

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION  
**FINAL AS-BUILT PLANS**  
~~CONTRACT PLANS~~

FINANCIAL PROJECT ID 445697-1-52-01  
(FEDERAL FUNDS)  
OSCEOLA COUNTY (92070)  
STATE ROAD NO. 60  
FROM THREE LAKES WMA TO WEST OF US 441

INDEX OF ROADWAY PLANS

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2	SIGNATURE SHEET
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30 - 31	GUIDE SIGN WORKSHEET
SQ-1 - SQ-2	SUMMARY OF QUANTITIES

Index of Final Plans

1581831 Project Shop Drawings Package  
1594226 Project Materials Certification Package  
1594720 Contractor As-Built

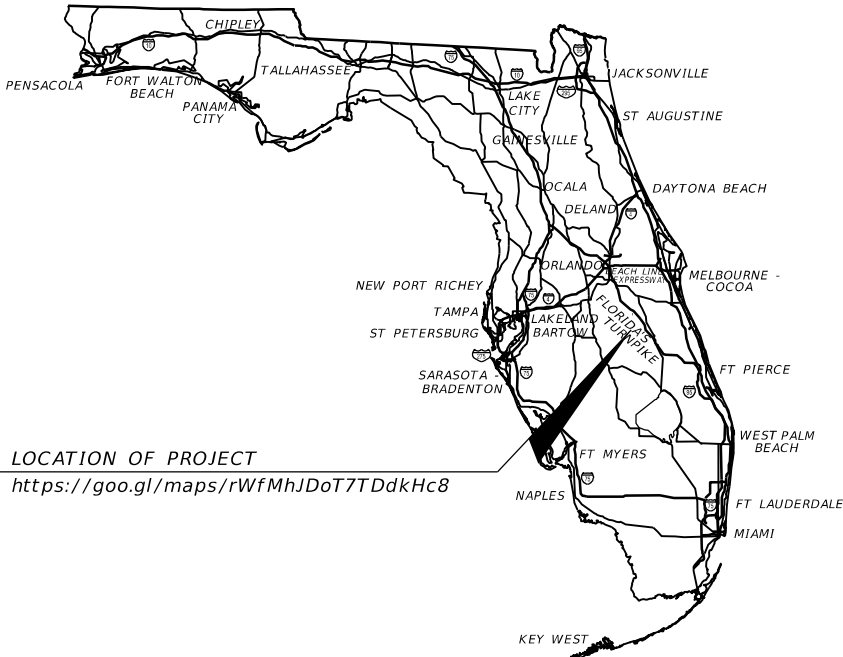
GOVERNING STANDARD PLANS:

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

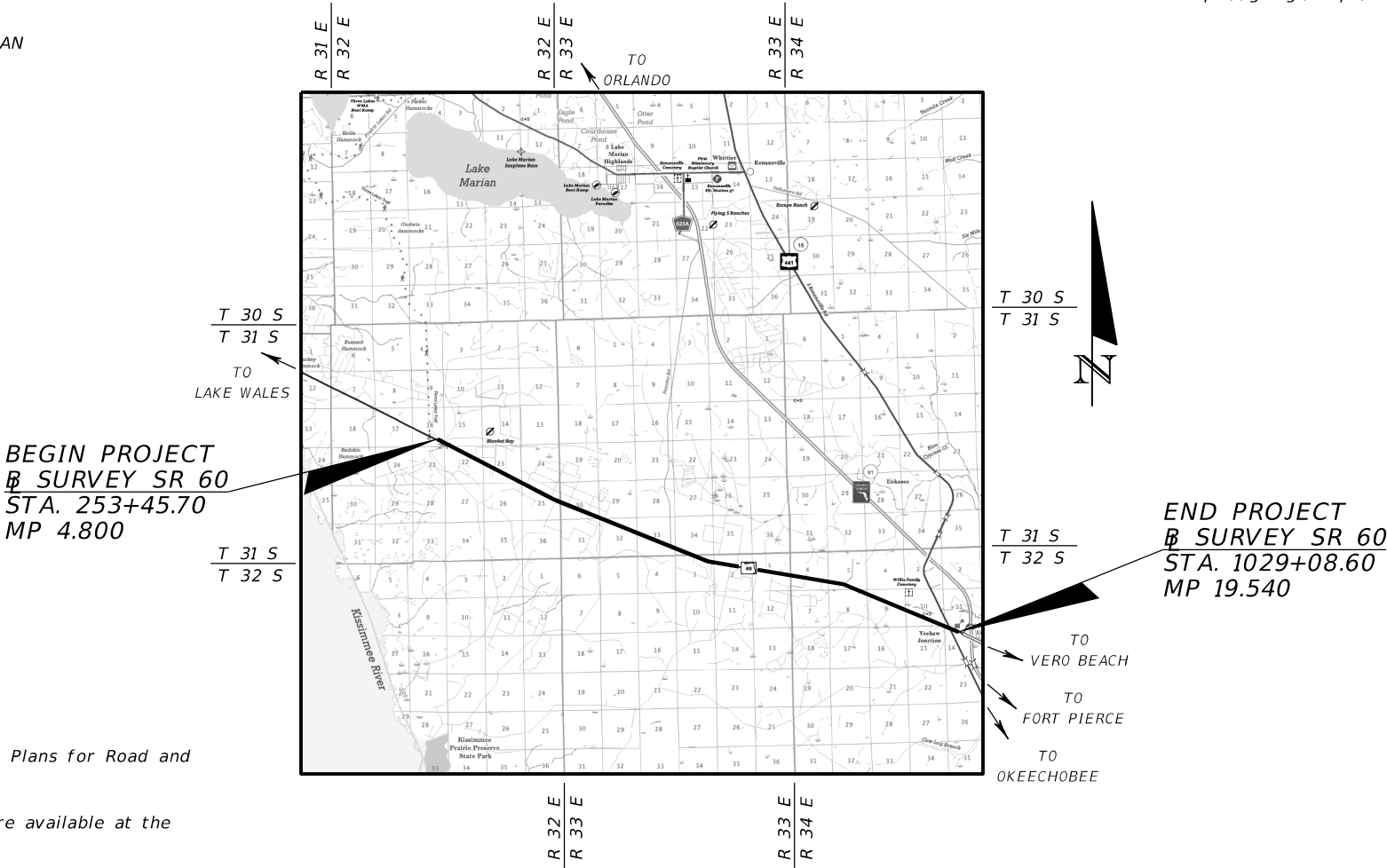
Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>



LOCATION OF PROJECT  
<https://goo.gl/maps/rWfMhJDdT7TDdkHc8>



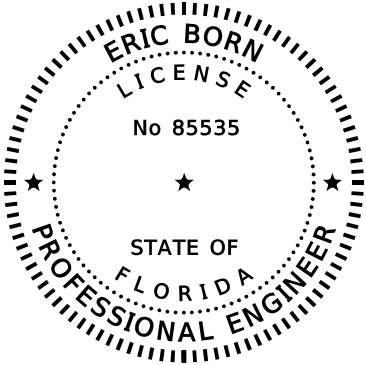
Prime Contractor: Alexander Design & Build  
Prime Consultant: In-House  
District Secretary: John Tyler, P.E.  
Resident Project Engineer: Ryan Flipse, P.E.  
Project Administrator: Michael Decker  
Date Work Started: November 27, 2022  
Date Work Final Accepted: May 15, 2023

ROADWAY PLANS  
ENGINEER OF RECORD:

ERIC BORN, P.E.  
P.E. NO.: 85535  
PATEL, GREENE AND ASSOCIATES, LLC  
280 W. CANTON AVENUE, SUITE 400  
WINTER PARK, FL 32789  
CONTRACT NO.: CA162  
VENDOR NO.: F452209743-001

FDOT PROJECT MANAGER:  
ANTHONY MILLER, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
T5752	23	1

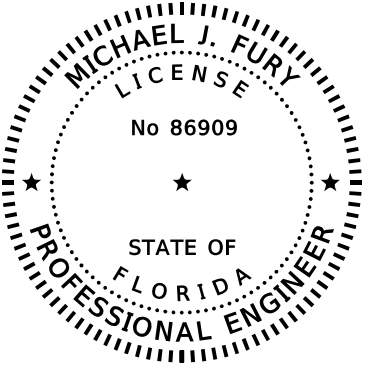


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ON THE DATE ADJACENT TO THE SEAL

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PATEL, GREENE AND ASSOCIATES, LLC  
280 W. CANTON AVE., SUITE 400  
WINTER PARK, FLORIDA 32789  
ERIC BORN, P.E. NO. 85535



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PATEL, GREENE AND ASSOCIATES, LLC  
12570 TELECOM DRIVE  
TEMPLE TERRACE, FL 33637  
MICHAEL J. FURY, P.E. NO. 86909

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

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
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30 - 31	GUIDE SIGN WORKSHEET

REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		2



STATE OF FLORIDA, PROFESSIONAL ENGINEER, LICENSE NO.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY  
ON THE DATE INDICATED HERE

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Date	Name	Position (Title)	Review Type, If Applicable
RESIDENT OFFICE			
DISTRICT OFFICE			

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			FINAL "AS-BUILT" SIGNATURE SHEET	SHEET NO.
	DATE	DESCRIPTION						
	DATE	DESCRIPTION						
						445697-1-52-01		

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FLORIDA DEPARTMENT OF TRANSPORTATION PROPOSAL SUMMARY OF PAY ITEMS FOR PROPOSAL: T5752						
LEAD PROJECT : 445697-1-52-01			DISTRICT : 05	COUNTY/SECTION : 92070000		
PROJECT(S) : 44569715201			COUNTY : OSCEOLA			
0001 SUMMARY OF ROADWAY						
SPC	ALT	ITEM NUMBER	ITEM DESCRIPTION	UNIT	44569715201	QUANTITY TOTAL
		0101- 1-	MOBILIZATION 44569715201	LS	1.000	1.000
		0102- 1-	MAINTENANCE OF TRAFFIC 44569715201	(LS)	1.000	1.000
		0102- 14-	TRAFFIC CONTROL OFFICER	HR	1760.000	1760.000
		0102- 60-	WORK ZONE SIGN	ED	2488.000	2488.000
		0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	21012.000	21012.000
		0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	234.000	234.000
		0102-909-	TEMPORARY RAISED RUMBLE STRIPS- PER DAY, INCLUDES ALL SETS AND RELOCATIONS	DA	110.000	110.000
		0104- 10- 3	SEDIMENT BARRIER	LF	628.000	628.000
P		0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	2.000	2.000
		0107- 1-	LITTER REMOVAL	AC	528.860 N	528.860
		0107- 2-	MOWING	AC	471.880 N	471.880
		0546- 72- 2	GROUND-IN RUMBLE STRIPS, 8" CYLINDRICAL	GM	35.386	35.386
		0546- 72- 3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	0.809	0.809
		0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	27.000	27.000
		0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	30.000	30.000
		0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	46.000	46.000
		0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	1.000	1.000
		0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	9.000	9.000
		0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	6.000	6.000
		0701- 17-101	PROFIED THERMOPLASTIC,STANDARD- CONCRETE SURFACES, WHITE, SOLID,6"	GM	0.061	0.061
		0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	3118.000	3118.000
		0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE 44569715201	LS	1.000	1.000
		0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	8.000	8.000
		0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	8.000	8.000
		0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	1406.000	1406.000
		0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.030	0.030
		0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	29.479	29.479
		0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6" ,10-30 SKIP OR 3-9 LANE DROP	GM	1.334	1.334
		0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	12.131	12.131
		0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	9.676	9.676
		0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	113494.000	113494.000
		0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.061	0.061
		0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID 44569715201	LS	1.000 N	1.000

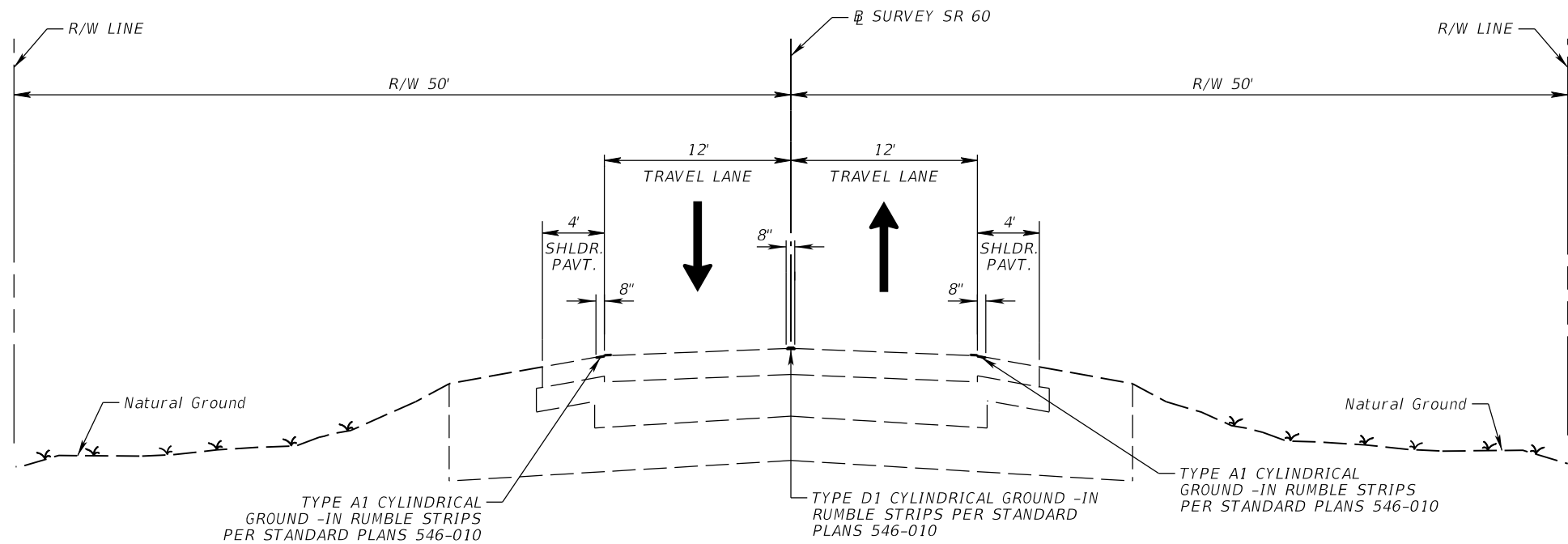
REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		3
					SR 60	OSCEOLA	445697-1-52-01		

USER: fabio.osorio

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



TYPICAL SECTION NO. 1  
RUMBLE STRIP DETAIL

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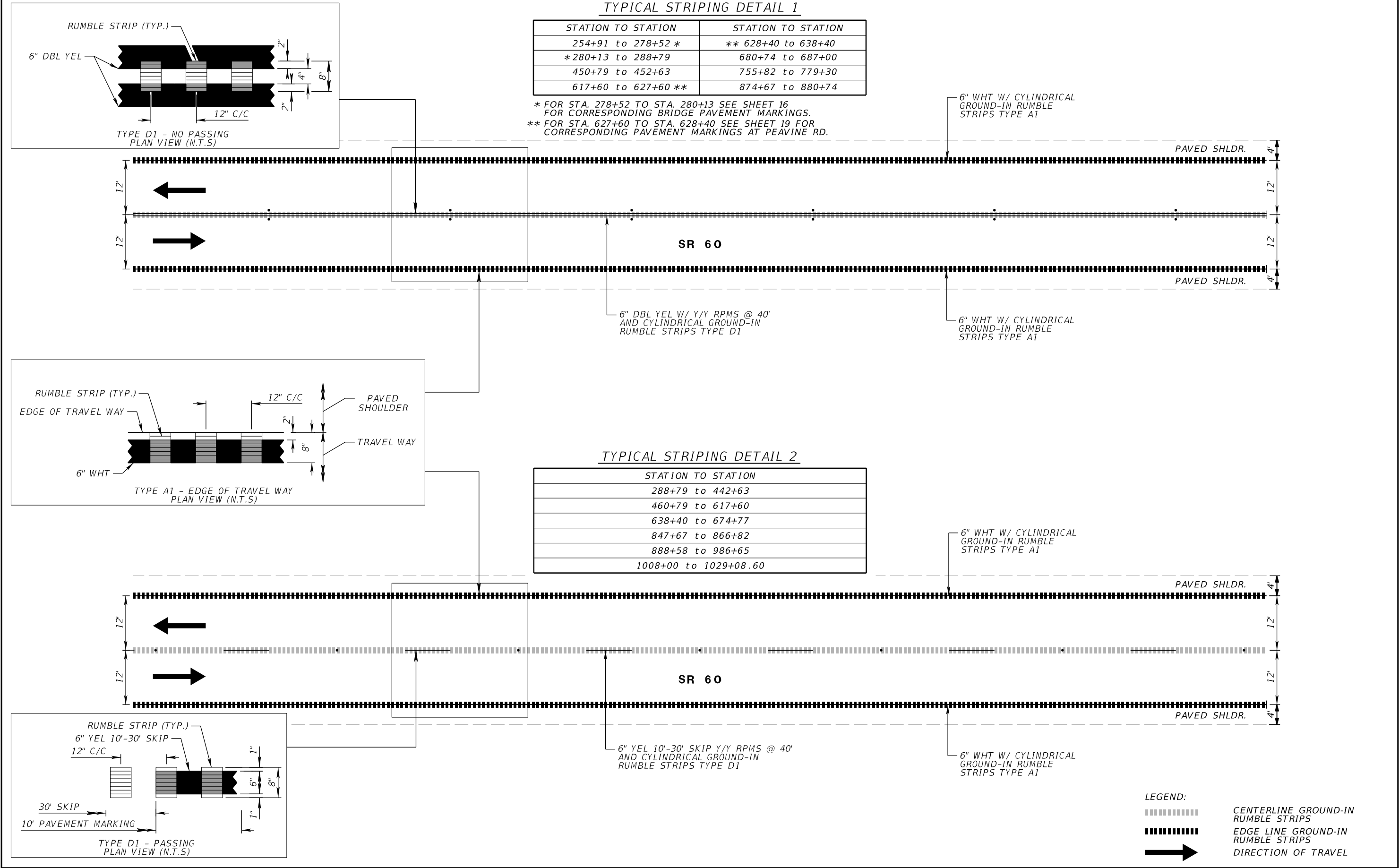
SR 60  
MP 4.800 TO MP 19.540  
STA. 253+45.70 TO STA. 1029+08.60

NOTE: SEE TYPICAL STRIPING DETAILS FOR PAVEMENT MARKINGS

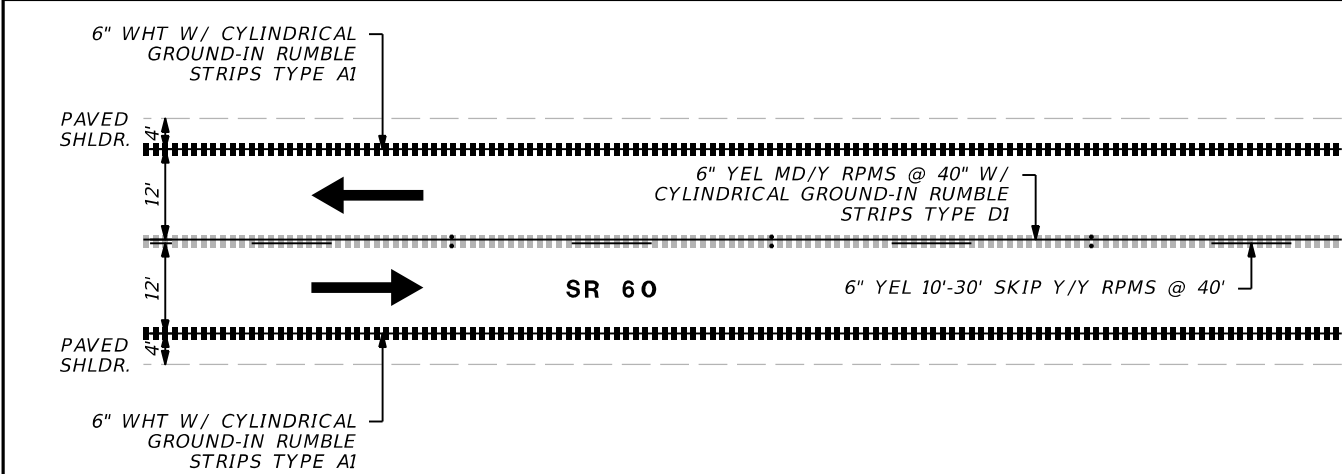
TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 8,800  
ESTIMATED OPENING YEAR = 2026 AADT = 9,600  
ESTIMATED DESIGN YEAR = 2046 AADT = 12,500  
K = 9.5% D = 50.47% T = 34.11% (24 HOUR)  
DESIGN HOUR T = 17.05 %  
DESIGN SPEED = 60 MPH

REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAIL (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		4
					SR 60	OSCEOLA	445697-1-52-01		



REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAIL (2)		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION							ROAD NO.

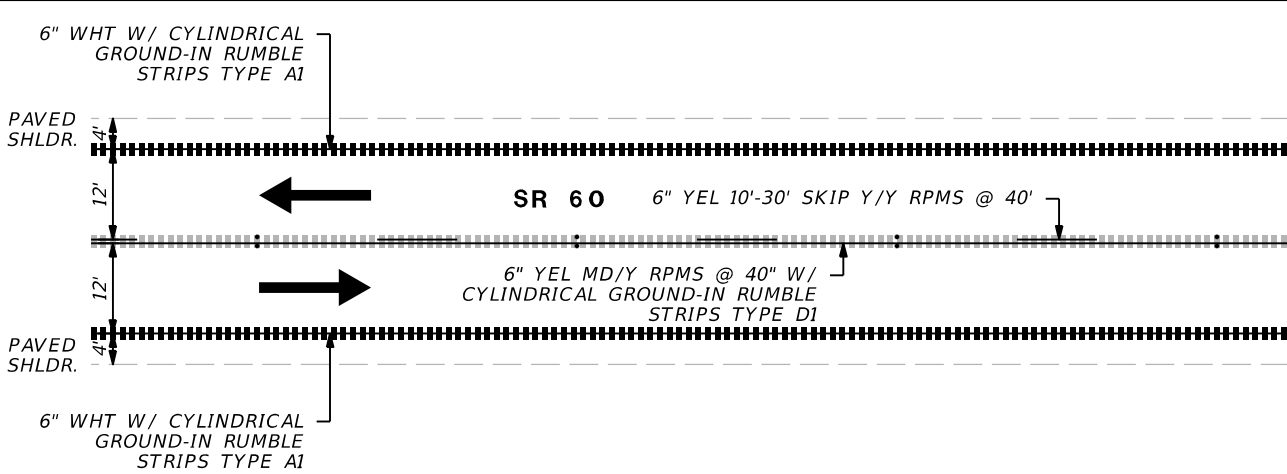


TYPICAL STRIPING DETAIL 3

N.T.S.

EB PASSING ZONE

STATION TO STATION
452+63 to 460+79
880+74 to 888+58

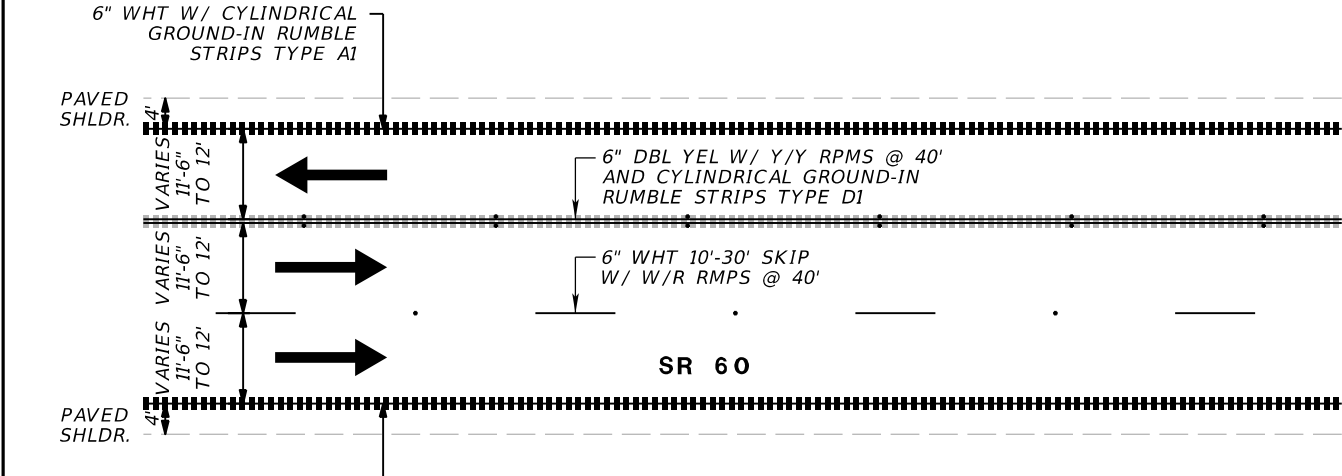


TYPICAL STRIPING DETAIL 4

N.T.S.

WB PASSING ZONE

STATION TO STATION
442+63 to 450+79
674+77 to 680+74
866+82 to 874+67

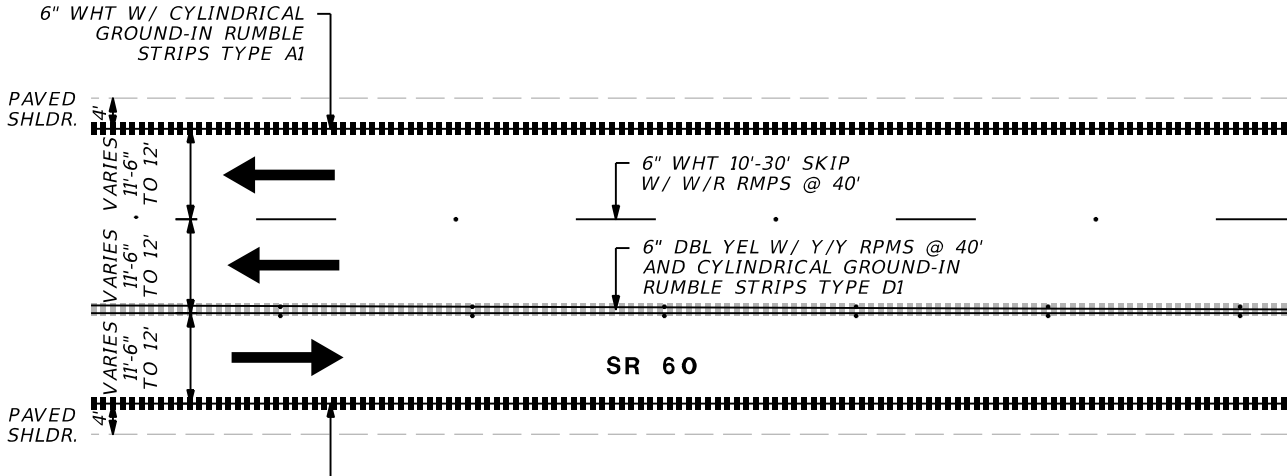


TYPICAL STRIPING DETAIL 5

N.T.S.

EB PASSING LANE

STATION TO STATION
697+27 to 739+19



TYPICAL STRIPING DETAIL 6

N.T.S.

WB PASSING LANE

STATION TO STATION
795+31 to 837+41

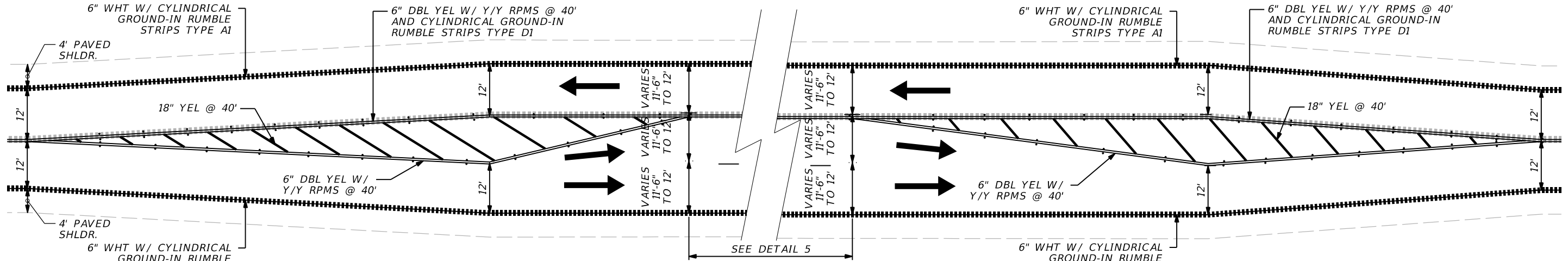
LEGEND:

CENTERLINE GROUND-IN RUMBLE STRIPS

EDGE LINE GROUND-IN RUMBLE STRIPS

DIRECTION OF TRAVEL

REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAIL (3)		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					SR 60	OSCEOLA	445697-1-52-01			6



TYPICAL STRIPING DETAIL 7

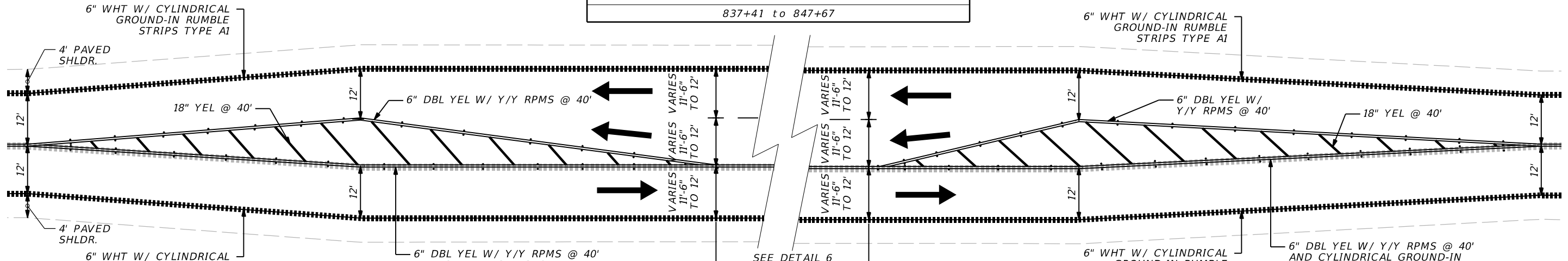
N.T.S.

EB PASSING LANE

STATION TO STATION

779+30 to 795+31

837+41 to 847+67



TYPICAL STRIPING DETAIL 8

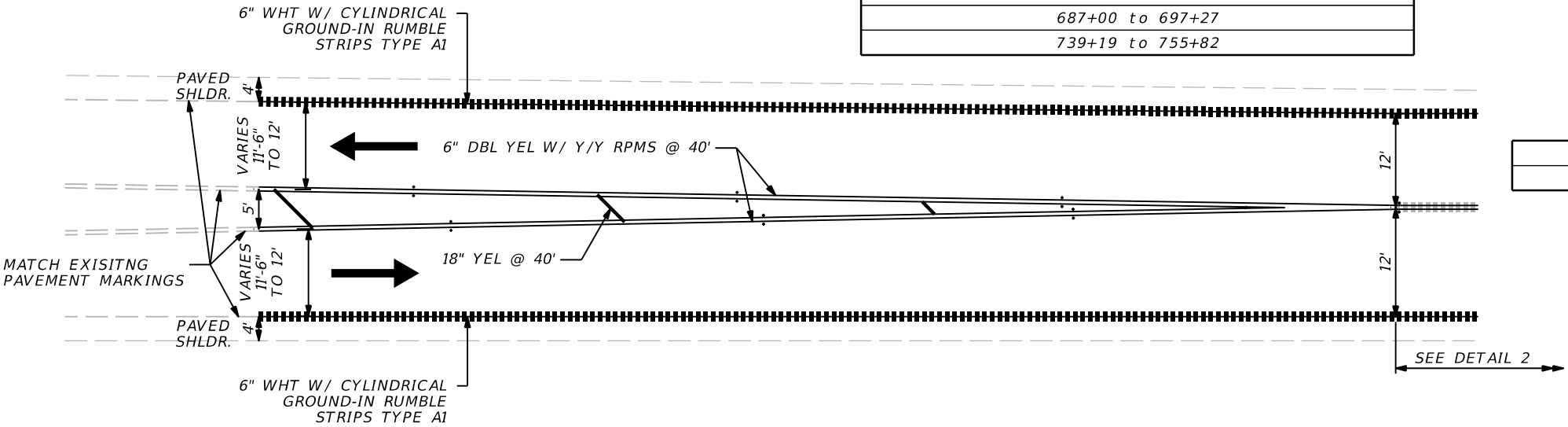
N.T.S.

WB PASSING LANE

STATION TO STATION

687+00 to 697+27

739+19 to 755+82



TYPICAL STRIPING DETAIL 9

N.T.S.

STATION TO STATION

253+45.70 to 254+91.00

LEGEND:

—————

CENTERLINE GROUND-IN

RUMBLE STRIPS

—————

EDGE LINE GROUND-IN

RUMBLE STRIPS

—————

DIRECTION OF TRAVEL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

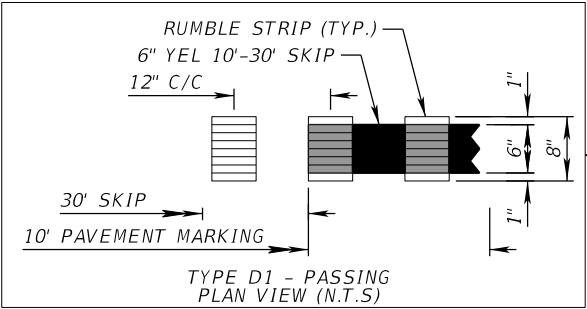
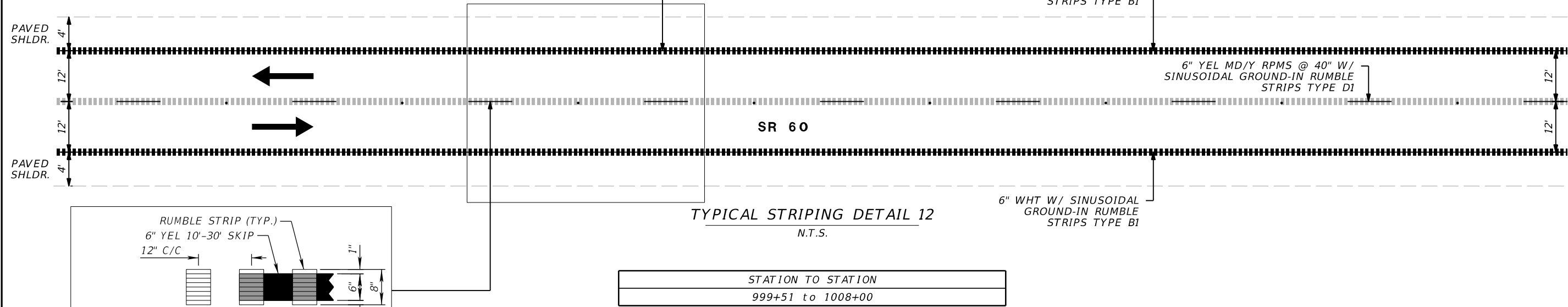
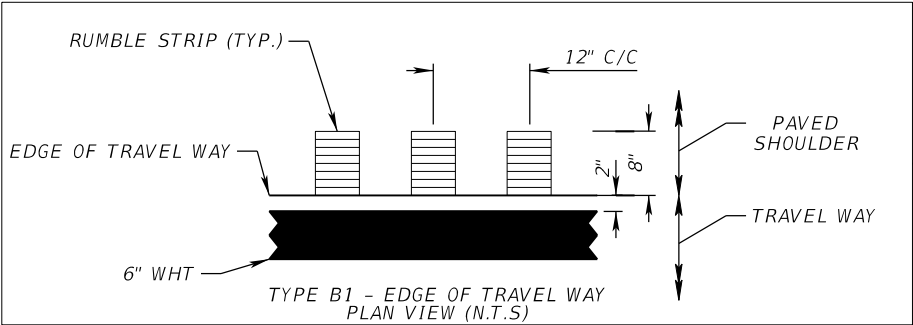
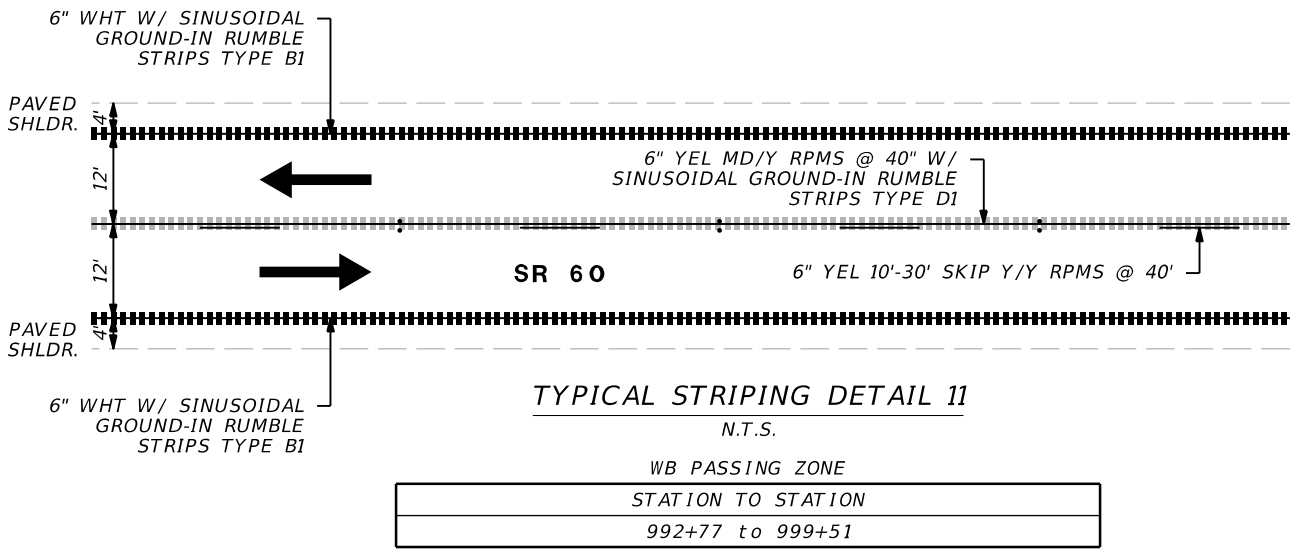
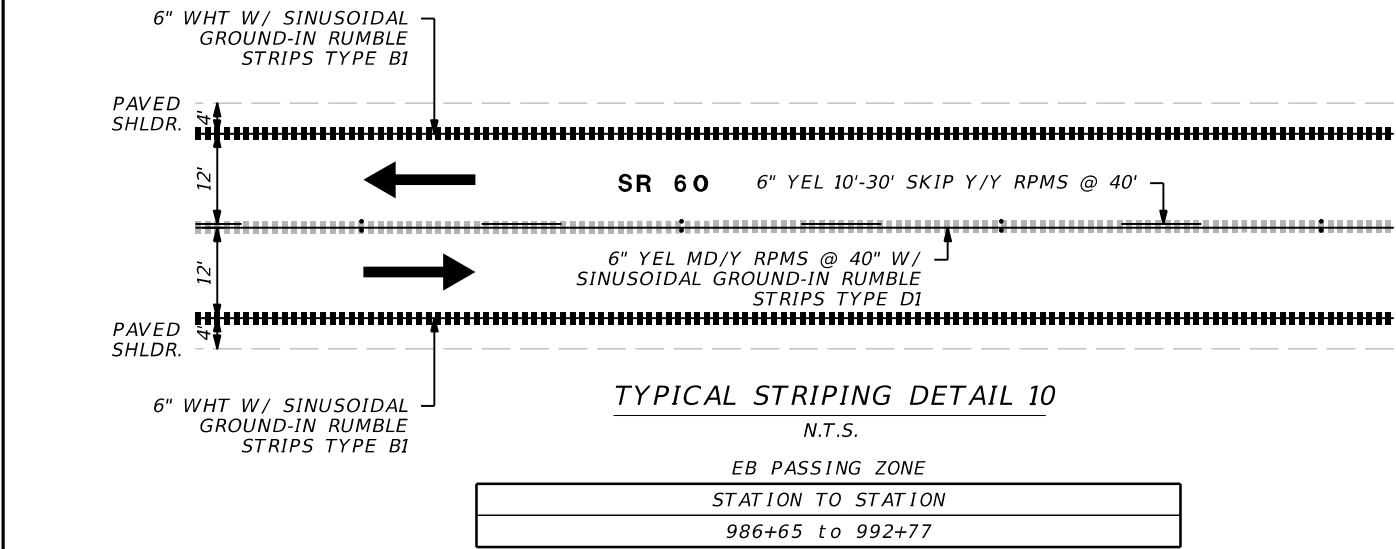
MICHAEL J. FURY, P.E.  
P.E. LICENSE NUMBER 86909  
PATEL, GREENE & ASSOCIATES, LLC  
12570 TELECOM DRIVE  
TEMPLE TERRACE, FL 33637

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 60	OSCEOLA	445697-1-52-01

TYPICAL SECTION DETAIL (4)	
7	

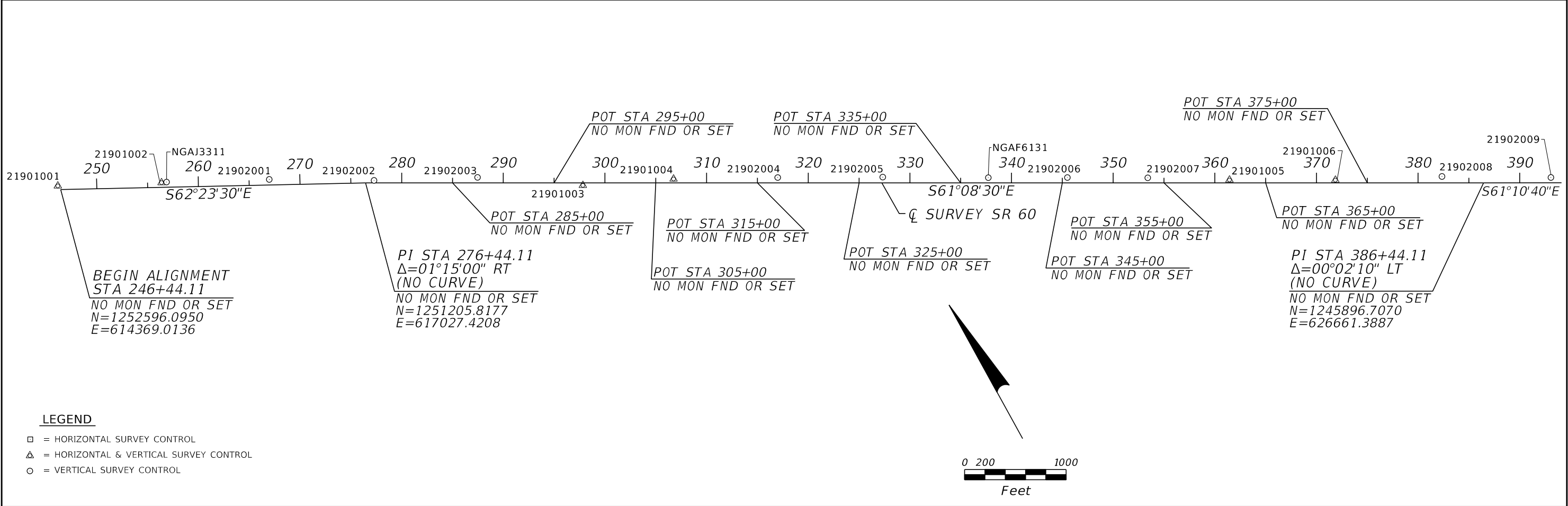
SHEET NO.
7





- LEGEND:
- CENTERLINE GROUND-IN RUMBLE STRIPS
  - EDGE LINE GROUND-IN RUMBLE STRIPS
  - DIRECTION OF TRAVEL

REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAIL (5)		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
					SR 60	OSCEOLA	445697-1-52-01			8



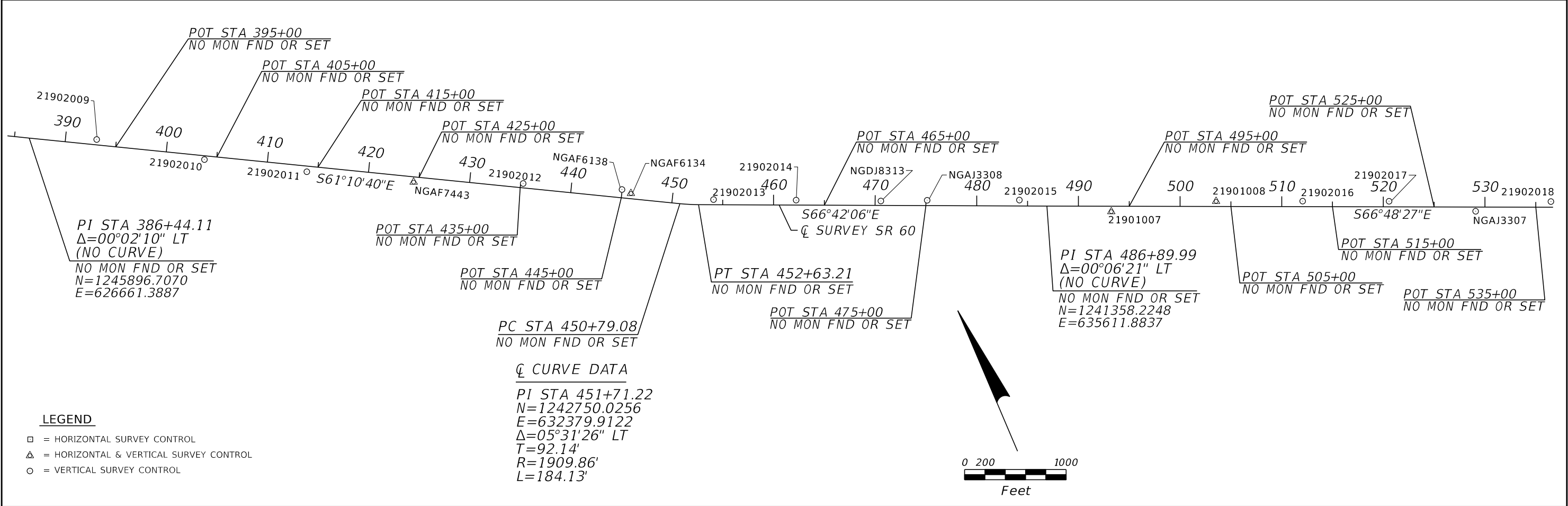
HORIZONTAL AND VERTICAL CONTROL

1. ANY PROJECT CONTROL MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A MONUMENT IS IN DANGER OF BEING DESTROYED THE PROJECT ADMINISTRATOR SHOULD NOTIFY THE DISTRICT SURVEYOR AND MAPPER, WITHOUT DELAY, BY TELEPHONE AT (386)-943-5116 OR BY E-MAIL AT John.Cheney@dot.state.fl.us.
2. THE BEARINGS AND COORDINATES SHOWN HEREON ARE BASED UPON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, 1983 NORTH AMERICAN DATUM, 2011 ADJUSTMENT, PER FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT PRIMARY HORIZONTAL CONTROL NETWORK (PPHCN) 21901.
3. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, PER PER FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT PRIMARY VERTICAL CONTROL NETWORK (PPHCN) 21902.
4. THE OFFICIAL SOURCE OF ALL SURVEY CONTROL SHOWN HEREON ARE THE PNC DATASHEETS, ON FILE IN THE FDOT DISTRICT FIVE OFFICE.
5. HORIZONTAL POSITION INFORMATION FOR VERTICAL CONTROL, IF SHOWN TO THE NEAREST FOOT (0.1') FOR STATION, OFFSET & COORDINATE POSITIONS ARE FOR RECON PURPOSES ONLY AND ARE NOT INTENDED FOR USE AS HORIZONTAL CONTROL.
6. THE CENTERLINE AND CENTERLINE REFERENCE POINTS SHOWN HEREON ARE TAKEN FROM FDOT RIGHT OF WAY CONTROL SURVEY, SECTION 92070, FP No 443702-1.
7. ALL DATA SHOWN HEREON IS EXPRESSED IN UNITS OF US SURVEY FEET.

STATION NAME	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
21901001	OFF CHAIN	OFF CHAIN	59.136	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 001"	1252640.9937	614361.8202	27°46'46.97687"	81°07'45.44082"	0.9999432
21901002	256+37.90	46.19' LT	59.368	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 002"	1252176.4756	615271.0510	27°46'42.38639"	81°07'35.31245"	0.9999431
NGAJ3311	256+87	51' LT	59.317	1/2" SS ROD IN PVC SLEEVE W/ CONC COLLAR & NGS LOGO CAP "X 485 1999"	1252158	615317	N/A	N/A	N/A
21902001	266+99	54' LT	57.989	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 001"	1251692	616215	N/A	N/A	N/A
21902002	277+28	24' LT	66.648	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 002"	1251186	617112	N/A	N/A	N/A
21902003	287+47	54' LT	57.397	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 003"	1250721	618019	N/A	N/A	N/A
21901003	297+82.52	24.49' RT	60.573	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 003"	1250152.2753	618888.4564	27°46'22.37713"	81°06'55.01691"	0.9999428
21901004	306+74.54	38.48' LT	62.448	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 004"	1249776.8909	619700.0946	27°46'18.66737"	81°06'45.97715"	0.9999427
21902004	317+00	53' LT	62.637	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 004"	1249295	620605	N/A	N/A	N/A
21902005	327+33	56' LT	63.189	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 005"	1248799	621512	N/A	N/A	N/A
NGAF6131	337+71	51' LT	65.265	PMON W/ 3.5" USC&GS BRASS DISK "N197 1960"	1248293	622418	N/A	N/A	N/A
21902006	345+50	53' LT	64.363	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 006"	1247919	623101	N/A	N/A	N/A
21902007	353+41	50' LT	64.817	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 007"	1247535	623792	N/A	N/A	N/A
21901005	361+44.08	28.62' LT	65.588	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 005"	1247128.4014	624485.6323	27°45'52.48150"	81°05'52.67702"	0.9999423
21901006	371+86.01	27.50' LT	65.829	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 006"	1246624.5350	625397.6377	27°45'47.49908"	81°05'42.52014"	0.9999423
21902008	382+35	63' LT	64.067	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 008"	1246149	626333	N/A	N/A	N/A
21902009	393+07	53' LT	66.752	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 009"	1245623	627267	N/A	N/A	N/A

REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL (1)	SHEET NO.
DATE	DESCRIPTION		DATE		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		9

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



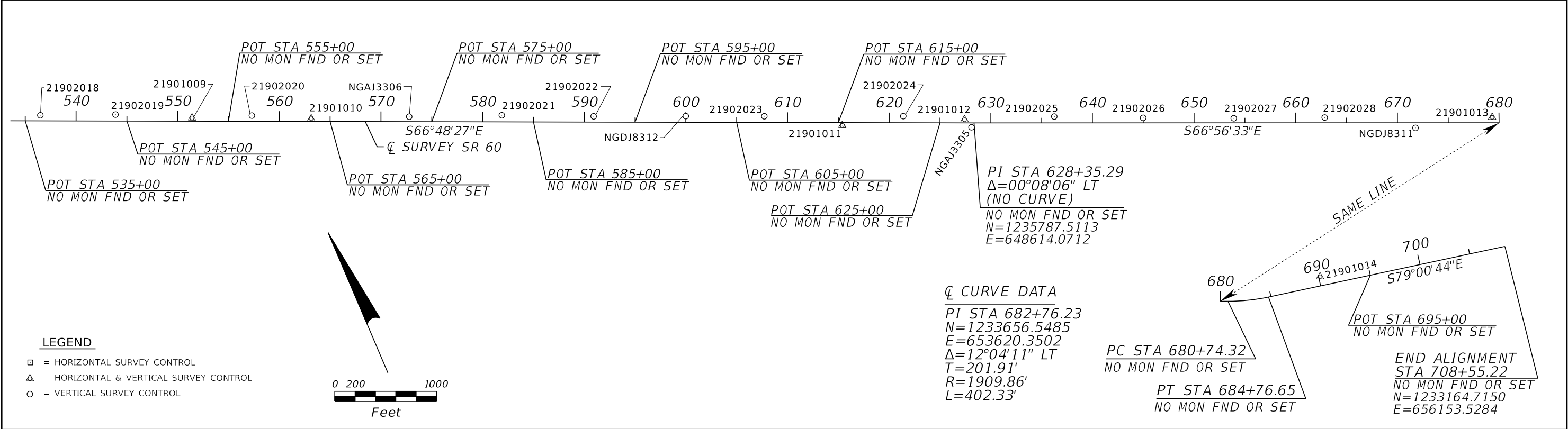
HORIZONTAL AND VERTICAL CONTROL

1. ANY PROJECT CONTROL MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A MONUMENT IS IN DANGER OF BEING DESTROYED THE PROJECT ADMINISTRATOR SHOULD NOTIFY THE DISTRICT SURVEYOR AND MAPPER, WITHOUT DELAY, BY TELEPHONE AT (386)-943-5116 OR BY E-MAIL AT John.Cheney@dot.state.fl.us.
2. THE BEARINGS AND COORDINATES SHOWN HEREON ARE BASED UPON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, 1983 NORTH AMERICAN DATUM, 2011 ADJUSTMENT, PER FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT PRIMARY HORIZONTAL CONTROL NETWORK (PPHCN) 21901.
3. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, PER PER FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT PRIMARY VERTICAL CONTROL NETWORK (PPHCN) 21902.
4. THE OFFICIAL SOURCE OF ALL SURVEY CONTROL SHOWN HEREON ARE THE PNC DATASHEETS, ON FILE IN THE FDOT DISTRICT FIVE OFFICE.
5. HORIZONTAL POSITION INFORMATION FOR VERTICAL CONTROL, IF SHOWN TO THE NEAREST FOOT (0.1') FOR STATION, OFFSET & COORDINATE POSITIONS ARE FOR RECON PURPOSES ONLY AND ARE NOT INTENDED FOR USE AS HORIZONTAL CONTROL.
6. THE CENTERLINE AND CENTERLINE REFERENCE POINTS SHOWN HEREON ARE TAKEN FROM FDOT RIGHT OF WAY CONTROL SURVEY, SECTION 92070, FP No 443702-1.
7. ALL DATA SHOWN HEREON IS EXPRESSED IN UNITS OF US SURVEY FEET.

STATION NAME	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
21902009	393+07	53' LT	66.752	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 009"	1245623	627267	N/A	N/A	N/A
21902010	403+81	37' RT	67.863	3.5" FDOT BRASS DISK "D5PNC 21902 010" IN CONCRETE HEADWALL	1245027	628165	N/A	N/A	N/A
21902011	413+96	56' RT	66.191	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 011"	1244521	629045	N/A	N/A	N/A
NGAF7443	424+51.30	51.95' RT	67.342	1/2" SS ROD IN PVC SLEEVE W/ CONC COLLAR & NGS LOGO CAP "FL GPS 51 1989"	1244015.7649	629971.8949	27°45'21.69830"	81°04'51.58054"	0.9999420
21902012	435+25	43' LT	67.916	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 012"	1243581	630958	N/A	N/A	N/A
NGAF6138	444+98	82' LT	69.196	12"x12" CM W/ 3.5" USC&GS BRASS DISK "COON N03 1936"	1243146	631829	N/A	N/A	N/A
NGAF6134	445+89.69	51.88' LT	69.658	12"x12" CM W/ 3.5" USC&GS BRASS DISK "COON 1936"	1243075.8245	631895.4377	27°45'12.40266"	81°04'30.16274"	0.9999419
21902013	454+10	50' LT	70.151	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 013"	1242701	632620	N/A	N/A	N/A
21902014	462+23	48' LT	71.045	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 014"	1242378	633365	N/A	N/A	N/A
NGDJ8313	470+56	43' LT	71.295	3.5" NGS BRASS DISK "K 197 RESET 1987" IN CONCRETE HEADWALL	1242044	634129	N/A	N/A	N/A
NGAJ3308	475+12	52' LT	71.118	PMON W/ 3" FDEP BRASS DISK "J 486 2000"	1241872	634551	N/A	N/A	N/A
21902015	484+19	58' LT	71.299	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 015"	1241518	635386	N/A	N/A	N/A
21901007	493+23.77	53.37' RT	70.750	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 007"	1241059.5743	636173.4327	27°44'52.46037"	81°03'42.53318"	0.9999416
21901008	503+54.95	49.95' LT	69.437	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 008"	1240748.4450	637161.9671	27°44'49.38422"	81°03'31.52873"	0.9999416
21902016	512+06	54' LT	68.565	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 016"	1240416	637946	N/A	N/A	N/A
21902017	520+56	55' LT	67.622	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 017"	1240083	638728	N/A	N/A	N/A
NGAJ3307	529+09	42' RT	69.813	3" FDEP BRASS DISK "H 486 2000" IN CONCRETE HEADWALL	1239658	639473	N/A	N/A	N/A
21902018	536+49	55' LT	67.227	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 018"	1239456	640192	N/A	N/A	N/A

REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		10

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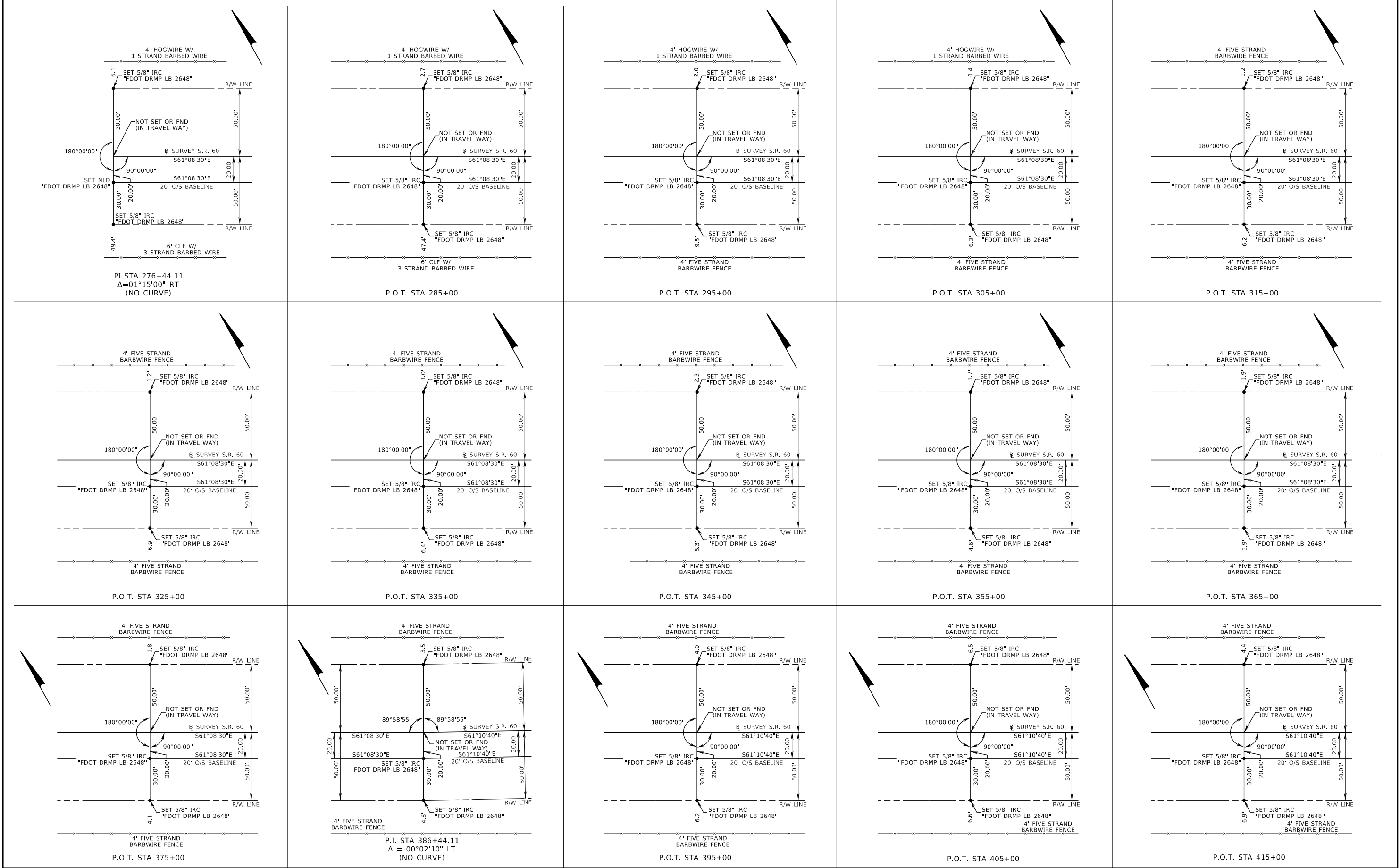
HORIZONTAL AND VERTICAL CONTROL

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3. ELEVATIONS SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, PER PER FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT PRIMARY VERTICAL CONTROL NETWORK (PPHCN) 21902.
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6. THE CENTERLINE AND CENTERLINE REFERENCE POINTS SHOWN HEREON ARE TAKEN FROM FDOT RIGHT OF WAY CONTROL SURVEY, SECTION 92070, FP No 443702-1.
7. ALL DATA SHOWN HEREON IS EXPRESSED IN UNITS OF US SURVEY FEET.

STATION NAME	℄ STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
NGAJ3307	529+09	42' RT	69.813	3" FDEP BRASS DISK "H 486 2000" IN CONCRETE HEADWALL	1239658	639473	N/A	N/A	N/A
21902018	536+49	55' LT	67.227	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 018"	1239456	640192	N/A	N/A	N/A
21902019	543+88	64' LT	67.930	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 019"	1239173	640875	N/A	N/A	N/A
21901009	551+40.65	32.25' LT	69.771	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 009"	1238847.4613	641553.9521	27°44'30.57814"	81°02'42.63670"	0.9999414
21902020	557+30	56' LT	67.615	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 020"	1238637	642105	N/A	N/A	N/A
21901010	563+13.27	26.99' LT	68.655	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 010"	1238380.8274	642629.7387	27°44'25.96107"	81°02'30.66164"	0.9999414
NGAJ3306	572+78	49' LT	67.332	3" FDEP BRASS DISK "G 486 2000" IN CONCRETE HEADWALL	1238021	643525	N/A	N/A	N/A
21902021	581+89	65' LT	66.279	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 021"	1237677	644369	N/A	N/A	N/A
21902022	590+92	56' LT	67.412	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 022"	1237314	645196	N/A	N/A	N/A
NGDJ8312	599+99	60' LT	67.149	1/2" SS ROD IN PVC SLEEVE W/ CONC COLLAR & NGS LOGO CAP "B 686 1999"	1236960	646031	N/A	N/A	N/A
21902023	607+71	61' LT	66.816	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 023"	1236657	646741	N/A	N/A	N/A
21901011	615+38.76	27.64' RT	67.942	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 011"	1236272.7118	647411.4273	27°44'05.09873	81°01'37.43783"	0.9999413
21902024	621+38	64' LT	66.389	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 024"	1236121	647999	N/A	N/A	N/A
21901012	627+41.12	31.29' LT	70.009	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 012"	1235853.3619	648539.8355	27°44'00.94842"	81°01'24.87879"	0.9999412
NGAJ3305	628+10.11	43' RT	66.781	PMON W/ 3" FDEP BRASS DISK "F 486 2000"	1235758	648574	N/A	N/A	N/A
21902025	636+24.61	62' LT	66.687	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 025"	1235535	649365	N/A	N/A	N/A
21902026	644+98.87	50' LT	67.012	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 026"	1235182	650164	N/A	N/A	N/A
21902027	653+89.68	45' LT	67.618	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 027"	1234828	650982	N/A	N/A	N/A
21902028	662+84.80	52' LT	67.184	4"x4" CM W/ 3.5" FDOT BRASS DISK "D5PNC 21902 028"	1234485	651809	N/A	N/A	N/A
NGDJ8311	671+78.14	50' RT	67.346	3" FDEP BRASS DISK "A 686 2007" IN CONCRETE HEADWALL	1234040	652590	N/A	N/A	N/A
21901013	679+31.95	53.71' LT	66.951	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 013"	1233840.8115	653324.6064	27°43'41.02537"	81°00'31.62761"	0.9999412
21901014	690+13.27	88.40' LT	66.789	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 014"	1233602.5623	654362.1919	27°43'38.66671"	81°00'20.08082"	0.9999412
21901015	OFF CHAIN	OFF CHAIN	N/A	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 015"	1232486.1902	659295.7536	27°43'27.61101"	80°59'25.17942"	0.9999412
21901016	OFF CHAIN	OFF CHAIN	N/A	4"x4" CM W/ 3.25" ALUM FDOT DISK "D5PNC 21901 016"	1232415.0352	660390.0752	27°43'26.90540"	80°59'13.00186"	0.9999412

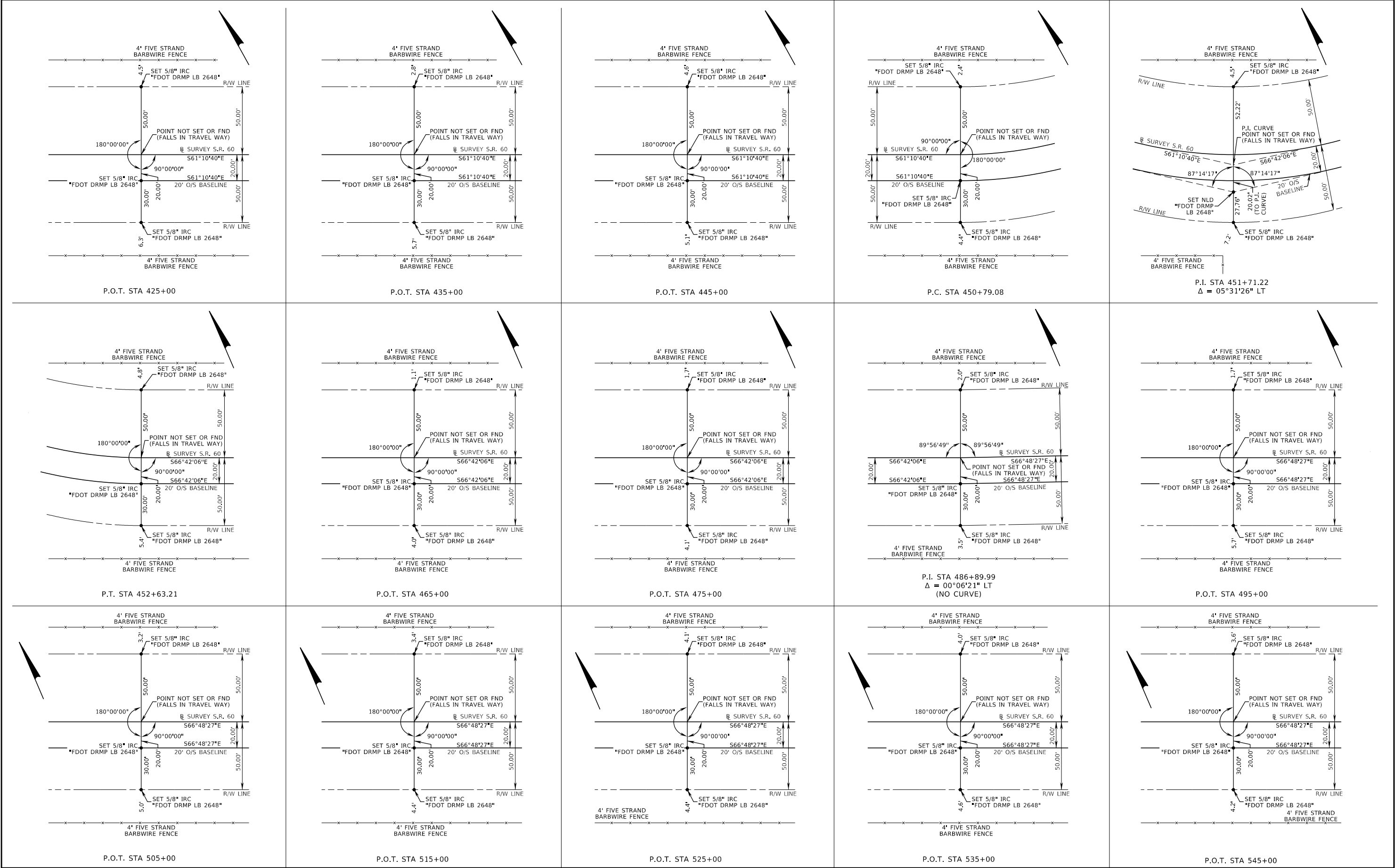
REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	4456971-52-01		11

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		12

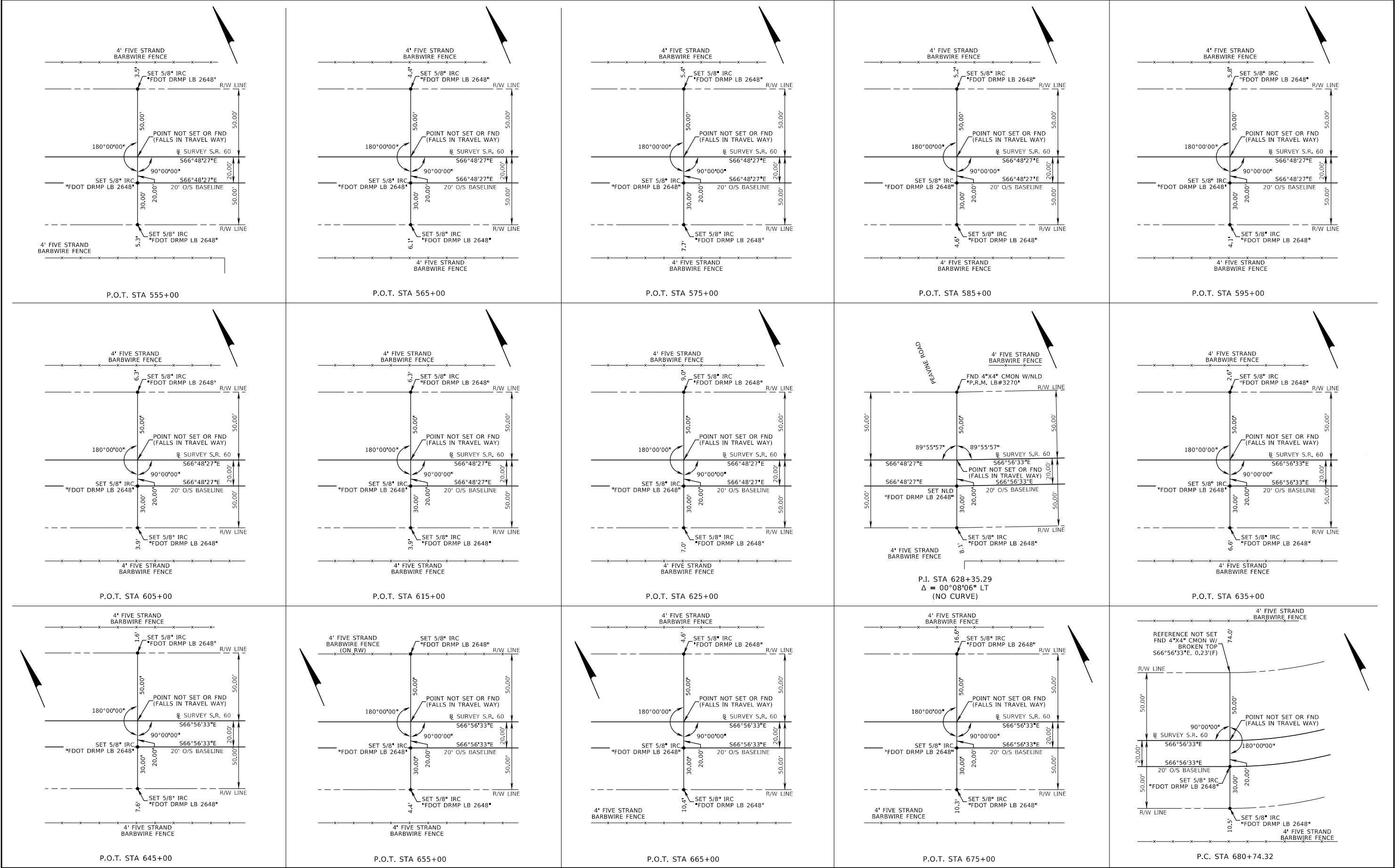
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		

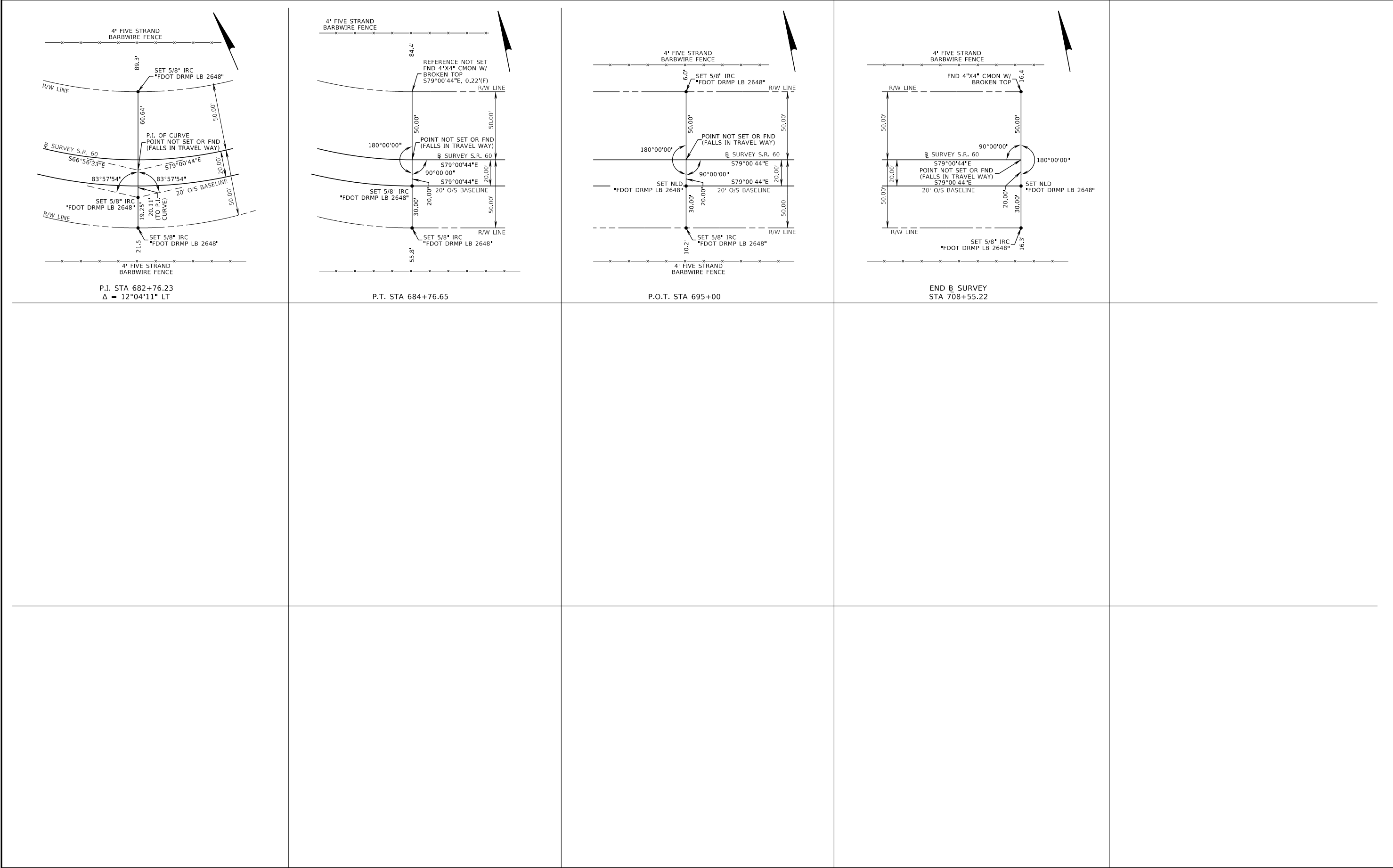
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		14

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		15

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GENERAL NOTES:

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

SCOT CARPENTER, P.S.M.  
P.S.M NO.: LS6177  
MCKIM & CREED  
505 E NEW YORK AVE #3  
DELAND, FL 32724  
CERTIFICATION OF AUTHORIZATION: LB917

SIGNING AND PAVEMENT MARKING GENERAL NOTES:

1. REMOVAL OF EXISTING THERMOPLASTIC MARKING SHALL BE PERFORMED SO THAT NO DAMAGE IS DONE TO THE EXISTING PAVEMENT.
2. THE PROPOSED PAVEMENT MARKINGS ARE INTENDED TO MATCH THE EXISTING STRIPING CONFIGURATION. ALL DIMENSIONS SHOWN IN THE PLANS ARE BASED ON APPROXIMATE FIELD MEASUREMENTS. MILE POST DESIGNATIONS REFERENCED IN THE PLANS ARE BASED ON THE FDOT STRAIGHT-LINE DIAGRAM. THE MILE POSTS HAVE BEEN FIELD VERIFIED, BUT NOT SURVEYED.
3. ALL ABBREVIATIONS CORRESPOND TO THE FOLLOWING DEFINITIONS:  
  
DBL= DOUBLE  
RPMS = RETRO-REFLECTIVE PAVEMENT MARKERS  
WHT= WHITE  
W/R= WHITE/RED  
YEL = YELLOW  
Y/Y = YELLOW/YELLOW  
MD/Y = MONO-DIRECTIONAL YELLOW
4. PAY ITEMS 700-2-14 AND 700-2-15 SHALL INCLUDE THE SIZING OF THE UPRIGHTS. SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO ORDERING. UPRIGHTS SHALL BE PLACED IN A WAY TO AVOID THE BOTTOM OF ROADSIDE SWALES.

REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		16
					SR 60	OSCEOLA	445697-1-52-01		

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GENERAL NOTES

1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH STANDARD PLANS INDEX 102-600 AND 102-603.
2. THE POSTED SPEED LIMIT FOR SR 60 IS 60 MPH. ALL EXISTING POSTED SPEEDS SHALL REMAIN UNLESS OTHERWISE INDICATED IN THE PLANS.
3. ARROWS ON THE TEMPORARY TCP DENOTE THE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS UNLESS SPECIFICALLY NOTED.
4. LANE CLOSURES ARE PERMITTED AS FOLLOWS:  
SINGLE LANE CLOSURES (3 MILE MAXIMUM LENGTH PER INDEX 102-600)  
SIGNALIZED: NO RESTRICTIONS  
UNSIGNALIZED: NO RESTRICTIONS
5. MULTIPLE FLAGGING OPERATIONS SHALL NOT BE CONDUCTED SIMULTANEOUSLY.
6. PROVIDE A TRAFFIC CONTROL OFFICER FOR EACH DIRECTION OF TRAFFIC DURING ALL LANE CLOSURES.

PCMS  
USE 14 DAYS PRIOR TO CONSTRUCTION:

CONST  
BEGINS

XX/XX/XX

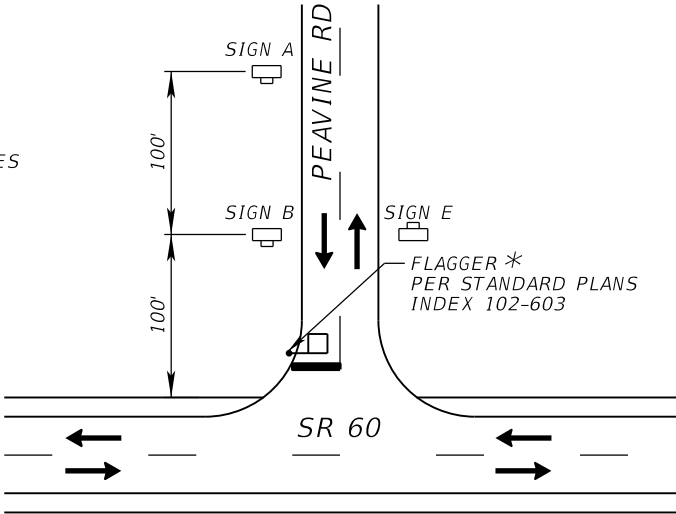
PCMS  
USE DURING LANE CLOSURE

LANE  
CLOSURE  
AHEAD

EXPECT  
DELAYS

PROVIDE PORTABLE CHANGEABLE MESSAGE SIGN (PCMS), (1 WB AND 1 EB WHERE APPLICABLE) AT LEAST 500 FEET IN ADVANCE OF THE BEGIN/END PROJECT OR IN ACCORDANCE WITH THE ADVANCED WARNING LAYOUT DETAIL AND FOR THE DURATION OF CONSTRUCTION. THE PURPOSE OF THESE SIGNS IS TO PROVIDE ADVANCE NOTIFICATION OF UPCOMING LANE CLOSURES.

\* PROVIDE FLAGGER DURING LANE CLOSURES



PEAVINE RD  
ADVANCE WARNING LAYOUT DETAIL  
N.T.S.

LEGEND

WORK ZONE SIGN

LANE IDENTIFICATION AND DIRECTION OF TRAFFIC

PORTABLE CHANGEABLE MESSAGE SIGN

CHANNELIZING DEVICE

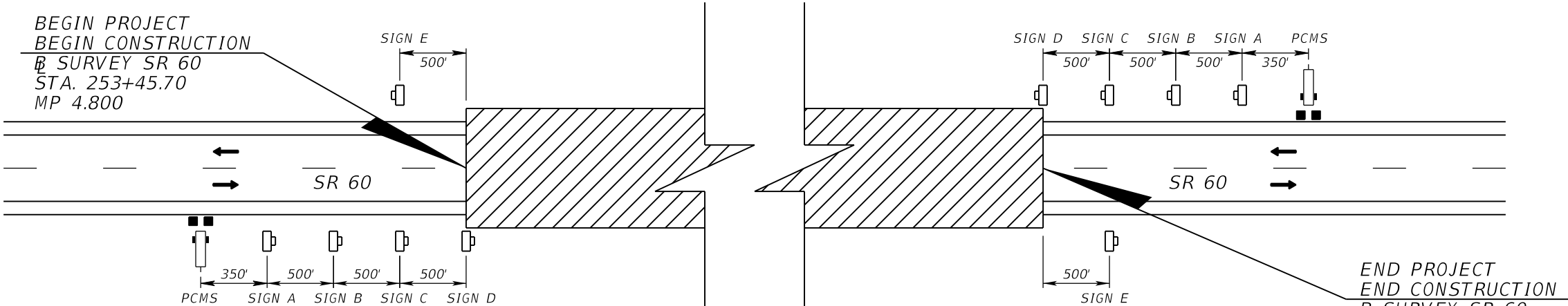
SIGN A

SIGN B

SIGN C

SIGN D

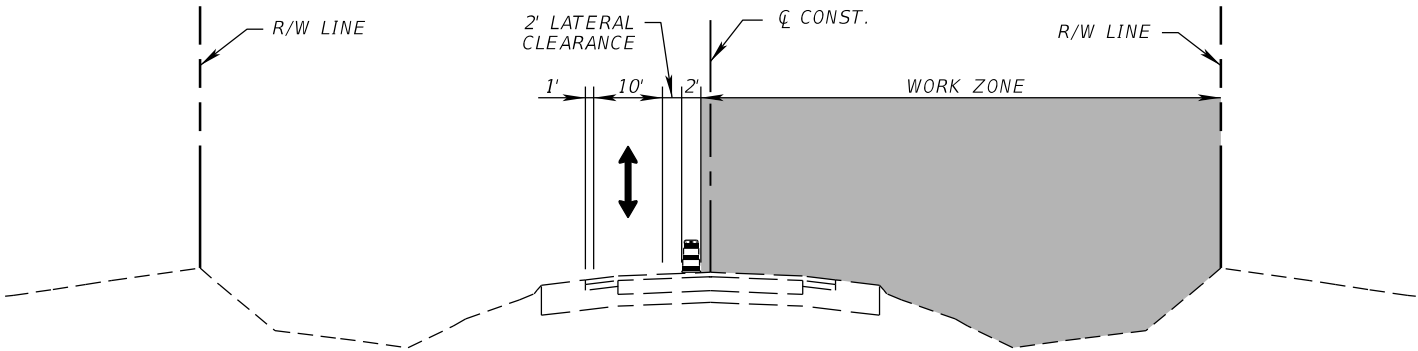
SIGN E



ADVANCE WARNING SIGN DETAIL  
N.T.S.

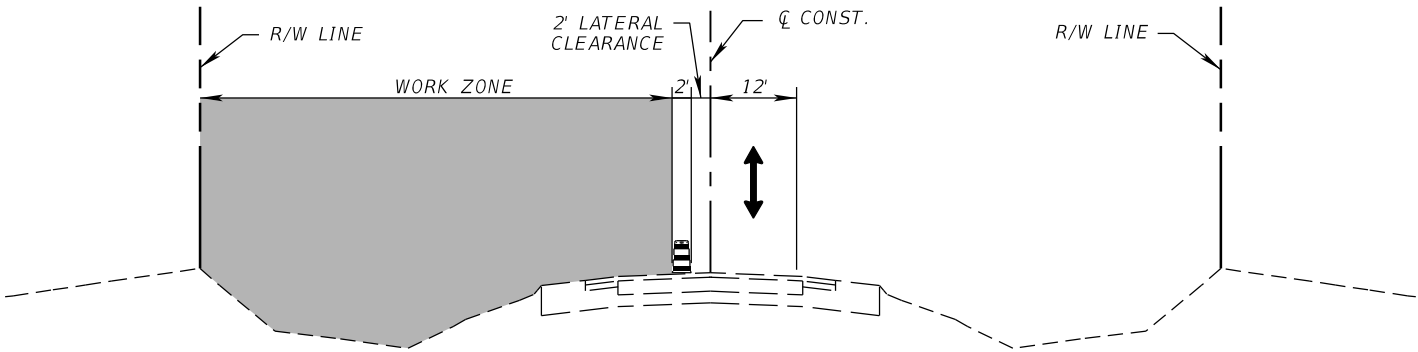
GENERAL NOTES

REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		17
					SR 60	OSCEOLA	445697-1-52-01		



PHASE I TYPICAL SECTION

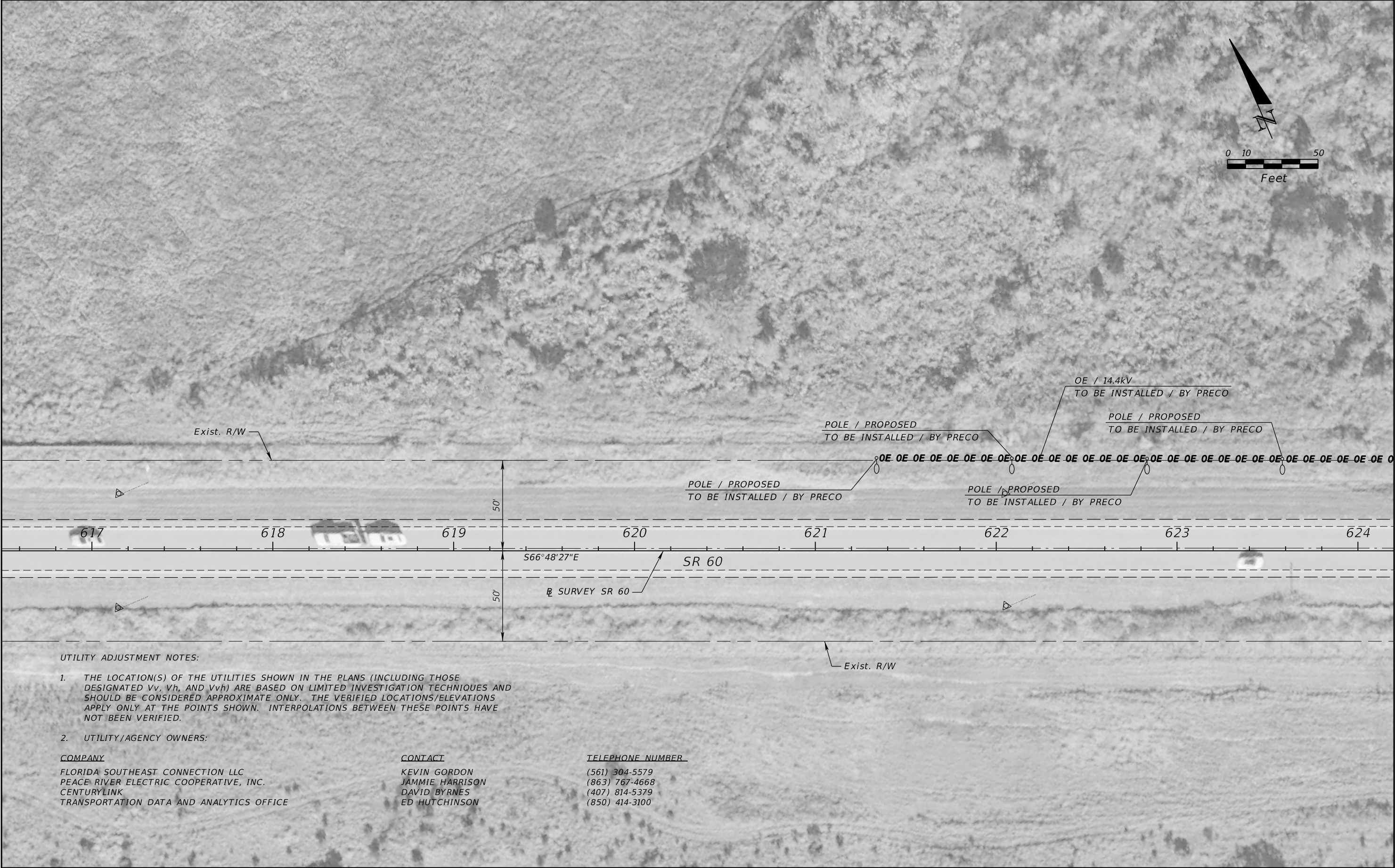
- TCP PHASING NOTES
- PHASE I
1. INSTALL TEMPORARY TRAFFIC CONTROL ADVANCE WARNING SIGNS AND WORK ZONE SIGNS IN ACCORDANCE WITH STANDARD PLANS INDEX 102-600 AND 102-603 TO CLOSE THE EB LANE AND SHOULDER OF SR 60.
  2. ESTABLISH WORK ZONE IN EB DIRECTION IN ACCORDANCE WITH STANDARD PLANS INDEX 102-600 AND 102-603.
  3. INSTALL AUDIBLE AND PAINTED PAVEMENT MARKINGS WITHIN THE WORK ZONE INCLUDING DOUBLE YELLOW CENTERLINE AND 10'-30' YELLOW SKIP CENTERLINE AS INDICATED IN THE PLANS.
  4. RESTORE TRAFFIC TO ALL TRAVEL LANES.



PHASE II TYPICAL SECTION

- PHASE II
1. INSTALL TEMPORARY TRAFFIC CONTROL ADVANCE WARNING SIGNS AND WORK ZONE SIGNS IN ACCORDANCE WITH STANDARD PLANS INDEX 102-600 AND 102-603 TO CLOSE THE WB LANE AND SHOULDER OF SR 60.
  2. ESTABLISH WORK ZONE IN WB DIRECTION IN ACCORDANCE WITH STANDARD PLANS INDEX 102-600 AND 102-603.
  3. INSTALL AUDIBLE AND PAINTED PAVEMENT MARKINGS WITHIN THE WORK ZONE.
  4. RESTORE TRAFFIC TO ALL TRAVEL LANES.

REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01	18	



UTILITY ADJUSTMENT NOTES:

- 1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- 2. UTILITY/AGENCY OWNERS:

COMPANY

FLORIDA SOUTHEAST CONNECTION LLC  
PEACE RIVER ELECTRIC COOPERATIVE, INC.  
CENTURYLINK  
TRANSPORTATION DATA AND ANALYTICS OFFICE

CONTACT

KEVIN GORDON  
JAMMIE HARRISON  
DAVID BYRNES  
ED HUTCHINSON

TELEPHONE NUMBER

(561) 304-5579  
(863) 767-4668  
(407) 814-5379  
(850) 414-3100

REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		19
					SR 60	OSCEOLA	445697-1-52-01		

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REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		20

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REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		21

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TABULATION OF QUANTITIES

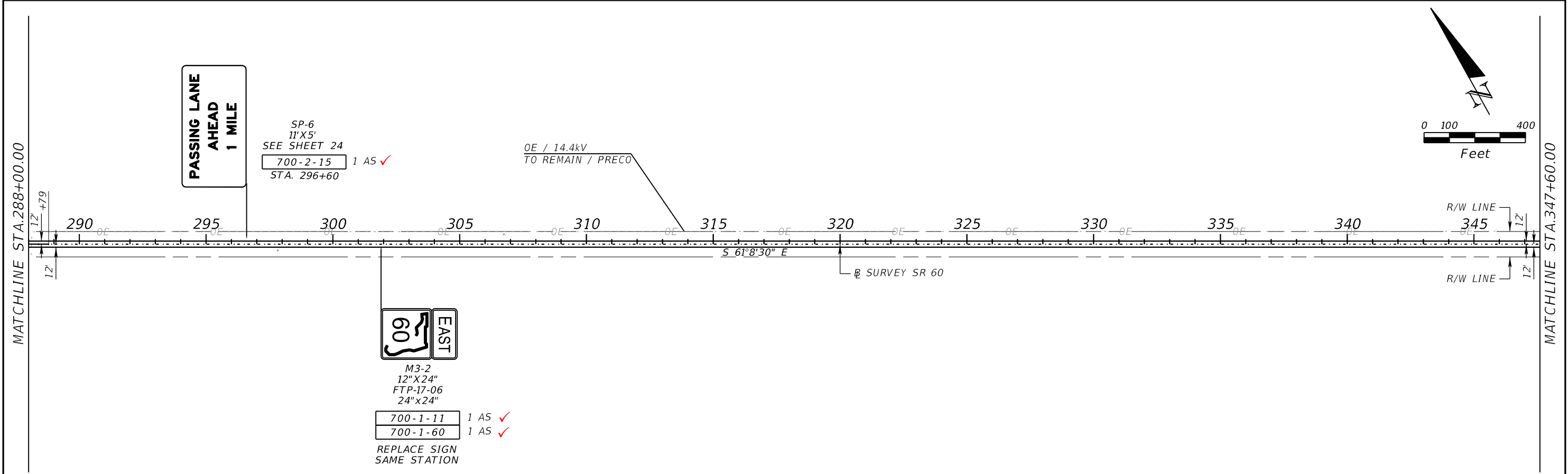
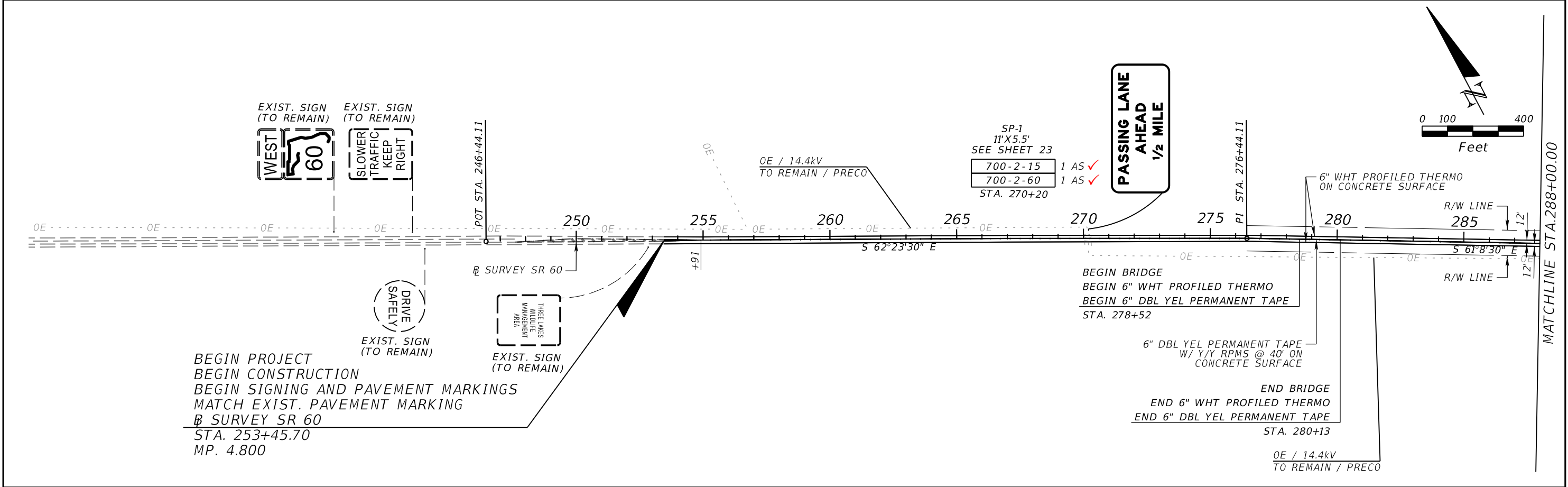
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			16		17		18		19		20		21		22					
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
546-72-2	GROUND-IN RUMBLE STRIPS, 8" CYLINDRICAL	GM	4.456	✓	5.336	✓	5.080	✓	5.584	✓	6.153	✓	5.613	✓	3.164	✓	35.386	✓	35.386	✓
546-72-3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM													0.809	✓	0.809	✓	0.809	✓
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	1	1	4	4			4	4	10	10	3	3	5	5	27	27	27	27
700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS			2	2			11	11	5	5	4	4	8	8	30	30	30	30
700-1-60	SINGLE POST SIGN, REMOVE	AS	1	1	3	3			9	9	13	13	7	7	13	13	46	46	46	46
700-2-14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS													1	1	1	1	1	1
700-2-15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	2	2	1	1			3	3			3	3			9	9	9	9
700-2-60	MULTI- POST SIGN, REMOVE	AS	1	1	1	1	1	1					1	1	2	2	6	6	6	6
701-17-101	PROFILED THERMOPLASTIC, STANDARD- CONCRETE SURFACES, WHITE, SOLID, 6"	GM	0.061	✓													0.061	✓	0.061	.061
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	326	✓	348	✓	298	✓	498	✓	878	✓	512	✓	258	✓	3,118	✓	3,118	5,707
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS																	1	1
*	STANDARD, WHITE, SOLID, 6"	GM	3.566	✓	4.515	✓	4.515	✓	4.515	✓	4.515	✓	4.515	✓	3.338	✓	29.479	✓	29.479	✓
*	STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM							0.152	✓	0.932	✓	0.250	✓			1.334	✓	1.334	✓
*	STANDARD, WHITE, MESSAGE OR SYMBOL (MERGE)	EA									8	✓					8	✓	8	✓
*	STANDARD, WHITE, ARROWS (MERGE)	EA									8	✓					8	✓	8	✓
*	STANDARD, YELLOW, SOLID, 6"	GM	1.388	✓	0.379	✓			2.177	✓	5.735	✓	2.022	✓	0.430	✓	12.131	✓	12.131	✓
*	STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	15	✓					288	✓	839	✓	264	✓			1,406	✓	1,406	✓
*	STANDARD, YELLOW, SKIP, 6"	GM	1.114	✓	2.227	✓	2.258	✓	1.399	✓			1.576	✓	1.102	✓	9.676	✓	9.676	✓
*	STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM							0.030	✓							0.030	✓	0.030	✓
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL (MERGE)	EA									8	✓					8	✓	8	8
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW (MERGE)	EA									8	✓					8	✓	8	8
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRONS	LF	15	✓					288	✓	839	✓	264	✓			1,406	✓	1,406	1,406
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM							0.030	✓							0.030	✓	0.030	.030
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	3.566	✓	4.515	✓	4.515	✓	4.515	✓	4.515	✓	4.515	✓	3.338	✓	29.479	✓	29.479	29,550
711-16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM							0.152	✓	0.932	✓	0.250	✓			1.334	✓	1.334	1,610
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.388	✓	0.379	✓			2.177	✓	5.735	✓	2.022	✓	0.430	✓	12.131	✓	12.131	12,131
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	1.114	✓	2.227	✓	2.258	✓	1.399	✓			1.576	✓	1.102	✓	9.676	✓	9.676	10,690
711-17-1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	13,201	✓	13,117	✓	12,119	✓	18,246	✓	28,947	✓	17,818	✓	10,046	✓	113,494	✓	113,494	113,494
713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.061	✓													0.061	✓	0.061	.061

\* THESE QUANTITIES ARE PAID FOR UNDER PAINTED PAVEMENT MARKINGS (FINAL SURFACE), LUMP SUM - ITEM NO. 710-90. THE QUANTITIES SHOWN ARE FOR ONE APPLICATION; SEE SPECIFICATION 710 FOR THE NUMBER OF APPLICATIONS REQUIRED.

EDMS NO. 1594736 STRIPING SUMMARY  
EDMS NO. 1594189 SIGN SITE SOURCE RECORDS  
EDMS NO. 1594739 PAY ITEM NO. 0706 1 3; OVERRUN

REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		22

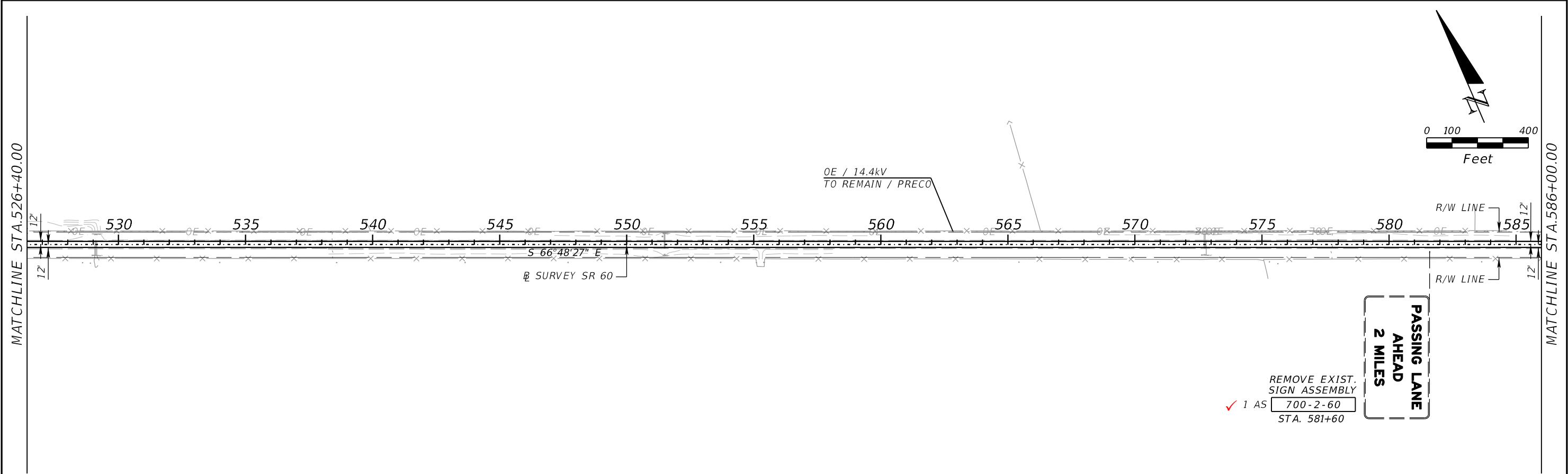
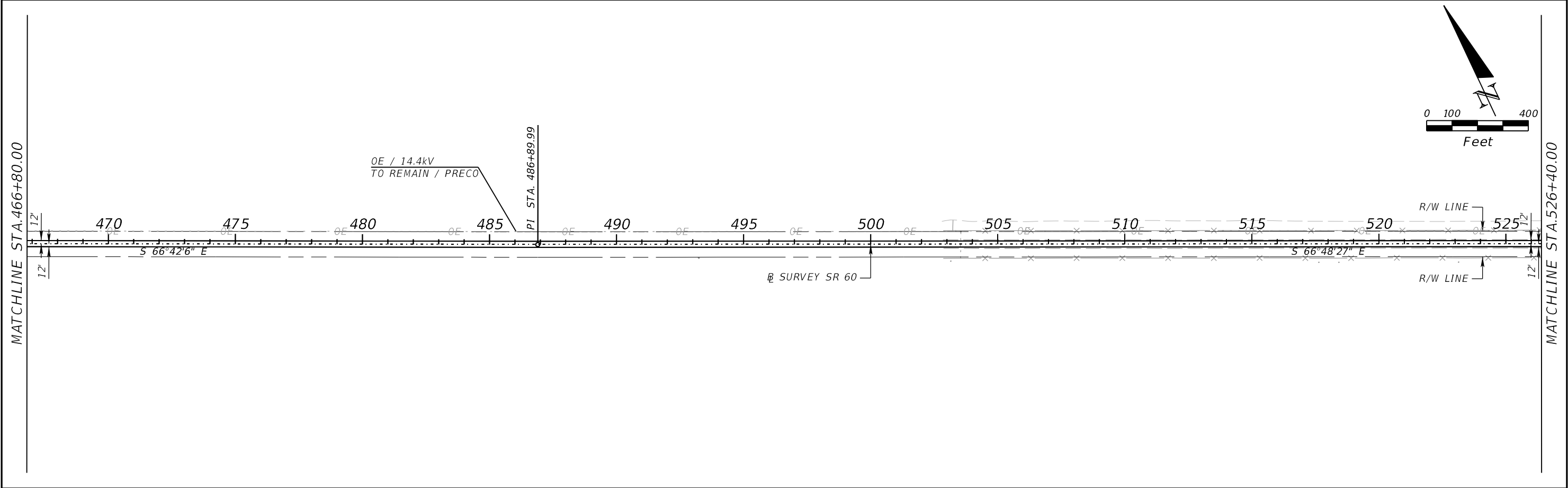
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REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		23

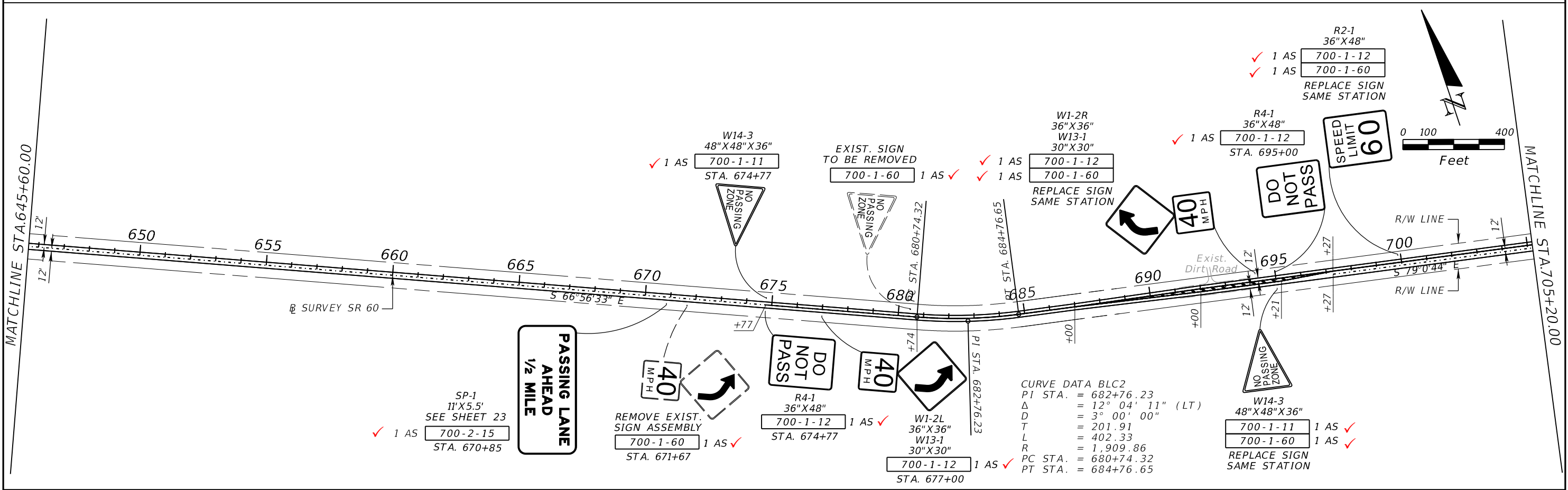
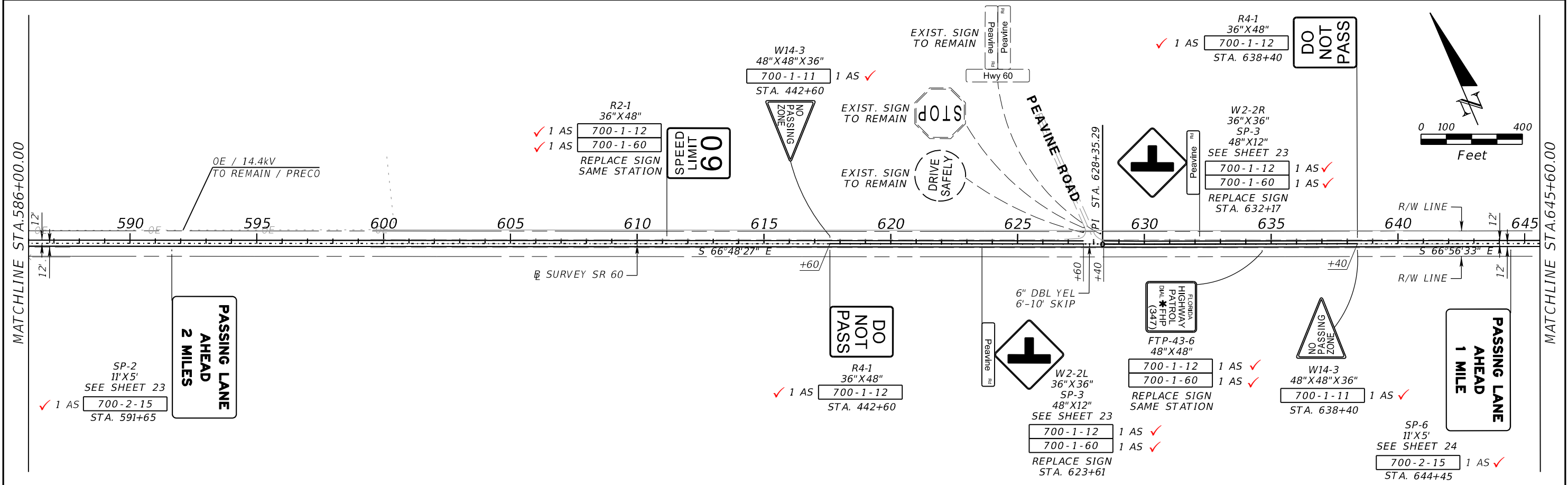






REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						ROAD NO.
					SR 60	OSCEOLA	445697-1-52-01		





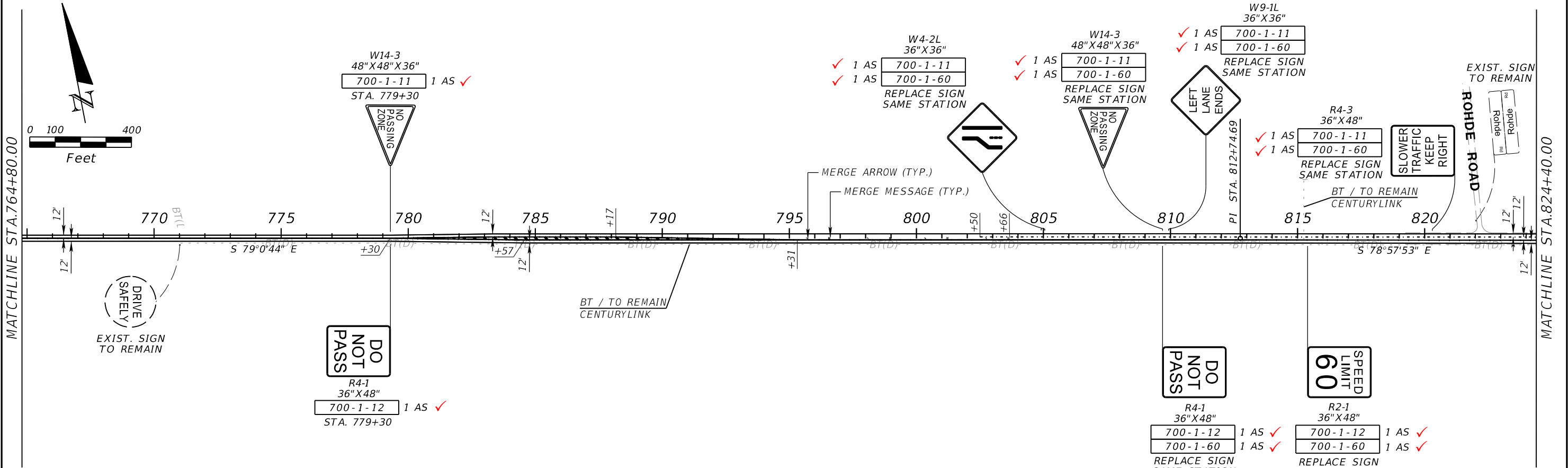
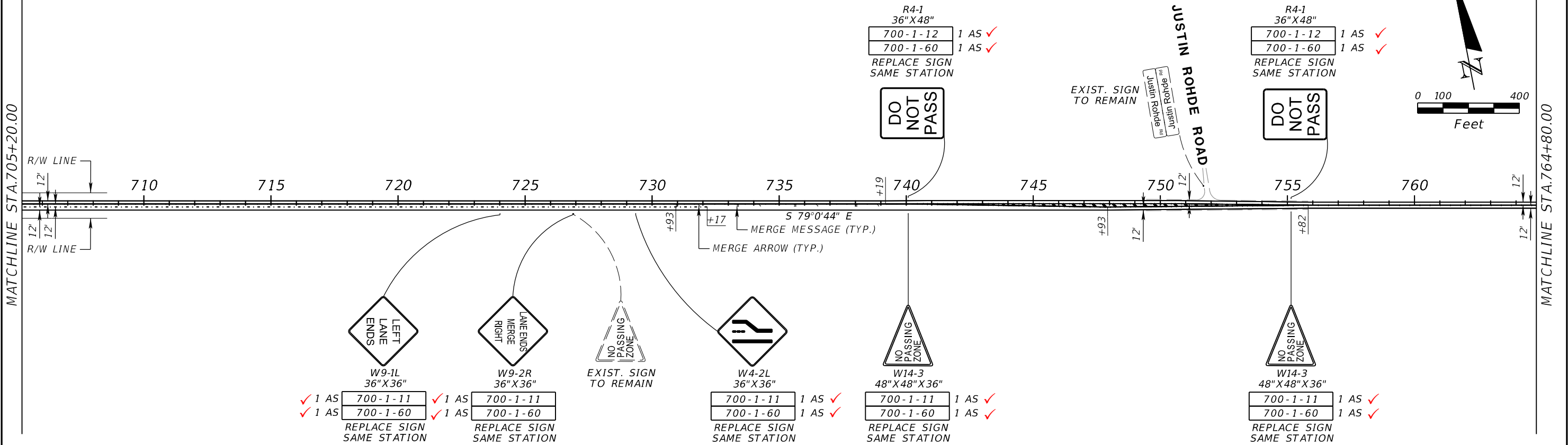
REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN (4)	SHEET NO.  26
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		

MATCHLINE STA.705+20.00

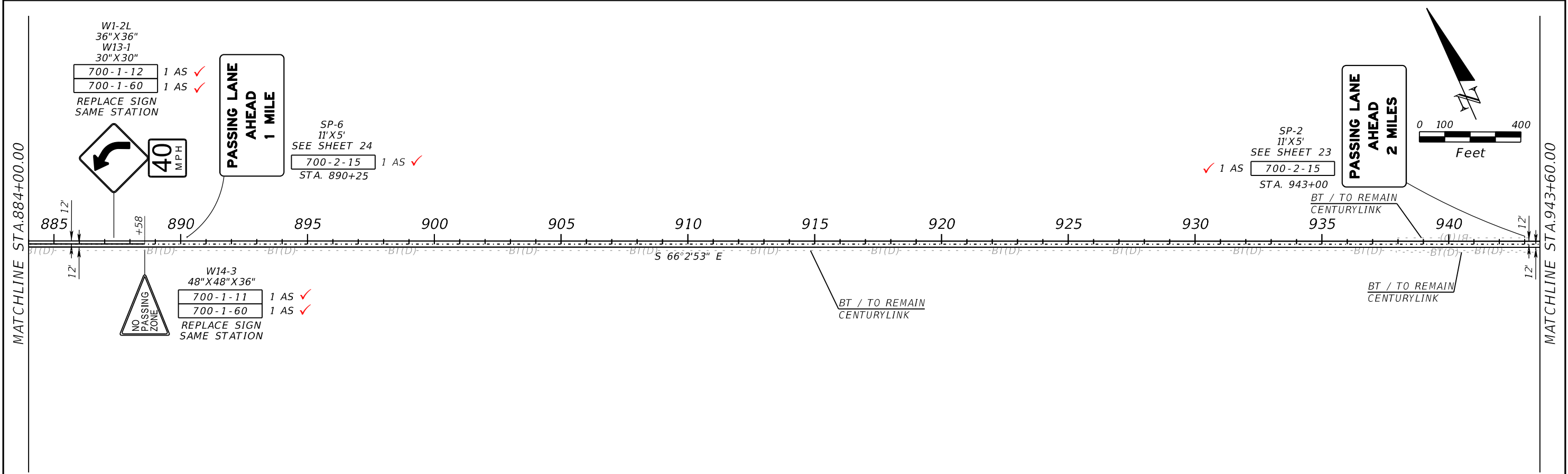
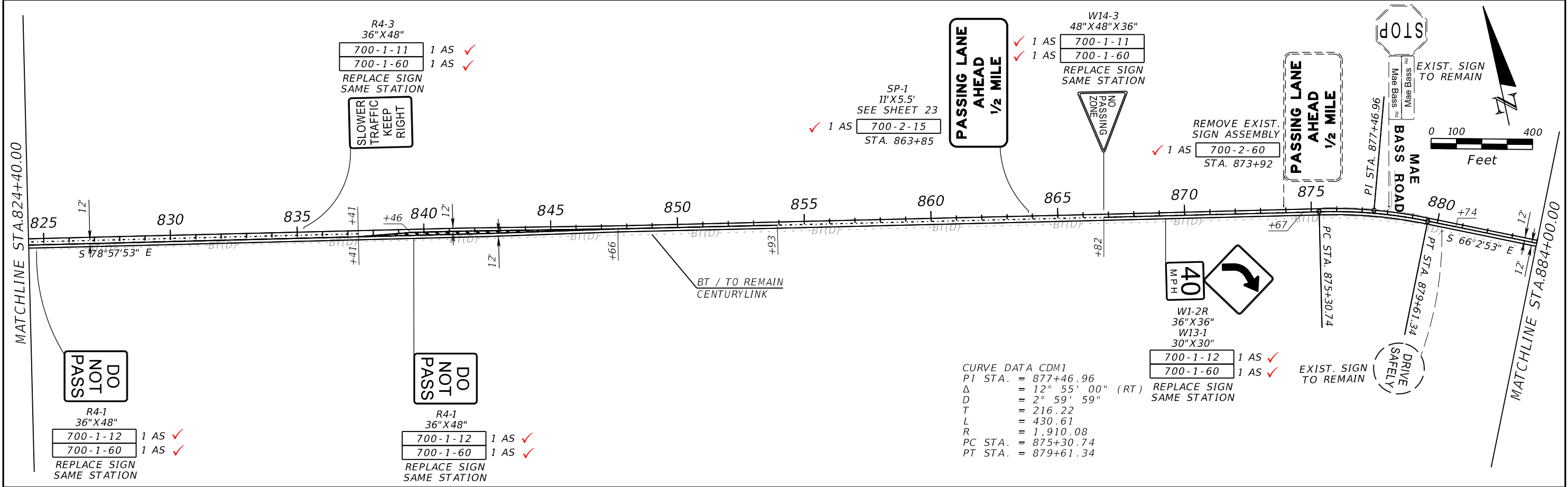
MATCHLINE STA.764+80.00

MATCHLINE STA.764+80.00

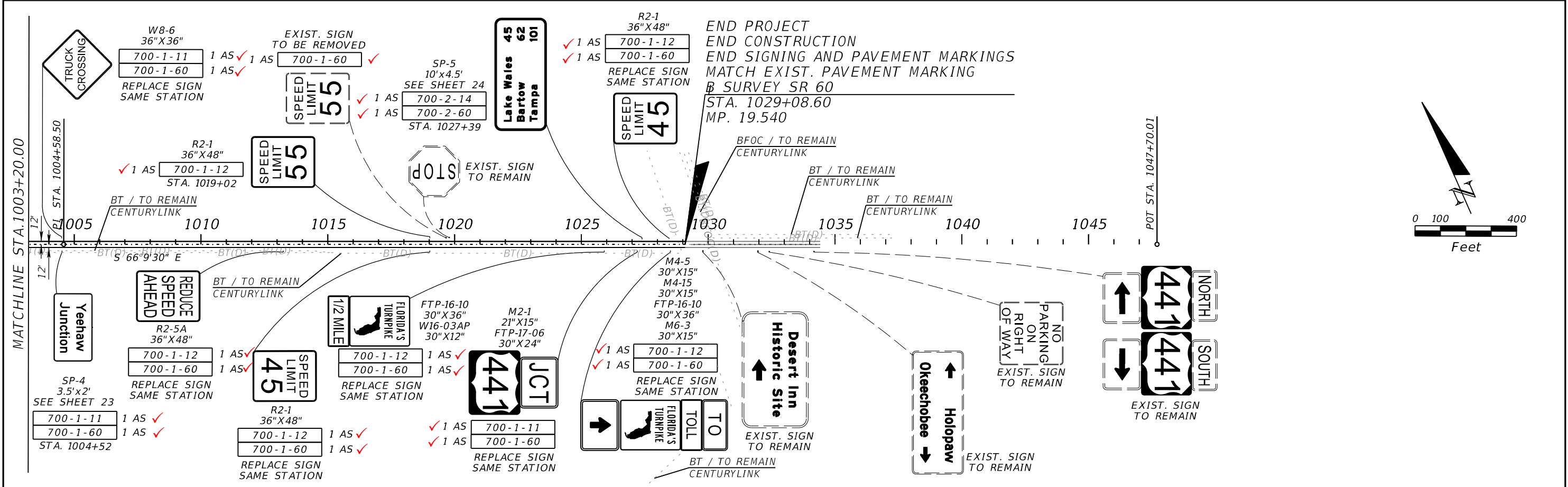
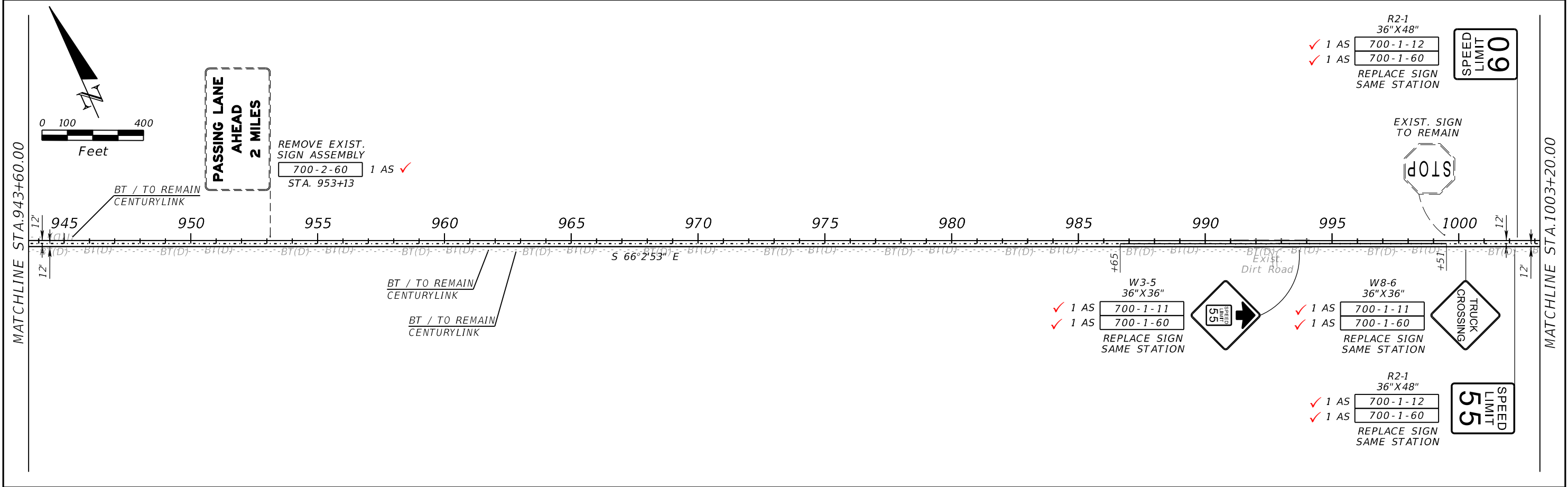
MATCHLINE STA.824+40.00



REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN (5)	SHEET NO.  27
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		



REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		28



REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNING AND PAVEMENT MARKING PLAN (7)	SHEET NO.  29
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		

[illegible][illegible]

SIGN NAME		SP-3		QTY	2	SIGN NUMBER		STATION(S)							
PANEL			BORDER			II		623+61							
WIDTH			4'-0"			WIDTH			0.5"						
HEIGHT			1'-0"			RADIO			1.5"						
LEGEND			Black			COLOR			Black						
COLOR			Yellow												
SYMBOL(S)		ANGLE		X		Y		WID		HT					
SIGN NUMBER		NUMBER OF POSTS		CLEARANCE Edge Of Lane		COLUMN SIZE		AVERAGE LENGTH							
NO. OF LIGHT FIXTURES				FIXTURE SPACING				PHOTOMETRIC CURVE				WATT		VOLTAGE	

[illegible]

REVISIONS				MICHAEL J. FURY, P.E. P.E. LICENSE NUMBER 86909 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637
DATE	DESCRIPTION	DATE	DESCRIPTION	

SIGN NAME		SP-2		QTY	SIGN NUMBER		STATION(S)	
PANEL		BORDER		3	349+40			
WIDTH	11'-0"	WIDTH	1.75"	4	591+65			
HEIGHT	5'-0"	RADII	8"	9	943+00			
LEGEND	White	COLOR	White					
COLOR	Green							
SYMBOL(S)	ANGLE	X	Y	WID	HT			
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE		AVERAGE LENGTH			
3	2	12'	W6x12		13.32'			
4	2	12'	W6x12		13.97'			
9	2	24'	W8x18		17.21'			

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

[illegible][illegible][illegible]

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GUIDE SIGN WORKSHEET	SHEET NO.
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
SR 60	OSCEOLA	445697-1-52-01		30





SUMMARY OF LUMP SUM ITEMS					
PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
101-1	MOBILIZATION	1	✓		

SUMMARY OF TEMPORARY TRAFFIC CONTROL PLAN ITEMS												
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	PHASE 1			PHASE 2			TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
			DURATION	QUANTITY	TOTAL	DURATION	QUANTITY	TOTAL				
			DAYS	P	P	DAYS	P	P	P	F		
0102-1	MAINTENANCE OF TRAFFIC	(LS)							1	✓	110 DAYS	
0102-14	TRAFFIC CONTROL OFFICER	HR	68	16	1088	42	16	672	1760	484		
0102-60	WORK ZONE SIGN	ED	68	23	1564	42	22	924	2488	2703		
0102-74-1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	68	204	13872	42	170	7140	21012	1352		
0102-99	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	75	2	150	42	2	84	234	378	INCLUDES 7 DAYS PRIOR	
0102-909	TEMPORARY RAISED RUMBLE STRIPS	DA	68	1	68	42	1	42	110	108		

EDMS NO. 1594067 - MOT SUMMARY

REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		SQ-1

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES								
LOCATION	SIDE	AREA ID	SEDIMENT BARRIER		SOIL TRACKING PREVENTION DEVICE		DESIGN NOTES	CONSTRUCTION REMARKS
STA.			0104 10 3		0104 15			
			LF		EA			
			P	F	P	F		
253+45.70 to 1029+08.60	LT				1.0	1		0104 15 EDMS NO. 1594077
253+45.70 to 1029+08.60	RT				1.0	1		
270+20.00	LT		62.8	63			10' RADIUS AROUND PROPOSED SIGN STRUCTURE, AS ALLOWABLE WITHIN THE R/W	0104 10 3 EDMS NO. 1594752
307+14.00	LT		62.8	0			10' RADIUS AROUND PROPOSED SIGN STRUCTURE, AS ALLOWABLE WITHIN THE R/W	
359+94.00	LT		62.8	65			10' RADIUS AROUND PROPOSED SIGN STRUCTURE, AS ALLOWABLE WITHIN THE R/W	
581+60.00	RT		62.8	70			10' RADIUS AROUND PROPOSED SIGN STRUCTURE, AS ALLOWABLE WITHIN THE R/W	
636+40.00	RT		62.8	68			10' RADIUS AROUND PROPOSED SIGN STRUCTURE, AS ALLOWABLE WITHIN THE R/W	
660+80.00	RT		62.8	0			10' RADIUS AROUND PROPOSED SIGN STRUCTURE, AS ALLOWABLE WITHIN THE R/W	
873+92.00	LT		62.8	60			10' RADIUS AROUND PROPOSED SIGN STRUCTURE, AS ALLOWABLE WITHIN THE R/W	
900+33.00	LT		62.8	62			10' RADIUS AROUND PROPOSED SIGN STRUCTURE, AS ALLOWABLE WITHIN THE R/W	
1004+52.00	RT		62.8	70			10' RADIUS AROUND PROPOSED SIGN STRUCTURE, AS ALLOWABLE WITHIN THE R/W	
1027+39.00	LT		62.8	85			10' RADIUS AROUND PROPOSED SIGN STRUCTURE, AS ALLOWABLE WITHIN THE R/W	
1049 + 85.00	RT			85				
SUB-TOTAL :			628.0	628	2.0	2		
TOTAL :			628	628	2	2		

SUMMARY OF LITTER REMOVAL AND MOWING																									
CONST . PHASE	LOCATION	SIDE	DURATION ( DAYS )	FREQUENCY ( DAYS )	LITTER REMOVAL							MOWING							DESIGN NOTES	CONSTRUCTION REMARKS					
					0107 1							0107 2													
	AREA ID				L	W	CYCLES	AREA		AREA ID	L	W	CYCLES	AREA											
								AC/ CYCLE	TOTAL (AC)					AC/ CYCLE	TOTAL (AC)										
		P	F	P					F																
	253+45.70 TO 692+00.00	LT	100	30	3200	43854.0	38.0	4	38.256	153.026	191.280	3660	43854.0	34.0	4	34.229	136.918	171.145		0107 1 EDMS NO. 1594082					
	253+45.70 TO 692+00.00	RT	100	30	3179	43854.0	38.0	4	38.256	153.026	191.280	3677	43854.0	34.0	4	34.229	136.918	171.145		0107 2 EDMS NO. 1594079					
	692+00.00 TO 747+93.00	LT	100	30	3256	5593.0	32.0	4	4.109	16.435	20.545	3696	5593.0	28.0	4	3.595	14.381	17.975							
	692+00.00 TO 747+93.00	RT	100	30	3250	5593.0	32.0	4	4.109	16.435	20.545	3702	5593.0	28.0	4	3.595	14.381	17.975							
	747+93.00 TO 784+57.00	LT	100	30	3238	3664.0	38.0	4	3.196	12.785	15.980	3717	3664.0	34.0	4	2.860	11.439	14.300							
	747+93.00 TO 784+57.00	RT	100	30	3243	3664.0	38.0	4	3.196	12.785	15.980	3710	3664.0	34.0	4	2.860	11.439	14.300							
	784+57.00 TO 841+54.00	LT	100	30	3268	5697.0	32.0	4	4.185	16.740	20.925	3731	5697.0	28.0	4	3.662	14.648	18.310							
	784+57.00 TO 841+54.00	RT	100	30	3274	5697.0	32.0	4	4.185	16.740	20.925	3725	5697.0	28.0	4	3.662	14.648	18.310							
	841+54.00 TO 1029+08.60	LT	100	30	3293	18755.0	38.0	4	16.361	65.444	81.805	3755	18755.0	34.0	4	14.639	58.556	73.195							
	841+54.00 TO 1029+08.60	RT	100	30	3304	18755.0	38.0	4	16.361	65.444	81.805	3745	18755.0	34.0	4	14.639	58.556	73.195							
SUB - TOTAL :										528.862	661.070	SUB - TOTAL :										471.883	589.850		
TOTAL :										528.86	661.07	TOTAL :										471.88	589.85		

REVISIONS				ERIC BORN, P.E. P.E. LICENSE NUMBER 85535 PATEL, GREENE & ASSOCIATES, LLC 280 W. CANTON AVENUE, SUITE 400 WINTER PARK, FL 32789	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 60	OSCEOLA	445697-1-52-01		SQ-2