

\\bsc\da\p\p\Traffic_Engineering\Store\Plan_Review\Project_Folder\Erie_Road_-_Signing_and_Pavement_Marking\Erie_Phil-Pave&Sign_BidSet.dwg, 3/2/2021 1:51 PM Neil Byrne, 1:1, ANSI, full bleed 8 (11.00 x 17.00 inches)



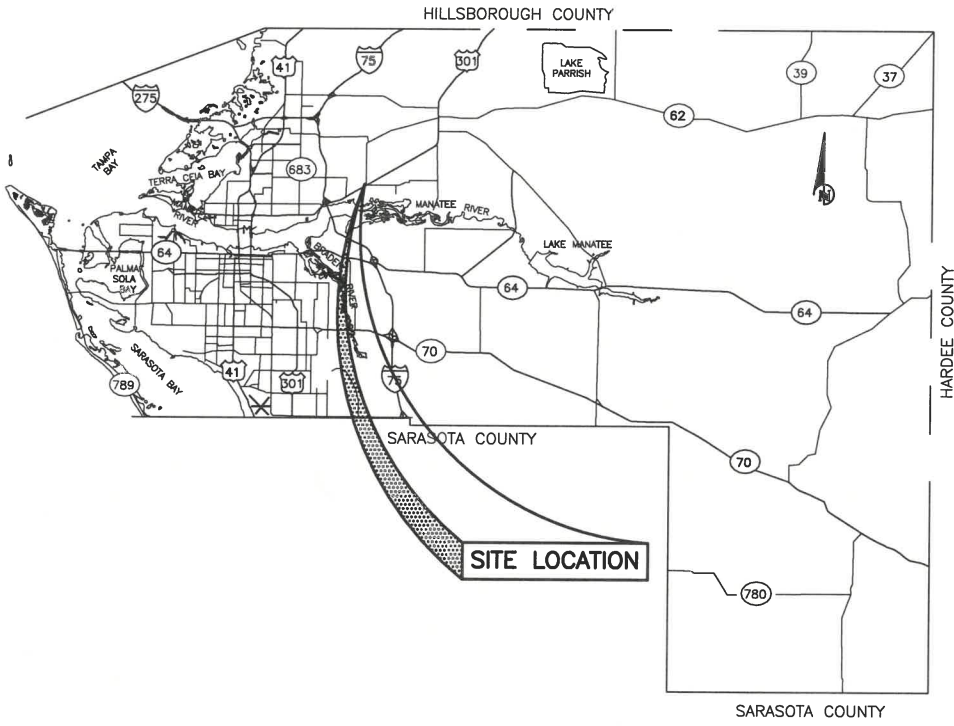
MANATEE COUNTY, FLORIDA
ERIE ROAD - US 301 TO US 301
SOUTH-NORTH PHASE II
307-6082860

January 2021



VICINITY MAP
N.T.S.

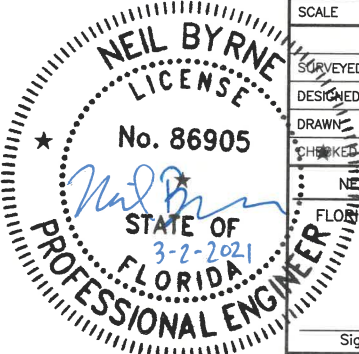
PROJECT SITE



PAVEMENT
MARKING
& SIGNING
BID SET

NO.	INDEX OF SHEETS
PMS-1	COVER SHEET
PMS-2	GENERAL NOTES
PMS-3 thru PMS-14	PAVEMENT MARKING & SIGNING PLANS

PROJECT DESCRIPTION
PROJECT CONSISTS OF WIDENING THE EXISTING ROAD FROM ±22' TO 24', WIDENING THE EXISTING SHOULDERS TO 8' AND RELOCATING EXISTING ROADSIDE DITCHES.



PAVEMENT MARKING & SIGNING
ERIE ROAD - US 301 TO US 301
SOUTH-NORTH PHASE II
COVER SHEET

NO.	REVISION	DESCRIPTION	BY	DATE
PROJECT #	307-6082860			
SURVEY #	00-43133			
SEC./TWN./RGE	2,3S/33,34S/18E			
SCALE	N.T.S.			
	BY	DATE		
SURVEYED	ZNS	10/24/12		
DESIGNED	NB	03/02/21		
DRAWN	NB	03/02/21		
CHECKED	NB	03/02/21		
NEIL BYRNE, P.E.				
FLORIDA P.E. # 86905				
Signature & Date				
SHEET PMS-1				

\\loc\dfs\JWD\Traffic\Shore\Traffic_Engineering\Share\Plan_Review\Project_Folder\Erie_Road_-_Signing_and_Pavement_Markings\Erie_Plan_PowerSign_BidSet.dwg,2 GENERAL NOTES, 3/2/2021 1:51 PM Neil Byrne, 1:1, ANSI full bleed 8 (11.00 x 17.00 inches)

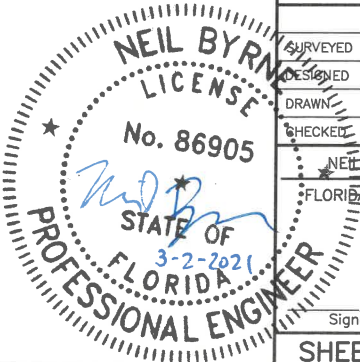
GENERAL NOTES:

1. THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (DATED 2019-20), AND FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS (DATED 2014), AND THE FHWA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) 2009 EDITION.
2. PAVEMENT MARKING SHALL BE PLACED AS SHOWN IN THE PLANS AND THE APPROPRIATE FDOT DESIGN STANDARDS INDEX.
3. PAVEMENT MARKING DIRECTIONAL ARROWS SHALL BE SPACED AS PER FDOT DESIGN STANDARD INDEX NO. 711-001.
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LENGTH OF COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.
5. REFER TO FDOT DESIGN STANDARD INDEX NO. 706-001/711-001 FOR RETRO-REFLECTIVE PAVEMENT MARKER PLACEMENT DETAILS.
6. ALL PERMANENT PAVEMENT MARKINGS PLACED WITHIN THE MANATEE COUNTY RIGHT OF WAY SHALL BE THERMOPLASTIC EXCEPT WHEN OTHERWISE NOTED IN PLANS WHERE PAINT IS SPECIFIED.
7. ALL THERMOPLASTIC PAVEMENT MARKINGS SHALL BE CERTIFIED LEAD FREE.
8. TEMPORARY PAINTED PAVEMENT MARKINGS SHALL BE INSTALLED PRIOR TO OPENING LANES TO TRAFFIC. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE PLANS AND THE APPROPRIATE FDOT DESIGN STANDARDS INDEX.
9. EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS SHALL BE REMOVED USING AN EDCO TLR-7 GRINDER OR EQUAL. NO SCAR RESULTING FROM THE MARKING REMOVAL SHALL BE DEEPER THAN ¼" AS MEASURED FROM THE SURROUNDING SURFACE TO THE LOWEST POINT IN THE REMOVED AREA. HYDROBLASTING IS NOT ALLOWED.
10. ALL PAVEMENT MARKINGS SHALL MEET THE CRITERIA SPECIFIED IN THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2014 EDITION.
11. ALL SIGNS SHALL BE INSTALLED ACCORDING TO THE LATEST FDOT DESIGN STANDARDS INDEX AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2014 EDITION.
12. SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT.
13. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET AND METHOD OF INSTALLATION.
14. CAUTION SHALL BE EXERCISED WHILE RELOCATING EXISTING SIGNS SO AS TO PREVENT DAMAGE TO THE SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, THEY SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
15. CONTRACTOR SHALL USE U-CHANNEL STEEL POSTS FOR MULTI-POST SIGNS. ALL COLUMNS (POSTS) FOR SINGLE COLUMN GROUND SIGNS SHALL BE ALUMINUM ROUND TUBE.
16. ALL SINGLE POST AND MULTI-POST SIGNS WITHIN THE LIMITS OF THE PROJECT SHALL BE REMOVED UNLESS OTHERWISE SHOWN IN THE PLANS. REMOVAL INCLUDES REMOVING FOUNDATIONS AND BACKFILLING THE HOLES LEFT AFTER REMOVAL.
17. ANY SIGN MOUNTED OVER A SIDEWALK SHALL HAVE A STANDARD VERTICAL CLEARANCE OF 7 FEET.
18. STREET NAME SIGNS THAT ARE NOT SHOWN IN THE GUIDE SIGN WORK SHEET SECTION OF THE PLANS SHALL BE AS PER MANATEE COUNTY DESIGN REQUIREMENTS.

19. SIGNS THAT ARE EMBEDDED IN ASPHALT/CONCRETE SHALL BE INSTALLED IN PIPE SLEEVES.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL SIGNS THAT ARE TO BE PERMANENTLY REMOVED IN THIS PROJECT.
21. APPLY THERMOPLASTIC AS THE FINAL TRAFFIC STRIPES AND MARKINGS A MINIMUM OF 14 DAYS AFTER THE FIRST APPLICATION OF PAINT, BUT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.

ERIE ROAD PHASE II QUANTITIES

ITEM NO.	DESCRIPTION	EST. QTY	U/M
SIGNING AND PAVEMENT MARKING			
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	9	AS
700-1-50	SINGLE POST SIGN, RELOCATE	15	AS
700-1-60	SINGLE POST SIGN, REMOVE	2	AS
706-1-1	RAISED PAVMT MARK, TYPE B	965	EA
710-11-290	PAINTED PAVT MARK,STD,YELLOW,ISLAND NOSE	91	SF
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	3.141	GM
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	860	LF
711-11-124	THERMOPLASTIC, STD, WHITE, SOLID, 18"	24	LF
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	190	LF
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	8	EA
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	18	EA
711-15-201	THERMOPLASTIC, STD-OP,YELLOW, SOLID, 6"	3.560	GM
711-11-224	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	1370	LF

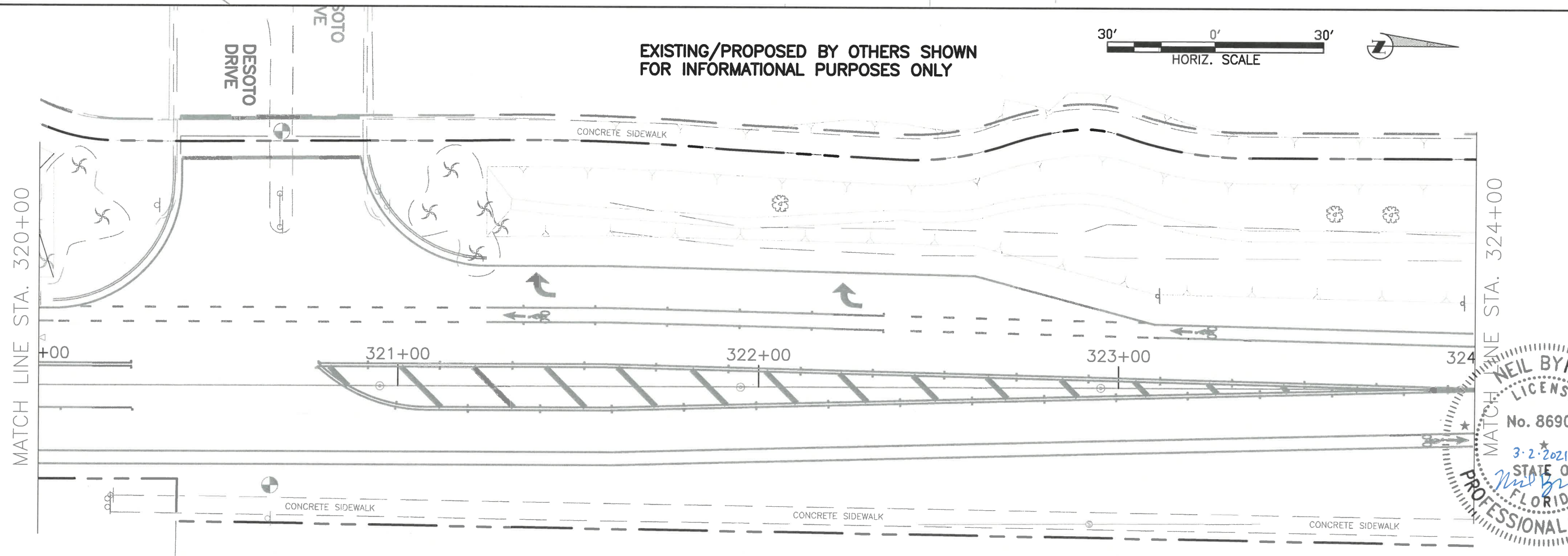
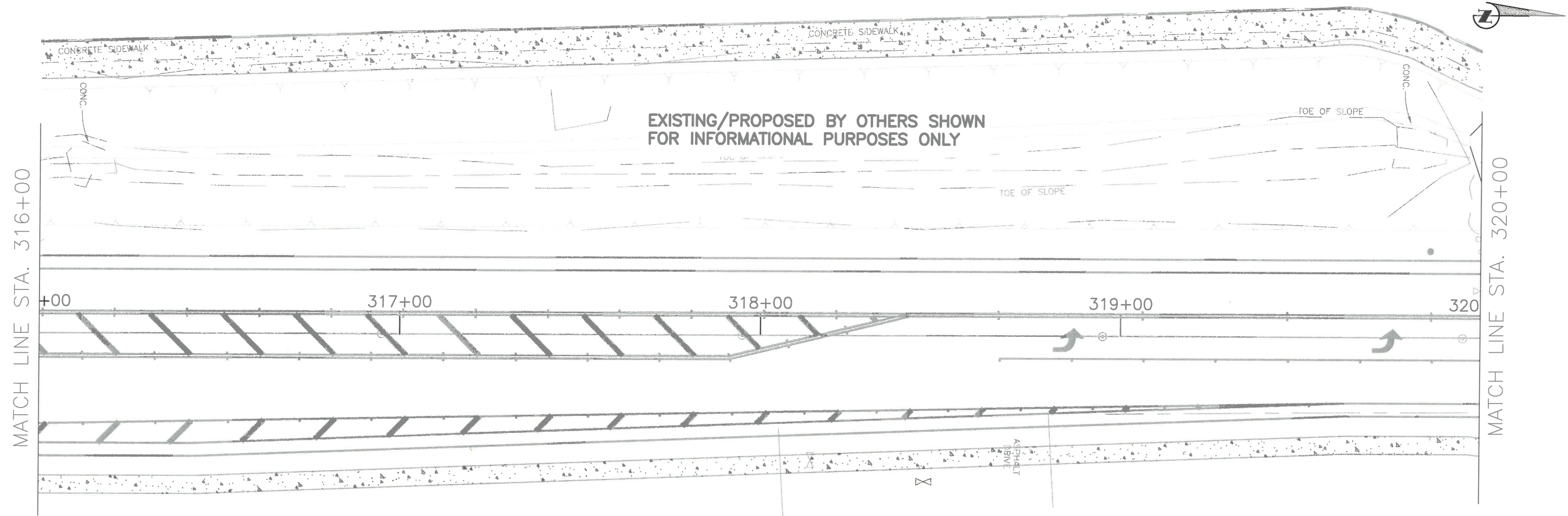


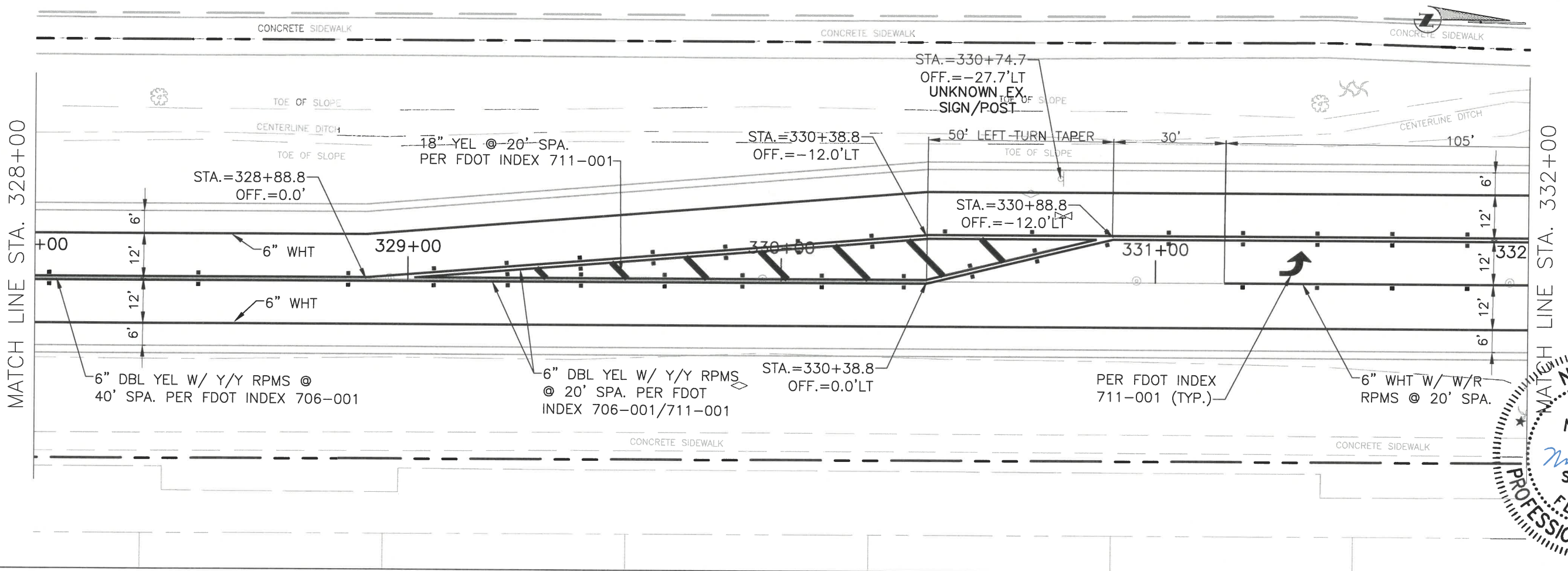
PAVEMENT MARKING & SIGNING
ERIE ROAD - US 301 TO US 301
SOUTH-NORTH PHASE II
GENERAL NOTES

DATE					
BY					
REVISION	DESCRIPTION				
NO.					
PROJECT #	307-6082860				
SURVEY #	00-43133				
SEC./TWN./RGE	2,3S/33,34S/18E				
SCALE	N.T.S.				
	BY	DATE			
SURVEYED	ZNS	10/24/12			
DESIGNED	NB	03/02/21			
DRAWN	NB	03/02/21			
CHECKED	NB	03/02/21			

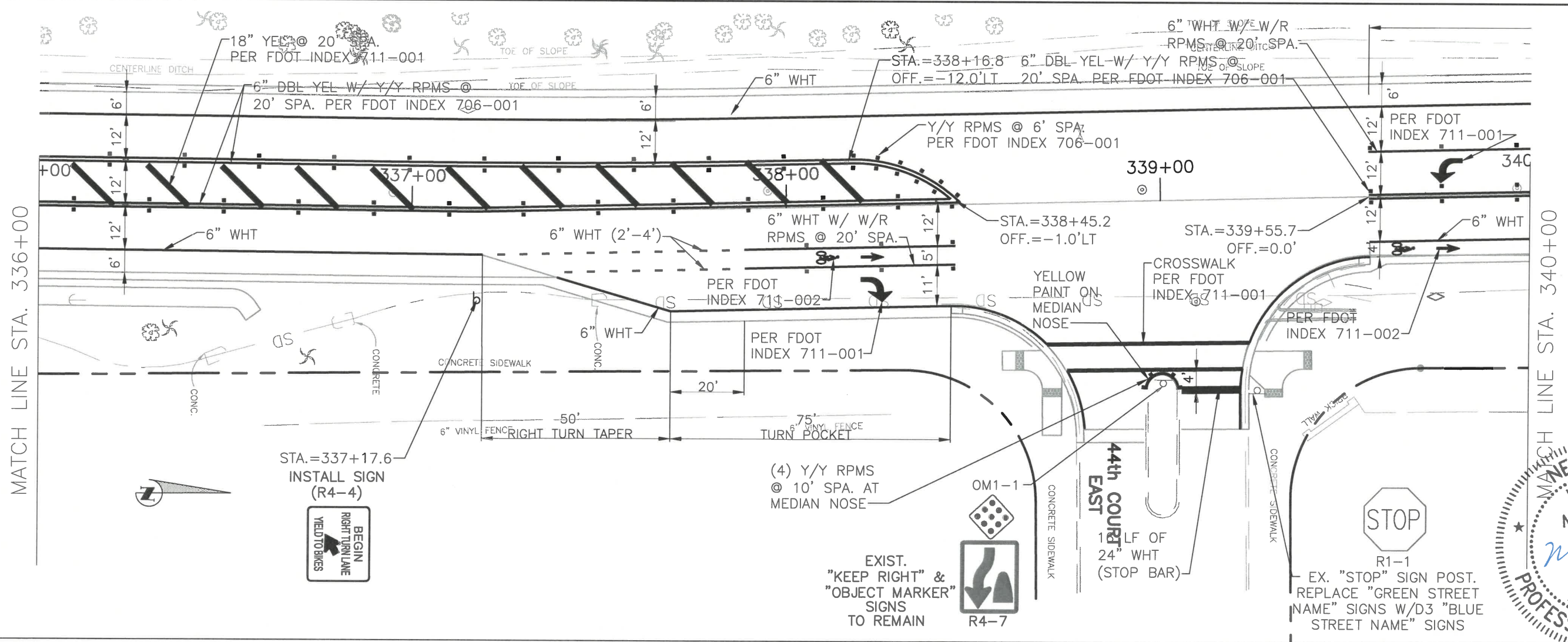
NEIL BYRNE, P.E.
FLORIDA P.E. # 86905

**PAVEMENT MARKING & SIGNING
ERIE ROAD - US 301 TO US 301
SOUTH-NORTH PHASE II
PLAN - STA. 316+00 TO STA. 324+00**

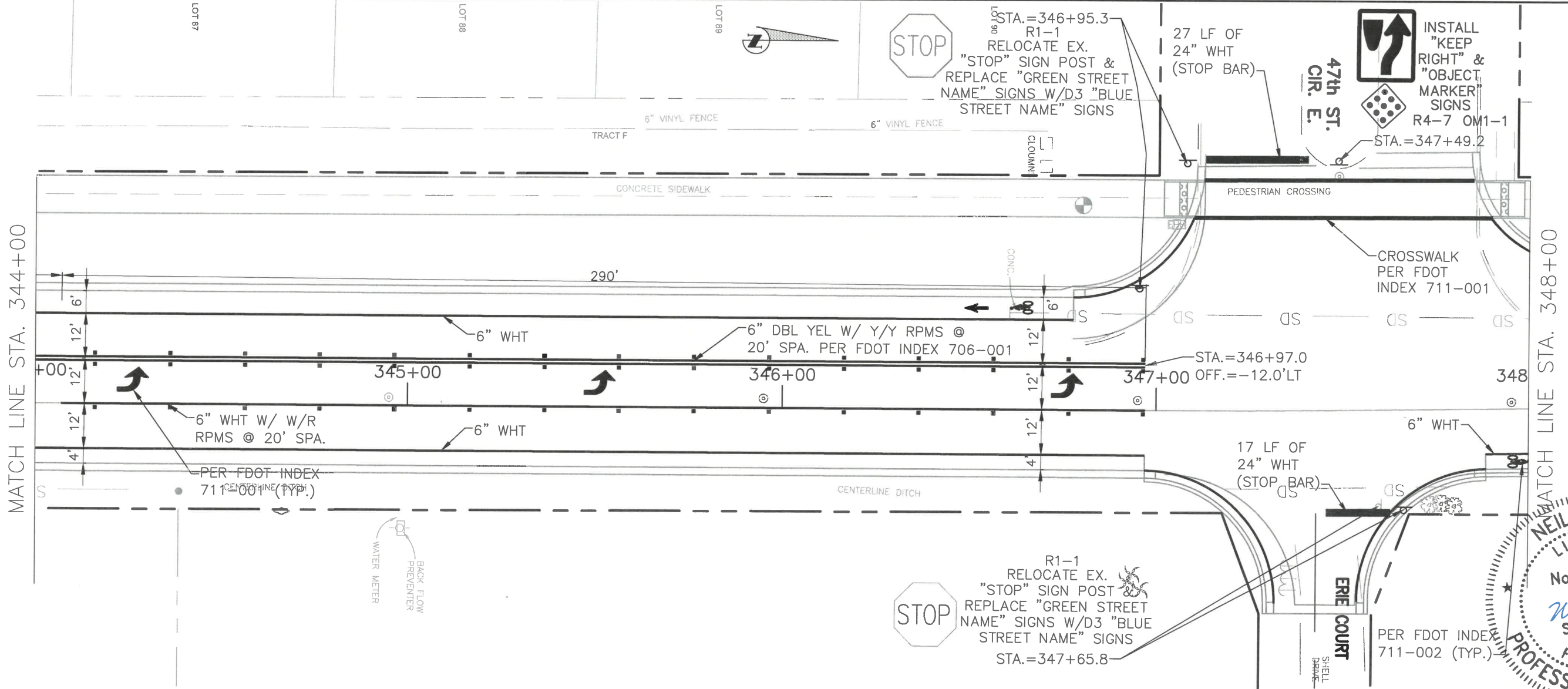
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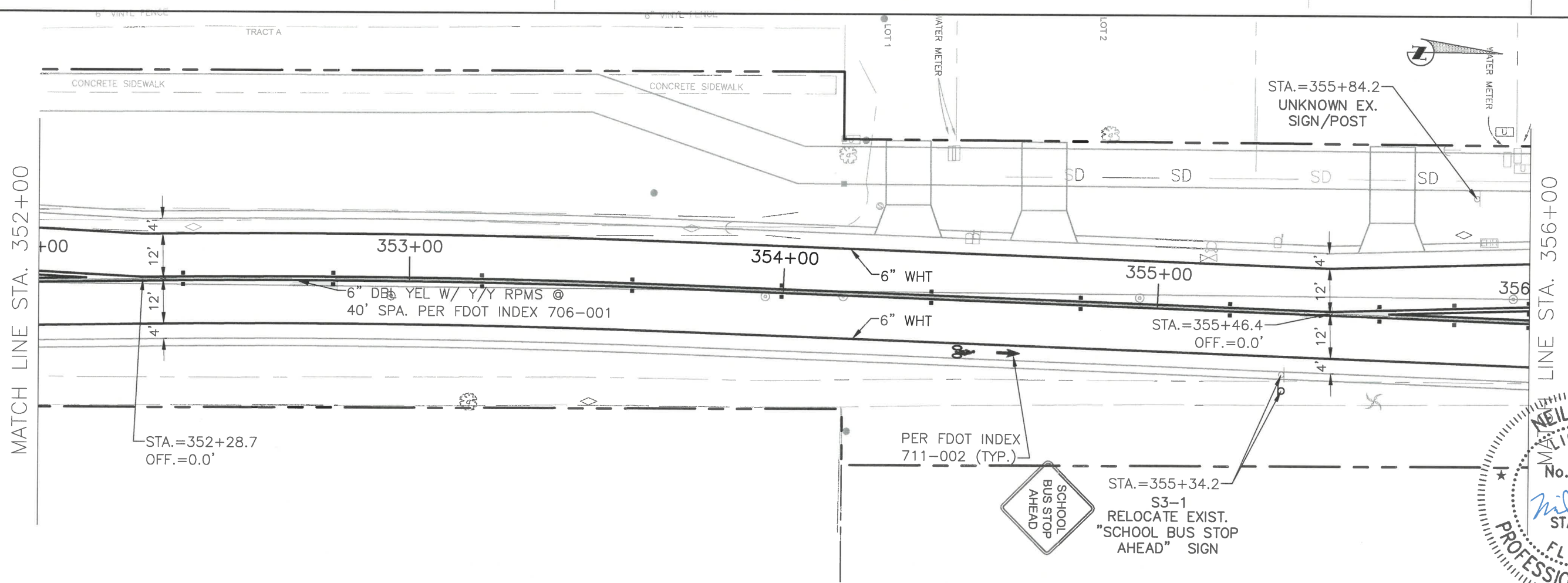


Professional Engineer Seal for Neil B. Byrnes, State of Florida, License No. 8690. The seal is circular with "NEIL B. BYRNES" at the top, "STATE OF FLORIDA" at the bottom, and "PROFESSIONAL ENGINEER" around the inner edge. The center contains "LICENSE No. 8690" and a signature "Neil B. Byrnes" with the date "3-2-2011". To the right is a rectangular stamp with a grid and the text "SCALE", "EXPIRATION DATE", "DESIGNED", "DRAWN", "CHECKED", "NEIL B.", "FLORIDA", and "Signature".

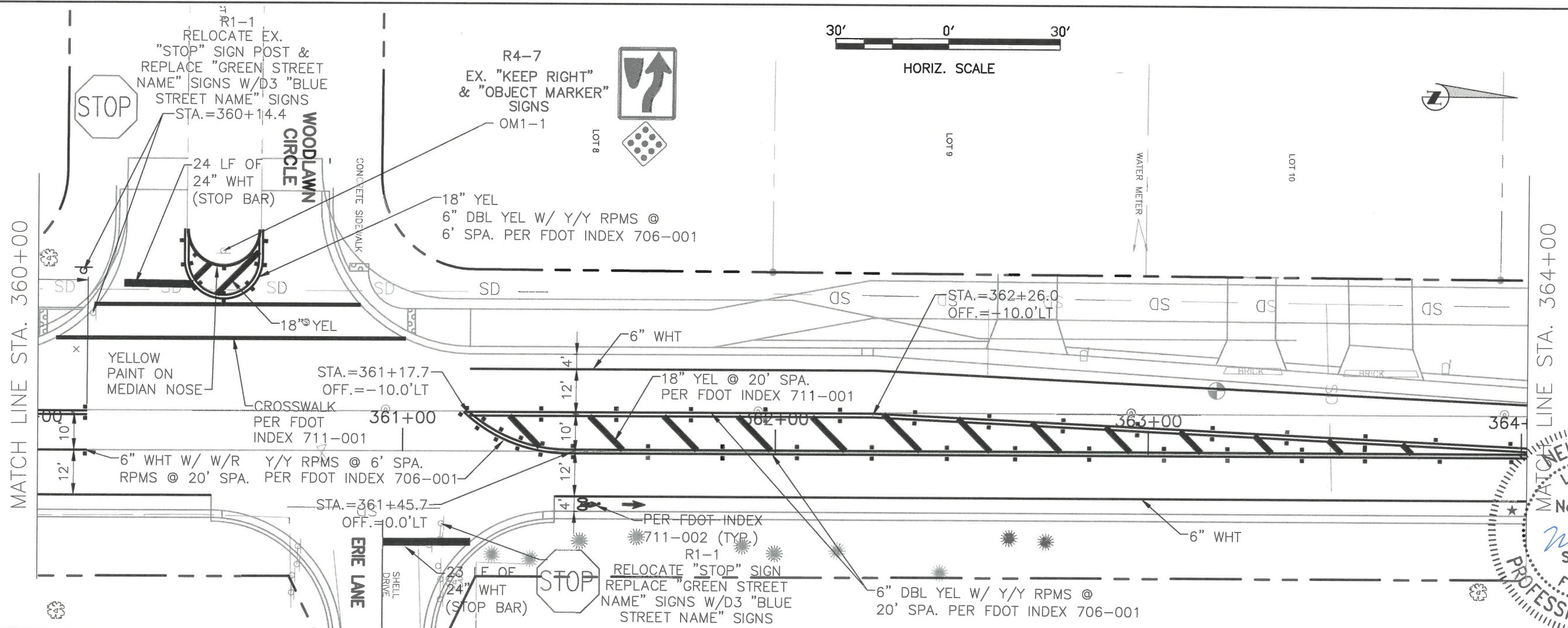


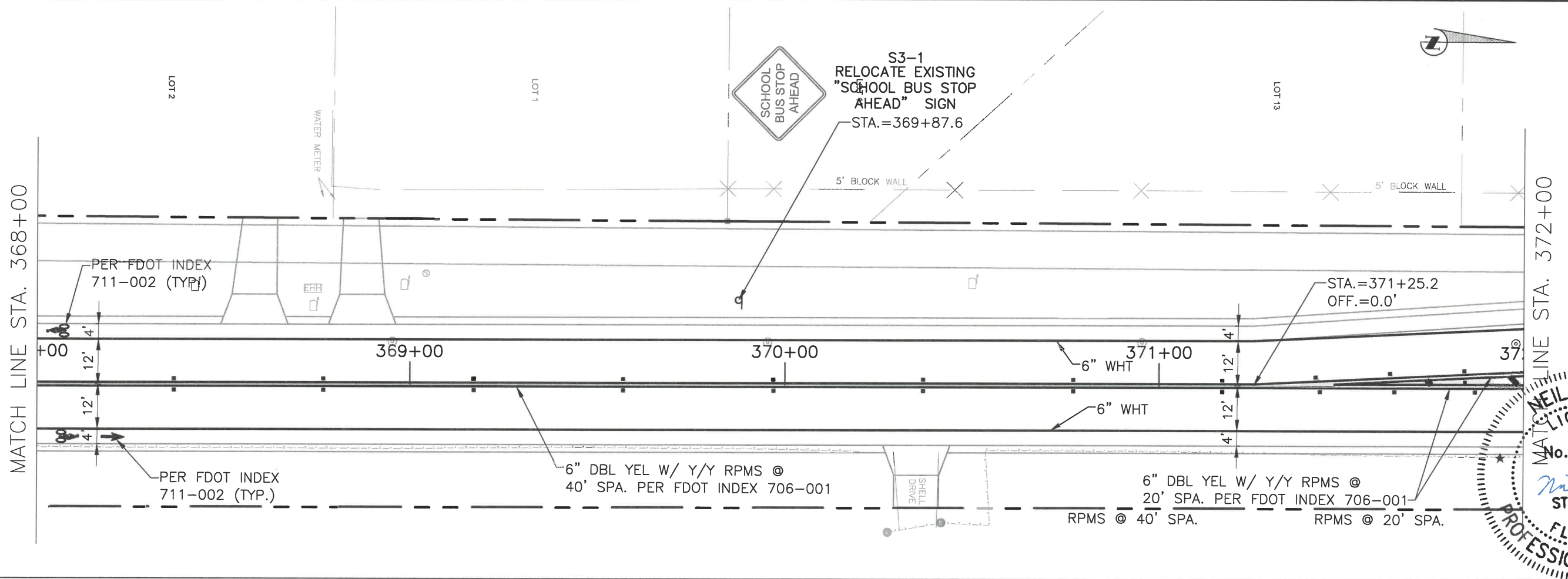
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BY									
REVISION									
DESCRIPTION									
NO.									
PROJECT #	307-6082860								
SURVEY #	00-43133								
SEC./TWN./RGE	2,3S/33,34S/18E								
SCALE	AS NOTED								
	BY	DATE							
SURVEYED	ZNS	10/24/12							
DESIGNED	NB	03/02/21							
DRAWN	NB	03/02/21							
CHECKED	NB	03/02/21							
NEK BYRNE, P.E. FLORIDA P.E. # 86905									
 Signature & Date									
SHEET PMS-7									

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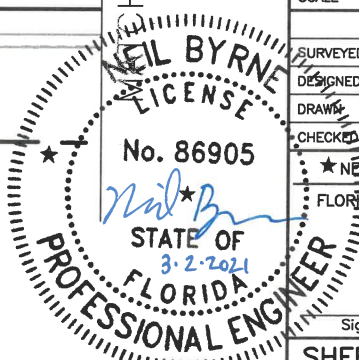
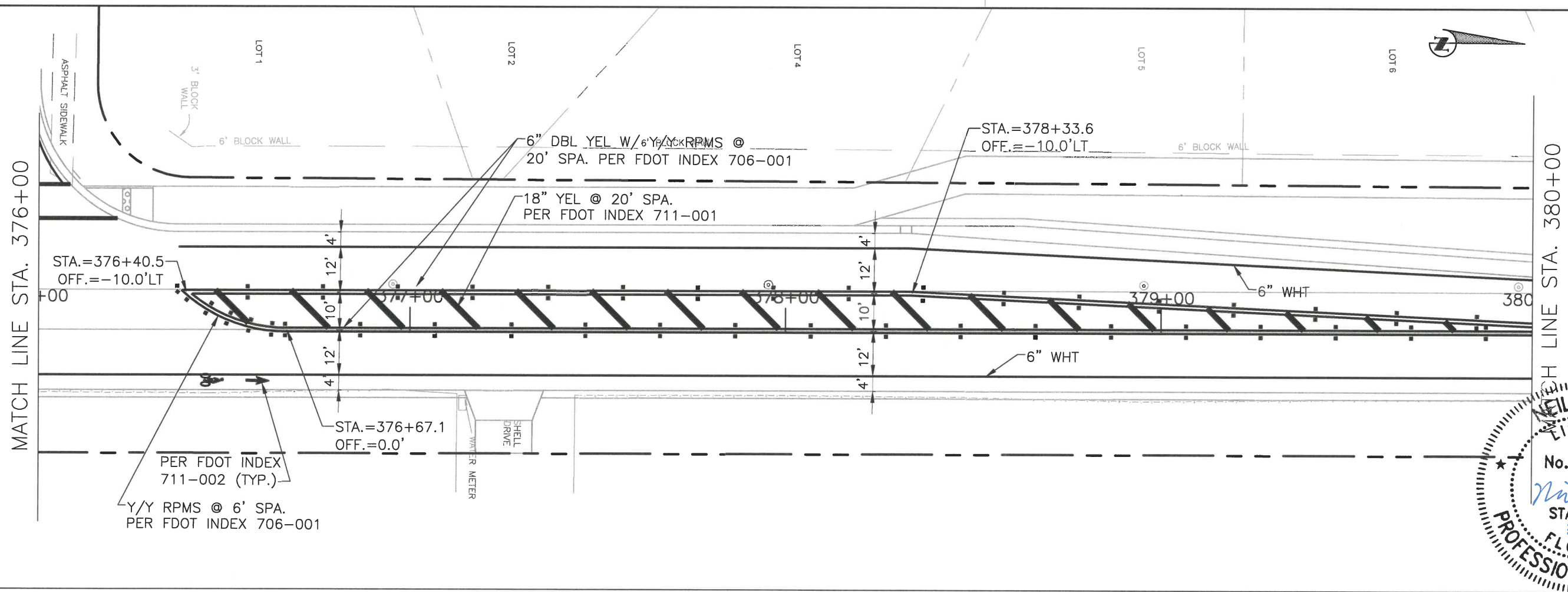
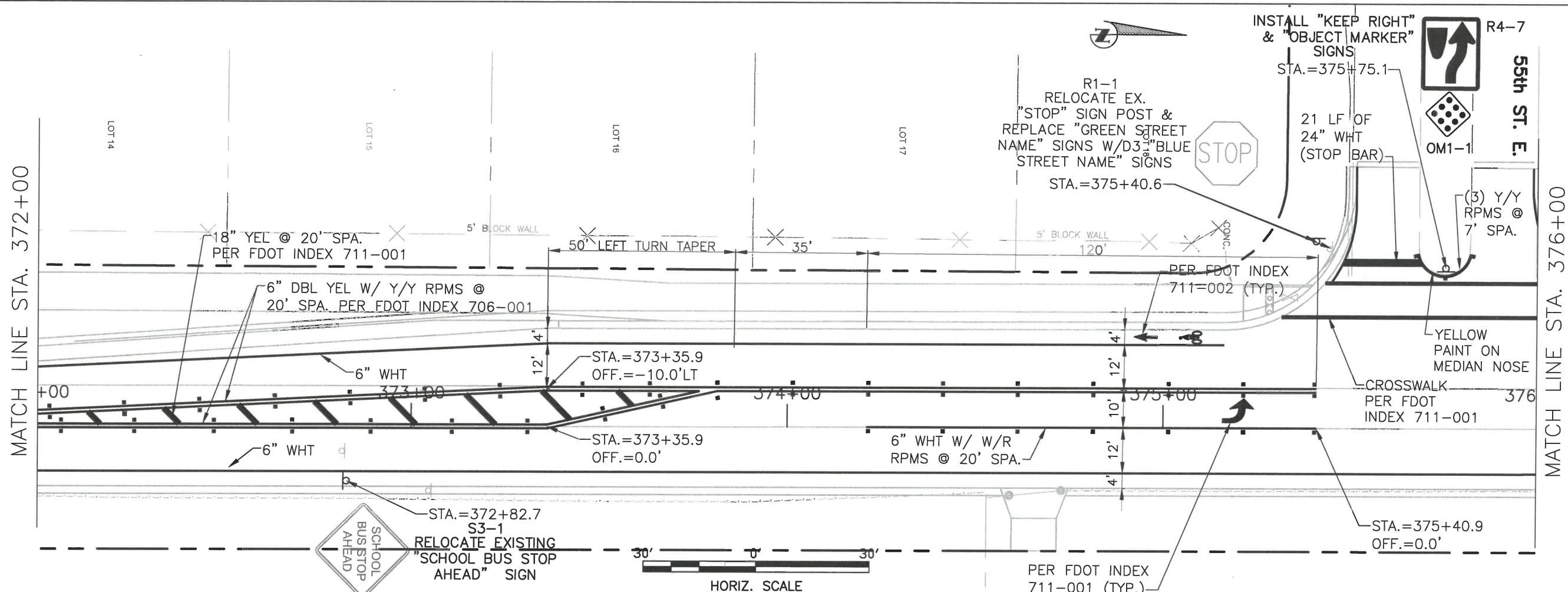


NEIL BYRNE, P.E.
FLORIDA P.E. # 86905
Signature & Date
SHEET PMS-10



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\\bos-dfs-pwd-traffic-shares\Traffic\Engineering\Share\Plan Review Project Folder\Erie Road - Signing and Pavement Marking\Erie Phil-Pave&Sign-BidSet.dwg,12_PMS- 3/2/2021 3:23 PM Neil Byrne, 1:1, ANSI full bleed B (11.00 x 17.00 inches)



PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

PAVEMENT MARKING & SIGNING
ERIE ROAD - US 301 TO US 301
SOUTH-NORTH PHASE II
PLAN - STA. 372+00 TO STA. 380+00

NO.	REVISION DESCRIPTION	BY	DATE

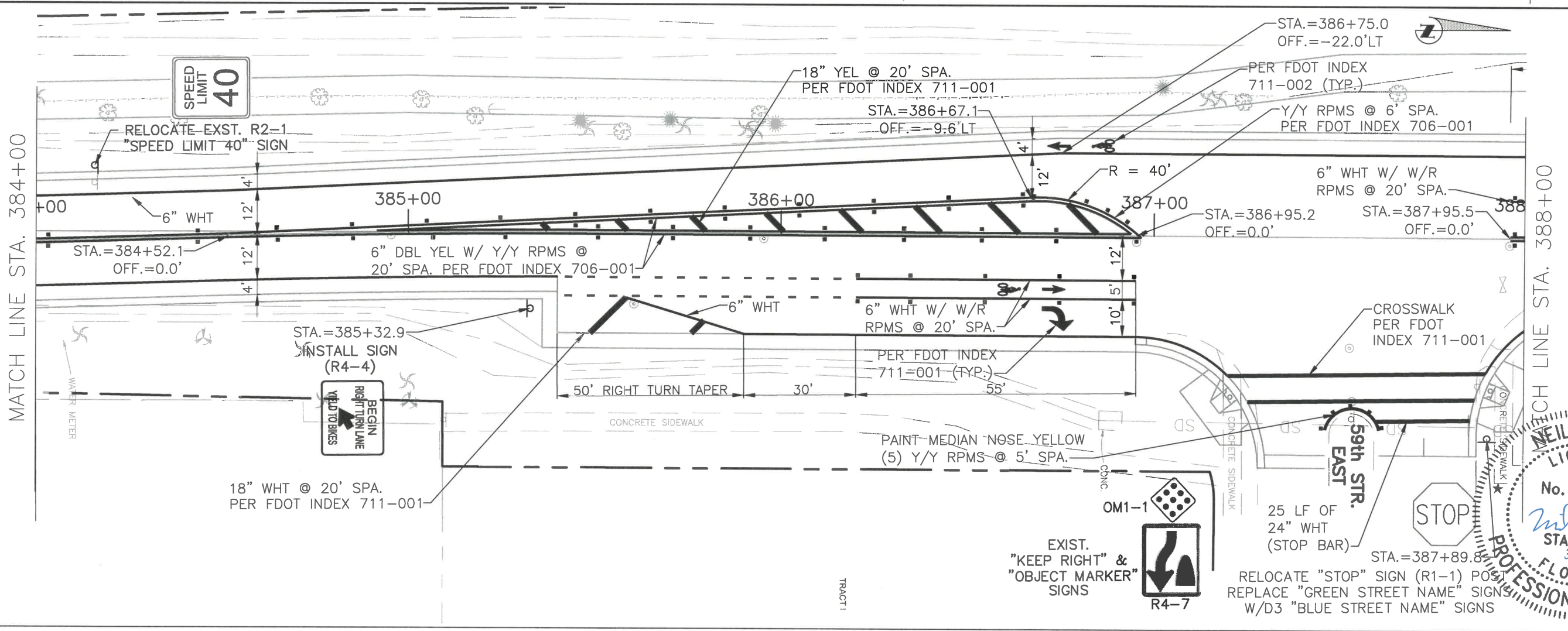
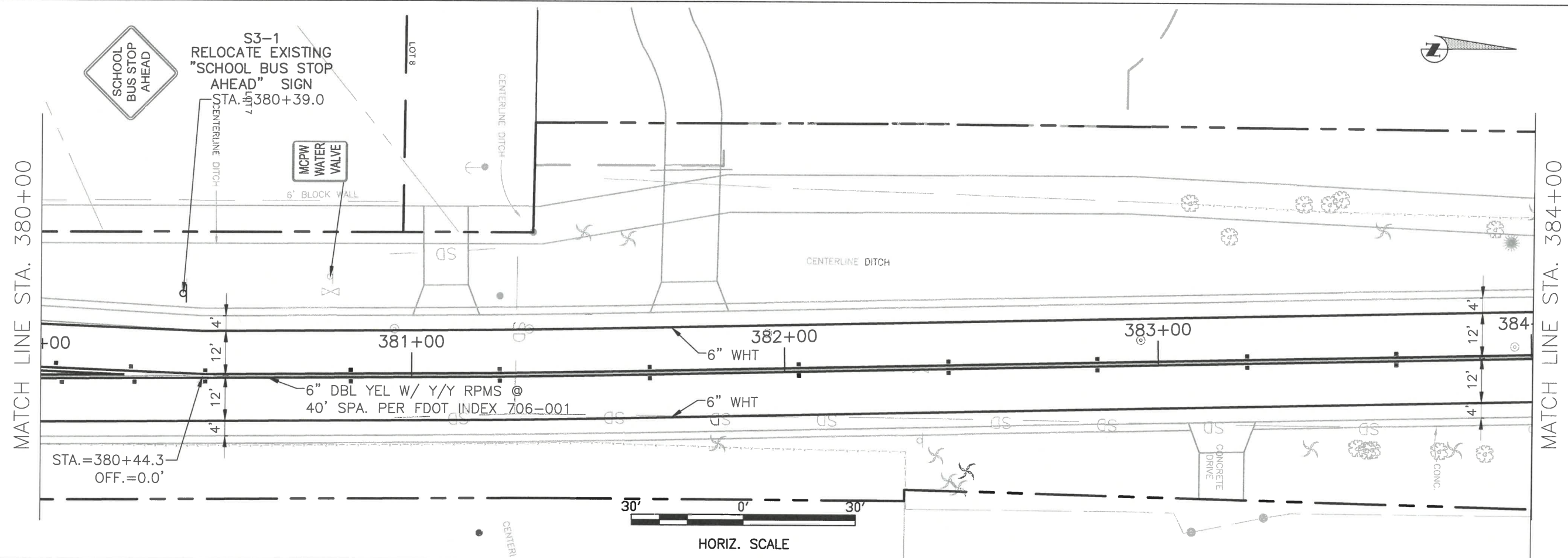
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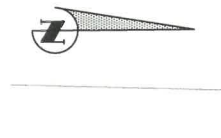
★ NEIL BYRNE, P.E.
FLORIDA P.E. # 86905

Signature & Date

SHEET PMS-12

DATE									
BY									
REVISION									
DESCRIPTION									
NO.									
PROJECT #	307-6082860								
SURVEY #	00-43133								
SEC./TWN./RGE	2,3S/33,34S/18E								
SCALE	AS NOTED								
	BY	DATE							
SURVEYED	ZNS	10/24/12							
DESIGNED	NB	03/02/21							
DRAWN	NB	03/02/21							
CHECKED	NB	03/02/21							
NEIL BYRNE, P.E.									
FLORIDA P.E. # 86905									
Signature & Date									
SHEET PMS-13									





SHEET PMS-14

