

**CONTRACT PLANS COMPONENTS**

ROADWAY PLANS  
SIGNING AND PAVEMENT MARKING PLANS  
LIGHTING PLANS

**TOWN OF LONGBOAT KEY**

**CONTRACT PLANS**

**MANATEE COUNTY (13020)**

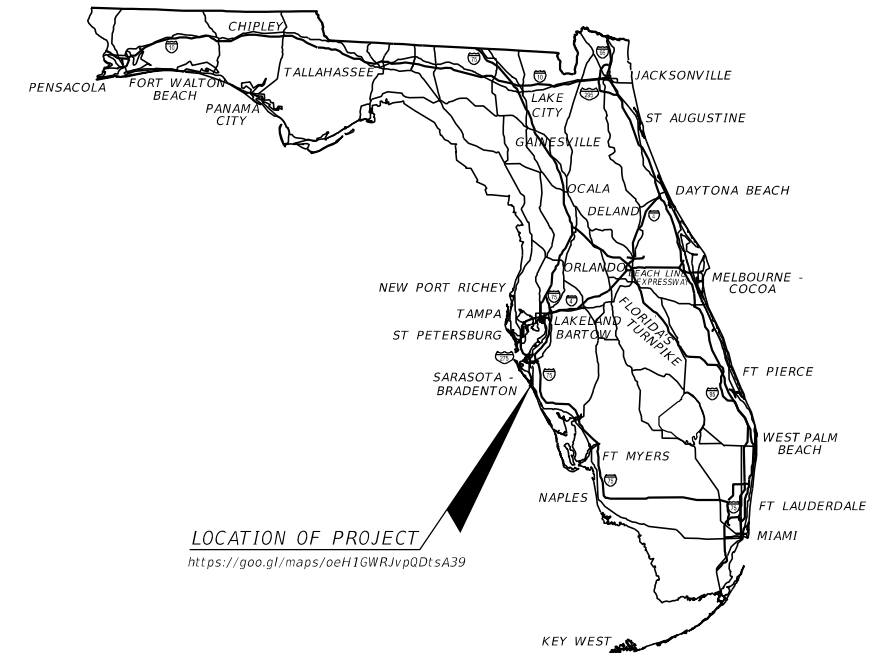
**MODERN ROUNDABOUT  
IMPROVEMENT DESIGN**

**STATE ROAD NO. 789 (GULF OF MEXICO DR.)**

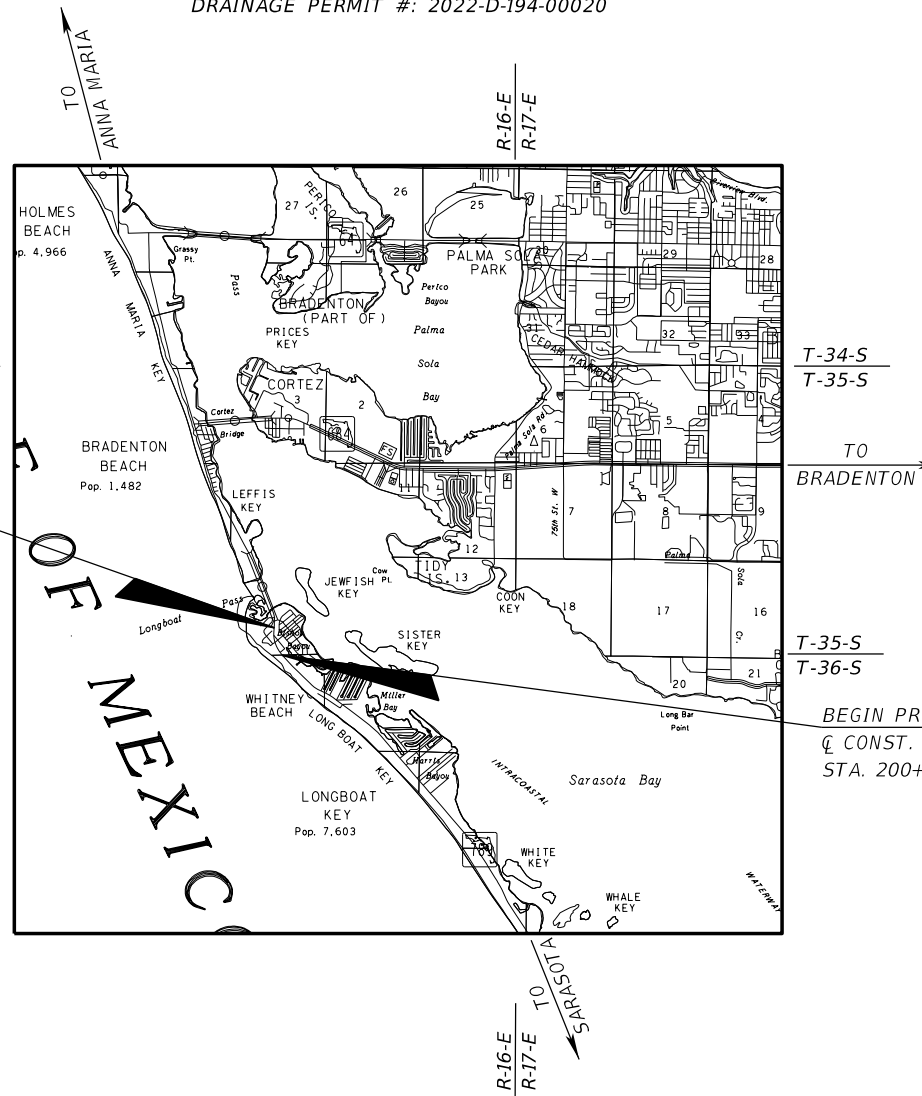
C.A. APPLICATION #: 2022-C-194-00005  
DRAINAGE PERMIT #: 2022-D-194-00020

**INDEX OF ROADWAY PLANS**

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END PROJECT  
Q CONST. GULF OF MEXICO DR.  
STA. 223+25.00



**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY 2024-25 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: N/A

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

**GOVERNING STANDARD SPECIFICATIONS:**

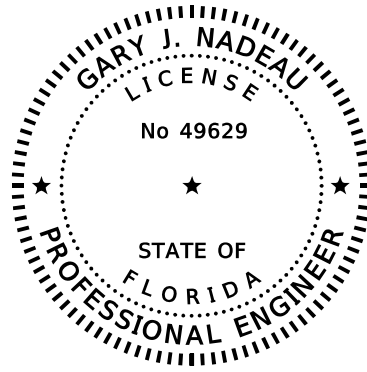
Florida Department of Transportation, FY 2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

**ROADWAY PLANS  
ENGINEER OF RECORD:**

GARY J. NADEAU, P.E. NO.: 49629  
KIMLEY-HORN AND ASSOCIATES, INC.  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
PHONE (941) 379-7600  
REGISTRY NO. 35106

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T.B.D.	25	1

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



THIS DOCUMENT HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

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

KIMLEY-HORN AND ASSOCIATES, INC.  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
GARY J. NADEAU, P.E. NO. 49629

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

ROADWAY PLANS

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DATE	DESCRIPTION	DATE	DESCRIPTION		TOWN OF LONGBOAT KEY	<i>SIGNATURE SHEET</i>	SHEET NO.
					<small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>		GULF OF MEXICO DRIVE

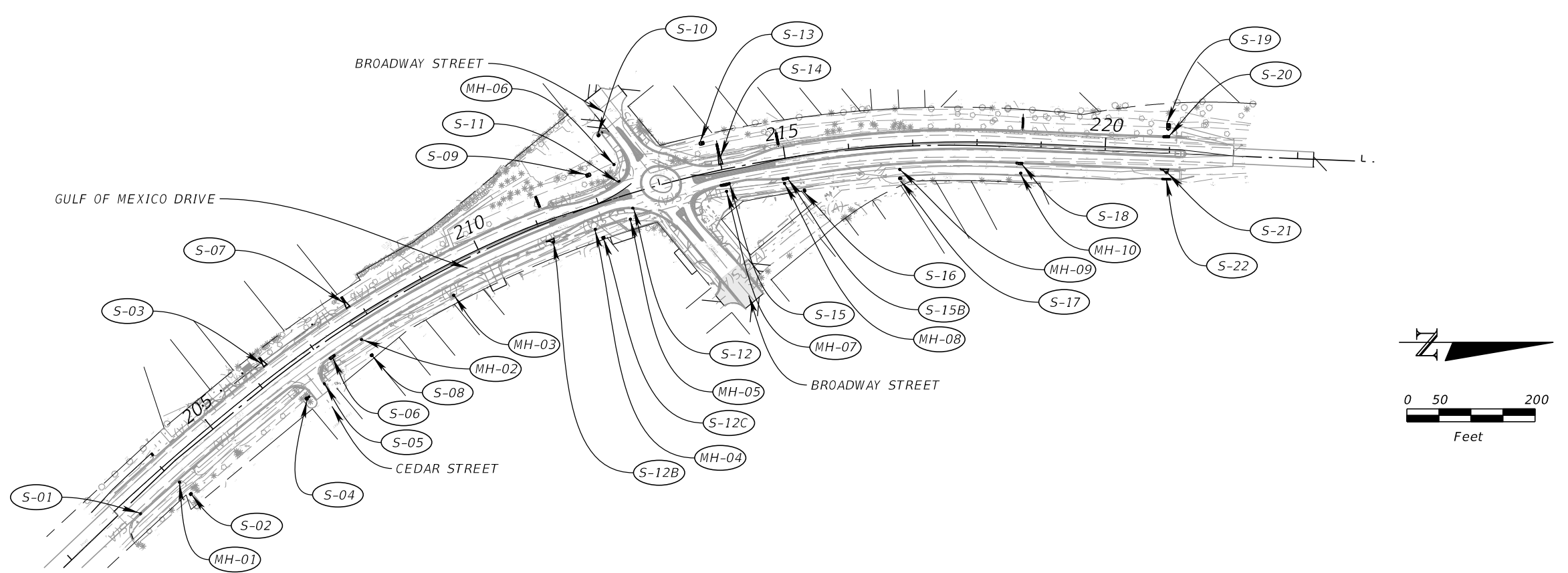
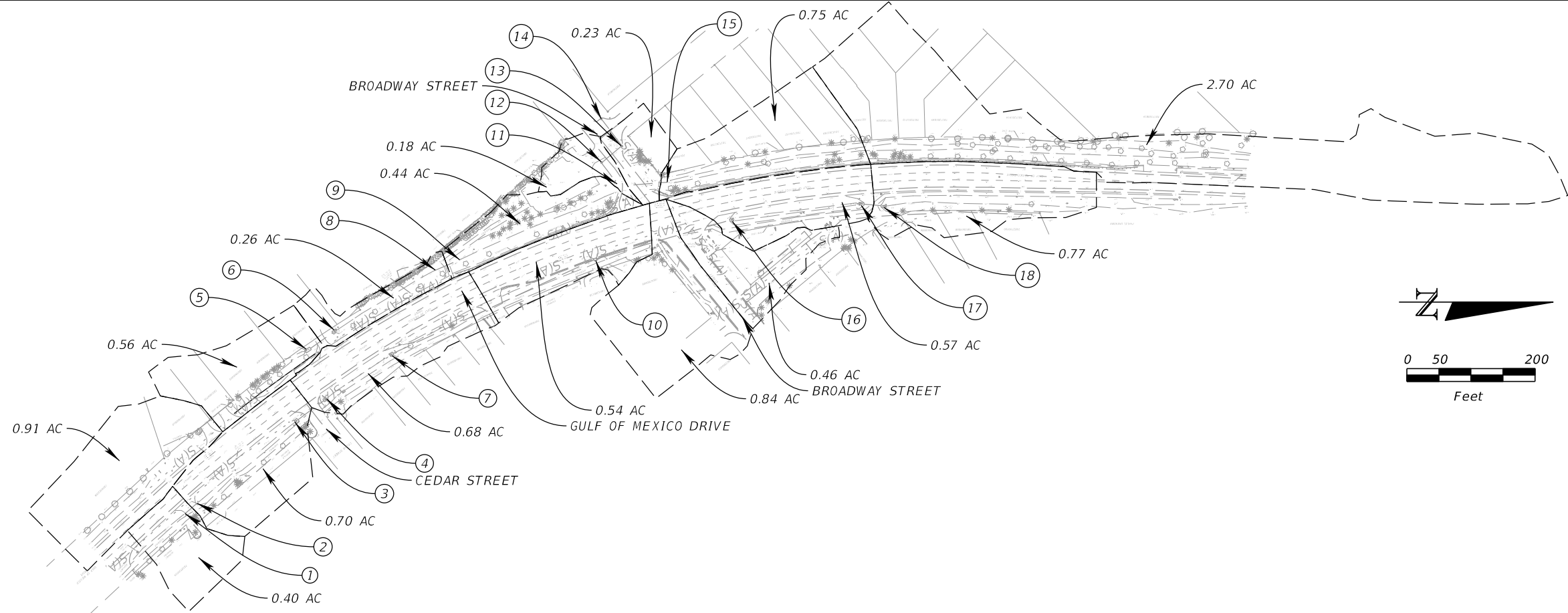
ITEM NO.	ITEM DESCRIPTION	UNIT	PROJECT QUANTITY
<b>Roadway</b>			
102 1	MOBILIZATION (7%)	LS	1
102 2	MAINTENANCE OF TRAFFIC (10%)	LS	1
107 1	LITTER REMOVAL	AC	55.680
107 2	MOWING	AC	30.840
110 1 1	CLEARING & GRUBBING	AC	6.080
110 4 10	REMOVAL OF EXISTING CONCRETE	SY	2213
110 7 1	MAILBOX, F&I SINGLE	EA	4
120 1	REGULAR EXCAVATION	CY	2010.0
120 6	EMBANKMENT	CY	8500.0
160 4	TYPE B STABILIZATION	SY	11266
285 706	OPTIONAL BASE, BASE GROUP 06	SY	9437
327 70 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" DEPTH	SY	1813
334 1 12	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B	TN	729.0
337 7 80	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-9.5, PG 76-22	TN	878.6
350 30 13	CONCRETE PAVEMENT FOR ROUNDABOUT APRON, 12" DEPTH	SY	224
400 0 11	CONCRETE CLASS NS, GRAVITY WALL	CY	142.3
515 1 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	1101
520 1 7	CONCRETE CURB & GUTTER, TYPE E	LF	2183
520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	3959
520 2 2	CONCRETE CURB, TYPE B	LF	358
520 2 4	CONCRETE CURB, TYPE D	LF	531
520 2 8	CONCRETE CURB, TYPE RA	LF	300
520 3	VALLEY GUTTER - CONCRETE	LF	117
522 1	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	2990
522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	655
526 1 2	PAVERS, ARCHITECTURAL, SIDEWALK	SY	225
526 1101	PAVERS, ARCHITECTURAL, REMOVE EXISTING AND REINSTALL	SY	92
527 2	DETECTABLE WARNINGS	SF	417
530 3 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	25.9
530 74	BEDDING STONE	TN	15.1
570 1 2	PERFORMANCE TURF, SOD	SY	10090
<b>Signing</b>			
654 2 40	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, RELOCATE	AS	4
700 1 111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	31
700 1 112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	2
700 1 500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	20
700 1 600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	12
700 2 115	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 50.1-100.0 SF	EA	2
700 3 601	SIGN PANEL REMOVE, UP TO 12 SF	EA	3
706 1 3	RAISED PAVEMENT MARKER, TYPE B	EA	156
710 11 190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF	23
710 11 290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	29
710 90	PAINTED PAVEMENT MARKINGS - FINAL SURFACE	LS	1
711 11 141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE / 6-10 GAP EXTENSION, 6"	GM	0.037
711 11 144	THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE, 12" FOR ROUNDABOUT	GM	0.022
711 11 160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	4
711 11 170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	4
711 11 224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	76
711 14 123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	428
711 14 125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	549
711 14 160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	5
711 14 170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	5
711 11 180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	51
711 16 101	THERMOPLASTIC, STANDARD, OTHER SURFACES, WHITE, SOLID, 6"	GM	1.384
711 16 201	THERMOPLASTIC, STANDARD, OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.938

ITEM NO.	ITEM DESCRIPTION	UNIT	PROJECT QUANTITY
711 16 231	THERMOPLASTIC, STANDARD, OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.269
<b>Lighting</b>			
630 2 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	440
630 2 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1150
635 2 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	19
639 1 122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1
639 2 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	15
639 3 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1
715 1 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	6251
715 61 242	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 35 MOUNTING HEIGHT	EA	14
715 69 000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	5
715 7 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1
715 500 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	13
<b>Drainage</b>			
425 1201	INLETS, CURB, TYPE 9, <10'	EA	4
425 1351	INLETS, CURB, TYPE P-5, <10'	EA	3
425 1361	INLETS, CURB, TYPE P-6, <10'	EA	1
425 1411	INLETS, CURB, TYPE J-1, <10'	EA	1
425 1311	INLETS, CURB, TYPE P-1, <10'	EA	1
425 1451	INLETS, CURB, TYPE J-5, <10'	EA	1
425 1521	INLETS, DT BOT, TYPE C, <10'	EA	7
425 1910	INLETS, CLOSED FLUME	EA	3
425 2 41	MANHOLES, P-7, <10'	EA	4
425 2 71	MANHOLES, J-7, <10'	EA	6
430 175112	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 12"S/CD	LF	55
430 175118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	499
430 175124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	802
430 175130	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 30"S/CD	LF	587
430 175218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	151
430 175224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 24"S/CD	LF	302
430 175236	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 36"S/CD	LF	9
430536102	STRAIGHT CONCRETE ENDWALLS, 36", SINGLE, 0 DEGREES, ELLIPTICAL	EA	1
430982129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	1
430984125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	2

DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>SUMMARY OF PAY ITEMS</b>	SHEET NO.
					GULF OF MEXICO DRIVE		3

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AREA WITHIN PROJECT LIMITS			
IMPERVIOUS		PERVIOUS	
PRE	POST	PRE	POST
2.81	2.66	2.40	2.56



DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**  
GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY  
GULF OF MEXICO DRIVE

*DRAINAGE MAP*

SHEET NO.  
4

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① MES  
N FL 1.48 (18" RCP)  
TO BE REMOVED

② MES  
S FL 1.38 (18" RCP)  
TO BE REMOVED

③ MES  
N FL 0.96 (18" RCP)  
TO BE REMOVED

④ MES  
S FL 1.17 (18" RCP)  
TO BE REMOVED

⑤ MES  
N FL 2.50 (18" RCP)  
TO REMAIN

⑥ MES  
S FL 2.27 (18" RCP)  
TO REMAIN

⑦ MES  
N FL 0.81 (18" RCP)  
TO BE REMOVED

⑧ MES  
N FL 2.85 (15" CPP)  
TO REMAIN

⑨ MES  
S FL 2.25 (15" CPP)  
TO REMAIN

⑩ CURB INLET  
TOP EL. UNKNOWN  
N FL 0.03 (18" RCP)  
S FL 0.07 (18" RCP)  
TO BE REMOVED

⑪ UNKNOWN  
NW FL UNKNOWN (12" RCP)  
TO BE REMOVED

⑫ GRATE INLET  
NE FL 1.27 (12" RCP)  
NW FL 1.16 (12" RCP)  
TO BE REMOVED

⑬ GRATE INLET  
SE FL 0.78 (12" RCP)  
SW FL 0.82 (UNKNOWN)  
TO REMAIN

⑭ GRATE INLET  
NE FL UNKNOWN  
NW FL UNKNOWN  
TO REMAIN

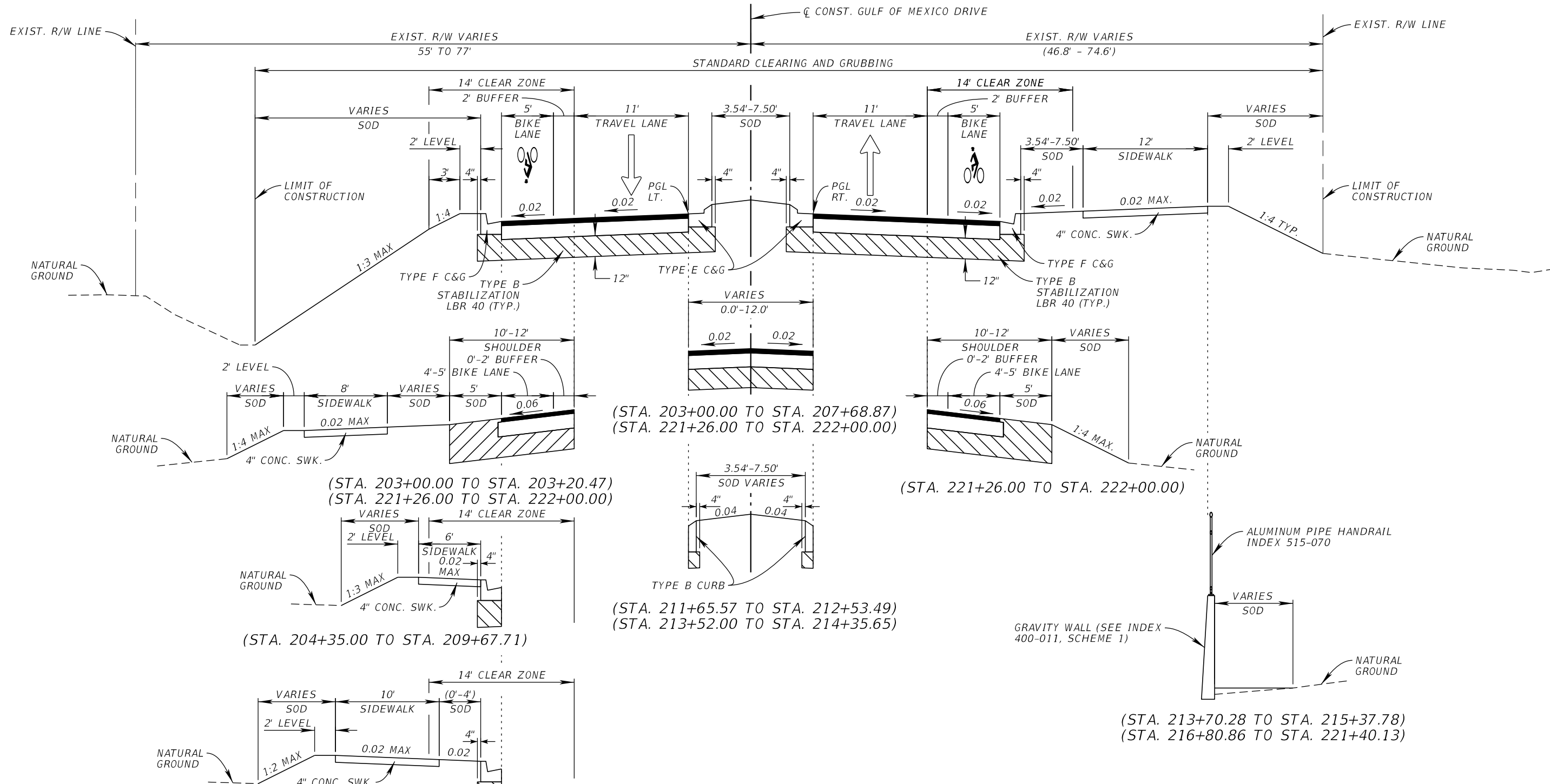
⑮ MES  
S FL -0.20 (18" RCP)  
TO BE REMOVED

⑯ MES  
S FL 0.97 (18" RCP)  
TO BE REMOVED

⑰ MES  
N FL 1.15 (18" RCP)  
TO BE REMOVED

⑱ MES  
S FL 1.41 (18" RCP)  
TO BE REMOVED

DATE	DESCRIPTION	DATE	DESCRIPTION	Kimley»Horn <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	EXISTING DRAINAGE STRUCTURES	SHEET NO.
					GULF OF MEXICO DRIVE		5



**TRAFFIC DATA**

CURRENT YEAR = 2024 AADT = 11500  
 ESTIMATED OPENING YEAR = 2025 AADT = 11594  
 ESTIMATED DESIGN YEAR = 2040 AADT = 13000  
 K = 9 % D = 54.0 % T = 4.5 % (24 HOUR)  
 DESIGN HOUR T = 5.4 %  
 DESIGN SPEED = 25 MPH (ROUNDBOUT)  
 DESIGN/POSTED SPEED = 35 MPH (SR 789)

**TYPICAL SECTION**  
 SR 789 (GULF OF MEXICO DRIVE)  
 STA. 203+00.00 TO STA. 212+53.49  
 STA. 213+52.00 TO STA. 222+00.00

- WIDENING / NEW CONSTRUCTION
- OPTIONAL BASE GROUP 6
- STRUCTURAL COURSE SP-12.5 (TRAFFIC B) (1.5")
- FRICTION COURSE FC-12.5 (TRAFFIC B) (1.5") (PG 76-22)
- MILLING & RESURFACING
- MILL EXISTING ASPHALT PAVEMENT (1.5" AVG. DEPTH)
- FRICTION COURSE FC-12.5 (TRAFFIC B) (1.5") (PG 76-22)
- OVERBUILD
- TYPE SP STRUCTURAL COURSE (TRAFFIC B)

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

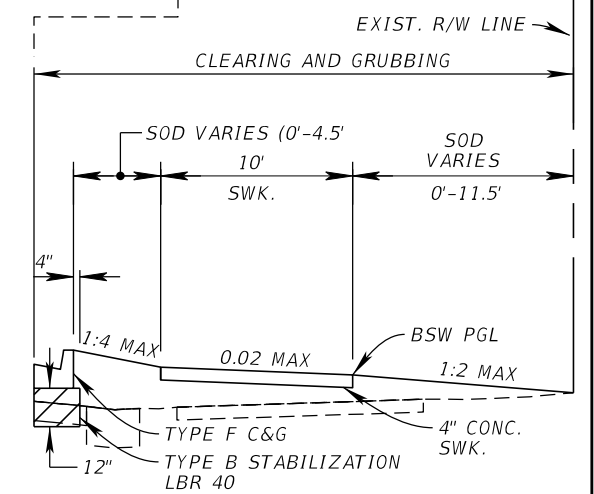
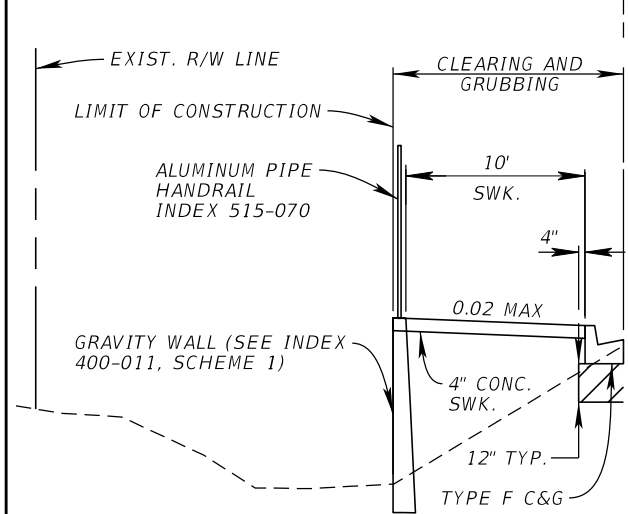
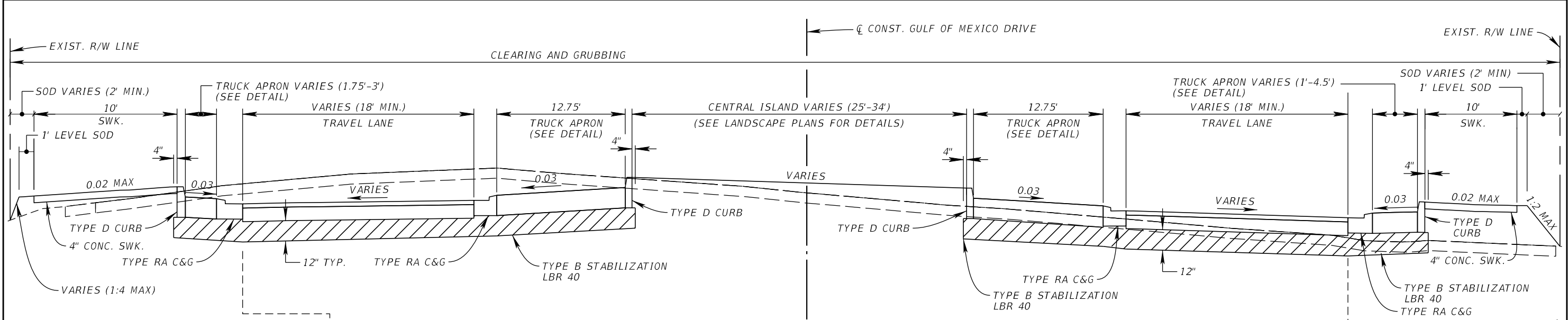
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

**TYPICAL SECTION**

SHEET NO. 6

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TYPICAL SECTION (ROUNDBOUT)  
 SR 789 (GULF OF MEXICO DRIVE)  
 STA. 212+53.49 TO STA. 213+52.00

**TRAFFIC DATA**

CURRENT YEAR = 2024 AADT = 11500  
 ESTIMATED OPENING YEAR = 2025 AADT = 11594  
 ESTIMATED DESIGN YEAR = 2040 AADT = 13000  
 K = 9 % D = 54.0 % T = 4.5 % (24 HOUR)  
 DESIGN HOUR T = 5.4 %  
 DESIGN SPEED = 25 MPH (ROUNDBOUT)

**WIDENING / NEW CONSTRUCTION**

OPTIONAL BASE GROUP 6  
 STRUCTURAL COURSE SP-12.5 (TRAFFIC B) (1.5")  
 FRICTION COURSE FC-12.5 (TRAFFIC B) (1.5") (PG 76-22)

**MILLING & RESURFACING**

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

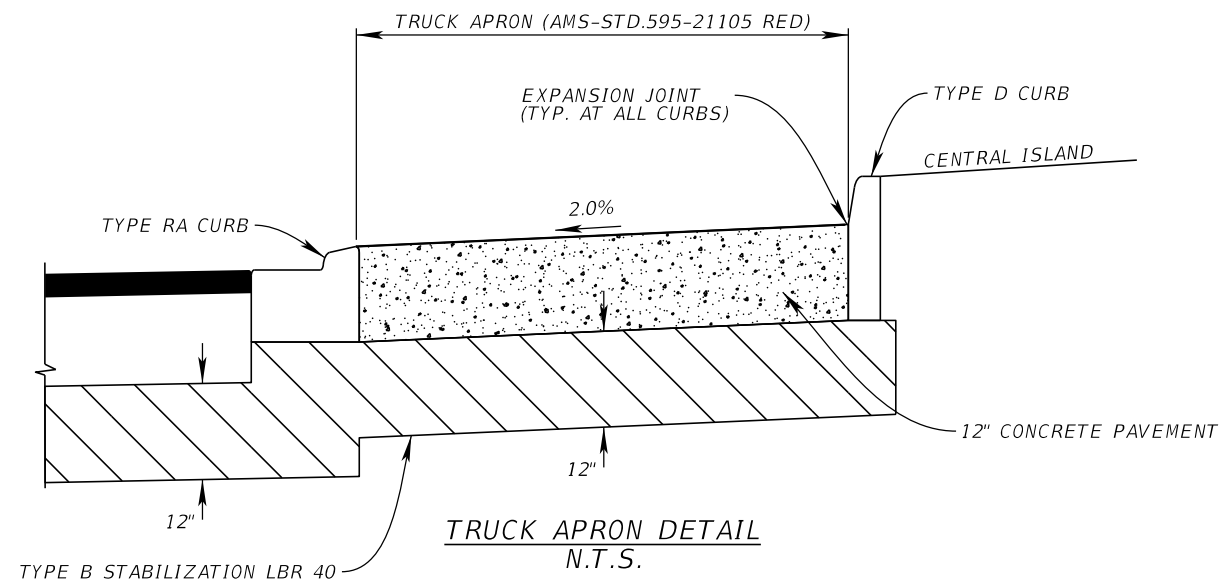
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 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

**TYPICAL SECTION**  
 SHEET NO. 7

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OVERBUILD DETAILS							
LOCATION		EXIST. SLOPE (%)	PROPOSED SLOPE (%)	MAX. DEPTH OF OVERBUILD (IN.)	WIDTH OF OVERBUILD (FT.)	AVG. DEPTH OF OVERBUILD (IN.)	AREA OF OVERBUILD (SQ. FT.)
STATION	LANE						
202+50.00	CENTER, NORTHBOUND, BIKE LANE	(-)0.2 (CENTER LEFT) (-)2.0 (NB LANE) (-) 6.0 (BIKE LANE)	EXIST.	0.0	28.7	0.0	0.0
202+75.00	CENTER, NORTHBOUND, BIKE LANE	(-)0.2 (CENTER LEFT) (-)2.0 (NB LANE) (-) 6.0 (BIKE LANE)	(+)2.0 (CENTER LEFT) (-)2.0 (NB LANE) (-) 2.0 (BIKE LANE)	1.5	28.7	1.0	2.4
203+00.00	CENTER, NORTHBOUND, BIKE LANE	(-)0.1 (CENTER LEFT) (-)2.0 (NB LANE) (-) 6.0 (BIKE LANE)	(+)2.0 (CENTER LEFT) (-)2.0 (NB LANE) (-) 2.0 (BIKE LANE)	3.0	28.7	2.1	4.8

DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<p style="text-align: center;"><i>SPECIAL DETAILS</i></p>	SHEET NO.
					GULF OF MEXICO DRIVE		8

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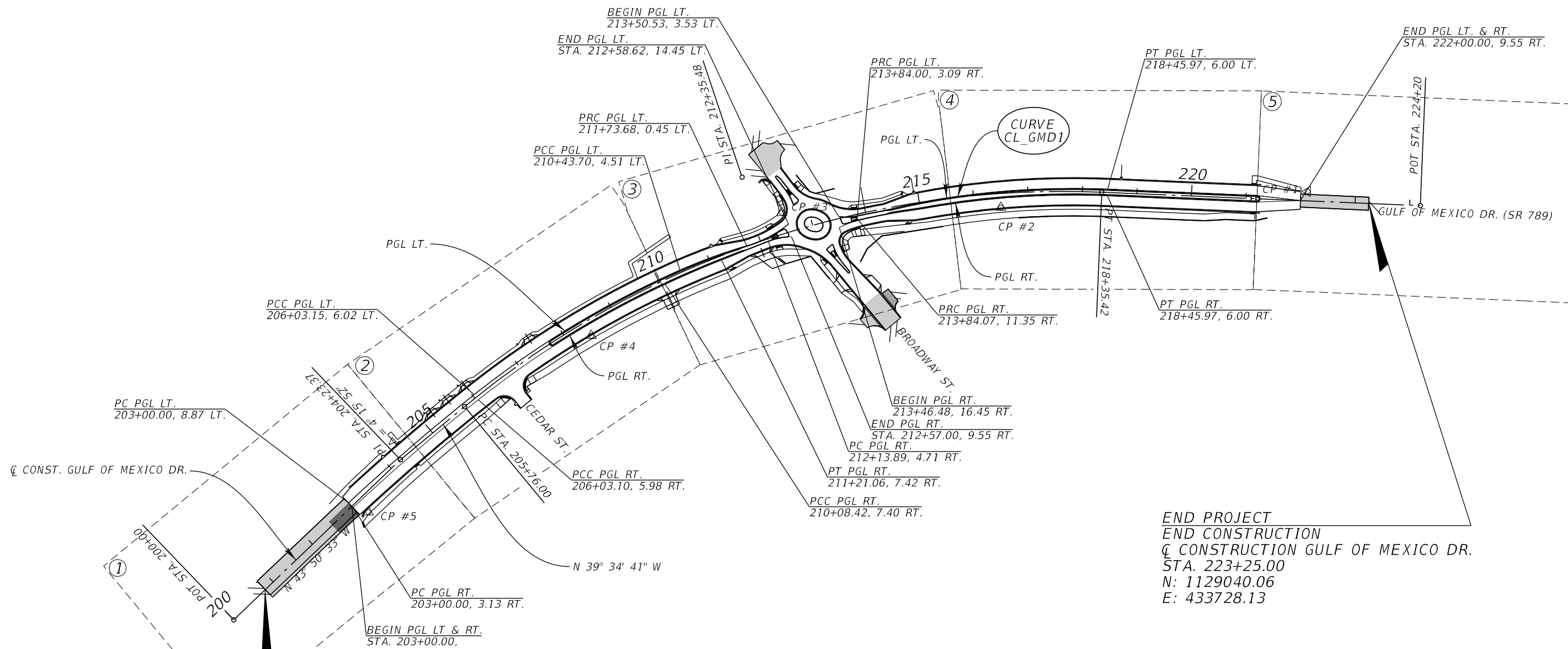
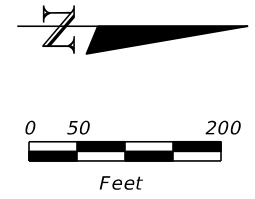


**SUMMARY OF DRAINAGE STRUCTURES**

Q T Y	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	SIZE	LENGTH	STORM PIPE							MANHOLE		DITCH BOTTOM INLET	CURB INLET							MITERED END SECTION		ENDWALL	CONC. (CY)	SOD (SY)	REMARKS								
								12"	18"	24"	30"	14" x 23"	19" x 30"	29" x 45"	P-7 (<10')	J-7 (<10')		C (<10')	P-1 (<10')	J-1 (<10')	P-5 (<10')	J-5 (<10')	P-6 (<10')	P-9 (<10')	CLOSED FLUME	18"					24"	29"x45"						
P	MH-07	214+00.00	R	MANHOLE	1	24"	88			88						1																						
F																																						
P	S-14	214+00.00	L	CLOSED FLUME	1																		1															
F																																						
P	S-15	214+00.00	R	CURB INLET	1	18"	8		8															1														
F																																						
P	MH-08	214+93.00	R	MANHOLE	1	30"	178			178						1																				J BOTTOM (4.0'x3.5')		
F																																						
P	S-15B	214+93.00	R	CURB INLET	1	18"	4		4															1														
F																																						
P	S-16	215+22.00	R	DITCH BOTTOM	1	18"	148		148							1																				8		
F																																						
P	MH-09	216+78.00	R	MANHOLE	1	30"	185			185						1																				J BOTTOM (4.0'x3.5')		
F																																						
P	S-17	216+78.00	R	DITCH BOTTOM	1	14" x 23"	11				11					1																				8		
F																																						
P	MH-10	218+70.00	R	MANHOLE	1	30"	224			224						1																				J BOTTOM (4.0'x3.5')		
F																																						
P	S-18	218+70.00	R	CURB INLET	1	14" x 23"	12				12													1														
F																																						
P	S-19	220+97.00	L	CD MES (1:4)	1	24"	9			9																	1								28			
F																																						
P	S-20	220+97.00	L	CURB INLET	1	24"	51			51														1														
F																																						
P	S-21	220+97.00	R	CURB INLET	1	29" x 45"	9					9				1																				J BOTTOM (4.0'x5.0')		
F																																						
P	S-22	220+97.00	R	ENDWALL	1	29" x 45"																					1	4.53										
F																																						
SHEET TOTALS - PLAN QUANTITY									160	148	587	23		9	1	3	2		1	3		1				1		1	4.53	44								
SHEET TOTALS - FINAL QUANTITY																																						
PROJECT TOTALS - PLAN QUANTITY								55	499	802	587	151	302	9	4	6	7	1	1	3	1	1	4	3		2		1		1	5	94						

DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<p align="center"><i>SUMMARY OF DRAINAGE STRUCTURES</i></p>	SHEET NO.
					GULF OF MEXICO DRIVE		10

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



BEGIN PROJECT  
 BEGIN CONSTRUCTION  
 GULF OF MEXICO DR.  
 STA. 200+80.00  
 N: 1127018.42  
 E: 434435.22

END PROJECT  
 END CONSTRUCTION  
 GULF OF MEXICO DR.  
 STA. 223+25.00  
 N: 1129040.06  
 E: 433728.13

CURVE DATA CL\_GMD1

PI STA.	= 212+35.48
Δ	= 41° 58' 51" (RT)
D	= 3° 20' 00"
T	= 659.48
L	= 1,259.43
R	= 1,718.87
PC STA.	= 205+76.00
PT STA.	= 218+35.42
e	= NC

NOTES:

DESIGNATION	NORTHING	EASTING	ELEVATION	STATION	OFFSET
CP #1	1128928.00	433706.06	4.51'	94+07.48	17.35 RT.
CP #2	1128366.21	433735.61	3.57'	99+70.70	25.77 LT.
CP #3	1127964.61	433744.94	5.96'	103+66.82	38.09 RT.
CP #4	1127615.70	433970.31	3.37'	107+76.77	27.41 LT.
CP #5	1127207.35	434293.34	3.04'	113+05.05	28.54 LT.

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

PROJECT LAYOUT  
 AND CONTROL

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.

**ROADWAY GENERAL NOTES**

1. BENCH MARK DATUM FOR ALL BEARINGS ARE NAD 83 / 11 ADJUSTMENT. BENCH MARK DATUM FOR ALL ELEVATIONS ARE BASED ON NAVD 1988.
2. THERE SHALL BE NO CHANGE OR DEVIATION FROM THESE PLANS WITHOUT PRIOR APPROVAL BY THE ENGINEER.
3. ALL CONSTRUCTION SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (A.D.A.)
4. SIDEWALK CROSS SLOPE SHALL NOT EXCEED 2% POSITIVE OR NEGATIVE GRADE. ALL SIDEWALK AREAS EXCEEDING 2% DURING CONSTRUCTION WILL BE REMOVED AND REPLACED AT THE CONTRACTOR'S COST.
5. SODDING INCLUDES MAINTAINING SLOPES AND SOD UNTIL COMPLETION AND ACCEPTANCE OF TOTAL PROJECT OR GROWTH IS ESTABLISHED. UNTIL THEN, ALL EROSION, SILTATION, AND MAINTENANCE OF FINISH GRADES IS THE RESPONSIBILITY OF THE CONTRACTOR.
6. ALL DISTURBED AREAS INCLUDING THE SIDEWALK, CURB & GUTTER, DRIVEWAY AND ROAD PAVEMENT SHALL BE RESTORED TO ITS ORIGINAL OR BETTER CONDITIONS. ALL DISTURBED GRASS AREAS SHALL BE SODDED.
7. USE CAUTION DURING EXCAVATION TO ENSURE EXISTING DRAINAGE STRUCTURES TO REMAIN AND UTILITIES ARE NOT DAMAGED. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED IN THESE PLANS.
8. SAW CUT EXISTING PAVEMENT AS NECESSARY TO PROVIDE A UNIFORM CONSTRUCTION JOINT FOR ALL AREAS REQUIRING WIDENING OR PAVEMENT RECONSTRUCTION. THE COST OF SAWCUTTING A CLEAN CONSTRUCTION JOINT WILL BE INCIDENTAL TO THE ASSOCIATED WORK.
9. SHOP DRAWINGS SHALL BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO SUBMITTAL TO THE TOWN ENGINEER FOR FINAL REVIEW AND APPROVAL.
10. MAINTAIN 2.5' CLEARANCE FROM EOP LINE WHEN RESETTING OR RELOCATING MAILBOXES PER FDOT STANDARD INDEX 110-200.
11. CONSTRUCTION OF THE ROADS, DRAINAGE, POTABLE WATER, RECLAIMED WATER AND GRAVITY SEWER, SHALL BE IN ACCORDANCE WITH THE TOWN OF LONGBOAT KEY STANDARD TECHNICAL SPECIFICATIONS AND DETAIL DRAWINGS, AND SUBJECT TO THEIR INSPECTIONS AND ACCEPTANCE. COORDINATION WITH THE TOWN OF LONGBOAT KEY UTILITY DEPARTMENT IS REQUIRED TO HAVE THEM PROVIDE NEW MANHOLE LIDS, RIMS, OR OTHER UTILITY COMPONENTS TO BE ADJUSTED PER THE UTILITY ADJUSTMENT SHEETS.
12. FOR PIPE CONNECTIONS TO EXISTING STRUCTURES:
  - A) THE HOLE IN THE EXISTING STRUCTURE MUST BE SAWCUT OR CORE DRILLED.
  - B) USE NON-SHRINKING GROUT TO FILL ALL GAPS AROUND THE JOINT.
  - C) AFTER PIPE IS CONNECTED WITH THE STRUCTURE, THE END OF THE PIPE MUST BE FLUSH WITH THE INSIDE SURFACE OF THE STRUCTURE.
  - D) REFER TO THE FDOT STANDARD PLAN INDEX 425-001 FOR FILTER FABRIC WRAP ON GROUTED PIPE TO STRUCTURE JOINT DETAIL.

**PAY ITEM NOTES**

1. PAY ITEM 110-7-1 - INCLUDES THE COST INCURRED BY THE CONTRACTOR FOR REMOVAL AND DISPOSAL OF EXISTING, NON-SPECIAL MAILBOXES. SPECIAL MAILBOXES IDENTIFIED IN THE PLANS ARE TO REMAIN, BE RESET, OR RELOCATED AS NEEDED. NEW MAILBOXES SHALL UTILIZE SINGLE WOODEN POSTS WITH A BURIED DEPTH BELOW GRADE SUITABLE FOR BREAKAWAY DESIGN PER FDOT STANDARD INDEX 110-200.

**UTILITY OWNERS**

COMSCAST  
KEVIN MURPHY  
12600 WESTLINKS DR  
FORT MYERS, FL 33913  
(941) 356-1489

FLORIDA POWER & LIGHT  
BRIAN GARVER  
1253 12TH AVE E  
PALMETTO, FL 34221  
(813) 422-8232

FRONTIER COMMUNICATIONS  
DENISE HUTTON  
3712 W WALNUT ST.  
TAMPA, FL 33607  
(941) 504-9652

LONGBOAT KEY UTILITIES  
BERT WARNER  
600 GENERAL HARRIS ST.  
LONGBOAT KEY, FL 34228  
(941) 316-1988 EXT. 2217

MCI/VERIZON BUSINESS  
MICHAEL KROL  
7701 E TELECOM PKWY  
TEMPLE TERRACE, FL 33637  
(813) 493-4902

TECO PEOPLES GAS  
ALEX MCFARLANE  
8416 PALM RIVER RD  
TAMPA, FL 33619  
(813) 275-3762

HOTWIRE COMMUNICATIONS  
WALTER DAVILA  
(954) 699-0900



**UTILITY ADJUSTMENT NOTES**

1. NOTIFY "SUNSHINE STATE ONE CALL" (1 800-432-4770) AND ANY OTHER UTILITIES TWO FULL BUSINESS DAYS PRIOR TO CONSTRUCTION OPERATIONS AND PRIOR TO ANY CONNECTION TO EXISTING UTILITIES. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT EXISTING UTILITIES FROM DAMAGE.
2. THE LOCATIONS OF THE UTILITIES IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY.
3. COORDINATE WITH TOWN OF LONGBOAT UTILITIES, AS REQUIRED, TO DETERMINE VALVES TO SHUT DOWN AND THE CITY'S PREFERRED PLAN TO MAINTAIN WATER SERVICE.
4. EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.



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SARASOTA, FL 34236  
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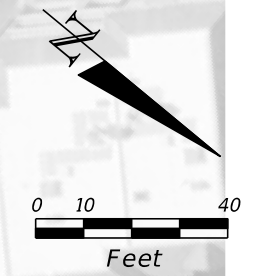
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

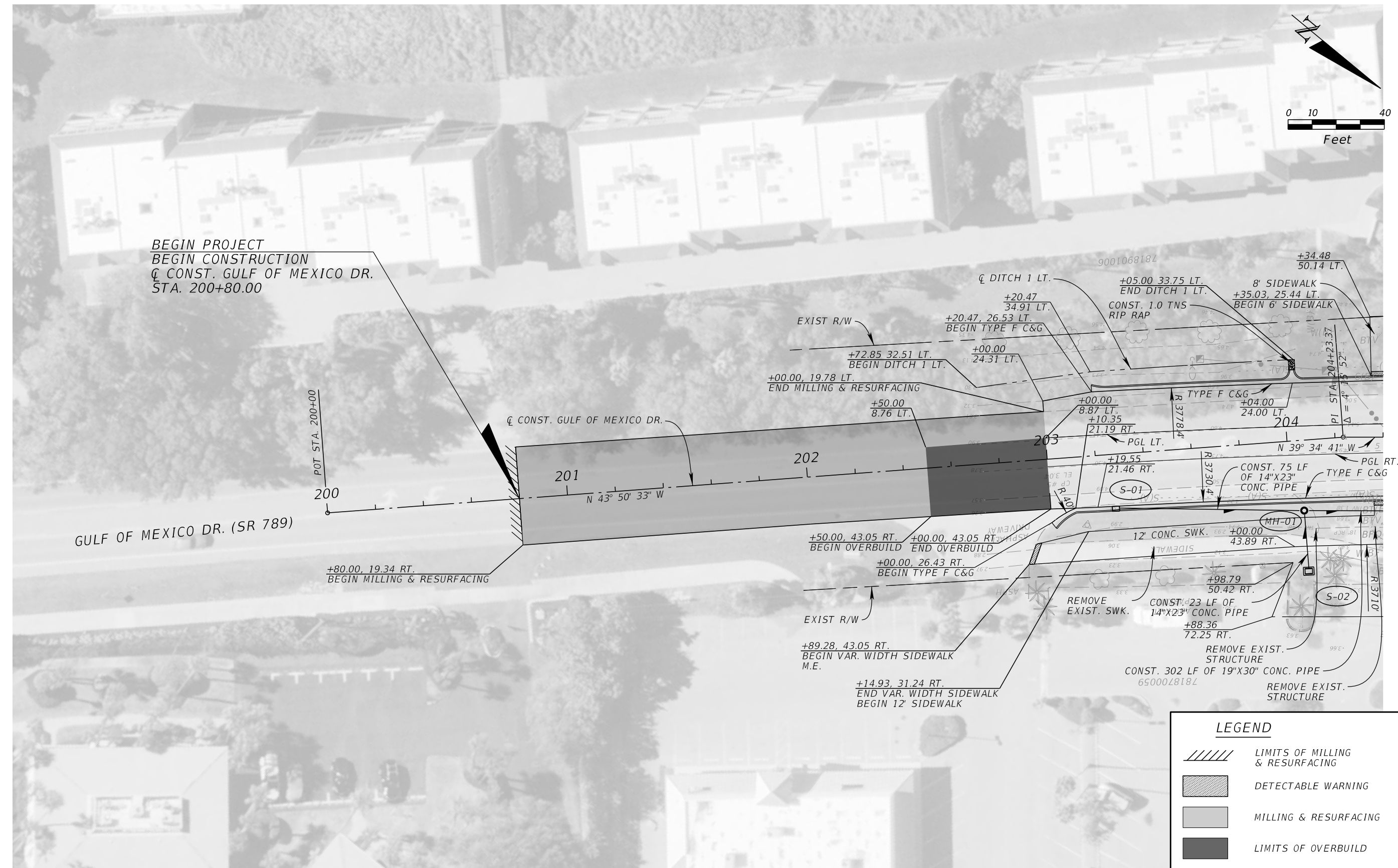
**GENERAL NOTES**

SHEET NO.

12



BEGIN PROJECT  
 BEGIN CONSTRUCTION  
 C CONST. GULF OF MEXICO DR.  
 STA. 200+80.00



LEGEND	
	LIMITS OF MILLING & RESURFACING
	DETECTABLE WARNING
	MILLING & RESURFACING
	LIMITS OF OVERBUILD
M.E.	MATCH EXISTING

DATE	DESCRIPTION	DATE	DESCRIPTION

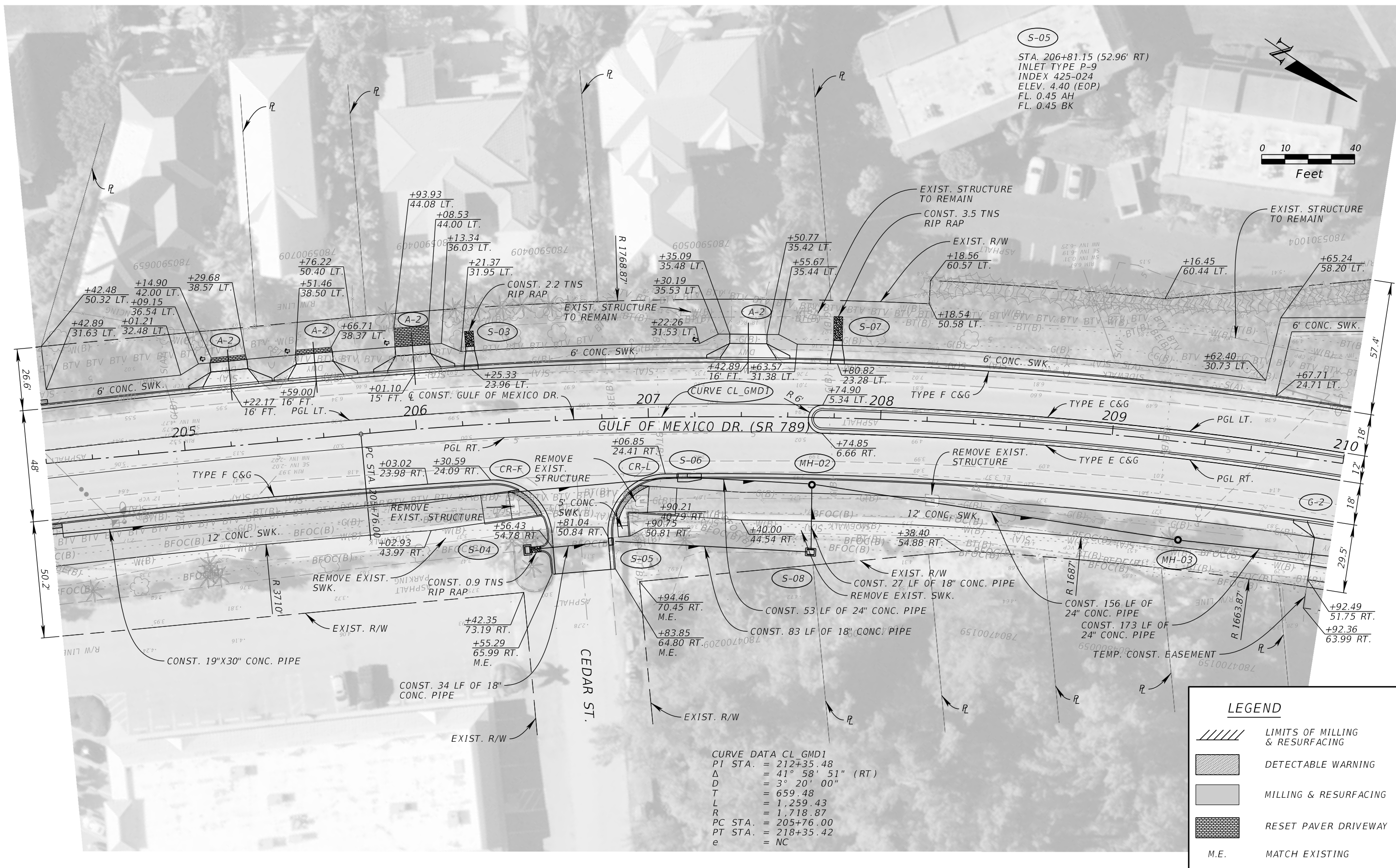
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

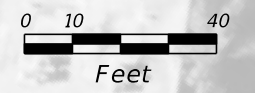
PLAN SHEET (1)

SHEET NO.  
 13

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S-05  
 STA. 206+81.15 (52.96' RT)  
 INLET TYPE P-9  
 INDEX 425-024  
 ELEV. 4.40 (EOP)  
 FL. 0.45 AH  
 FL. 0.45 BK



CURVE DATA CL\_GMD1  
 PI STA. = 212+35.48  
 Δ = 41° 58' 51" (RT)  
 D = 3° 20' 00"  
 T = 659.48  
 L = 1,259.43  
 R = 1,718.87  
 PC STA. = 205+76.00  
 PT STA. = 218+35.42  
 e = NC

LEGEND	
	LIMITS OF MILLING & RESURFACING
	DETECTABLE WARNING
	MILLING & RESURFACING
	RESET PAVER DRIVEWAY
M.E.	MATCH EXISTING

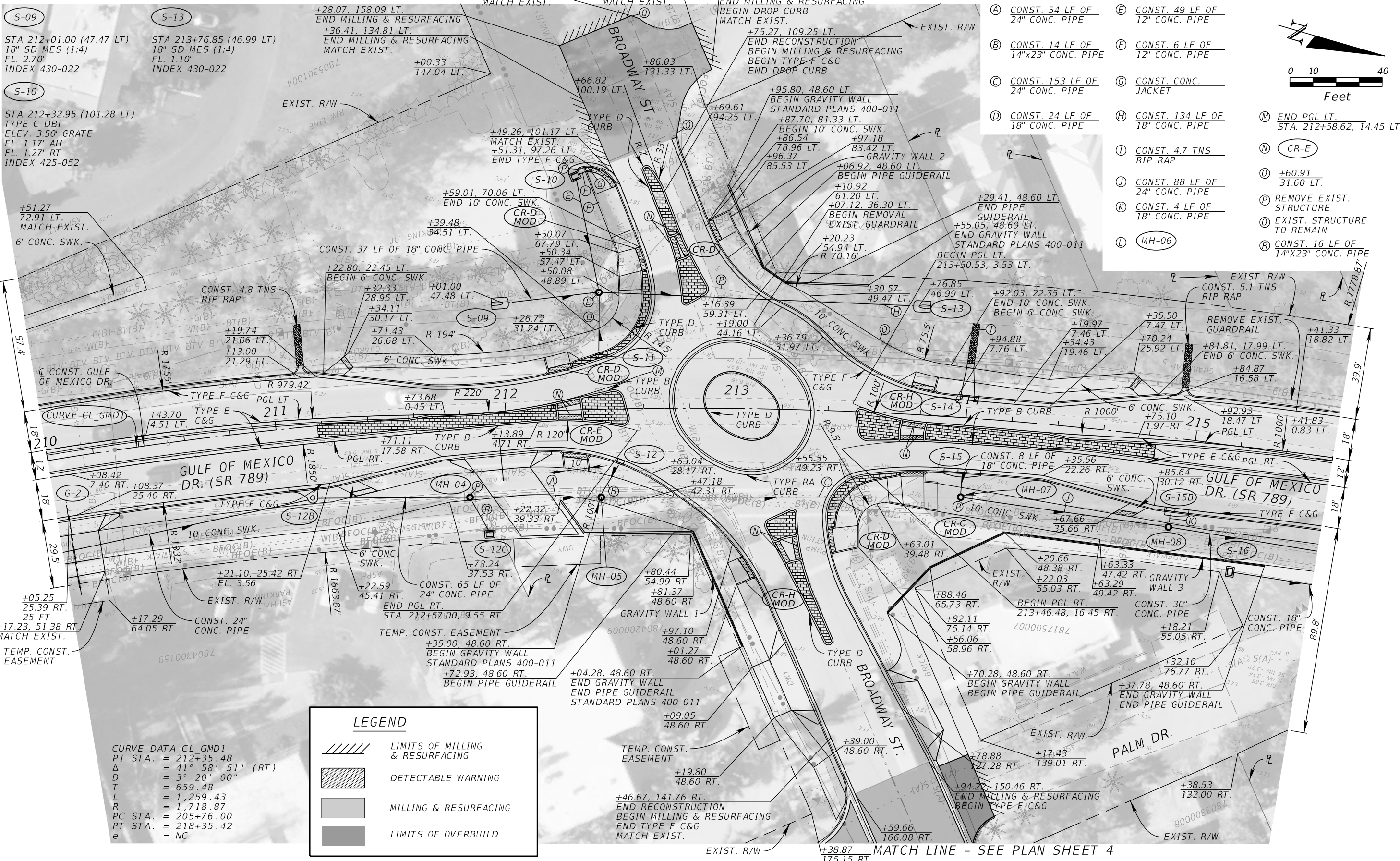
DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**  
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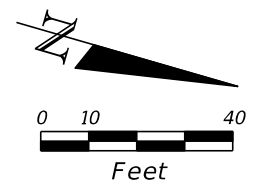
TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

PLAN SHEET (2)  
 SHEET NO. 14

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



- (A) CONST. 54 LF OF 24" CONC. PIPE
- (B) CONST. 14 LF OF 14"x23" CONC. PIPE
- (C) CONST. 153 LF OF 24" CONC. PIPE
- (D) CONST. 24 LF OF 18" CONC. PIPE
- (E) CONST. 49 LF OF 12" CONC. PIPE
- (F) CONST. 6 LF OF 12" CONC. PIPE
- (G) CONST. CONC. JACKET
- (H) CONST. 134 LF OF 18" CONC. PIPE
- (I) CONST. 4.7 TNS RIP RAP
- (J) CONST. 88 LF OF 24" CONC. PIPE
- (K) CONST. 4 LF OF 18" CONC. PIPE
- (L) (MH-06)
- (M) END PGL LT. STA. 212+58.62, 14.45 LT.
- (N) (CR-E)
- (O) +60.91 31.60 LT.
- (P) REMOVE EXIST. STRUCTURE
- (Q) EXIST. STRUCTURE TO REMAIN
- (R) CONST. 16 LF OF 14"x23" CONC. PIPE



**LEGEND**

- LIMITS OF MILLING & RESURFACING
- DETECTABLE WARNING
- MILLING & RESURFACING
- LIMITS OF OVERBUILD

**CURVE DATA CL GMD1**  
 PI STA. = 212+35.48  
 Δ = 41° 58' 51" (RT)  
 D = 3° 20' 00"  
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 R = 1,718.87  
 PC STA. = 205+76.00  
 PT STA. = 218+35.42  
 e = NC

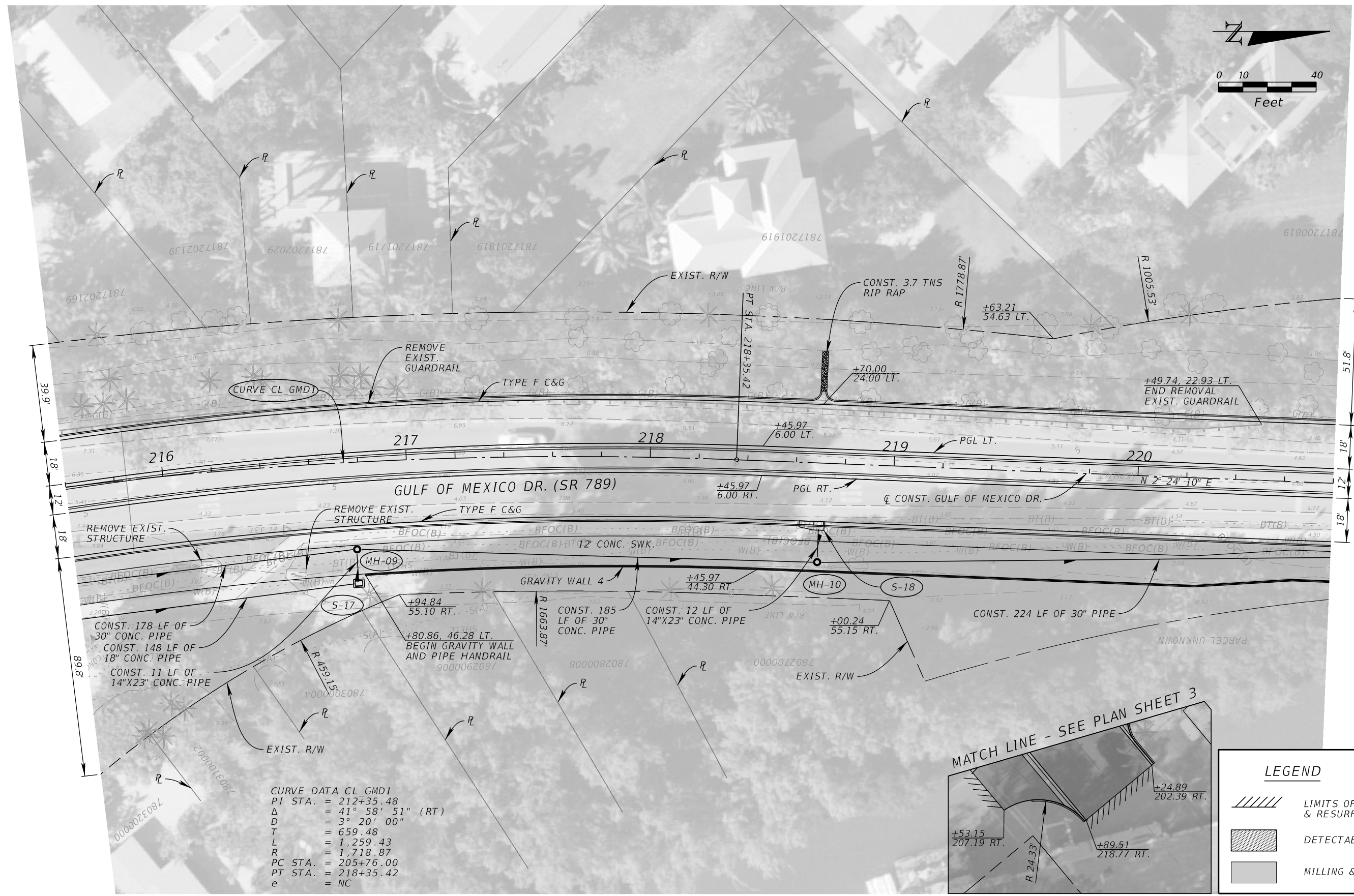
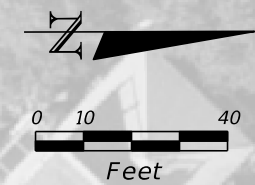
DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**  
 GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

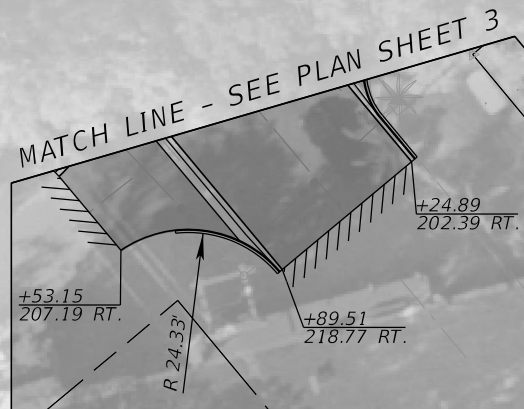
**TOWN OF LONGBOAT KEY**  
**GULF OF MEXICO DRIVE**

**PLAN SHEET (3)**  
 SHEET NO. **15**

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**CURVE DATA CL GMD1**  
 PI STA. = 212+35.48  
 Δ = 41° 58' 51" (RT)  
 D = 3° 20' 00"  
 T = 659.48  
 L = 1,259.43  
 R = 1,718.87  
 PC STA. = 205+76.00  
 PT STA. = 218+35.42  
 e = NC



LEGEND	
	LIMITS OF MILLING & RESURFACING
	DETECTABLE WARNING
	MILLING & RESURFACING

DATE	DESCRIPTION	DATE	DESCRIPTION

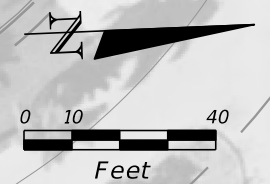
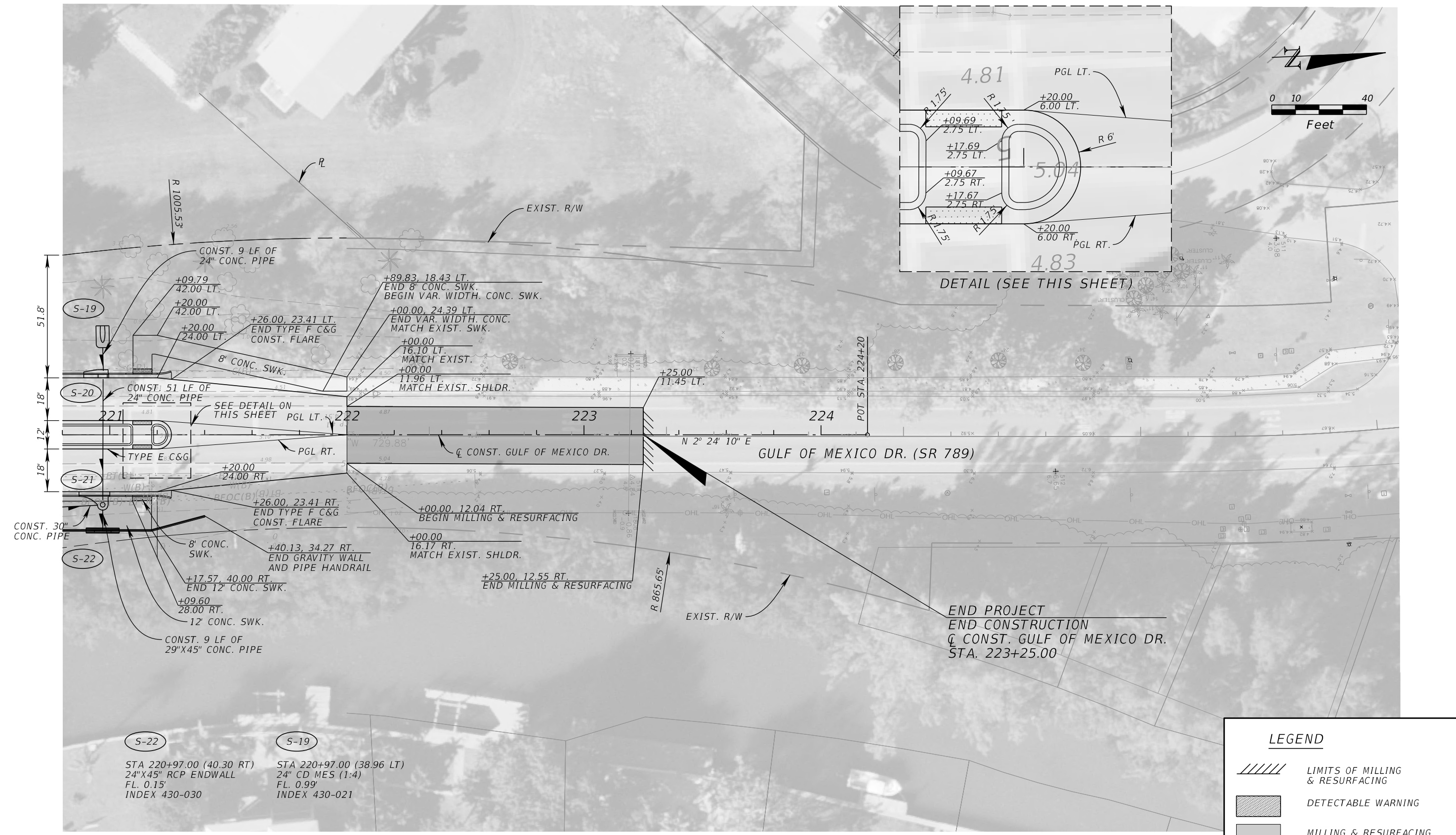
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

**PLAN SHEET (4)**  
 SHEET NO. 16

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LEGEND	
	LIMITS OF MILLING & RESURFACING
	DETECTABLE WARNING
	MILLING & RESURFACING

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

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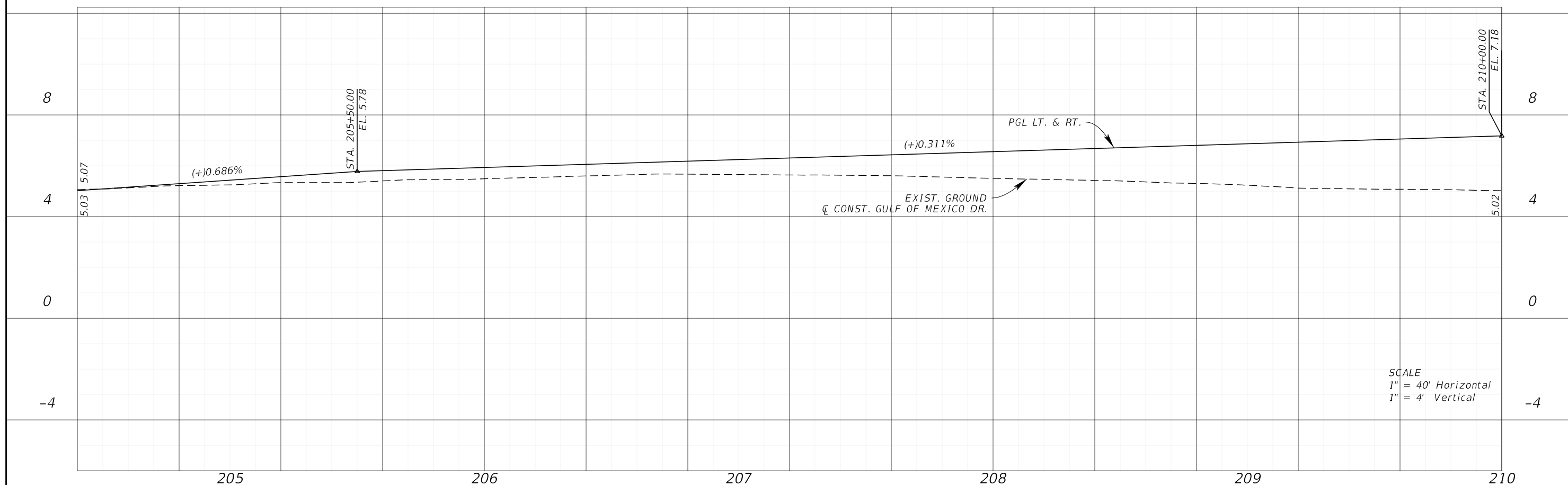
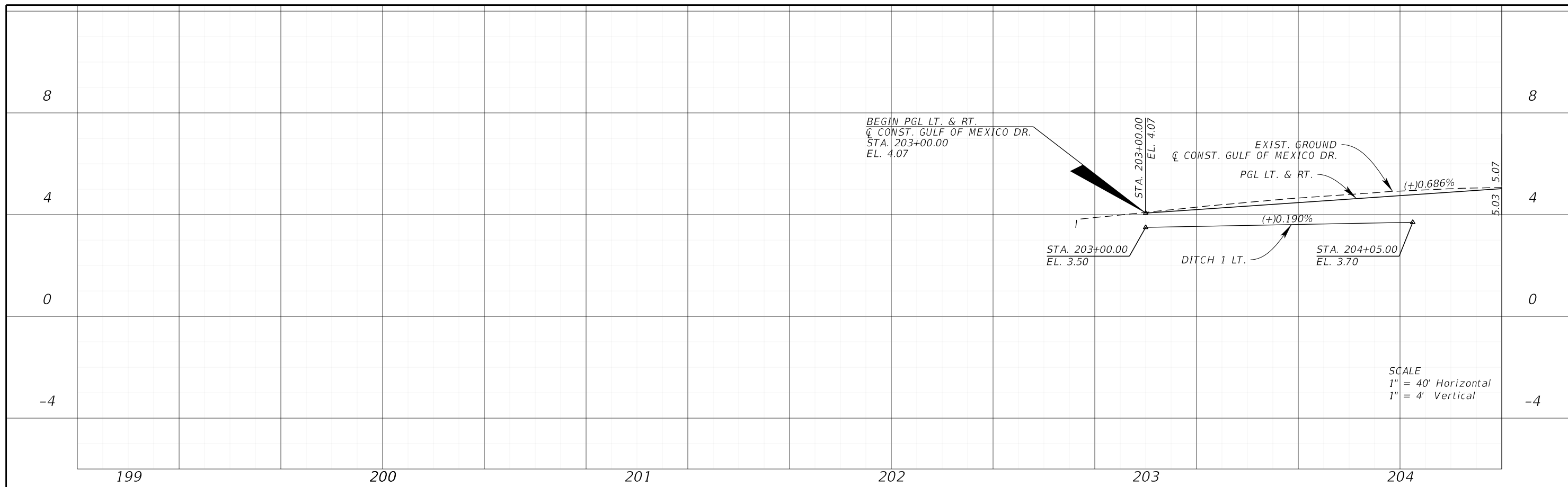
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

PLAN SHEET (5)

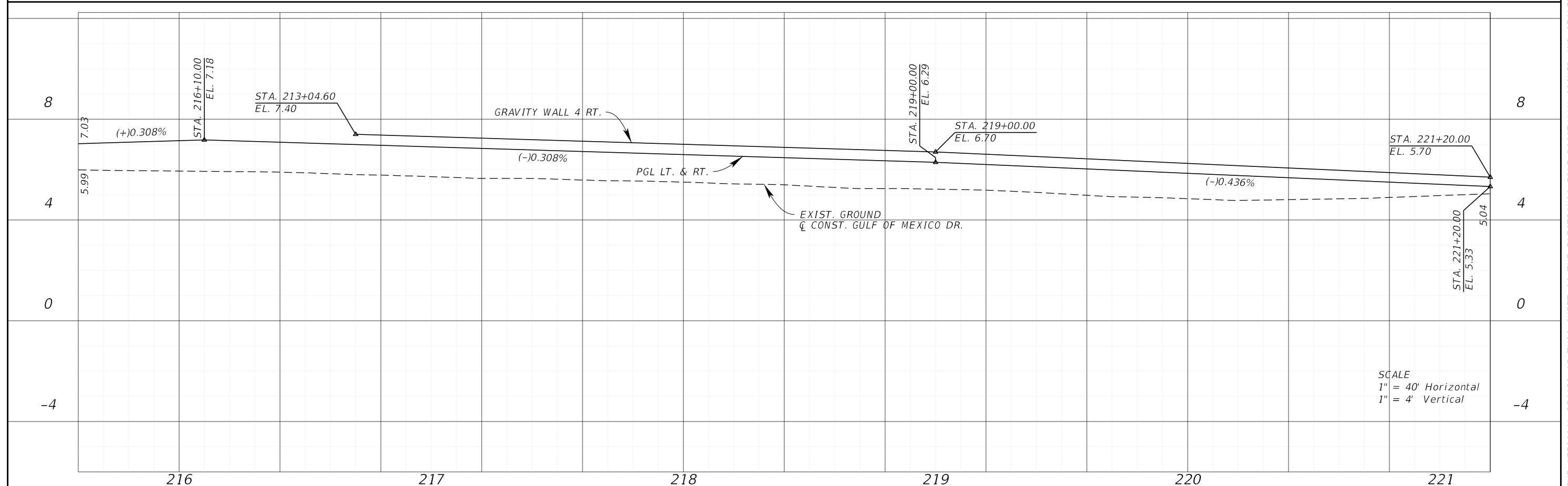
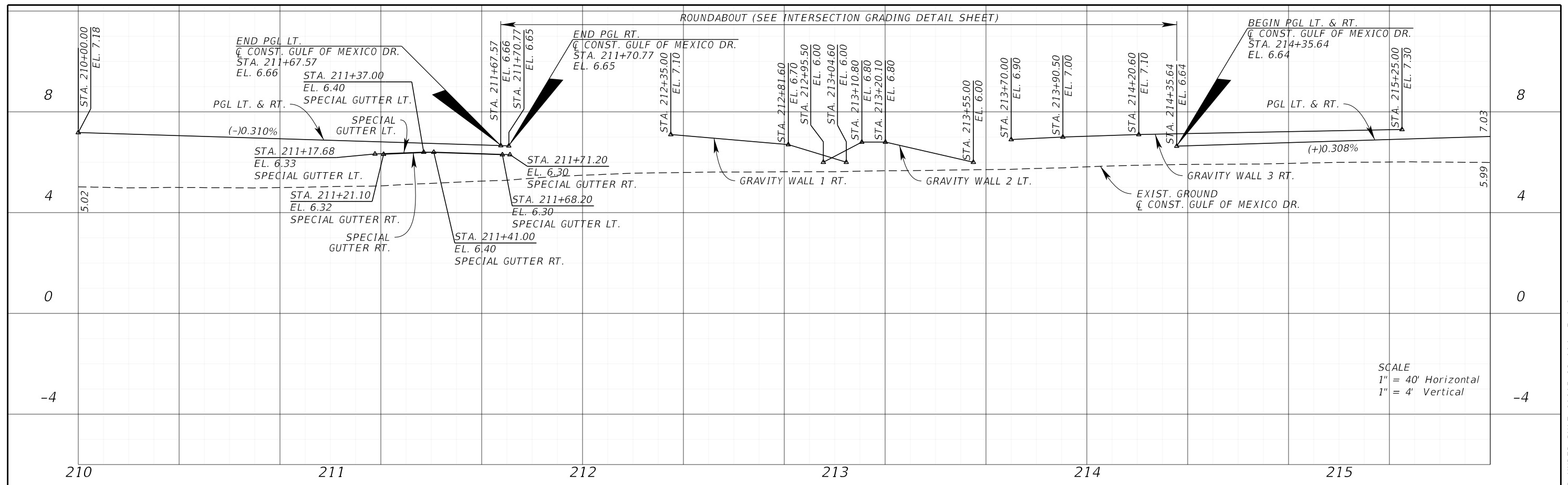
SHEET NO.  
17

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DATE	DESCRIPTION	DATE	DESCRIPTION	<b>Kimley»Horn</b> <small>GARY J. NADEAU, P.E.          P.E. LICENSE NUMBER: 49629          1800 SECOND STREET, SUITE 900          SARASOTA, FL 34236          (941) 379-7600</small>	TOWN OF LONGBOAT KEY  GULF OF MEXICO DRIVE	<b>PROFILE SHEET</b>	SHEET NO.
							18

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

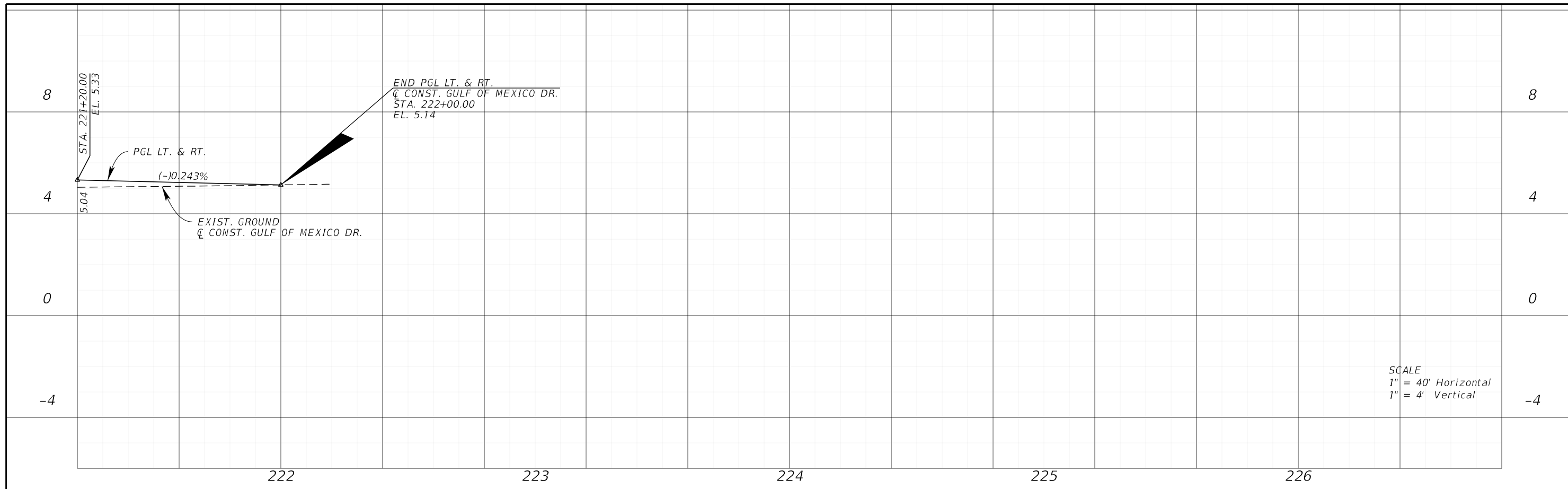


SCALE  
 1" = 40' Horizontal  
 1" = 4' Vertical

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

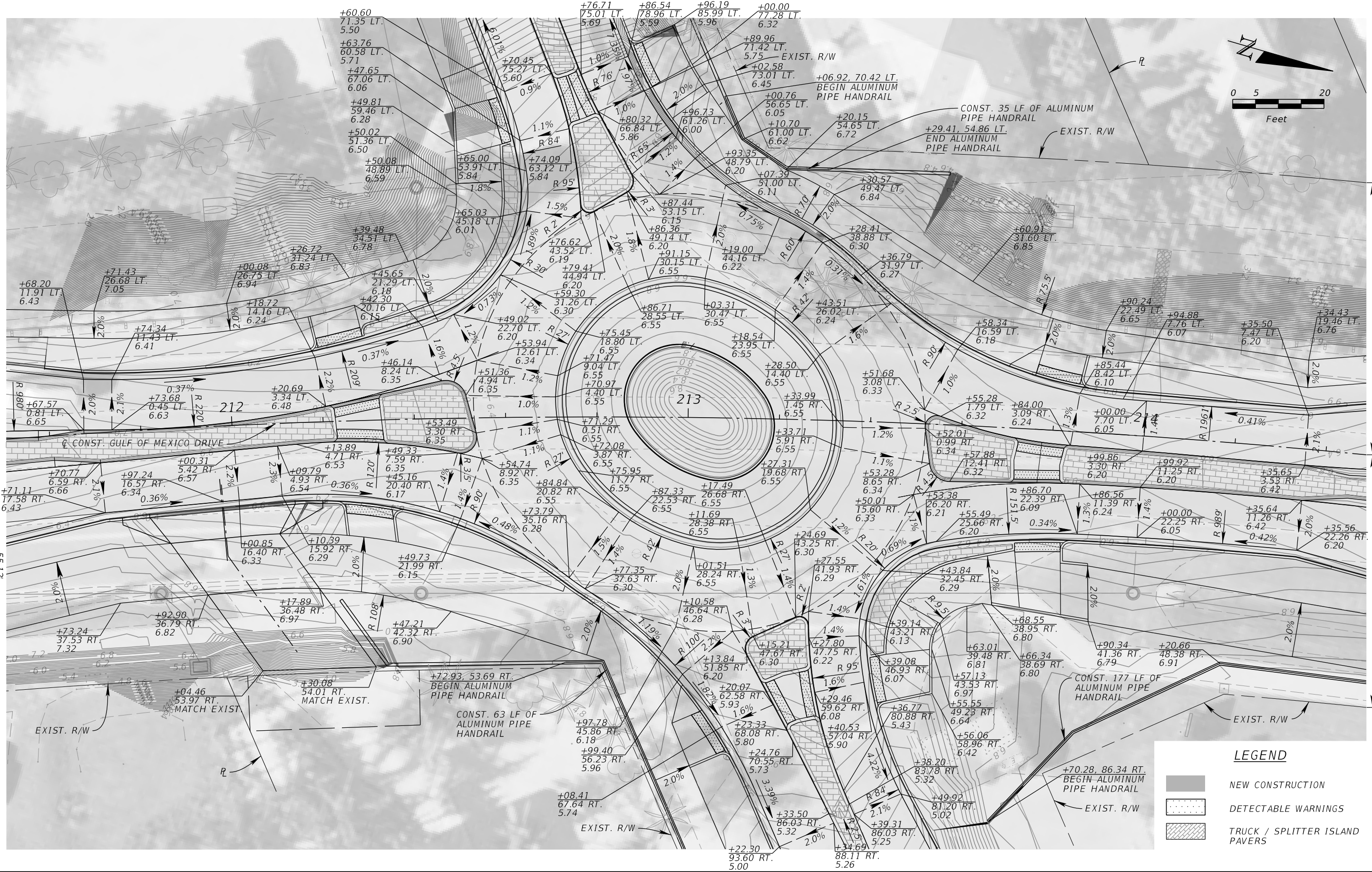
DATE	DESCRIPTION	DATE	DESCRIPTION		TOWN OF LONGBOAT KEY	<p align="center"><b>PROFILE SHEET</b></p>	SHEET NO.
					GULF OF MEXICO DRIVE		19

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DATE	DESCRIPTION	DATE	DESCRIPTION		TOWN OF LONGBOAT KEY	<p><i>PROFILE SHEET</i></p>	SHEET NO.
					<small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>		GULF OF MEXICO DRIVE



**LEGEND**

	NEW CONSTRUCTION
	DETECTABLE WARNINGS
	TRUCK / SPLITTER ISLAND PAVERS

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

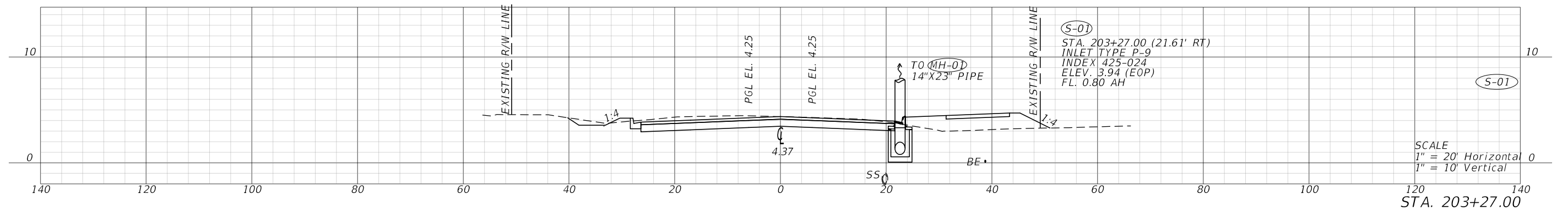
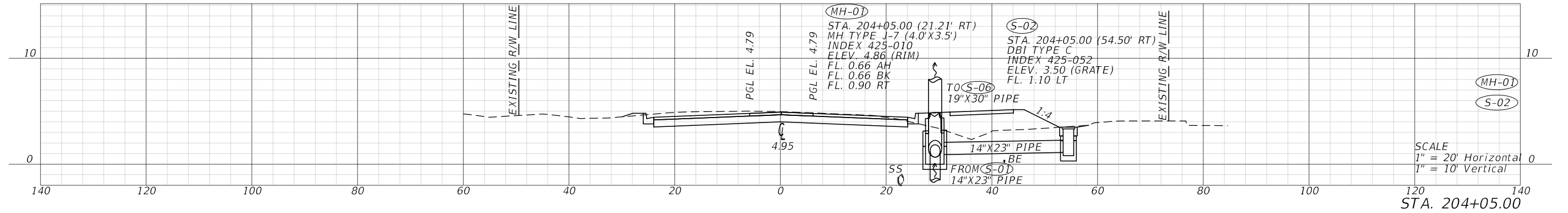
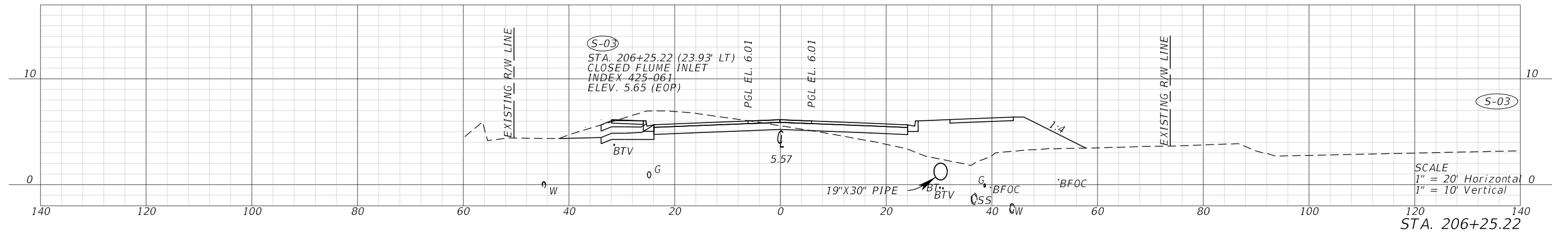
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

**ROUNDABOUT GEOMETRY  
 AND GRADING DETAIL**

SHEET NO.  
 21

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DATE	DESCRIPTION	DATE	DESCRIPTION

GARY J. NADEAU, P.E.  
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SARASOTA, FL 34236  
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TOWN OF LONGBOAT KEY

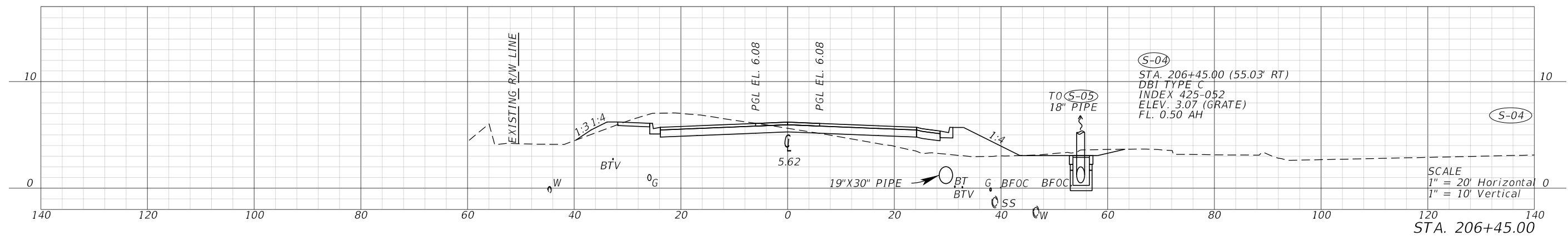
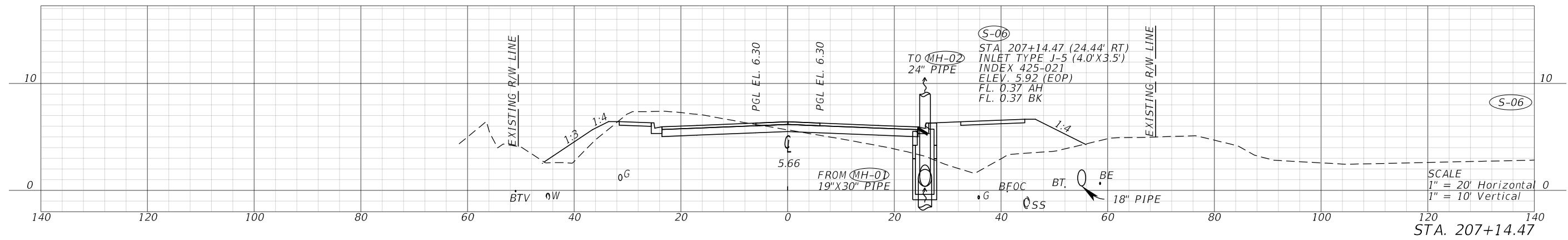
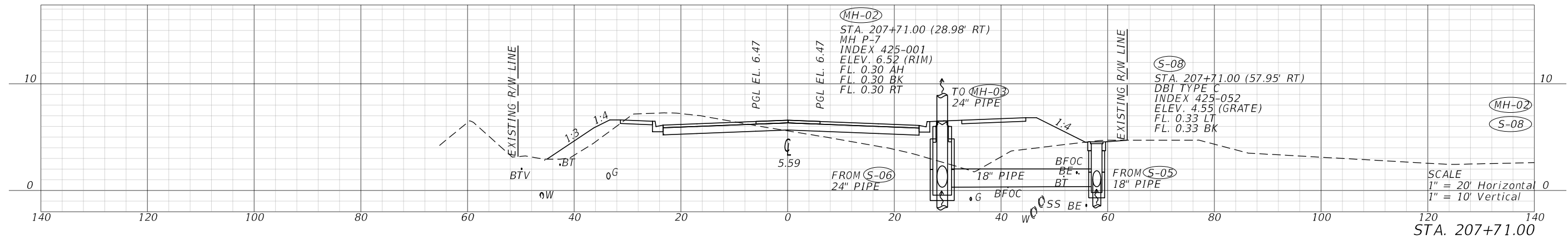
GULF OF MEXICO DRIVE

**DRAINAGE STRUCTURES**

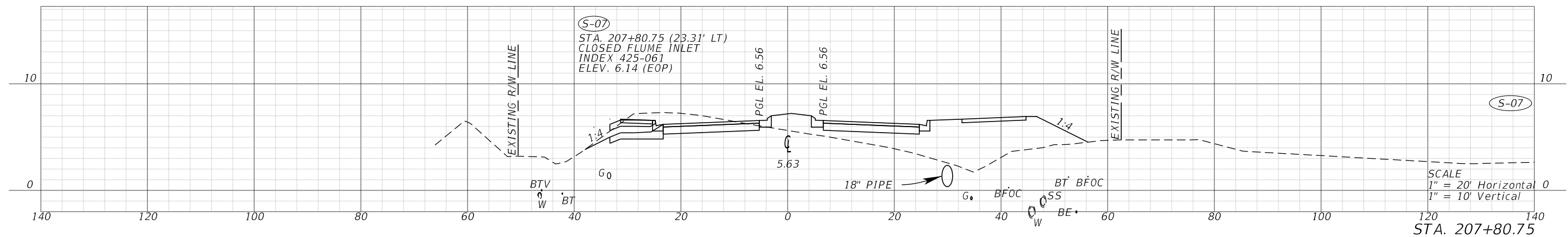
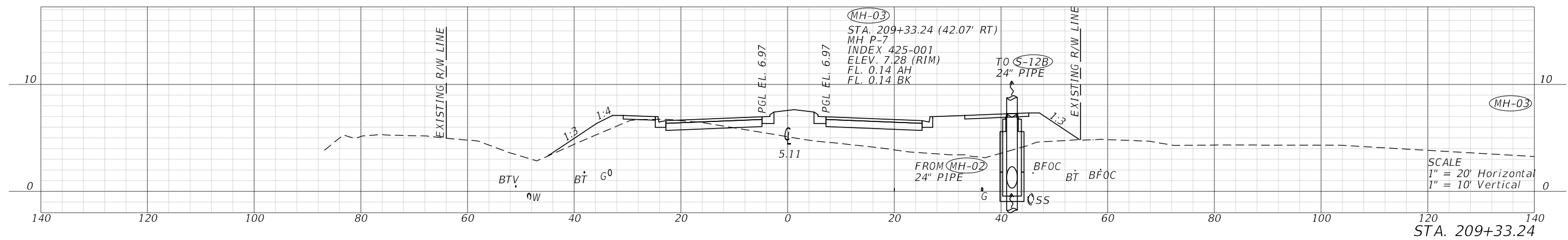
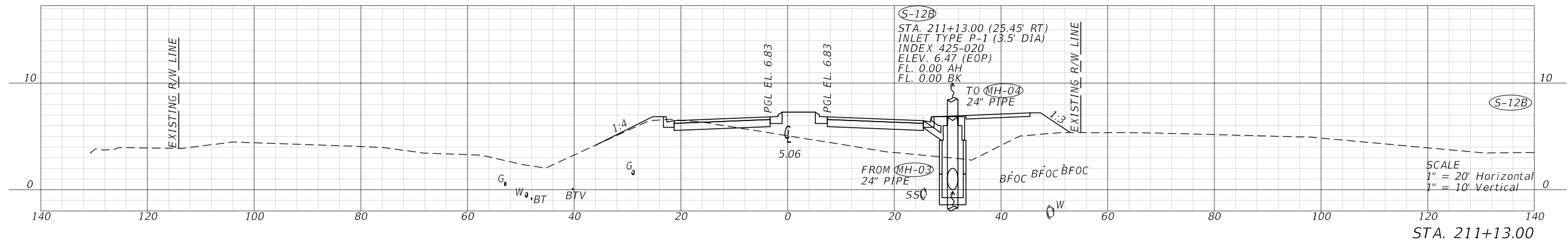
SHEET NO.

**22**

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DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>DRAINAGE STRUCTURES</b>	SHEET NO.
					GULF OF MEXICO DRIVE		23



DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

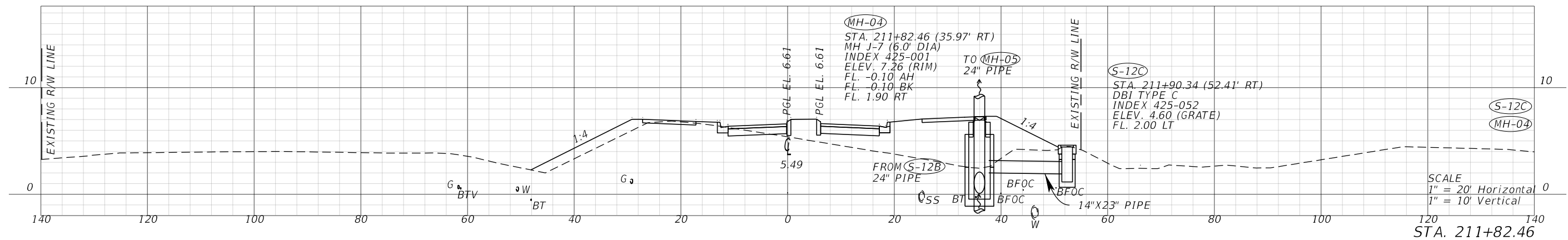
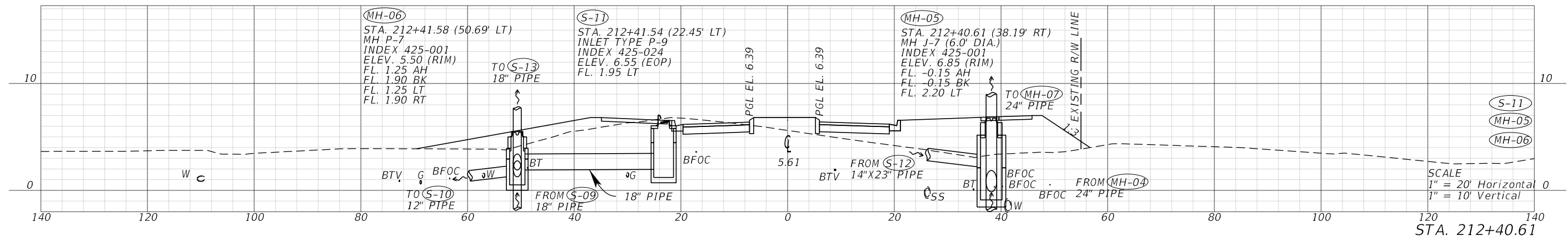
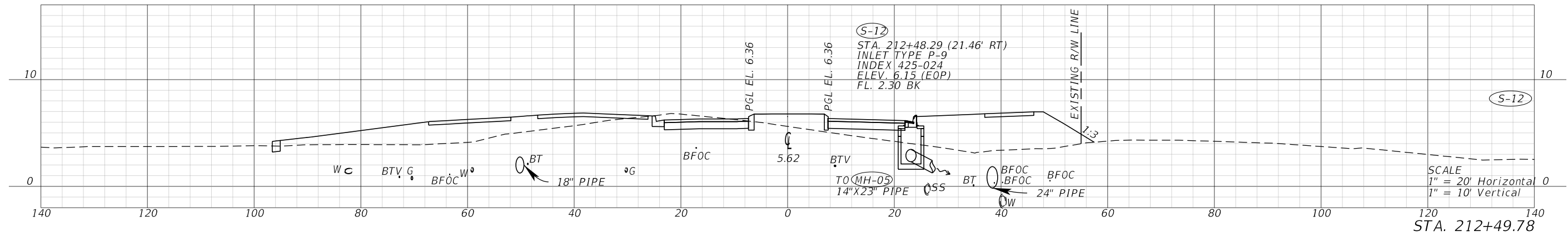
GULF OF MEXICO DRIVE

**DRAINAGE STRUCTURES**

SHEET NO.

24





DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

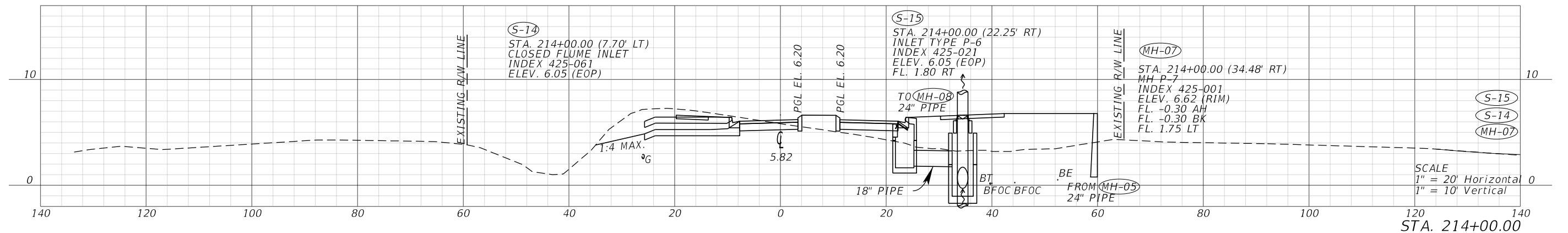
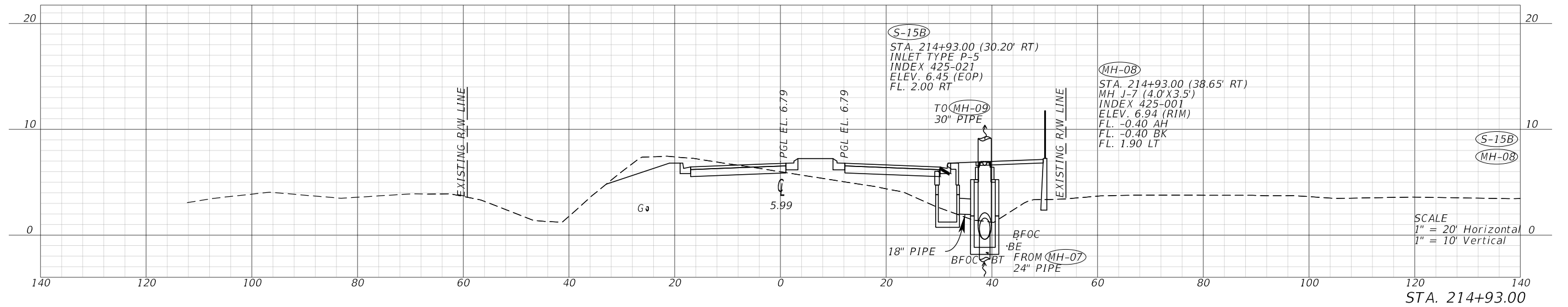
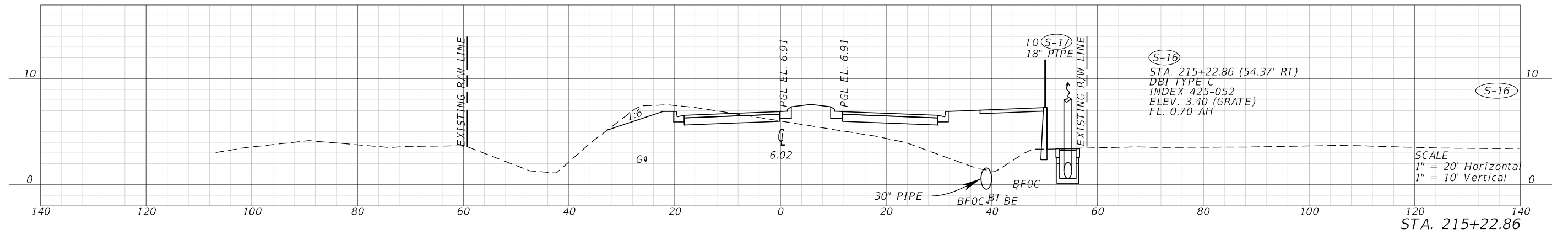
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

**DRAINAGE STRUCTURES**

SHEET NO.

25



DATE	DESCRIPTION	DATE	DESCRIPTION

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

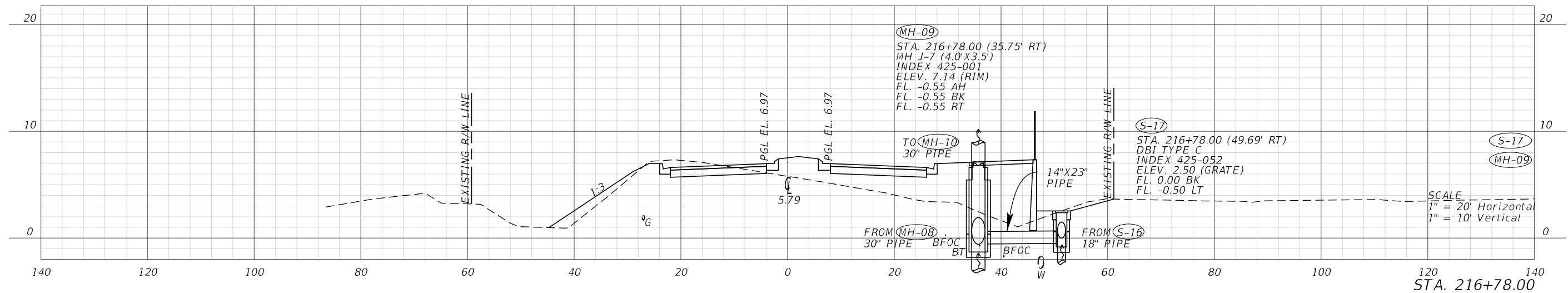
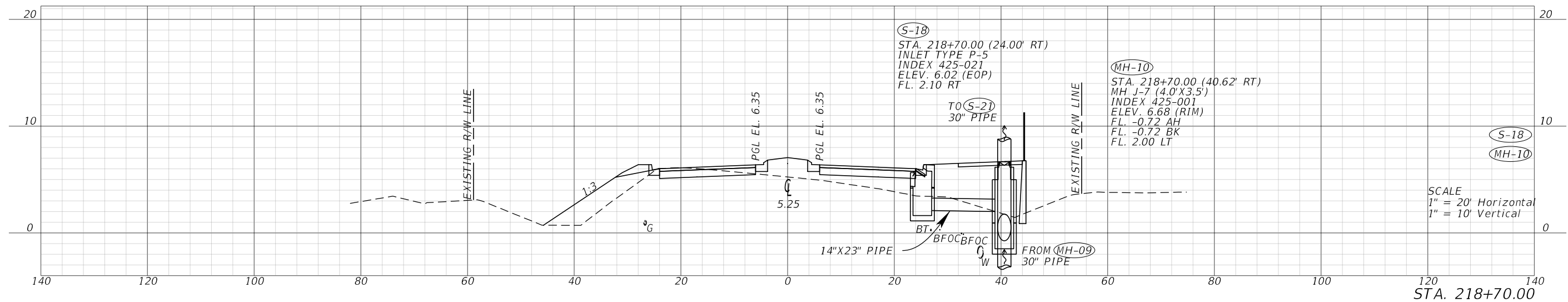
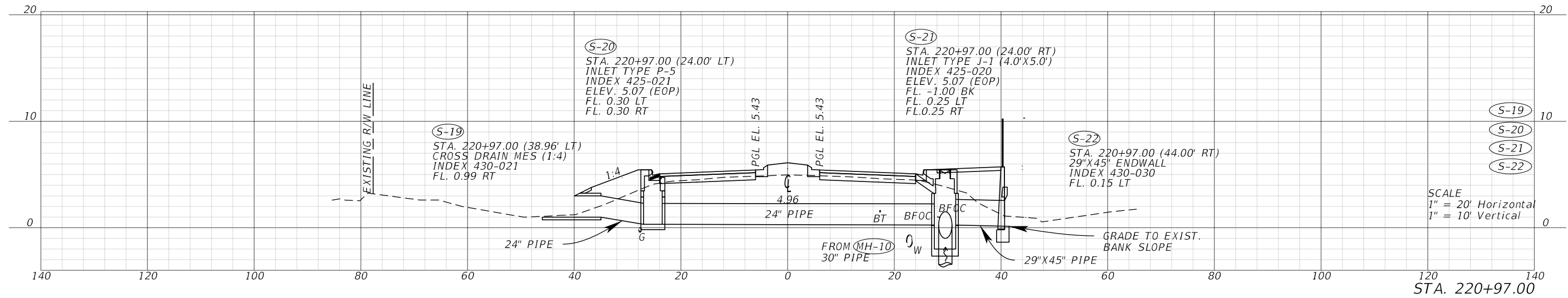
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

**DRAINAGE STRUCTURES**

SHEET NO.

**26**



DATE	DESCRIPTION	DATE	DESCRIPTION

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

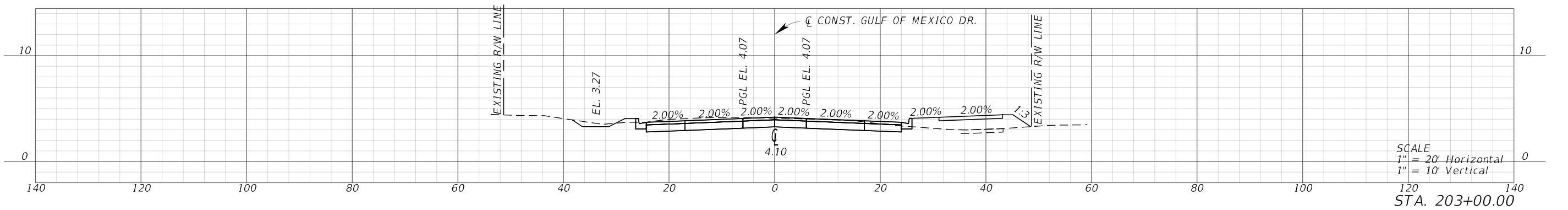
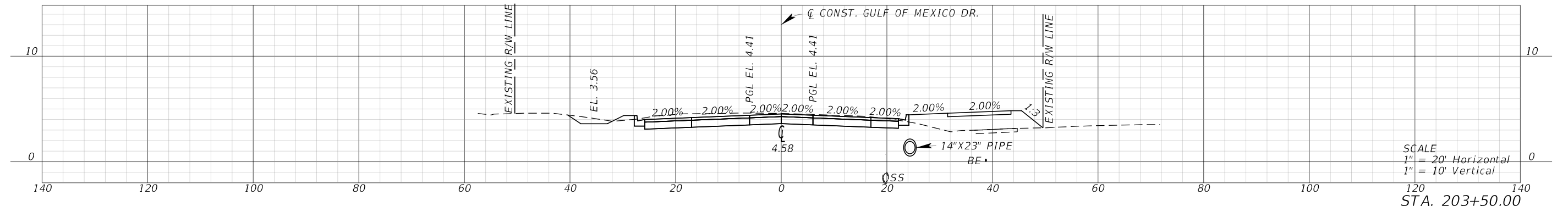
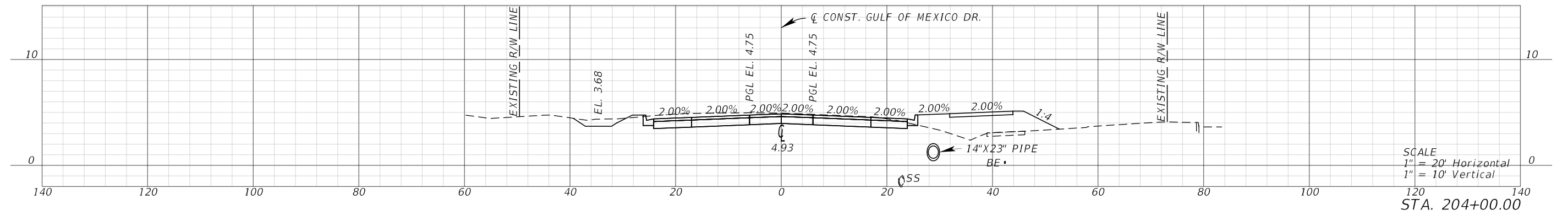
**TOWN OF LONGBOAT KEY**

**GULF OF MEXICO DRIVE**

**DRAINAGE STRUCTURES**

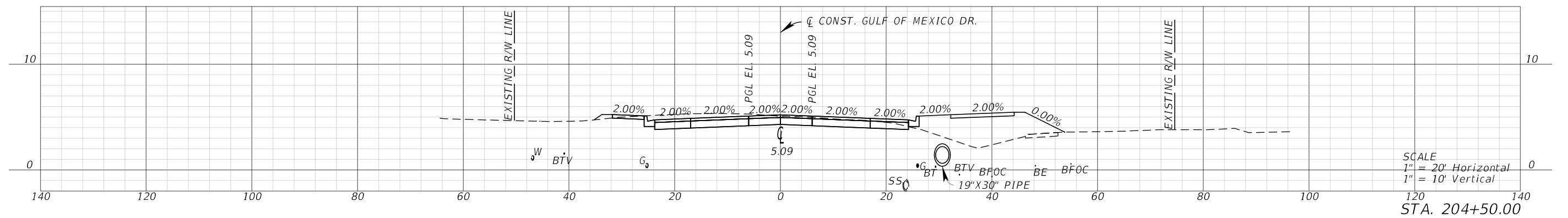
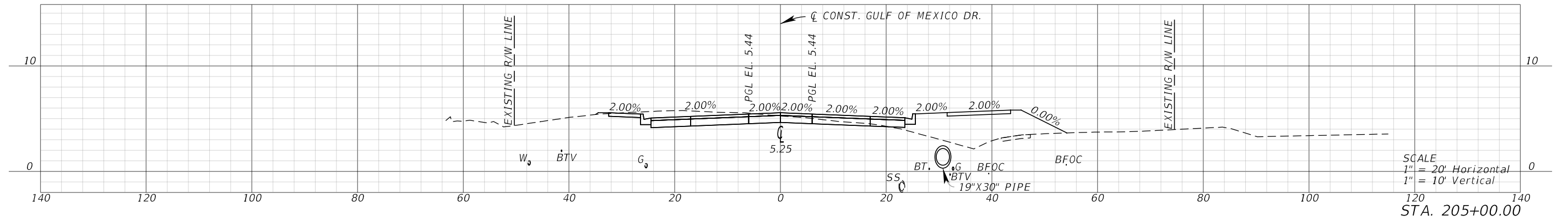
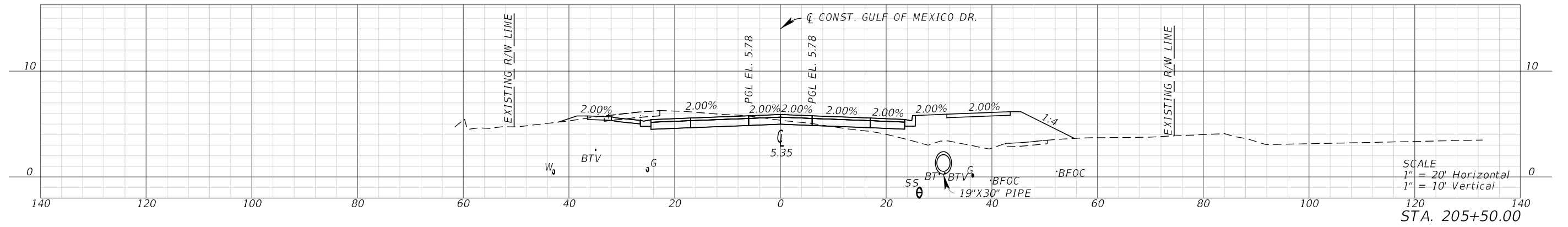
SHEET NO.

**27**

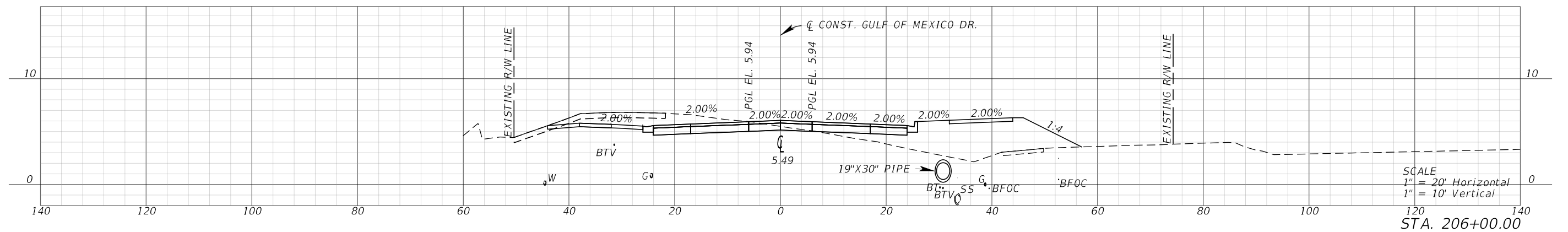
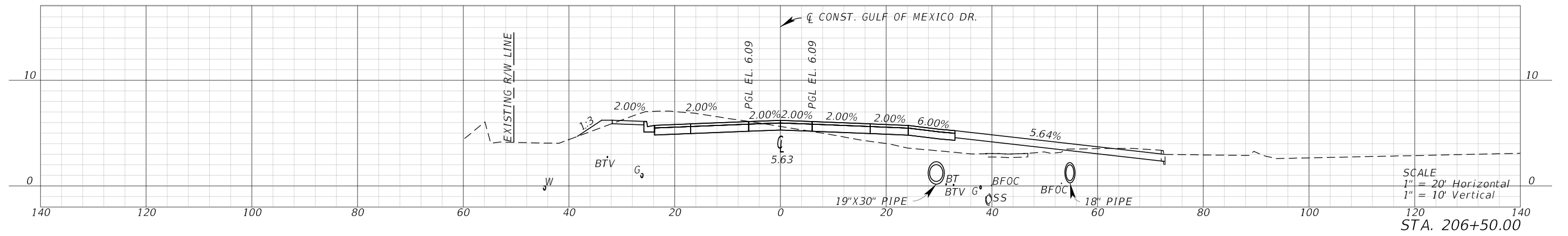
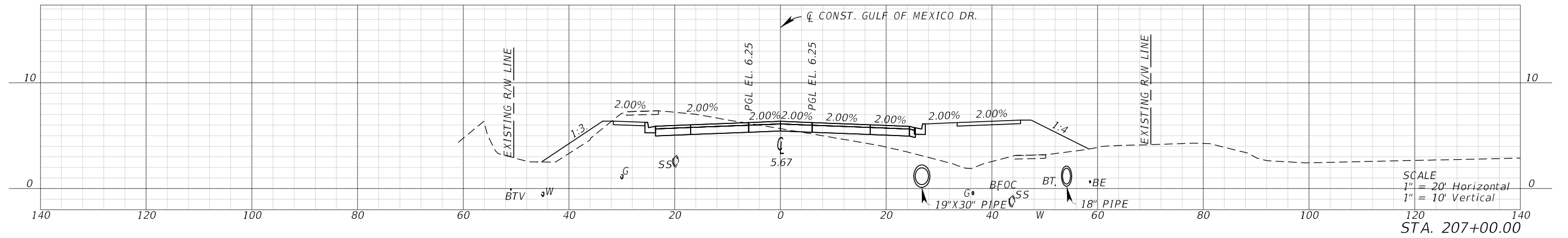


BEGIN PROJECT 200+80.00  
BEGIN EARTHWORK 203+00.00

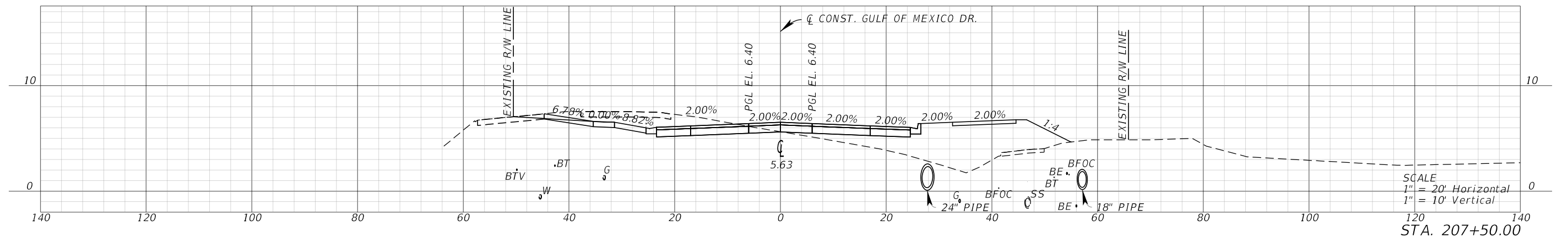
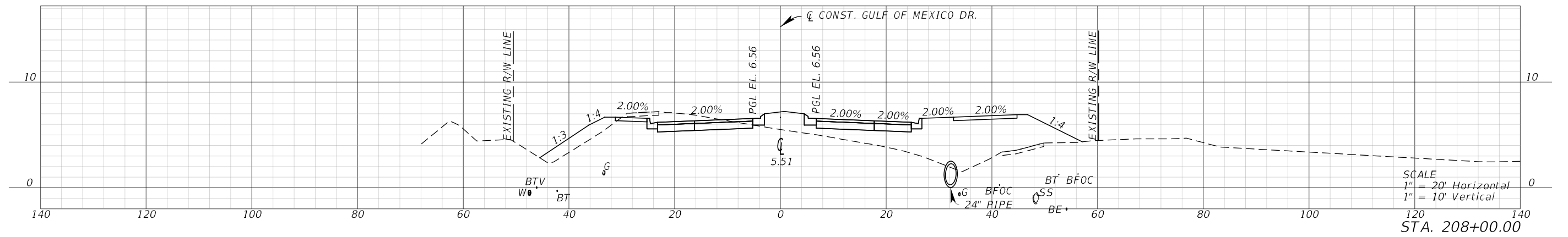
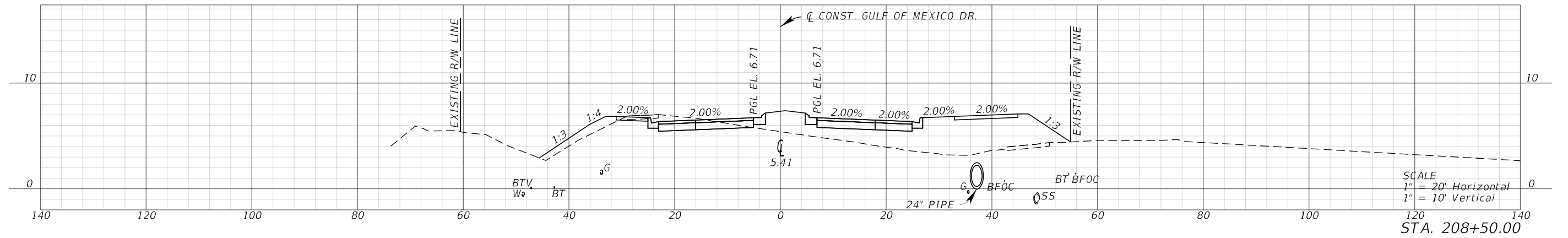
DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>CROSS SECTIONS</b>	SHEET NO.
					GULF OF MEXICO DRIVE		28



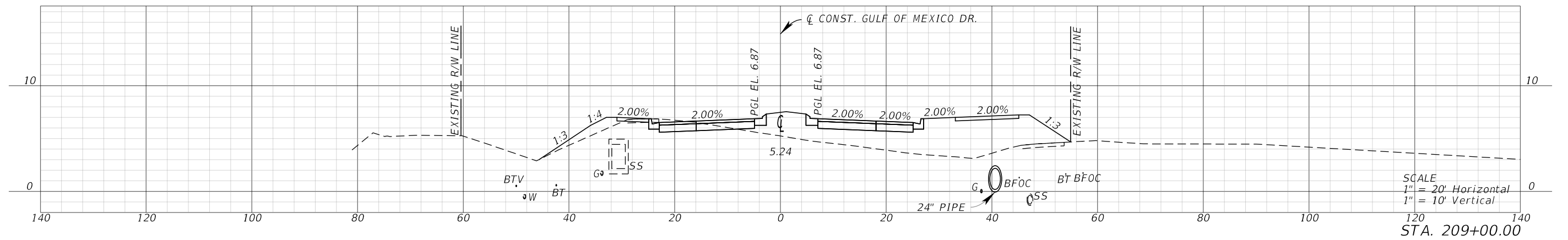
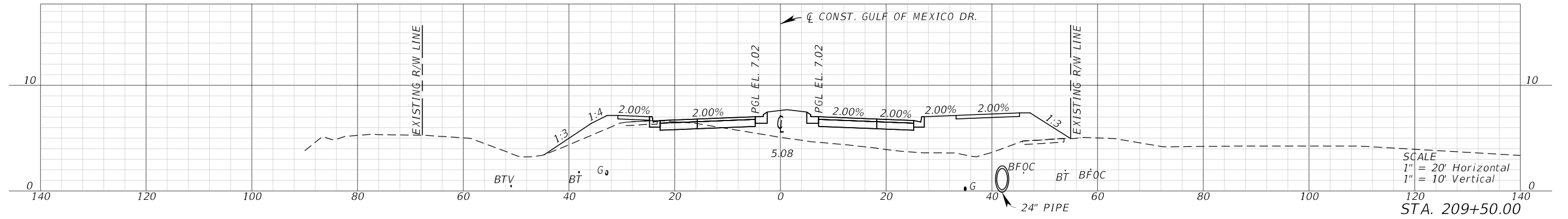
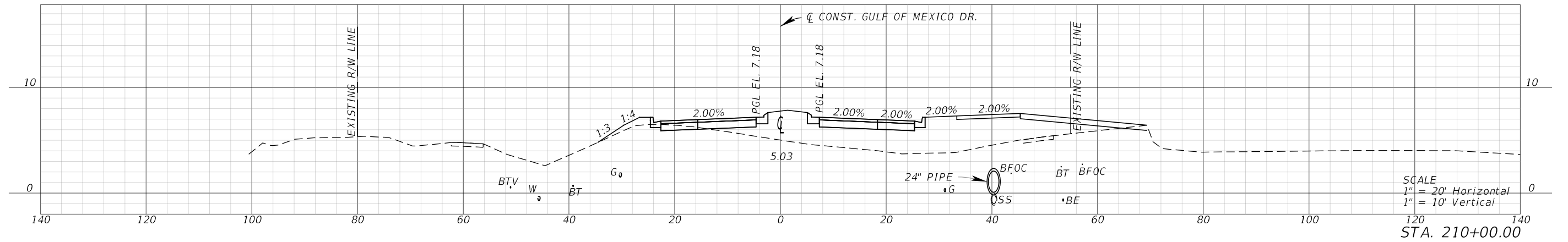
DATE	DESCRIPTION	DATE	DESCRIPTION		TOWN OF LONGBOAT KEY  GULF OF MEXICO DRIVE	<b>CROSS SECTIONS</b>	SHEET NO.
							GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600



DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<p style="text-align: center;"><b>CROSS SECTIONS</b></p>	SHEET NO.
					GULF OF MEXICO DRIVE		30

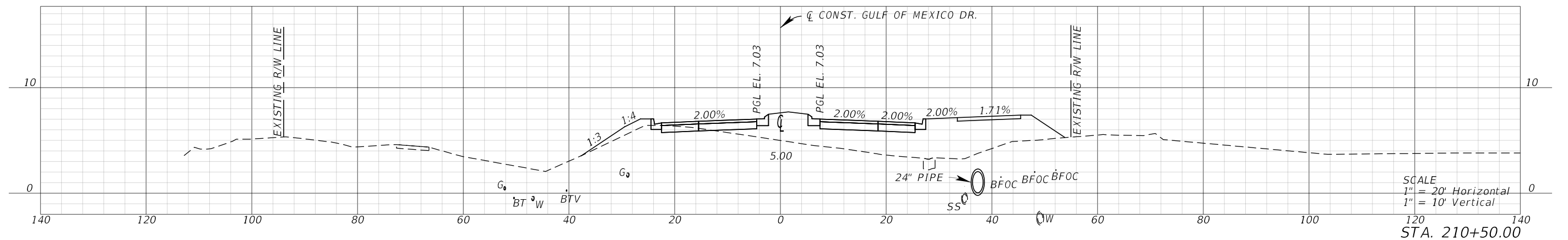
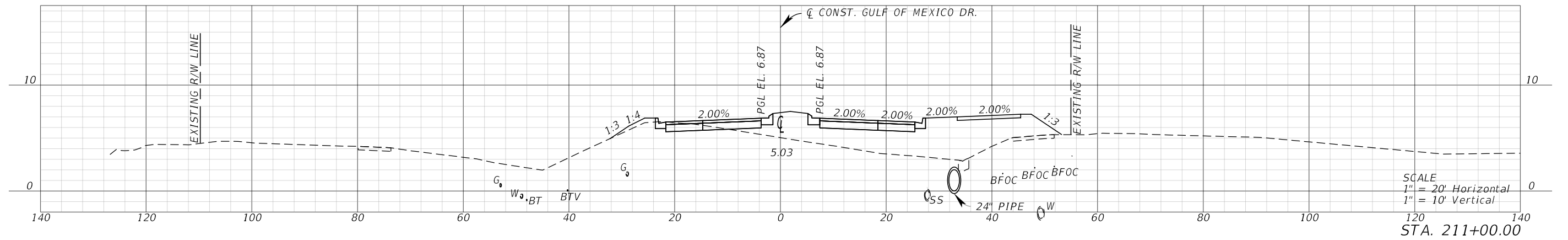
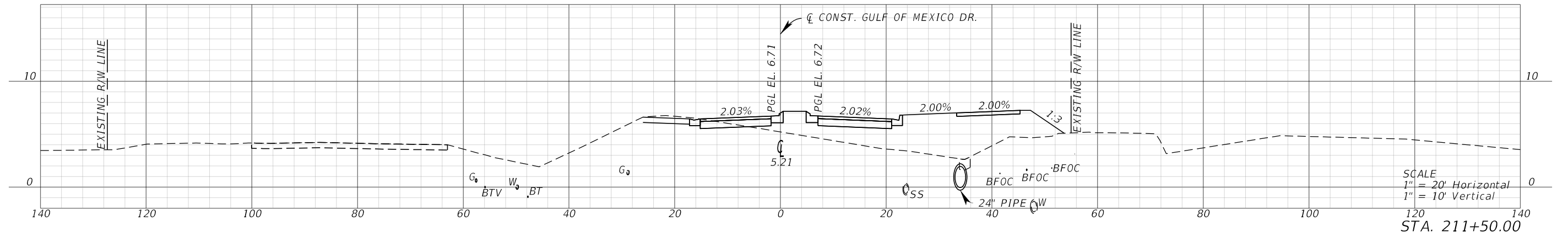


DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E.          P.E. LICENSE NUMBER: 49629          1800 SECOND STREET, SUITE 900          SARASOTA, FL 34236          (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>CROSS SECTIONS</b>	SHEET NO.
					GULF OF MEXICO DRIVE		31

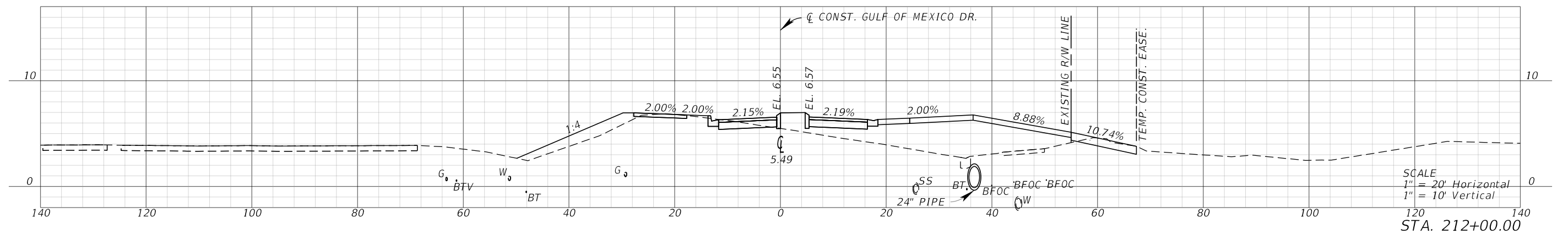
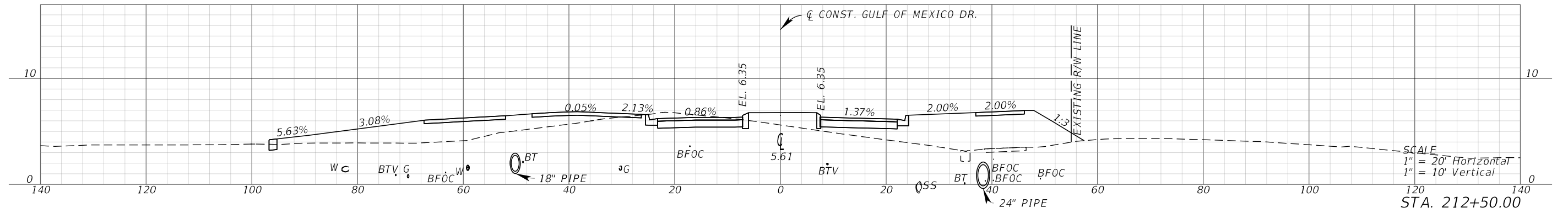
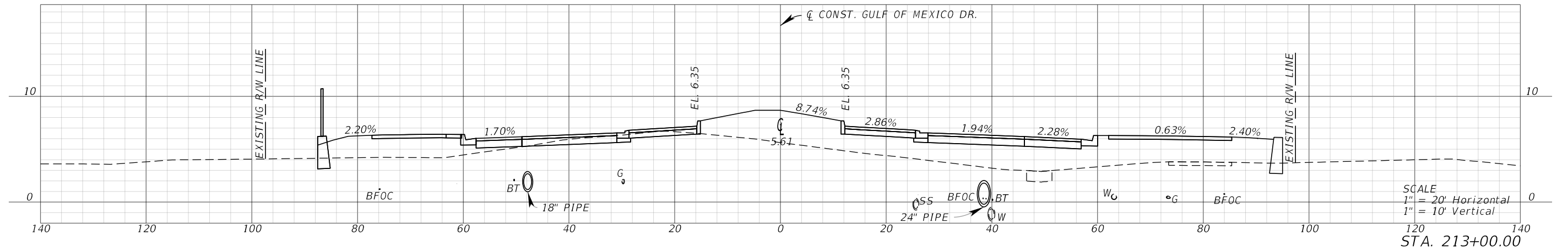


DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>CROSS SECTIONS</b>	SHEET NO.
					GULF OF MEXICO DRIVE		32

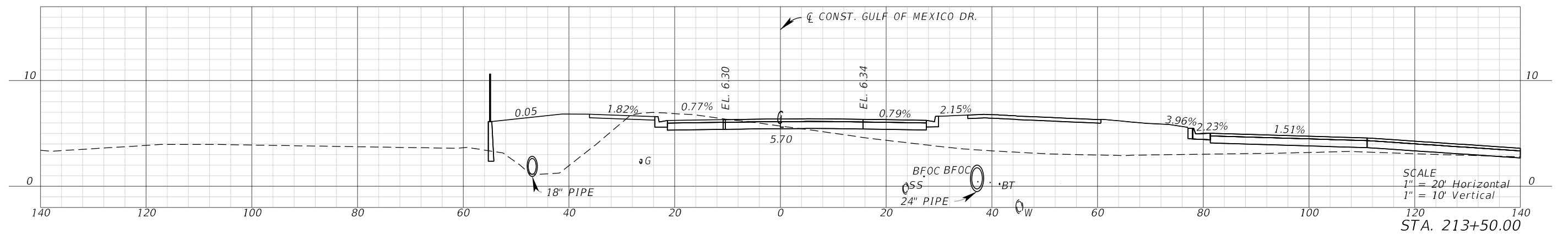
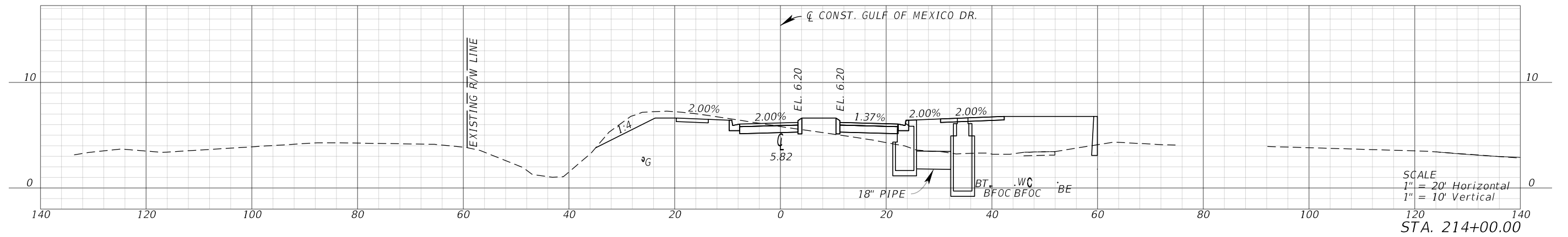
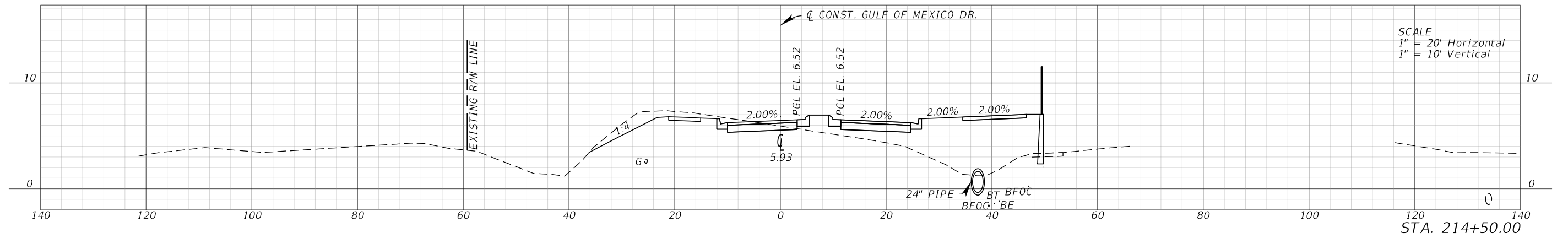




DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E.  P.E. LICENSE NUMBER: 49629  1800 SECOND STREET, SUITE 900  SARASOTA, FL 34236  (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>CROSS SECTIONS</b>	SHEET NO.
					GULF OF MEXICO DRIVE		33

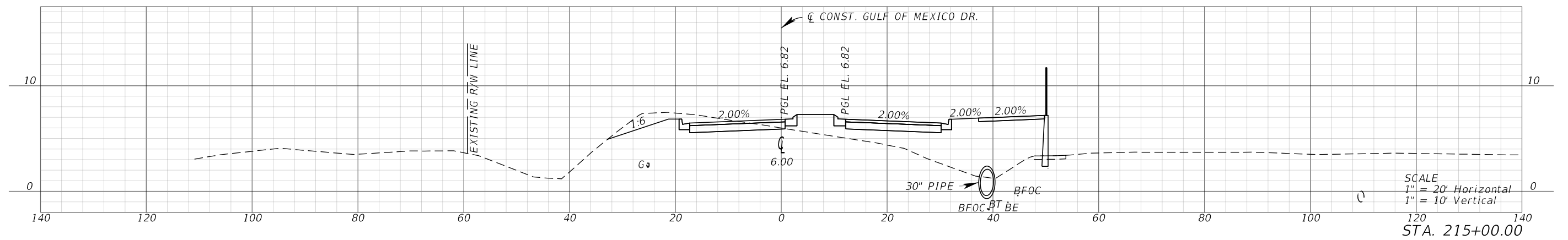
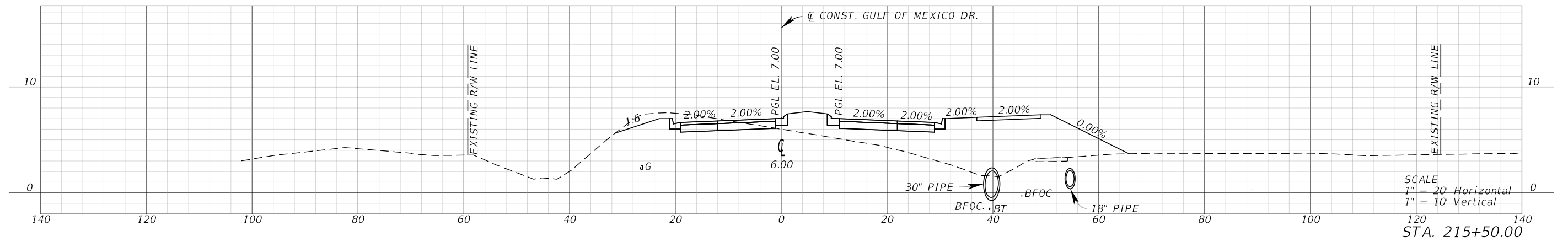
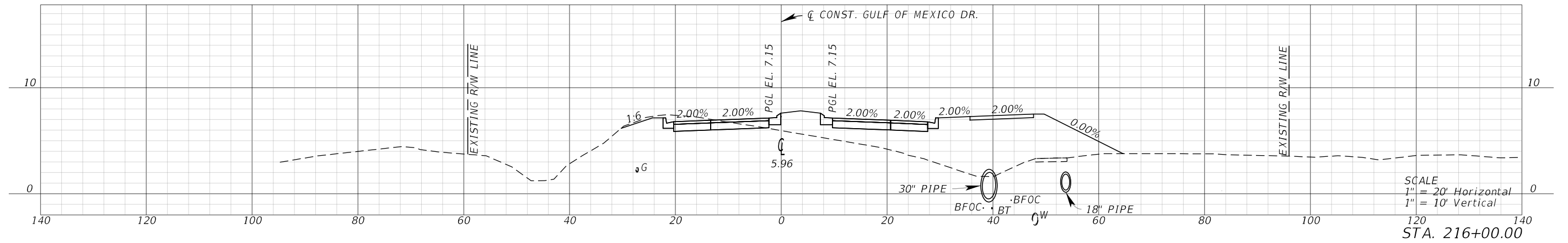


DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<p style="text-align: center;"><b>CROSS SECTIONS</b></p>	SHEET NO.
					GULF OF MEXICO DRIVE		

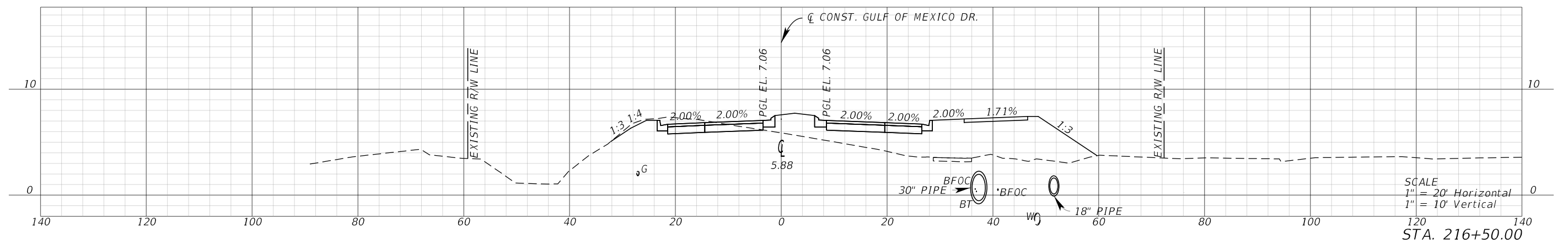
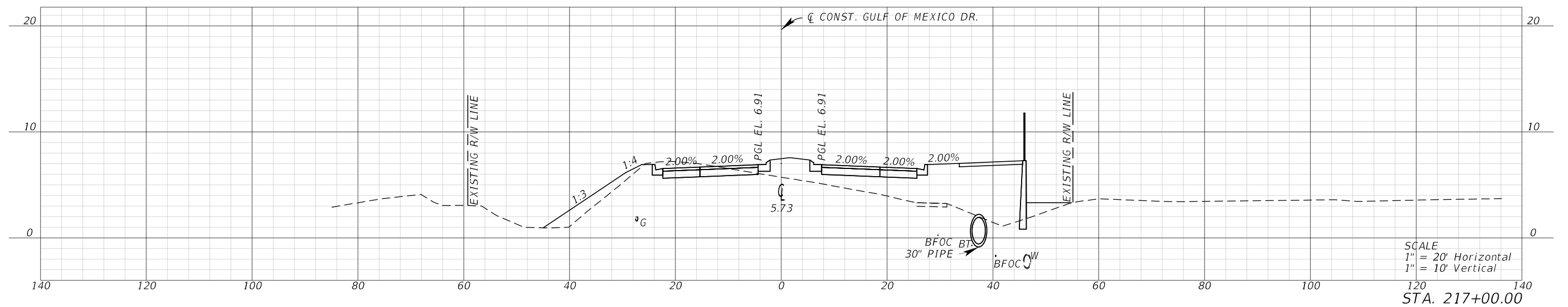
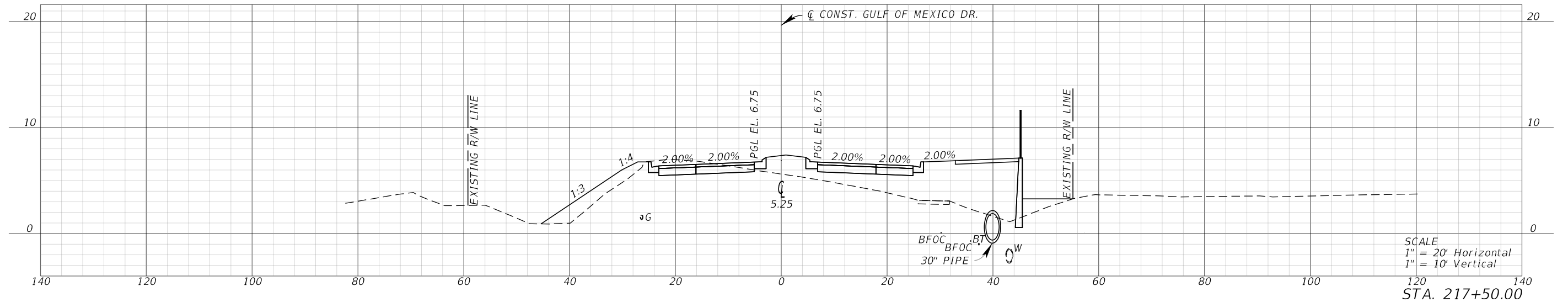


DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<p style="text-align: center;"><b>CROSS SECTIONS</b></p>	SHEET NO.
					GULF OF MEXICO DRIVE		

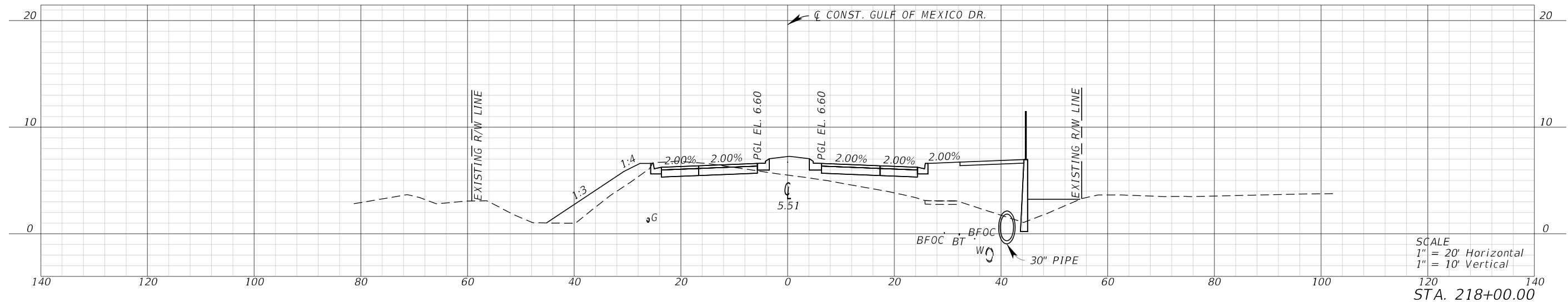
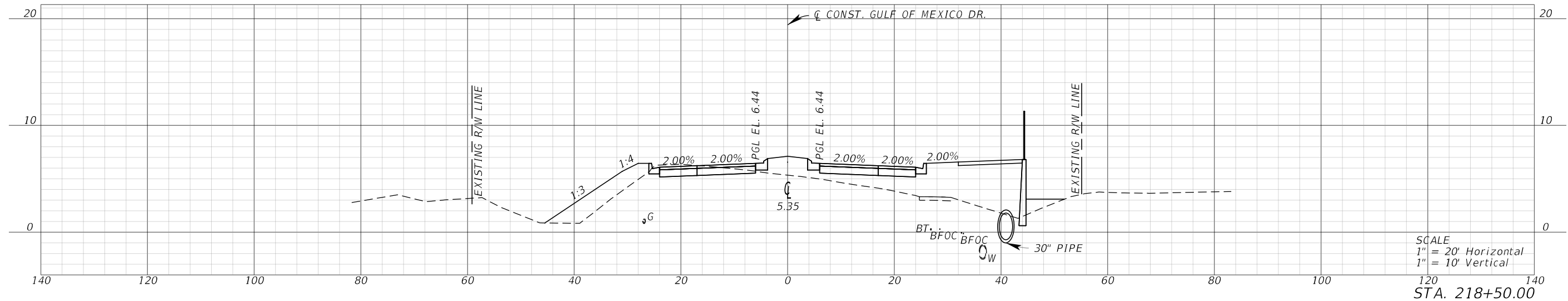
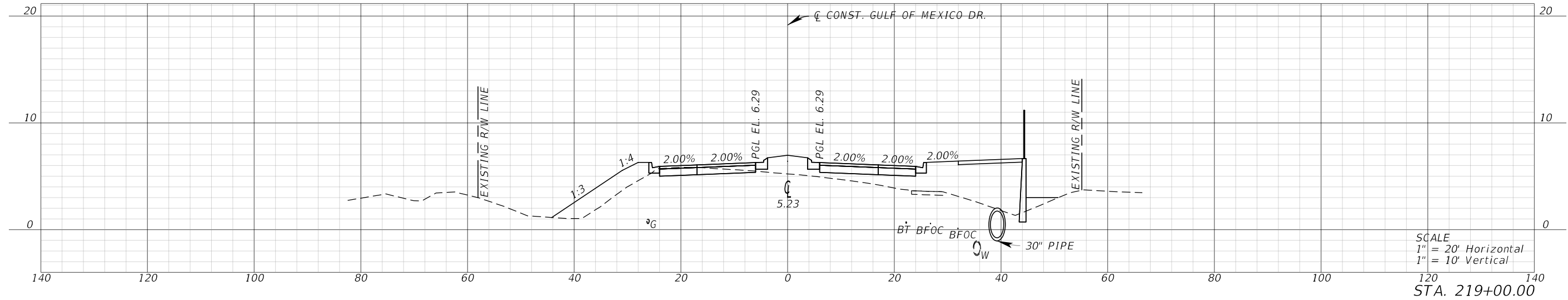
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DATE	DESCRIPTION	DATE	DESCRIPTION	<b>Kimley»Horn</b> <small>GARY J. NADEAU, P.E.  P.E. LICENSE NUMBER: 49629  1800 SECOND STREET, SUITE 900  SARASOTA, FL 34236  (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>CROSS SECTIONS</b>	SHEET NO.
					GULF OF MEXICO DRIVE		36



DATE	DESCRIPTION	DATE	DESCRIPTION		TOWN OF LONGBOAT KEY GULF OF MEXICO DRIVE	<b>CROSS SECTIONS</b>	SHEET NO.
							GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600



DATE	DESCRIPTION	DATE	DESCRIPTION

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

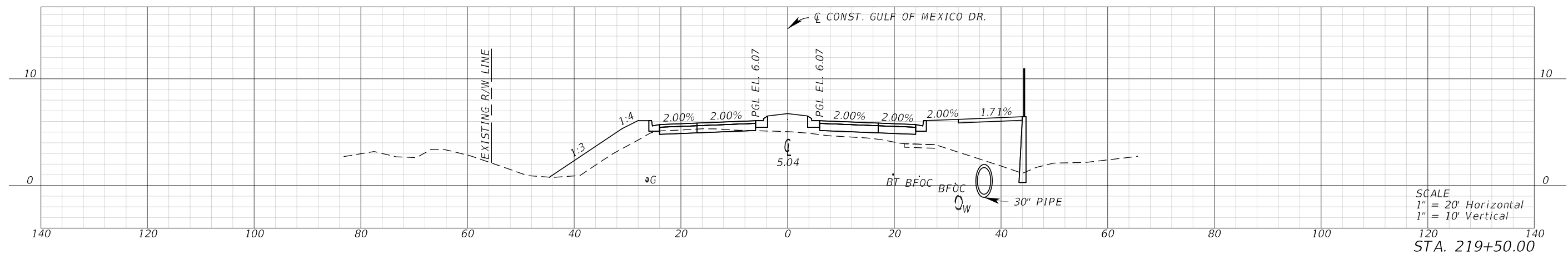
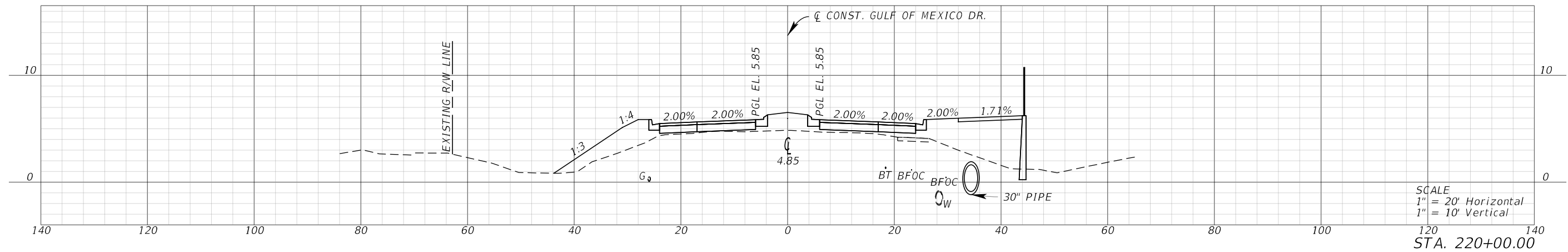
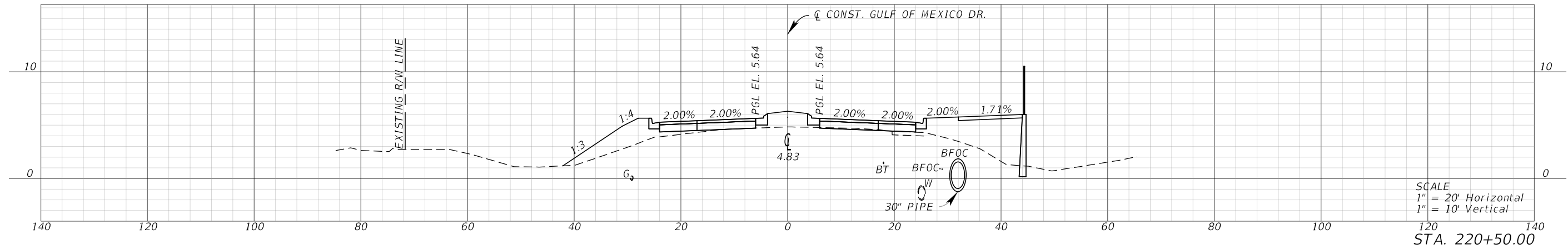
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

**CROSS SECTIONS**

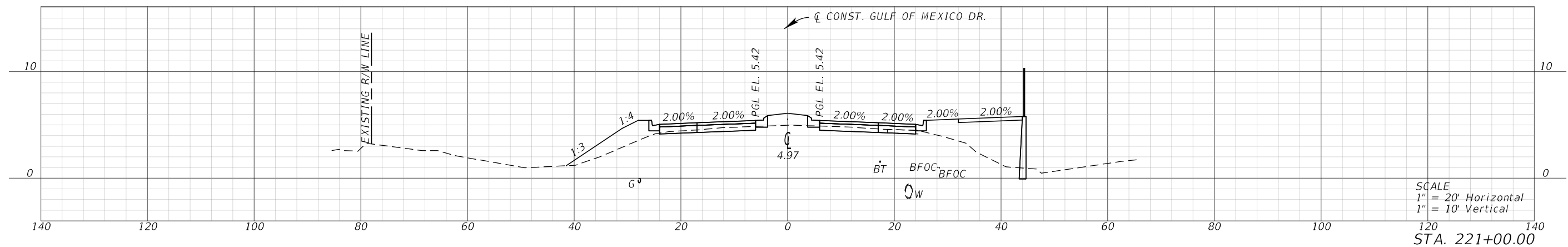
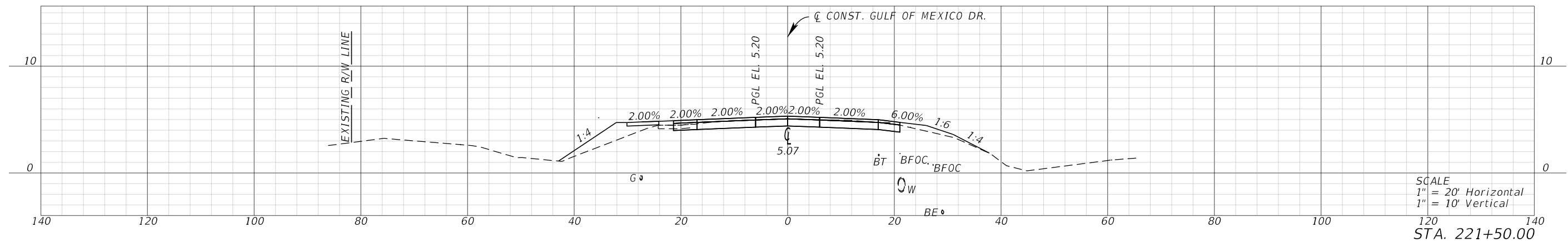
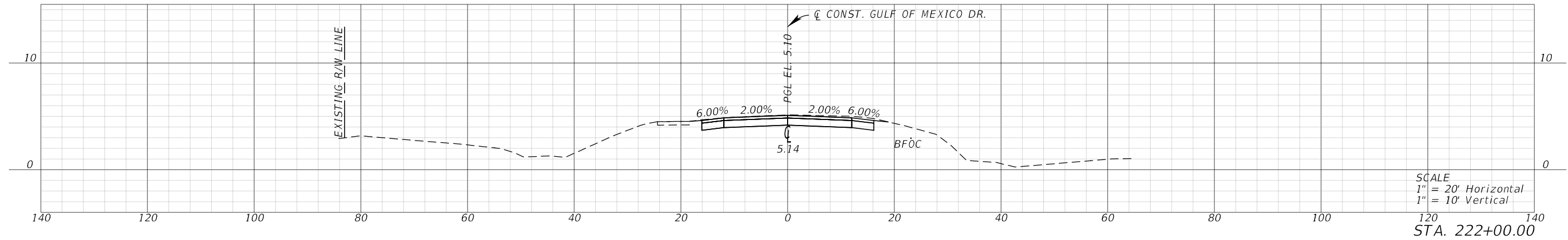
SHEET NO.

38



DATE	DESCRIPTION	DATE	DESCRIPTION		TOWN OF LONGBOAT KEY  GULF OF MEXICO DRIVE	CROSS SECTIONS	SHEET NO.
							GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600

END PROJECT 223+25.00  
 END EARTHWORK 222+00.00



DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY

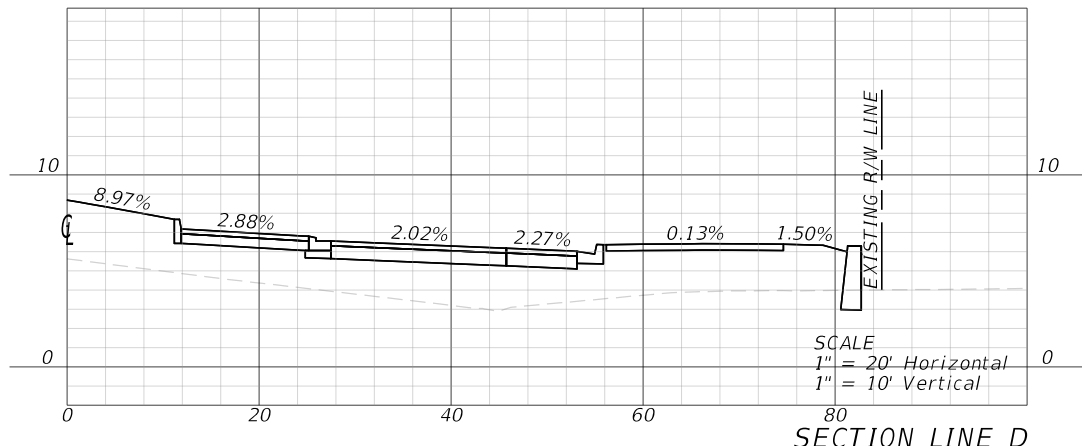
GULF OF MEXICO DRIVE

CROSS SECTIONS

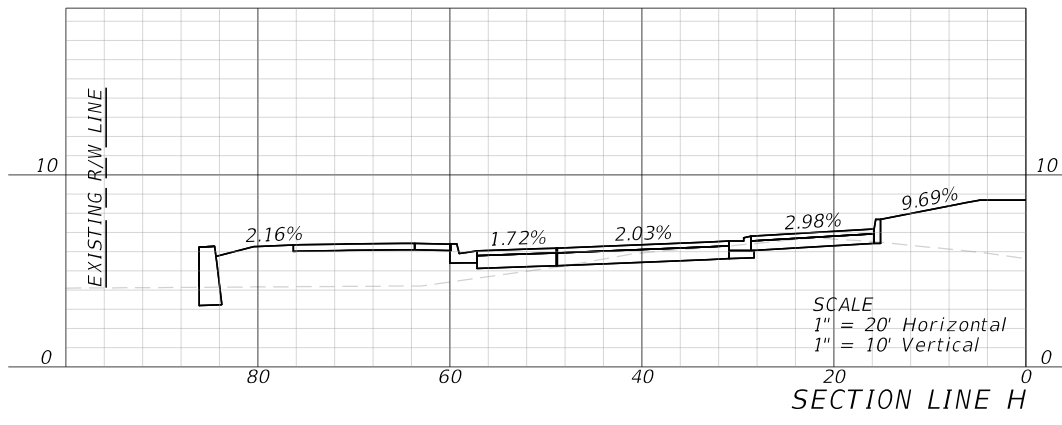
SHEET NO.

40

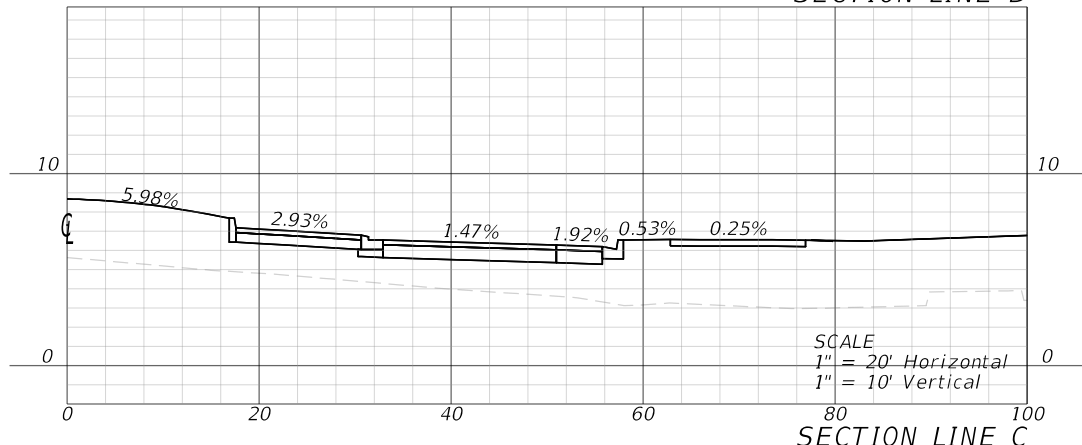




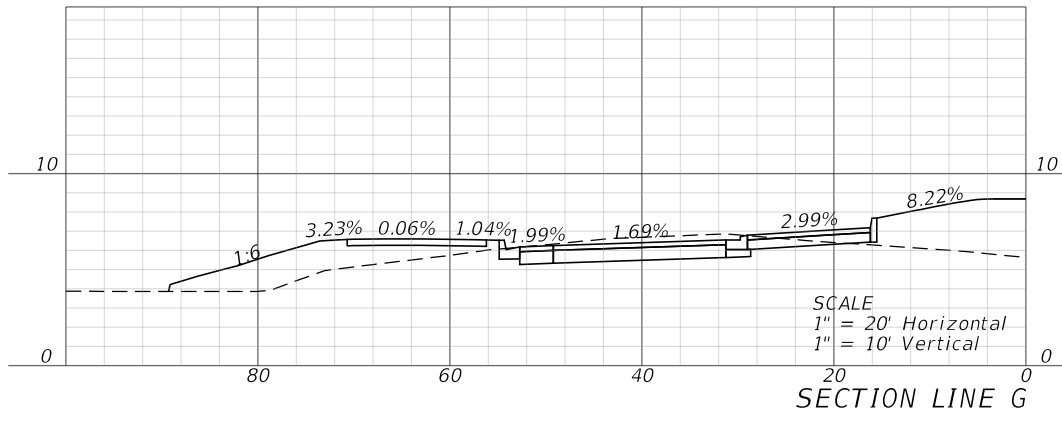
SECTION LINE D



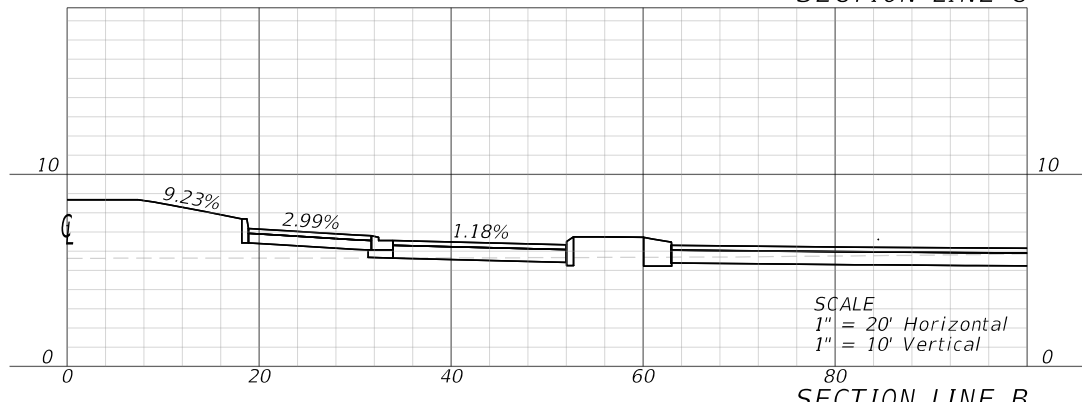
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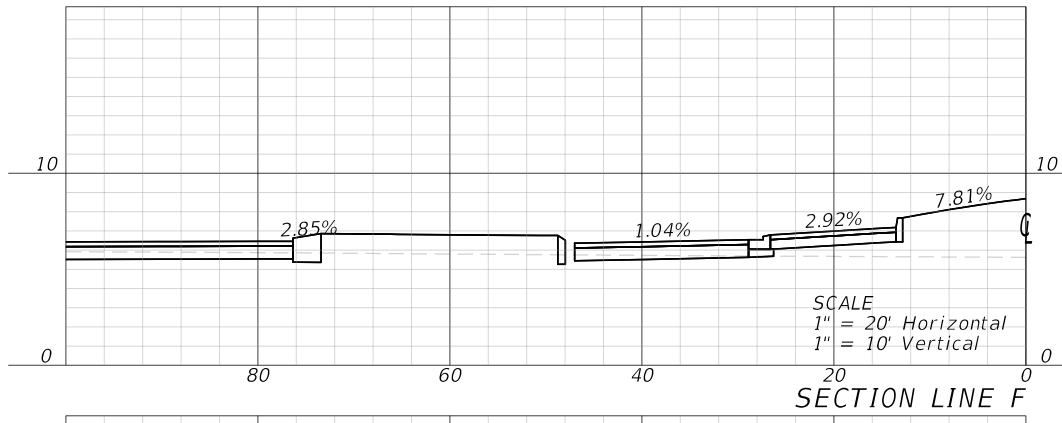
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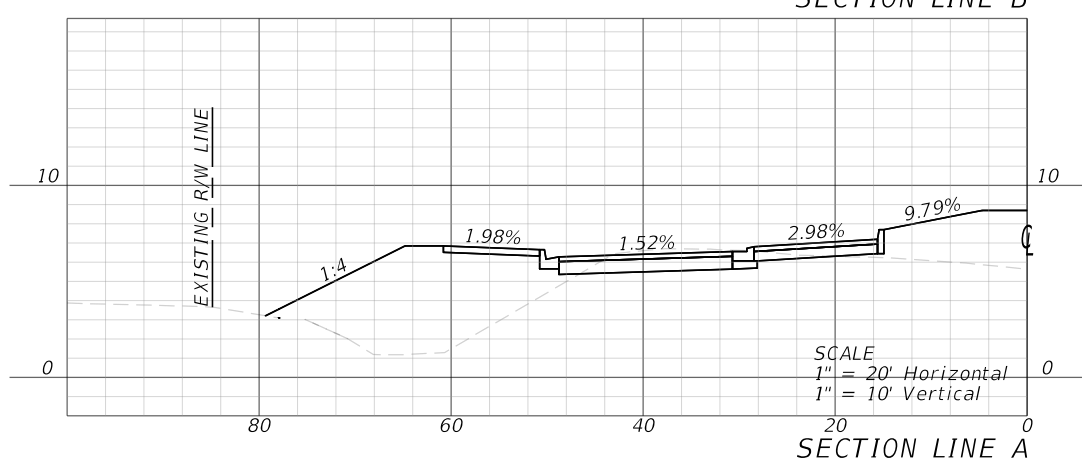
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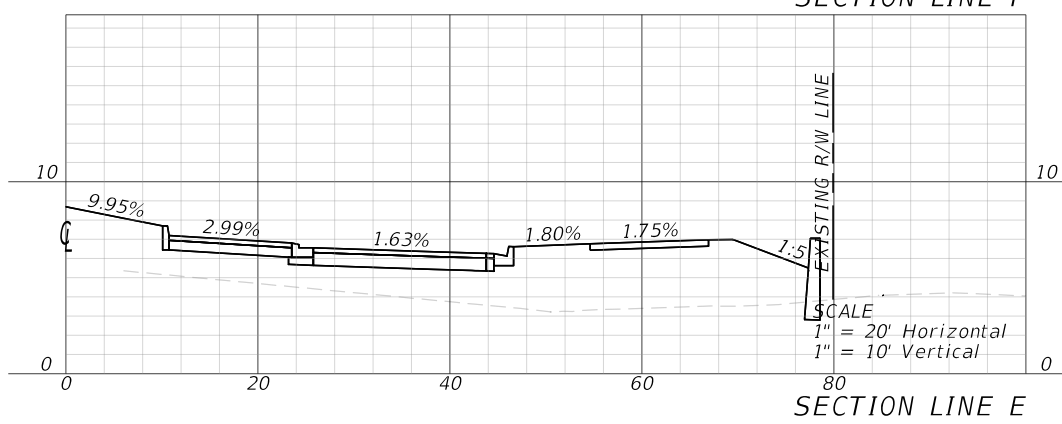
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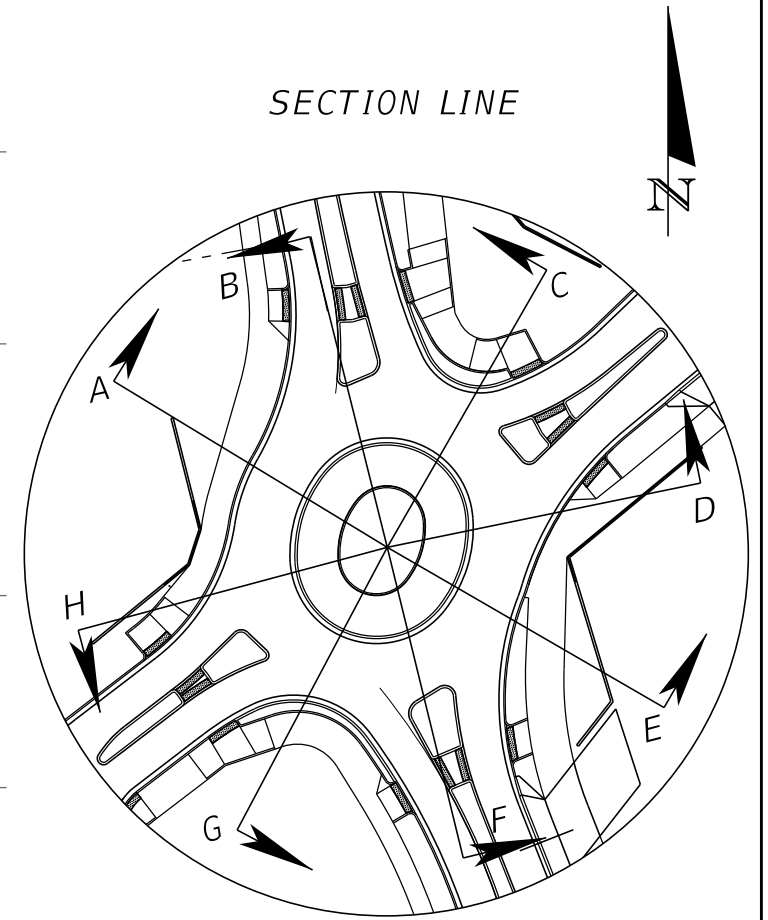
SECTION LINE F



SECTION LINE A



SECTION LINE E



SECTION LINE

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

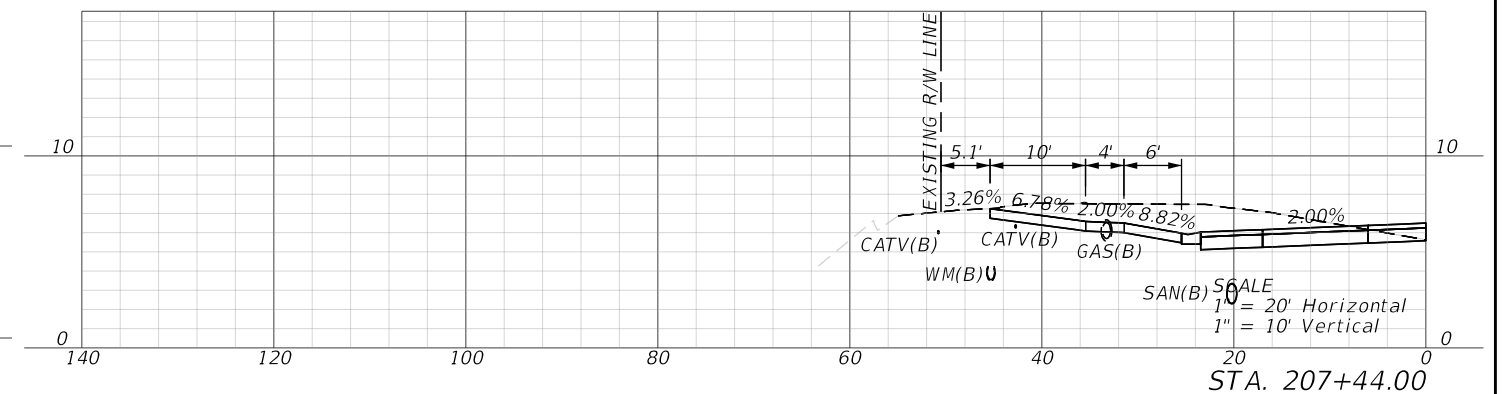
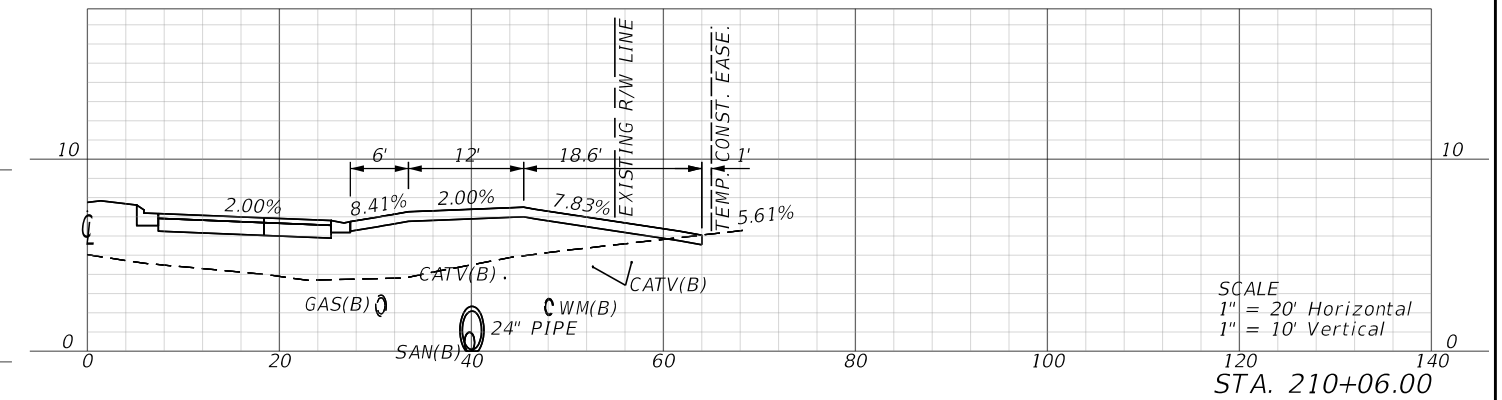
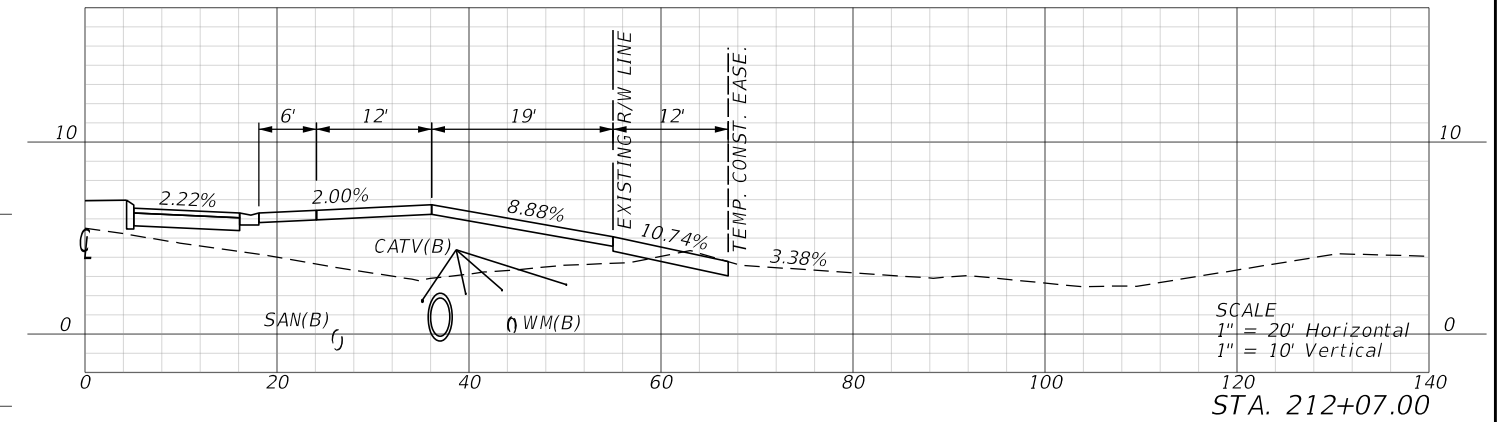
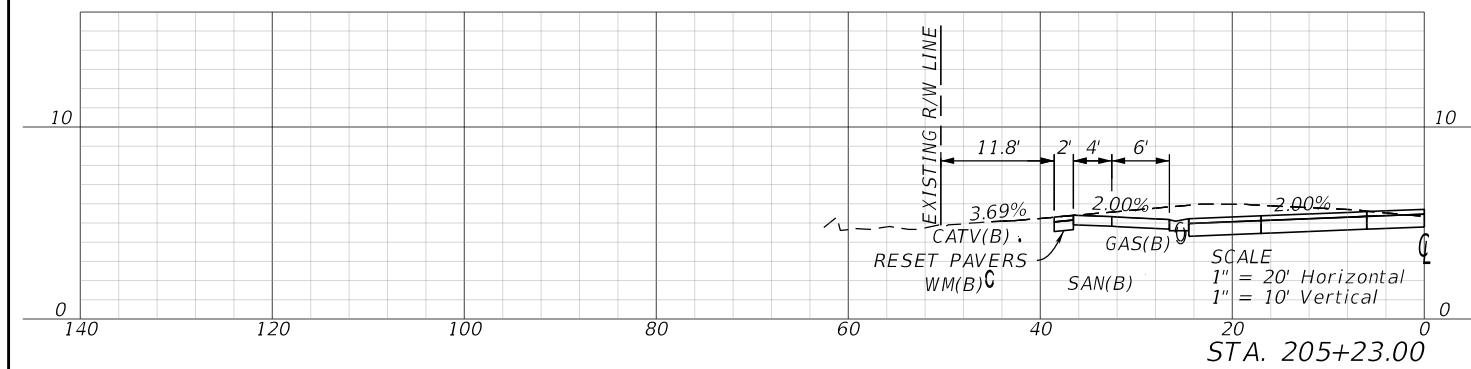
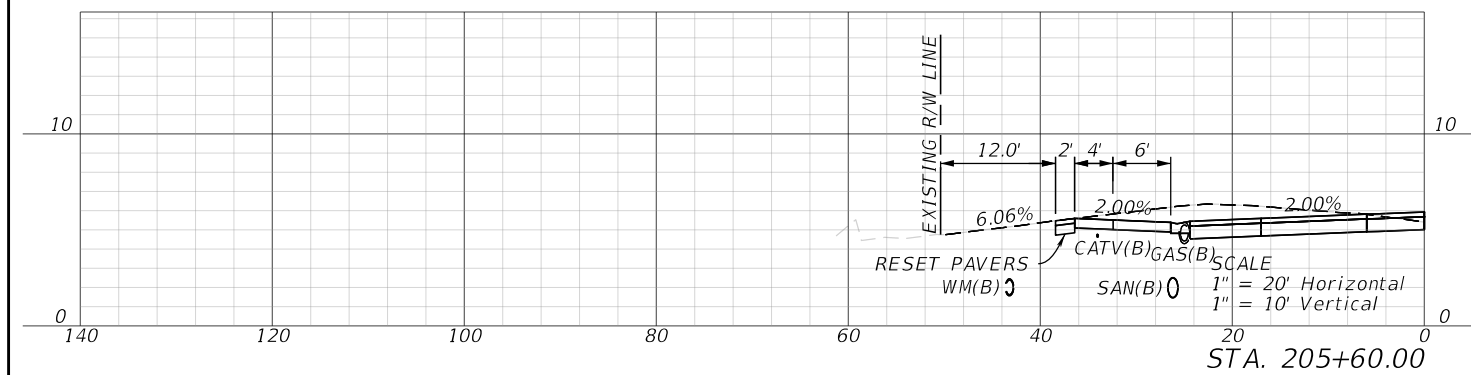
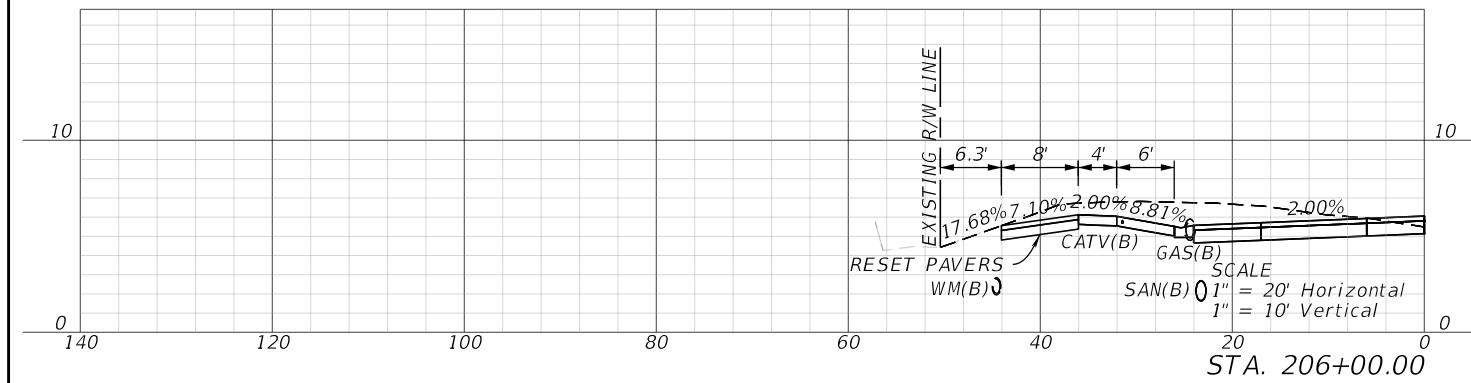
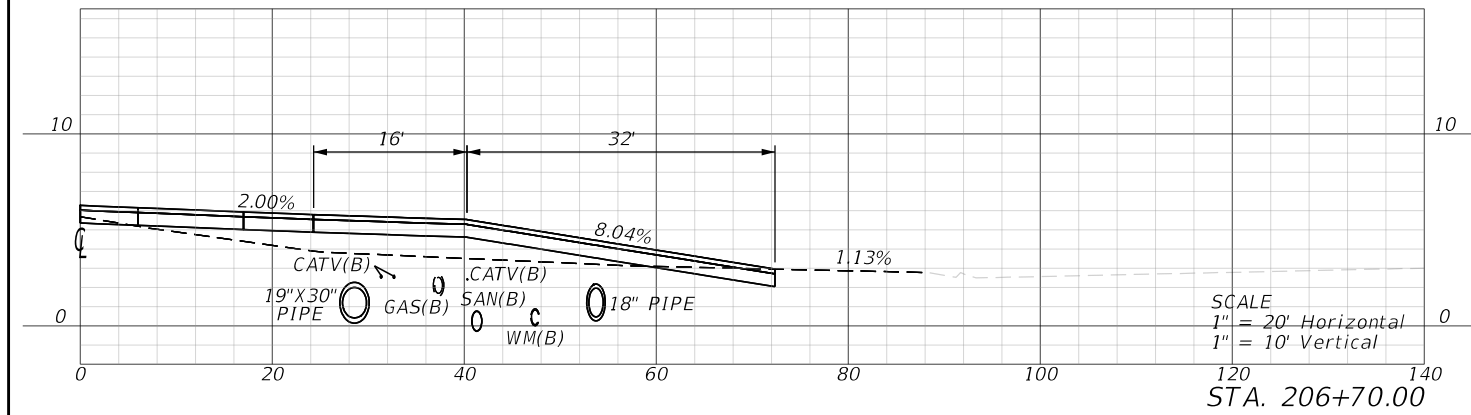
GULF OF MEXICO DRIVE

**CIRCULATING ROADWAY  
CROSS SECTIONS**

SHEET NO.

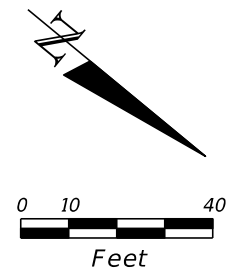
41

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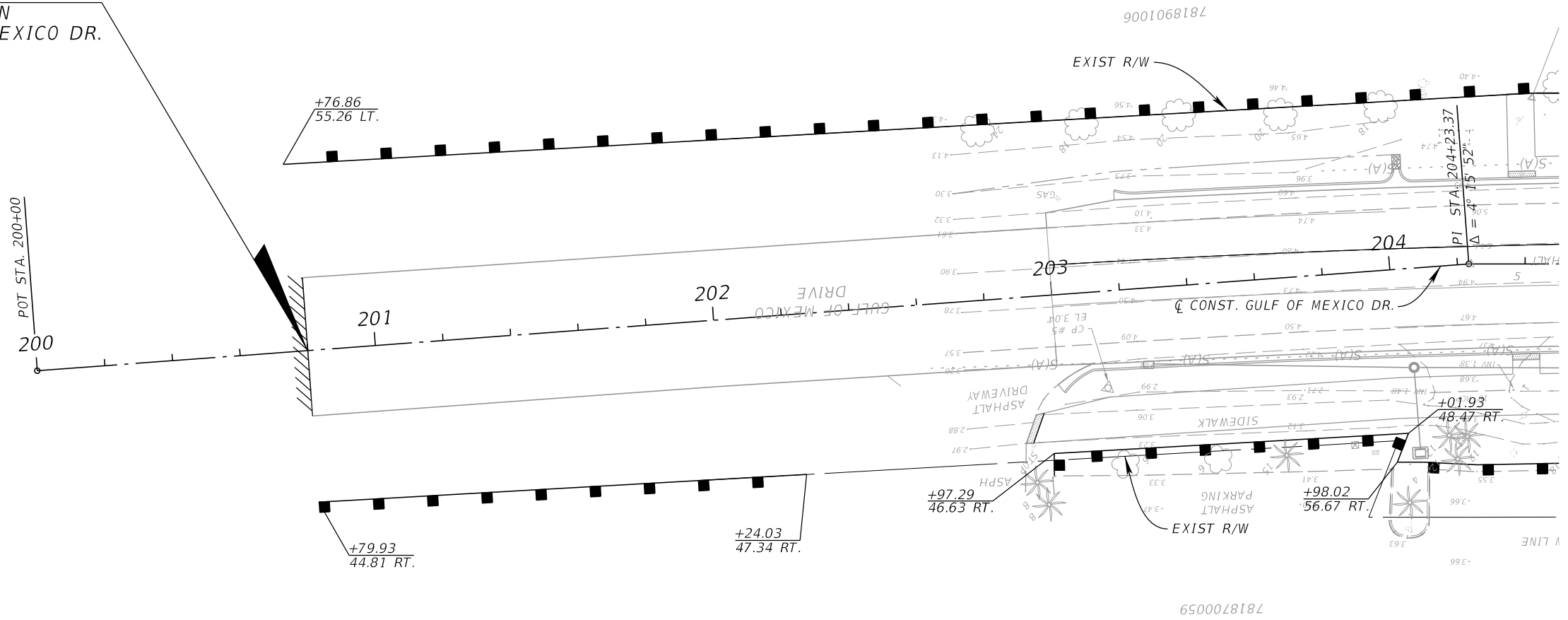


DATE	DESCRIPTION	DATE	DESCRIPTION		TOWN OF LONGBOAT KEY	<b>DRIVEWAY HALF SECTIONS</b>	SHEET NO.
					<small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>		GULF OF MEXICO DRIVE

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BEGIN PROJECT  
 BEGIN CONSTRUCTION  
 Q CONST. GULF OF MEXICO DR.  
 STA. 200+80.00



**LEGEND**

- INLET PROTECTION
- SEDIMENT BARRIER

DATE	DESCRIPTION	DATE	DESCRIPTION

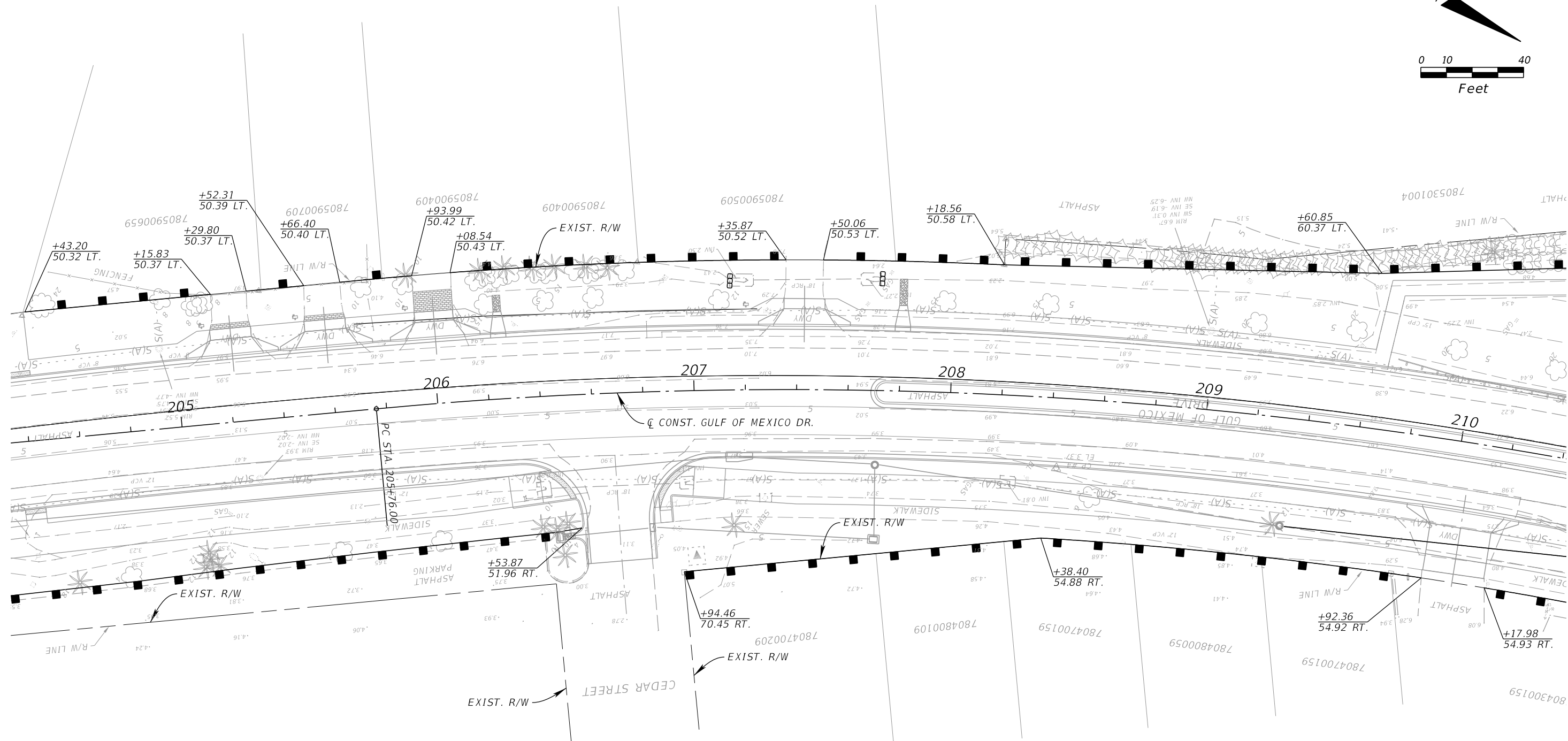
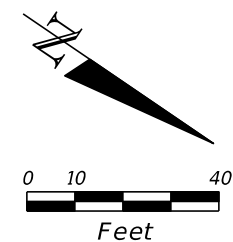
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

**EROSION CONTROL  
 SHEET (1)**

SHEET NO.  
 43

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**LEGEND**



DATE	DESCRIPTION	DATE	DESCRIPTION

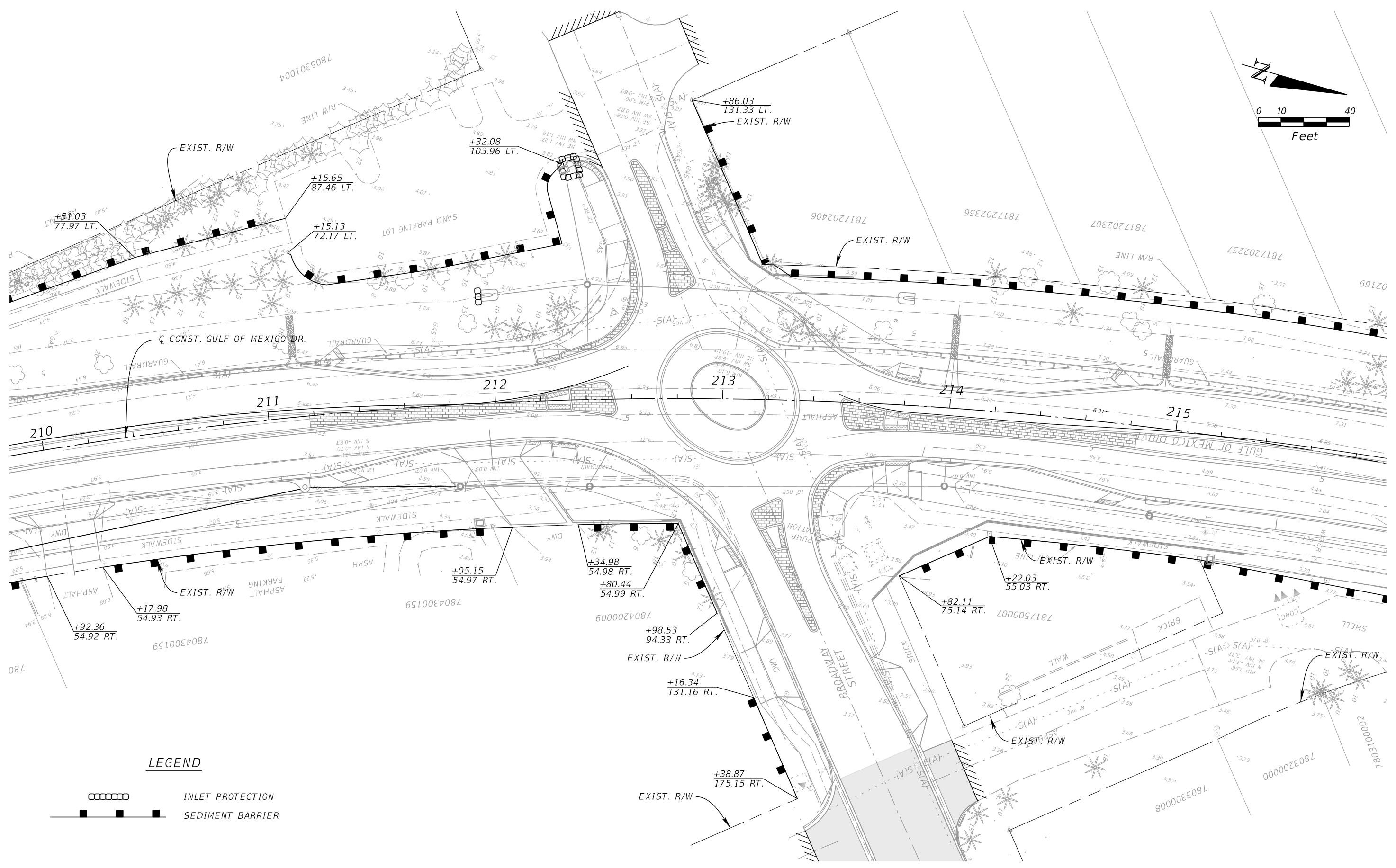
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE



**EROSION CONTROL SHEET (2)**

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.



**LEGEND**

-  INLET PROTECTION
-  SEDIMENT BARRIER

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
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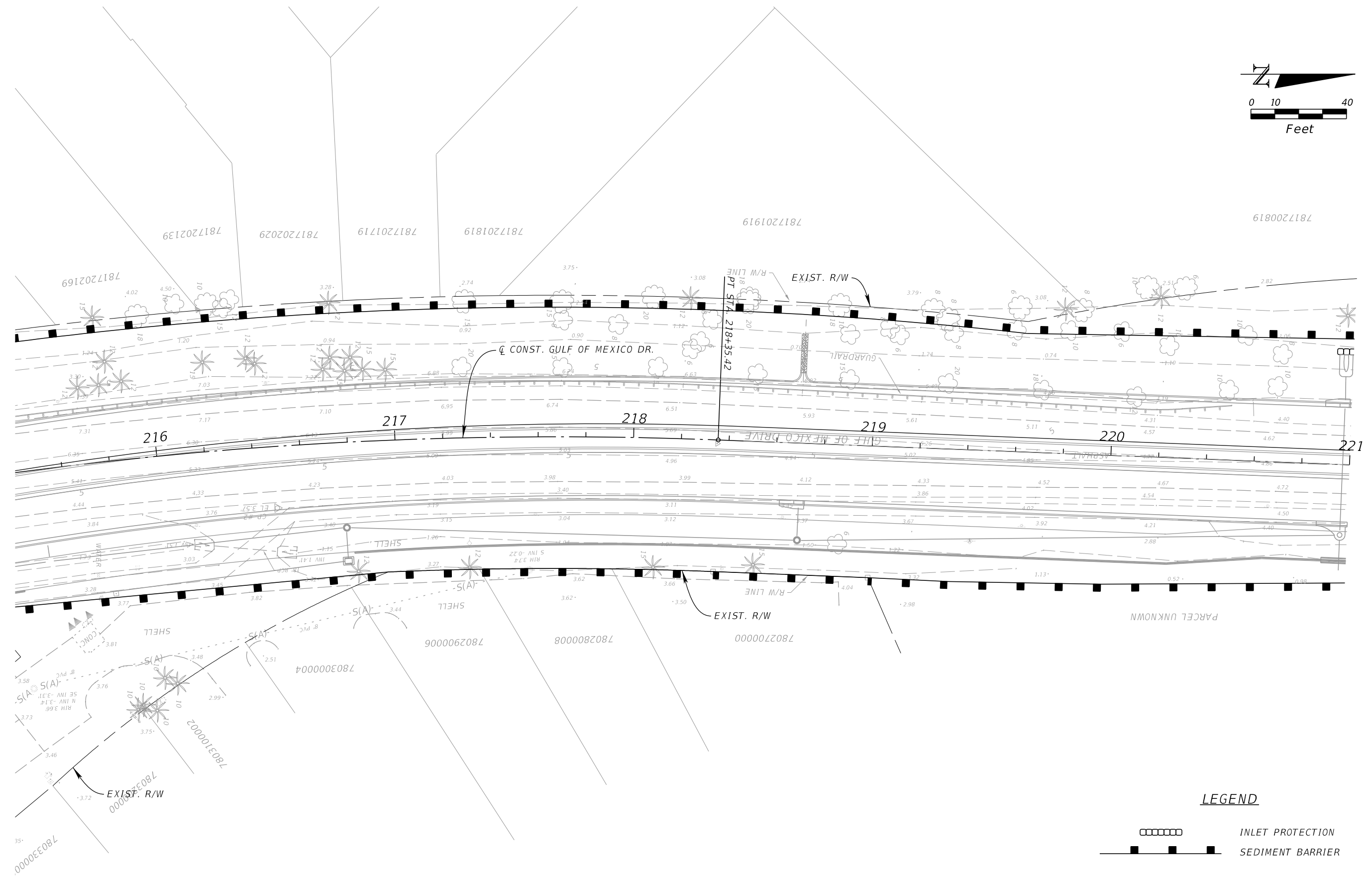
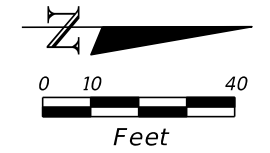
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE



**EROSION CONTROL SHEET (3)**

45

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

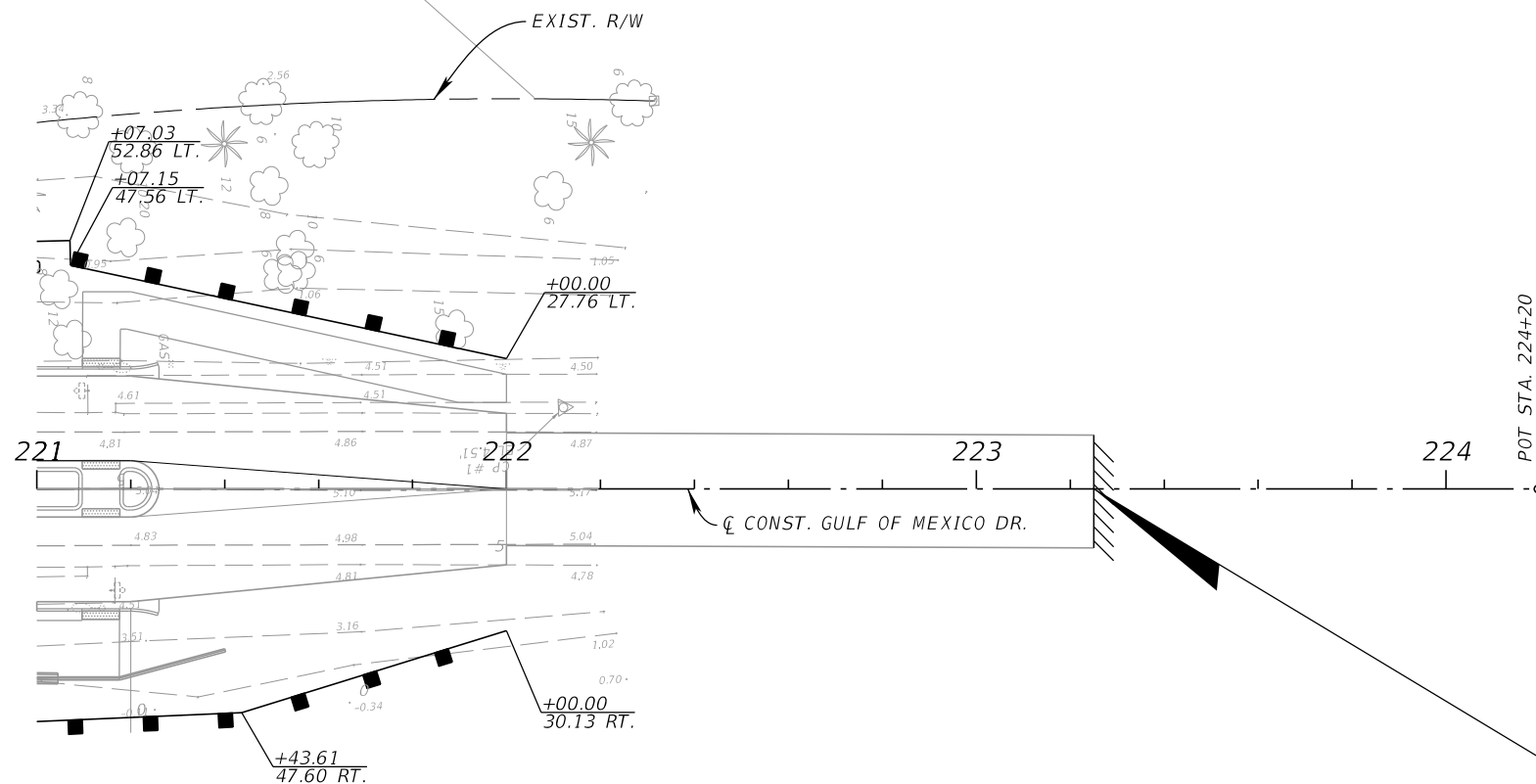


**LEGEND**

-  INLET PROTECTION
-  SEDIMENT BARRIER

<b>DATE</b>	<b>DESCRIPTION</b>	<b>DATE</b>	<b>DESCRIPTION</b>	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>EROSION CONTROL SHEET (4)</b>	SHEET NO.
					GULF OF MEXICO DRIVE		46

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



LEGEND

-  INLET PROTECTION
-  SEDIMENT BARRIER

DATE	DESCRIPTION	DATE	DESCRIPTION		
				 <small>GARY J. NADEAU, P.E.                      P.E. LICENSE NUMBER: 49629                      1800 SECOND STREET, SUITE 900                      SARASOTA, FL 34236                      (941) 379-7600</small>	TOWN OF LONGBOAT KEY
					GULF OF MEXICO DRIVE
				<b>EROSION CONTROL</b> <b>SHEET (5)</b>	
				SHEET NO.	47

**GENERAL NOTES**

- THE EXISTING POSTED SPEED LIMITS ARE:  
 SR 789 (GULF OF MEXICO DRIVE) - 35 MPH AND 45 MPH SOUTH OF CEDAR ST.  
 REDUCE TO 35 MPH THROUGHOUT ALL TEMPORARY TRAFFIC CONTROL PHASES.  
 BROADWAY STREET - 20 MPH  
 TO REMAIN FOR ALL TEMPORARY TRAFFIC CONTROL PHASES.
- LANE CLOSURE RESTRICTIONS ARE AS FOLLOWS:  
 TBD
- ALL WORK ASSOCIATED IN THE ROAD CLOSURE PLANS AND DETAILS ARE RESTRICTED AS FOLLOWS:  
 TBD
- ACCESS SHALL BE MAINTAINED FOR ALL MOVEMENTS AT THE SR 789 (GULF OF MEXICO DRIVE) AND CEDAR STREET INTERSECTION THROUGHOUT ALL PHASES OF CONSTRUCTION.

**PHASING NOTES**

**PHASE IA & IB**

NOTE: THE INTENT IS TO RECONSTRUCT SOUTHBOUND LANES OF SR 789 AND THE WEST LEG OF BROADWAY STREET.

- PLACE ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES.
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND TEMPORARY PAVEMENT MARKINGS (INDEX 102-608 AND 102-661). ADJUST/RELOCATE ANY EXIST. SIGNS WHERE NECESSARY. SHIFT TRAFFIC TO THE PHASE I CONFIGURATION.
- CONSTRUCT PORTIONS OF DRAINAGE IMPROVEMENTS, LIGHTING, OUTSIDE CURB AND GUTTER, DRIVEWAYS, SIDEWALKS, CURB RAMPS, AND TEMPORARY PAVEMENT. CONSTRUCT PORTIONS OF PAVEMENT UP TO, BUT NOT INCLUDING THE FRICTION COURSE. PLACE TEMPORARY PAVEMENT FOR TEMPORARY SIDEWALK NORTH OF THE ROUNDABOUT ON THE WEST SIDE OF THE ROADWAY FOR USE DURING PHASE IIA.
- RESTORE ANY DROP OFF CONDITION WITHIN THE SAME WORK PERIOD PER INDEX 102-600.

**PRE PHASE II**

NOTE: THE INTENT OF THIS PHASE IS TO PLACE TEMPORARY PAVEMENT ADJACENT TO THE RECONSTRUCTED SOUTHBOUND LANES OF SR 789 FROM PHASE IA AND IB.

- ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES AS NECESSARY.
- MAINTAIN NORTHBOUND TRAFFIC IN THE SAME CONFIGURATION AS IN PHASE I. SHIFT SOUTHBOUND TRAFFIC ONTO SOUTHBOUND PAVEMENT CONSTRUCTED IN PHASE I, AS SHOWN IN PHASE II TYPICAL AND PLANS.
- PLACE TEMPORARY PAVEMENT AND LOW PROFILE BARRIER WALL IN THE MEDIAN.
- DETOUR TRAFFIC TO BROADWAY STREET AND CONSTRUCT CEDAR STREET CONNECTION.

**PHASING NOTES CONTINUED**

**PHASE IIA**

NOTE: THE INTENT OF THIS PHASE IS TO RECONSTRUCT THE NORTHBOUND LANES OF SR 789, THE EAST LEG OF BROADWAY STREET AND THE CEDAR STREET CONNECTION. PROVIDE TEMPORARY PAVEMENT WEDGING TO KEEP THE BROADWAY STREET (EAST) CONNECTION OPEN TO TRAFFIC. DETOUR TRAFFIC PER DETOUR PLAN FOR RECONSTRUCTION OF CEDAR ST. AFTER THE CEDAR ST. CONNECTION IS COMPLETE AND OPEN TO TRAFFIC CLOSE BROADWAY ST. (EAST) FOR RECONSTRUCTION PER DETOUR PLAN.

- ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES AS NECESSARY.
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND TEMPORARY PAVEMENT MARKINGS (INDEX 102-608, 102-660, 102-661). ADJUST/RELOCATE ANY EXIST. SIGNS WHERE NECESSARY.
- SHIFT NORTHBOUND TRAFFIC ONTO TEMPORARY PAVEMENT CONSTRUCTED IN PRE PHASE II. DETOUR PEDESTRIANS ON TO TEMPORARY SIDEWALK ON WEST SIDE AND DETOUR BICYCLISTS VIA FIREHOUSE CT.
- CONSTRUCT PORTIONS OF DRAINAGE IMPROVEMENTS, LIGHTING, CURB AND GUTTER, DRIVEWAYS, SIDEWALKS AND CURB RAMPS ALONG SR 789 NORTHBOUND ROADWAY, CONSTRUCT OVERBUILD AND PAVEMENT UP TO BUT NOT INCLUDING THE FRICTION COURSE, CONSTRUCT IMPROVEMENTS ALONG BROADWAY STREET EAST OF SR 789.
- RESTORE ANY DROP OFF CONDITION WITHIN THE SAME WORK PERIOD PER INDEX 102-600.

**PHASE IIB**

NOTE: THE INTENT OF THIS PHASE IS TO CONSTRUCT THE REMAINING PORTION (WEST SIDE) OF THE SR 789 MEDIAN.

- ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES AS NECESSARY.
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND TEMPORARY PAVEMENT MARKINGS (INDEX 102-608, 102-661). ADJUST/RELOCATE ANY EXIST. SIGNS WHERE NECESSARY. SHIFT TRAFFIC TO THE PHASE III CONFIGURATION.
- REMOVE ANY TEMPORARY OVERBUILD FROM PREVIOUS PHASES.
- CONSTRUCT MEDIAN AND ROUNDABOUT, AND COMPLETE MISSING PORTIONS OF PAVEMENT UP TO BUT NOT INCLUDING THE FRICTION COURSE.
- RESTORE ANY DROP OFF CONDITION WITHIN THE SAME WORK PERIOD PER INDEX 102-600.

**PHASE III**

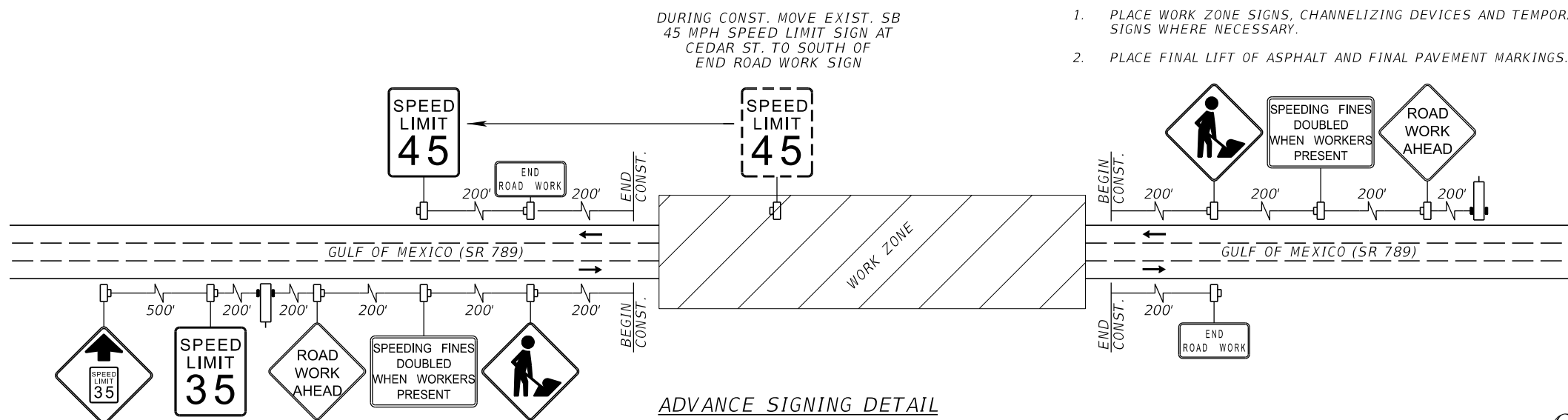
NOTE: THE INTENT OF THIS PHASE IS TO CONSTRUCT THE NORTHWEST AND SOUTHWEST CORNERS OF THE ROUNDABOUT AND THE REMAINING PORTION OF THE CENTRAL ISLAND. HIGH EARLY STRENGTH CONCRETE MAY BE USED FOR TRUCK APRONS TO REDUCE CLOSURE TIME.

- ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES AS NECESSARY.
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND TEMPORARY PAVEMENT MARKINGS (INDEX 102-608, 102-661). ADJUST/RELOCATE ANY EXIST. SIGNS WHERE NECESSARY. SHIFT TRAFFIC TO THE PHASE III CONFIGURATION.
- REMOVE ANY TEMPORARY PAVEMENT FROM PREVIOUS PHASES.
- CONSTRUCT MEDIAN AND ROUNDABOUT, AND COMPLETE MISSING PORTIONS OF PAVEMENT UP TO BUT NOT INCLUDING THE FRICTION COURSE.
- RESTORE ANY DROP OFF CONDITION WITHIN THE SAME WORK PERIOD PER INDEX 102-600.

**PHASE IV**

NOTE: THE INTENT OF THIS PHASE IS TO COMPLETE ANY REMAINING PORTIONS OF CONSTRUCTIONS AND FINAL PAVEMENT LIFT AND MARKINGS.

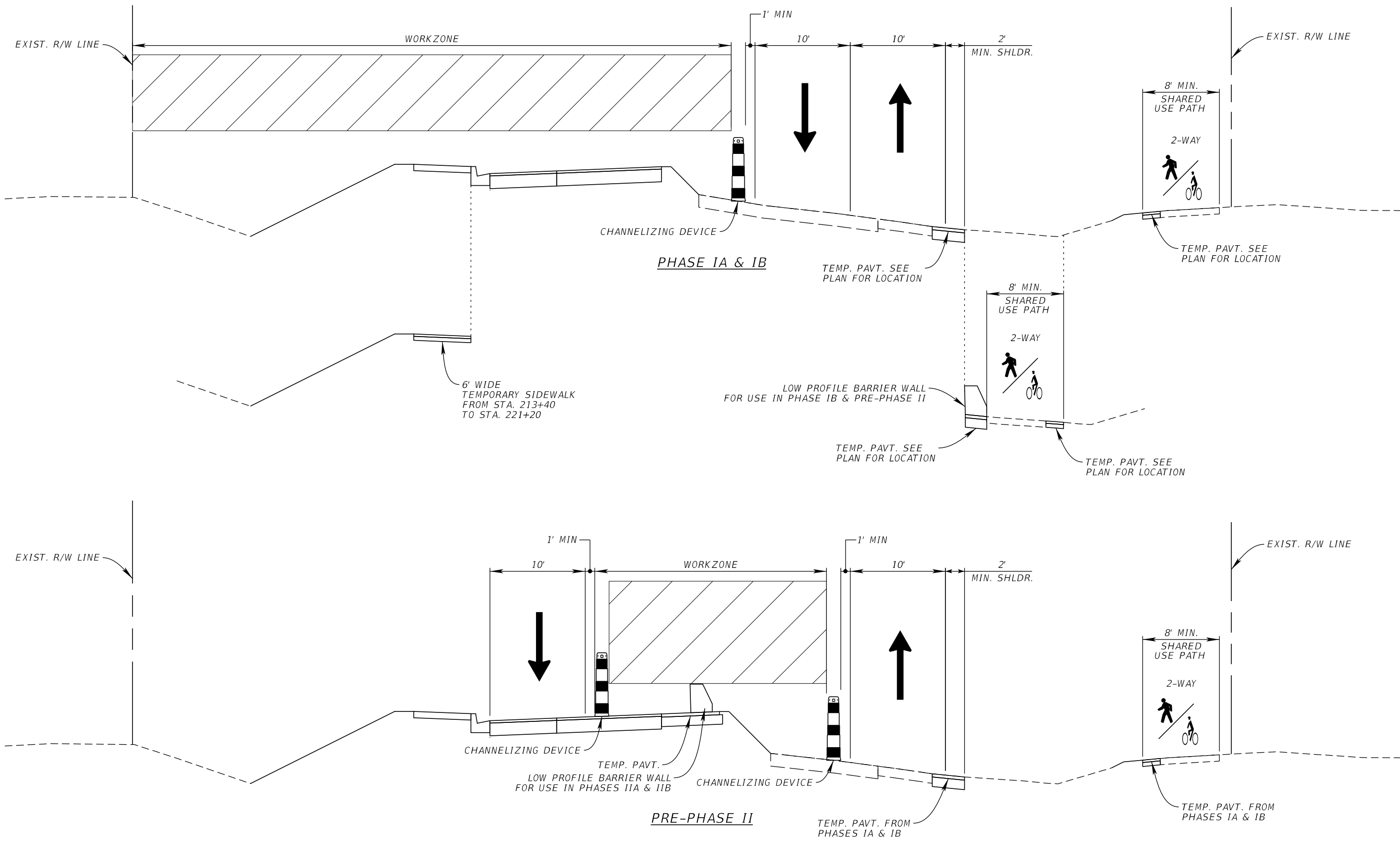
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND TEMPORARY PAVEMENT MARKINGS (INDEX 102-602). ADJUST/RELOCATE ANY EXIST. SIGNS WHERE NECESSARY.
- PLACE FINAL LIFT OF ASPHALT AND FINAL PAVEMENT MARKINGS.



**GENERAL / PHASING NOTES AND DETAILS**

DATE	DESCRIPTION	DATE	DESCRIPTION	Kimley»Horn <small>GARY J. NADEAU, P.E.                      P.E. LICENSE NUMBER: 49629                      1800 SECOND STREET, SUITE 900                      SARASOTA, FL 34236                      (941) 379-7600</small>	TOWN OF LONGBOAT KEY	TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
					GULF OF MEXICO DRIVE		48





TYPICAL SECTION

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

TEMPORARY TRAFFIC CONTROL PLAN

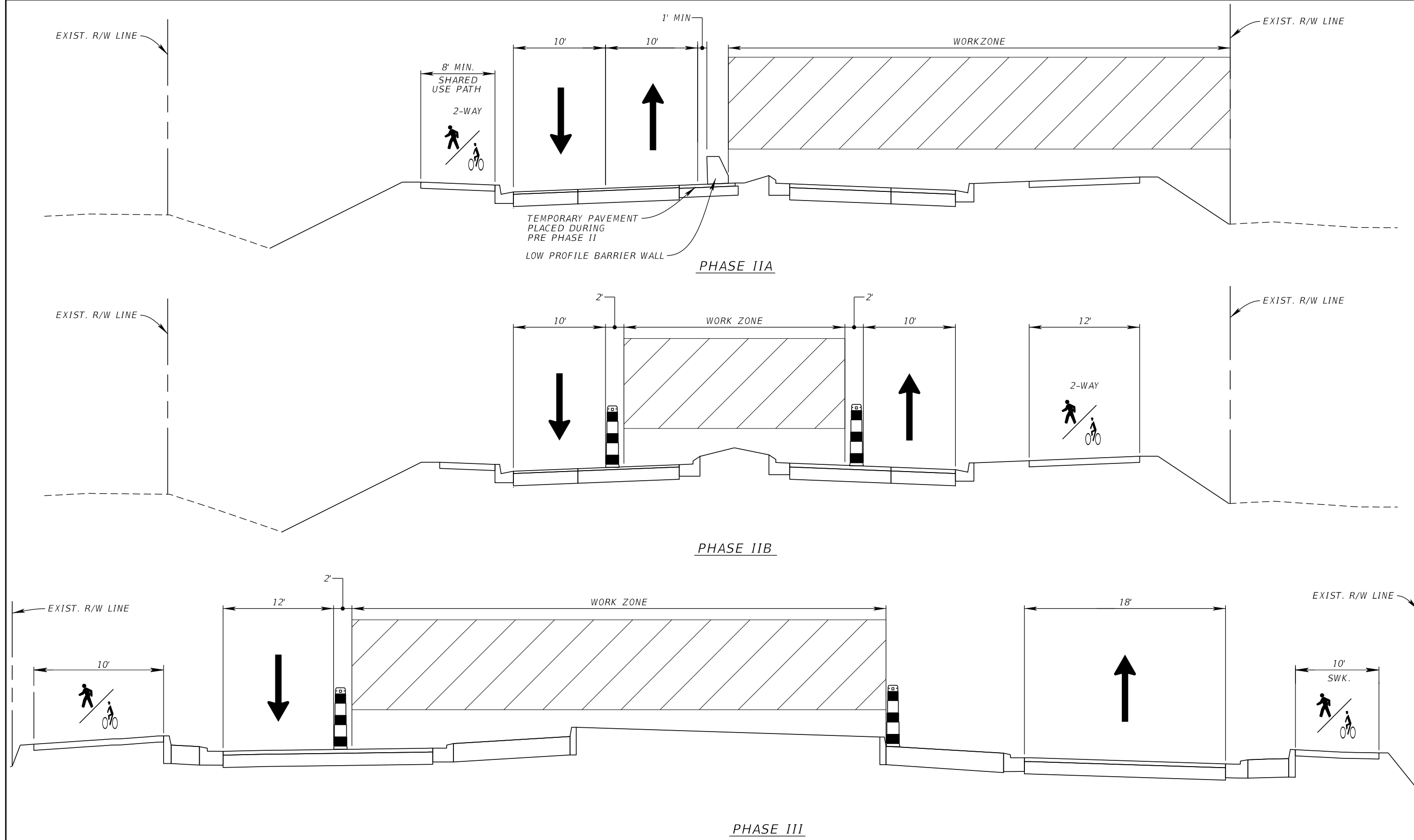
SHEET NO.

49

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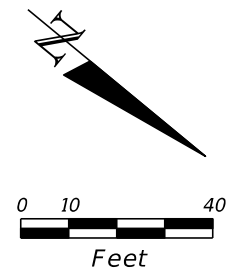
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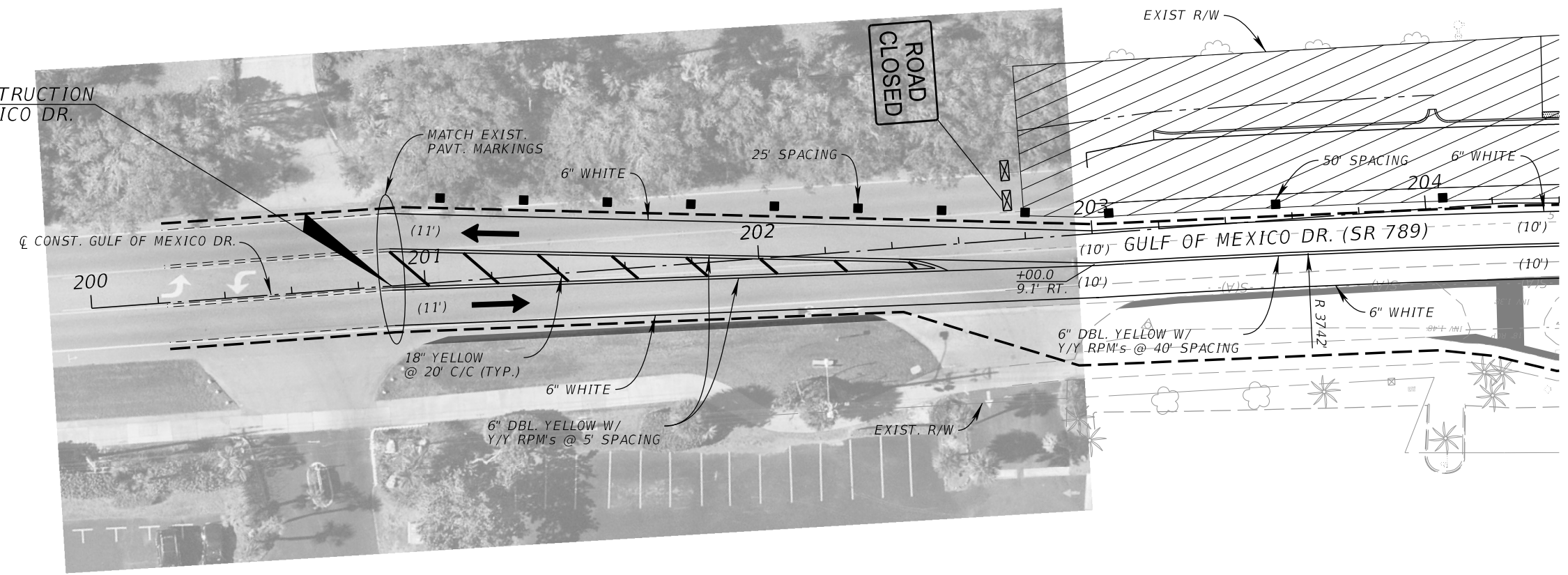
TYPICAL SECTION

DATE	DESCRIPTION	DATE	DESCRIPTION	<b>Kimley»Horn</b> <small>GARY J. NADEAU, P.E.          P.E. LICENSE NUMBER: 49629          1800 SECOND STREET, SUITE 900          SARASOTA, FL 34236          (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>TEMPORARY TRAFFIC CONTROL PLAN</b>	SHEET NO.
					GULF OF MEXICO DRIVE		50

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BEGIN PHASE 1A CONSTRUCTION  
 C/ CONST. GULF OF MEXICO DR.  
 STA. 200+90.00



**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY

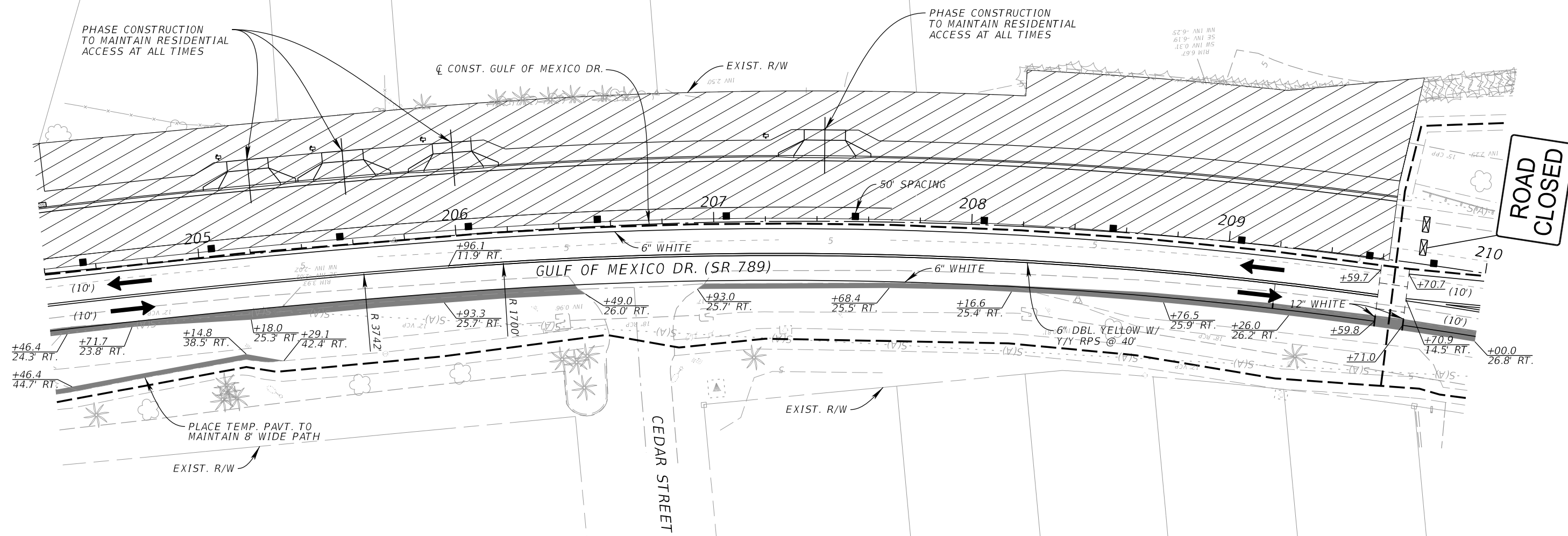
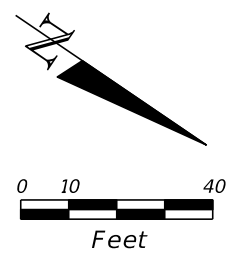
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GULF OF MEXICO DRIVE

**TTCP**  
**PHASE 1A (1)**

SHEET  
 NO.  
**51**

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**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

Kimley»Horn

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

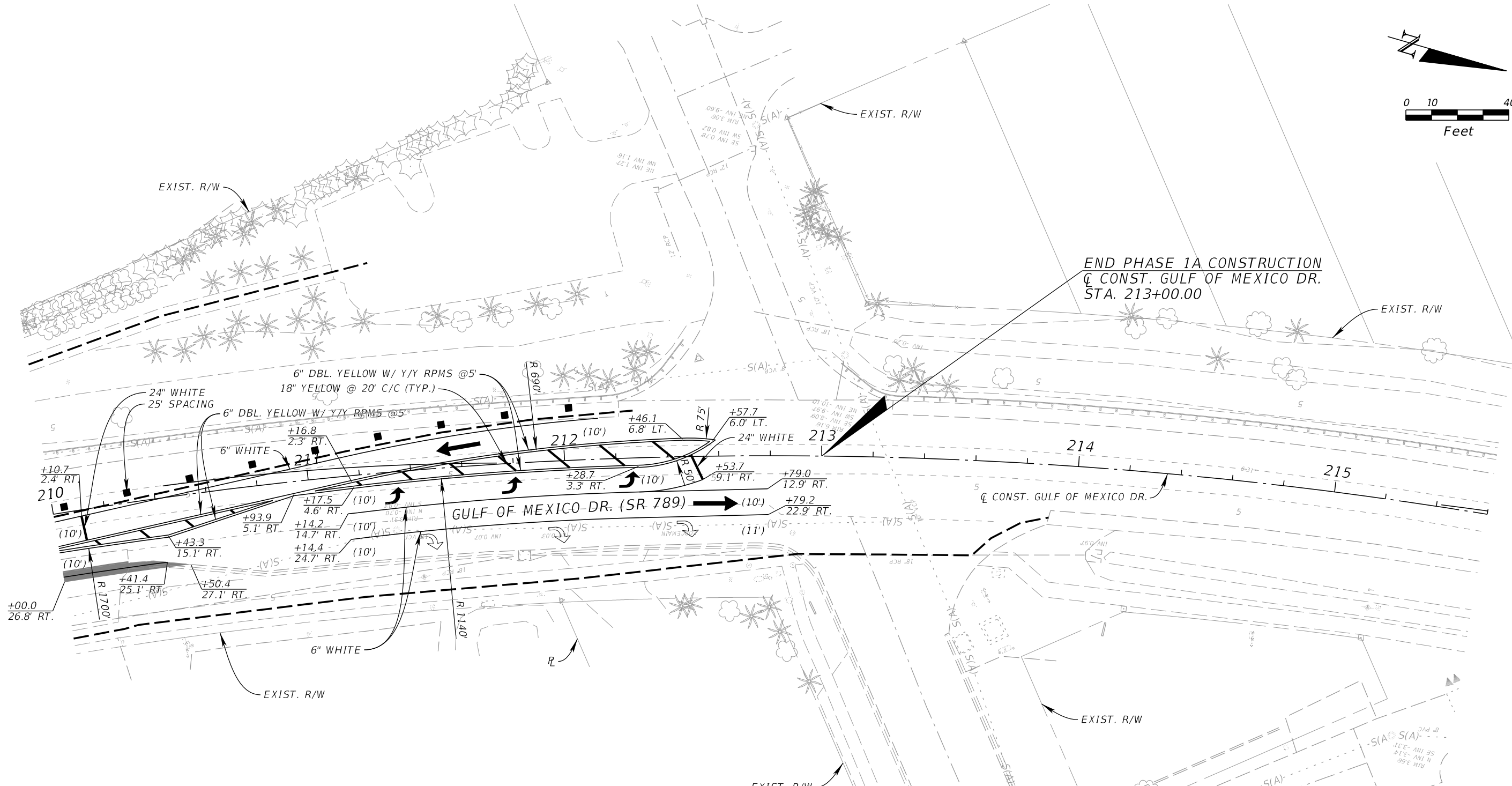
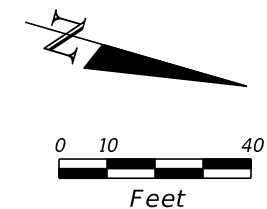
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GULF OF MEXICO DRIVE

TTCP  
PHASE IA (2)

SHEET  
NO.  
52

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END PHASE 1A CONSTRUCTION  
 C/C CONST. GULF OF MEXICO DR.  
 STA. 213+00.00

**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

**Kimley»Horn**

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

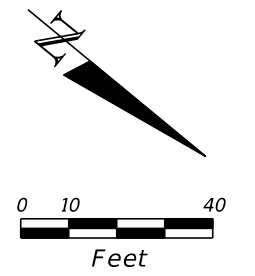
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 PHASE 1A (3)

SHEET NO.

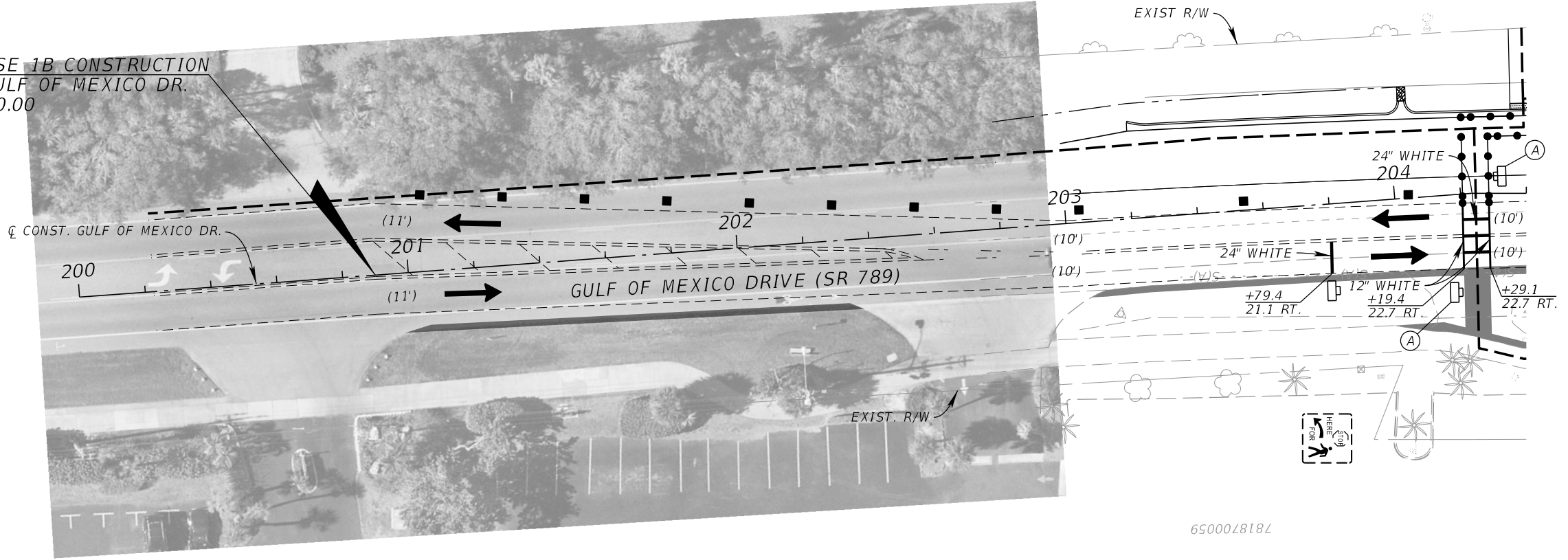
53



Ⓐ RELOCATED FROM EXIST. MIDBLOCK CROSSING



BEGIN PHASE 1B CONSTRUCTION  
 Ⓞ CONST. GULF OF MEXICO DR.  
 STA. 200+90.00



EXIST. PAVT. MARKINGS FROM PHASE 1A TO REMAIN  
 ADD PAVT. MARKINGS FOR MID-BLOCK CROSSING AT STA. 204+24

**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

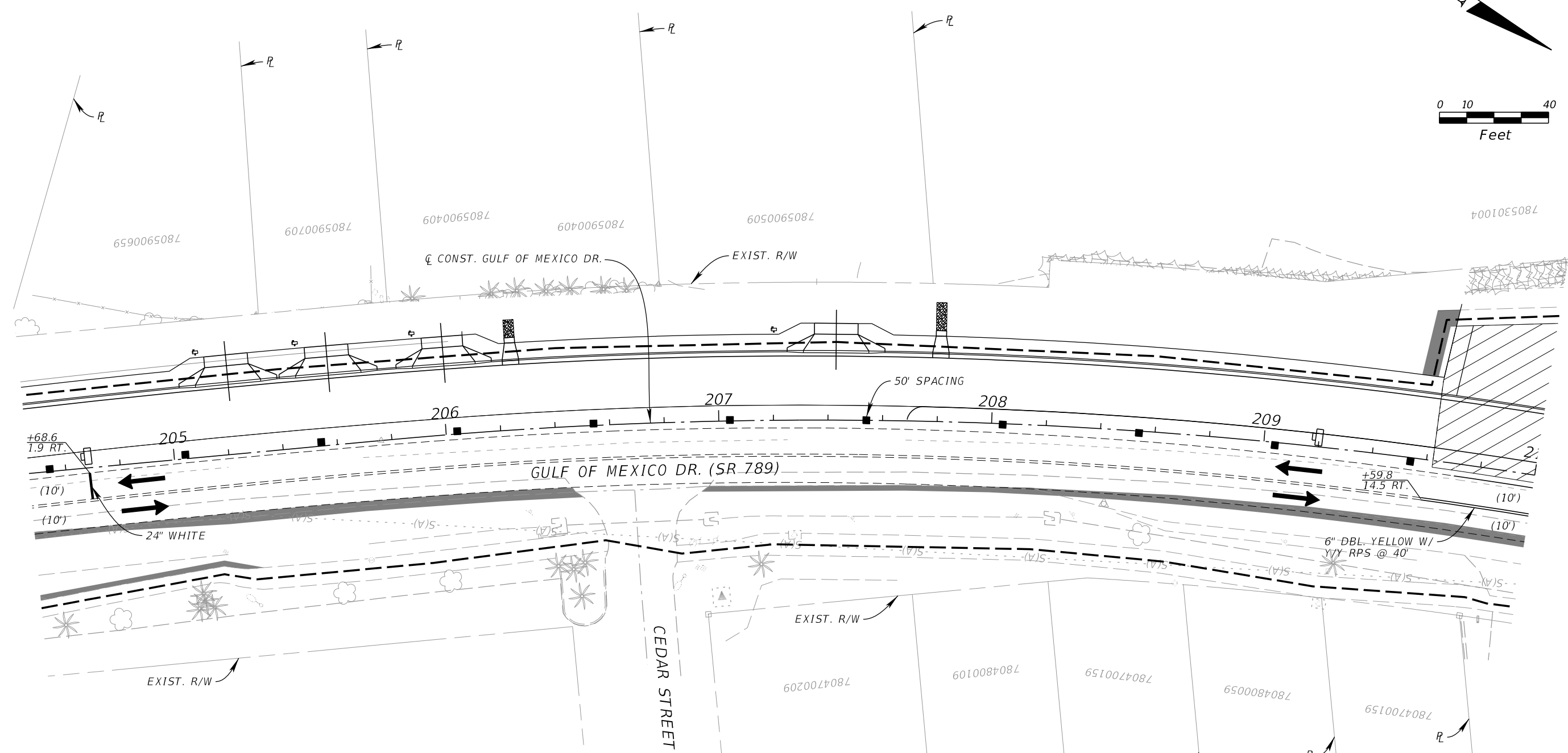
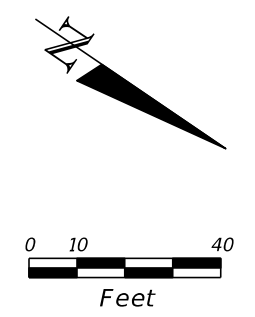
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

TTCP  
 PHASE IB (1)

SHEET NO.  
 54

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**LEGEND**

	TEMPORARY PAVEMENT		CHANNELIZING DEVICE
	WORK ZONE AREA		PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
	TEMP. OVERBUILD		LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	WORK ZONE SIGN		DIRECTIONAL ARROW
	TYPE III BARRICADE		SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

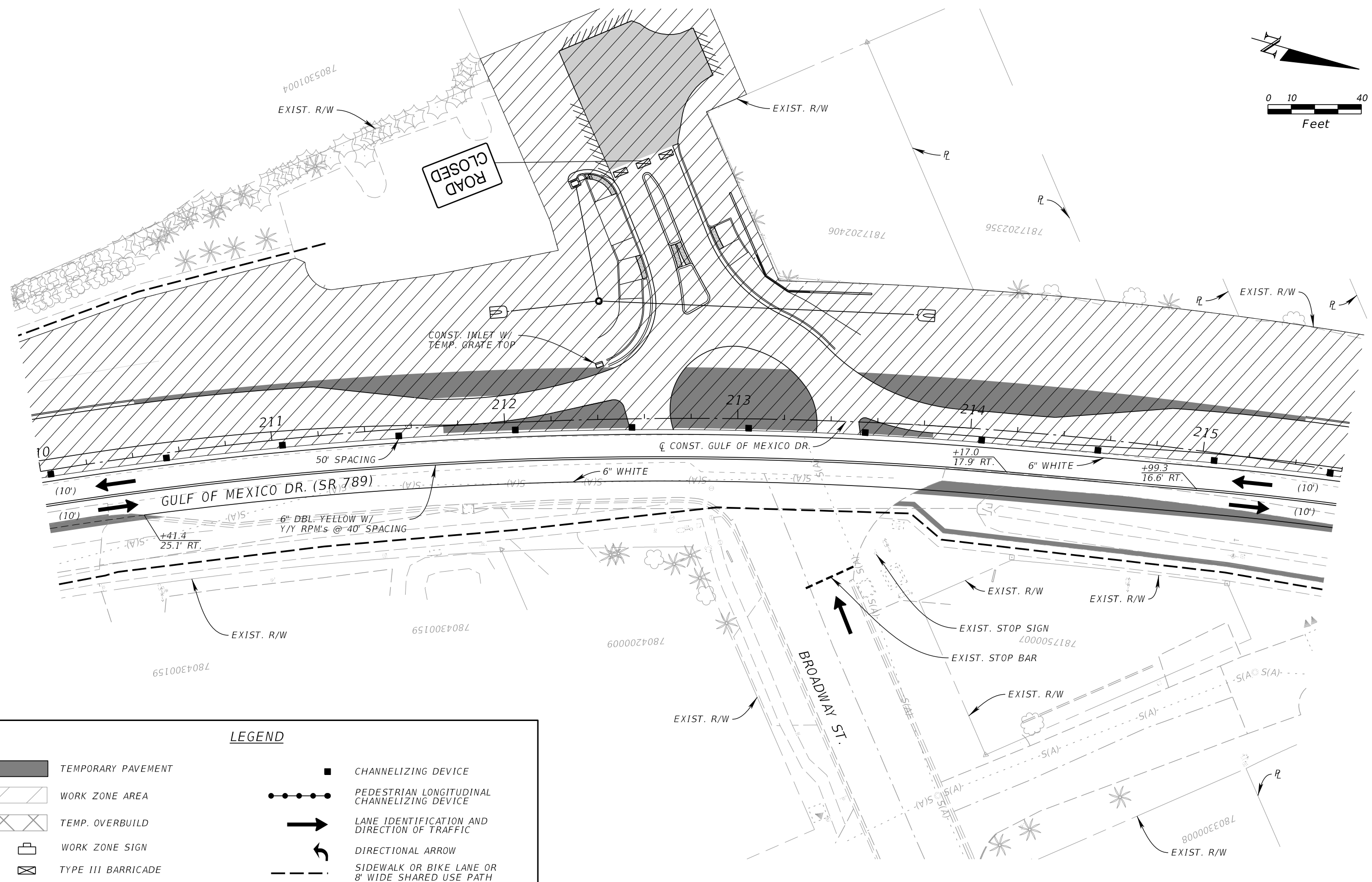
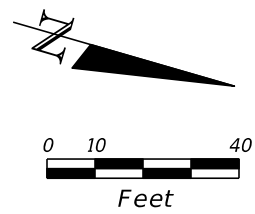
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

TTCP  
 PHASE IB (2)

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.



**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

Kimley»Horn

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

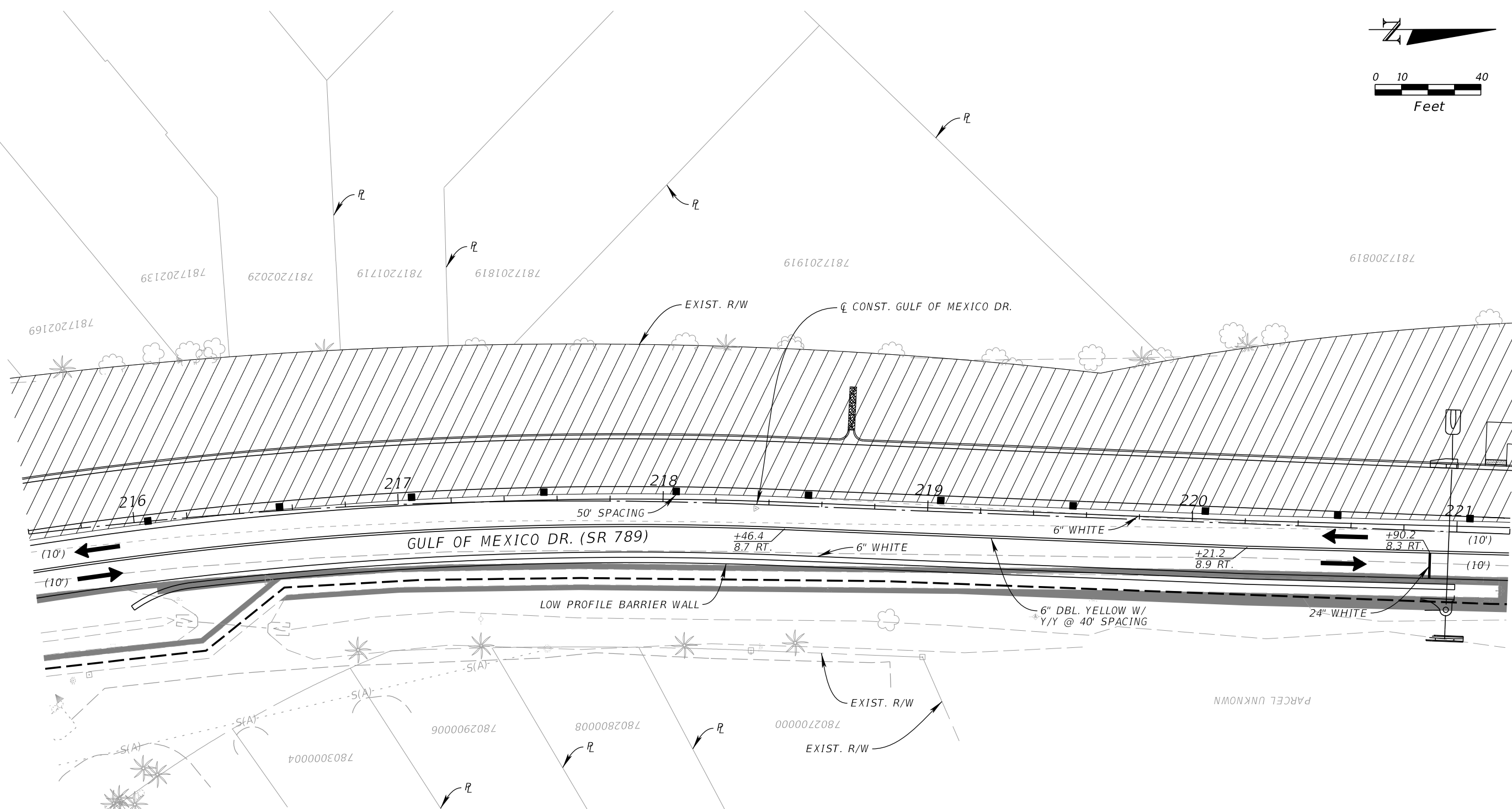
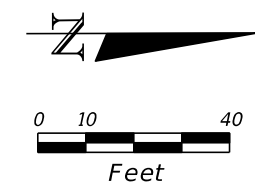
GULF OF MEXICO DRIVE

TTCP  
PHASE IB (3)

SHEET  
NO.  
56

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**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

Kimley»Horn

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

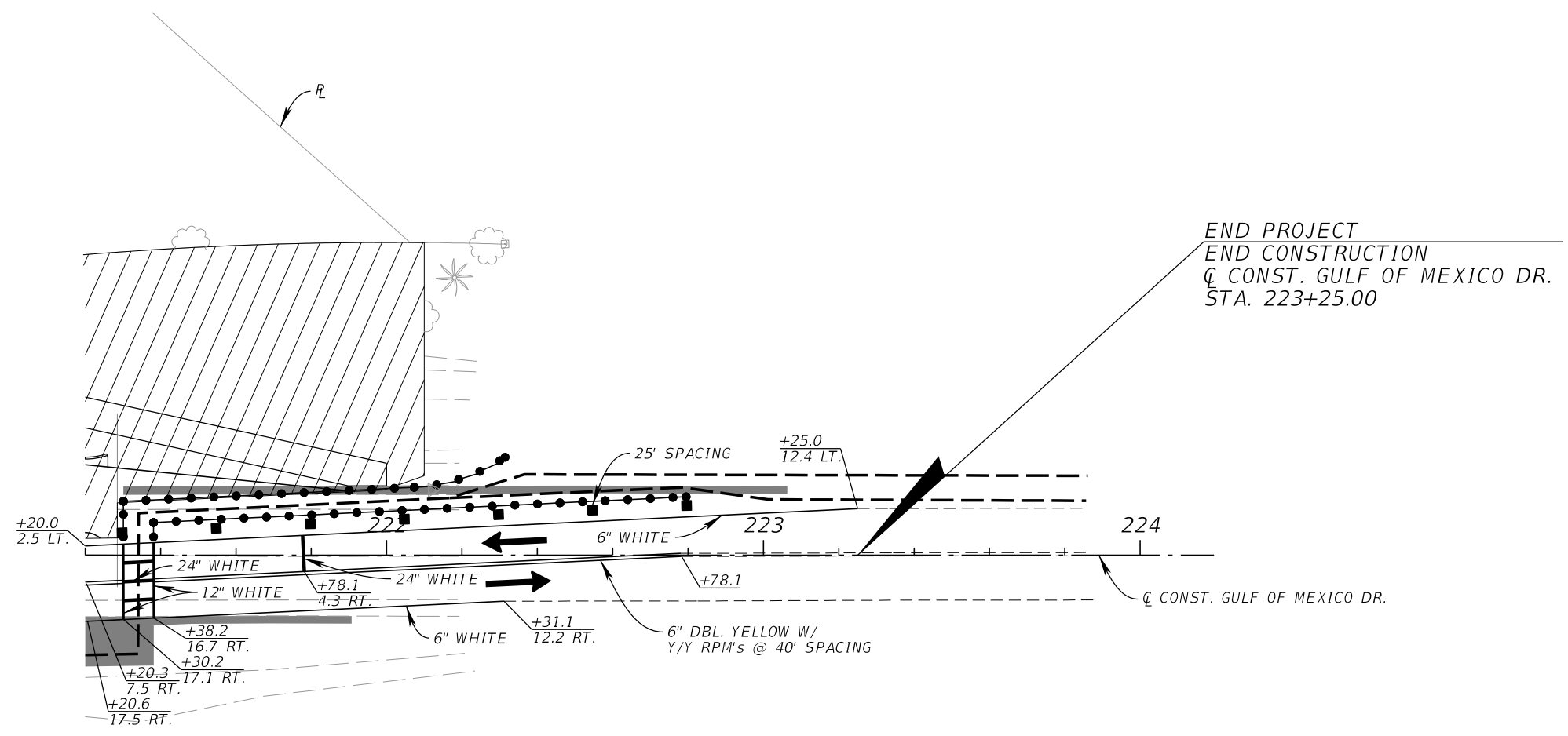
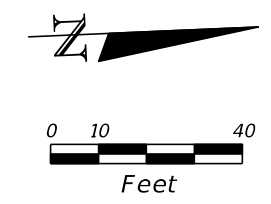
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GULF OF MEXICO DRIVE

TTCP  
PHASE IB (4)

SHEET  
NO.  
  
57

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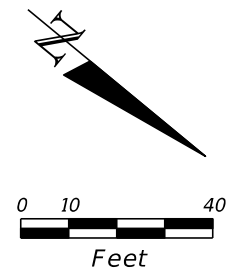


END PROJECT  
 END CONSTRUCTION  
 C.C. CONST. GULF OF MEXICO DR.  
 STA. 223+25.00

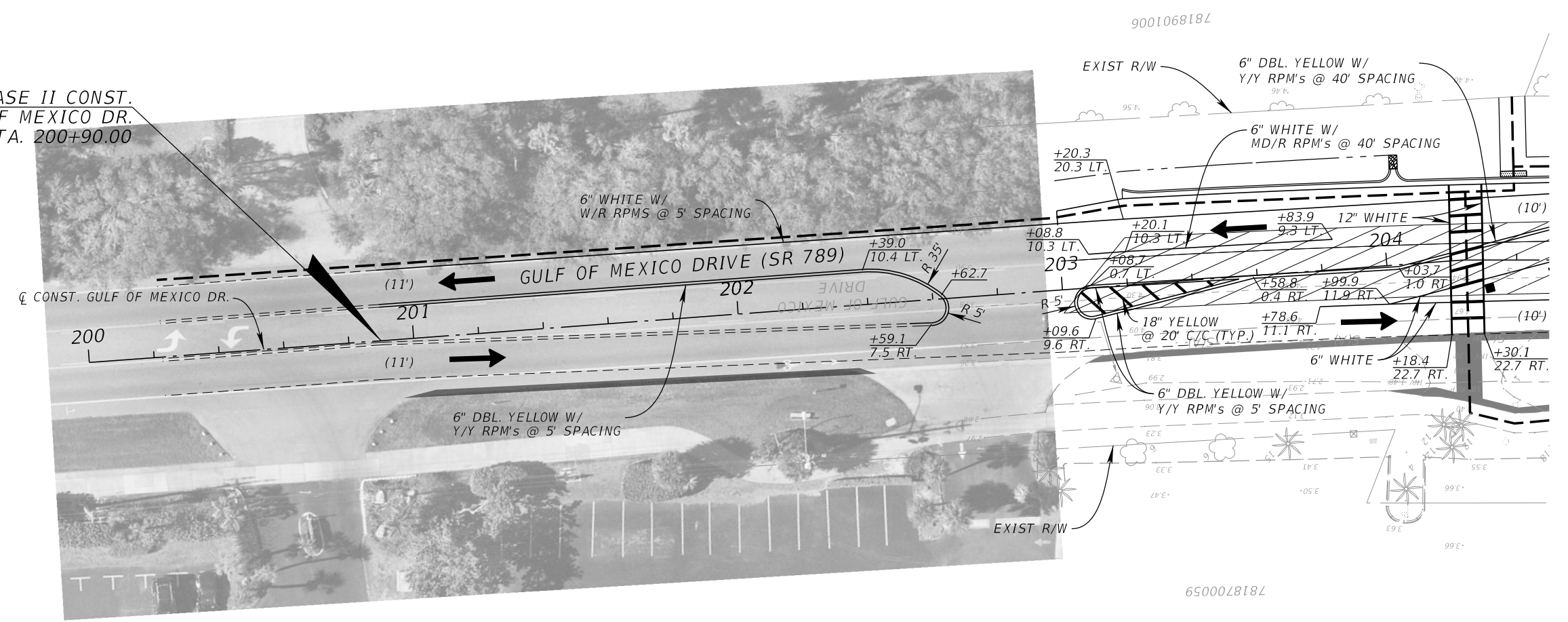
LEGEND	
	TEMPORARY PAVEMENT
	WORK ZONE AREA
	TEMP. OVERBUILD
	WORK ZONE SIGN
	TYPE III BARRICADE
	CHANNELIZING DEVICE
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	DIRECTIONAL ARROW
	SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E.          P.E. LICENSE NUMBER: 49629          1800 SECOND STREET, SUITE 900          SARASOTA, FL 34236          (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>TTCP</b> <b>PHASE IB (5)</b>	SHEET NO.
					GULF OF MEXICO DRIVE		58

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



BEGIN PRE PHASE II CONST.  
 SURVEY GULF OF MEXICO DR.  
 STA. 200+90.00



**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY

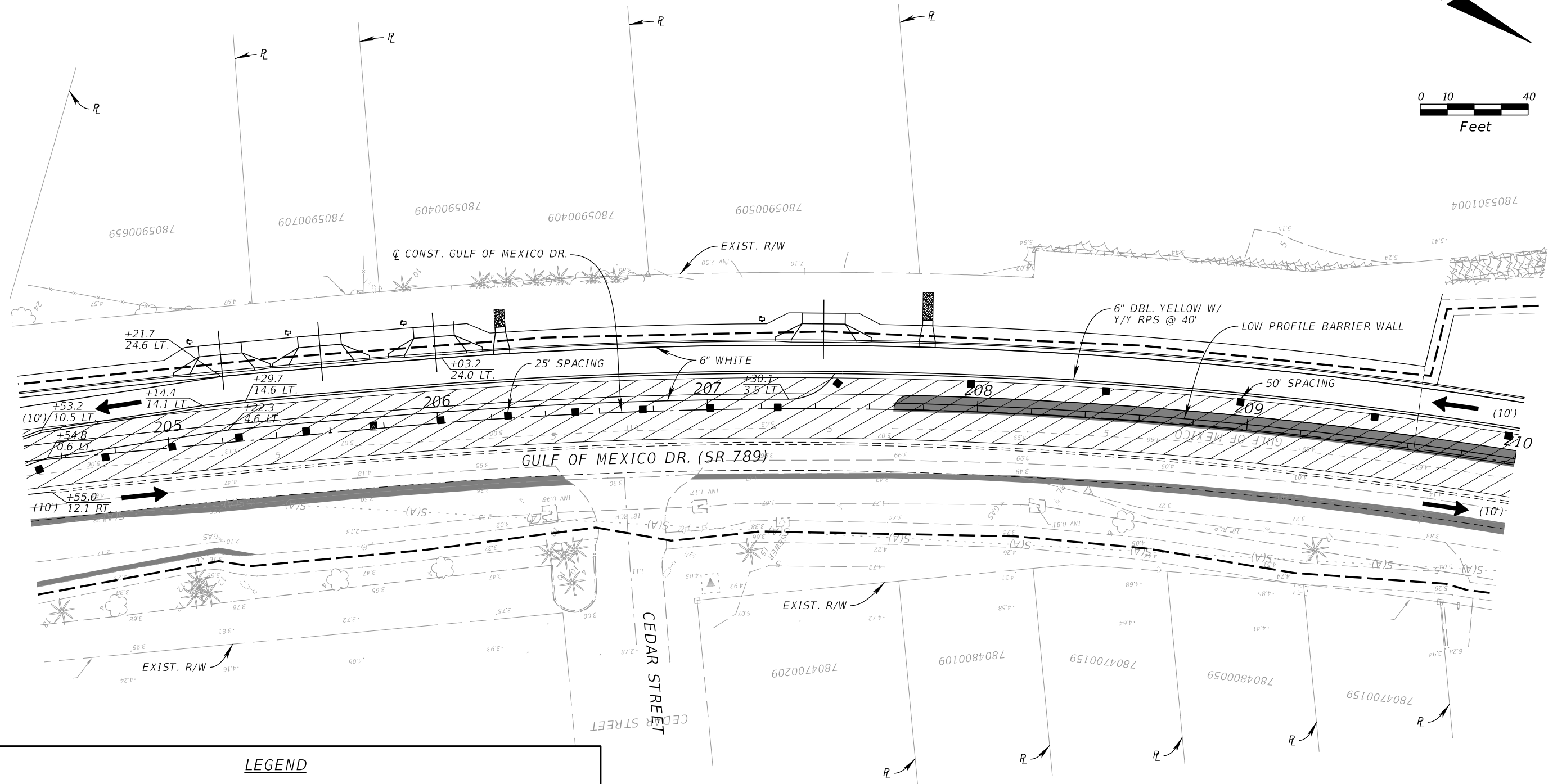
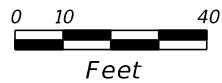
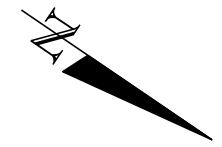
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GULF OF MEXICO DRIVE

**TTCP**  
**PRE PHASE II (1)**

SHEET  
 NO.  
**59**

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**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

**Kimley»Horn**

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

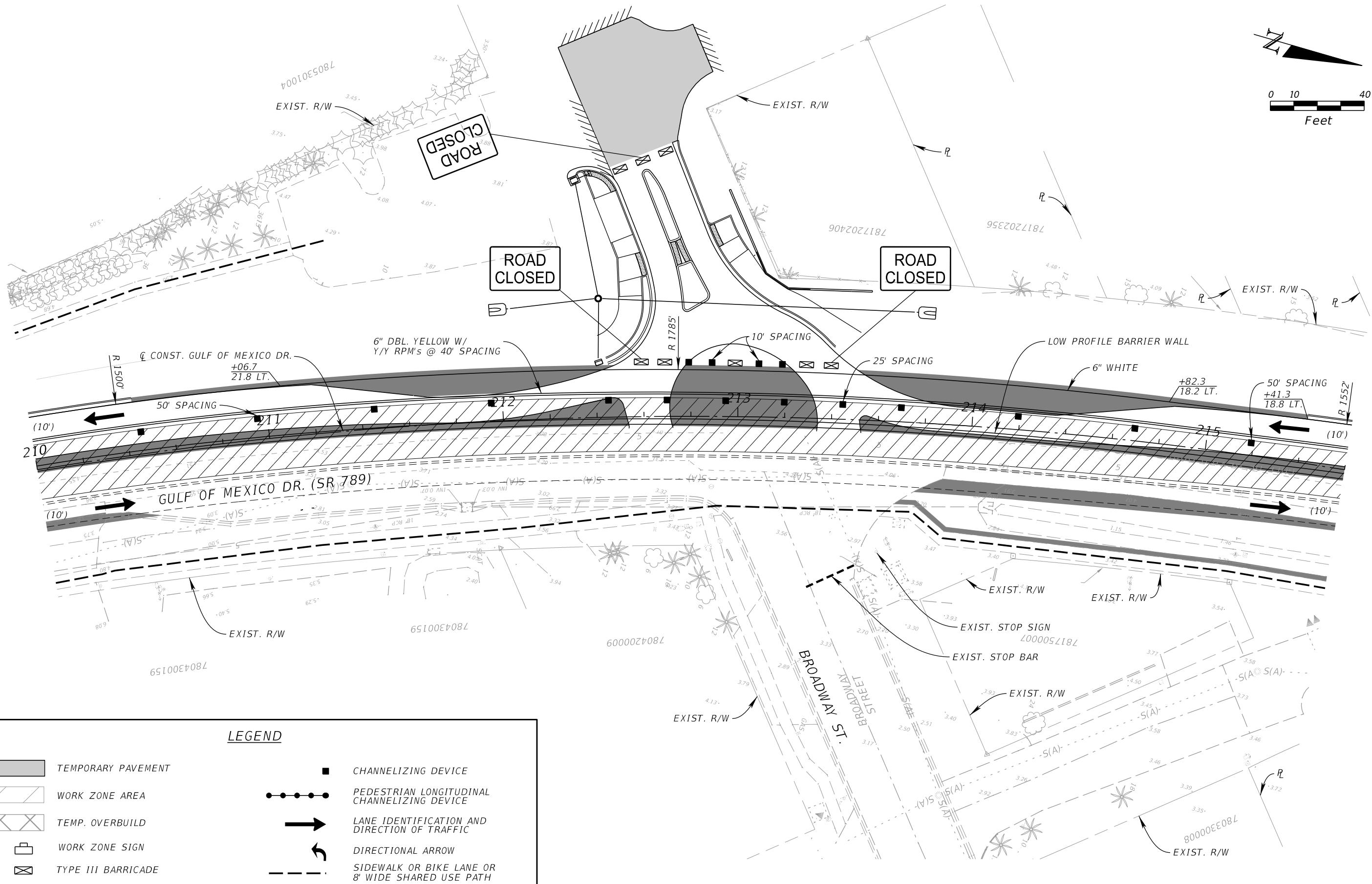
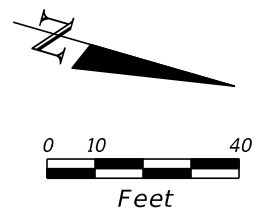
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

**TTCP**  
**PRE PHASE II (2)**

SHEET NO.

60



**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

Kimley»Horn

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P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

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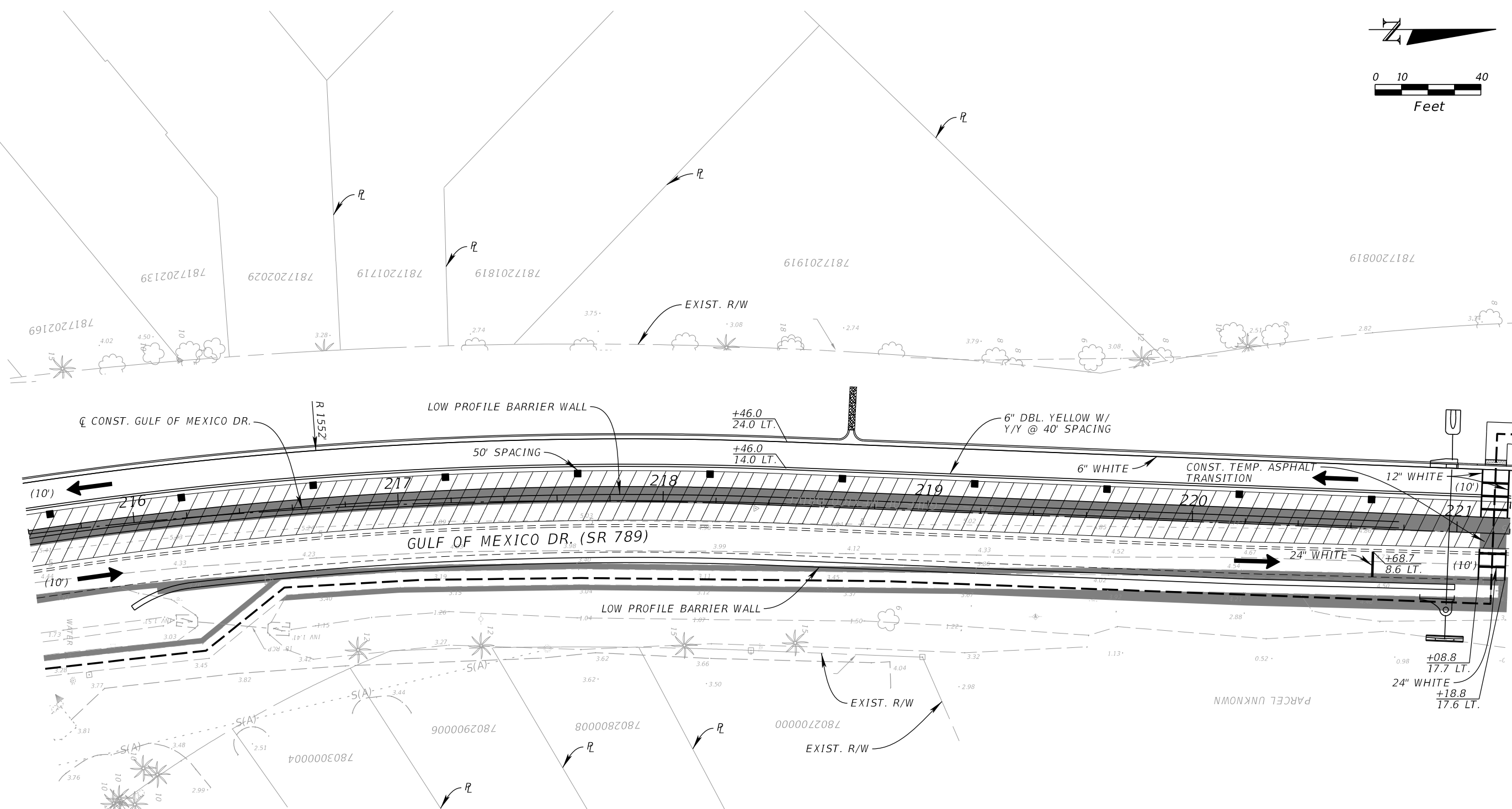
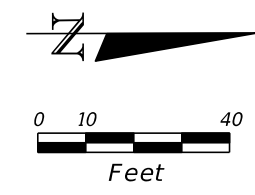
GULF OF MEXICO DRIVE

TTCP

PRE PHASE II (3)

SHEET NO.

61



**LEGEND**

- PAVEMENT FROM PREVIOUS PHASE
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

**Kimley»Horn**

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P.E. LICENSE NUMBER: 49629  
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SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

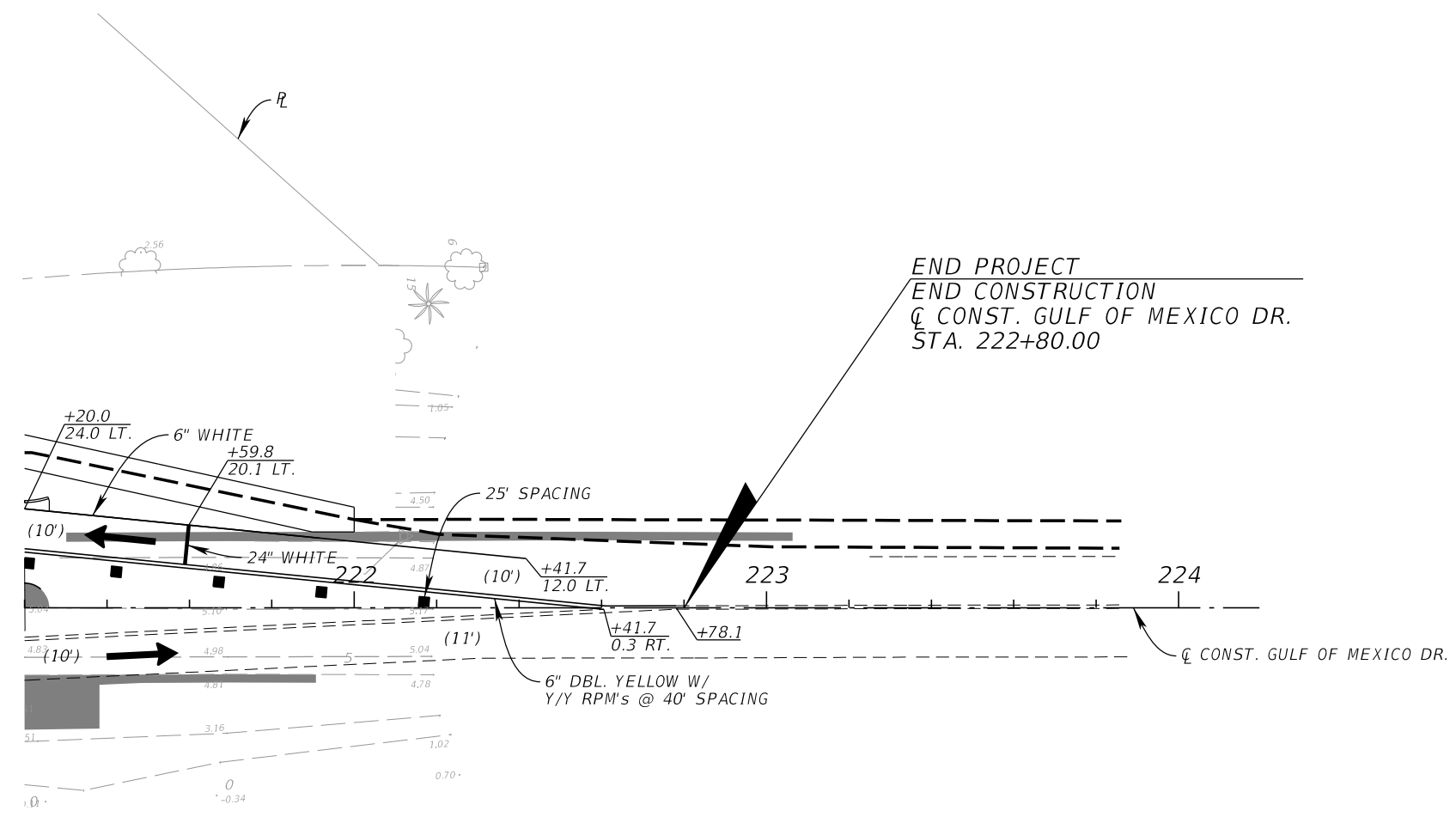
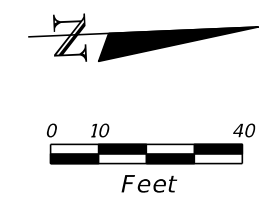
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GULF OF MEXICO DRIVE

*TTCP*  
*PRE PHASE II (4)*

SHEET NO.  
**62**

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



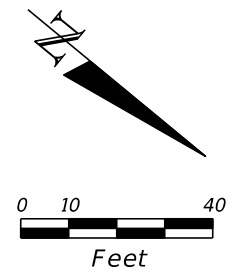
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 END CONSTRUCTION  
 C CONST. GULF OF MEXICO DR.  
 STA. 222+80.00

**LEGEND**

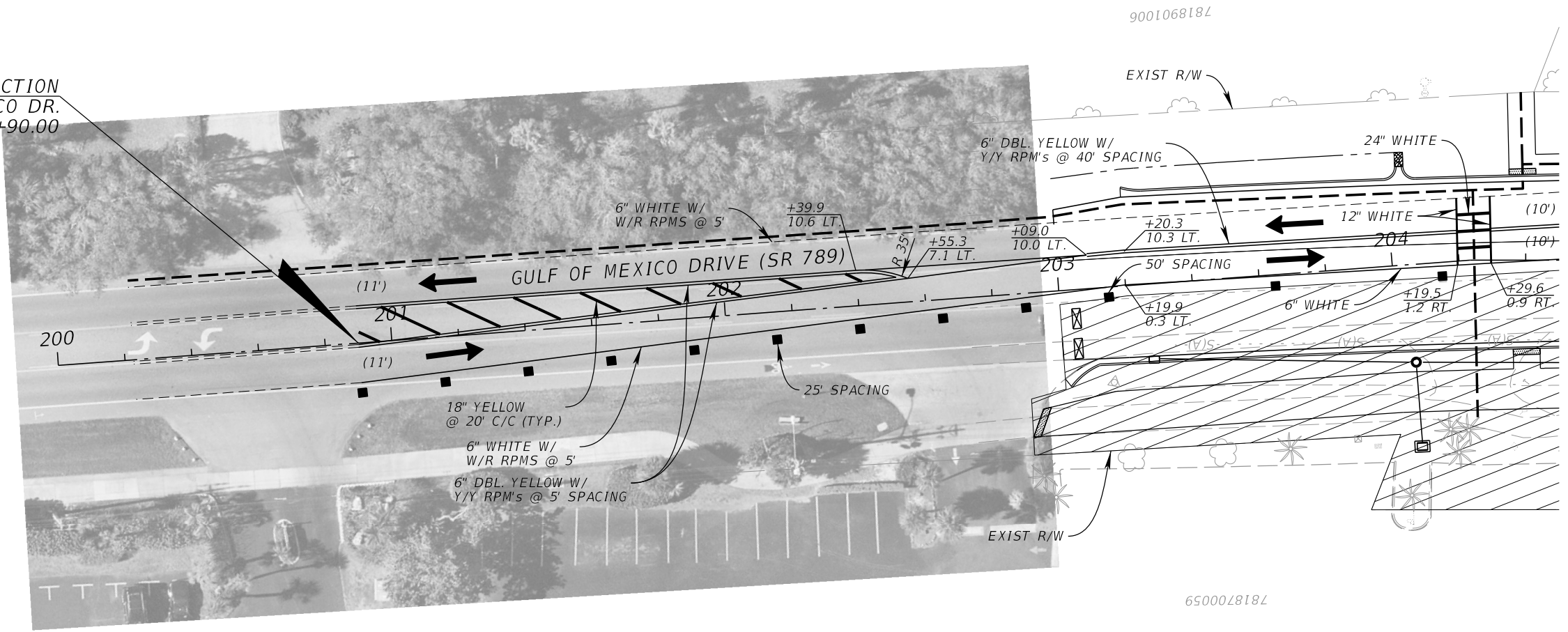
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	WORK ZONE AREA		PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
	TEMP. OVERBUILD		LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	WORK ZONE SIGN		DIRECTIONAL ARROW
	TYPE III BARRICADE		SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION	 GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600	TOWN OF LONGBOAT KEY	TTCP PRE PHASE II (5)	SHEET NO.
					GULF OF MEXICO DRIVE		63

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BEGIN PHASE IIA CONSTRUCTION  
 @ SURVEY GULF OF MEXICO DR.  
 STA. 200+90.00



**LEGEND**

- TEMPORARY PAVEMENT
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

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 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY

---

GULF OF MEXICO DRIVE

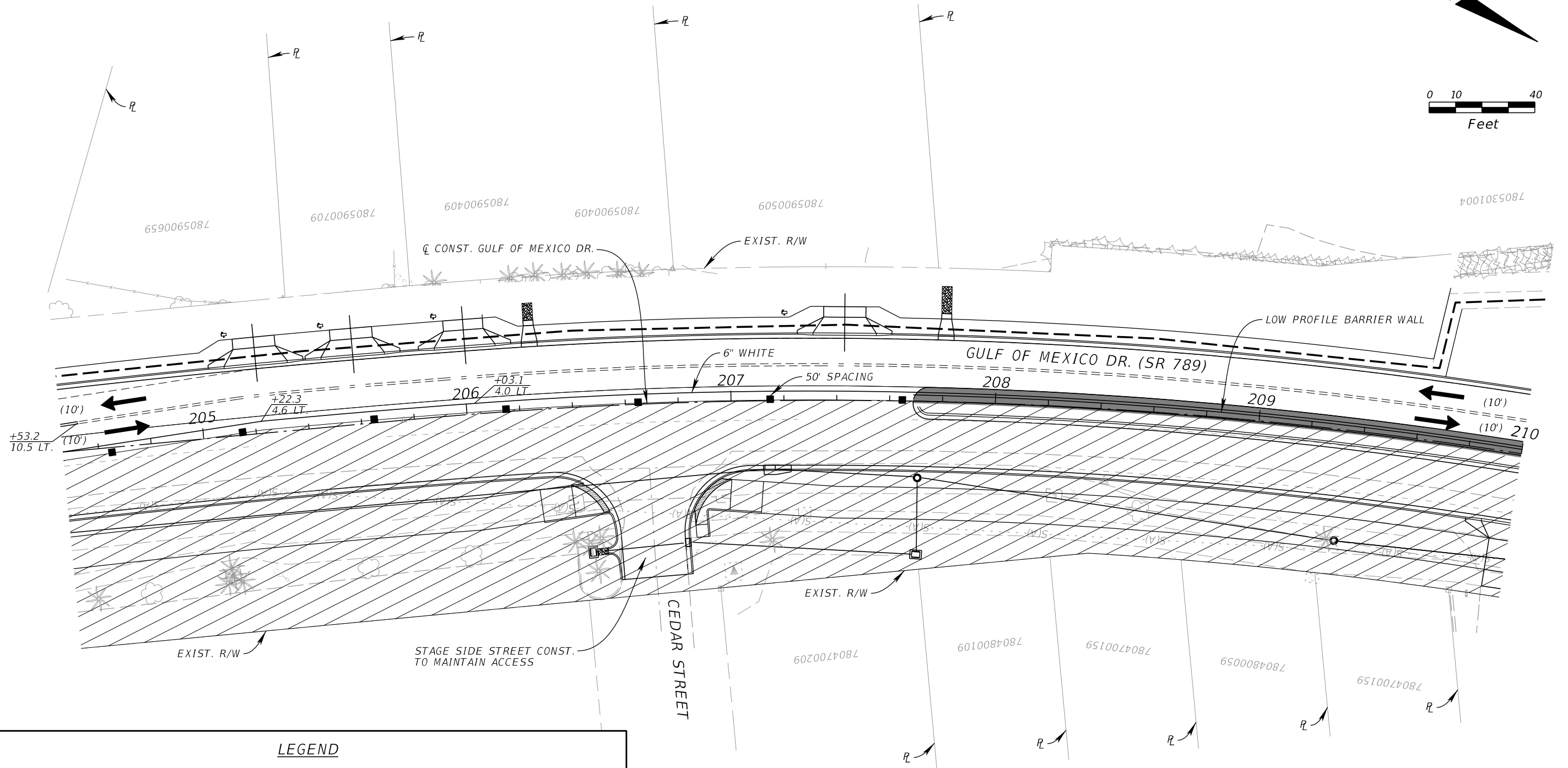
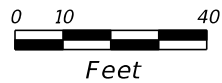
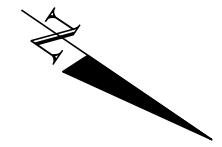
*TTCP*

*PHASE IIA (1)*

SHEET NO.  
64

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**LEGEND**

- PAVEMENT FROM PREVIOUS PHASE
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

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 P.E. LICENSE NUMBER: 49629  
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 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY

---

GULF OF MEXICO DRIVE

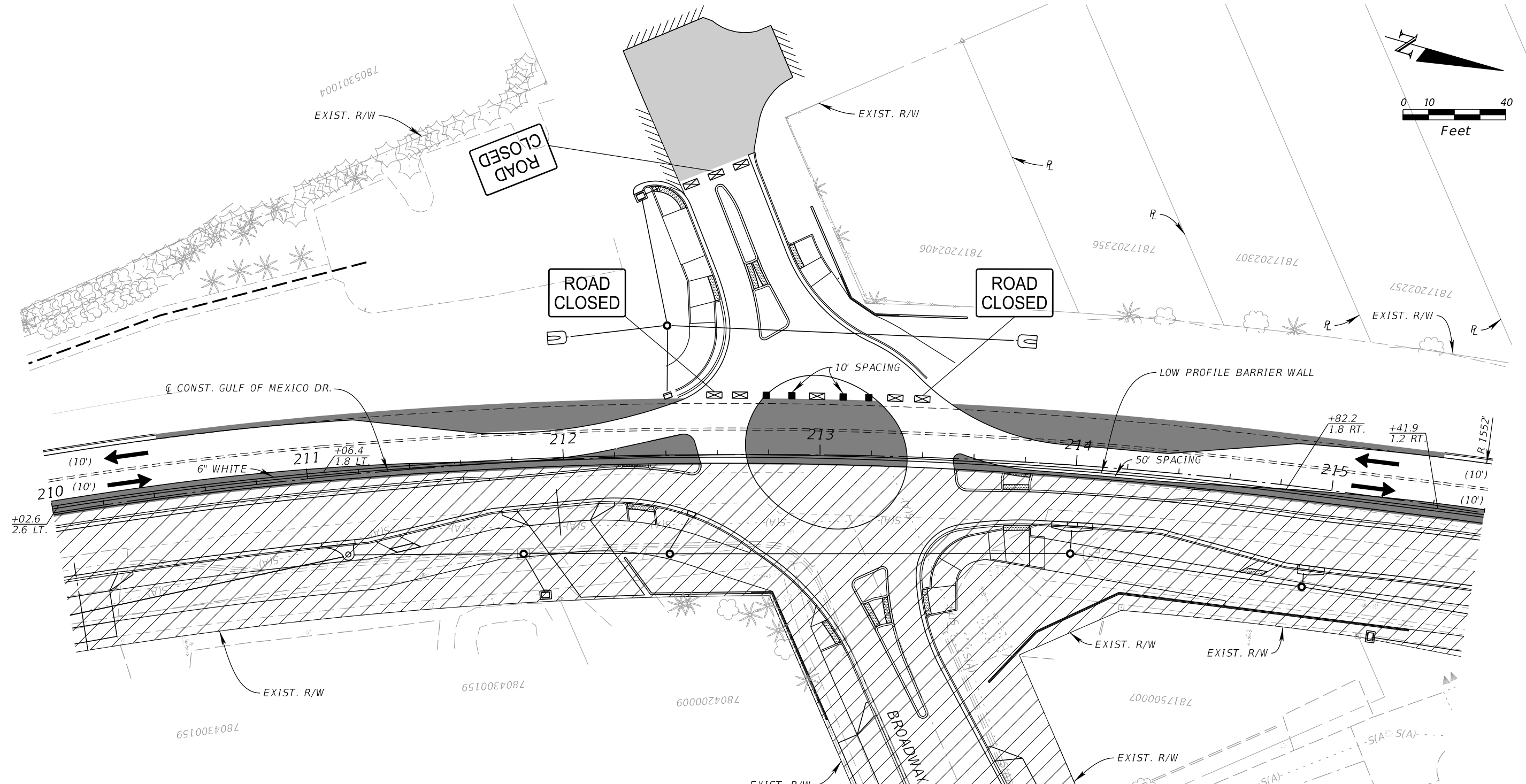
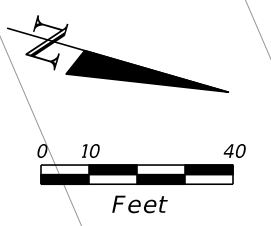
TTCP

PHASE IIA (2)

SHEET NO.

65

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**LEGEND**

- PAVEMENT FROM PREVIOUS PHASE
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. LICENSE NUMBER: 49629  
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SARASOTA, FL 34236  
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TOWN OF LONGBOAT KEY

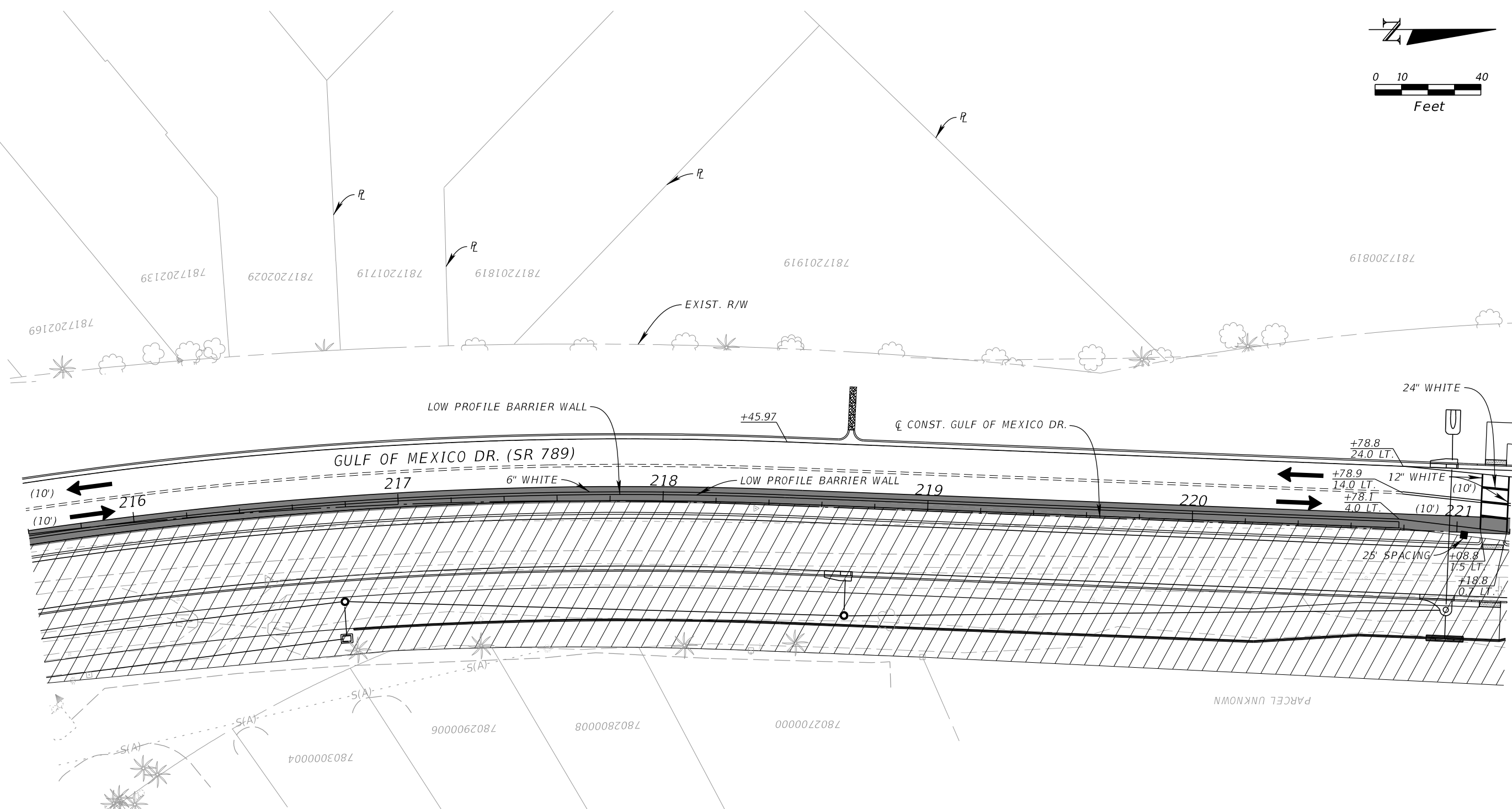
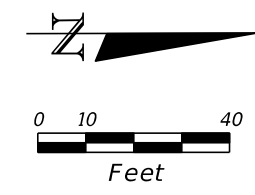
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GULF OF MEXICO DRIVE

TTCP  
PHASE IIA (3)

SHEET  
NO.  
  
66

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**LEGEND**

- PAVEMENT FROM PREVIOUS PHASE
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

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TOWN OF LONGBOAT KEY

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GULF OF MEXICO DRIVE

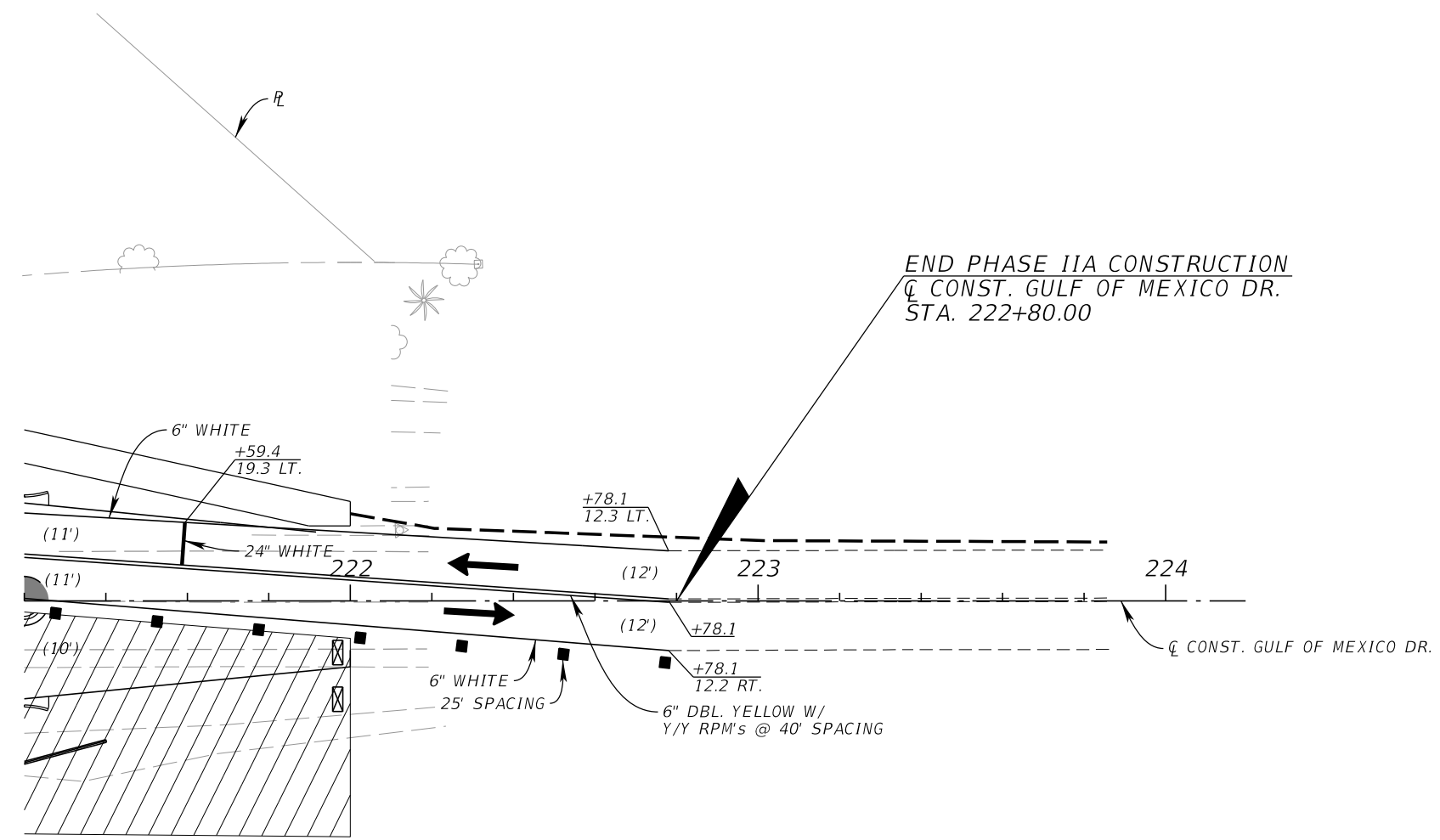
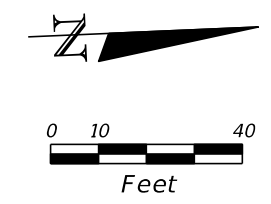
*TTCP*

*PHASE IIA (4)*

SHEET NO.

67

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END PHASE IIA CONSTRUCTION  
 C CONST. GULF OF MEXICO DR.  
 STA. 222+80.00

LEGEND	
	PAVEMENT FROM PREVIOUS PHASE
	WORK ZONE AREA
	TEMP. OVERBUILD
	WORK ZONE SIGN
	TYPE III BARRICADE
	CHANNELIZING DEVICE
	PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	DIRECTIONAL ARROW
	SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

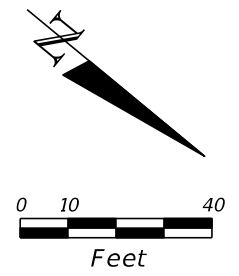
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 SARASOTA, FL 34236  
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TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

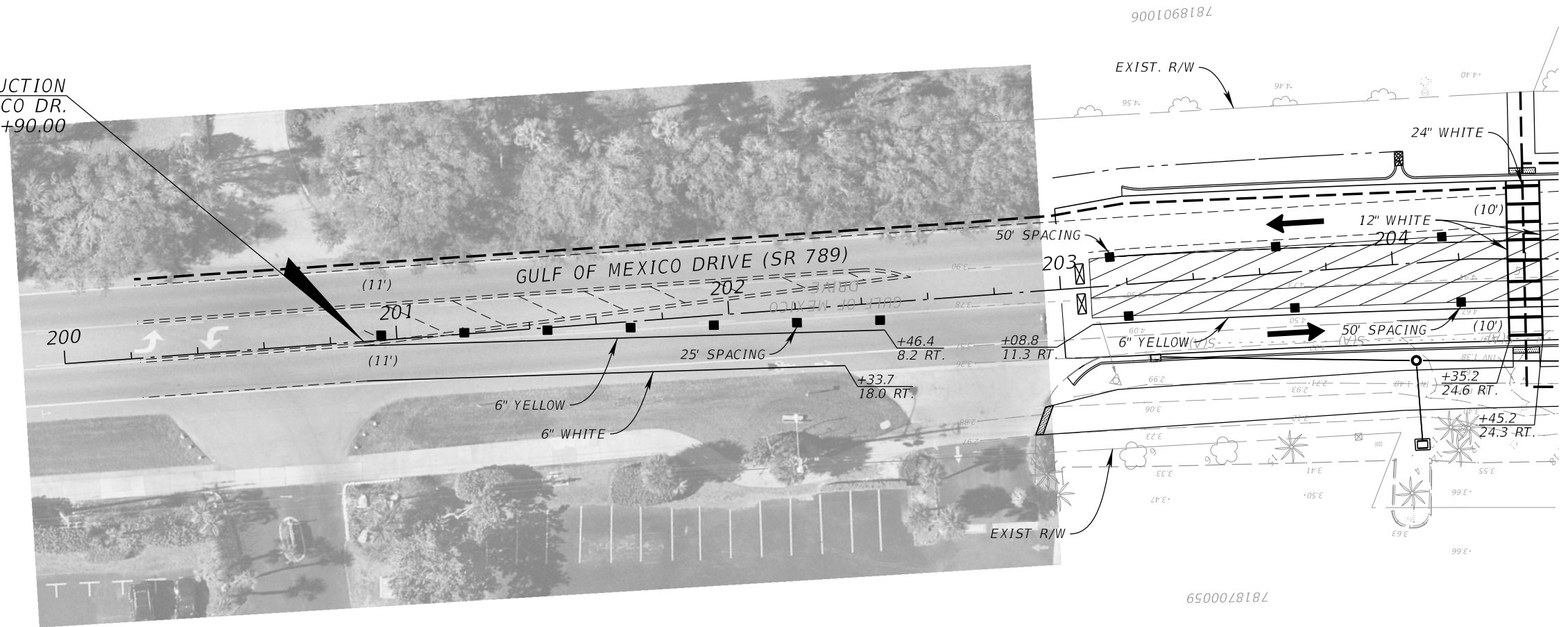
TTCP  
 PHASE IIA (5)

SHEET NO.  
 68











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BEGIN PHASE IIB CONSTRUCTION  
 @ SURVEY GULF OF MEXICO DR.  
 STA. 200+90.00



**LEGEND**

- |   |                              |   |  |
|---|------------------------------|---|--|
|  | PAVEMENT FROM PREVIOUS PHASE |  | CHANNELIZING DEVICE                              |
|  | WORK ZONE AREA               |  | PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE      |
|  | TEMP. OVERBUILD              |  | LANE IDENTIFICATION AND DIRECTION OF TRAFFIC     |
|  | WORK ZONE SIGN               |  | DIRECTIONAL ARROW                                |
|  | TYPE III BARRICADE           |  | SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH |

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 P.E. LICENSE NUMBER: 49629  
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 SARASOTA, FL 34236  
 (941) 379-7600

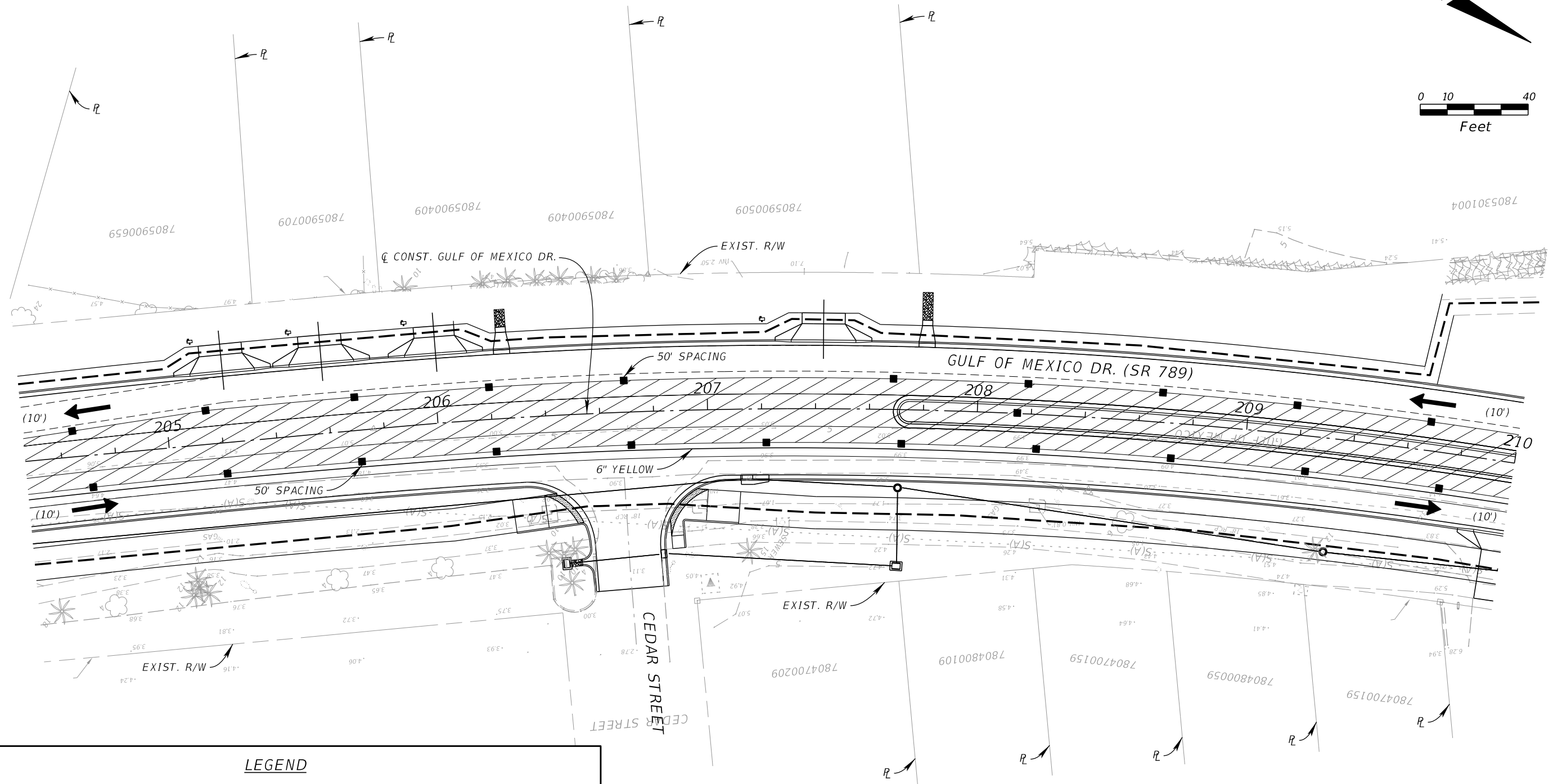
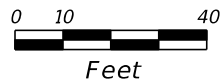
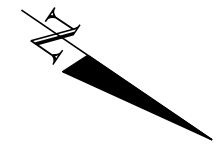
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE




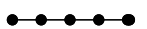






**TTCP**  
**PHASE IIB (1)**

SHEET NO.

69



**LEGEND**

- |  |  |
|--|--|
|  PAVEMENT FROM PREVIOUS PHASE |  CHANNELIZING DEVICE                              |
|  WORK ZONE AREA               |  PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE      |
|  TEMP. OVERBUILD              |  LANE IDENTIFICATION AND DIRECTION OF TRAFFIC     |
|  WORK ZONE SIGN               |  DIRECTIONAL ARROW                                |
|  TYPE III BARRICADE           |  SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH |

DATE	DESCRIPTION	DATE	DESCRIPTION

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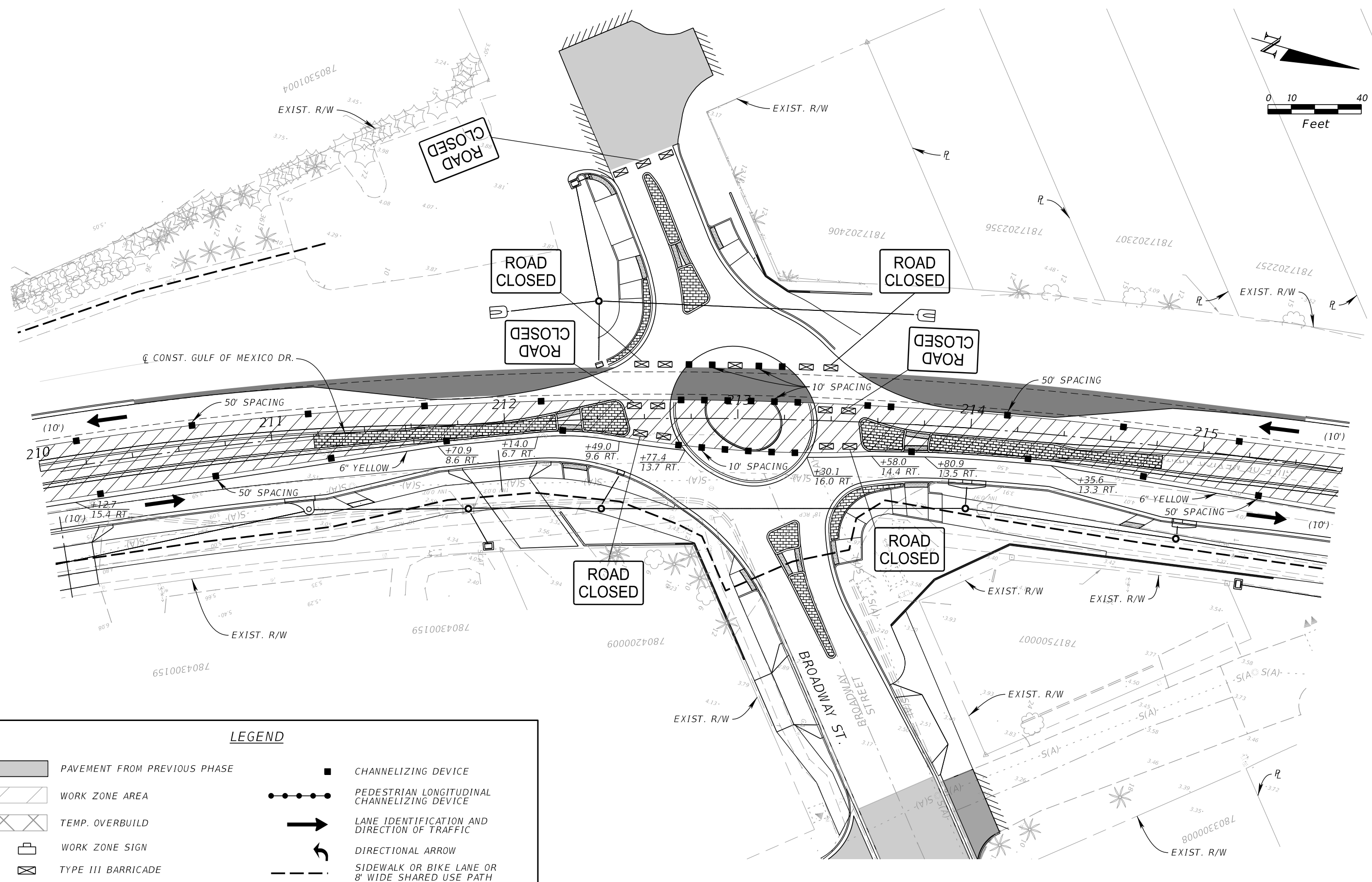
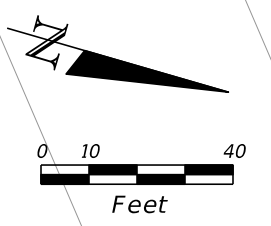
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

TTCP  
 PHASE IIB (2)

SHEET NO.  
 70

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**LEGEND**

- |  |                              |  |  |
|--|------------------------------|--|--|
|  | PAVEMENT FROM PREVIOUS PHASE |  | CHANNELIZING DEVICE                              |
|  | WORK ZONE AREA               |  | PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE      |
|  | TEMP. OVERBUILD              |  | LANE IDENTIFICATION AND DIRECTION OF TRAFFIC     |
|  | WORK ZONE SIGN               |  | DIRECTIONAL ARROW                                |
|  | TYPE III BARRICADE           |  | SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH |

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 P.E. LICENSE NUMBER: 49629  
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 (941) 379-7600

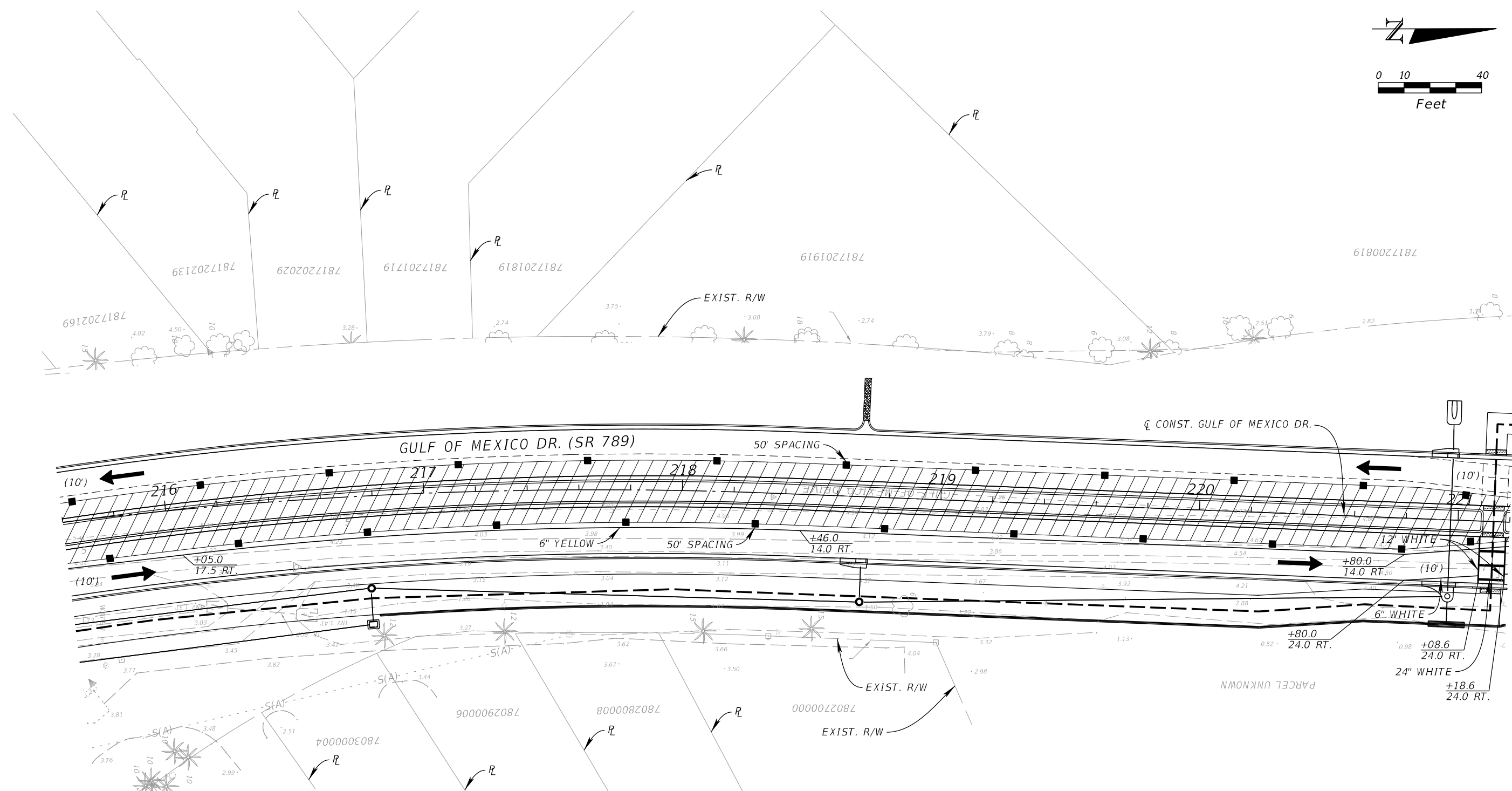
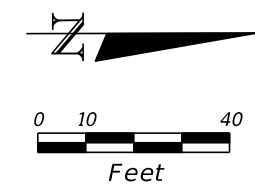
TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

**TTCP**  
**PHASE IIB (3)**




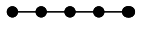





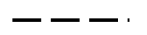
DATE	DESCRIPTION	DATE	DESCRIPTION

SHEET NO.  
**71**

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**LEGEND**

- |   |                              |   |  |
|---|------------------------------|---|--|
|  | PAVEMENT FROM PREVIOUS PHASE |  | CHANNELIZING DEVICE                              |
|  | WORK ZONE AREA               |  | PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE      |
|  | TEMP. OVERBUILD              |  | LANE IDENTIFICATION AND DIRECTION OF TRAFFIC     |
|  | WORK ZONE SIGN               |  | DIRECTIONAL ARROW                                |
|  | TYPE III BARRICADE           |  | SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH |

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

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 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY

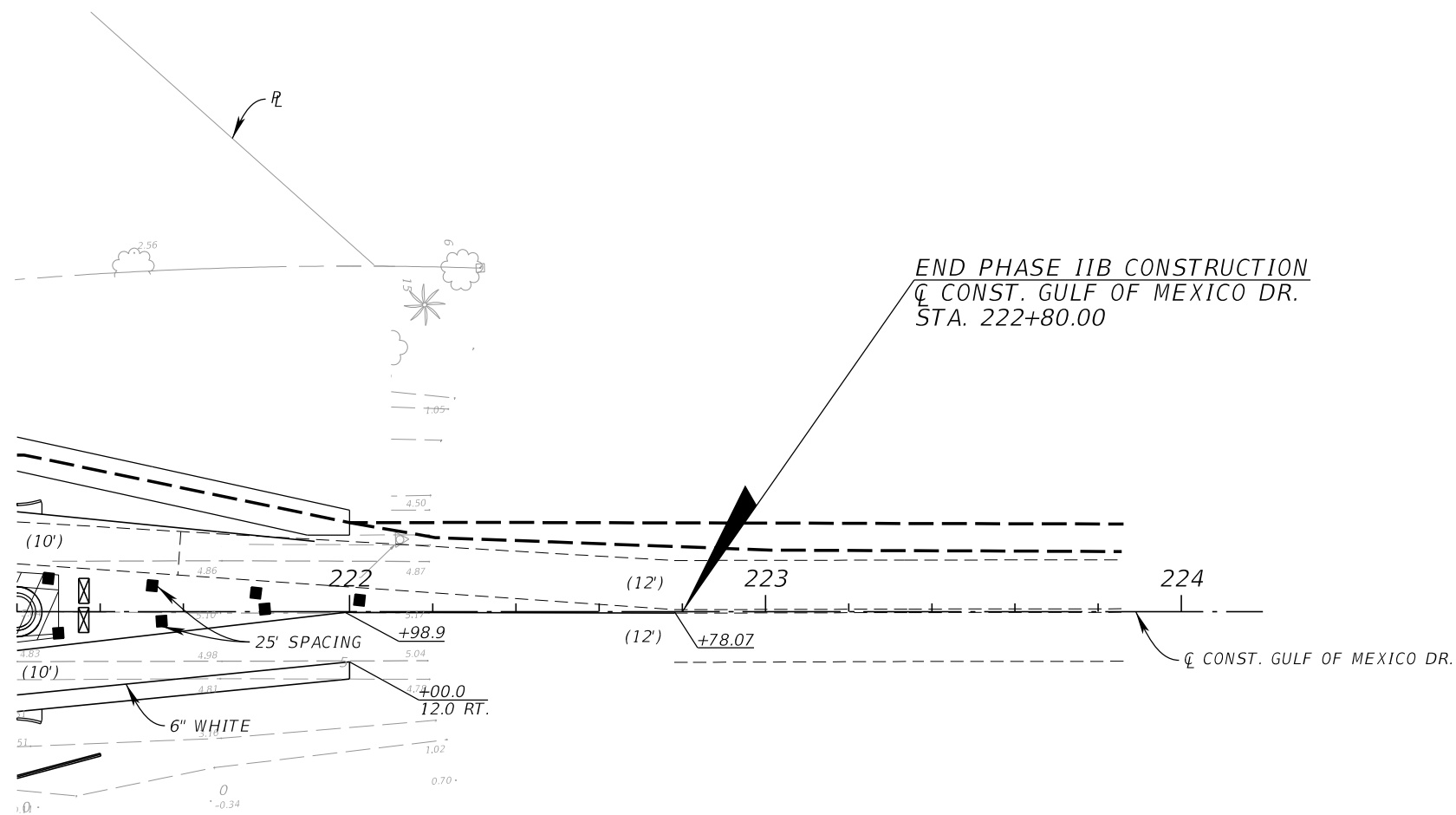
GULF OF MEXICO DRIVE

TTCP  
 PHASE IIB (4)

SHEET NO.  
 72







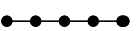



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END PHASE IIB CONSTRUCTION  
 Q CONST. GULF OF MEXICO DR.  
 STA. 222+80.00

**LEGEND**

-  PAVEMENT FROM PREVIOUS PHASE
-  WORK ZONE AREA
-  TEMP. OVERBUILD
-  WORK ZONE SIGN
-  TYPE III BARRICADE
-  CHANNELIZING DEVICE
-  PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
-  LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
-  DIRECTIONAL ARROW
-  SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

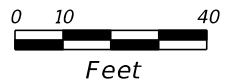
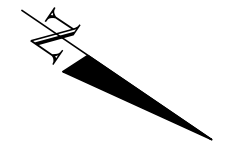
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

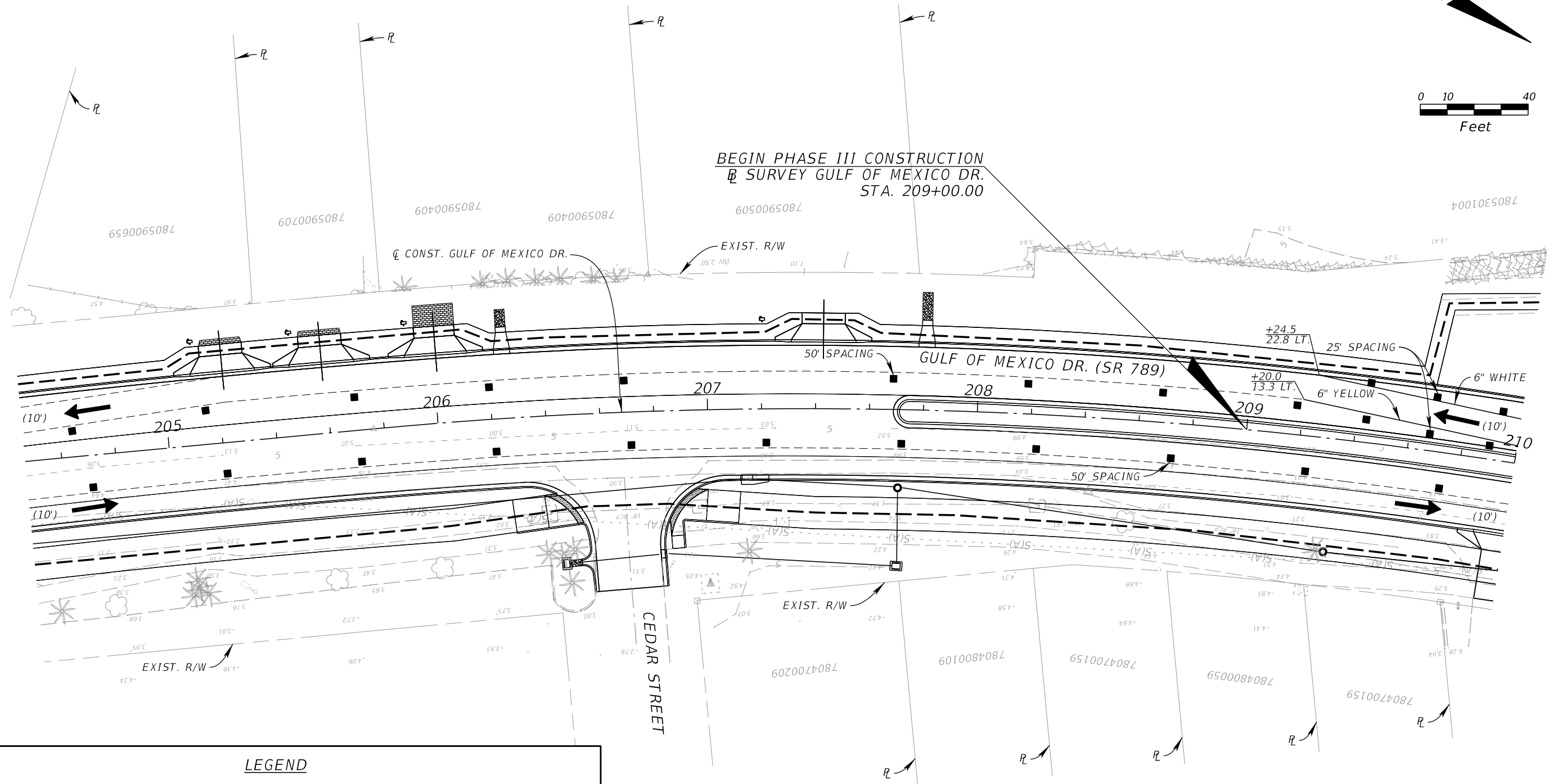
TTCP  
 PHASE IIB (5)  
 73

SHEET NO.  
 73

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BEGIN PHASE III CONSTRUCTION  
 @ SURVEY GULF OF MEXICO DR.  
 STA. 209+00.00



**LEGEND**

- PAVEMENT FROM PREVIOUS PHASE
- WORK ZONE AREA
- TEMP. OVERBUILD
- WORK ZONE SIGN
- TYPE III BARRICADE
- CHANNELIZING DEVICE
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- DIRECTIONAL ARROW
- SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

Kimley»Horn

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 P.E. LICENSE NUMBER: 49629  
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 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY

---

GULF OF MEXICO DRIVE

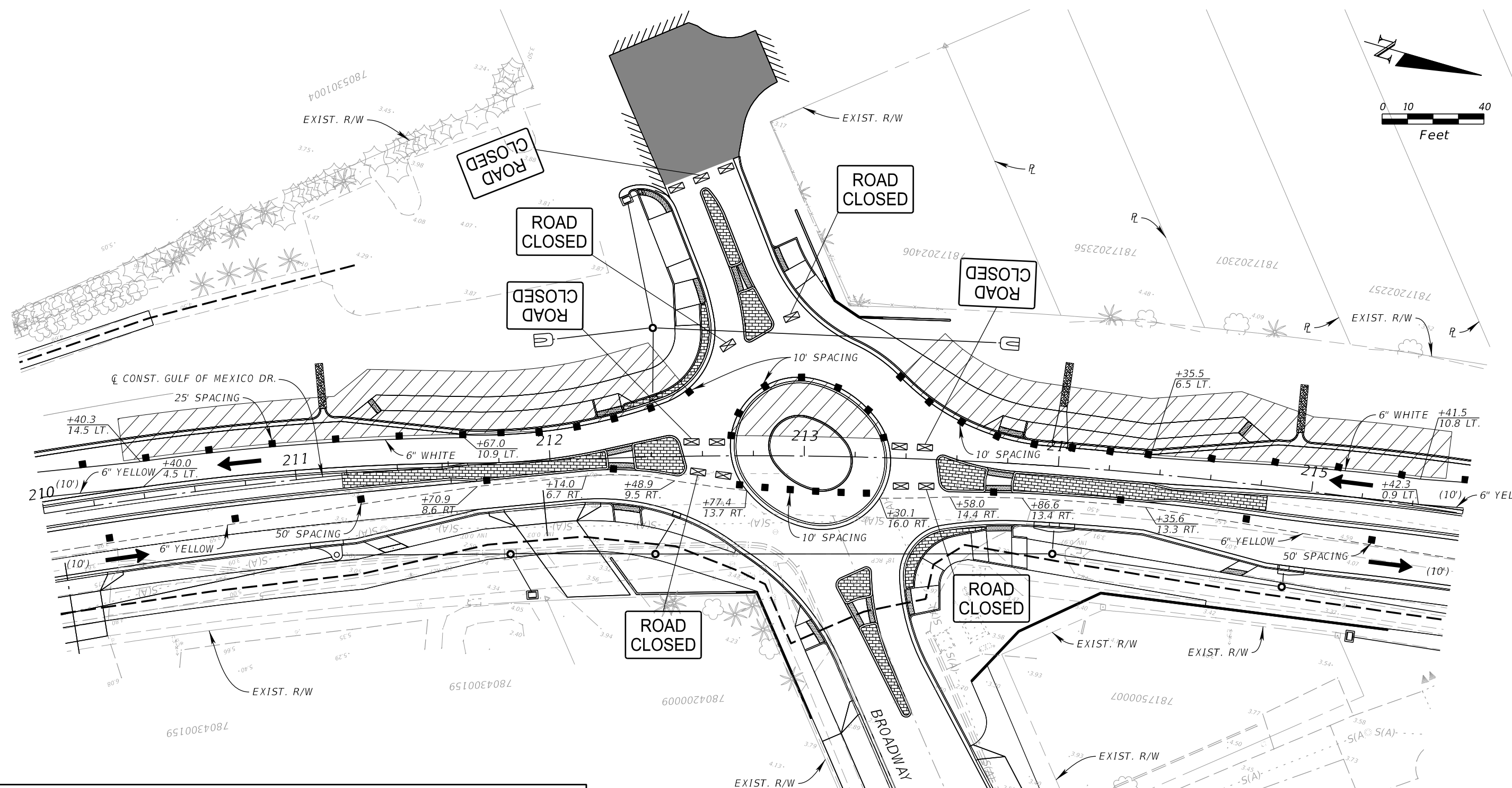
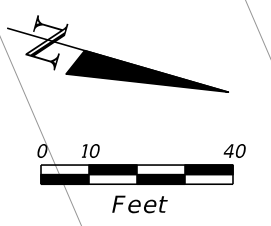
TTCP

PHASE III (1)











SHEET NO.

74

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



**LEGEND**

- |   |                              |   |  |
|---|------------------------------|---|--|
|  | PAVEMENT FROM PREVIOUS PHASE |  | CHANNELIZING DEVICE                              |
|  | WORK ZONE AREA               |  | PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE      |
|  | TEMP. OVERBUILD              |  | LANE IDENTIFICATION AND DIRECTION OF TRAFFIC     |
|  | WORK ZONE SIGN               |  | DIRECTIONAL ARROW                                |
|  | TYPE III BARRICADE           |  | SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH |

**Kimley»Horn**

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

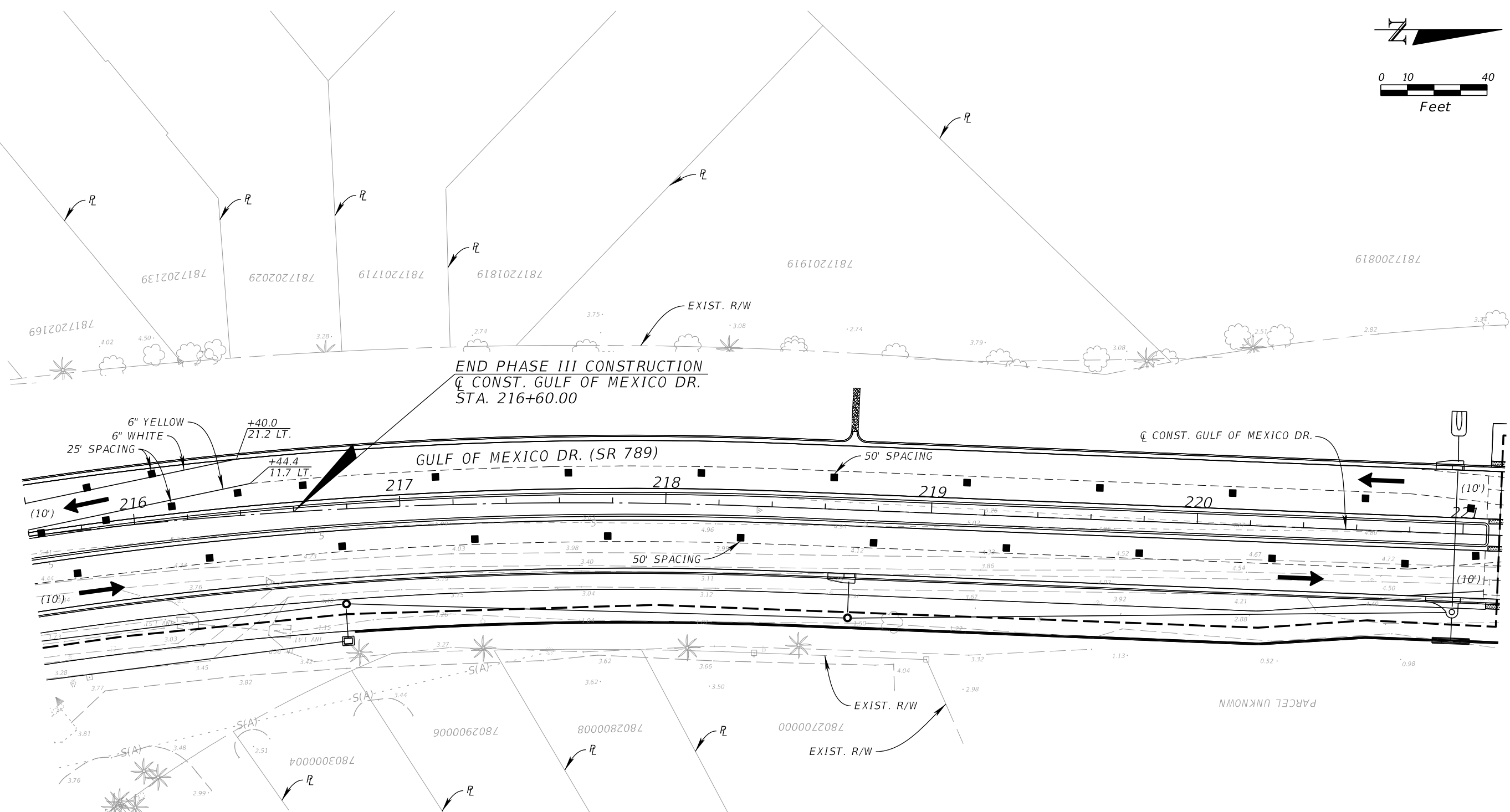
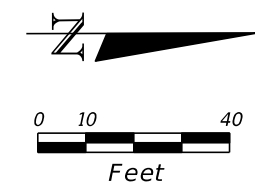
TTCP

PHASE III (2)

SHEET NO.











75

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END PHASE III CONSTRUCTION  
 Q CONST. GULF OF MEXICO DR.  
 STA. 216+60.00

**LEGEND**

-  PAVEMENT FROM PREVIOUS PHASE
-  WORK ZONE AREA
-  TEMP. OVERBUILD
-  WORK ZONE SIGN
-  TYPE III BARRICADE
-  CHANNELIZING DEVICE
-  PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
-  LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
-  DIRECTIONAL ARROW
-  SIDEWALK OR BIKE LANE OR 8' WIDE SHARED USE PATH

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

TTCP  
 PHASE III (3)

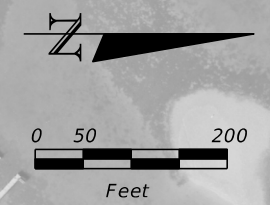
SHEET NO.  
 76

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

**LEGEND**

	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	DIRECTIONAL ARROW
	WORK ZONE SIGN
	PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
	TYPE III BARRICADE
	WORK ZONE

MESSAGE 1: BROADWAY ST. WEST CLOSED	MESSAGE 2: FOLLOW DETOUR
--	-----------------------------



DETOUR PHASE IB

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.  
77

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**LEGEND**

	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	DIRECTIONAL ARROW
	WORK ZONE SIGN
	PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
	TYPE III BARRICADE
	WORK ZONE

MESSAGE 1:	MESSAGE 2:
CEDAR STREET CLOSED	FOLLOW DETOUR



DETOUR PRE PHASE IIA  
CEDAR STREET CONST.

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

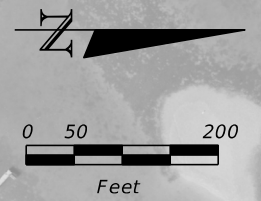
TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.  
78

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

LEGEND	
	LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
	DIRECTIONAL ARROW
	WORK ZONE SIGN
	PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
	TYPE III BARRICADE
	WORK ZONE

MESSAGE 1:	MESSAGE 2:
BROADWAY ST. EAST CLOSED	FOLLOW DETOUR



DETOUR PHASE IIA  
BROADWAY EAST CONST.

DATE	DESCRIPTION	DATE	DESCRIPTION

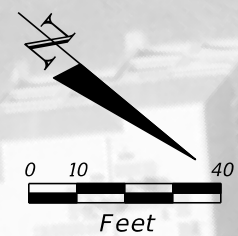
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

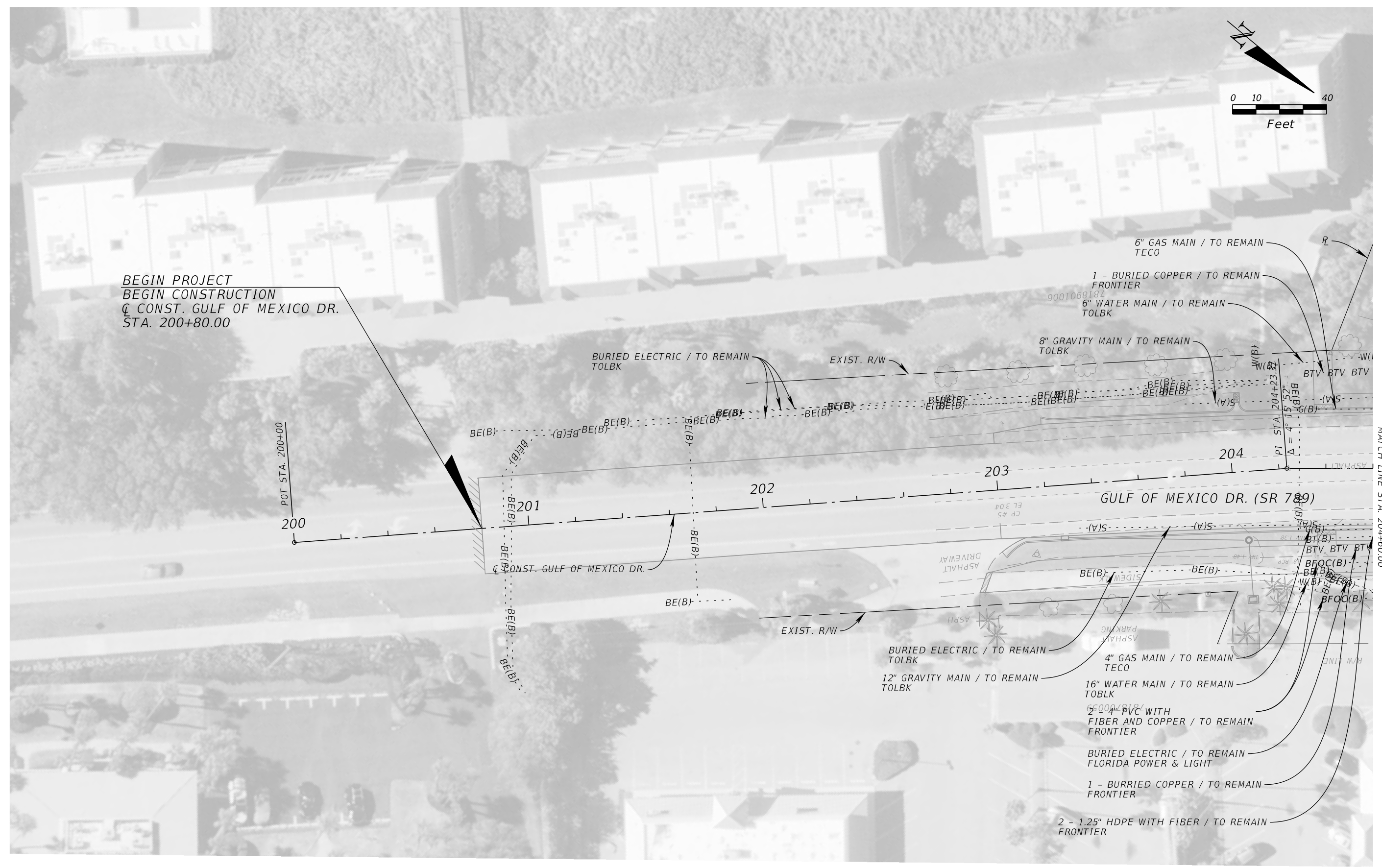
TEMPORARY TRAFFIC CONTROL PLAN

SHEET NO.  
79

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



BEGIN PROJECT  
 BEGIN CONSTRUCTION  
 Q CONST. GULF OF MEXICO DR.  
 STA. 200+80.00



MATCH LINE STA. 204+60.00

DATE	DESCRIPTION	DATE	DESCRIPTION

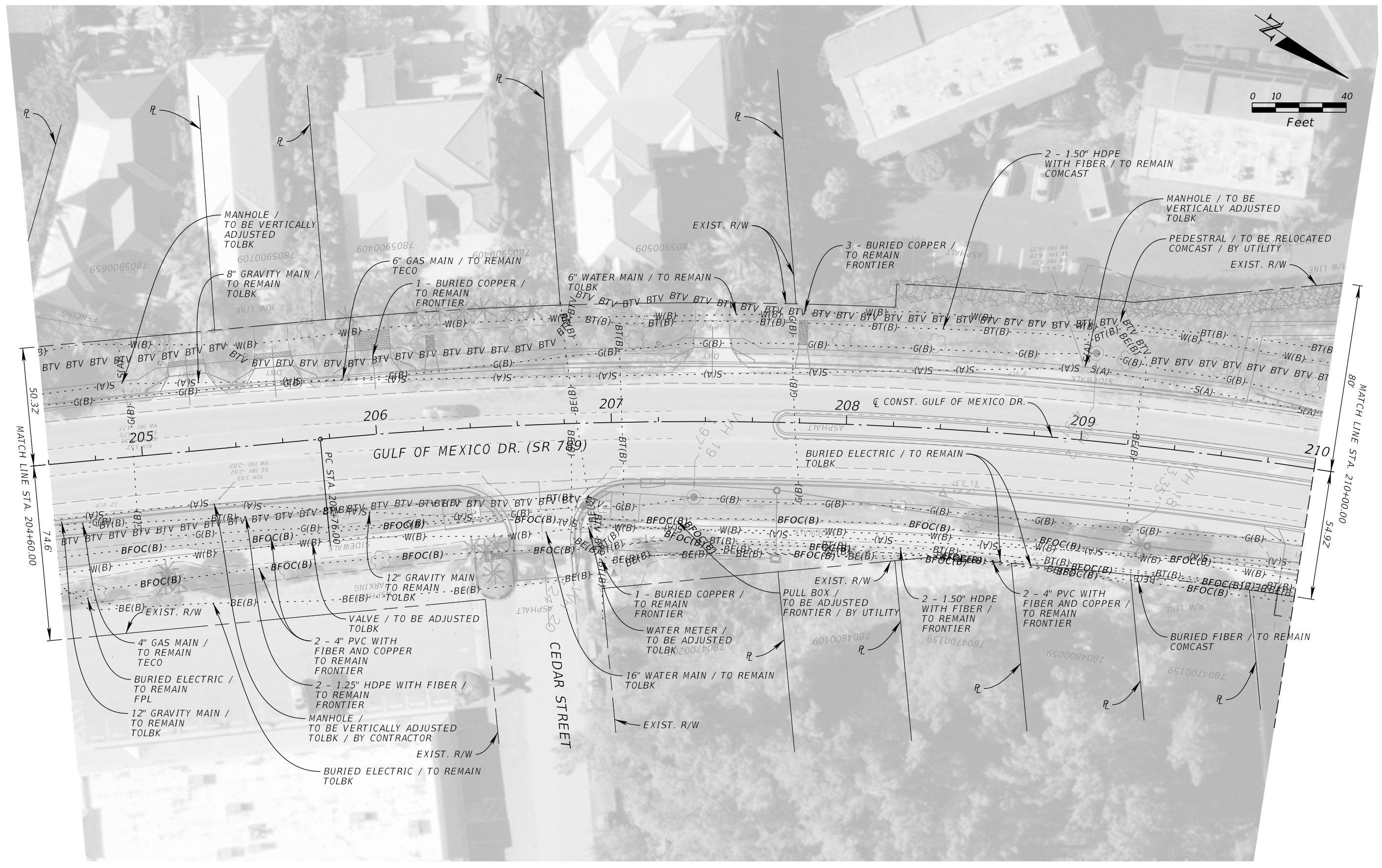
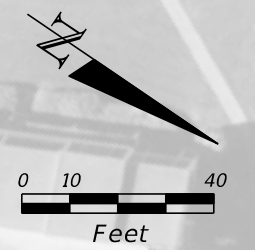
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

**UTILITY ADJUSTMENT (1)**  
 80

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DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

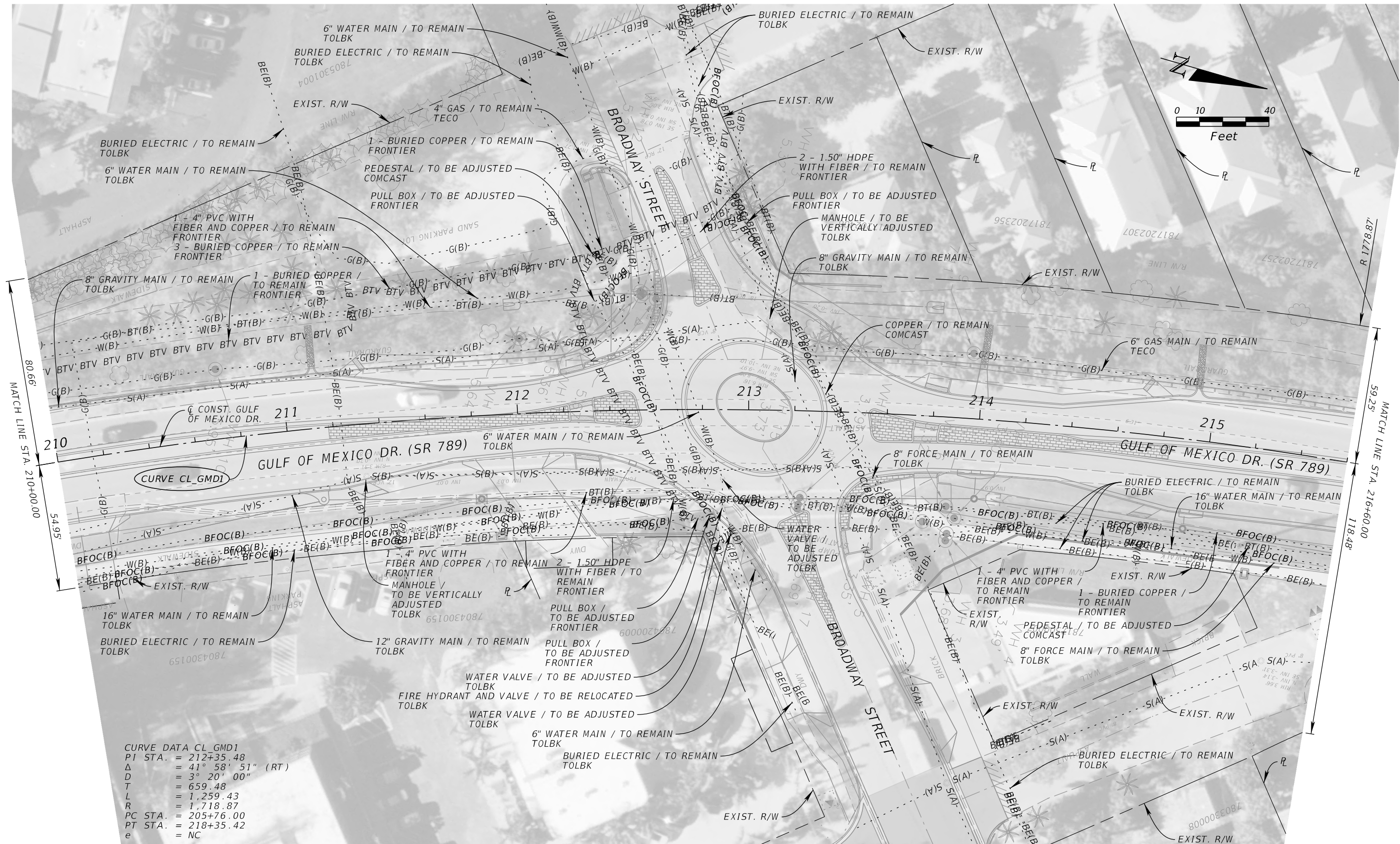
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

**UTILITY ADJUSTMENT (2)**

SHEET NO.  
81

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CURVE DATA CL\_GMD1  
 PI STA. = 212+35.48  
 Δ = 41° 58' 51" (RT)  
 D = 3° 20' 00"  
 T = 659.48  
 L = 1,259.43  
 R = 1,718.87  
 PC STA. = 205+76.00  
 PT STA. = 218+35.42  
 e = NC

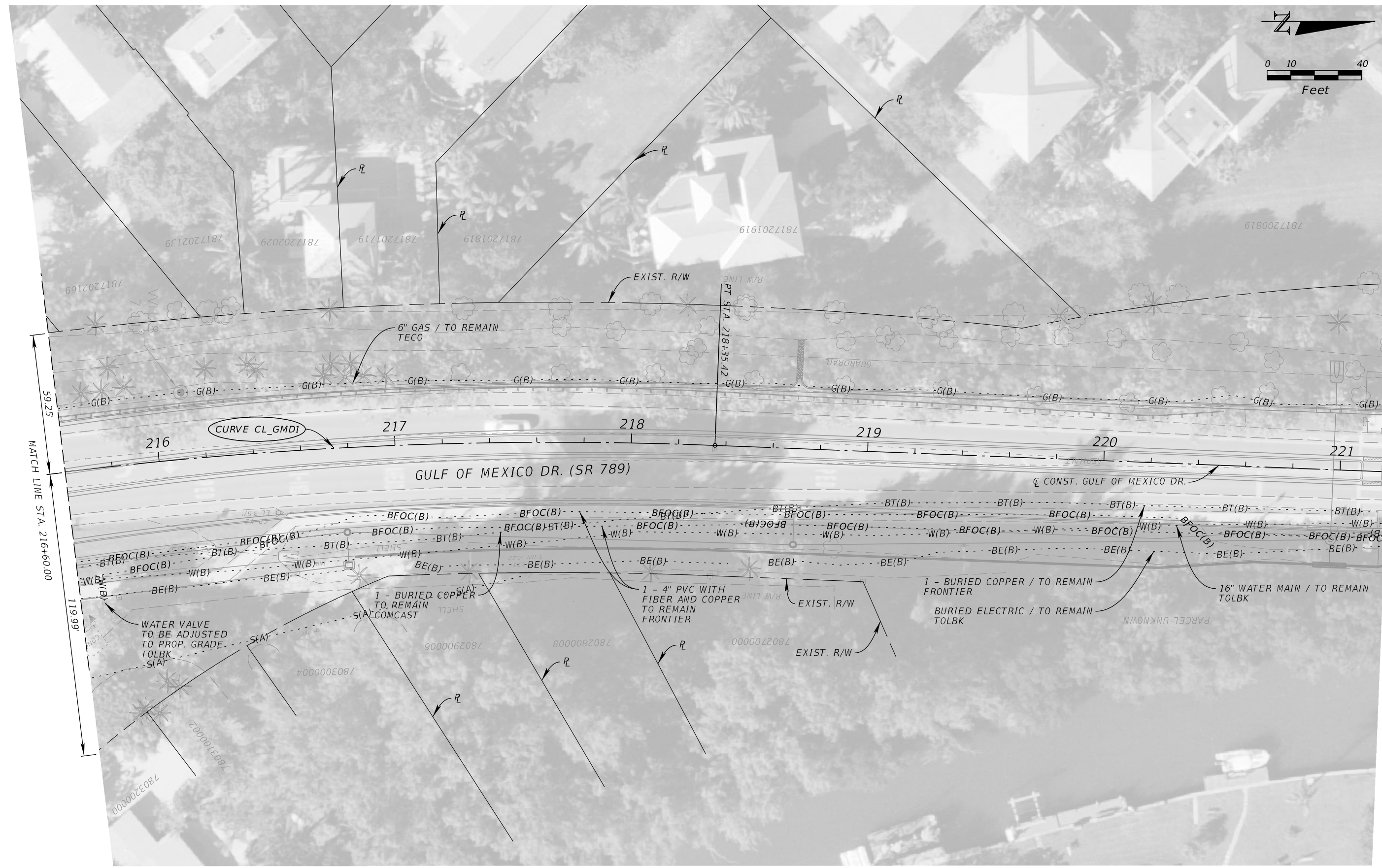
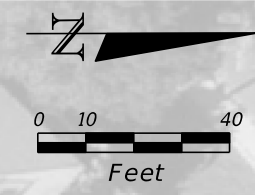
DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

UTILITY ADJUSTMENT (3)  
 SHEET NO. 82

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MATCH LINE STA. 216+60.00

MATCH LINE STA. 221+20.00

DATE	DESCRIPTION	DATE	DESCRIPTION

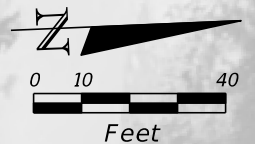
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

**UTILITY ADJUSTMENT (4)**

SHEET NO.  
**83**

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END PROJECT  
 END CONSTRUCTION  
 CL CONST. GULF OF MEXICO DR.  
 STA. 223+25.00

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

*UTILITY ADJUSTMENT (5)*

SHEET NO.  
 84

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*TOWN OF LONGBOAT KEY*

*CONTRACT PLANS*

*MANATEE COUNTY (13020)*

*MODERN ROUNDABOUT  
IMPROVEMENT DESIGN*

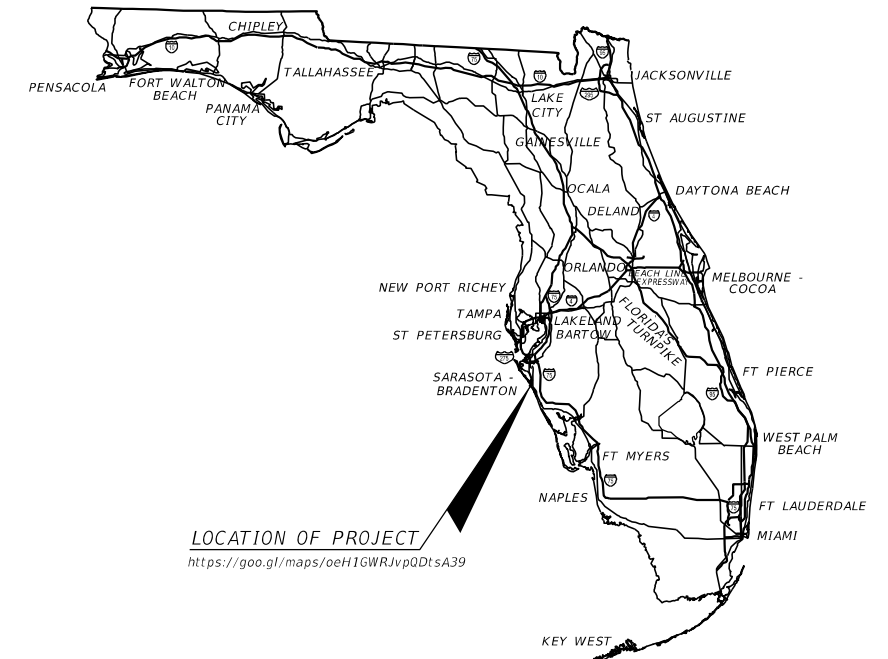
*STATE ROAD NO. 789 (GULF OF MEXICO DR)*

C.A. APPLICATION #: 2022-C-194-00005  
DRAINAGE PERMIT #: 2022-D-194-00020

*SIGNING AND PAVEMENT MARKING PLANS*

*INDEX OF SIGNING AND  
PAVEMENT MARKING PLANS*

<i>SHEET NO.</i>	<i>SHEET DESCRIPTION</i>
S-1	KEY SHEET
S-2	SIGNATURE SHEET
S-3	TABULATION OF QUANTITIES
S-4	GENERAL NOTES AND DETAILS
S-5 - S-9	SIGNING & PAVEMENT MARKING PLAN SHEETS
S-10 - S-12	GUIDE SIGN WORKSHEETS



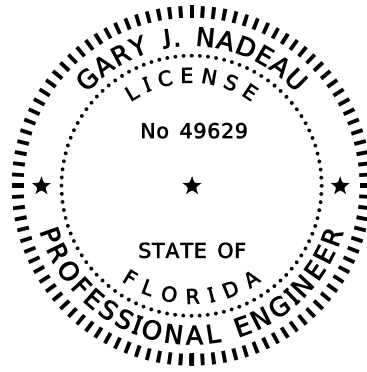
*LOCATION OF PROJECT*  
<https://goo.gl/maps/oeH1GWRJvp0DtSA39>

*SIGNING AND PAVEMENT  
MARKING PLANS  
ENGINEER OF RECORD:*

GARY J. NADEAU, P.E. NO.: 49629  
KIMLEY-HORN AND ASSOCIATES, INC.  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
PHONE (941) 379-7600  
REGISTRY NO. 35106

<i>CONSTRUCTION CONTRACT NO.</i>	<i>FISCAL YEAR</i>	<i>SHEET NO.</i>
<i>T.B.D.</i>	<i>25</i>	<i>S-1</i>

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



THIS DOCUMENT HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

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

KIMLEY-HORN AND ASSOCIATES, INC.  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
GARY J. NADEAU, P.E. NO. 49629

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

SIGNING & PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	SIGNATURE SHEET
S-3	TABULATION OF QUANTITIES
S-4	GENERAL NOTES AND DETAILS
S-5 - S-9	SIGNING & PAVEMENT MARKING PLAN SHEETS
S-10 - S-12	GUIDE SIGN WORKSHEETS

DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>GARY J. NADEAU, P.E. P.E. LICENSE NUMBER: 49629 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<i>SIGNATURE SHEET</i>	SHEET NO.
					GULF OF MEXICO DRIVE		S-2

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS										GRAND TOTAL	
			S-5		S-6		S-7		S-8		S-9		PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL		
0654 2 40	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, RELOCATE	AS			2						2		4	
0700 1 111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA			3		26		1		1		31	
0700 1 112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I, GROUND MOUNT, 12.0-20.0 SF	EA					2						2	
0700 1 500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	1		7		6		5		1		20	
0700 1 600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA			3		6		3				12	
0700 2 115	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 50.1-100.0 SF	EA			1				1				2	
0700 3 601	SIGN PANEL REMOVE, UP TO 12 SF	EA			1		2						3	
0706 1 3	RAISED PAVEMENT MARKER, TYPE B	EA	36		46		30				44		156	
0710 11 190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF					23						23	
0710 11 290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF			10		9				10		29	
0710 90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1										1	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.197		0.380		0.313		0.394		0.100		1.384	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	96		75		185				72		428	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 24"	LF	108		105		241		18		77		549	
	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF					51						51	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE / 6-10 DOTTED EXTENSION	GM					0.037						0.037	
	6" 2-4 DOTTED GUIDELINE													
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE FOR ROUNDABOUT	GM					0.022						0.022	
	12" 2-2 DOTTED GUIDELINE													
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA					4						4	
*	PAINTED, STANDARD, WHITE, ARROW	EA	2		2								4	
	LEFT		2		2								4	
	RIGHT													
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.140		0.212		0.273		0.197		0.116		0.938	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF					27				49		76	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, GUIDELINE/EXTENSION/SKIP, 6" 10-30 SKIP	GM	0.144		0.125								0.269	
0711 11 141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM					0.037						0.037	
0711 11 144	THERMOPLASTIC, STANDARD, WHITE, 2-2 DOTTED EXTENSION LINE, 12" FOR ROUNDABOUT	GM					0.022						0.022	
0711 11 160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA					4						4	
0711 11 170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	2		2								4	
	LEFT		2		2								4	
	RIGHT													
0711 11 180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF					51						51	
0711 11 224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF					27				49		76	
0711 14 123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	96		75		185				72		428	
0711 14 125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	108		105		241		18		77		549	
0711 14 160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE BICYCLE PERSON	EA			1		4						5	
0711 14 170	THERMOPLASTIC, PREFORMED, WHITE, ARROW BICYCLE DIRECTIONAL ARROW	EA			1		4						5	
0711 16 101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.197		0.380		0.313		0.394		0.100		1.384	
0711 16 201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.140		0.212		0.273		0.197		0.116		0.938	
0711 16 231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.144		0.125								0.269	

DATE	DESCRIPTION	DATE	DESCRIPTION



TOWN OF LONGBOAT KEY  
GULF OF MEXICO DRIVE

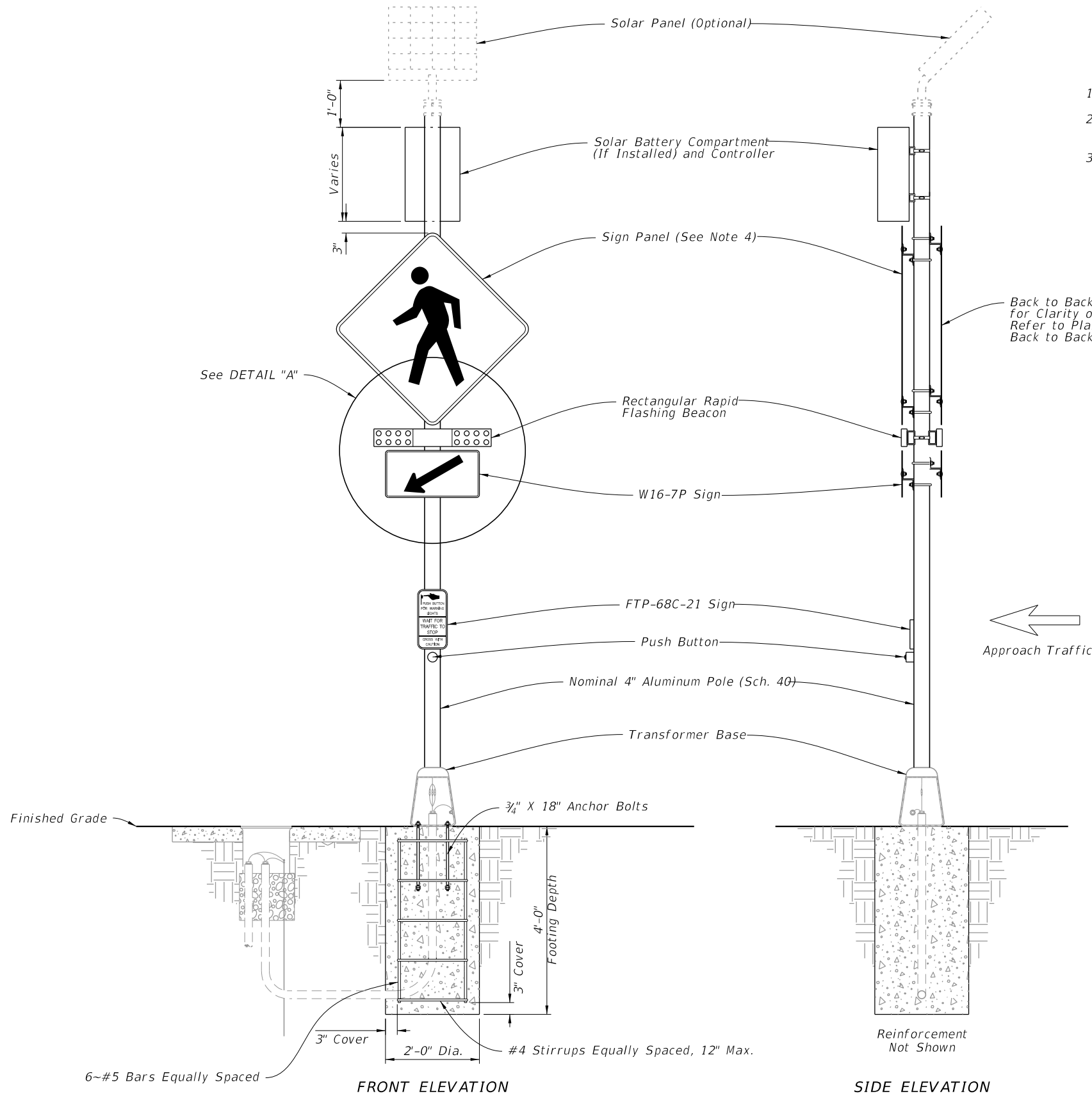
TABULATION OF QUANTITIES

SHEET NO.  
S-3

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

SIGNING AND PAVEMENT MARKING NOTES

1. ALL FINAL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED IN THE PLANS.
2. FOR ALL SIGNS BEING REMOVED, COORDINATE THE RETURN OF TOWN OF LONGBOAT PROPERTY WITH THE STREETS, TRAFFIC, AND DRAINAGE DIVISION AT 941-316-1988.
3. PAY ITEM 654-2-40 TO INCLUDE THE COST OF REMOVAL AND RELOCATION OF EXISTING FOUNDATION.



ADJACENT TO SIDEWALK  
SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON DETAILS

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

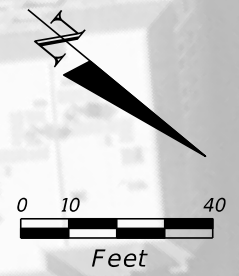
TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

GENERAL NOTES  
 AND DETAILS  
 S-4

SHEET NO.  
 S-4

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



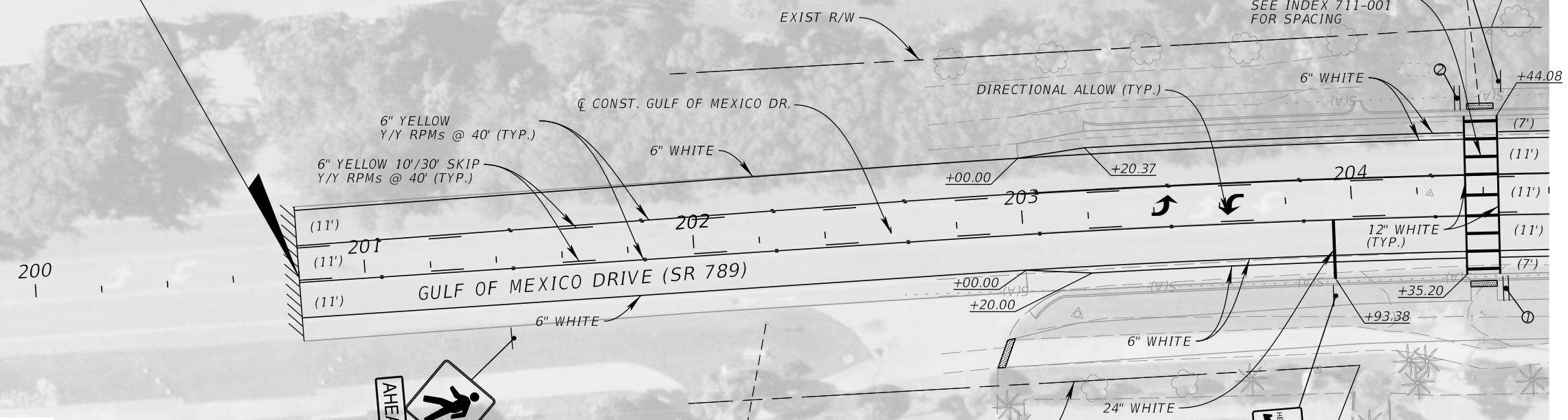


TO BE RELOCATED  
 700-1-500 1 EA  
 FROM STA. 204+39 LT.  
 TO STA. 204+45 LT.



24" WHITE (TYP.)  
 SEE INDEX 711-001  
 FOR SPACING

BEGIN PROJECT  
 BEGIN SIGNING & PAVEMENT MARKING  
 Q CONST. GULF OF MEXICO DR.  
 STA. 200+80.00



RELOCATED FROM  
 STA. 207+02 RT.



EXIST. SIGN  
 TO REMAIN



RELOCATED FROM  
 STA. 209+11 RT.



RELOCATED FROM  
 STA. 209+61 RT.



RELOCATED FROM  
 STA. 209+61 LT.

DATE	DESCRIPTION	DATE	DESCRIPTION

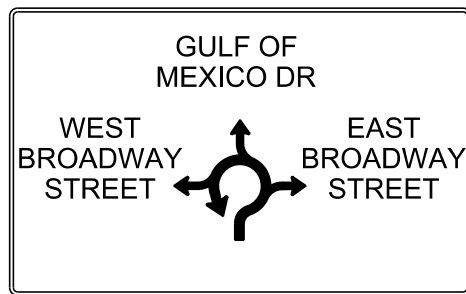
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

**SIGNING AND PAVEMENT  
 MARKING PLAN SHEET (1)**

SHEET NO.  
 S-5

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②  
TO BE RELOCATED  
700-1-500 1 EA  
FROM STA. 209+11 RT.  
TO STA. 203+93 RT.

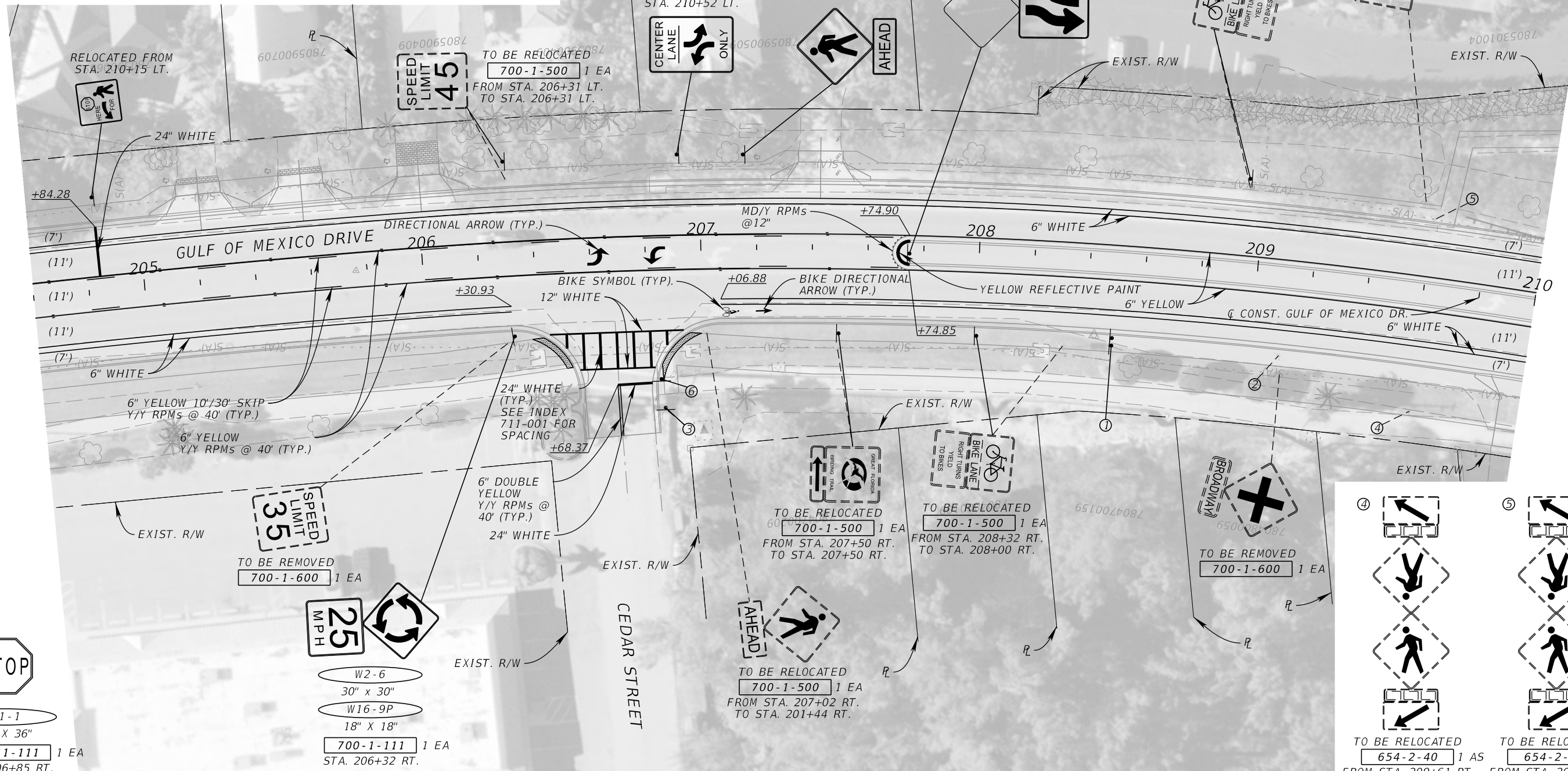
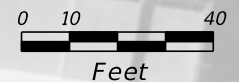
③  
TO BE RELOCATED  
700-1-500 1 EA  
FROM STA. 206+85 RT.  
TO STA. 206+85 RT.  
REMOVE R1-1 PANEL  
700-3-601 1 EA  
INCLUDES COST TO  
RECONNECT TO POWER

D1-5  
180" X 60"  
700-2-115 1 EA  
STA. 208+49 RT.

R4-7  
24" X 30"  
OM1-3  
18" X 18"  
700-1-111 1 EA  
STA. 207+75 RT.

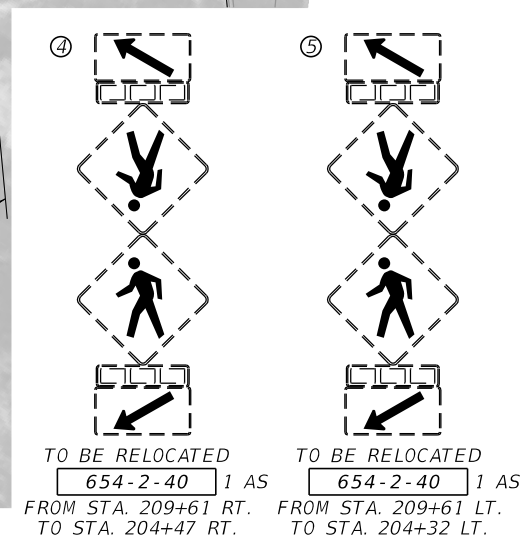
TO BE RELOCATED  
700-1-500 1 EA  
FROM STA. 208+95 LT.  
TO STA. 208+94 LT.

TO BE REMOVED  
700-1-600 1 EA



⑥  
STOP  
R1-1  
36" X 36"  
700-1-111 1 EA  
STA. 206+85 RT.

W2-6  
30" X 30"  
W16-9P  
18" X 18"  
700-1-111 1 EA  
STA. 206+32 RT.



DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**  
GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY  
GULF OF MEXICO DRIVE

**SIGNING AND PAVEMENT MARKING PLAN SHEET (2)**

SHEET NO.  
S-6

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  
30" X 30"
- ② R1-2  
36" X 36" X 36"
- ③ 700-1-111  
8 EA  
STA. 212+50 RT.  
STA. 212+50 RT.  
STA. 212+62 LT.  
STA. 212+79 LT.  
STA. 213+25 RT.  
STA. 213+44 RT.  
STA. 213+55 RT.  
STA. 213+62 LT.

- ④ R6-4  
30" X 24"
- ⑤ R4-7  
24" X 30"
- ⑥ D1-1d  
102" X 18"
- ⑦ D1-1d  
78" X 18"
- ⑧ 700-1-111  
1 EA  
STA. 211+20 RT.

- TO BE RELOCATED  
700-1-500 2 EA  
FROM STA. 212+50 LT.  
TO STA. 212+45 LT.  
FROM STA. 213+62 RT.  
TO STA. 213+61 RT.
- REMOVE R1-1  
700-3-601 2 EA  
INCLUDES COST TO  
RECONNECT TO POWER

- TO BE RELOCATED  
700-1-500 1 EA  
FROM STA. 212+34 LT.  
TO STA. 207+15 LT.

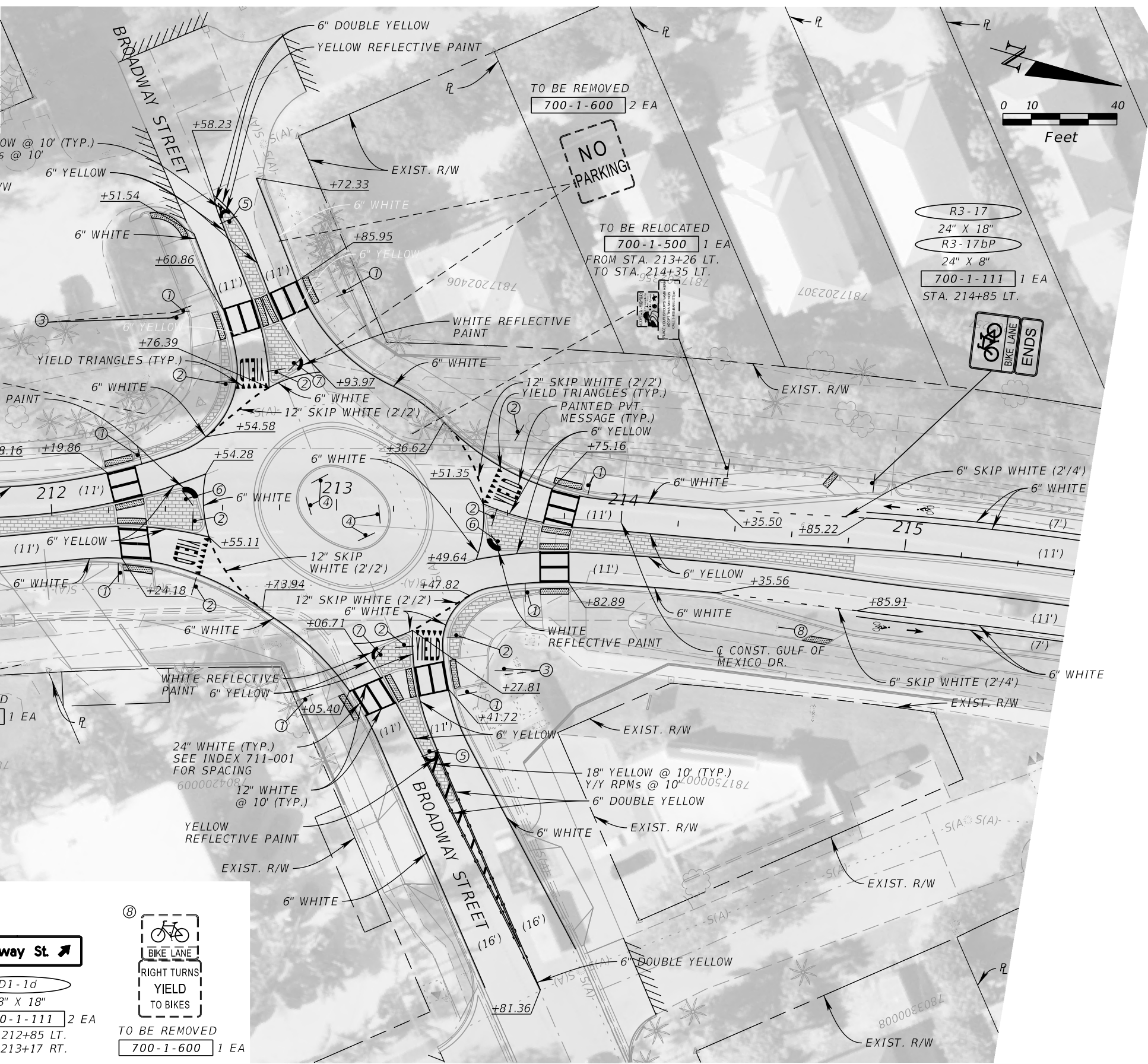
- TO BE RELOCATED  
700-1-500 1 EA  
FROM STA. 210+52 LT.  
TO STA. 206+92 LT.

- TO BE RELOCATED  
700-1-500 1 EA  
FROM STA. 210+15 LT.  
TO STA. 204+84 LT.

- TO BE RELOCATED  
700-1-500 1 EA  
FROM STA. 210+15 LT.  
TO STA. 204+84 LT.

- TO BE RELOCATED  
700-1-500 1 EA  
FROM STA. 210+15 LT.  
TO STA. 204+84 LT.

- TO BE RELOCATED  
700-1-500 1 EA  
FROM STA. 210+15 LT.  
TO STA. 204+84 LT.



DATE	DESCRIPTION	DATE	DESCRIPTION

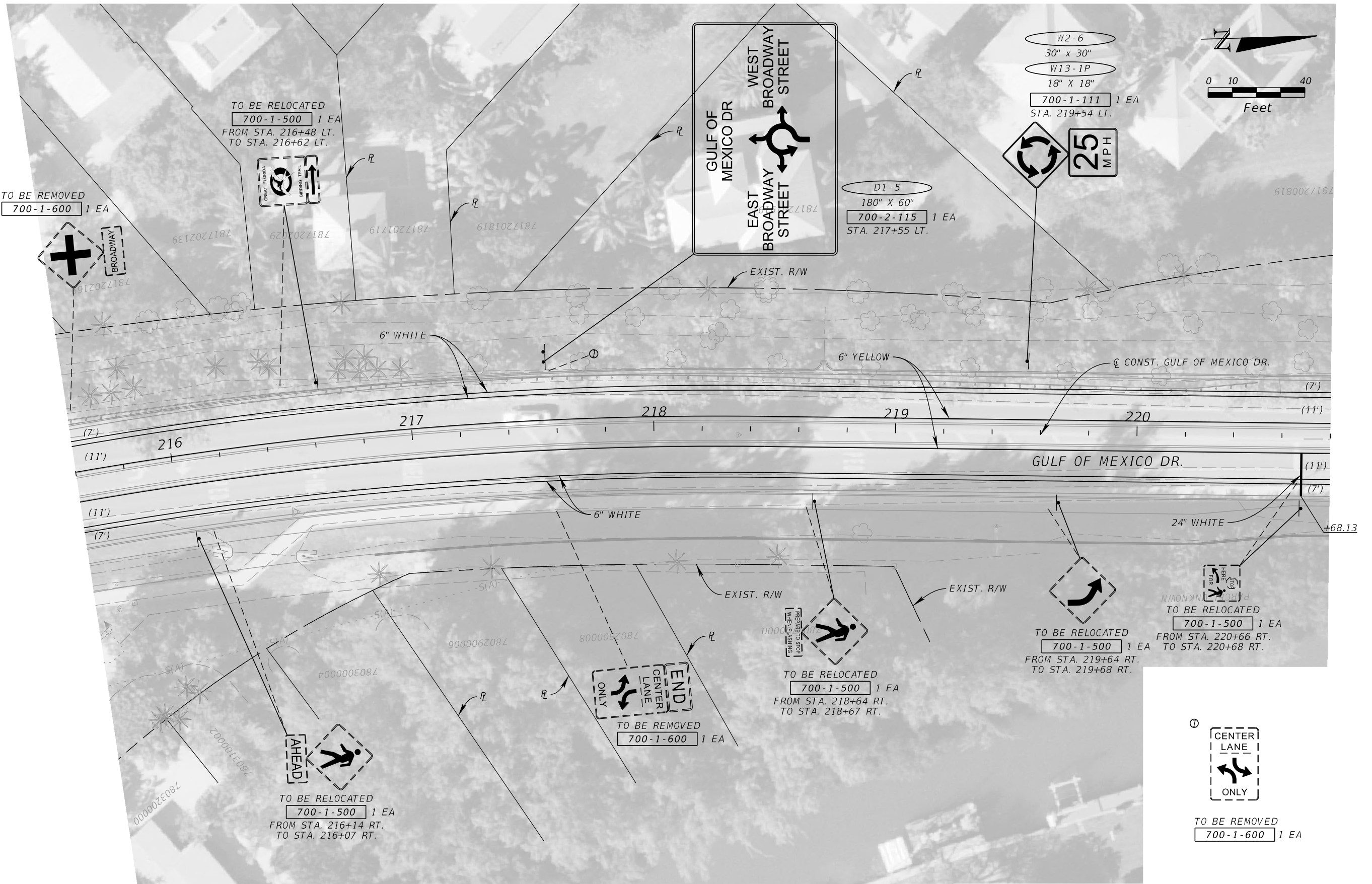
**Kimley»Horn**  
GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

**SIGNING AND PAVEMENT  
 MARKING PLAN SHEET (3)**

SHEET NO.  
 S-7

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



DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

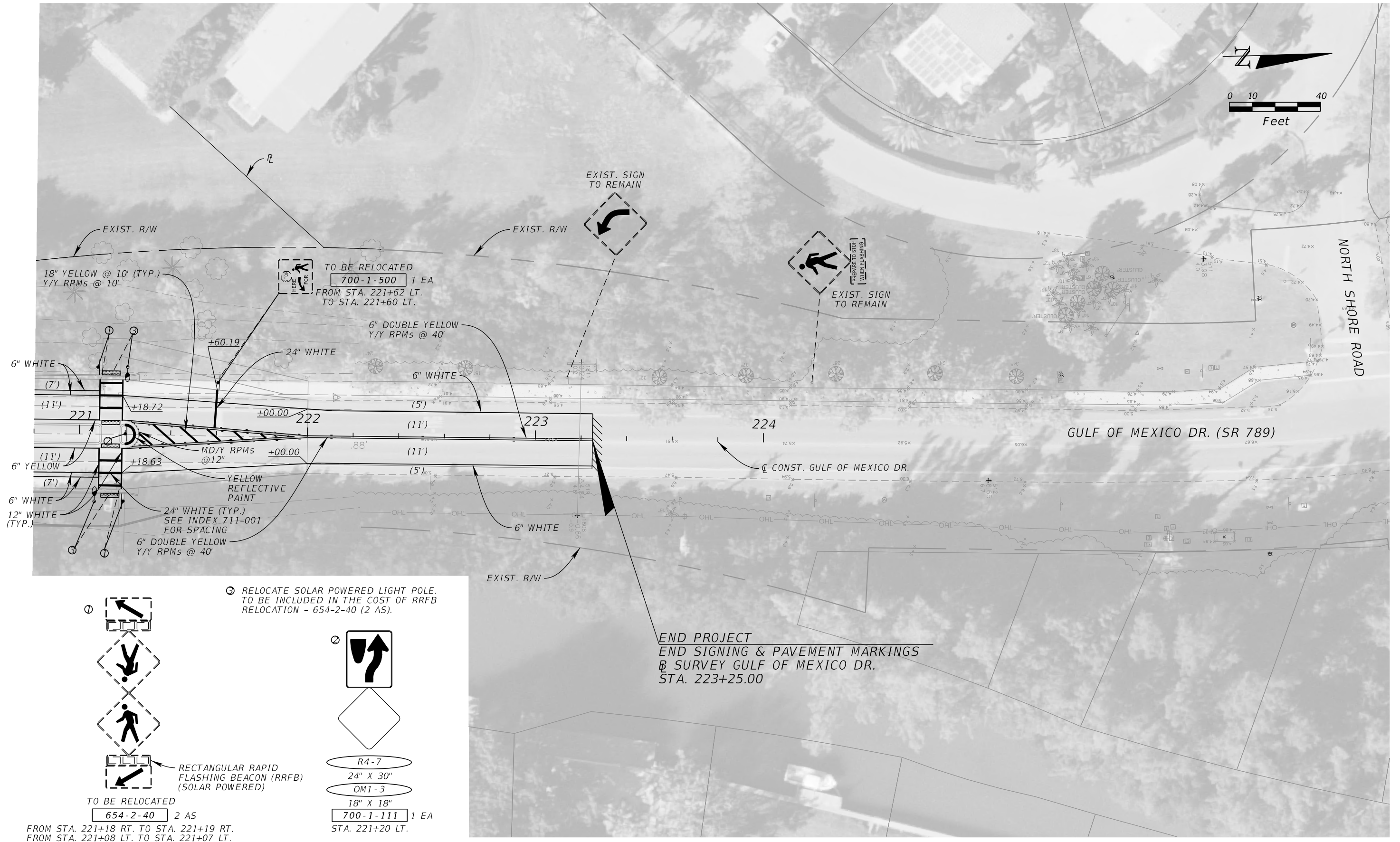
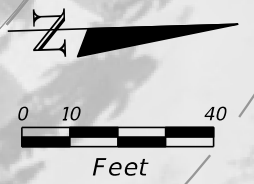
TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

**SIGNING AND PAVEMENT MARKING PLAN SHEET (4)**

SHEET NO. S-8

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



① RELOCATE SOLAR POWERED LIGHT POLE. TO BE INCLUDED IN THE COST OF RRFB RELOCATION - 654-2-40 (2 AS).

②

RECTANGULAR RAPID FLASHING BEACON (RRFB) (SOLAR POWERED)

TO BE RELOCATED  
654-2-40 2 AS  
FROM STA. 221+18 RT. TO STA. 221+19 RT.  
FROM STA. 221+08 LT. TO STA. 221+07 LT.

R4-7  
24" X 30"

OM1-3  
18" X 18"

700-1-111 1 EA  
STA. 221+20 LT.

END PROJECT  
END SIGNING & PAVEMENT MARKINGS  
SURVEY GULF OF MEXICO DR.  
STA. 223+25.00

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
P.E. LICENSE NUMBER: 49629  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

**SIGNING AND PAVEMENT MARKING PLAN SHEET (5)**

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.

SIGN NAME	DI-ld	QTY	1 <th>SIGN NUMBER</th> <td></td> <th>STATION(S)</th> <td>212+85 LT.</td>	SIGN NUMBER		STATION(S)	212+85 LT.
PANEL		BORDER					213+17 RT.
WIDTH	7'-0"	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	71.1	5.4	6	9		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge of Land	COLUMN SIZE	AVERAGE LENGTH			
NO. OF LIGHT FIXTURES	FIXTURE SPACING	WATT					
PHOTOMETRIC CURVE	VOLTAGE						



SIGN NAME	DI-ld-G	QTY	1 <th>SIGN NUMBER</th> <td></td> <th>STATION(S)</th> <td>212+47 LT.</td>	SIGN NUMBER		STATION(S)	212+47 LT.
PANEL		BORDER					213+57 RT.
WIDTH	8'-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	86.8	5.4	6	9		
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge of Land	COLUMN SIZE	AVERAGE LENGTH			
NO. OF LIGHT FIXTURES	FIXTURE SPACING	WATT					
PHOTOMETRIC CURVE	VOLTAGE						



COPY	B	r	o	a	d	w	a	y	S	t	r	e	e	t	L
SPACE	5.8	10.8	13.5	17.9	22.2	26.5	33.7	37.8	42.3	48.3	52.7	55.8	58.5	62.7	66.5
COPY															
SPACE															
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COPY	G	u	l	f	O	f	M	e	x	i	c	o	D	r	L
SPACE	8.1	13.3	18.1	19.9	22	28	33.1	35.3	41.3	47	50.8	56.1	58	62.1	65.8
COPY															
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DATE	DESCRIPTION	DATE	DESCRIPTION



TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

GUIDE SIGN WORKSHEET (1)

SHEET NO.

S-10

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







*TOWN OF LONGBOAT KEY*

*CONTRACT PLANS*

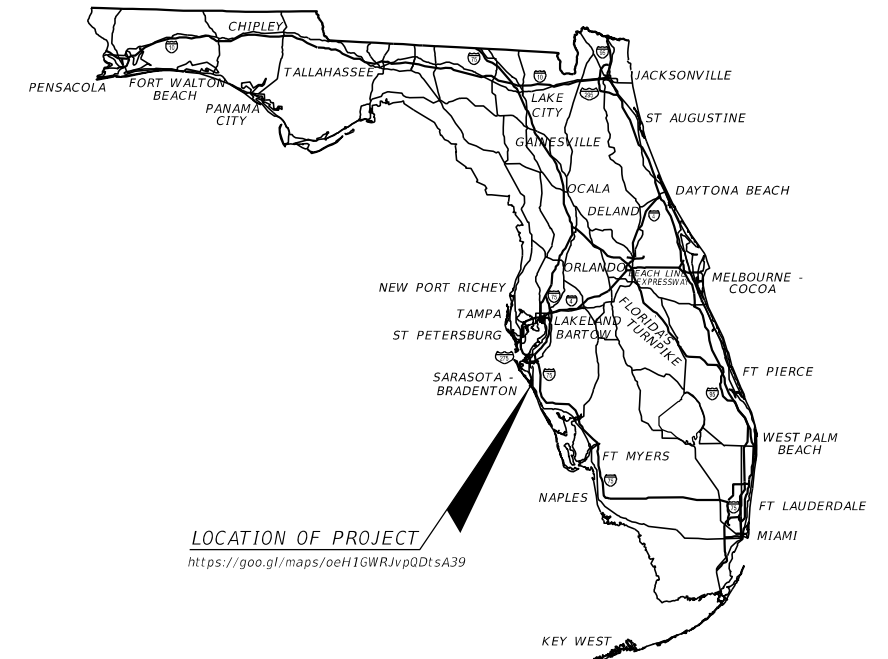
*MANATEE COUNTY (13020)*

*MODERN ROUNDABOUT  
IMPROVEMENT DESIGN*

*STATE ROAD NO. 789 (GULF OF MEXICO DR.)*

C.A. APPLICATION #: 2022-C-194-00005  
DRAINAGE PERMIT #: 2022-D-194-00020

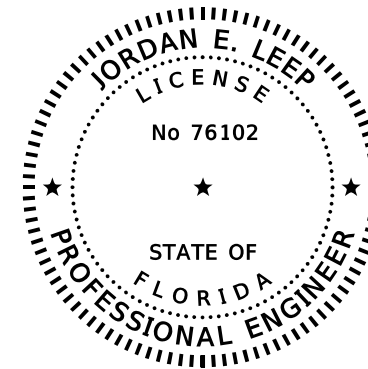
*LIGHTING PLANS*



LOCATION OF PROJECT  
<https://goo.gl/maps/oeH1GWRJvp0Dt5A39>

*INDEX OF LIGHTING PLANS*

<i>SHEET NO.</i>	<i>SHEET DESCRIPTION</i>
L-1	KEY SHEET
L-2	TABULATION OF QUANTITIES
L-3	POLE DATA AND LEGEND
L-4 - L-6	LIGHTING PLANS
L-7	SERVICE POINT DETAILS



THIS DOCUMENT HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:

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

KIMLEY-HORN AND ASSOCIATES, INC.  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
JORDAN E. LEEP, P.E. NO. 76102

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

*LIGHTING PLANS  
ENGINEER OF RECORD:*

JORDAN E. LEEP, P.E. NO.: 76102  
KIMLEY-HORN AND ASSOCIATES, INC.  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
PHONE (941) 379-7600  
REGISTRY NO. 35106

<i>CONSTRUCTION CONTRACT NO.</i>	<i>FISCAL YEAR</i>	<i>SHEET NO.</i>
<i>T.B.D.</i>	<i>25</i>	<i>L-1</i>

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

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBER						TOTAL THIS SHEET		GRAND TOTAL	
			L-3		L-4		L-5		PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL				
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	60				380		440		440	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	65		20		1065		1150		1150	
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	2		1		16		19		19	
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS					1		1		1	
639-2-1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF					15		15		15	
639-3-11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA					1		1		1	
715-1-12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	660		176		5415		6251		6251	
715-1-60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF			85				85		85	
715-62-242	LIGHT POLE COMPLETE, F&I, STANDARD POLE SPECIAL FOUNDATION, 35' MOUNTING HEIGHT, 12' ARM LENGTH	EA	1				13		14		14	
715-68-000	LIGHT POLE COMPLETE, RELOCATE	EA			2							
715-69-000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA					5		5		5	
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA					1		1		1	
715-500-1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA					13		13		13	

DATE	DESCRIPTION	DATE	DESCRIPTION	<b>Kimley»Horn</b> <small>JORDAN E. LEEP, P.E.                  P.E. LICENSE NUMBER: 76102                  1800 SECOND STREET, SUITE 900                  SARASOTA, FL 34236                  (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<b>TABULATION OF QUANTITIES</b>	SHEET NO.
					GULF OF MEXICO DRIVE		L-2

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

**LEGEND**


MANUFACTURER:  
LUMEC ROADFOCUS LED PHOTOMETRIC CURVE NO.:  
rfm-108w48led3k-g2-r3m.ies

WAS USED AS THE BASIS OF DESIGN, WIRED FOR 120V OPERATION. SEE POLE DATA TABLE FOR WATTAGE, MOUNTING HEIGHT, ARM LENGTH, AND FULL IES DESIGNATION. NEW LIGHT POLE AND LUMINAIRE.


 RELOCATE EXISTING POLE

 PROPOSED 120V SERVICE POINT


 PROPOSED LOAD CENTER

 2" DIRECT BURIED CONDUIT

 2" DIRECTIONAL DRILLED CONDUIT

 PROPOSED LOCATION OF 13" X 24" LIGHTING PULL BOX

 EXISTING LIGHT POLE AND LUMINAIRE TO BE REMOVED.

 EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN.

**POLE DATA**

POLE NO.	CIRCUIT	STATION	POLE OFFSET	LUMINAIRE WATTAGE	MOUNTING HEIGHT	ARM LENGTH	IES FILE	POLE SETBACK*	PAY ITEM
01	A-1	210+22.50	52.25 RT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	26.40	715-62-242
02	A-1	211+02.25	41.75 LT.	106	**38.00	12.00	rfm-108w48led3k-g2-r3m.ies	19.71	715-62-242
03	A-1	211+88.75	201.00 LT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	4.68	715-62-242
04	A-2	211+91.25	50.00 RT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	32.71	715-62-242
05	A-1	212+40.25	42.00 LT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	20.83	715-62-242
06	A-2	212+75.25	52.10 RT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	12.57	715-62-242
07	A-1	212+87.75	99.75 LT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	8.43	715-62-242
08	A-1	213+12.50	63.50 LT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	12.70	715-62-242
09	A-2	213+59.50	42.75 RT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	17.12	715-62-242
10	A-2	213+61.50	62.50 RT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	17.59	715-62-242
11	A-2	213+80.25	218.25 RT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	5.31	715-62-242
12	A-1	214+20.75	24.75 LT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	16.89	715-62-242
13	A-2	215+40.25	33.50 RT.	106	32.00	12.00	rfm-108w48led3k-g2-r3m.ies	3.86	715-62-242
EX-01	EX-1	204+22.00	28.60 LT.	EXIST	EXIST	EXIST.	EXIST.	5.96	715-68-000
EX-02	EX-1	204+17.10	28.10 RT.	EXIST	EXIST	EXIST.	EXIST.	3.83	715-68-000

\* SETBACK MEASURED FROM NEAREST EDGE OF PAVEMENT TO FACE OF POLE  
NOTE: 32' MH POLES TO BE PAID FOR UNDER PAYITEM 715-62-242  
ALL PROPOSED POLES MUST MATCH TOWN OF LONGBOAT KEY PREFERENCES PRIOR TO INSTALLATION.  
\*\* MOUNTING HEIGHT MEASURED ABOVE GROUND HEIGHT. MOUNTING HEIGHT = EOP EL + 32'

**NEW CONSTRUCTION ROUNDABOUT CRITERIA**

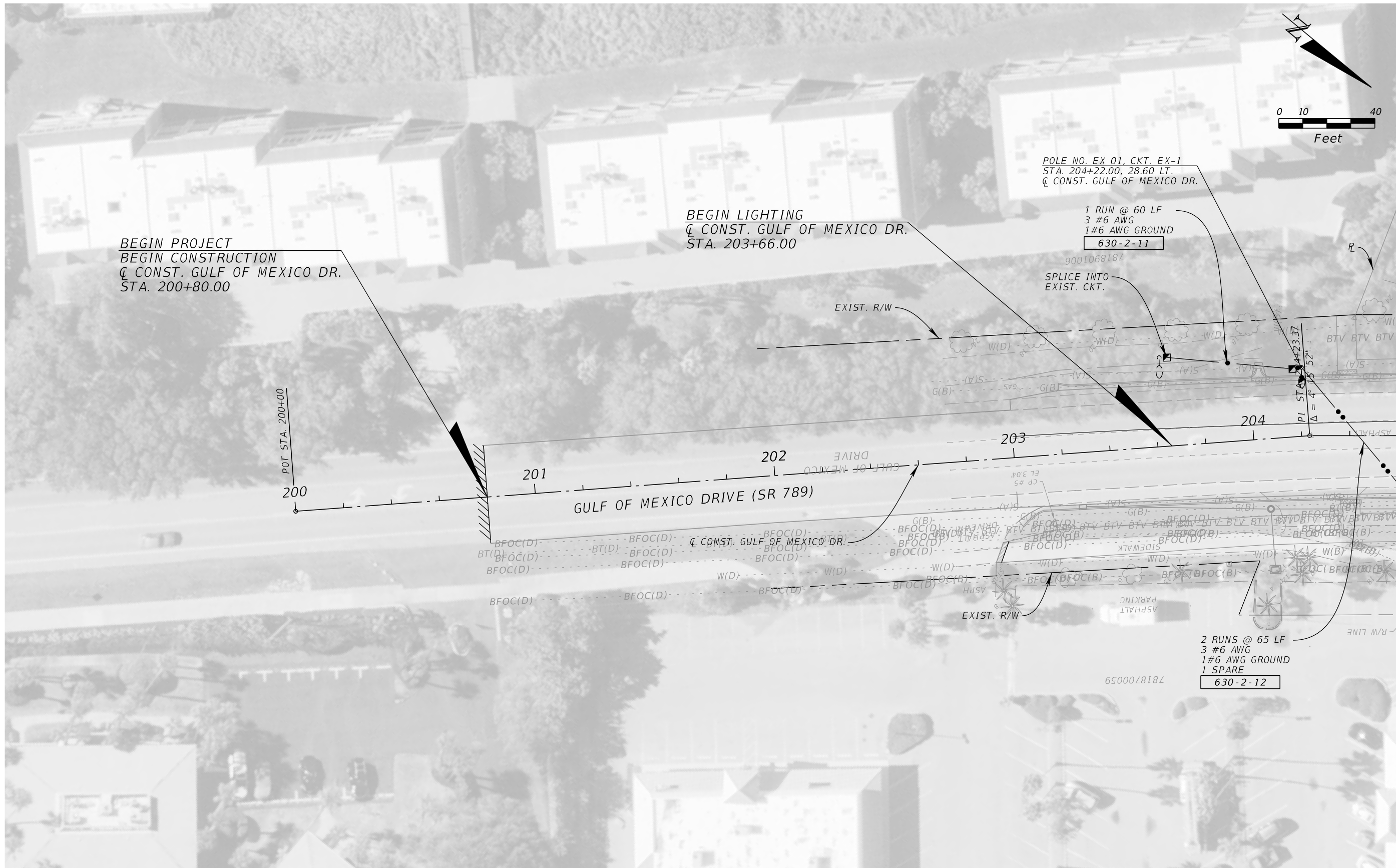
AVERAGE INITIAL INTENSITY: 3.0 H.F.C. / 1.5 V.F.C.  
UNIFORMITY RATIO AVG. / MIN.: 4 : 1 OR LESS\*\*  
UNIFORMITY RATIO MAX. / MIN.: 10 : 1 OR LESS\*\*  
DESIGN WIND SPEED: 140 MPH  
\*\*ILLUMINATION UNIFORMITY RATIOS DO NOT APPLY TO V.F.C.

**MIDBLOCK CROSSWALK CRITERIA**

AVERAGE INITIAL INTENSITY: N/A H.F.C. / 2.3 V.F.C.  
UNIFORMITY RATIO AVG. / MIN.: N/A  
UNIFORMITY RATIO MAX. / MIN.: N/A  
DESIGN WIND SPEED: 140 MPH  
\*\*ILLUMINATION UNIFORMITY RATIOS DO NOT APPLY TO V.F.C.

DATE	DESCRIPTION	DATE	DESCRIPTION	 JORDAN E. LEEP, P.E. P.E. LICENSE NUMBER: 76102 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600	TOWN OF LONGBOAT KEY	<b>POLE DATA AND LEGEND</b>	SHEET NO.
					GULF OF MEXICO DRIVE		L-3

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



BEGIN PROJECT  
 BEGIN CONSTRUCTION  
 Q CONST. GULF OF MEXICO DR.  
 STA. 200+80.00

BEGIN LIGHTING  
 Q CONST. GULF OF MEXICO DR.  
 STA. 203+66.00

POLE NO. EX 01, CKT. EX-1  
 STA. 204+22.00, 28.60 LT.  
 Q CONST. GULF OF MEXICO DR.

1 RUN @ 60 LF  
 3 #6 AWG  
 1#6 AWG GROUND  
 630-2-11

SPLICE INTO  
 EXIST. CKT.

2 RUNS @ 65 LF  
 3 #6 AWG  
 1#6 AWG GROUND  
 1 SPARE  
 630-2-12

MATCH LINE - STA. 204+60.00

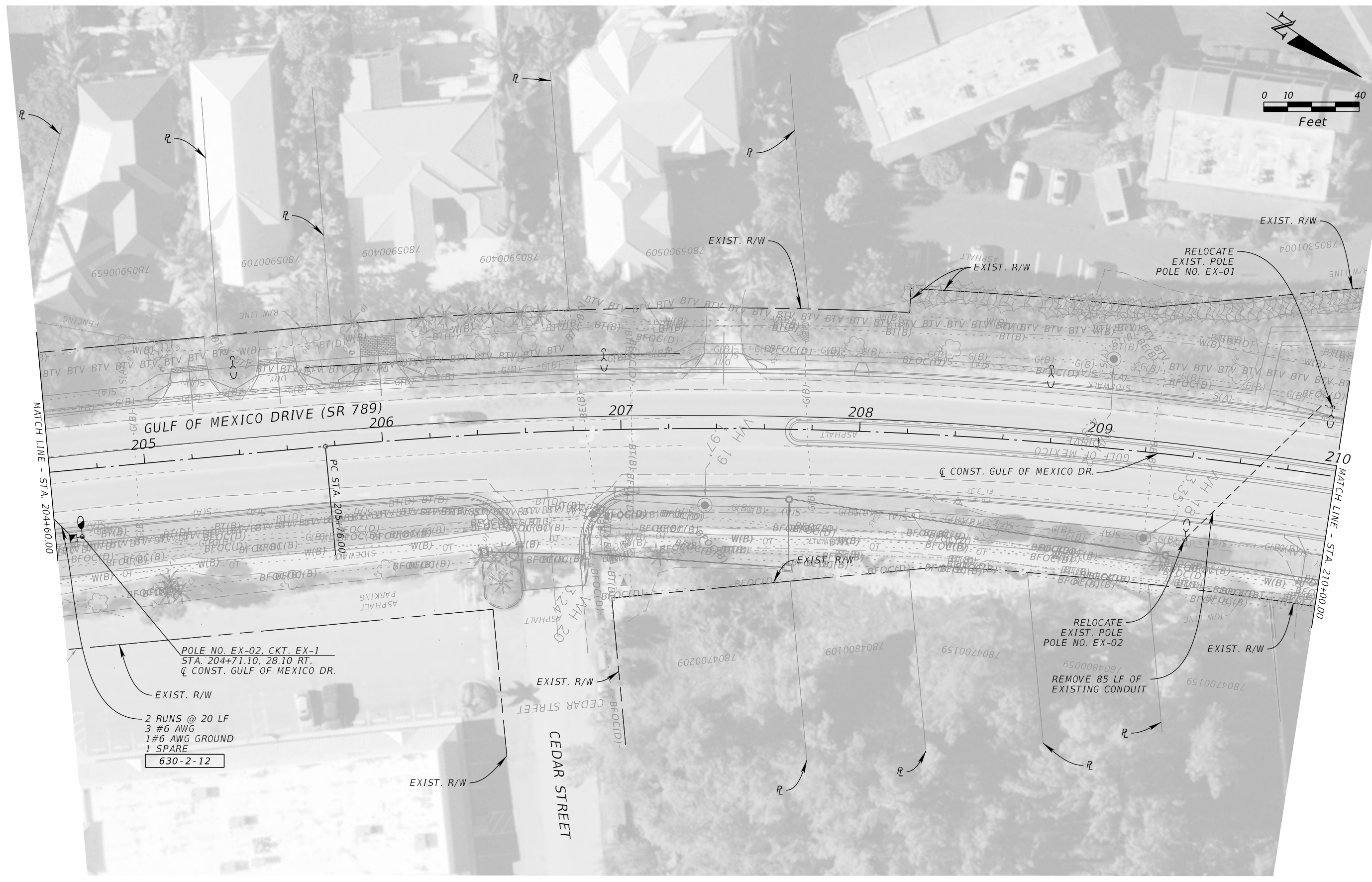
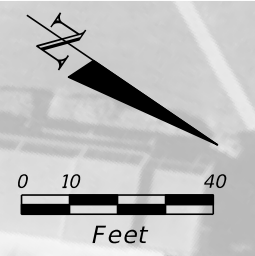
DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**  
 JORDAN E. LEEP, P.E.  
 P.E. LICENSE NUMBER: 76102  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY  
 GULF OF MEXICO DRIVE

LIGHTING PLAN SHEET (1)  
 L-4

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



DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

GARY J. NADEAU, P.E.  
 P.E. LICENSE NUMBER: 49629  
 1800 SECOND STREET, SUITE 900  
 SARASOTA, FL 34236  
 (941) 379-7600

TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

LIGHTING PLAN SHEET (2)

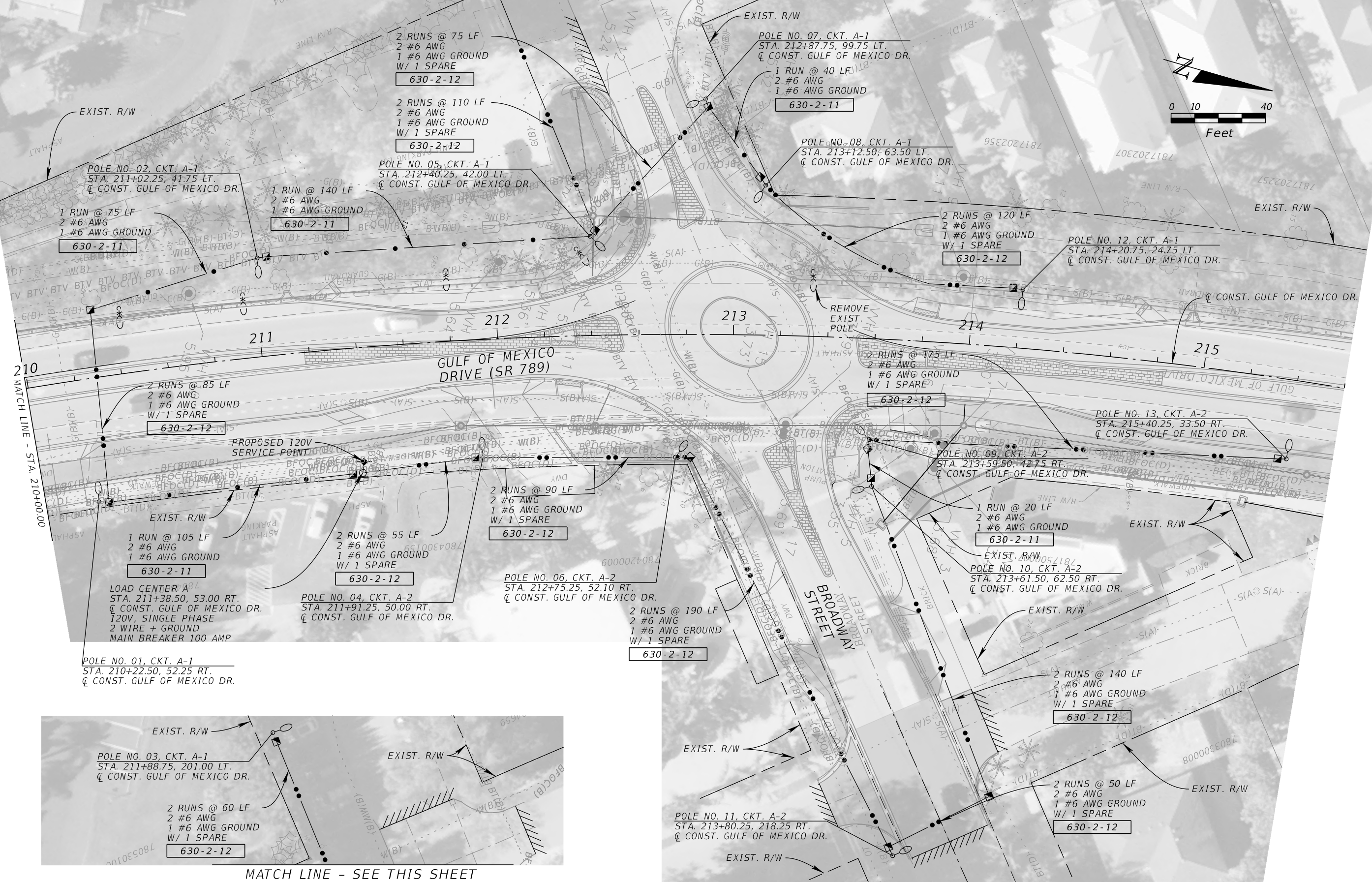
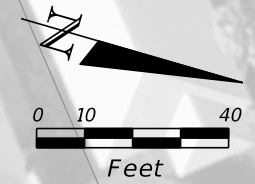
L-5

SHEET NO.

L-5

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

MATCH LINE - SEE THIS SHEET



MATCH LINE - SEE THIS SHEET

DATE	DESCRIPTION	DATE	DESCRIPTION

**Kimley»Horn**

JORDAN E. LEEP, P.E.  
P.E. LICENSE NUMBER: 76102  
1800 SECOND STREET, SUITE 900  
SARASOTA, FL 34236  
(941) 379-7600

TOWN OF LONGBOAT KEY

GULF OF MEXICO DRIVE

LIGHTING PLAN SHEET (3)

L-6

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

PROPOSED LOAD CENTER A 120 V, SINGLE PHASE, 2 WIRE + GROUND STA. 211+38.50, 53.00 RT. (CL CONST. GULF OF MEXICO DR.)					
LOAD CENTER DESIGNATION	MAIN & CIRCUIT BREAKER SIZES	# OF BRANCH CIRCUITS	TOTAL DEMAND LOAD (AMPS)	TOTAL DESIGN LOAD (AMPS)	# SERVICE ENTRANCE CONDUCTORS & CONDUIT AND BRANCH CIRCUIT SIZE
A	100 A, 2P	2	11.5	14.38	# 2 AWG
1	40 A, 2P		6.2	7.75	# 6 AWG
2	40 A, 2P		5.3	6.63	# 6 AWG

DATE	DESCRIPTION	DATE	DESCRIPTION	 <small>JORDAN E. LEEP, P.E. P.E. LICENSE NUMBER: 76102 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236 (941) 379-7600</small>	TOWN OF LONGBOAT KEY	<i>SERVICE POINT DETAILS</i>	SHEET NO.
					GULF OF MEXICO DRIVE		L-7