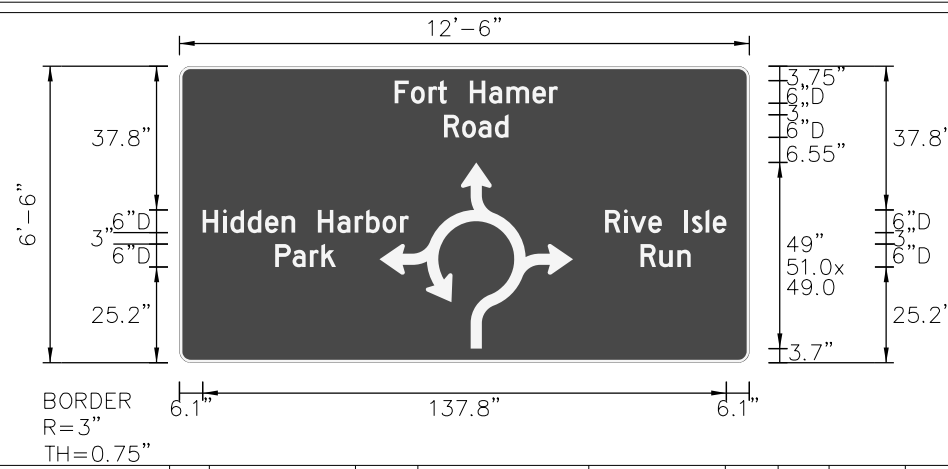
COPY	H	I	d	d	e	n	H	a	r	b	o	r	L	
SPACE	5.9	11.3	13.2	17.8	22.3	26.7	30.2	36.2	41.3	45.9	48.9	53.2	57.8	54.2
COPY	P	a	r	k	L									
SPACE	18	22.6	27.1	30.1	16									
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														

SIGN NAME	GS-06	QTY	1	SIGN NUMBER	STATION(S)
PANEL	BORDER				516+83
WIDTH	6'-6"	WIDTH	0.75"		
HEIGHT	1'-6"	RADII	1.5"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_Type D	315	64	5.4	6	9
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH	



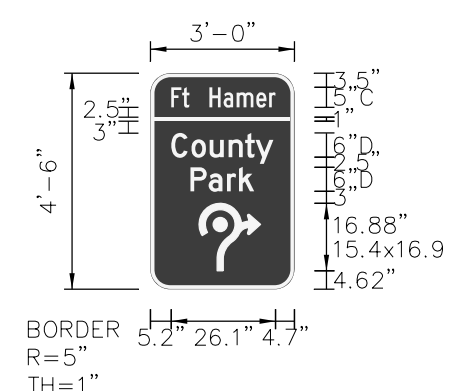
COPY	R	i	v	e	I	s	l	e	R	u	n	L		
SPACE	6.9	11.8	13.5	18.3	21.8	27.8	29.7	33.3	35.2	38.8	44.8	49.7	54.4	51.1
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														

SIGN NAME	GS-07	QTY	1	SIGN NUMBER	STATION(S)
PANEL	BORDER				522+20
WIDTH	12'-6"	WIDTH	0.75"		
HEIGHT	6'-6"	RADII	3"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_ROUNDABOUT	0	52.6	3.7	49	51
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH	
GS-07	2	20.5	W6X12	13.1'	



COPY	F	o	r	t	H	a	m	e	r	L				
SPACE	56.7	60.9	65.5	68	70.4	76.4	81.5	86.1	92.9	97.3	42.9			
COPY	R	o	a	d	L									
SPACE	69.6	74.4	78.7	83	17									
COPY	H	i	d	d	e	n	H	a	r	b	o	r	L	
SPACE	6.1	11.5	13.4	18	22.5	26.9	30.4	36.4	41.5	46.1	49.1	53.4	58	54.2
COPY	R	i	v	e	I	s	l	e	L					
SPACE	112	117	118.7	123.4	126.9	132.9	134.9	138.5	140.4	31.9				
COPY	P	a	r	k	L									
SPACE	25.2	29.8	34.3	37.3	16									
COPY	R	u	n	L										
SPACE	121.4	126.3	131	13.2										

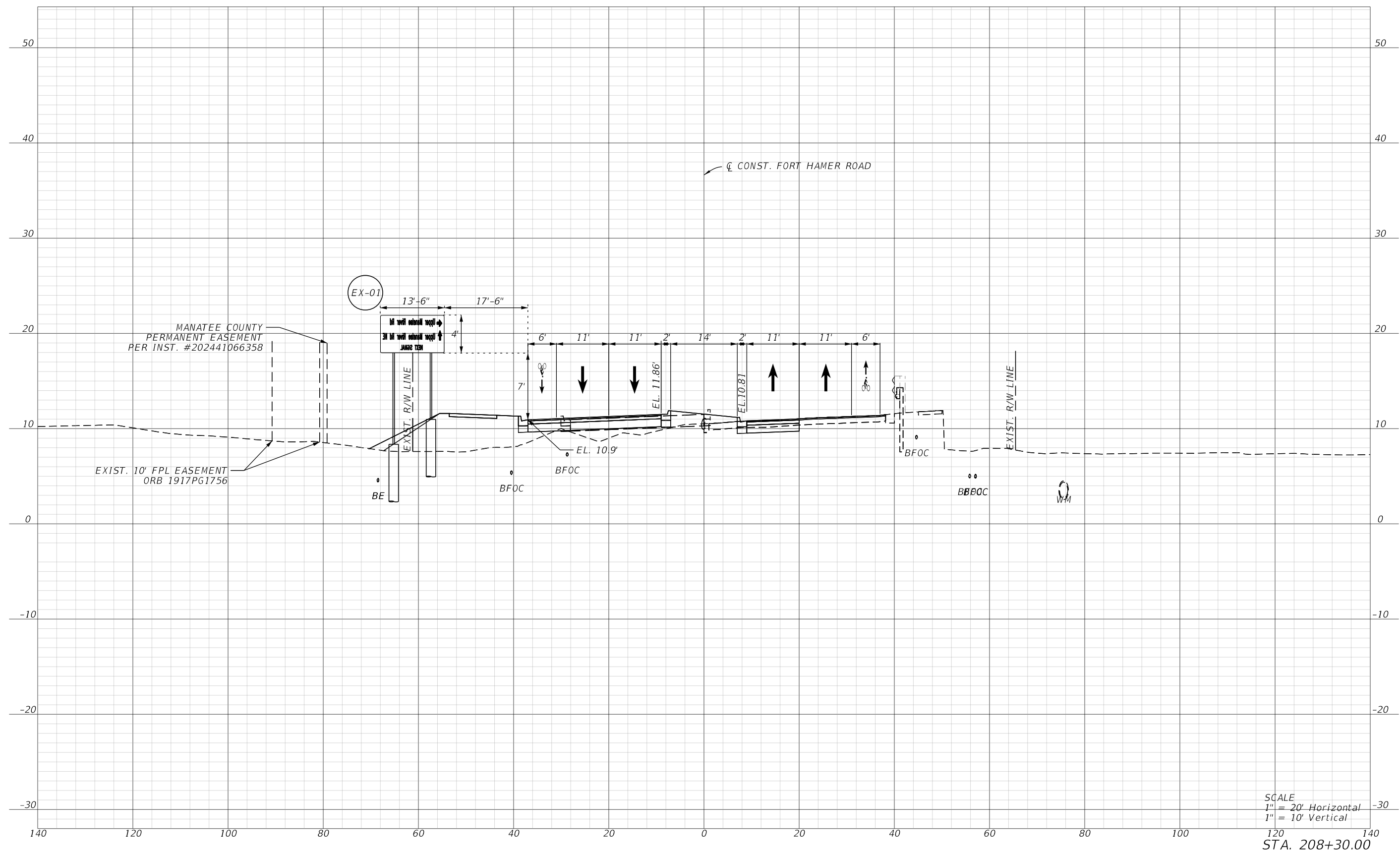
SIGN NAME	GS-08	QTY	1	SIGN NUMBER	STATION(S)
PANEL	BORDER				521+00
WIDTH	3'-0"	WIDTH	1"		
HEIGHT	4'-6"	RADII	5"		
LEGEND	White	COLOR	White		
COLOR	Brown				
SYMBOL(S)	ANGLE	X	Y	WID	HT
RAB FH Park	0	12.2	4.6	15.4	16.9
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH	



COPY	F	t	H	a	m	e	r	L	
SPACE	5.2	8	9.8	14.8	18.3	21.6	26.5	29.7	26.1
COPY	C	o	u	n	t	y	L		
SPACE	5.2	10.3	14.8	19.6	23.7	26.3	25.6		
COPY	P	a	r	k	L				
SPACE	10	14.6	19.1	22.1	16				
COPY									
SPACE									
COPY									
SPACE									
COPY									
SPACE									

REVISIONS				ENGINEER OF RECORD			MANATEE COUNTY			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602			CIP No. 6118061			
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	GUIDE SIGN WORKSHEET (02)			
				FORT HAMER	MANATEE	452856-1-34-01				S-25

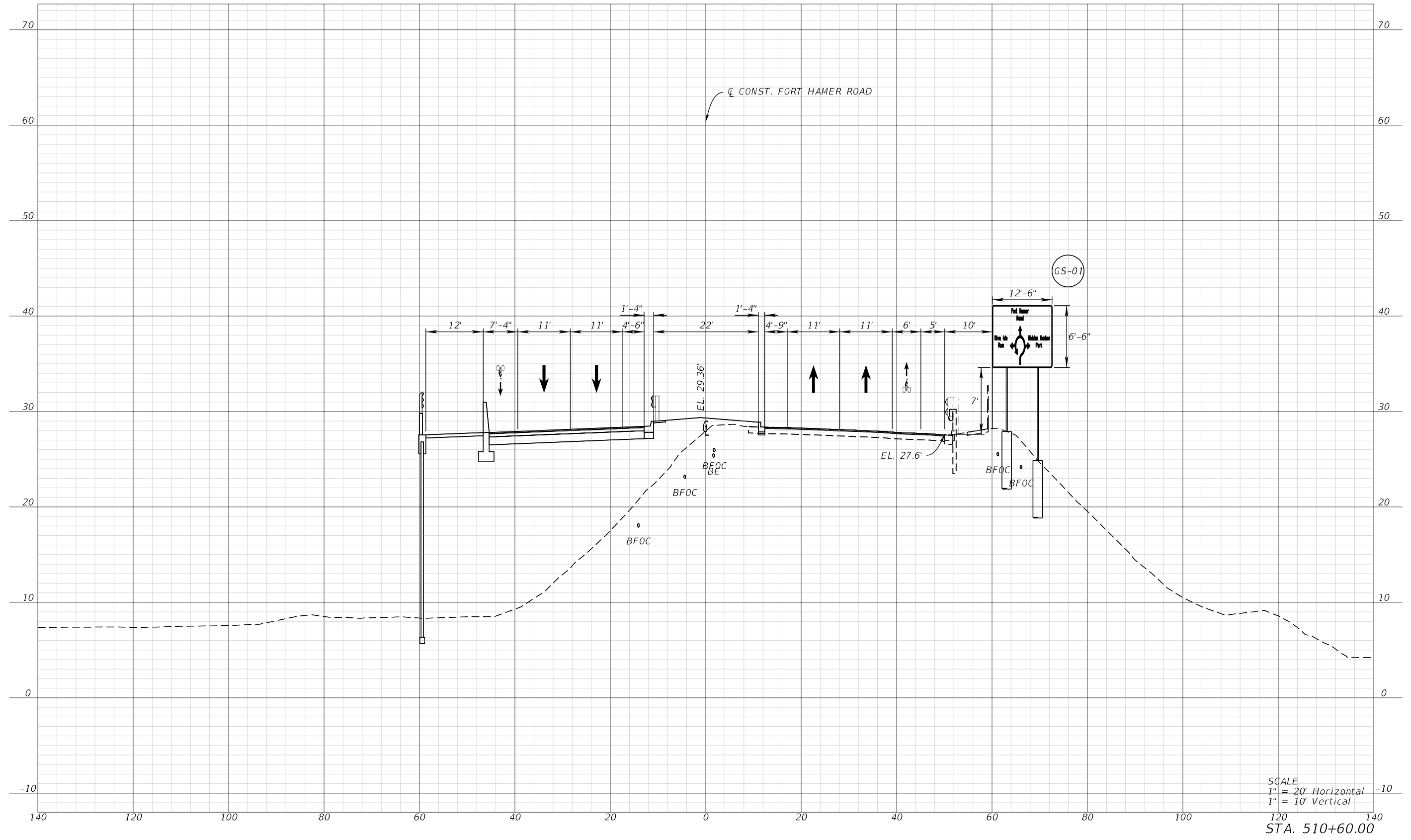
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SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 208+30.00

REVISIONS				ENGINEER OF RECORD			MANATEE COUNTY			MULTIPOST CROSS SECTION	SHEET NO. S-27
DATE	DESCRIPTION	DATE	DESCRIPTION	CIP No. 6118061			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602			FORT HAMER	MANATEE	452856-1-34-01		

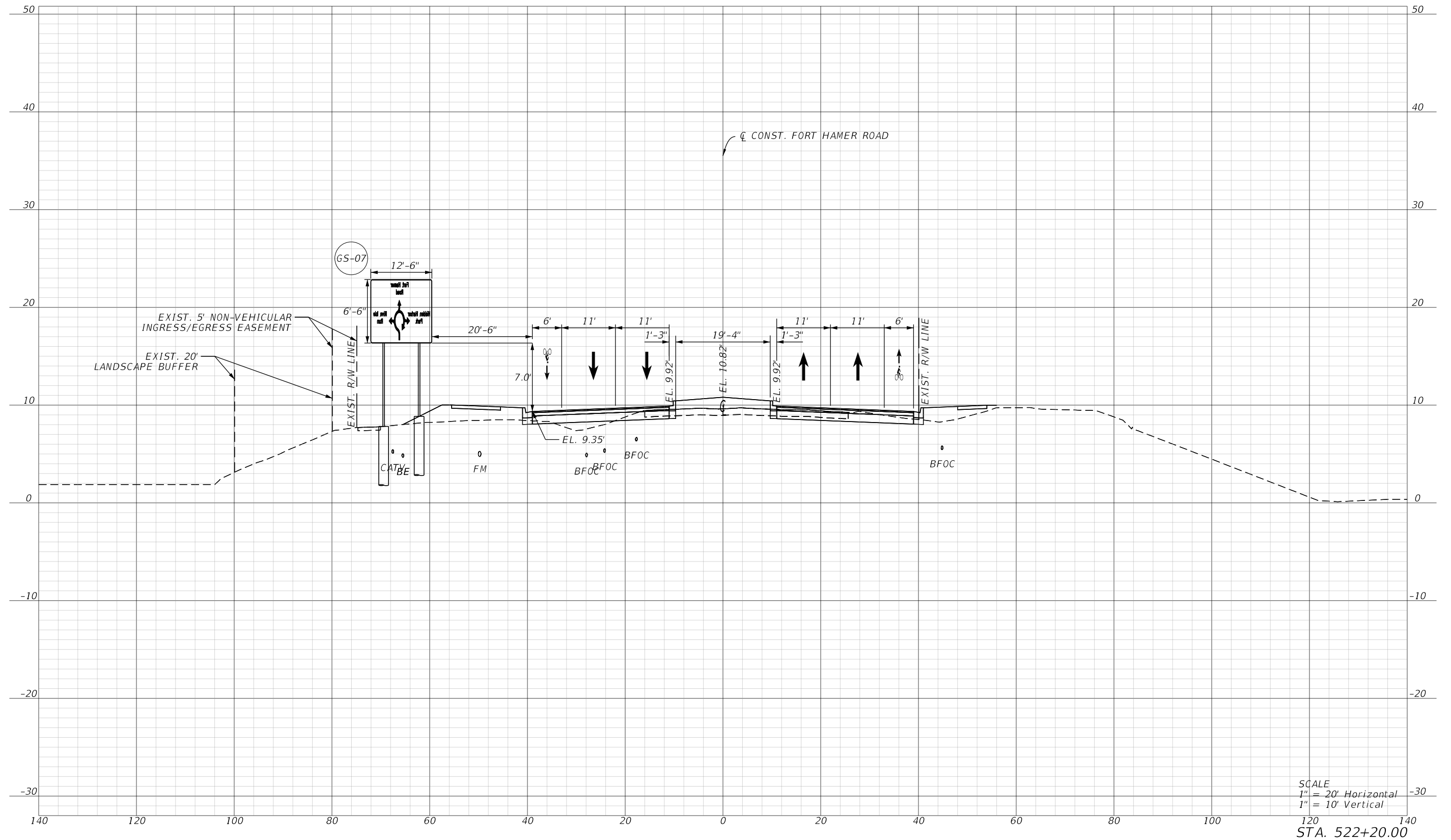
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 510+60.00

REVISIONS				ENGINEER OF RECORD			MANATEE COUNTY			MULTIPOST CROSS SECTION	SHEET NO. S-28
DATE	DESCRIPTION	DATE	DESCRIPTION	CIP No. 6118061			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602			FORT HAMER	MANATEE	452856-1-34-01		

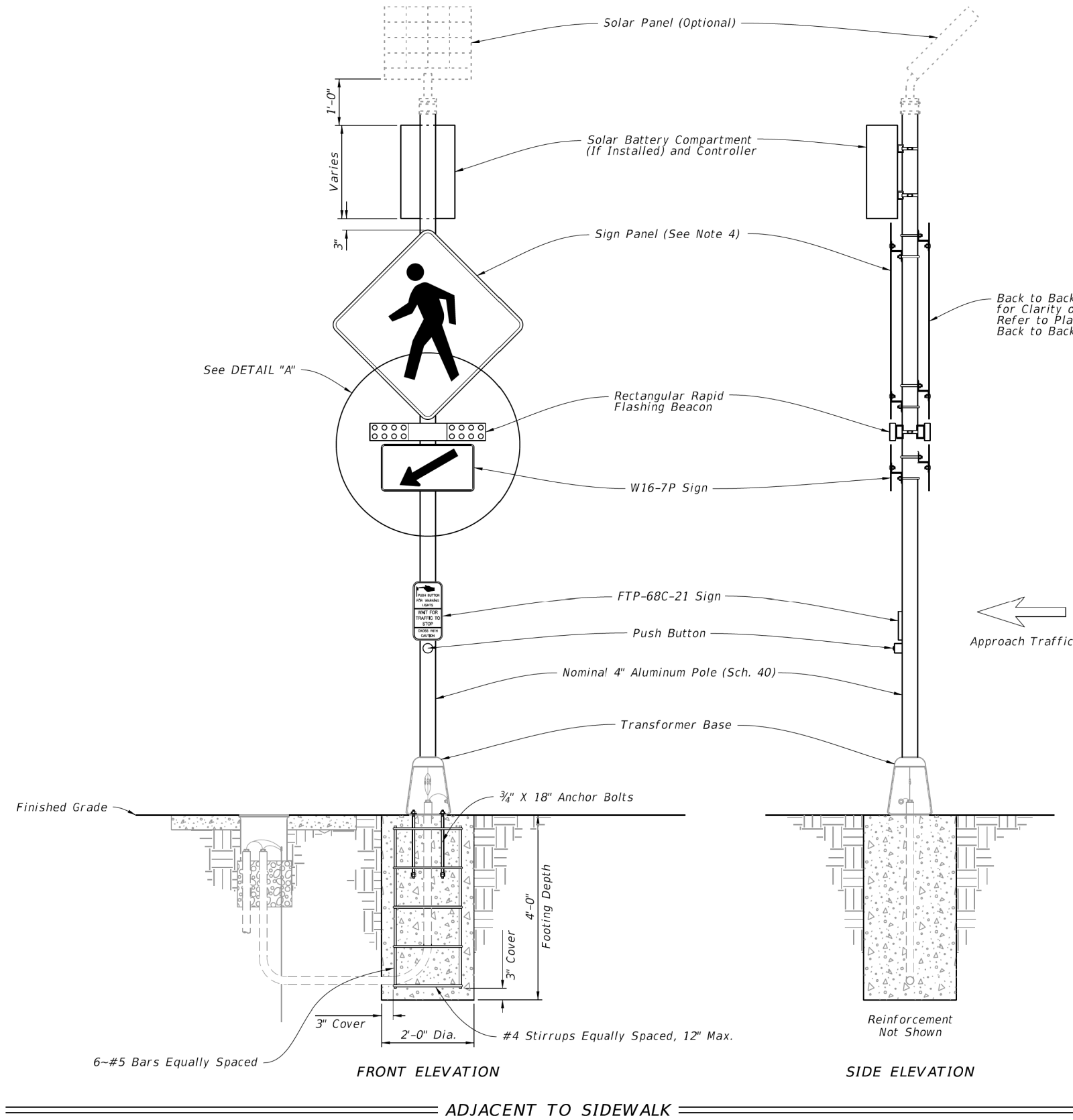
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



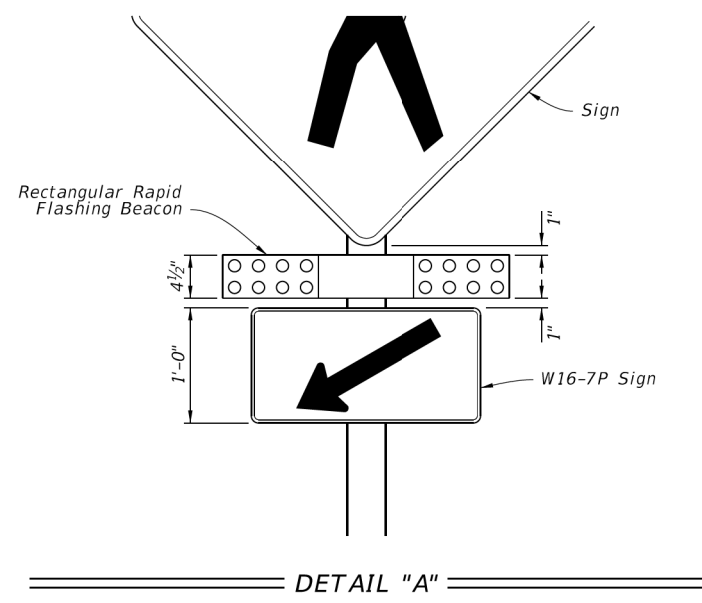
SCALE
 1" = 20' Horizontal
 1" = 10' Vertical
 STA. 522+20.00

REVISIONS				ENGINEER OF RECORD			MANATEE COUNTY			MULTIPOST CROSS SECTION	SHEET NO. S-29
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							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.



- NOTES:**
1. A transformer base is required for both conventionally-powered and solar-powered applications. Install pull box, conduit, wiring, and grounding in accordance with Index 700-120 based on the powering configuration called for in the Plans.
 2. Install the RRFB in pairs, one on either side of approach traffic.
 3. Install controller on the backside of post from approach traffic.
 4. W11-2 sign panel shown, others similar. Use 30" X 30" sign panels for two-lane roadways and 36" X 36" sign panels on multilane roadways.
 5. Install push button and FTP-68C-21 sign in accordance with Index 665-001.
 6. Engage all threads on the transformer base and post unless the aluminum post is fully seated into base.
 7. Meet the requirements of Specification 646.
 8. Install a concrete slab around all pull boxes. The minimum slab dimension is 4'-0" by 4'-0". In urban areas where space is limited slab dimensions may be adjusted as shown in the Plans.
 9. For assemblies connected to conventional power, provide single pole non-fused watertight breakaway electrical connectors in the frangible transformer base.
 10. When wire entry holes are drilled in the sign column, use a bushing or rubber grommet to protect conductors.
 11. For solar-powered applications, orient solar panel to face South for optimal exposure to sunlight.
 12. In lieu of footing design shown, a Spread Footing may be used in accordance with Index 700-120.

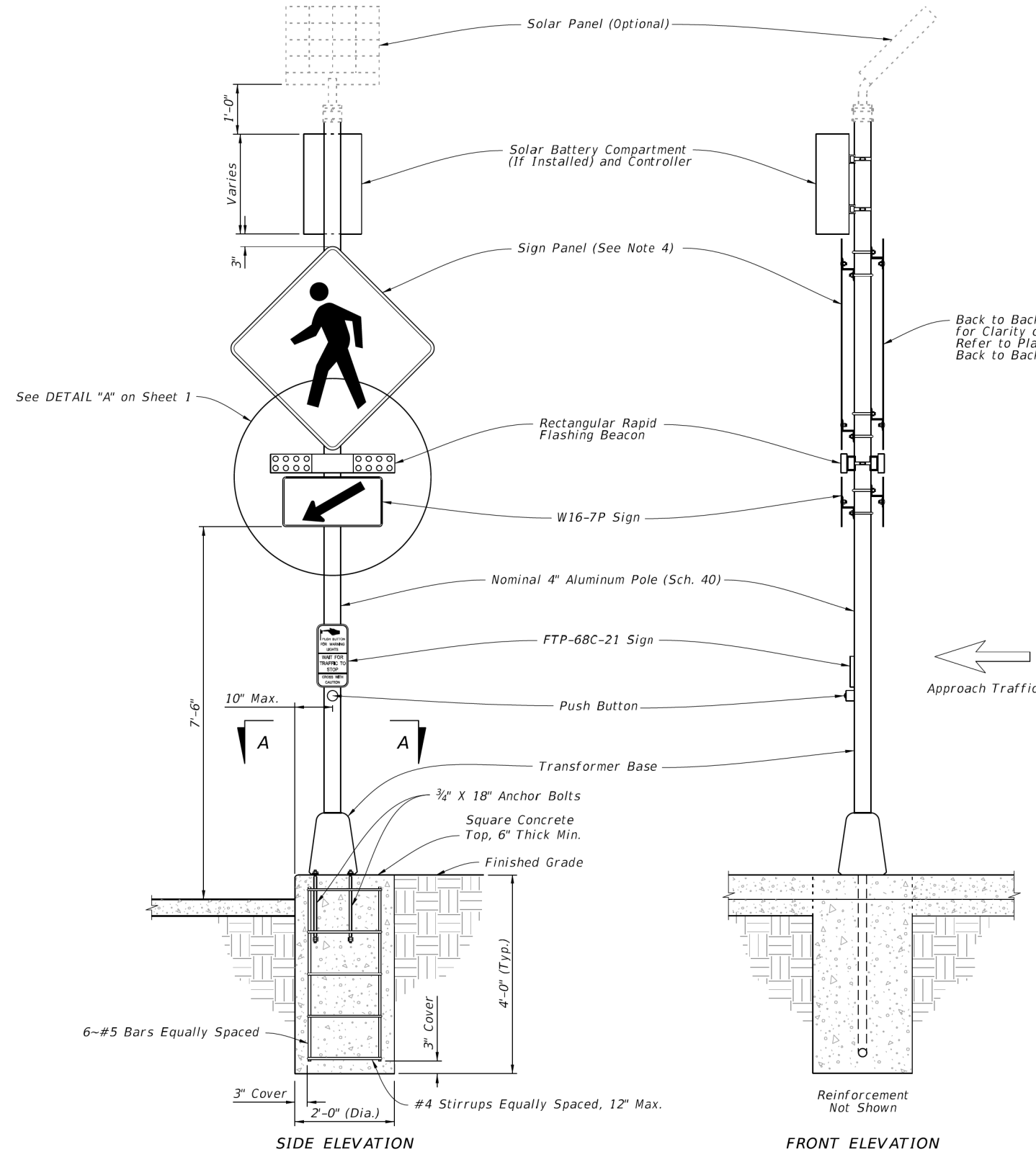


9/10/2024 2:29:14 PM

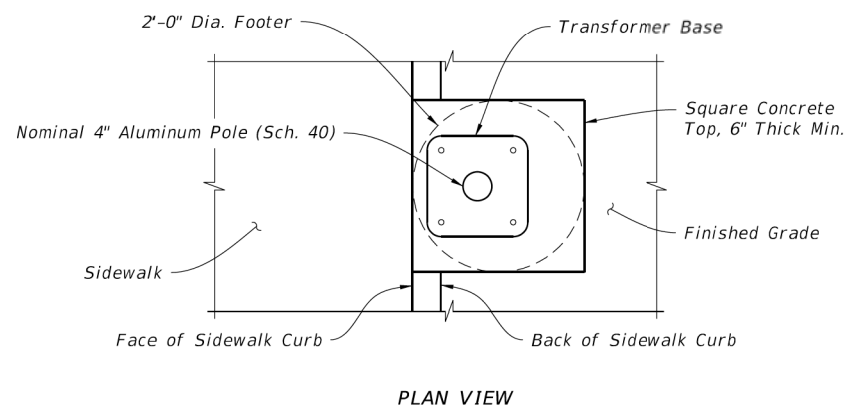
LAST REVISION 11/01/23	REVISION	DESCRIPTION:	FY 2025-26 STANDARD PLANS	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY	INDEX 654-001	SHEET 1 of 2
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REVISIONS				ENGINEER OF RECORD			MANATEE COUNTY CIP No. 6118061			SPECIAL DETAIL (01)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	S-30				
				ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	FORT HAMER	MANATEE		452856-1-34-01			

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Back to Back Signs Shown for Clarity of Installation. Refer to Plans for Where Back to Back is Required.



9/10/2024 2:29:21 PM

LAST REVISION 11/01/23	REVISION	DESCRIPTION:	FY 2025-26 STANDARD PLANS	RECTANGULAR RAPID FLASHING BEACON ASSEMBLY	INDEX 654-001	SHEET 2 of 2
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REVISIONS				ENGINEER OF RECORD			MANATEE COUNTY CIP No. 6118061			SPECIAL DETAIL (02)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ANDREW J. STASTNY, P.E. LICENSE NUMBER: 80236 KIMLEY-HORN AND ASSOCIATES, INC 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-31
											FORT HAMER

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