

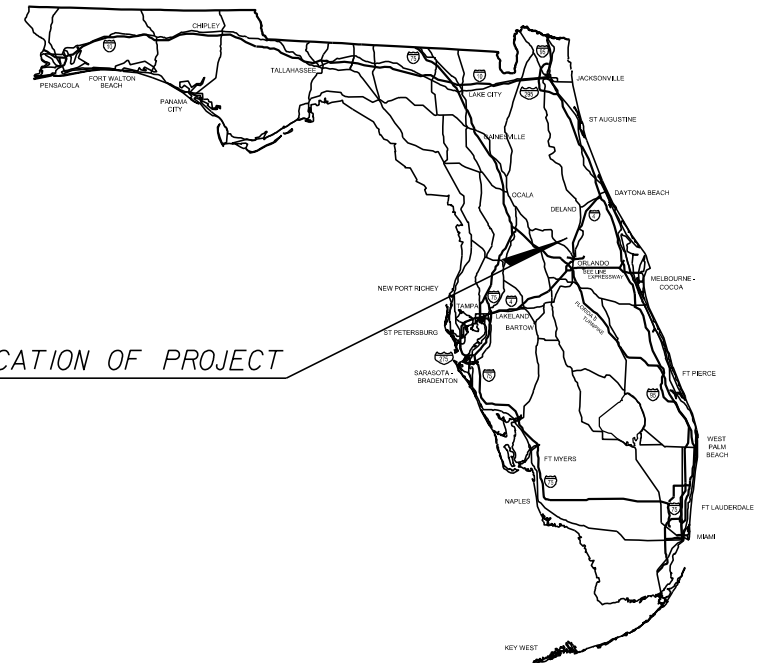
**CENTRAL FLORIDA
EXPRESSWAY AUTHORITY**

CONTRACT PLANS

SR 429 (WEKIVA PARKWAY)
EAST OF SR 429/SR 46 SYSTEM INTERCHANGE
TO EAST OF MOUNT PLYMOUTH ROAD (CR 435)

ORANGE COUNTY (75)

CONTRACT NO. 429-205



INDEX OF SIGNING AND PAVEMENT MARKING PLANS

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SIGNING AND PAVEMENT MARKING PLANS

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
BOARD MEMBERS

WELTON CADWELL S. SCOTT BOYD BRENDA CAREY BUDDY DYER FRED HAWKINS, JR. TERESA JACOBS ANDRIA KERR JAY MADARA S. MICHAEL SCHEERINGA	CHAIRMAN VICE CHAIRMAN SECRETARY/TREASURER CITY OF ORLANDO MAYOR OSCEOLA COUNTY COMMISSIONER ORANGE COUNTY MAYOR BOARD MEMBER BOARD MEMBER BOARD MEMBER
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SIGNING AND PAVEMENT MARKING
SHOP DRAWINGS TO BE SUBMITTED TO:
DAVID E. WAGNER, P.E.
201 E. PINE ST., SUITE 900
ORLANDO, FL 32801
(407) 702-6800

PLANS PREPARED BY:

PARSONS
201 E. PINE ST., SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800
CERTIFICATE OF AUTHORIZATION NO. 1838
VENDOR NO. 36-098-270

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

KEY SHEET REVISIONS	
DATE	DESCRIPTION

SIGNING AND PAVEMENT MARKING PLANS
ENGINEER OF RECORD: DAVID E. WAGNER, P.E.

P.E. NO.: 49363

FISCAL YEAR	SHEET NO.
2017	S-1

**BID SET
FEBRUARY 2016**

CFX PROJECT MANAGER: GLENN M. PRESSIMONE, P.E.

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																				TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET		
			S-7		S-8		S-9		S-10		S-11		S-12		S-13		S-14		S-15		S-16		PLAN	FINAL	PLAN	FINAL			
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL							
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS			2										2								2						
700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS					1					2			2		1		2		1								
700-1-13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS																											
700-1-60	SINGLE POST SIGN, REMOVE	AS																											
700-1-74	SINGLE POST SIGN, F&I CUST WIND LOAD AREA>30SF	AS			1																								
700-2-12	MULTI- POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS																											
700-2-14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS					1																						
700-2-16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS							1			1			1		1												
700-2-60	MULTI- POST SIGN, F&I GROUND MOUNT, REMOVE	AS																											
700-3-224	SIGN PANEL, F&I OH MOUNT, UP TO 50 SF W/LIGHTING	EA																											
700-3-227	SIGN PANEL, F&I OH MOUNT, 201-300 SF W/ LIGHTING	EA																											
700-3-301B	SIGN PANEL, F&I BRIDGE MOUNT, UP TO 12 SF	AS																											
700-4-113	OH STATIC SIGN STRUCT, F&I, CANTILEVER, 31-40 FT	AS																											
705-11-1	DELINEATOR, FLEXIBLE TUBULAR	EA	7		5			5		4																			
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS WHITE/RED	EA	40		101			100		50			35		35		35		35		32		35						
	YELLOW/YELLOW																												
711-11-151	THERMOPLASTIC, STD, WHITE, DOTTED/GUIDELINE, 6"	LF																											
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF																											
711-15-111	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 6"	NM																											
711-15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6", 10-30 SKIP	GM																											
711-15-211	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	NM																											
711-16-111	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	NM																											
711-16-112	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	NM																											
711-16-211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM																											
711-17	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF																											
713-102-134	PREFORMED TAPE, HIGH PERFORMANCE, WHITE, SKIP, 12"	GM	0.044		0.133			0.133		0.031																			
713-102-211	PREFORMED TAPE, HIGH PERFORMANCE, YELLOW, SOLID, 6"	NM	0.089		0.265			0.265		0.265			0.265		0.265		0.265		0.265		0.242		0.265						
713-102-513	PREFORMED TAPE,HIGH PERFORMANCE, WHITE/BLACK CONTRAST, SOLID, 9"	NM	0.089		0.265			0.265		0.265			0.265		0.265		0.265		0.265		0.242		0.265						
713-102-533	PREFORMED TAPE, HIGH PERFORMANCE. WHITE/BLACK CONTRAST, SKIP, 9"	GM	0.089		0.265			0.265		0.265			0.265		0.265		0.265		0.265		0.242		0.265						

REVISIONS				
DATE	DESCRIPTION	DATE	DESCRIPTION	

DAVID E. WAGNER, P.E.
P.E. LICENSE NO. 49363

PARSONS

201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800 / FAX: (407) 702-6950
CERTIFICATE OF AUTHORIZATION NO. 1838

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-205

TABULATION OF QUANTITIES	SHEET NO. S-2
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TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																				TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET		
			S-17		S-18		S-19		S-20		S-21		S-22		S-23		S-24		S-25		S-26		PLAN	FINAL	PLAN	FINAL			
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL									
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS							2																2		8		
700-1-12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS																							2		11		
700-1-13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS												2											2		2		
700-1-60	SINGLE POST SIGN, REMOVE	AS						2																	36		36		
700-1-74	SINGLE POST SIGN, F&I CUST WIND LOAD AREA>30SF	AS															2		14		16						1		
700-2-12	MULTI- POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS				1		1																	2		2		
700-2-14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS																									1		
700-2-16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	2																						2		6		
700-2-60	MULTI- POST SIGN, F&I GROUND MOUNT, REMOVE	AS												1					1						2		2		
700-3-224	SIGN PANEL, F&I OH MOUNT, UP TO 50 SF W/LIGHTING	EA				1																			1		1		
700-3-227	SIGN PANEL, F&I OH MOUNT, 201-300 SF W/ LIGHTING	EA				1																			1		1		
700-3-301B	SIGN PANEL, F&I BRIDGE MOUNT, UP TO 12 SF	AS						2																	2		2		
700-4-113	OH STATIC SIGN STRUCT, F&I, CANTILEVER, 31-40 FT	AS				1																			1		1		
705-11-1	DELINEATOR, FLEXIBLE TUBULAR	EA																										21	
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA																										852	
	WHITE/RED		35		30			38		35		35		35		23		2		22				290					
	YELLOW/YELLOW							24												40				64					
711-11-151	THERMOPLASTIC, STD, WHITE, DOTTED/GUIDELINE, 6"	LF						52																96		96			
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF						14																216		216			
711-15-111	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 6"	NM											0.227	0.265	0.145									0.637		0.637			
711-15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6", 10-30 SKIP	GM											0.227	0.265	0.175	0.017								0.684		0.684			
711-15-211	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	NM											0.227	0.265	0.145									0.637		0.637			
711-16-111	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	NM						0.144													0.296			0.440		0.440			
711-16-112	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	NM						0.017													0.127			0.144		0.144			
711-16-211	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	NM						0.174													0.296			0.470		0.470			
711-17	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS	SF																			46			46		46			
713-102-134	PREFORMED TAPE, HIGH PERFORMANCE, WHITE, SKIP, 12"	GM																										0.341	
713-102-211	PREFORMED TAPE, HIGH PERFORMANCE, YELLOW, SOLID, 6"	NM	0.265		0.227		0.265		0.265		0.265		0.038											1.325		3.776			
713-102-513	PREFORMED TAPE, HIGH PERFORMANCE, WHITE/BLACK CONTRAST, SOLID, 9"	NM	0.265		0.227		0.265		0.265		0.265		0.038											1.325		3.776			
713-102-533	PREFORMED TAPE, HIGH PERFORMANCE, WHITE/BLACK CONTRAST, SKIP, 9"	GM	0.265		0.227		0.265		0.265		0.265		0.038											1.325		3.776			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DAVID E. WAGNER, P.E.
P.E. LICENSE NO. 49363
PARSONS
201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800 / FAX: (407) 702-6950
CERTIFICATE OF AUTHORIZATION NO. 1838

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-205

TABULATION OF QUANTITIES

SHEET NO. S-3

SIGNING GENERAL NOTES

1. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL SIGNS. SHOP DRAWINGS SHALL INCLUDE VHB CALCULATIONS FOR ALL STANDARD AND NON-STANDARD GROUND MOUNTED SIGNS, SINGLE AND MULTI-POST.
2. ALL EXISTING SIGNS ARE TO REMAIN UNLESS OTHERWISE NOTED. ANY SIGNS SCHEDULED TO BE RELOCATED OR TO REMAIN THAT ARE DAMAGED DURING THE CONSTRUCTION PROCESS SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
3. NOT USED.
4. ALL EXISTING SIGNS ARE TO REMAIN VISIBLE UNTIL SUCH TIME AS THE PROPOSED SIGN ASSEMBLY INSTALLATION IS COMPLETED.
5. EXCEPT WHERE NOTED, CODE NUMBER AND SIGN LISTED ARE STANDARD AS SHOWN IN MUTCD 2009 AND STANDARD HIGHWAY SIGNS MANUAL, FHWA, 2004 WITH THE 2012 SUPPLEMENT.
6. THE CONTRACTOR SHALL ESTABLISH, STAKE AND PAINT SIGN LOCATIONS WITH THE USE OF A FLORIDA REGISTERED LAND SURVEYOR. IF THE STAKES AND/OR PAINTED MARKS ARE OBLITERATED DURING THE CONSTRUCTION PROCESS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO HAVE THE SIGN LOCATIONS RE-ESTABLISHED BY A FLORIDA REGISTERED LAND SURVEYOR. NO ADDITIONAL PAYMENT WILL BE ALLOWED.
7. SIGN ASSEMBLY LOCATIONS SHOWN ON PLANS WHICH ARE IN CONFLICT WITH LIGHTING, UTILITIES, DRIVEWAYS, PUBLIC SIDEWALK CURB RAMPS, ETC. MAY BE ADJUSTED SLIGHTLY AS DIRECTED BY THE CONSTRUCTION ENGINEER AND INSPECTOR (CEI). THE ENGINEER OF RECORD MUST APPROVE EXTREME LOCATION CHANGES. IN ALL CASES ROADWAY SAFETY SHALL NOT BE COMPROMISED AND ADA REQUIREMENTS FOR UNOBSTRUCTED PEDESTRIAN PATHS SHALL BE SATISFIED.
8. THE CONTRACTOR SHALL SET ROADWAY GROUND MOUNT SIGNS AT PROPER DEFLECTION ANGLE TO THE ROADWAY IN ACCORDANCE WITH FDOT INDEX 17302, UNLESS NOTED OTHERWISE IN THE PLANS.
9. THE CEI SHALL APPROVE COMMON POST MOUNTING OF REGULATORY SIGN PANELS PRIOR TO ASSEMBLY INSTALLATION. NO SIGNS SHALL BE MOUNTED BACK TO BACK WITH STOP OR YIELD SIGNS.
10. CARE SHALL BE TAKEN THAT OVERHEAD PANELS ARE POSITIONED OVER THE LANE(S) TO WHICH THEY APPLY AND AS SHOWN IN THE PLANS. THE CEI SHALL APPROVE THE LOCATIONS ALONG THE TRUSS PRIOR TO INSTALLATION.
11. MILEPOST MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH THE VERTICAL CLEARANCE CRITERIA IN INDEX 17302 REGARDLESS OF LOCATION, I.E. ROADSIDE OR TOP OF BARRIER WALL.
12. THE CONTRACTOR SHALL COMPLETELY FILL IN ALL HOLES WITH SELECT MATERIALS IN 12" LIFTS AND SOD GROUND MOUNT AND OVERHEAD SIGN REMOVAL LOCATIONS WITHIN 24 HOURS. FOUNDATIONS FOR ALL OVERHEAD SIGN STRUCTURES SHALL BE REMOVED 36" BELOW THE GROUND SURFACE AND IS TO BE INCLUDED WITH SIGN REMOVAL. FINAL WORK ITEMS MAY ONLY BE DEFERRED AT THE DIRECTION OF THE CEI.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WORK, WHEN NECESSARY, TO MEET ALL EROSION CONTROL CRITERIA AS REQUIRED IN THE SPECIFICATIONS. AN EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE CEI FOR APPROVAL PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY. ALL EROSION CONTROL WORK AND MATERIALS SHALL BE INCLUDED IN THE SIGN ASSEMBLY.
14. ALL MISCELLANEOUS WORK NECESSARY IN THE SHOULDER AREA TO CONSTRUCT AND/OR REMOVE SIGNS (I.E. GRADING, SODDING, CLEARING AND GRUBBING, GUARDRAIL RE-SETTING OR FENCE RE-SETTING) IS CONSIDERED INCIDENTAL, AND IS TO BE INCLUDED IN THE SIGN ASSEMBLY. ALL DISTURBED AREAS SHALL BE SODDED. THE CONTRACTOR SHALL HAUL ALL EXCESS EXCAVATION AND WASTE MATERIALS OFF-SITE. REMOVAL OF THESE MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE SIGN ASSEMBLY.
15. EXISTING SIGNS TO BE REMOVED SHALL BE MEASURED BY THE POST ASSEMBLY REGARDLESS OF THE NUMBER OF EXISTING PANELS ATTACHED.
16. EXISTING SIGN PANELS AND/OR SIGN ASSEMBLIES TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF AT HIS EXPENSE EXCEPT WHERE SPECIFIED IN THE PLANS OR SPECIAL PROVISIONS. ALL SIGN ASSEMBLIES SCHEDULED FOR REMOVAL SHALL BE TAKEN OFF THE PROJECT SITE BY THE CONTRACTOR WITHIN 48 HOURS OF REMOVAL.
17. THE CONTRACTOR SHALL VERIFY FIELD ELEVATIONS FOR VERTICAL SUPPORTS FOR ALL SIGNS PRIOR TO FABRICATION.
18. SIGN ITEM 700-4-113: DESIGN WIND LOADS SHALL BE BASED ON BASIC WIND SPEED OF 130 MPH WAS USED IN THE DESIGN. IN ACCORDANCE WITH FDOT STRUCTURES MANUAL, THE STRUCTURES HAVE BEEN DESIGNED IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS, INDEX DRAWINGS AND THE FOLLOWING REQUIREMENTS:
 - A) INCREASE THE PROPOSED SIGN PANEL DEPTH BY 20% FOR DESIGN WITH THE FUTURE PANEL (S) ASSUMED TO BE BOTTOM JUSTIFIED ON THE TRUSS. WHEN THE SPAN TRUSS IS TO ACCOMMODATE PANEL(S) OVER ONLY ONE DIRECTION OF TRAVEL, A FUTURE PANEL, INCLUDING EXIT NUMBER, SHALL BE CONSIDERED OVER THE OPPOSITE ROADWAY FOR THE PURPOSE OF PROVIDING MAXIMUM FLEXIBILITY FOR FUTURE USE.
 - B) SPAN TYPE STRUCTURES SHALL MEET THE CRITERIA A.) ABOVE OR THE FDOT STRUCTURES MANUAL CRITERIA FOR URBAN AREAS, WHICHEVER GOVERNS.
 - C) CANTILEVER ARM LENGTHS AND UPRIGHT HEIGHTS WERE DETERMINED BASED ON INITIAL SIGN CONFIGURATION. INITIAL PANEL SHALL BE POSITIONED TO MATCH THE END OF THE CANTILEVER ARM FOR AESTHETICS.
 - D) FOUNDATION DETAILING SHALL BE ACCORDING TO FDOT INDEX 11310 OR 11320, EXCEPT THE DRILLED SHAFT OR PEDESTAL SHALL EXTEND A MINIMUM 3 INCHES ABOVE THE GROUND LINE OR THE DESIGN HIGH WATER LINE AND A 3 INCH GROUT PAD SHALL BE UTILIZED FOR ALL OVERHEAD SIGN STRUCTURES.
 - E) CANTILEVER ARM LENGTHS WERE DETERMINED BASED ON THE INITIAL SIGN CONFIGURATION. THE 20% INCREASED SIGN PANEL AREAS ARE NOT SHOWN ON THE CROSS SECTIONS. ANY FUTURE PANELS SHOWN ON THE CROSS SECTIONS WERE FOR STRUCTURE DESIGN PURPOSES ONLY AND ARE NOT PART OF THIS CONTRACT.
19. PRIOR TO ERECTION OF ANY OVERHEAD SIGN STRUCTURES, THE AS-BUILT LOCATION OF THE ANCHOR BOLTS SHALL BE SURVEYED BY A FLORIDA REGISTERED LAND SURVEYOR AND SUBMITTED IN A WRITTEN REPORT TO THE CEI FOR APPROVAL AND SHALL BE CONSIDERED INCIDENTAL TO THE SIGN ASSEMBLY.
20. DUE TO THE TIMING OF ADJACENT CONTRACTS, THE CEI MAY DIRECT THE CONTRACTOR TO DELAY INSTALLATION OF CERTAIN PANELS. PANELS SHALL NOT BE INSTALLED AND COVERED WITHOUT PRIOR APPROVAL FROM THE AUTHORITY. NO ADDITIONAL PAYMENT WILL BE PERMITTED.
21. STEEL AND ALUMINUM POST SIZES ARE SHOWN IN THE PLANS FOR MULTI-POST MOUNTED SIGNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY POST SIZES AND LENGTHS PRIOR TO FABRICATION. THE CONTRACTOR MAY USE AN ALTERNATE POST MATERIAL UPON PROVIDING ADEQUATE JUSTIFICATION TO THE PROJECT ENGINEER. THE SAME POST MATERIAL AND SHAPE, IF APPLICABLE, SHALL BE USED THROUGHOUT THE ENTIRE PROJECT.
22. ALL SUPPORT COLUMNS FOR OVERHEAD SIGN STRUCTURES SHALL BE PAINTED WHEN PROJECT REACHES SUBSTANTIAL COMPLETION. PAINTING SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISION AND PLAN DETAIL(S). PAINTING PROPOSED UPRIGHTS SHALL BE CONSIDERED INCIDENTAL TO STRUCTURE INSTALLATION. SEE SPECIAL PROVISIONS.
23. SIGN STRUCTURE UPRIGHT SURFACES SHALL BE PREPARED IN ACCORDANCE WITH THE SPECIAL PROVISIONS BEFORE PAINTING. ALL BOLTS, CROSS BRACE DIAGONALS AND FLANGES NOTED ON THE PLANS DETAIL SHEET(S) SHALL BE THOROUGHLY CLEANED AND FREE OF DEBRIS BEFORE PRIMER AND FINISHED COAT(S) ARE APPLIED.
24. THE CONTRACTOR SHALL REMOVE AND REINSTALL ALL EQUIPMENT ATTACHED TO SIGN UPRIGHTS PRIOR TO BEGINNING THE PAINTING PROCESS. EQUIPMENT SHALL INCLUDE BUT IS NOT LIMITED TO ELECTRICAL DISCONNECT SWITCH BOXES, ELECTRICAL AND/OR FOM CONDUIT, DMS CONTROLLER BOXES, ANTENNAE, ETC. ANY EQUIPMENT DAMAGED DURING THE PAINTING PROCESS SHALL BE REPAIRED OR REPLACED IN KIND BY THE CONTRACTOR AT HIS EXPENSE. ALL REPAIRS SHALL MEET THE SATISFACTION OF THE ENGINEER OF RECORD.
25. NOT USED.
26. NOT USED.
27. SEE LIGHTING GENERAL NOTES FOR INFORMATION REGARDING SIGN LUMINAIRES.
28. TOP MOUNTED LUMINAIRES SHALL NOT BE ALLOWED ON THE MAINLINE WITHIN THE AUTHORITY'S JURISDICTION.
29. THE CONTRACTOR SHALL PROVIDE WIRING AND PULL BOXES (AS NECESSARY) TO ALL FUTURE SIGN PANEL POSITIONS AND CAP OFF IN THE CONNECTOR BOX.
30. NOT USED.
31. THE SIGN LIGHTING LUMINAIRES SHALL BE "NIGHT AIMED" TO ASSURE PROPER ILLUMINATION OF THE SIGN SURFACE. THE LUMINAIRES MUST BE AT AN ANGLE SUFFICIENT TO PREVENT THEM FROM SHINING INTO THE FACES OF DRIVERS TRAVELING IN THE OPPOSITE DIRECTION.
32. SIGN LIGHTING LUMINAIRES MAY REQUIRE SHIELDING TO PREVENT GLARE INTO NEIGHBORING RESIDENTIAL PROPERTIES. WHEN INCLUDED IN PLANS THE CEI SHALL FIELD VERIFY AND DOCUMENT NEED FOR SHIELDING PRIOR TO INSTALLATION. THE CEI SHALL REPORT ANY DISCREPENCIES TO THE ENGINEER OF RECORD FOR RESOLUTION. SHIELDING SHALL BE CONSIDERED INCIDENTAL TO THE SIGN ASSEMBLY OR NEW SIGN LUMINAIRE INSTALLATION AS APPROPRIATE.
33. THE CONTRACTOR SHALL ENERGIZE OVERHEAD SIGN LUMINAIRES WITHIN 24 HOURS OF INSTALLATION.
34. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS OF EXISTING ROADWAY LIGHTING CONDUIT PRIOR TO INSTALLATION OF ROADWAY SIGNAGE.
35. A SEPARATE GROUNDING ELECTRODE AND PULL BOX IS REQUIRED PER UPRIGHT OF EACH NEW CANTILEVER. TWO SEPARATE GROUNDING ELECTRODES AND PULL BOXES ARE REQUIRED PER UPRIGHT ON EACH NEW SPAN TRUSS STRUCTURE AND SHALL BE INCIDENTAL TO THE STRUCTURE. INSTALLATION SHALL BE IN ACCORDANCE WITH FDOT INDEX 17505 WITH A MINIMUM REQUIRED LENGTH OF 20 LINEAR FEET AND A MEASURED RESISTANCE OF 25 OHMS OR LESS. ALL CONNECTIONS SHALL BE EXOTHERMICALLY WELDED.
36. FOR LOCATIONS THAT REQUIRE A GROUNDING ELECTRODE ARRAY (AS DETERMINED BY THE CEI), A SEPARATE PULL BOX SHALL BE INSTALLED FOR EACH ELECTRODE WITHIN THE ARRAY AND SHALL BE CONSIDERED INCIDENTAL TO THE SIGN ASSEMBLY.
37. 3M SCOTCH BRAND VERY HIGH BOND (VHB) ACRYLIC FOAM TAPE NUMBER 4950 OR THE AUTHORITY'S APPROVED EQUAL IN COMBINATION WITH MECHANICAL FASTENERS SHALL BE USED TO ATTACH PANELS TO WIND BEAMS, BRACKETS AND SPLICE PLATES ON ALL SINGLE AND MULTI-POST SIGN ASSEMBLIES. CONTRACTOR SHALL MEET ALL 3M REQUIREMENTS FOR PROPER INSTALLATION OF VHB. VHB TAPE SHALL NOT BE REUSED ONCE INSTALLED. DESIGN SHALL MEET MOST CURRENT FDOT WIND LOAD CRITERIA. SEE SPECIAL PROVISIONS.

REVISIONS					DAVID E. WAGNER, P.E. P.E. LICENSE NO. 49363  201 E PINE STREET, SUITE 900, ORLANDO, FL 32801 PHONE: (407) 702-6800 / FAX: (407) 702-6950 CERTIFICATE OF AUTHORIZATION NO. 1838	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		SHEET NO. GENERAL NOTES S-4
DATE		DESCRIPTION	DATE			ROAD NO.	PROJECT NO.	
						SR 429	429-205	

- 38. MECHANICAL FASTENERS USED TO ATTACH SIGN PANELS TO WIND BEAMS, BRACKETS AND SPLICE PLATES FOR ALL OVERHEAD AND GROUND MOUNTED PANELS SHALL BE COUNTERSUNK SCREWS.
- 39. THE CONTRACTOR SHALL PATCH ALL COUNTERSUNK SCREWS ON ALL NEW SIGN FACES. RIVETS ON OVERLAYS AND/OR DEMOUNTS SHALL BE PAINTED WITH COLOR TO MATCH SHEETING AT RIVET LOCATION. SEE SPECIAL PROVISIONS.
- 40. NOT USED.
- 41. NOT USED.
- 42. NOT USED.
- 43. NOT USED.
- 44. NOT USED.
- 45. UTILITY LOCATIONS SHOWN IN THE PLANS ARE APPROXIMATE. SEE UTILITY ADJUSTMENT PLANS. THERE MAY BE ADDITIONAL UTILITIES WITHIN THE CONSTRUCTION AREAS WHICH ARE NOT SHOWN. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION AND OWNERSHIP OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION ACTIVITY.
- 46. THE AUTHORITY'S FIBER OPTIC TONE WIRE, CONDUIT, AND LOCATE TAPE WITHIN FIVE (5) FEET OF MULTI-POST AND OVERHEAD SIGN STRUCTURES SHALL BE MANUALLY LOCATED VIA SOFT DIG EXCAVATION PRIOR TO THE CONSTRUCTION OF PROPOSED SIGN STRUCTURES.
- 47. VEGETATION SHALL BE REMOVED OR CUT BACK AS DIRECTED BY THE CEI TO PROVIDE ADEQUATE SIGHT DISTANCE FOR ALL OVERHEAD AND GROUND MOUNTED SIGNS. VEGETATION REMOVAL AND TRIMMING SHALL BE CONSIDERED INCIDENTAL TO THE SIGN ASSEMBLY. SEE "LINE OF SIGHT FOR USE ON MAINLINE" DETAIL FOR VEGETATION REMOVAL OR TRIMMING FROM THE LINE OF SIGHT.
- 48. NOT USED.
- 49. NOT USED.
- 50. AT LOCATIONS WITHIN PLANNED LANDSCAPING AREAS (BY OTHERS), THE CONTRACTOR SHALL COMPLETE ALL WORK (I.E. GRADING, CLEAN-UP, ETC.) IMMEDIATELY UPON INSTALLATION OF SIGN ASSEMBLY SUCH THAT LANDSCAPING FEATURES MAY BE INSTALLED. FINAL WORK ITEMS MAY ONLY BE DEFERRED AT THE DIRECTION OF THE CEI.
- 51. ALL NEW SIGN PANELS REGARDLESS OF MOUNTING (OVERHEAD, SINGLE POST OR MULTI-POST) SHALL BE A MINIMUM OF 0.125 INCHES THICK. ALL SIGN OVERLAYS SHALL BE A MINIMUM OF 0.08 INCHES THICK. EXTRUDED PANELS SHALL NOT BE ALLOWED.
- 52. ALL ROADWAY AND TOLL GANTRY SIGN PANELS REGARDLESS OF LOCATION, MOUNTING TYPE (OVERHEAD, SINGLE OR MULTI-POST) OR LIGHTING SHALL BE FABRICATED USING 3M DIAMOND GRADE CUBED (DG3) SHEETING OR THE AUTHORITY'S APPROVED EQUAL. WARNING SIGNS FOR LANE DROP (W4-2), LANE ENDS (W9-1, W9-2), REDUCE SPEED AHEAD (W3-5), CURVES AND PEDESTRIAN CROSSINGS SHALL BE 3M FLUORESCENT DG3 SHEETING OR THE AUTHORITY'S APPROVED EQUAL. SCHOOL CROSSING SIGNS (S1-1) AND SUPPLEMENTAL PLAQUES SHALL BE FABRICATED USING 3M DG3 FLUORESCENT YELLOW-GREEN SHEETING OR THE AUTHORITY'S APPROVED EQUAL.
- 53. THE COLOR(S) OF ALL PANELS POSITIONED ABOVE AND BELOW A ROUTE SHIELD (U.S., STATE, COUNTY AND TOLL) IN ROUTE MARKER ASSEMBLIES SHALL MATCH THE ASSOCIATED SHIELD.
- 54. NOT USED.
- 55. NOT USED.
- 56. A DECAL SHALL BE PROVIDED ON BACK OF ALL NEW PANELS AND OVERLAYS (FULL OR PARTIAL) REGARDLESS OF MOUNTING TYPE (OVERHEAD, SINGLE OR MULTI-POST). LETTERS SHALL BE BLACK AND LARGE ENOUGH TO BE CLEARLY LEGIBLE. LETTERS SHALL BE WHITE IF THE BACK OF THE PANEL HAS BEEN PAINTED BLACK. THE DECAL SHALL CONTAIN THE FOLLOWING INFORMATION:
CFX/PROJECT NUMBER
FABRICATOR'S INITIALS/DATE OF FABRICATION
SHEETING MANUFACTURER/NAME OF SHEETING
DATE OF INSTALLATION
- 57. THE SIGN PANEL FABRICATOR SHALL PROVIDE A COLOR PHOTOGRAPH OF THE ASSEMBLED PANEL FOR ALL MULTI-POST AND OVERHEAD MOUNTED SIGNS. PHOTOGRAPHS SHALL BE SUBMITTED TO THE CEI. THE CEI SHALL FORWARD A COPY OF THE PICTURES TO THE EOR AND THE AUTHORITY'S REPRESENTATIVE. THE CEI, EOR AND THE AUTHORITY'S REPRESENTATIVE SHALL APPROVE THE PHOTOS PRIOR TO SHIPMENT. DIGITAL FORMAT IS ACCEPTABLE; "JPG" FORMAT PREFERRED. PHOTO DETAIL AND RESOLUTION SHALL BE SUCH THAT REVIEWER WILL BE ABLE TO REASONABLY DETERMINE IF THE PANEL HAS BEEN FABRICATED IN ACCORDANCE WITH APPROVED SHOP DRAWINGS. PHOTOGRAPHS WILL NOT BE REQUIRED FOR MULTI-POST ROUTE MARKER COMPONENT PANELS UNLESS THEY ARE SPECIAL DESIGN. ONLY ONE REPRESENTATIVE PHOTOGRAPH IS REQUIRED FOR MULTIPLE IDENTICAL SPECIAL DESIGN ROUTE MARKER COMPONENTS.
- 58. IF SIGN SHEETING, COLORS OR ADHESIVE TAPE MATERIALS ARE PROPOSED FOR USE OTHER THAN THE 3M PRODUCTS SPECIFIED IN THE GENERAL NOTES OR PLAN DETAILS, A 4" X 4" (SHEETING) OR 24" X 1" (TAPE) SAMPLE OF EACH IN ALL APPLICABLE COLORS SHALL BE SUBMITTED TO THE AUTHORITY FOR APPROVAL PRIOR TO FABRICATION OR USE. ALL SAMPLES SHALL INCLUDE MANUFACTURER'S INFORMATION INCLUDING, BUT NOT LIMITED TO, SPECIFICATIONS, WARRANTY AND LOCAL SITES WHERE PRODUCT IS CURRENTLY IN USE.
- 59. NOT USED.
- 60. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FILLING OUT THE COLUMN ENTITLED "AS-BUILT STATION" IN THE TABLE ON THE DETAIL SHEET FOR SPECIAL DESIGN MILE POSTS.
- 61. NOT USED.

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DATE		DESCRIPTION	DATE			ROAD NO.	PROJECT NO.		S-5
						SR 429	429-205		

PAVEMENT MARKING GENERAL NOTES

1. STOP BARS, CROSSWALKS, STANDARD PAVEMENT MESSAGES AND STANDARD DIRECTIONAL ARROWS SHALL BE THERMOPLASTIC. ALL OTHER STRIPING WITHIN THE EXPRESSWAY AUTHORITY'S JURISDICTION SHALL BE 3M COMPANY SERIES 380IES OR THE AUTHORITY'S APPROVED EQUAL ON ASPHALT AND CONCRETE PAVEMENT, UNLESS OTHERWISE NOTED IN PLANS. THE OPTION LANE ARROW SHALL BE PREFORMED THERMOPLASTIC, PPRT, OR STANDARD THERMOPLASTIC AS APPROVED BY THE AUTHORITY.
2. ALL PAVEMENT MARKINGS ON CR 435/MOUNT PLYMOUTH ROAD SHALL BE THERMOPLASTIC.
3. WITHIN THE EXPRESSWAY AUTHORITY'S JURISDICTION, ALL MAINLINE AND RAMP SKIP LINES (10'-30') SHALL BE PREFORMED PATTERNED RETRO-REFLECTIVE CONTRAST TAPE (PPRT) CONSISTING OF A 6" WHITE TAPE BORDERED ON BOTH SIDES (LONGITUDINALLY) WITH A 1 1/2" MATTE BLACK CONTRASTING TAPE, FOR A TOTAL WIDTH OF 9".
4. WITHIN THE EXPRESSWAY AUTHORITY'S JURISDICTION, WHITE EDGE LINES SHALL BE PREFORMED PATTERNED RETRO-REFLECTIVE CONTRAST TAPE (PPRT) CONSISTING OF A 6" WHITE TAPE BORDERED ON BOTH SIDES (LONGITUDINALLY) WITH A 1 1/2" MATTE BLACK CONTRASTING TAPE, FOR A TOTAL WIDTH OF 9".
5. RETROREFLECTIVE PAVEMENT MARKERS (RPMS) ARE TO BE PLACED ALONG THE ENTIRE LENGTH OF THE PROJECT IN ACCORDANCE WITH FDOT INDEX 17345, 17346 AND 17352, UNLESS OTHERWISE NOTED IN PLANS. ALL RPMS INSTALLED ALONG THE AUTHORITY'S MAINLINE AND ALONG RAMPS WITHIN THE AUTHORITY'S JURISDICTION SHALL BE 3M COMPANY SERIES 290 RPMS OR THE AUTHORITY'S APPROVED EQUAL.
6. REFLECTIVE PAVEMENT MARKER ADHESIVE FOR USE ON ASPHALT AND CONCRETE PAVEMENT SHALL BE BITUMINOUS MATERIAL UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
7. NOT USED.
8. ANY EXISTING PAVEMENT MARKINGS, RPM'S OR DELINEATORS SCHEDULED TO REMAIN EITHER WITHIN OR BEYOND THE PROJECT LIMITS (INCLUDING MILLING AND RESURFACING), WHICH ARE DAMAGED DURING CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN KIND BY THE CONTRACTOR AT HIS EXPENSE. LIMIT OF REPLACEMENT IF REQUIRED SHALL BE DETERMINED BY THE CEI.
9. ROADSIDE MOUNTED FLEXIBLE TUBULAR DELINEATORS SHALL BE "SAFE-HIT CORPORATION, TYPE 2 GUIDE POST (48" WITH FLATTENED TOP)" OR THE AUTHORITY'S APPROVED EQUAL.
10. NOT USED.
11. NOT USED.
12. ALL REMOVABLE PAVEMENT MARKING SHALL BE 3M COMPANY WET REFLECTIVE REMOVABLE TAPE, SERIES 780 OR THE AUTHORITY'S APPROVED EQUAL.
13. THE CONTRACTOR SHALL NOT ABUT MULTIPLE STRIPES IN ORDER TO MEET THE SPECIFIED WIDTH (I.E., THREE 6" STRIPES TO MAKE ONE 18" STRIPE, ETC.). CONTRACTOR SHALL INSTALL ONE STRIPE OF THE SPECIFIED WIDTH.
14. NOT USED.
15. IF DELINEATORS, RPMS OR PAVEMENT MARKING MATERIALS ARE PROPOSED FOR USE OTHER THAN THE PRODUCTS SPECIFIED IN THE GENERAL NOTES OR PLAN DETAILS, A SAMPLE OF EACH IN ALL APPLICABLE COLORS SHALL BE SUBMITTED TO THE AUTHORITY FOR APPROVAL PRIOR TO INSTALLATION. ALL SAMPLES SHALL INCLUDE MANUFACTURERS INFORMATION INCLUDING, BUT NOT LIMITED TO, SPECIFICATIONS, WARRANTY AND LOCAL SITES WHERE PRODUCT IS CURRENTLY IN USE.
16. PROPOSED 12" WHITE/BLACK ALTERNATING 3'-12' SKIP STRIPING ON CONCRETE PAVEMENT SHALL BE INSTALLED USING THE BUTT SPLICE METHOD IN ACCORDANCE WITH THE LATEST EDITION OF 3M COMPANY "STAMARK TAPES PAVEMENT SURFACE PREPARATION AND APPLICATION TECHNIQUES, INFORMATION FOLDER 5.7". CONTACT 3M AT 1-800-553-1380 AS NEEDED.
17. NOT USED.

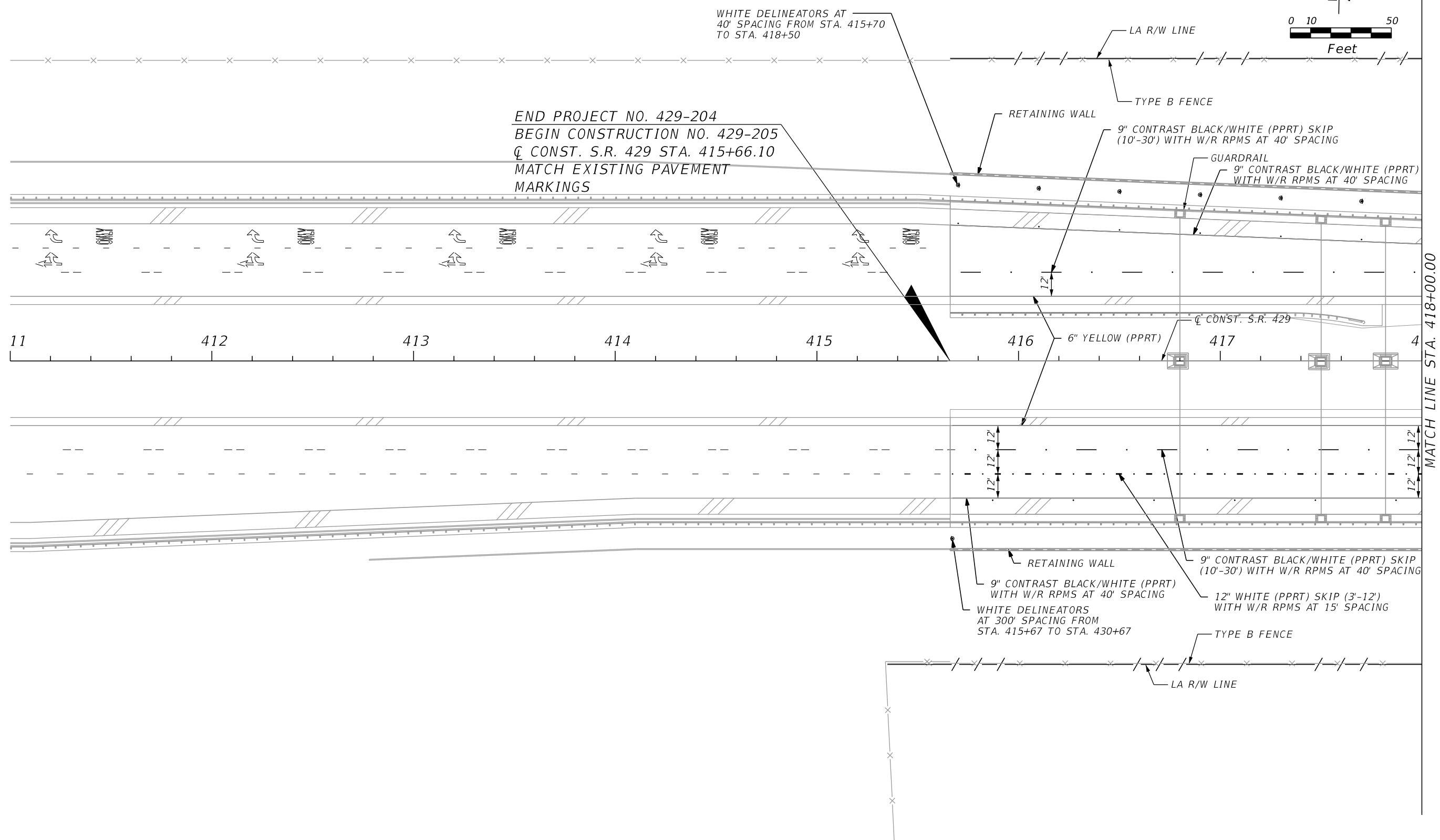
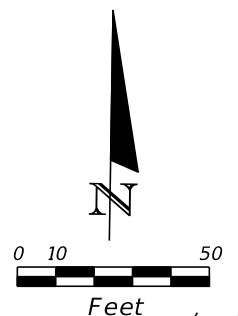
PAY ITEM NOTES

1. NOT USED.
2. NOT USED.
3. NOT USED.
4. NOT USED.
5. NOT USED.
6. 713-1AA-BCD: PREFORMED TAPE SHALL BE 3M COMPANY 380IES OR AUTHORITY APPROVED EQUAL. SEE GENERAL NOTES.
7. 700-4-113: SIGN UPRIGHT PAINTING SHALL BE CONSIDERED INCIDENTAL TO PROPOSED STRUCTURE.
8. NOT USED.
9. NOT USED.
10. NOT USED.
11. 711-1A-BCD : FOR LOCATIONS THAT REQUIRE THERMOPLASTIC PAVEMENT MARKINGS, PAINT SHALL BE USED FOR THE INITIAL APPLICATION TO ALLOW FOR A 30 DAY CURE TIME. INSTALLATION OF THE FINAL THERMOPLASTIC STRIPING SHALL BE AS DIRECTED BY THE AUTHORITY'S DIRECTOR OF CONSTRUCTION AND THE CEI. INITIAL PAINT APPLICATION SHALL BE INCIDENTAL IN THE THERMOPLASTIC PAY ITEM.

ABBREVIATIONS

PPRT = PREFORMED PATTERNED RETRO-REFLECTIVE CONTRAST TAPE
 THERMO = THERMOPLASTIC PAVEMENT MARKINGS
 RPMS = RETRO-REFLECTIVE PAVEMENT MARKERS
 W/R = WHITE/RED
 Y/Y = YELLOW/YELLOW

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DATE		DESCRIPTION	DATE			ROAD NO.	PROJECT NO.		
						SR 429	429-205		



END PROJECT NO. 429-204
 BEGIN CONSTRUCTION NO. 429-205
 C CONST. S.R. 429 STA. 415+66.10
 MATCH EXISTING PAVEMENT
 MARKINGS

MATCH LINE STA. 418+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

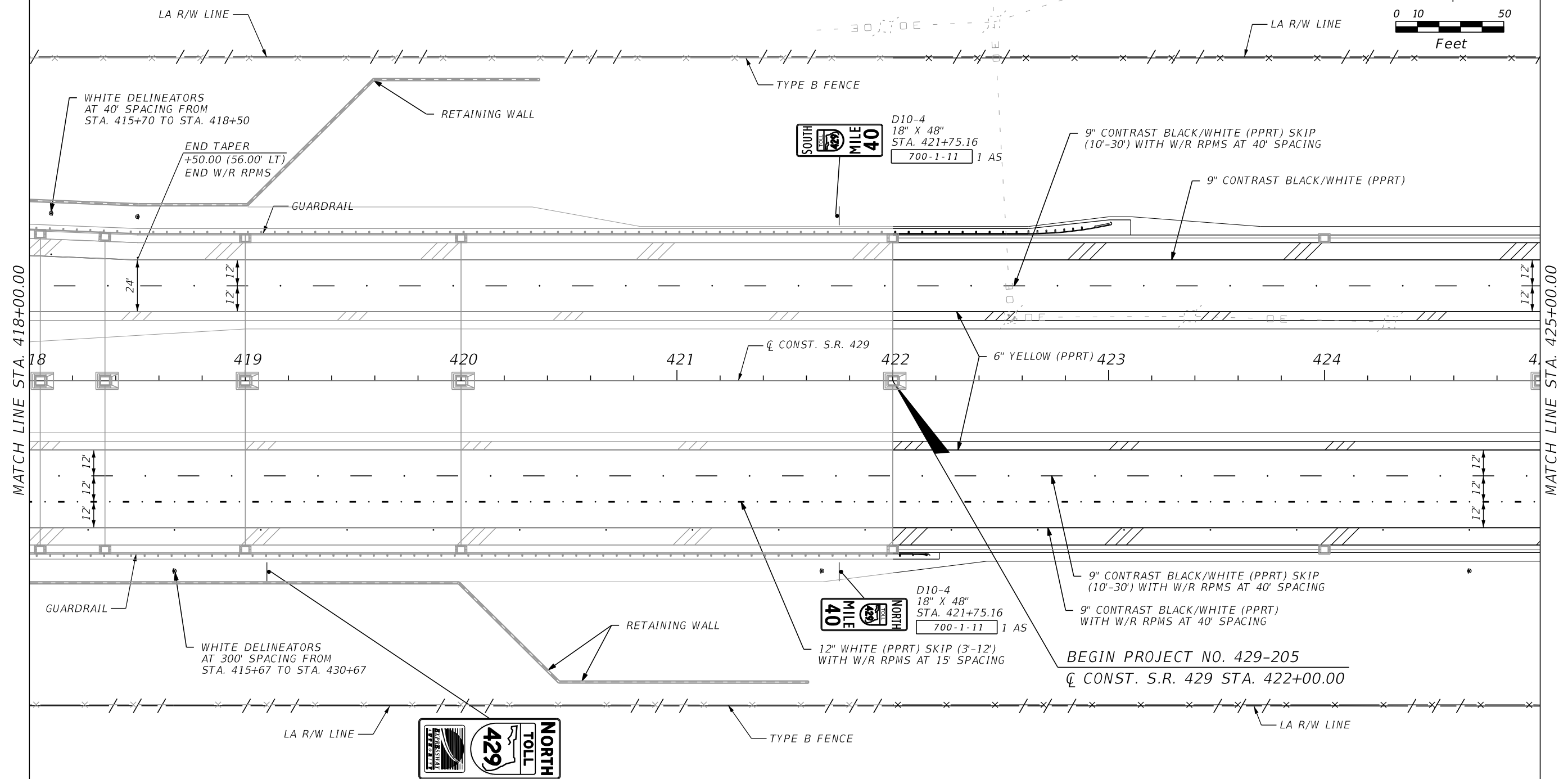
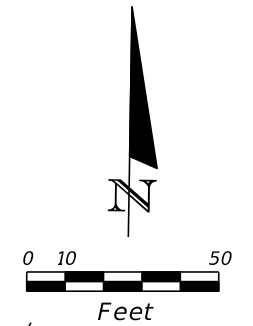
DAVID E. WAGNER, P.E.
 P.E. LICENSE NO. 49363
PARSONS
 201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
 PHONE: (407) 702-6800 / FAX: (407) 702-6950
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

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SIGNING AND PAVEMENT MARKINGS

SHEET NO.
 S-7



MATCH LINE STA. 418+00.00

MATCH LINE STA. 425+00.00



RCM-1
54" X 126"
STA. 419+10
1 AS 700-1-74
SEE SPECIAL DESIGN ROUTE
CONFIRMATION MARKERS DETAIL
SHEET S-32 FOR FURTHER
INFORMATION.

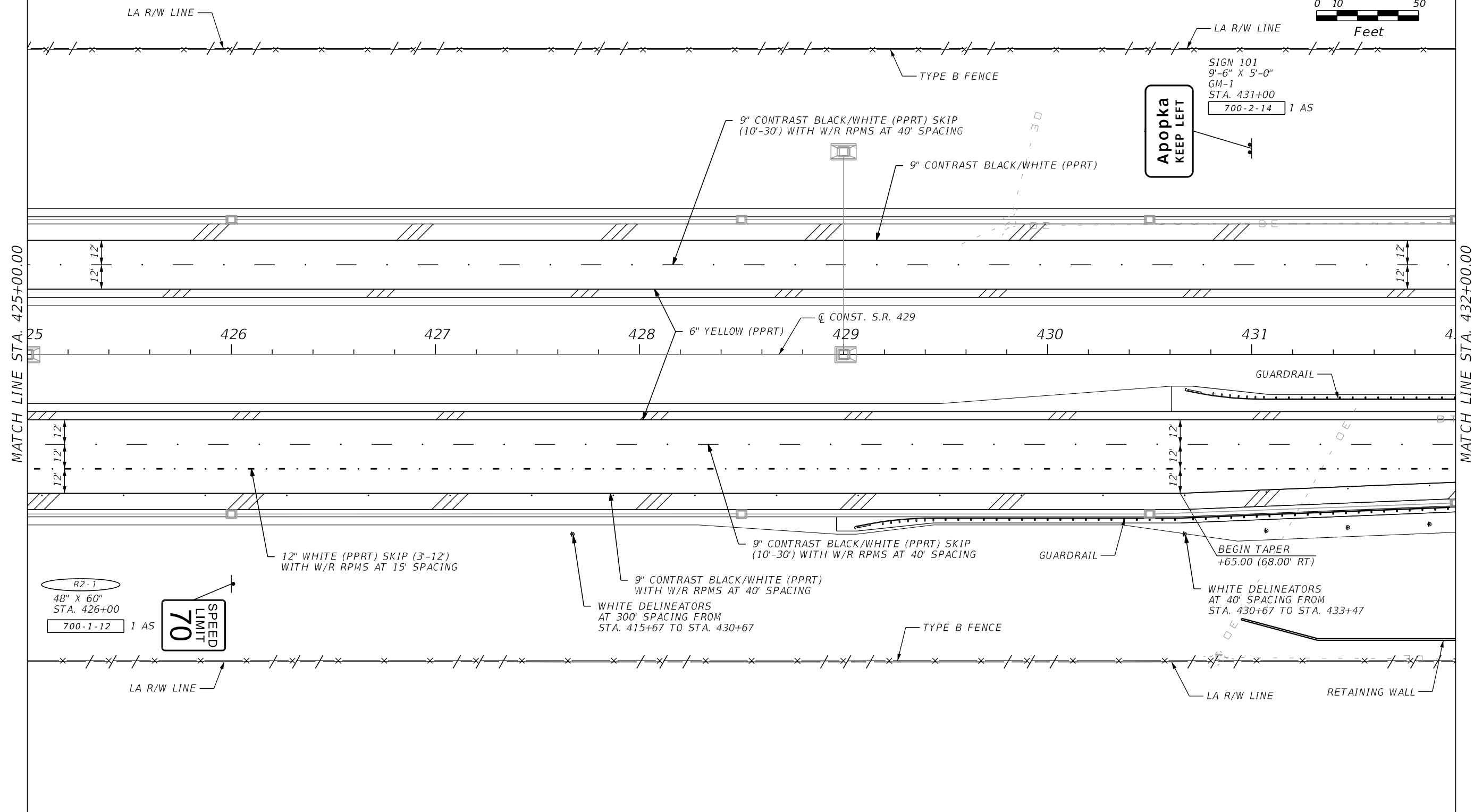
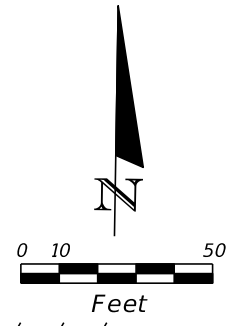
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. LICENSE NO. 49363
PARSONS
201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800 / FAX: (407) 702-6950
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ROAD NO.	PROJECT NO.
SR 429	429-205

**SIGNING AND
PAVEMENT MARKINGS**

SHEET
NO.
S-8



Apopka
KEEP LEFT

SIGN 101
9'-6" X 5'-0"
GM-1
STA. 431+00
700-2-14 1 AS

R2-1
48" X 60"
STA. 426+00
700-1-12 1 AS

SPEED
LIMIT
70

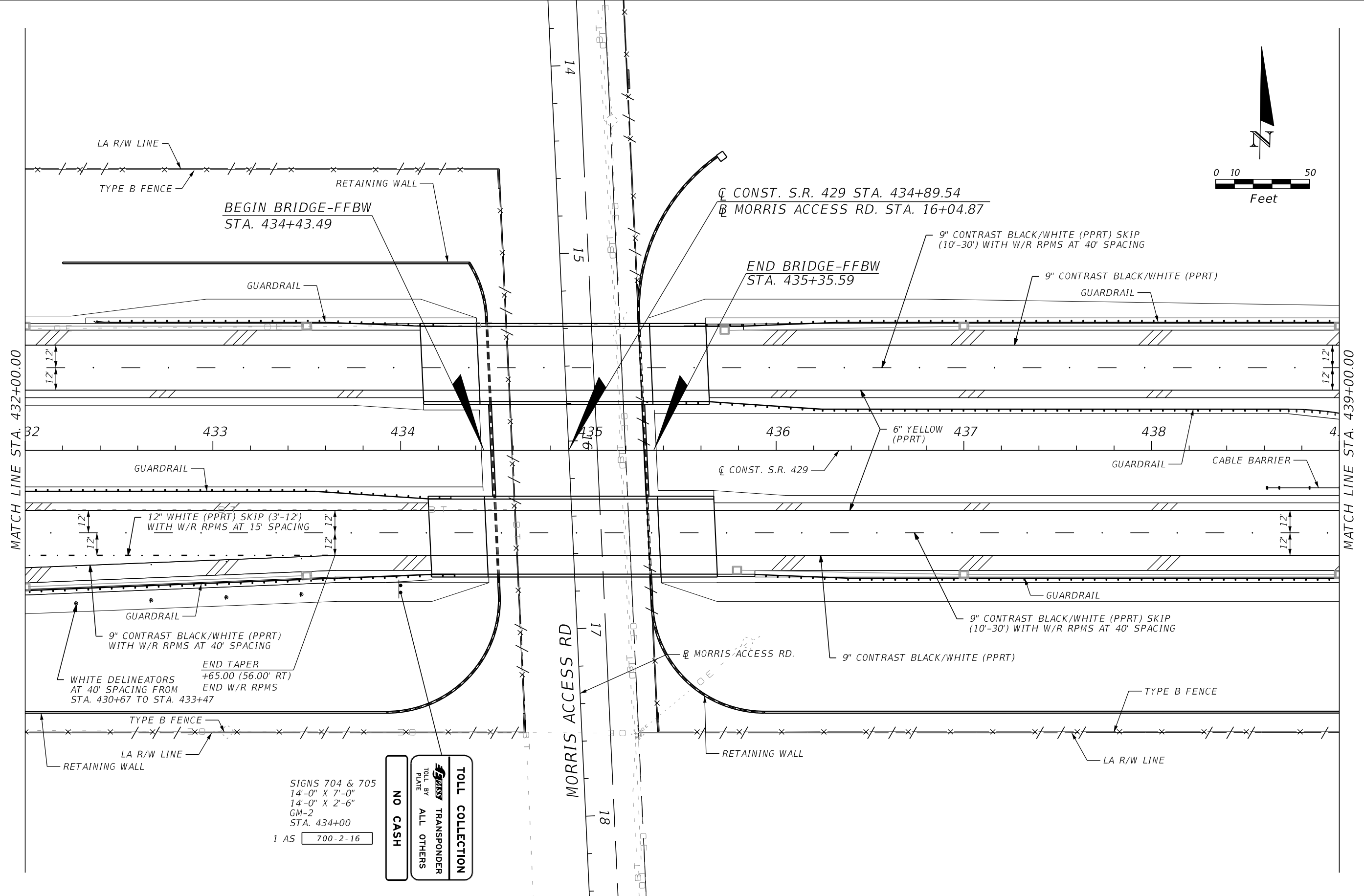
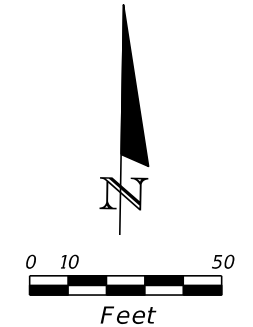
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. LICENSE NO. 49363
PARSONS
201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800 / FAX: (407) 702-6950
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SIGNING AND PAVEMENT MARKINGS

SHEET NO.
S-9



MATCH LINE STA. 432+00.00

MATCH LINE STA. 439+00.00

SIGNS 704 & 705
 14'-0" X 7'-0"
 14'-0" X 2'-6"
 GM-2
 STA. 434+00
 1 AS 700-2-16

TOLL COLLECTION

FLORIDA TRANSPODER
 TOLL BY
 PLATE OR
 ALL OTHERS

NO CASH

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

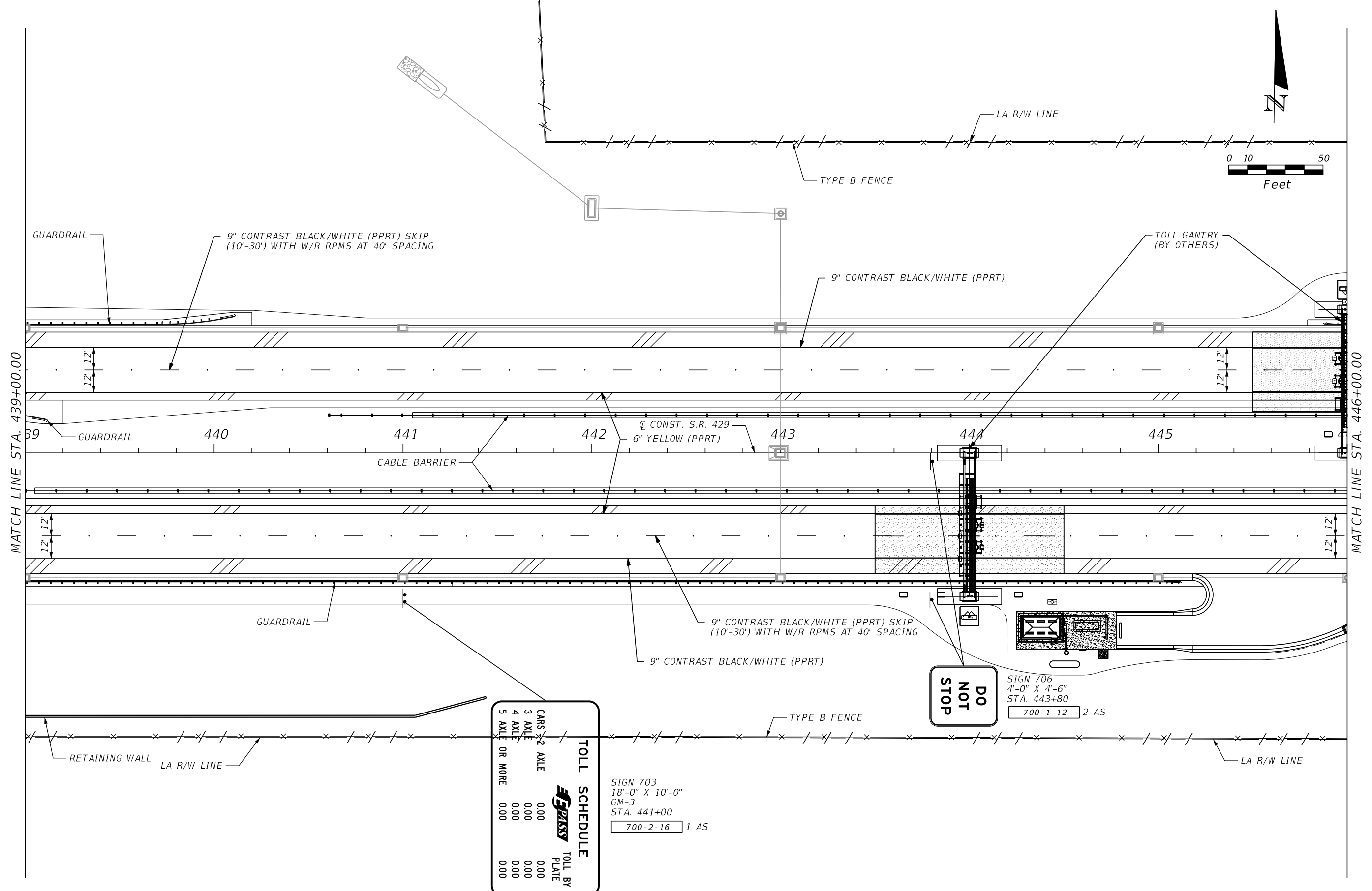
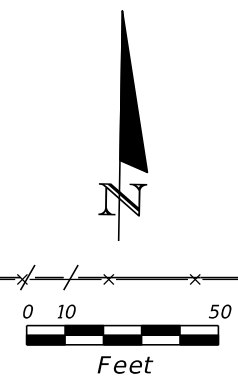
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 P.E. LICENSE NO. 49363

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ROAD NO. SR 429	PROJECT NO. 429-205

SIGNING AND PAVEMENT MARKINGS

SHEET NO.
5-10



TOLL SCHEDULE		TOLL BY PLATE	
CARS 2 AXLE	0.00	0.00	0.00
3 AXLE	0.00	0.00	0.00
4 AXLE	0.00	0.00	0.00
5 AXLE OR MORE	0.00	0.00	0.00

DO NOT STOP

SIGN 706
4'-0" X 4'-6"
STA. 443+80
700-1-12 2 AS

SIGN 703
18'-0" X 10'-0"
GM-3
STA. 441+00
700-2-16 1 AS

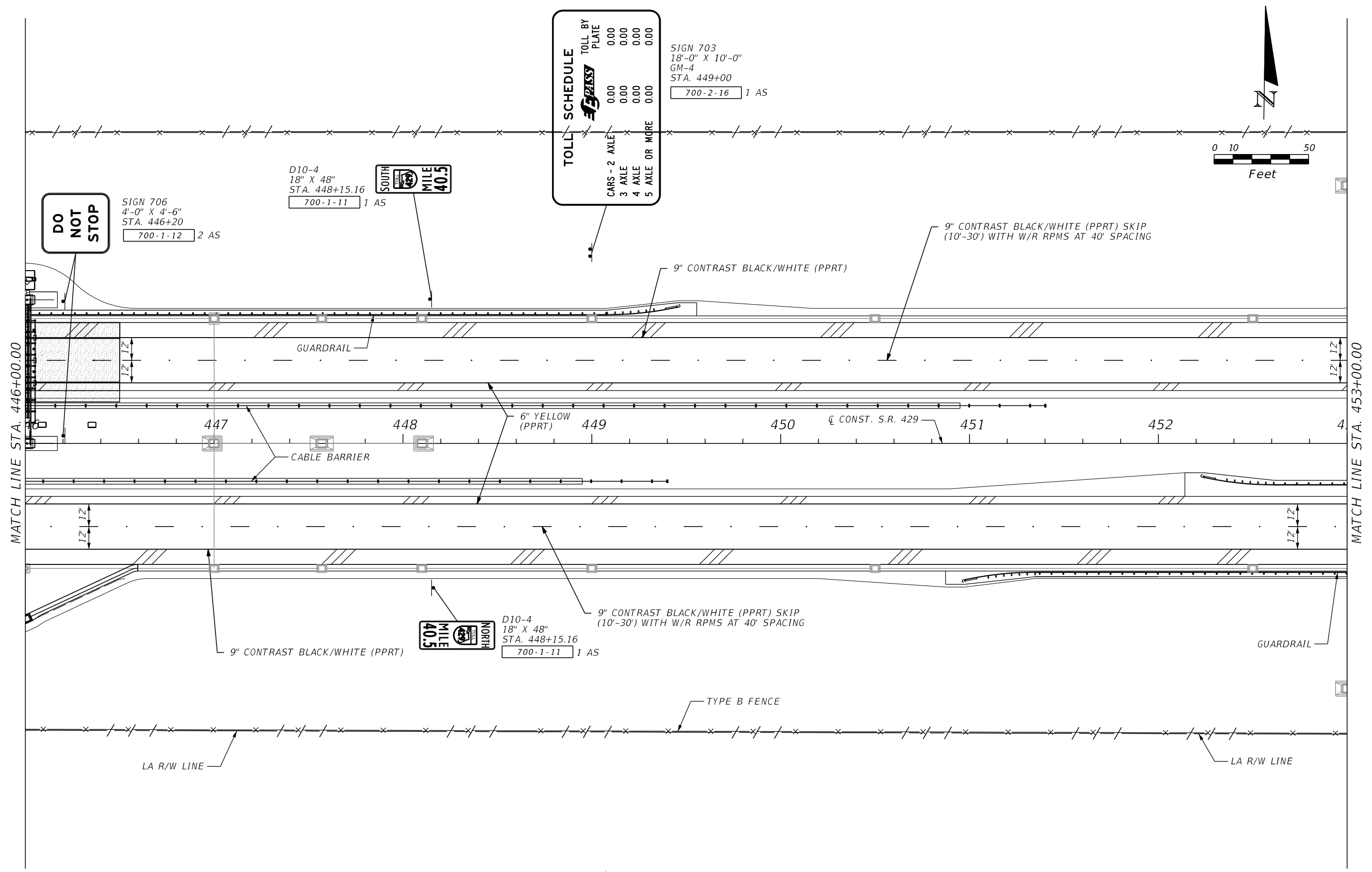
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. LICENSE NO. 49363
PARSONS
201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800 / FAX: (407) 702-6950
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ROAD NO. SR 429
PROJECT NO. 429-205

SIGNING AND PAVEMENT MARKINGS

SHEET NO. S-11



TOLL SCHEDULE	TOLL BY PLATE
CARS - 2 AXLE	0.00
3 AXLE	0.00
4 AXLE	0.00
5 AXLE OR MORE	0.00

SIGN 703
 18'-0" X 10'-0"
 GM-4
 STA. 449+00
 700-2-16 1 AS

SIGN 706
 4'-0" X 4'-6"
 STA. 446+20
 700-1-12 2 AS

D10-4
 18" X 48"
 STA. 448+15.16
 700-1-11 1 AS

D10-4
 18" X 48"
 STA. 448+15.16
 700-1-11 1 AS

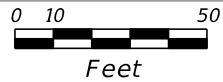
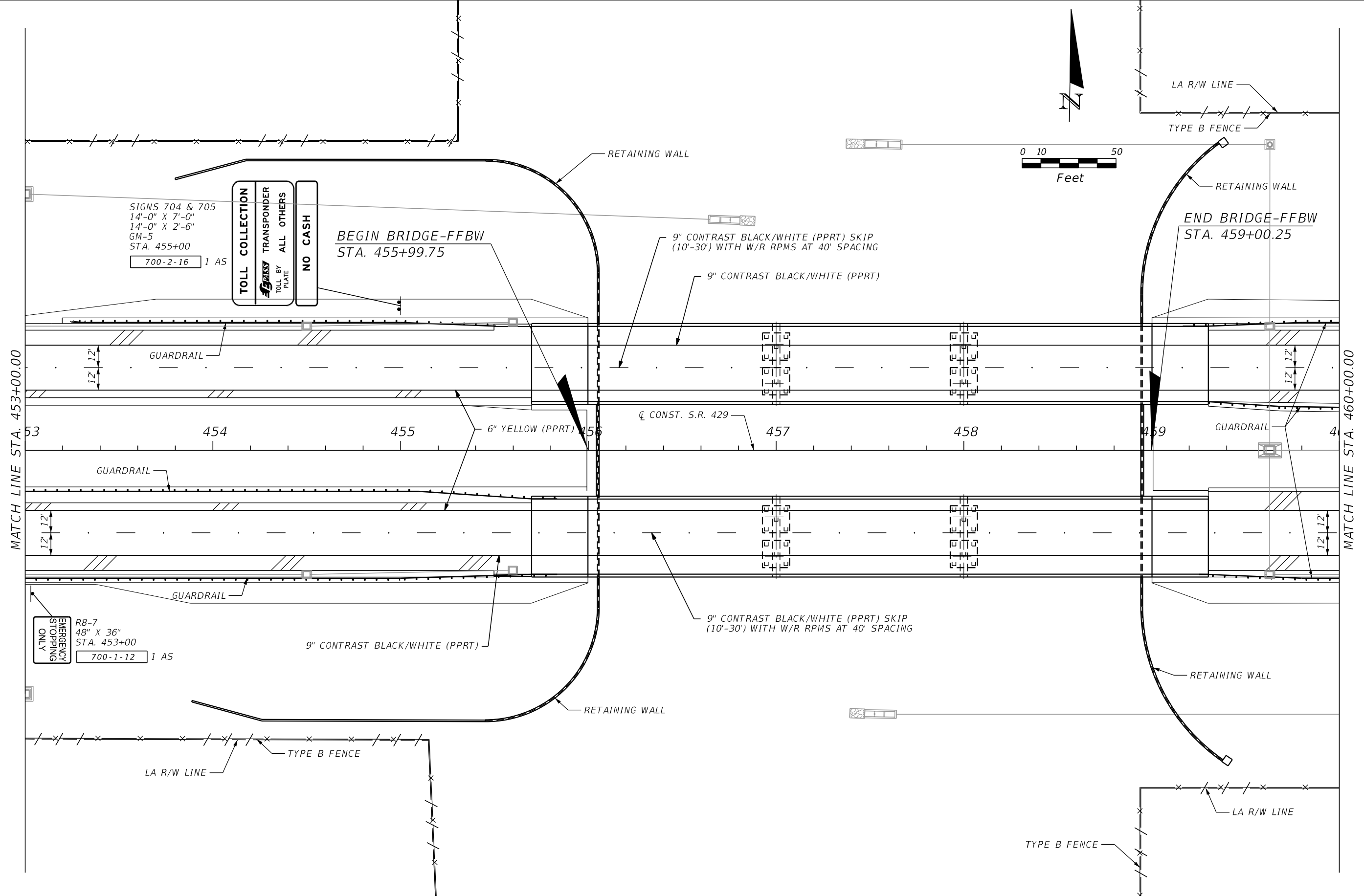
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 P.E. LICENSE NO. 49363
PARSONS
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 PHONE: (407) 702-6800 / FAX: (407) 702-6950
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SIGNING AND PAVEMENT MARKINGS

SHEET NO.
 S-12



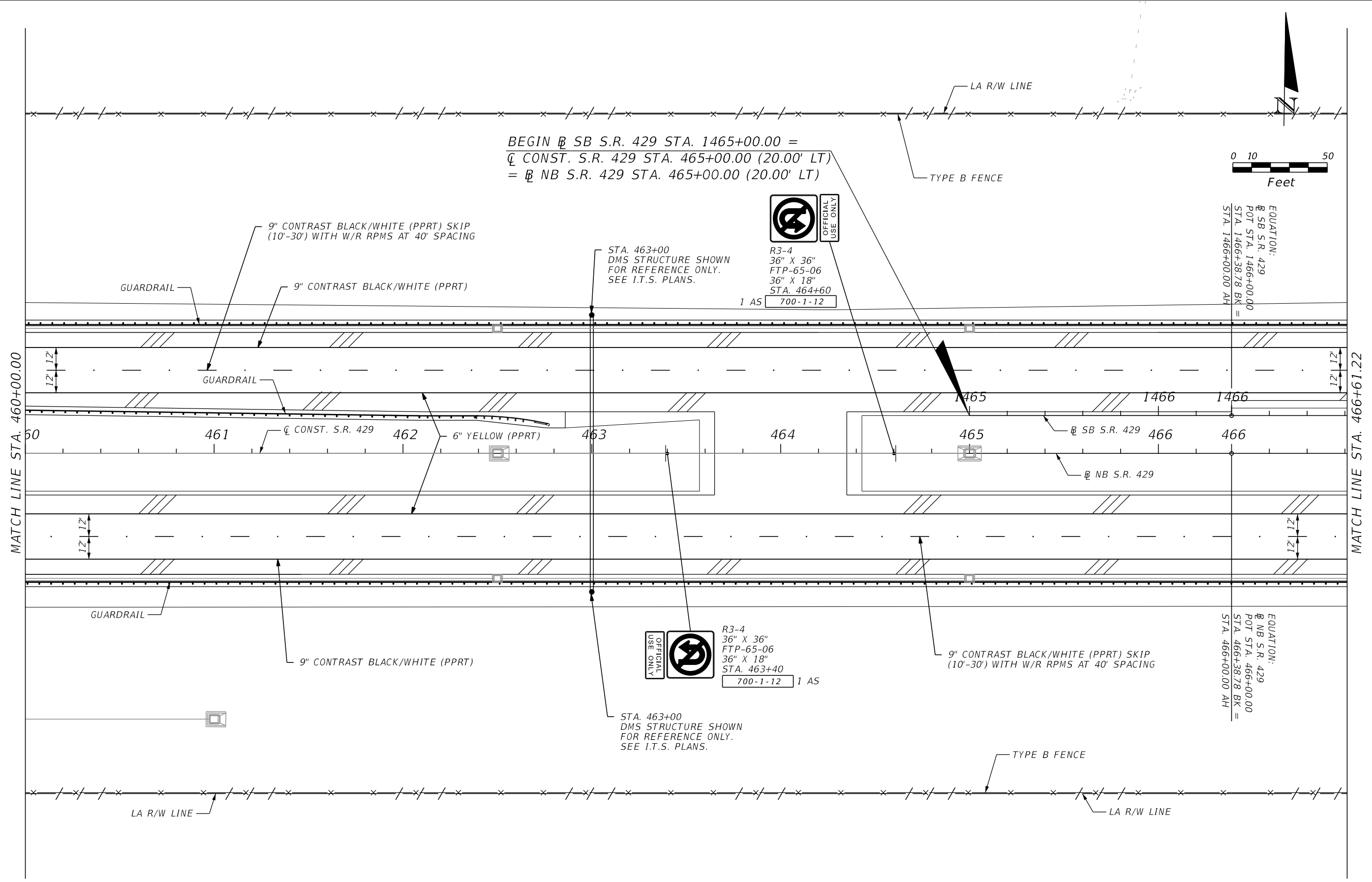
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P.E. LICENSE NO. 49363
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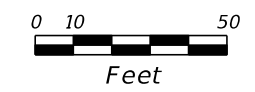
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ROAD NO.	PROJECT NO.
SR 429	429-205

SIGNING AND PAVEMENT MARKINGS

SHEET NO.
S-13



BEGIN @ SB S.R. 429 STA. 1465+00.00 =
 @ CONST. S.R. 429 STA. 465+00.00 (20.00' LT)
 = @ NB S.R. 429 STA. 465+00.00 (20.00' LT)

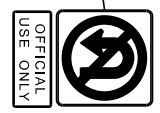


EQUATION:
 @ SB S.R. 429
 POT STA. 1466+00.00
 STA. 1466+38.78 BK =
 STA. 1466+00.00 AH

EQUATION:
 @ NB S.R. 429
 POT STA. 466+00.00
 STA. 466+38.78 BK =
 STA. 466+00.00 AH



R3-4
 36" X 36"
 FTP-65-06
 36" X 18"
 STA. 464+60
 700-1-12 1 AS



R3-4
 36" X 36"
 FTP-65-06
 36" X 18"
 STA. 463+40
 700-1-12 1 AS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

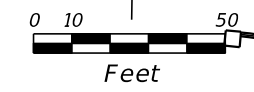
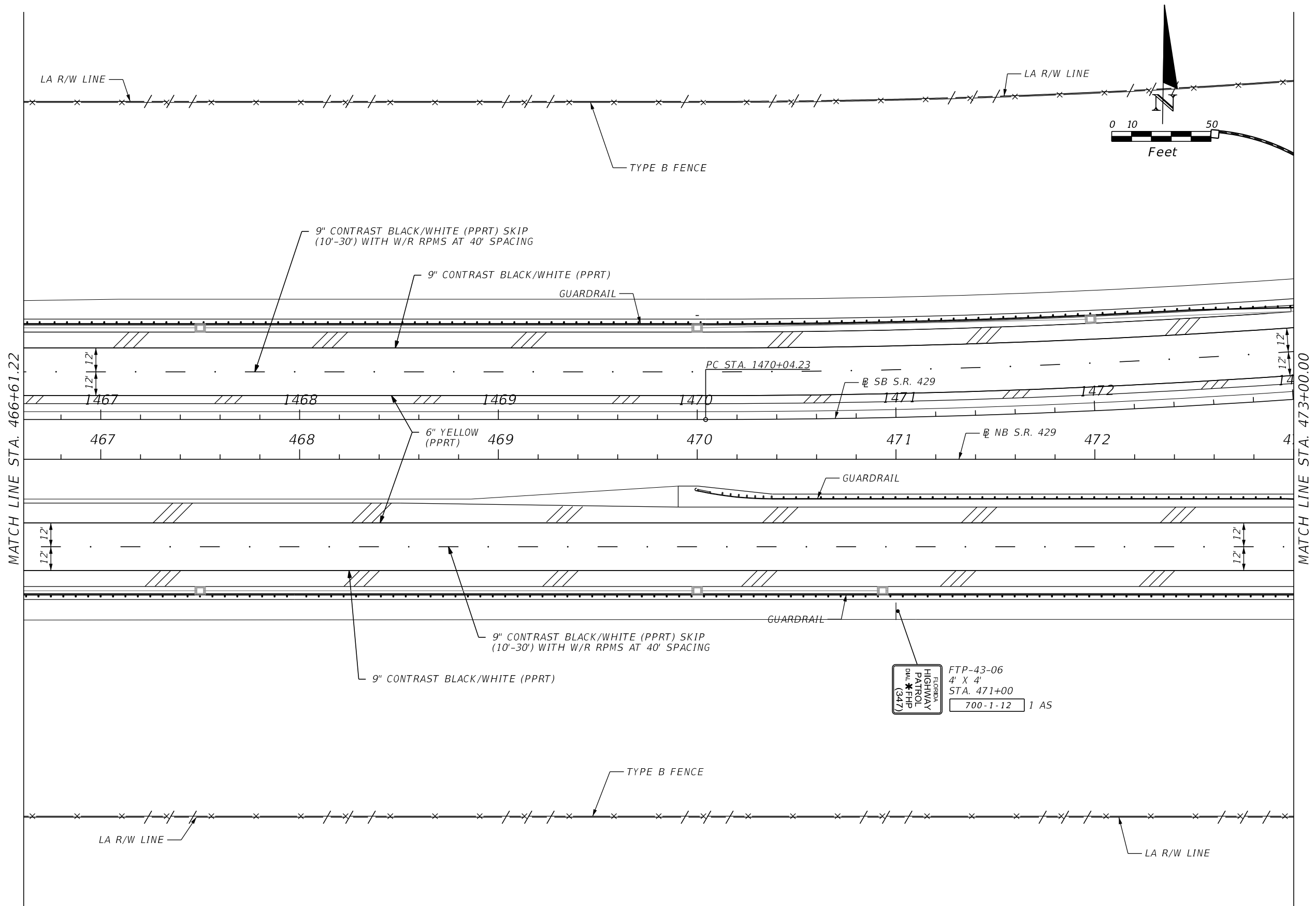
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 P.E. LICENSE NO. 49363
PARSONS
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CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-205

**SIGNING AND
 PAVEMENT MARKINGS**

SHEET
 NO.
S-14



MATCH LINE STA. 466+61.22

MATCH LINE STA. 473+00.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

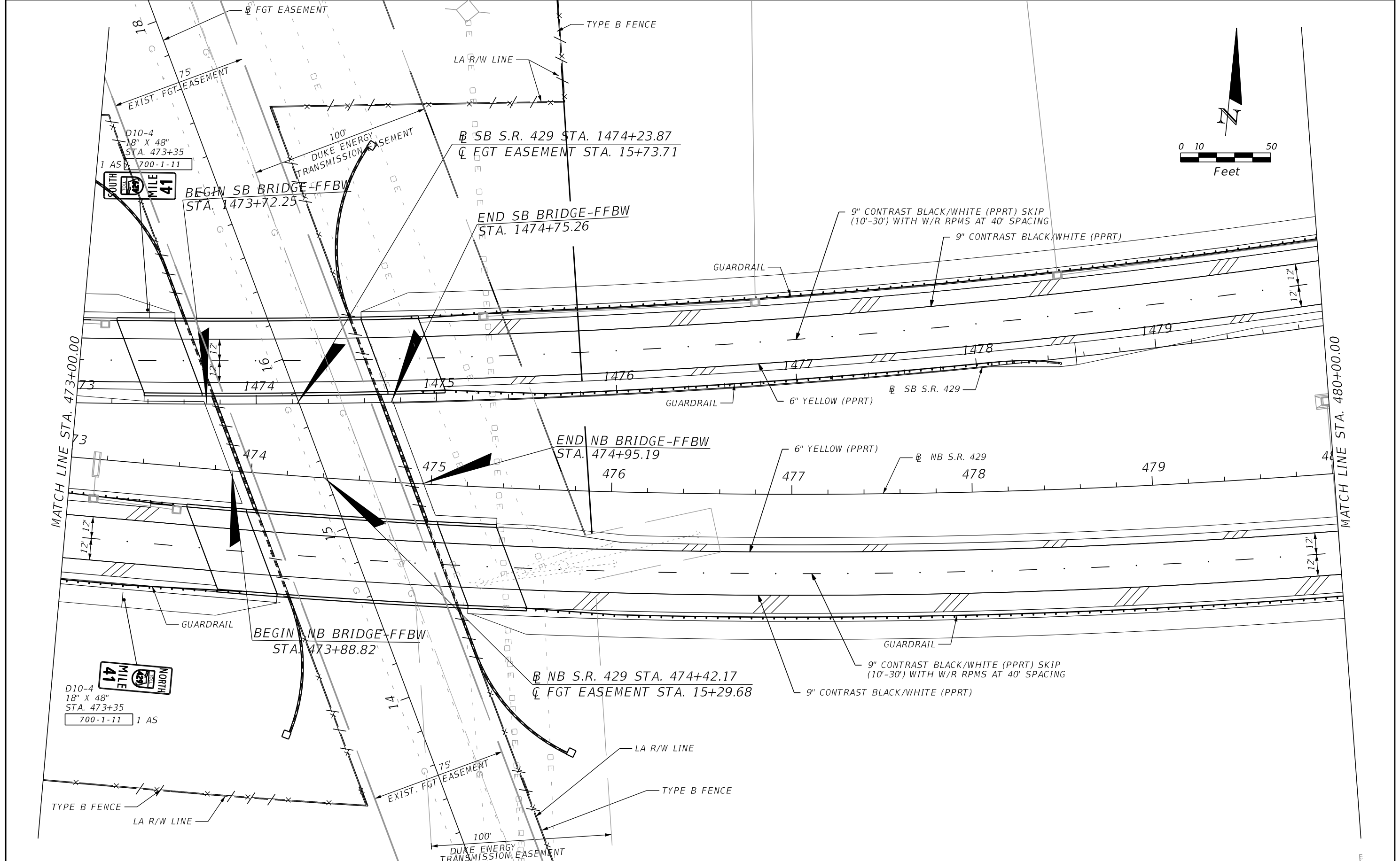
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P.E. LICENSE NO. 49363
PARSONS
201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800 / FAX: (407) 702-6950
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-205

SIGNING AND PAVEMENT MARKINGS

SHEET NO.
5-15



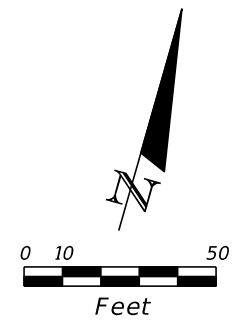
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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P.E. LICENSE NO. 49363
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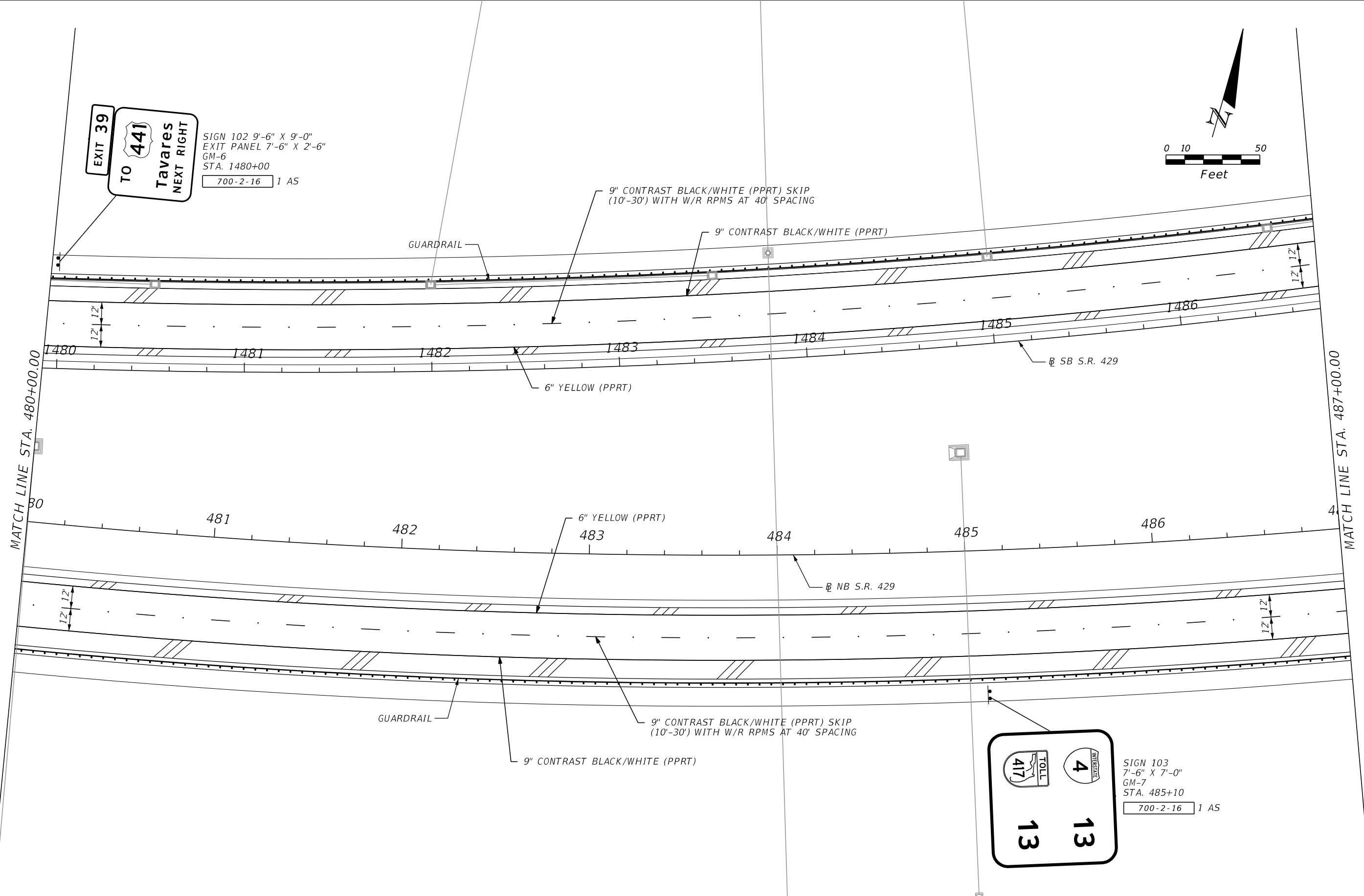
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-205

SIGNING AND PAVEMENT MARKINGS

SHEET NO.
5-16



EXIT 39
TO 441
Tavares
NEXT RIGHT
 SIGN 102 9'-6" X 9'-0"
 EXIT PANEL 7'-6" X 2'-6"
 GM-6
 STA. 1480+00
 700-2-16 1 AS



TOLL 417
INTERSTATE 4
13 13
 SIGN 103
 7'-6" X 7'-0"
 GM-7
 STA. 485+10
 700-2-16 1 AS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION


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 P.E. LICENSE NO. 49363
PARSONS
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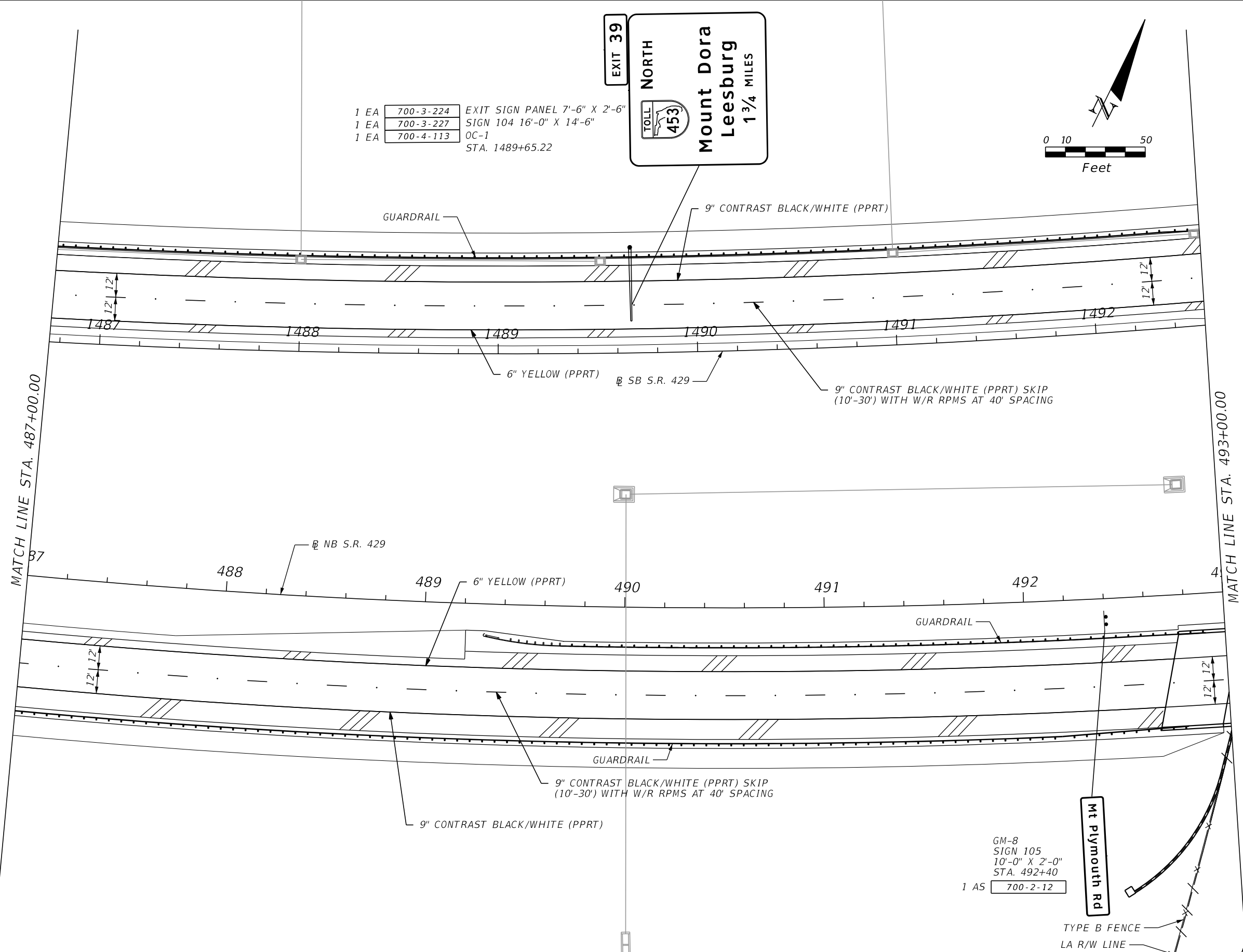
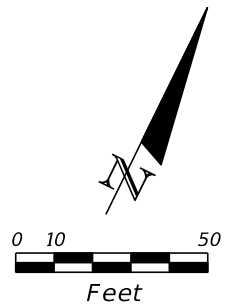
CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-205

**SIGNING AND
 PAVEMENT MARKINGS**

SHEET NO.
 5-17

- 1 EA 700-3-224 EXIT SIGN PANEL 7'-6" X 2'-6"
- 1 EA 700-3-227 SIGN 104 16'-0" X 14'-6"
- 1 EA 700-4-113 OC-1
STA. 1489+65.22

EXIT 39
NORTH

Mount Dora
Leesburg
1 3/4 MILES



MATCH LINE STA. 487+00.00

MATCH LINE STA. 493+00.00

GM-8
 SIGN 105
 10'-0" X 2'-0"
 STA. 492+40
 1 AS 700-2-12

Mt Plymouth Rd

TYPE B FENCE
 LA R/W LINE

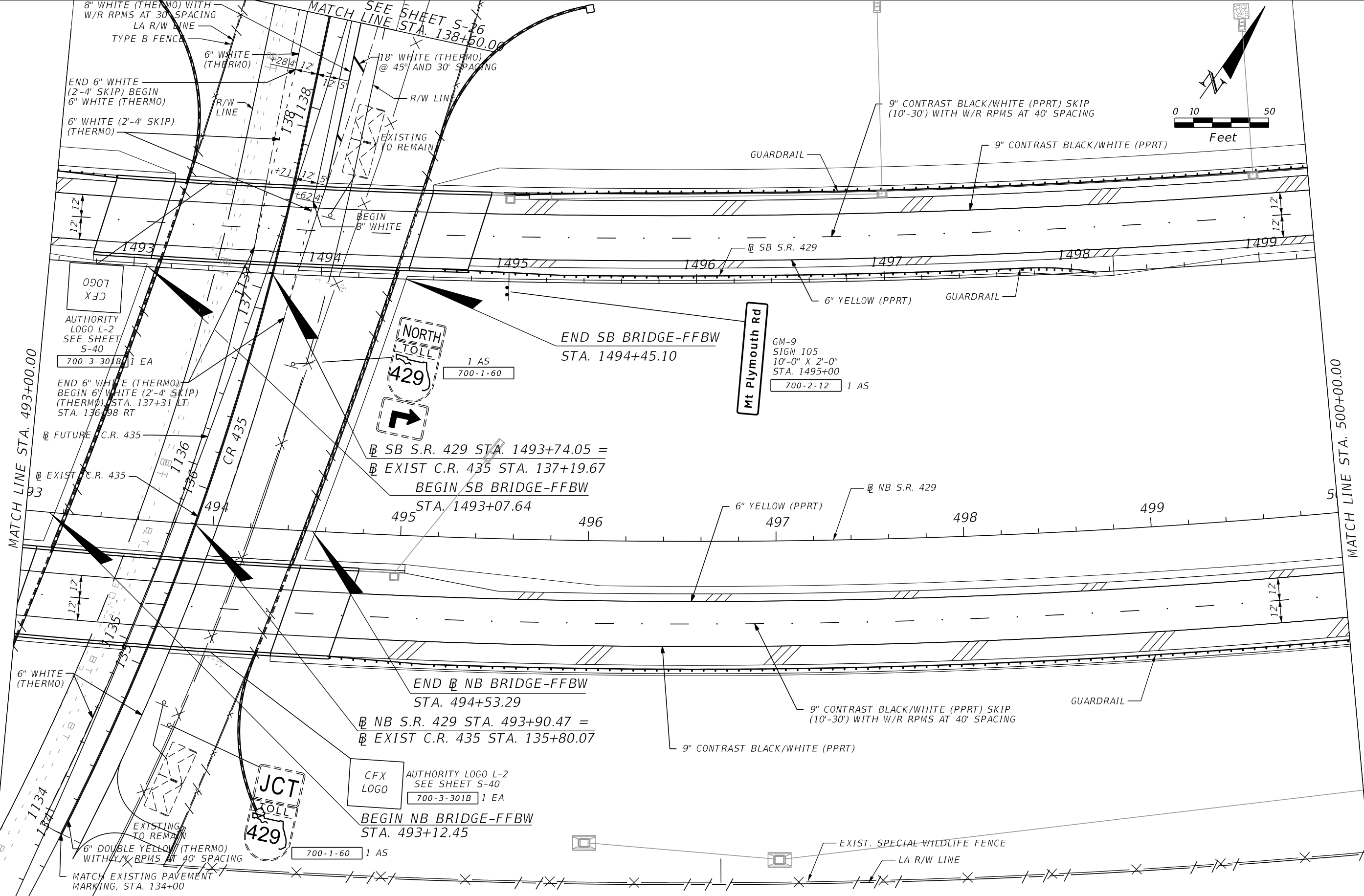
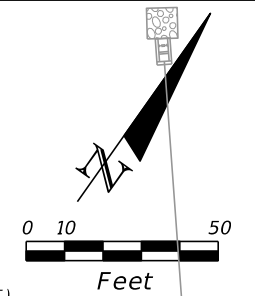
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DAVID E. WAGNER, P.E.
 P.E. LICENSE NO. 49363
PARSONS
 201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
 PHONE: (407) 702-6800 / FAX: (407) 702-6950
 CERTIFICATE OF AUTHORIZATION NO. 1838

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-205

SIGNING AND PAVEMENT MARKINGS

SHEET NO.
5-18



MATCH LINE STA. 493+00.00

MATCH LINE STA. 500+00.00

REVISIONS	
DATE	DESCRIPTION

DAVID E. WAGNER, P.E.
P.E. LICENSE NO. 49363

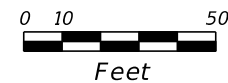
PARSONS
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-205

**SIGNING AND
PAVEMENT MARKINGS**

SHEET
NO.
5-19

D10-4
18" X 48"
STA. 500+56.38
700-1-11 1 AS



GUARDRAIL

12' 12"

12' 12"

1500

1501

1502

1503

SB S.R. 429

1504

1505

1506

6" YELLOW (PPRT)

9" CONTRAST BLACK/WHITE (PPRT)

9" CONTRAST BLACK/WHITE (PPRT) SKIP
(10'-30') WITH W/R RPMS AT 40' SPACING

END FULL WIDTH SB CONST.
STA. 1506+00.00 @ SB S.R. 429
BEGIN MILLING & RESURFACING

MATCH LINE STA. 500+00.00

MATCH LINE STA. 507+00.00

501

502

6" YELLOW (PPRT)

503

504

NB S.R. 429

505

506

12' 12"

12' 12"



D10-4
18" X 48"
STA. 500+56.38
700-1-11 1 AS

GUARDRAIL

9" CONTRAST BLACK/WHITE (PPRT) SKIP
(10'-30') WITH W/R RPMS AT 40' SPACING

9" CONTRAST BLACK/WHITE (PPRT)

EXIST. SPECIAL WILDLIFE FENCE

LA R/W LINE

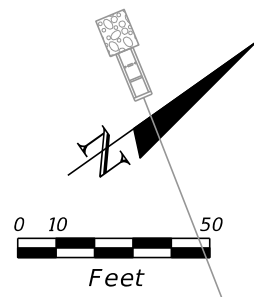
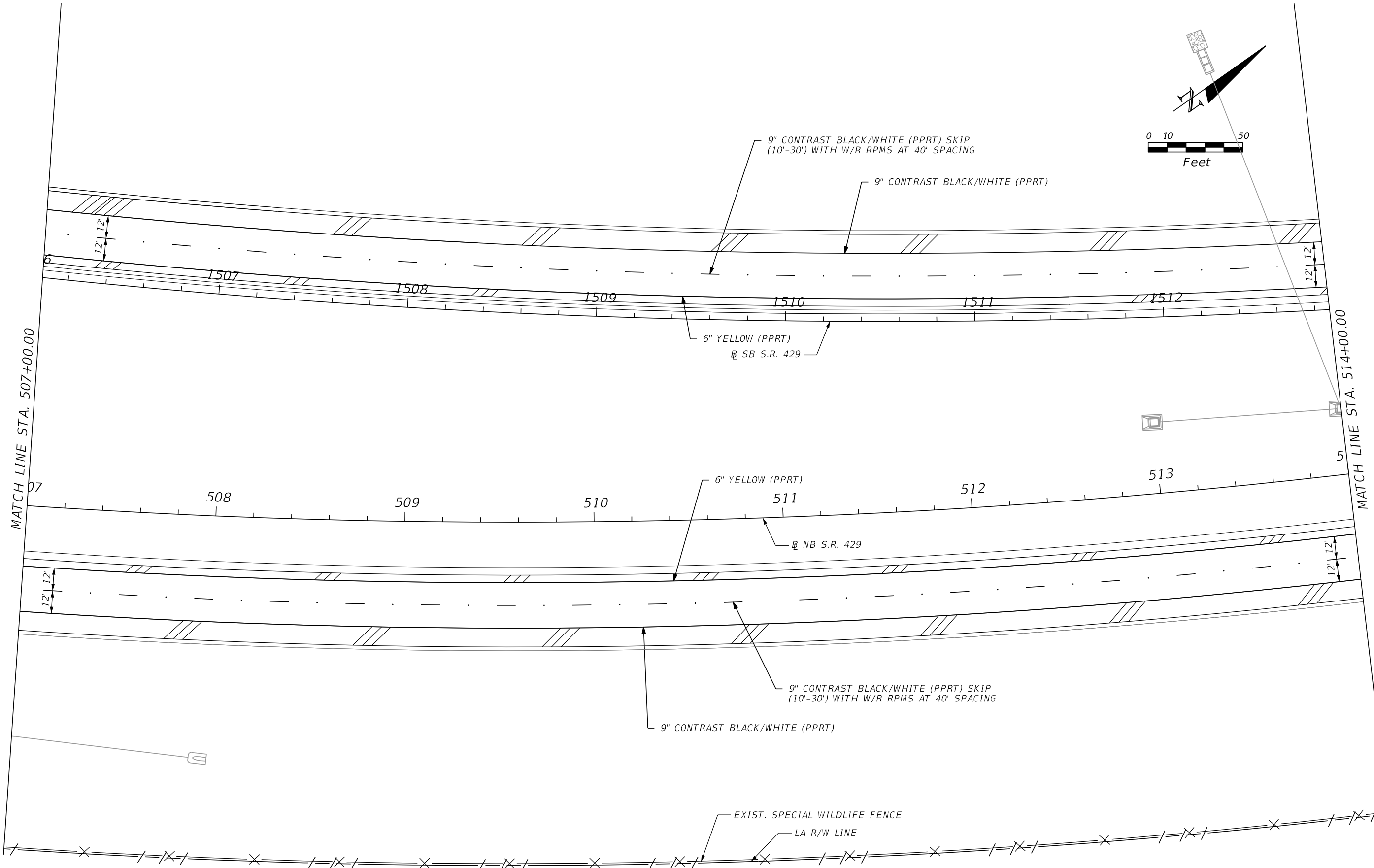
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CENTRAL FLORIDA
EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-205

**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
S-20



MATCH LINE STA. 507+00.00

MATCH LINE STA. 514+00.00

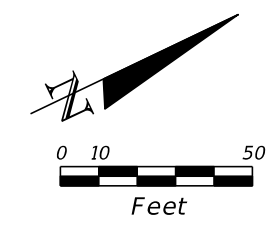
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DATE	DESCRIPTION	DATE	DESCRIPTION

DAVID E. WAGNER, P.E.
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-205

SIGNING AND PAVEMENT MARKINGS

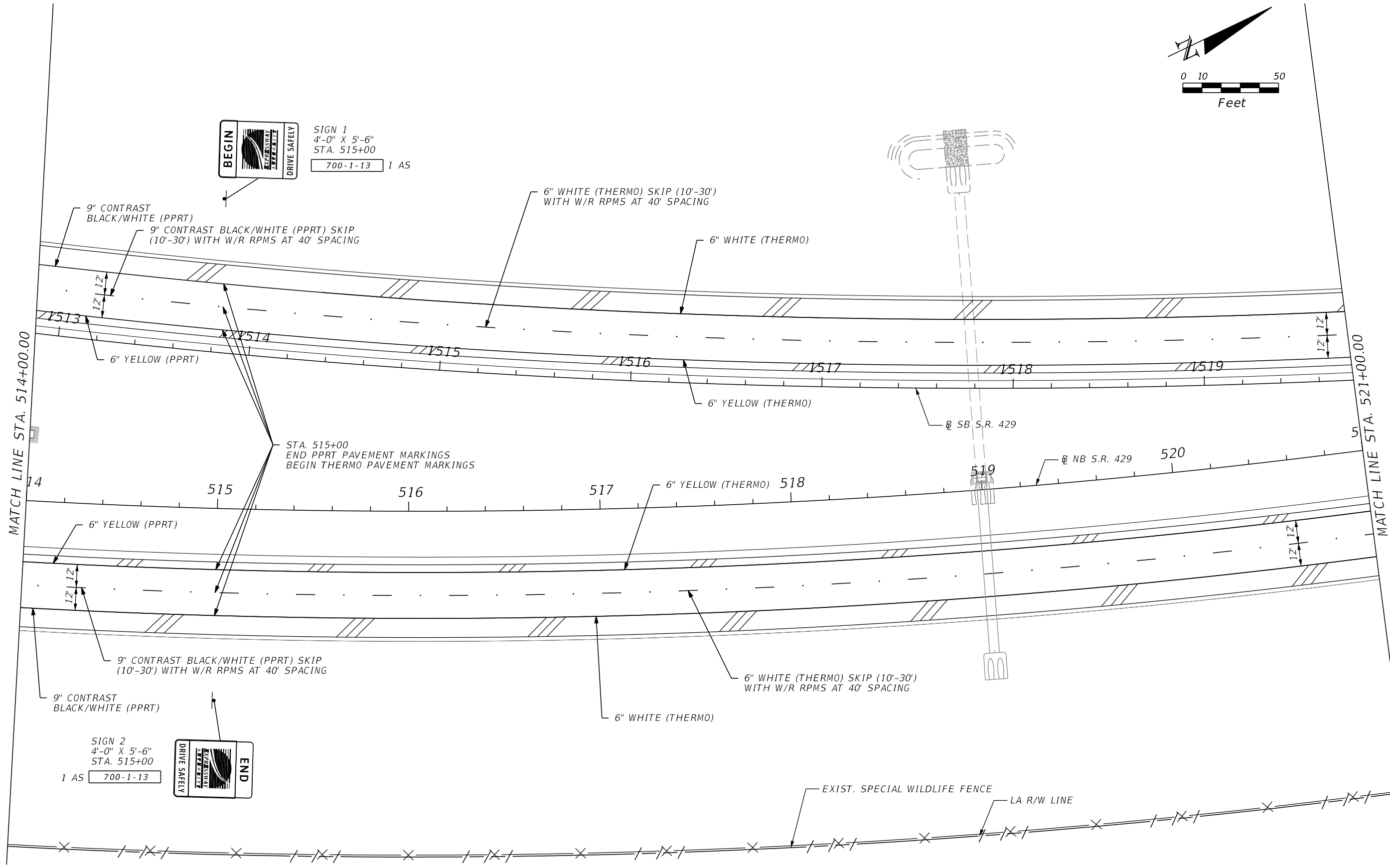
SHEET NO.
S-21



SIGN 1
4'-0" X 5'-6"
STA. 515+00
700-1-13 1 AS



SIGN 2
4'-0" X 5'-6"
STA. 515+00
700-1-13 1 AS



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

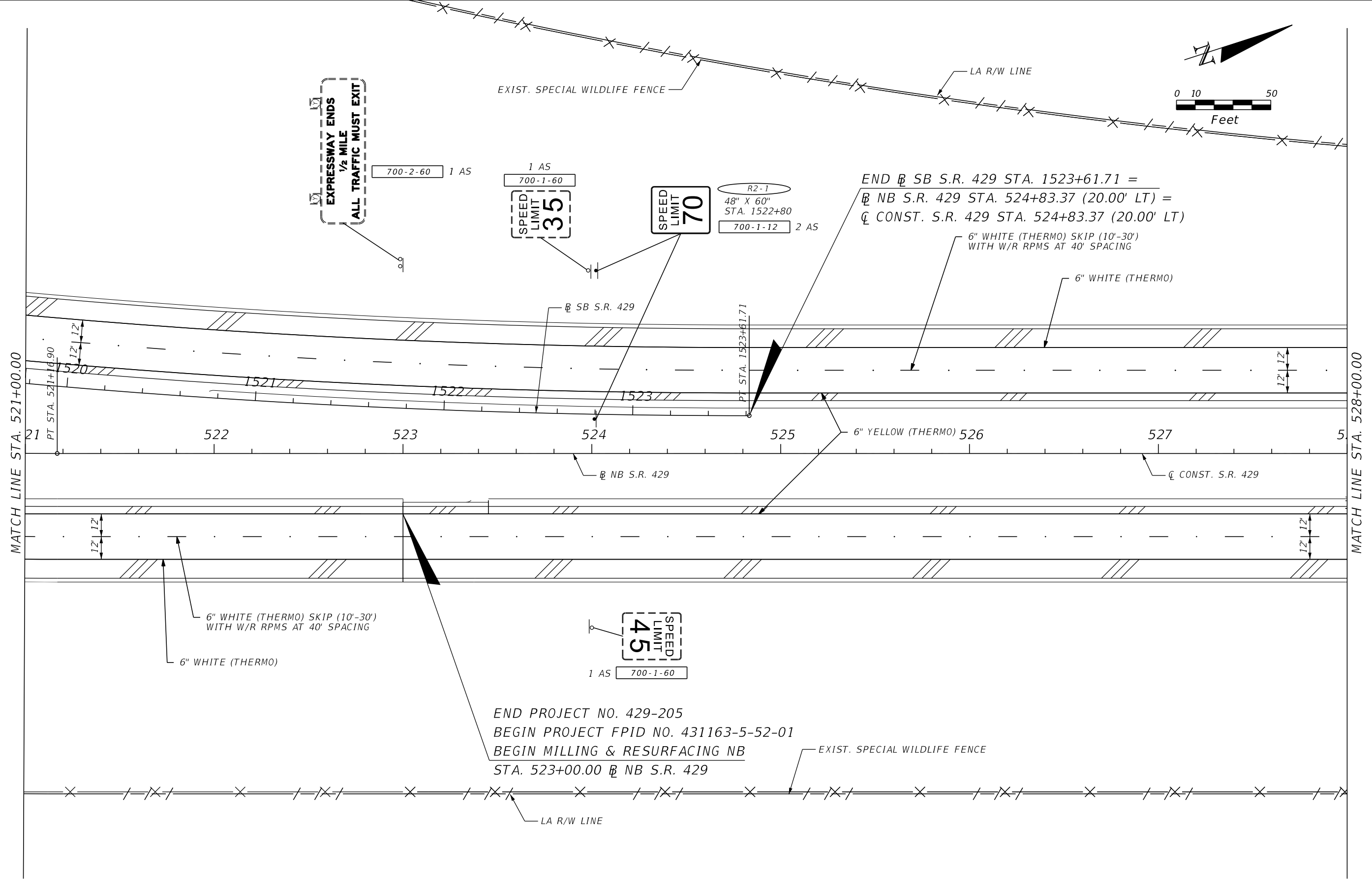
DAVID E. WAGNER, P.E.
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PARSONS
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CENTRAL FLORIDA
EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-205

**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
S-22



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

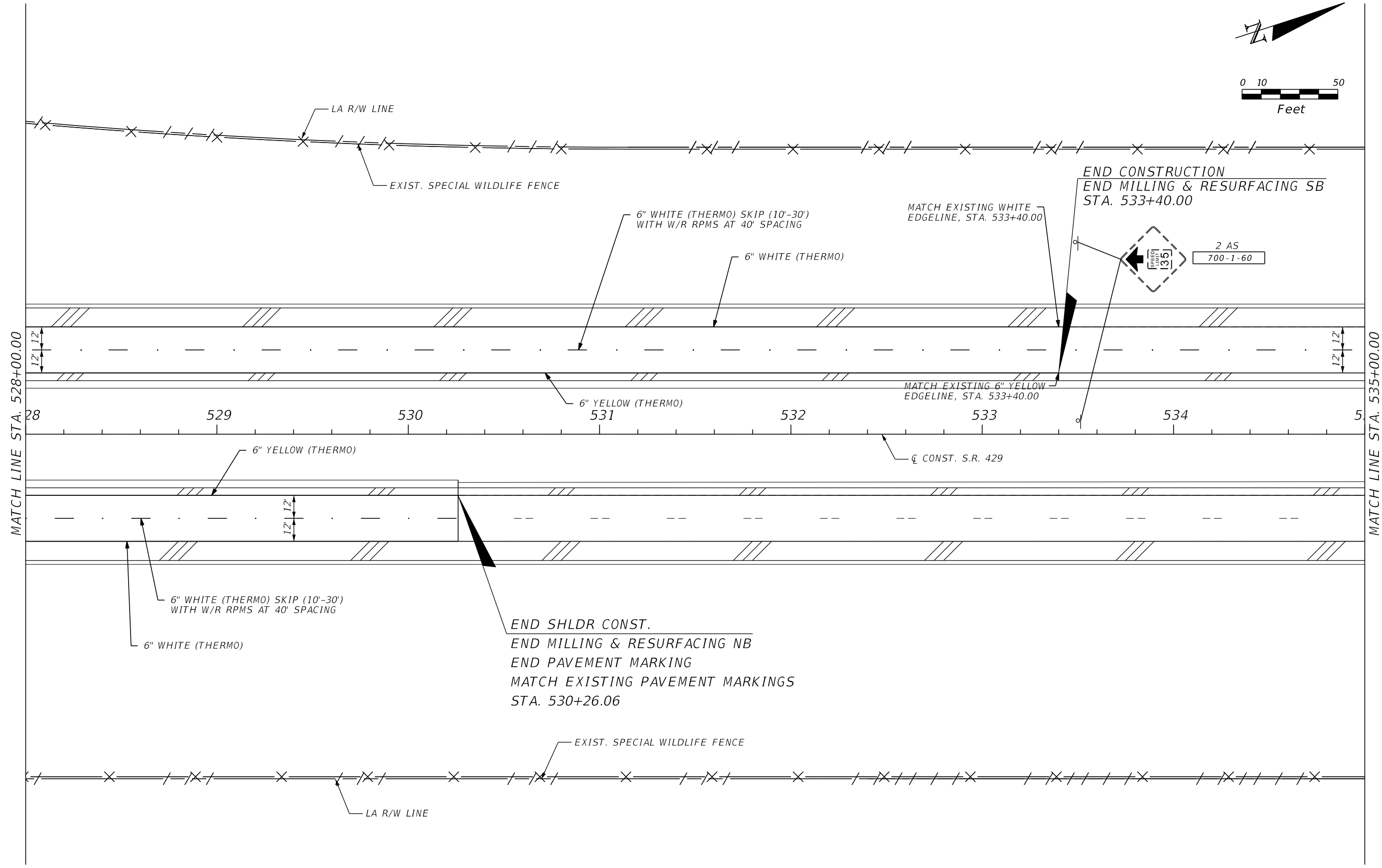
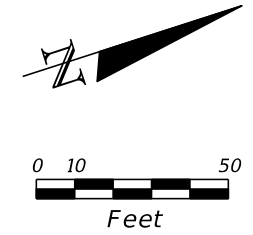
DAVID E. WAGNER, P.E.
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PARSONS
201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
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CERTIFICATE OF AUTHORIZATION NO. 1838

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-205

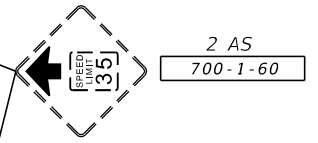
**SIGNING AND
PAVEMENT MARKINGS**

SHEET NO.
S-23



END SHLDR CONST.
 END MILLING & RESURFACING NB
 END PAVEMENT MARKING
 MATCH EXISTING PAVEMENT MARKINGS
 STA. 530+26.06

END CONSTRUCTION
 END MILLING & RESURFACING SB
 STA. 533+40.00



REVISIONS			
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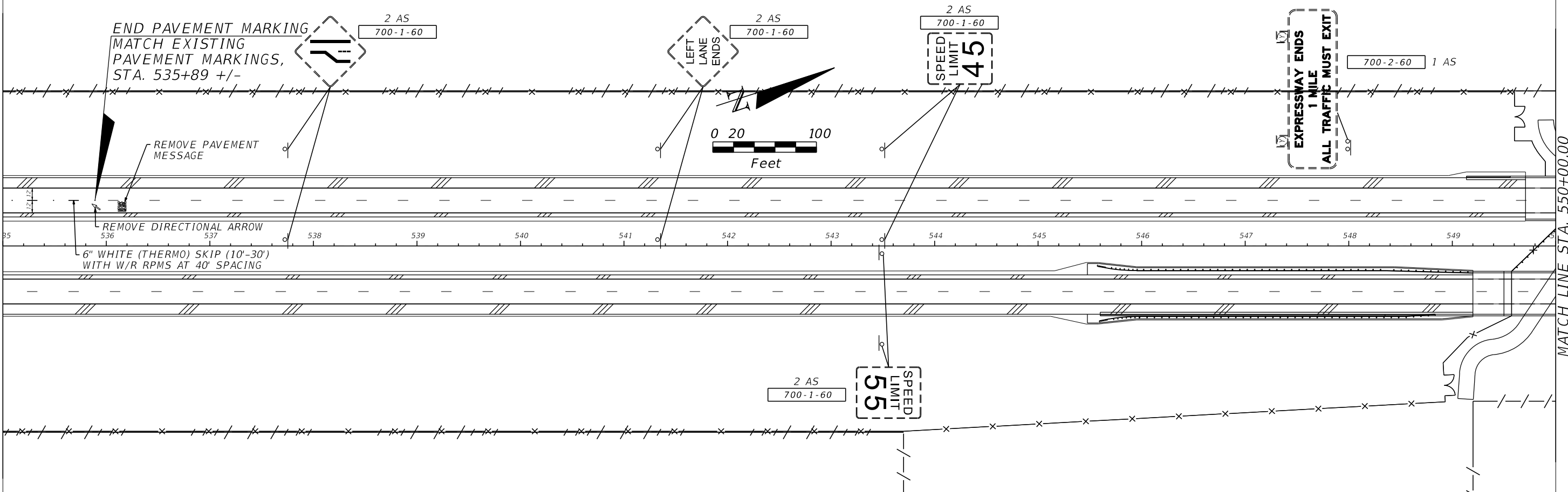
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-205

SIGNING AND PAVEMENT MARKINGS

SHEET NO.
 S-24

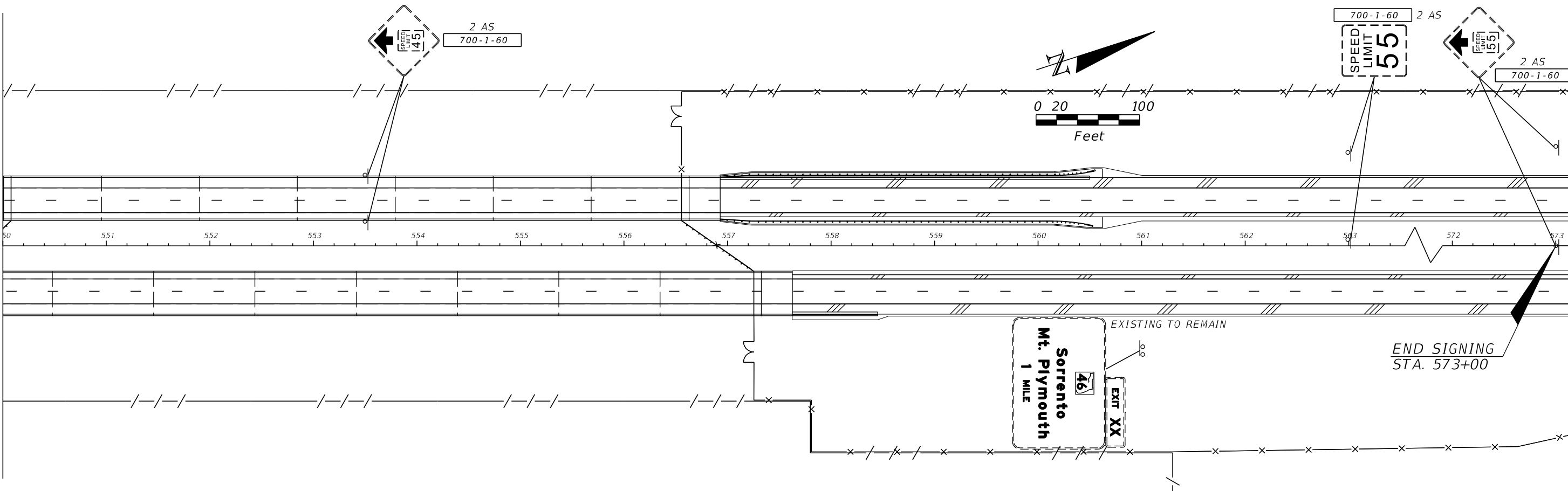
MATCH LINE STA. 535+00.00

MATCH LINE STA. 550+00.00



MATCH LINE STA. 550+00.00

MATCH LINE STA. 573+00.00



REVISIONS			
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CENTRAL FLORIDA EXPRESSWAY AUTHORITY

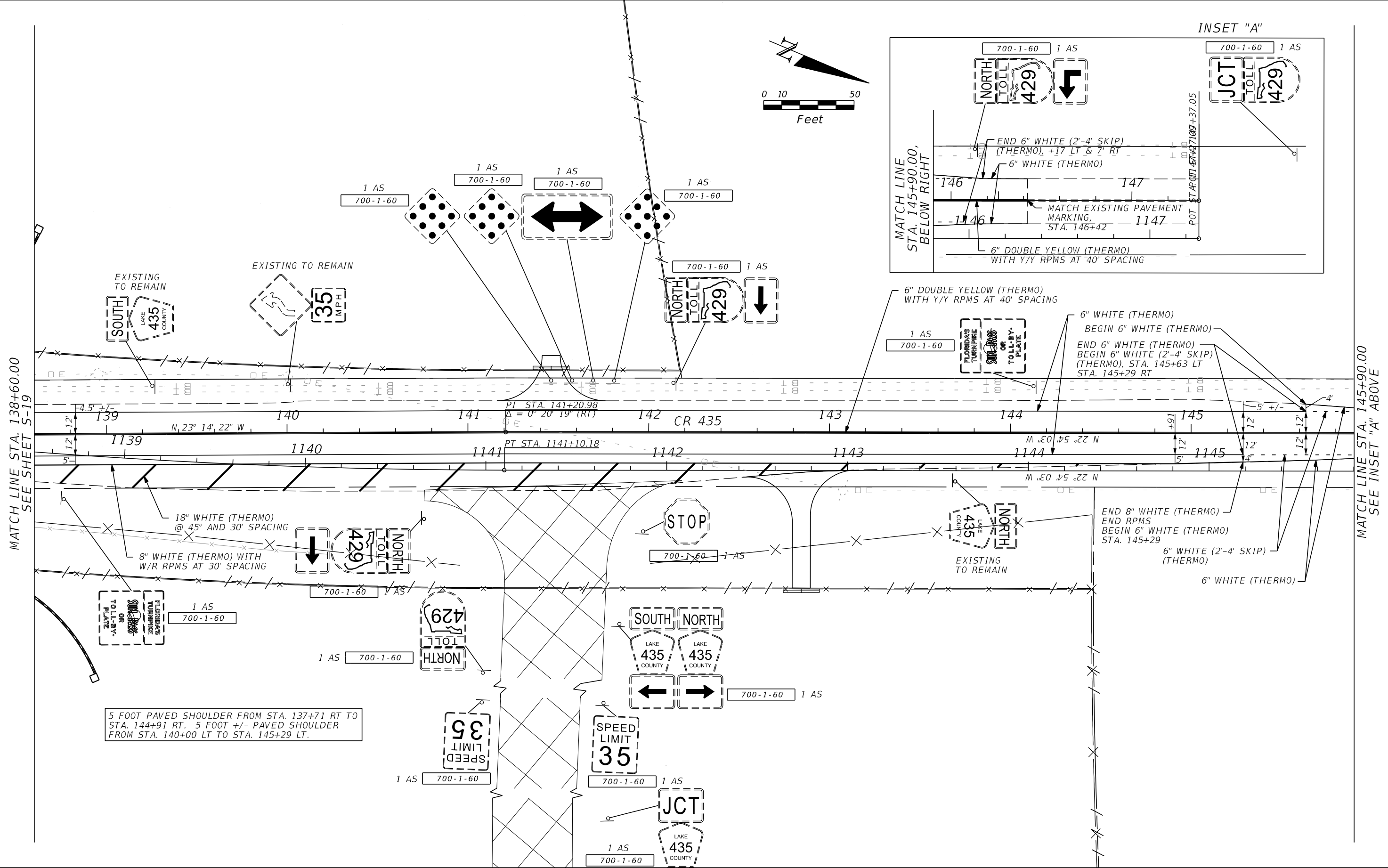
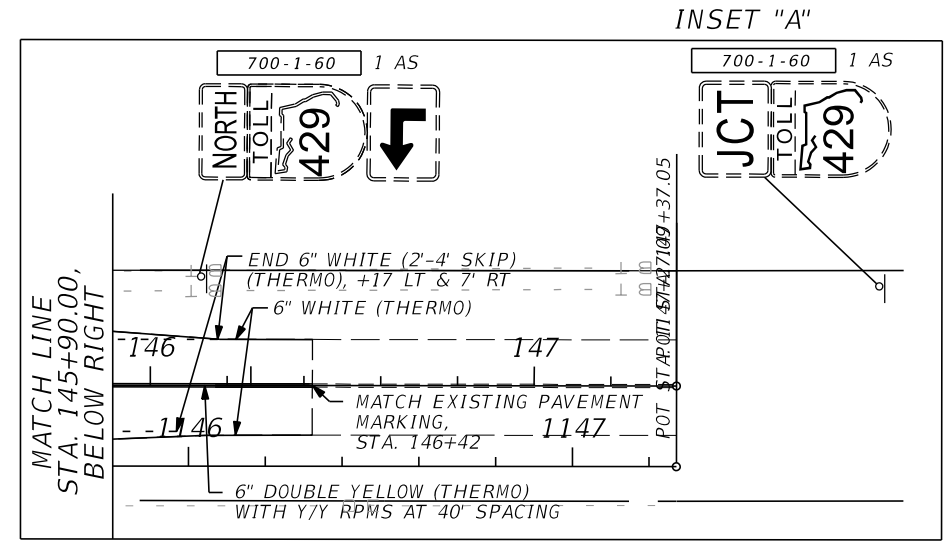
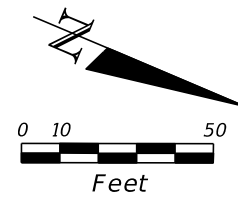
ROAD NO.	PROJECT NO.
SR 429	429-205

SIGNING AND PAVEMENT MARKINGS

SHEET NO.
S-25

MATCH LINE STA. 138+60.00
SEE SHEET S-19

MATCH LINE STA. 145+90.00
SEE INSET "A" ABOVE



5 FOOT PAVED SHOULDER FROM STA. 137+71 RT TO STA. 144+91 RT. 5 FOOT +/- PAVED SHOULDER FROM STA. 140+00 LT TO STA. 145+29 LT.

REVISIONS			
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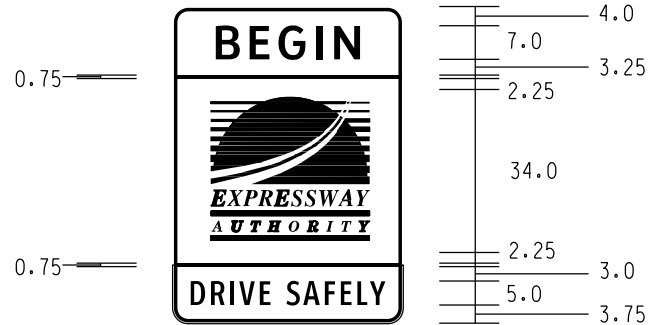
CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-205

SIGNING AND PAVEMENT MARKINGS

SHEET NO.
S-26

SIGN	I
QUANTITY	1
WIDTH	4'-0"
HEIGHT	5'-6"
BORDER WIDTH	0.75"
BORDER RADII	3"
BORDER INSET	0.25"
BACKGROUND COLOR	WHITE
LEGEND/BORDER COLOR	BLACK
SHEETING	DG3
ARROW SIZE (ANGLE)	
STATION/STRUCTURE	SB, 515+00

AUTHORITY LOGO L-4. SEE DETAIL ON SHEET S-30.



SIGN	2
QUANTITY	1
WIDTH	4'-0"
HEIGHT	5'-6"
BORDER WIDTH	0.75"
BORDER RADII	3"
BORDER INSET	0.25"
BACKGROUND COLOR	WHITE
LEGEND/BORDER COLOR	BLACK
SHEETING	DG3
ARROW SIZE (ANGLE)	
STATION/STRUCTURE	NB, 515+00

AUTHORITY LOGO L-4. SEE DETAIL ON SHEET S-30.

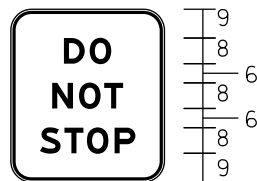


COPY SPACING													LENGTH		SIZE/SERIES
B	E	G	I	N									25.2	7 D	
11.4		25.2		11.4											
4	40	4											40		
D	R	I	V	E	S	A	F	E	L	Y			40.1	5 C	
4		15.2		5		19.9				3.9					

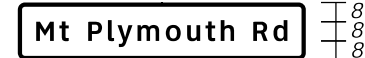
COPY SPACING													LENGTH		SIZE/SERIES
E	N	D											16.7	7 D	
15.7		16.7		15.6											
4	40	4											40		
D	R	I	V	E	S	A	F	E	L	Y			40.1	5 C	
4		15.2		5		19.9				3.9					

SIGN	706
QUANTITY	4
WIDTH	4'-0"
HEIGHT	4'-6"
BORDER WIDTH	1"
BORDER RADII	6"
BORDER INSET	0.5"
BACKGROUND COLOR	WHITE
LEGEND/BORDER COLOR	BLACK
SHEETING	DG3
ARROW SIZE (ANGLE)	
STATION/STRUCTURE	NB, 443+80
STATION/STRUCTURE	SB, 446+20

1. SPACING BETWEEN LETTERS HAS BEEN INCREASED BY 10%.



SIGN	105
QUANTITY	2
WIDTH	10'-0"
HEIGHT	2'-0"
BORDER WIDTH	1"
BORDER RADII	3"
BORDER INSET	0"
BACKGROUND COLOR	GREEN
LEGEND/BORDER COLOR	WHITE
SHEETING	DG3
ARROW SIZE (ANGLE)	
STATION/STRUCTURE	492+40, GM-8
STATION/STRUCTURE	1495+00, GM-9



COPY SPACING													LENGTH		SIZE/SERIES
D	O												15	8 EM	
16.5	15	16.5													
N	O	T											22.5	8 EM	
12.8		22.5		12.7											
S	T	O	P										30.3	8 EM	
8.9		30.3		8.8											

COPY SPACING													LENGTH		SIZE/SERIES
M	t	P	l	y	m	o	u	t	h	R	d		104.7	8 CV5W	
7.7	13.6	8.0			60.9					8.0	14.2	7.6			

NOTES: WIDTH - HORIZONTAL SPACING DIMENSIONS ARE IN INCHES. END DIMENSIONS INCLUDE BORDER WIDTH, MARGIN AND BORDER RECESS.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

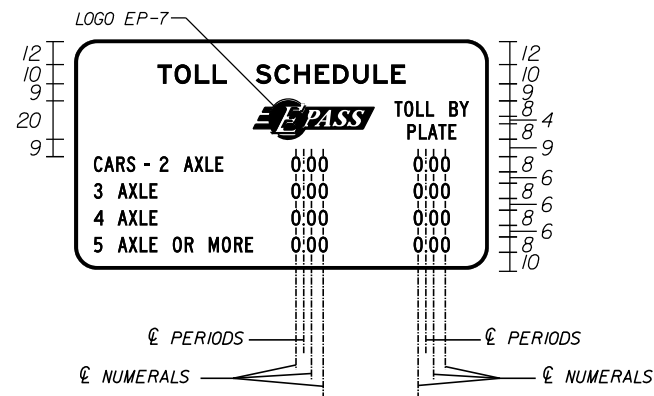
DAVID E. WAGNER, P.E.
P.E. LICENSE NO. 49363
PARSONS
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CENTRAL FLORIDA
EXPRESSWAY AUTHORITY
ROAD NO. SR 429
PROJECT NO. 429-205

GUIDE SIGN WORKSHEET

SHEET NO. S-28

SIGN	703
QUANTITY	2
WIDTH	18'-0"
HEIGHT	10'-0"
BORDER WIDTH	2"
BORDER RADII	12"
BORDER INSET	
BACKGROUND COLOR	WHITE
LEGEND/BORDER COLOR	BLACK/BLACK
SHEETING	DG3
ARROW SIZE (ANGLE)	
STATION/STRUCTURE	441+00, GM-3
STATION/STRUCTURE	449+00, GM-4

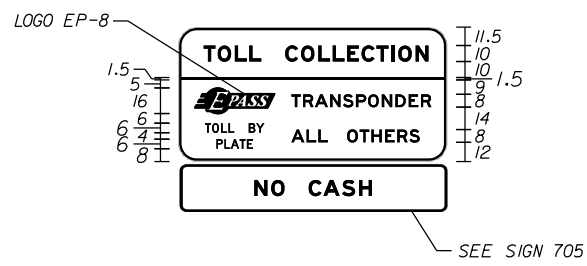


- NOTES:
1. NUMERAL SPACING TO BE ADJUSTED SUCH THAT PERIODS AND COLUMNS OF NUMERALS LINE UP VERTICALLY.
 2. EACH COLUMN OF TOLL RATES TO BE CENTERED UNDER METHOD OF PAYMENT.
 3. BASED ON NOTES 1 AND 2, SPACE BETWEEN "AXLE" AND TOLL RATES IS SUBJECT TO CHANGE. ALSO APPLIES TO SIDE MARGINS ADJACENT TO TOLL RATES.
 4. CENTERLINES ARE FOR INFORMATIONAL PURPOSES ONLY.

COPY SPACING LENGTH SIZE/SERIES

43.2	T	O	L	L	S	C	H	E	D	U	L	E	43.3	129.5	10" E						
93.1	EPASS	T	O	L	L	B	Y	8	10.3	10				112.9	8" C						
173.8	P	L	A	T	E									25.5	8" C						
10	C	A	R	S	-	2	A	X	L	E	0	.	0	0	0	.	0	0	186	8" C	
10	3	A	X	L	E	0	.	0	0	0	.	0	0						186	8" C	
10	4	A	X	L	E	0	.	0	0	0	.	0	0						186	8" C	
10	5	A	X	L	E	0	R	M	O	R	E	0	.	0	0	0	.	0	0	186	8" C

SIGN	704
QUANTITY	2
WIDTH	14'-0"
HEIGHT	7'-0"
BORDER WIDTH	1.5"
BORDER RADII	10.5"
BORDER INSET	0.5"
BACKGROUND COLOR	WHITE
LEGEND/BORDER COLOR	BLACK
SHEETING	DG3
ARROW SIZE (ANGLE)	
STATION/STRUCTURE	434+00, GM-2
STATION/STRUCTURE	455+00, GM-5



SIGN	705
QUANTITY	2
WIDTH	14'-0"
HEIGHT	2'-6"
BORDER WIDTH	1.5"
BORDER RADII	4"
BORDER INSET	0.5"
BACKGROUND COLOR	YELLOW
LEGEND/BORDER COLOR	BLACK/BLACK
SHEETING	DG3
ARROW SIZE (ANGLE)	
STATION/STRUCTURE	434+00, GM-2
STATION/STRUCTURE	455+00, GM-5

NO CASH

- NOTES:
1. SPACING BETWEEN LETTERS IN SERIES EM HAS BEEN INCREASED BY 10%.

SPACE BETWEEN LETTERS HAS BEEN INCREASED BY 10%.

COPY SPACING LENGTH SIZE/SERIES

12.6	T	O	L	L	C	O	L	L	E	C	T	I	O	N	12.5	142.9	10 EM	
9.9	EPASS	T	R	A	N	S	P	O	N	D	E	R	9.9		148.2	8 E		
16.7	T	O	L	L	B	Y	A	L	L	O	T	H	E	R	S	17.1	128.3	6 D / 8 E
23.8	P	L	A	T	E											22.9	6 D	

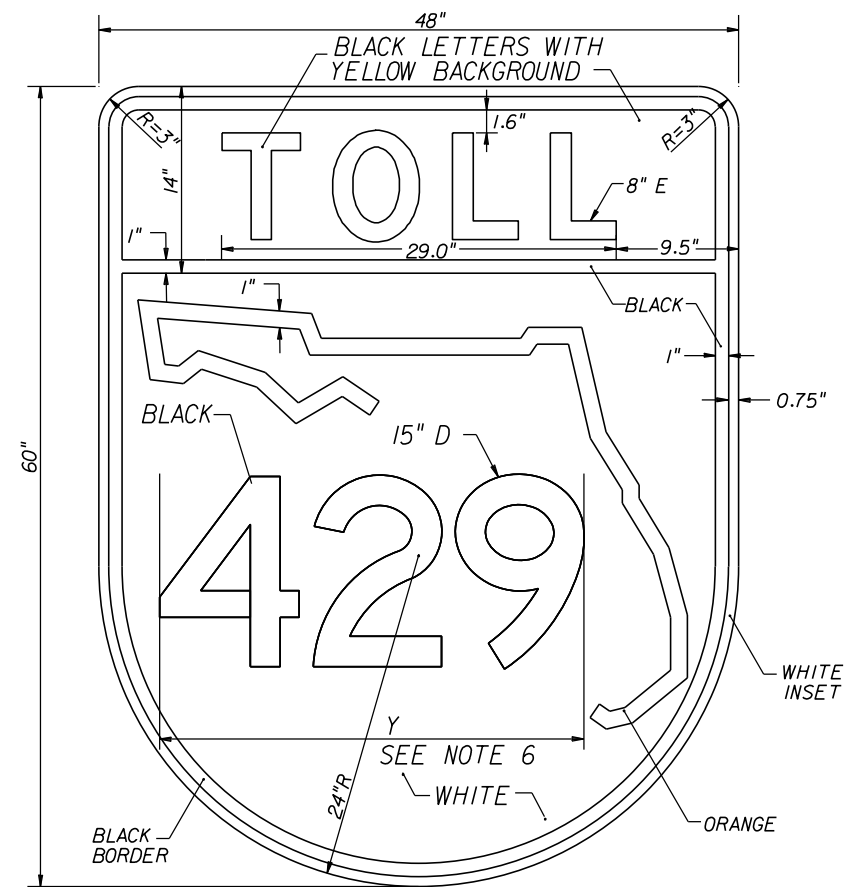
COPY SPACING LENGTH SIZE/SERIES

46.9	N	O	C	A	S	H	46.8	74.3	10 EM
------	---	---	---	---	---	---	------	------	-------

AET SIGN DETAILS

NOTES: WIDTH - HORIZONTAL SPACING DIMENSIONS ARE IN INCHES. END DIMENSIONS INCLUDE BORDER WIDTH, MARGIN AND BORDER RECESS.

<p style="text-align: center;">REVISIONS</p> <table border="1"> <thead> <tr><th>DATE</th><th>DESCRIPTION</th><th>DATE</th><th>DESCRIPTION</th></tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		DATE	DESCRIPTION	DATE	DESCRIPTION					<p>DAVID E. WAGNER, P.E. P.E. LICENSE NO. 49363</p> <p>PARSONS 201 E PINE STREET, SUITE 900, ORLANDO, FL 32801 PHONE: (407) 702-6800 / FAX: (407) 702-6950 CERTIFICATE OF AUTHORIZATION NO. 1838</p>	<p style="text-align: center;">CENTRAL FLORIDA EXPRESSWAY AUTHORITY</p> <table border="1"> <tr><td>ROAD NO.</td><td>PROJECT NO.</td></tr> <tr><td>SR 429</td><td>429-205</td></tr> </table>	ROAD NO.	PROJECT NO.	SR 429	429-205	<p style="text-align: center;">GUIDE SIGN WORKSHEET</p> <p style="text-align: center;">SHEET NO. S-29</p>
DATE	DESCRIPTION	DATE	DESCRIPTION													
ROAD NO.	PROJECT NO.															
SR 429	429-205															

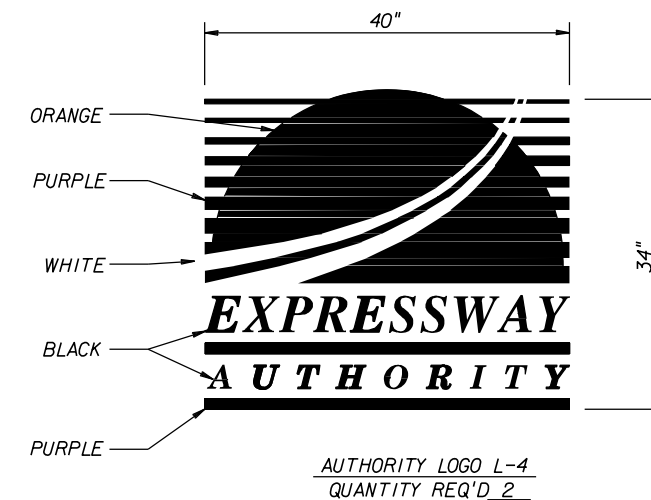


NOTES:

1. COLORS INDICATED ON 48"x60" SHIELD ARE APPLICABLE TO ALL SIZES.
2. SHIELD TO BE FABRICATED WITH 3M COMPANY DIAMOND GRADE CUBED (DG3) REFLECTIVE SHEETING OR AUTHORITY APPROVAL EQUAL.
3. SHOP DRAWINGS ARE REQUIRED.
4. COLORS:
BLACK
WHITE
GREEN
ORANGE, 3M COMPANY EC FILM SERIES 1174 OR AUTHORITY APPROVED EQUAL.

IF A COLOR AND/OR SHEETING OTHER THAN THOSE NOTED SPECIFICALLY AS 3M COMPANY PRODUCTS ARE TO BE USED, CONTRACTOR SHALL PROVIDE A 4" x 4" SAMPLE IN ALL COLORS. NO FABRICATION SHALL COMMENCE UNTIL THE SAMPLE HAS BEEN REVIEWED AND WRITTEN ACCEPTANCE RECEIVED FROM THE AUTHORITY. SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
5. FABRICATOR SHALL APPLY AS THE TOP LAYER, 3M COMPANY EC FILM 1170 CLEAR ON THE AUTHORITY DESIGNATED ORANGE. INSTALLATION SHALL BE PART OF A 3M MATCHED COMPONENT SYSTEM AND MEET ALL 3M SIGN FABRICATION REQUIREMENTS. CONTACT 3M AT 1-800-553-1380.
6. FABRICATOR SHALL USE STANDARD HORIZONTAL SPACING FOR NUMERALS WITHIN A ROUTE SHIELD WHEN POSSIBLE. FABRICATOR SHALL OPTICALLY ADJUST NUMERAL SPACING AS NEEDED TO PREVENT OVERLAP ONTO THE STATE OUTLINE OR SHIELD BORDER.

FOR USE WITH SIGN NOS. 1 AND 2.



AUTHORITY LOGO L-4
QUANTITY REQ'D 2

LOGO NOTES

1. CONTRACTOR TO BE GIVEN A COMPUTER DISK OF EACH AUTHORITY LOGO FOR USE IN SIGN FABRICATION UPON REQUEST.
2. LOGOS SHALL BE 3M COMPANY DIAMOND GRADE CUBED (DG3) REFLECTIVE SHEETING OR AUTHORITY APPROVED EQUAL.
COLORS:
BLACK
WHITE
PURPLE, 3M COMPANY DG3 SHEETING MATCHING 3M 1170-3 VIOLET EC FILM OR AUTHORITY APPROVED EQUAL
ORANGE, 3M COMPANY EC FILM NO. 1174 OR AUTHORITY APPROVED EQUAL
3. LOGO L-4 SHALL NOT HAVE A BORDER.
4. LOGO L-4 SHALL ONLY BE USED ON BEGIN/END SYSTEM SIGNS.
5. SHOP DRAWINGS ARE REQUIRED.
6. IF COLORS AND/OR SHEETING OTHER THAN THOSE NOTED SPECIFICALLY AS 3M COMPANY ARE TO BE USED, CONTRACTOR SHALL PROVIDE 4" x 4" SAMPLES OF EACH IN EACH APPLICABLE COLOR. NO FABRICATION SHALL COMMENCE UNTIL THE SAMPLES HAVE BEEN REVIEWED AND WRITTEN ACCEPTANCE RECEIVED FROM THE AUTHORITY. SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
7. FABRICATOR SHALL APPLY AS THE TOP LAYER, 3M COMPANY EC FILM 1170 CLEAR ON THE AUTHORITY DESIGNATED ORANGE. INSTALLATION SHALL BE PART OF A 3M MATCHED COMPONENT SYSTEM AND MEET ALL 3M SIGN FABRICATION REQUIREMENTS. CONTACT 3M COMPANY 1-800-553-1380.

REVISIONS			
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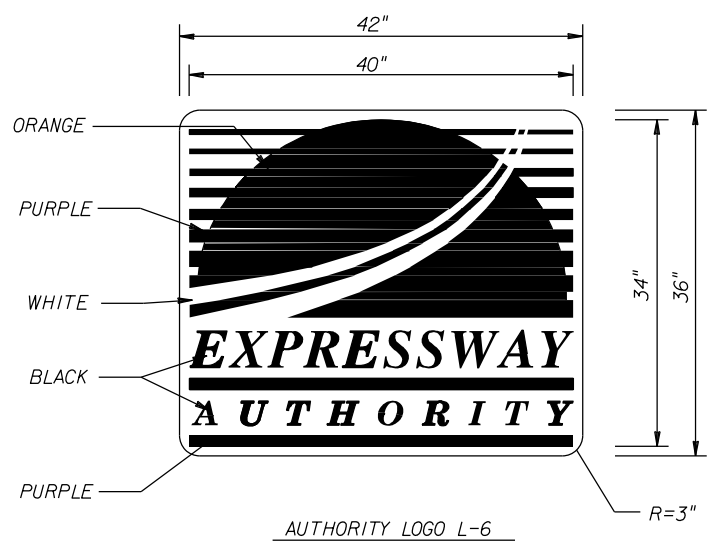
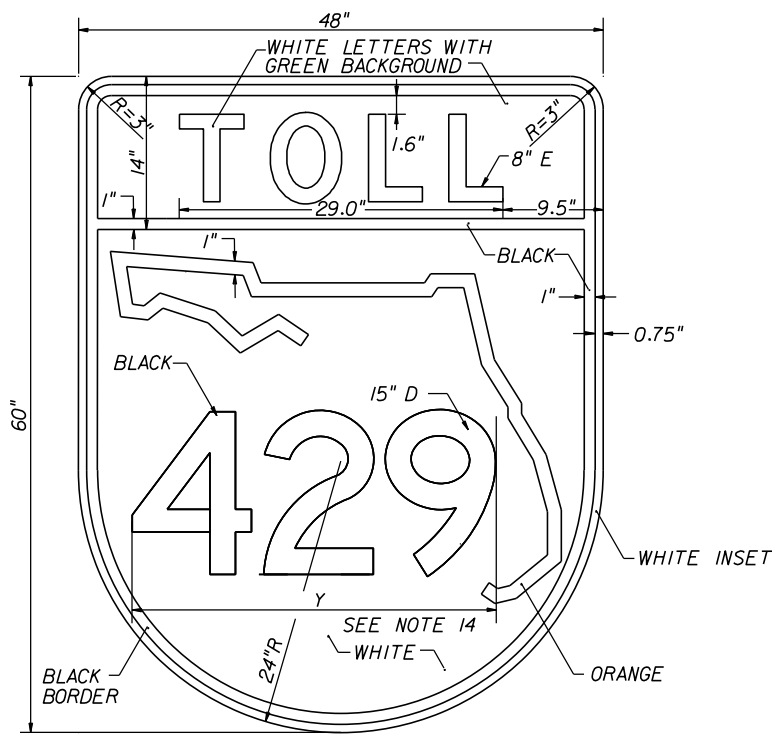
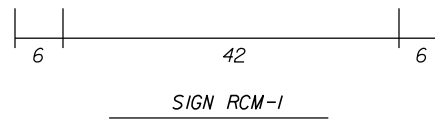
TOLL ROUTE SHIELD (TM2) &
AUTHORITY LOGO L-4

SHEET NO. S-30



COPY SPACING		SIZE/SERIES	
	NORTH		12/10 CV3W
4.0	46	4.0	

- PANELS SHALL BE FABRICATED USING 3M COMPANY DIAMOND GRADE CUBED (DG3) SHEETING OR AUTHORITY APPROVED EQUAL.
- MAIN PANEL:
BACKGROUND: GREEN
BORDER: WHITE
BORDER WIDTH: 1"
CORNER RADII: 3"
- CARDINAL DIRECTION: WHITE
- MAKE FIRST LETTER OF CARDINAL DIRECTION 20% LARGER MINIMUM. ALL LETTERS ARE BOTTOM JUSTIFIED.
- TOLL SHIELD AND LOGO SPECIAL COLORS:
PURPLE: 3M COMPANY DG3 SHEETING MATCHING 3M I170-13 VIOLET EC FILM.
ORANGE: 3M COMPANY EC FILM NO. I174
- LOGO L-6 SHALL BE CENTERED WITHIN A 42"x36" WHITE RECTANGLE. THE WHITE RECTANGLE SHALL BE USED IN VERTICAL AND HORIZONTAL PANEL DIMENSIONING.
- GRAPHIC FILES FOR THE TOLL SHIELD AND LOGO CAN BE PROVIDED FOR USE IN FABRICATION UPON REQUEST.
- FABRICATOR SHALL APPLY AS THE TOP LAYER, 3M COMPANY EC FILM I170 CLEAR ON THE AUTHORITY DESIGNATED ORANGE. INSTALLATION SHALL BE PART OF A 3M MATCHED COMPONENT SYSTEM AND MEET ALL 3M SIGN FABRICATION REQUIREMENTS. CONTACT 3M COMPANY 1-800-553-1380.
- ALL DIMENSIONS ON SHEET ARE IN INCHES.
- IF A COLOR AND/OR SHEETING OTHER THAN THOSE NOTED SPECIFICALLY AS 3M COMPANY PRODUCTS ARE TO BE USED, CONTRACTOR SHALL PROVIDE A 4" X 4" SAMPLE IN ALL COLORS. NO FABRICATION SHALL COMMENCE UNTIL THE SAMPLE HAS BEEN REVIEWED AND WRITTEN ACCEPTANCE RECEIVED FROM THE AUTHORITY. SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
- DETAILED SHOP DRAWINGS ARE REQUIRED. ONE REPRESENTATIVE SHOP DRAWING PER CARDINAL DIRECTION MAY BE SUBMITTED PROVIDED THE APPROPRIATE QUANTITY IS SHOWN PER DIRECTION.
- FABRICATOR SHALL USE STATE OUTLINE CONFIGURATION SHOWN IN TOLL SHIELD DETAIL.
- FABRICATOR TO REDUCE CARDINAL DIRECTION COPY SPACING AS NEEDED TO MEET SPECIFIED LENGTHS.
- FABRICATOR SHALL USE STANDARD HORIZONTAL SPACING FOR NUMERALS IN ROUTE SHIELD WHEN POSSIBLE. FABRICATOR SHALL OPTICALLY ADJUST NUMERAL SPACING AS NEEDED TO PREVENT OVERLAP ONTO THE STATE OUTLINE OR SHIELD BORDER.



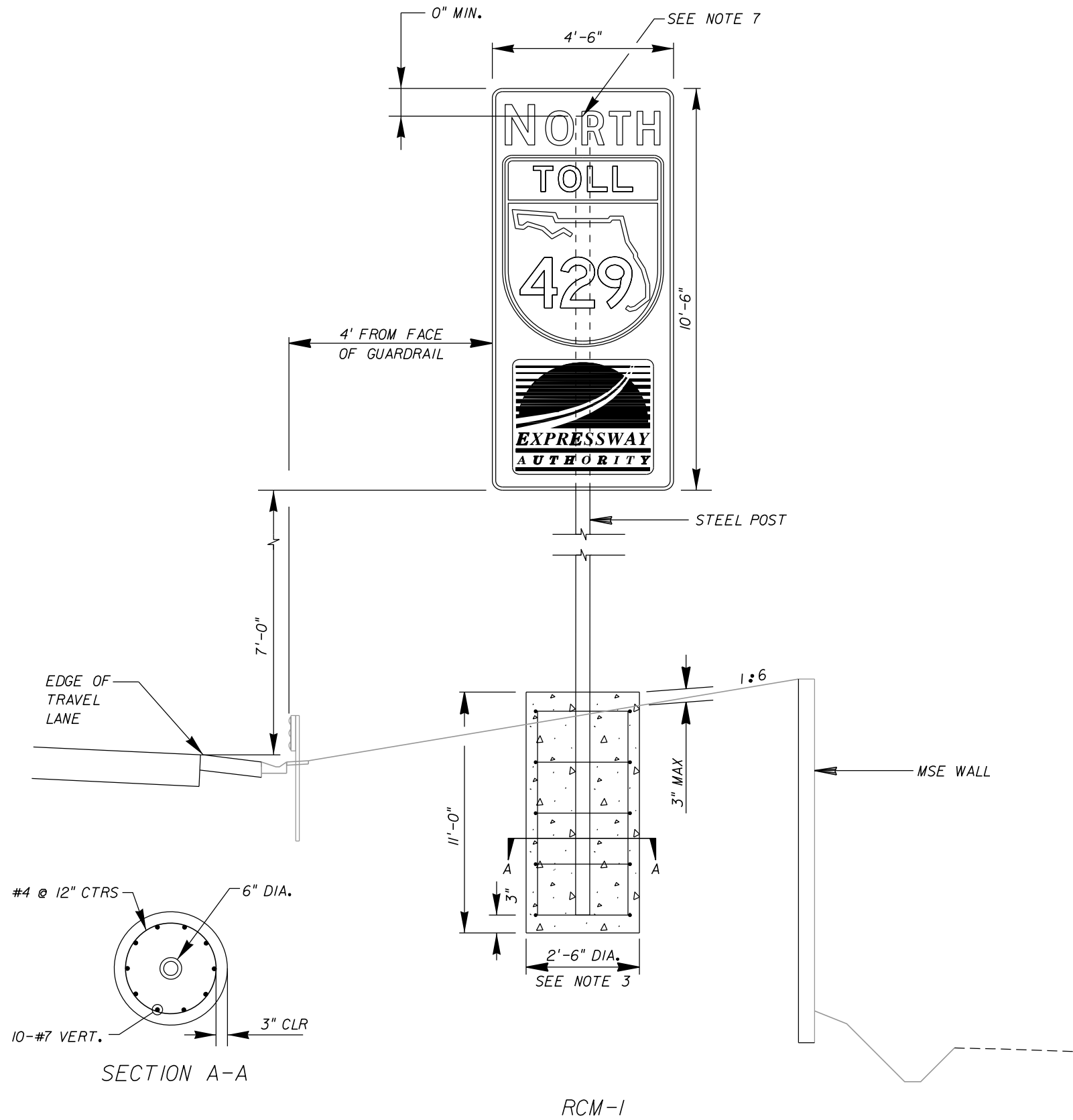
REVISIONS	
DATE	DESCRIPTION

DAVID E. WAGNER, P.E.
P.E. LICENSE NO. 49363
PARSONS
201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800 / FAX: (407) 702-6950
CERTIFICATE OF AUTHORIZATION NO. 1838

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-205

SPECIAL DESIGN
ROUTE CONFIRMATION MARKERS
SIGN RCM-1

SHEET NO.
5-31



NOTES:

1. DESIGN SPECIFICATIONS: STANDARD SPECIFICATIONS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS. AASHTO 2013, 6TH EDITION AND INTERIMS THEREAFTER. DESIGN WIND SPEED = 130 MPH.
2. MATERIAL:
 - A. STEEL POST SHALL CONFORM TO ASTM A500 GRADE B (Fy = 42 KSI), ROUND HSS 6x0.5 HOT DIPPED GALVANIZED PER ASTM A123.
 - B. REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
 - C. CONCRETE SHALL BE CLASS II, f'c= 3400 PSI IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 346
3. FOUNDATION: SEE GENERAL NOTES, FOUNDATION, IN INDEX I1200.
 - A. TO ACCOMMODATE PLACEMENT OF THE DRILLED SHAFT FOUNDATION LOCATED ADJACENT TO MSE WALL, A 2'-6" DIAMETER GALVANIZED CORRUGATED METAL PIPE SHALL BE PLACED IN THE FILL SLOPE AT THE LOCATION OF THE DRILLED SHAFT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE SPECIAL DESIGN SIGN. THE CONTRACTOR MAY PROPOSE ALTERNATE METHODS, AT NO ADDITIONAL COST, TO INSTALL THE DRILLED SHAFT FOUNDATION WITHOUT DAMAGING THE MSE WALL STRAPS.
4. SOIL PROPERTIES USED IN DESIGN:
 - A. SOIL UNIT WEIGHT: 50 PCF
 - B. SOIL INTERNAL FRICTION ANGLE: 30 DEGREES
5. SIGN ATTACHMENT BRACKETS SHALL BE IN ACCORDANCE WITH FDOT ROADWAY INDEX I1860.

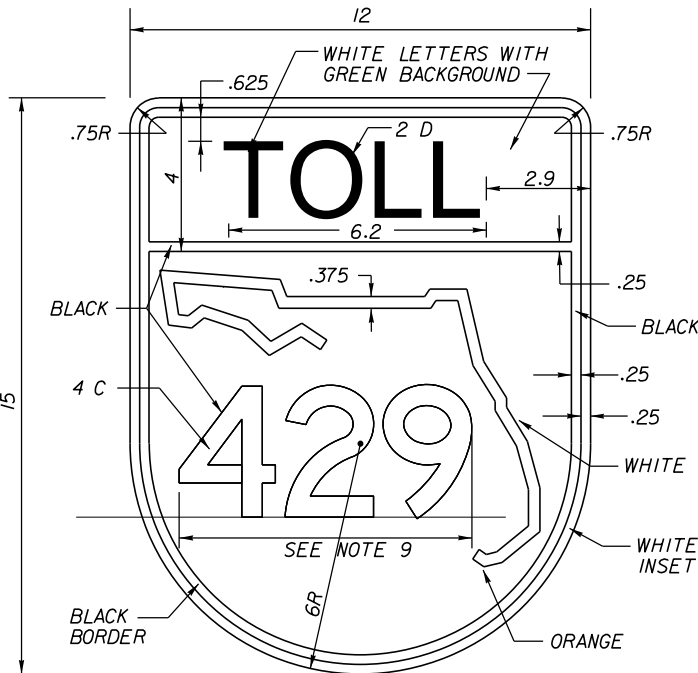
Sign 4'-6" x 10'-6" : 5 BRACKETS
6. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS FOR THE ASSEMBLY.
7. PROVIDE 1/4" THICK STEEL CAP ON TOP OF POST AND WELD AROUND TO THE POST.

REVISIONS				DAVID E. WAGNER, P.E. P.E. LICENSE NO. 49363 PARSONS 201 E PINE STREET, SUITE 900, ORLANDO, FL 32801 PHONE: (407) 702-6800 / FAX: (407) 702-6950 CERTIFICATE OF AUTHORIZATION NO. 1838	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		SPECIAL DESIGN ROUTE CONFIRMATION MARKERS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.		5-32
					SR 429	429-205		

SR 429 MILEPOSTS

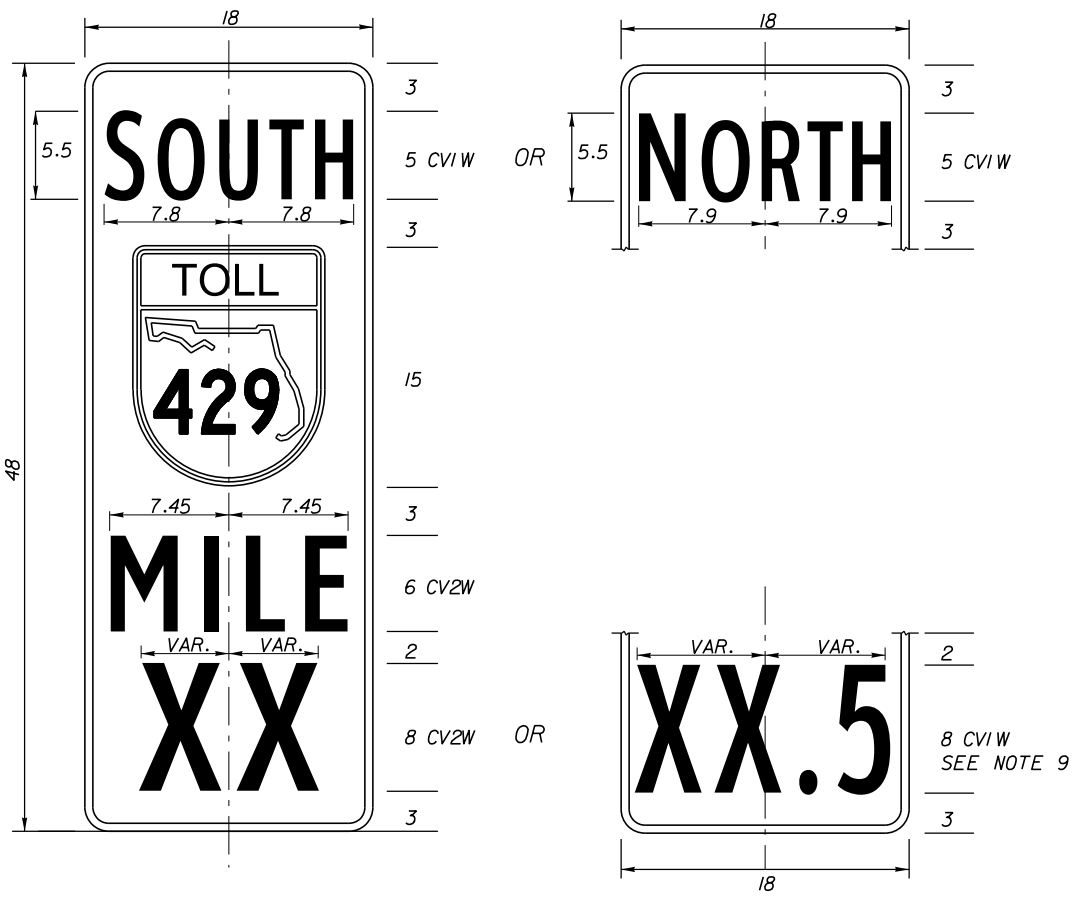
M.P. NO.	PROP. STATION	AS-BUILT STATION	LOCATION REFERENCE POINT
40	421+75.16		NB END RETAINING WALL STATION 421+61.00, 139.96' RT
40.5	448+15.16		NB BEGIN GUARDRAIL STATION 451+08.11 RT
41	473+35 *		NB BEGIN BRIDGE APPROACH SLAB ALONG OUTSIDE SHOULDER STATION 473+83.81, 66.00' RT
41.5	500+56.38		NB END GUARDRAIL STATION 503+40 RT

* NOTE TO REVIEWER:
 MP 41 IS AT STA. 474+16.38, WHICH IS ON A BRIDGE. MP MARKER WAS ADJUSTED APPROX. 81 FT.



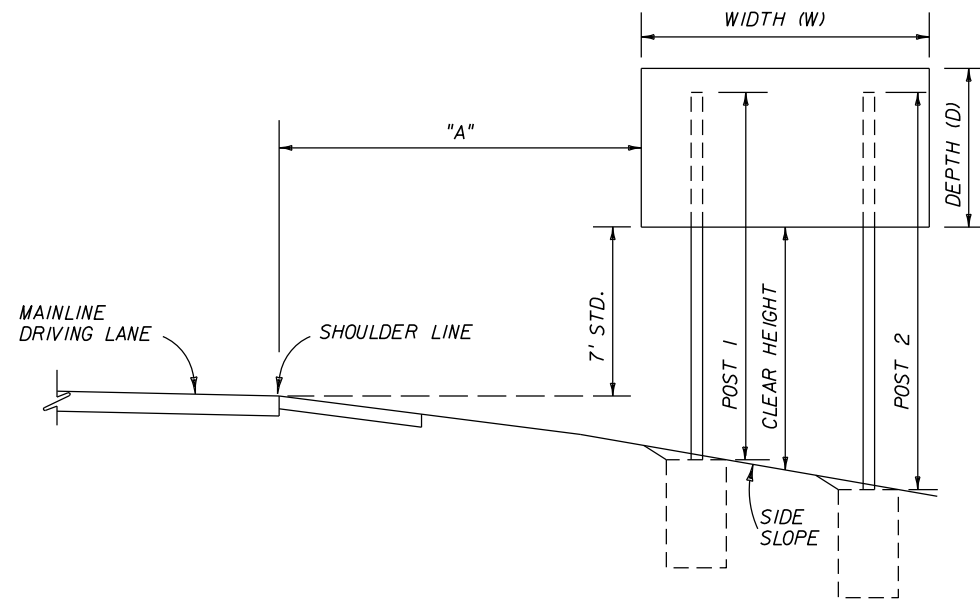
NOTES:

- PANELS SHALL BE FABRICATED USING 3M COMPANY DIAMOND GRADE CUBED (DG3) SHEETING OR AUTHORITY APPROVED EQUAL.
- MAIN PANEL:
 BACKGROUND: GREEN
 LEGEND AND BORDER: WHITE
 BORDER WIDTH: 0.5"
 CORNER RADII: 1.5"
- MAKE FIRST LETTER OF CARDINAL DIRECTION 10% LARGER (AS SHOWN). ALL LETTERS ARE BOTTOM JUSTIFIED.
- TOLL SHIELD COLORS:
 BLACK
 WHITE
 GREEN
 ORANGE: 3M COMPANY EC FILM NO. 1174 OR AUTHORITY APPROVED EQUAL.
- FABRICATOR SHALL APPLY AS THE TOP LAYER, 3M COMPANY EC FILM 1170 CLEAR ON THE AUTHORITY DESIGNATED ORANGE. INSTALLATION SHALL BE PART OF A 3M MATCHED COMPONENT SYSTEM AND MEET ALL 3M SIGN FABRICATION REQUIREMENTS. CONTACT 3M COMPANY 1-800-553-1380.
- ALL DIMENSIONS ON SHEET ARE IN INCHES.
- IF A COLOR AND/OR SHEETING OTHER THAN THOSE NOTED SPECIFICALLY AS 3M COMPANY PRODUCTS ARE TO BE USED, CONTRACTOR SHALL PROVIDE 4" X 4" SAMPLE IN ALL COLORS. NO FABRICATION SHALL COMMENCE UNTIL THE SAMPLE HAS BEEN REVIEWED AND WRITTEN ACCEPTANCE RECEIVED FROM THE AUTHORITY. SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
- OPTICALLY LOCATE MILEPOST NUMERALS IN BOTH FORMATS (XX AND XX.5) ABOUT THE CENTERLINE.
- FABRICATOR TO ADJUST HORIZONTAL SPACING AS NECESSARY TO FIT. DO NOT OVERLAP ONTO STATE OUTLINE OR SHIELD BORDER.
- DETAILED SHOP DRAWINGS ARE REQUIRED.
- FABRICATOR SHALL USE THE STATE OUTLINE CONFIGURATION SHOWN IN THE TOLL SHIELD DETAIL.



REVISIONS				DAVID E. WAGNER, P.E. P.E. LICENSE NO. 49363 PARSONS 201 E PINE STREET, SUITE 900, ORLANDO, FL 32801 PHONE: (407) 702-6800 / FAX: (407) 702-6950 CERTIFICATE OF AUTHORIZATION NO. 1838	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		SPECIAL DESIGN MILEPOST AND LOCATIONS TABLE	SHEET NO. S-33
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.		
					SR 429	429-205		

MULTI-POST SIGN DATA												
HORIZONTAL CLEARANCE (A) (ft)	BASELINE	STATION	SIDE	SIGN NO.	MAIN PANEL SIZE (D x W) (ft)	AUXILIARY PANEL SIZE (D x W) (ft)	SIDE SLOPE (RUN:RISE)	CLEAR HEIGHT (ft)	NO. OF POSTS	AVERAGE LENGTH OF POSTS (ft)	STEEL POSTS	ALUMINUM I-BEAMS
40' FROM EDGE OF TRAVEL LANE	CL CONST. SR 429	431+00	LT	GM-1	9'-6" x 5'-0"	—————	4:1	12.84	2	17.290	W8 X 18	I 10 x 10.286
4' FROM FACE OF GUARDRAIL	CL CONST. SR 429	434+00	RT	GM-2	14'-0" x 7'-0"	14'-0" x 2'-6"	4:1	7.78	2	14.265	W8 X 18	I 9 x 8.361
4' FROM FACE OF GUARDRAIL	CL CONST. SR 429	441+00	RT	GM-3	18'-0" x 10'-0"	—————	4:1	7.88	2	16.930	W8 X 24	I 10 x 10.286
40' FROM EDGE OF TRAVEL LANE	CL CONST. SR 429	449+00	LT	GM-4	18'-0" x 10'-0"	—————	3:1	14.99	2	24.040	W10 X 33	—————
4' FROM FACE OF GUARDRAIL	CL CONST. SR 429	455+00	LT	GM-5	14'-0" x 7'-0"	14'-0" x 2'-6"	4:1	7.78	2	14.265	W8 X 18	I 9 x 8.361
4' FROM FACE OF GUARDRAIL	BL CONST. SR 429 SB	1480+00	LT	GM-6	9'-6" x 9'-0"	7'-6" x 2'-6"	6:1	6.52	2	14.715	W8 X 18	I 8 x 6.181
4' FROM FACE OF GUARDRAIL	CL CONST. SR 429	485+10	RT	GM-7	7'-6" x 7'-0"	—————	6:1	6.02	2	12.505	W6 X 12	I 6 x 4.030
4' FROM FACE OF GUARDRAIL	CL CONST. SR 429	492+40	RT	GM-8	10'-0" x 2'-0"	—————	6:1	8.66	2	10.740	S3 X 5.7	I 6 x 4.030
4' FROM FACE OF GUARDRAIL	BL CONST. SR 429 SB	1495+00	RT	GM-9	10'-0" x 2'-0"	—————	6:1	8.30	2	10.380	S3 X 5.7	I 6 x 4.030

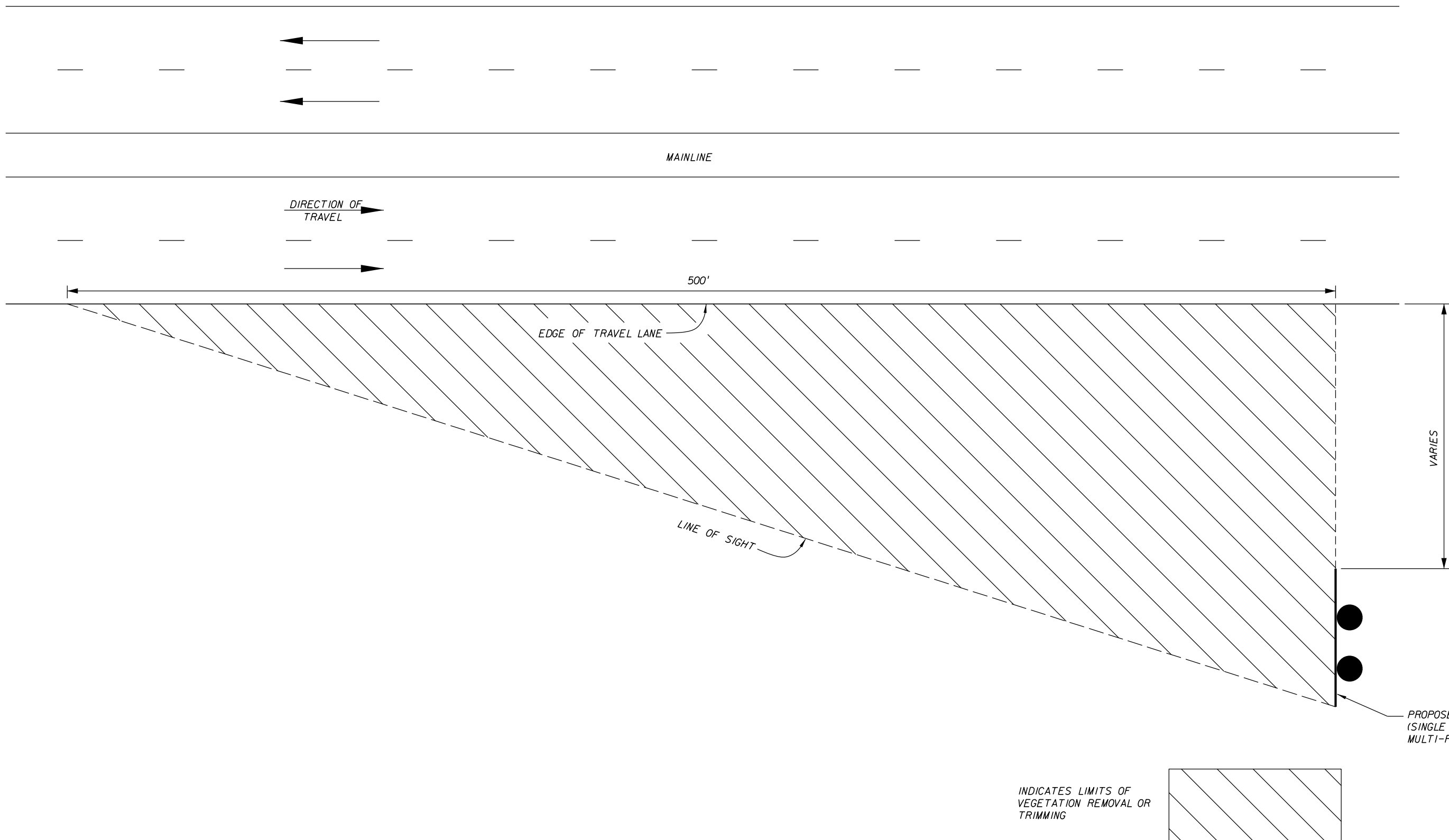


TYPICAL SECTION FOR PLACEMENT OF MULTI-POST SIGNS

NOTES:

1. FOR ADDITIONAL DETAILS AND NOTES SEE STANDARD INDEX NOS. 11200 AND 17302.
2. AUXILIARY SIGN PANELS ARE ATTACHED IN ACCORDANCE WITH STANDARD INDEX NO. 13417. THESE AUXILIARY PANELS CAN BE CENTERED, LEFT OR RIGHT JUSTIFIED PER PLANS.
3. CLEAR HEIGHT IS THE DISTANCE BETWEEN THE BOTTOM OF THE MAIN SIGN PANEL AND THE GROUND AT THE CENTER OF THE MAIN SIGN PANEL.
4. AVERAGE LENGTH OF POSTS COLUMN IS APPLICABLE TO STEEL POSTS, ALUMINUM BEAMS AND ALUMINUM TUBES.
5. SIGN ASSEMBLIES ARE DESIGNED FOR 130 MPH WINDSPEED AND SHALL CONFORM TO AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRIES AND TRAFFIC SIGNALS, 2001 EDITION.

REVISIONS				DAVID E. WAGNER, P.E. P.E. LICENSE NO. 49363 PARSONS 201 E PINE STREET, SUITE 900, ORLANDO, FL 32801 PHONE: (407) 702-6800 / FAX: (407) 702-6950 CERTIFICATE OF AUTHORIZATION NO. 1838	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		MULTI-POST SIGN TABLE OF VARIABLES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	PROJECT NO.		S-34
					SR 429	429-205		



REVISIONS	
DATE	DESCRIPTION

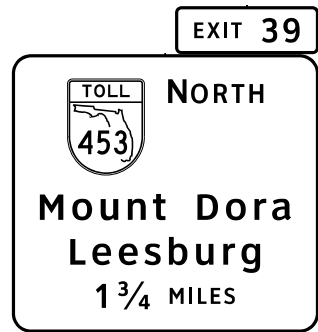
DAVID E. WAGNER, P.E.
P.E. LICENSE NO. 49363
PARSONS
201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800 / FAX: (407) 702-6950
CERTIFICATE OF AUTHORIZATION NO. 1838

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-205

LINE OF SIGHT FOR USE ON MAINLINE

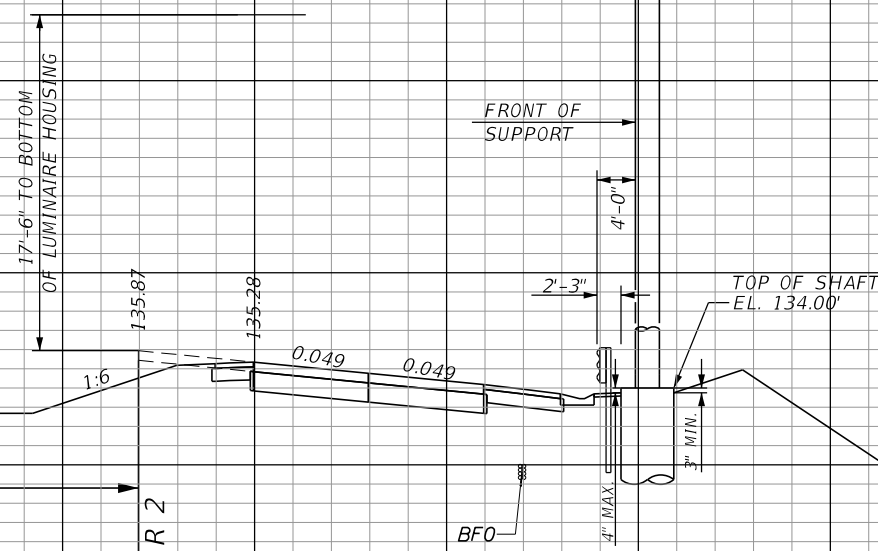
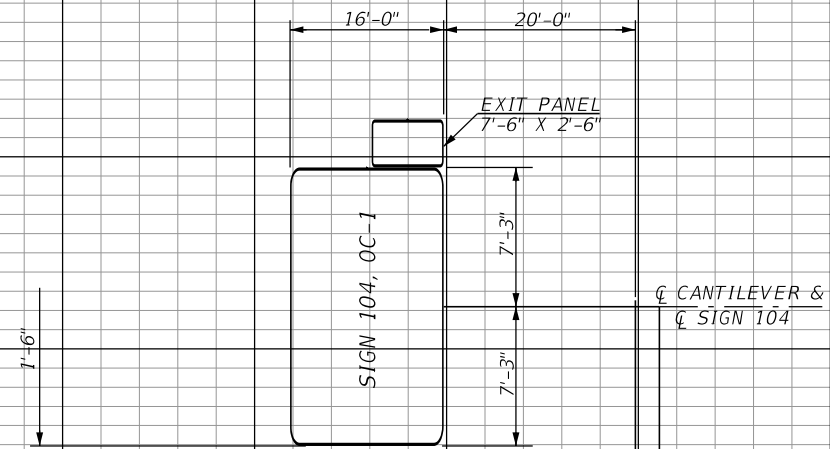
SHEET NO.
S-35



SIGN 104, OC-1

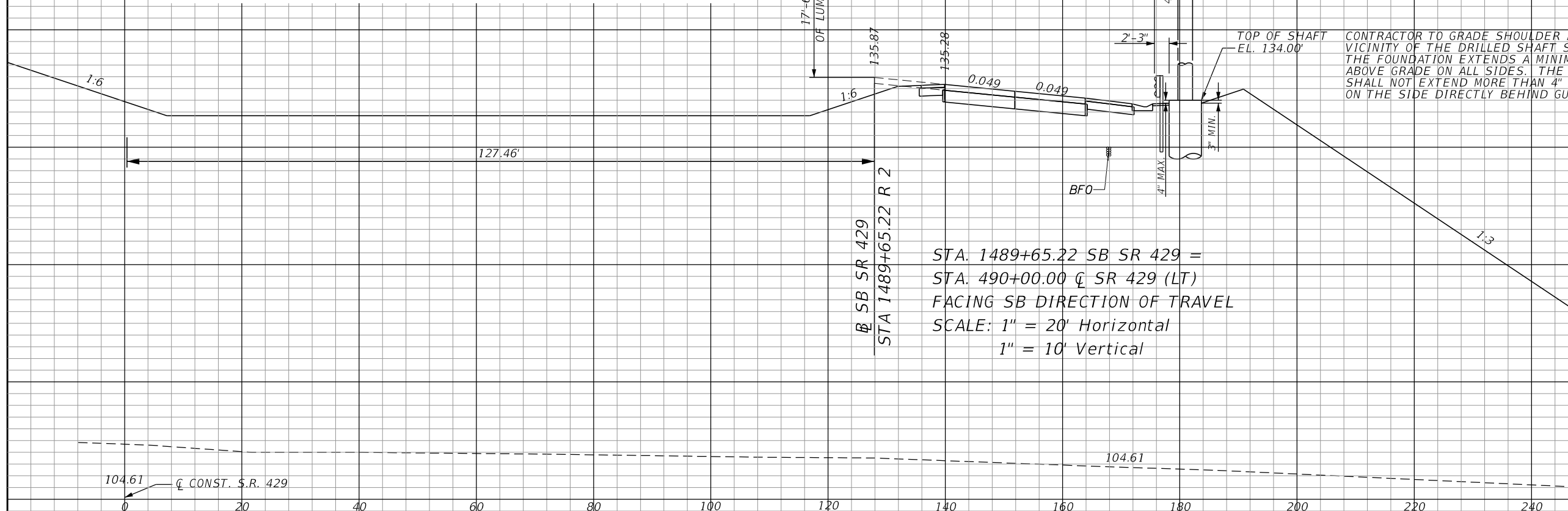
NOTES:

1. 17'-6" MIN. VERTICAL CLEARANCE SET FROM ELEVATION OF FUTURE 12' WIDENING.
2. PRIOR TO DRILLED SHAFT OR SPREAD FOOTING INSTALLATIONS, BOTH THE CONTRACTOR AND CEI SHALL CONFIRM THAT ALL LOCATIONS AND ELEVATIONS WILL CORRECTLY ACCOMMODATE THE CLEARANCES AND THE TOTAL LENGTH OF THE TRUSS AS SHOWN ON THE STRUCTURAL DESIGN SHEET ENTITLED CANTILEVER SIGN STRUCTURE DATA TABLE AND CORRESPONDING SHOP DRAWINGS.
3. SIGN STRUCTURE DESIGN WAS BASED ON PARTS A) THROUGH E) OF GENERAL NOTE 18.



CONTRACTOR TO GRADE SHOULDER IN THE VICINITY OF THE DRILLED SHAFT SO THAT THE FOUNDATION EXTENDS A MINIMUM OF 3" ABOVE GRADE ON ALL SIDES. THE FOUNDATION SHALL NOT EXTEND MORE THAN 4" ABOVE GRADE ON THE SIDE DIRECTLY BEHIND GUARDRAIL.

STA. 1489+65.22 SB SR 429 =
 STA. 490+00.00 C SR 429 (LT)
 FACING SB DIRECTION OF TRAVEL
 SCALE: 1" = 20' Horizontal
 1" = 10' Vertical



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DAVID E. WAGNER, P.E.
 P.E. LICENSE NO. 49363
PARSONS
 201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
 PHONE: (407) 702-6800 / FAX: (407) 702-6950
 CERTIFICATE OF AUTHORIZATION NO. 1838

CENTRAL FLORIDA
 EXPRESSWAY AUTHORITY
 ROAD NO. SR 429
 PROJECT NO. 429-205

CROSS SECTION
 SIGN STRUCTURE OC-1

SHEET NO.
 S-36

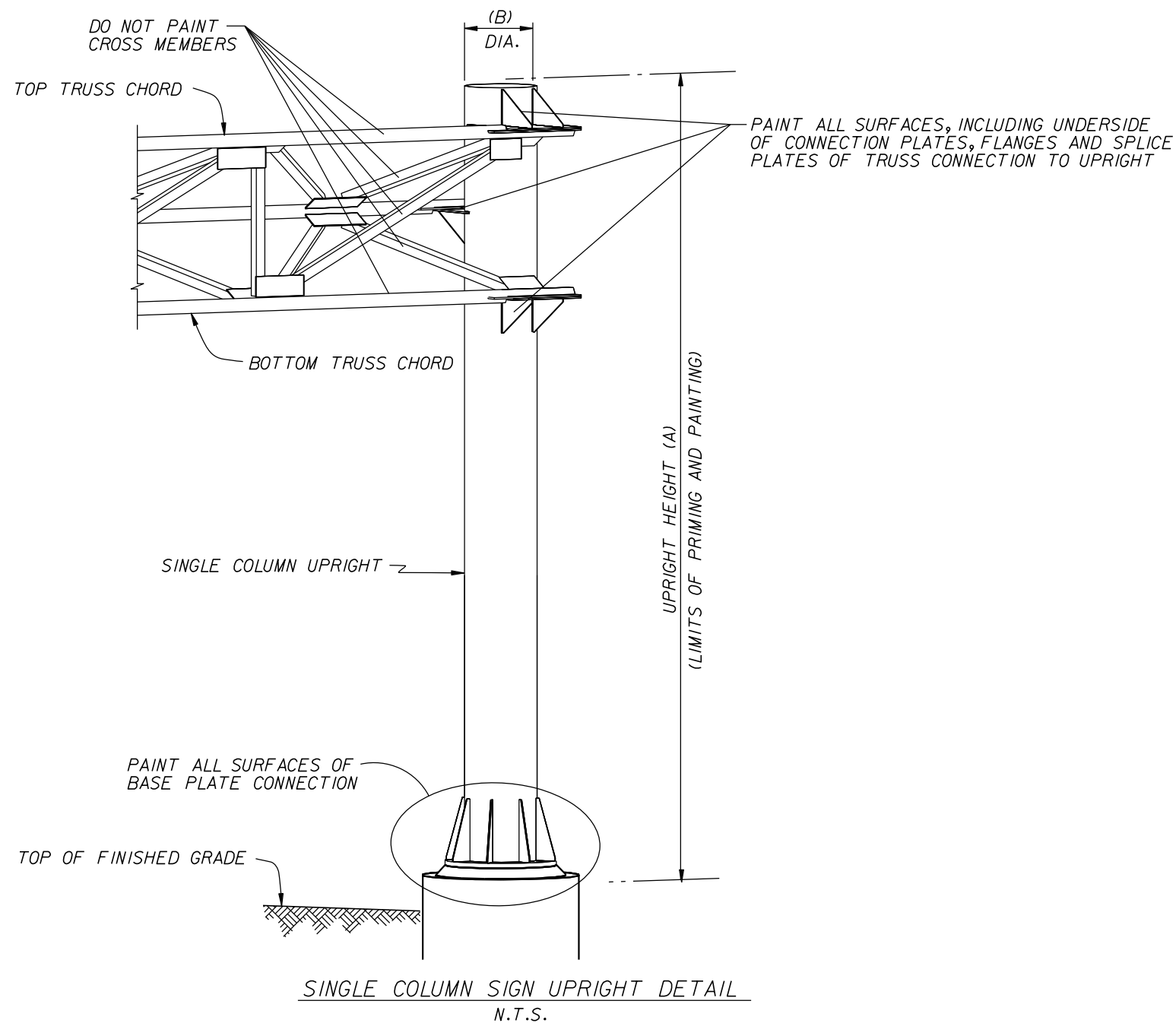


TABLE OF UPRIGHT PAINTING VARIABLES

STRUCTURE NUMBER	STATION	STRUCTURE TYPE	SINGLE COLUMN UPRIGHT				DOUBLE COLUMN UPRIGHT								NO. UPRIGHTS PER STR.				
			HEIGHT (A)		DIAMETER (B)		HEIGHT (C)		SPACING (D)		DIAMETER (E)		DIAGONALS						
			LT	RT	LT	RT	LT	RT	LT	RT	LT	RT	LT	RT		LT	RT	NO.	DIA.
OC-1	1489+65.22	CANTILEVER	27'-4"		24"														1

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DAVID E. WAGNER, P.E.
P.E. LICENSE NO. 49363
PARSONS
201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800 / FAX: (407) 702-6950
CERTIFICATE OF AUTHORIZATION NO. 1838

CENTRAL FLORIDA
EXPRESSWAY AUTHORITY

ROAD NO.	PROJECT NO.
SR 429	429-205

SIGN UPRIGHT PAINTING

SHEET NO.
S-37

CANTILEVER SIGN STRUCTURES DATA TABLE										Table Date 01-01-11	
SIGN NO.	STATION / OFFSET *	DIMENSIONS				PANELS	MEMBER SIZES			BACKRAKE	
		A	B		C	N	D (CHORD)		E (WEB)	F (UPRIGHT)	G
		ft	ft	in	in	#	O. D. x Wall Thk. (in)		Angle (in)	O. D. x Wall Thk. (in)	in
104 OC-1	1489+65.22 / 53.06' LT	28.12	9	2-1/4	96	4	4.50 x 0.337		4 x 4 x 1/2	30.00 x 0.625	1.4661

* BASELINE SB SR 429

CANTILEVER SIGN STRUCTURES DATA TABLE (CONT.)																							Table Date 01-01-11							
SIGN NO.	GUSSET PLATES											TRUSS CONNECTION								SPLICE										
	GA	GB	GC		GD	GE		GF	GG	GH	GJ		GK	TA	TB	TC	TD	TE	TF	TG	TH	TJ	SA	SB	SC	SD				
	in	in	ft	in	ft	in	ft	in	ft	in	ft	in	ft	in	#	#	in	in	in	in	in	in	in	in	in	in				
104 OC-1	1/2	7/8	1	2-1/4	-	7	1	2	-	6-1/2	1	8-1/2	-	10-1/4	1	1	3/16	7/8	6	6	3/4	5/8	5/16	1/4	3/16	5/16	-	-	-	-

CANTILEVER SIGN STRUCTURES DATA TABLE (CONT.)																			Table Date 07-01-13	
SIGN NO.	BASE CONNECTION									ANCHOR		FOOTING - DRILLED SHAFT								
	BA	BB	BC	BD	BE		BF	BG	BH	BJ	BK	FA	FB	FC	FD	FE				
	in	#	in	in	ft	in	in	in	in	in	ft	in	ft	in	ft	in	# / Size	#	in	
104 OC-1	2-1/4	12	1-1/2	3/8	2	6-3/4	5/16	5/16	5/16	3/16	3	9	28	0	5	6	22 # 11	48	6	

NOTES [Notes Date 7-01-13]:

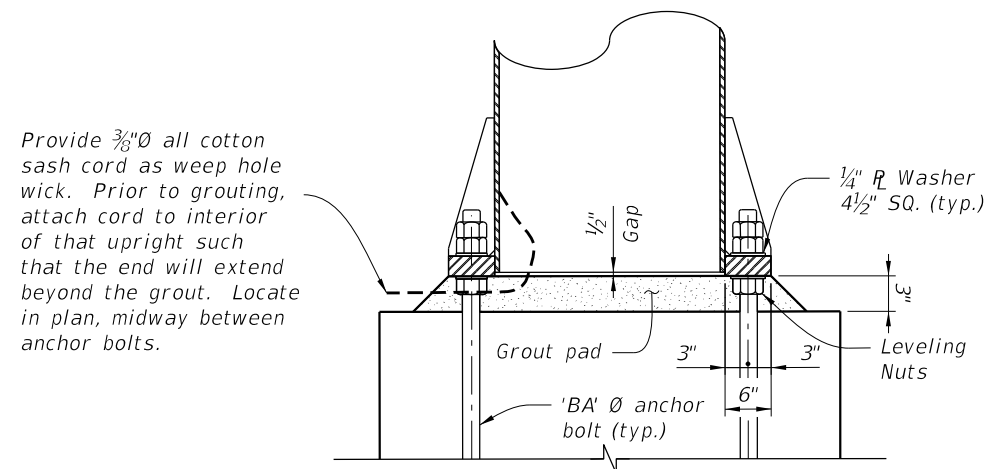
1. Work these Data Tables with Index 11310.
2. Design Wind Speed = 130 mph.
3. Upright wall thickness given is a minimum dimension.

GROUT NOTES:

1. Grout shall be a non-shrink grout with a minimum 5.0 ksi compressive strength at 28-days. Conform to Specification Section 934.
2. Grouting:
 - a. Preparation: Flush the top of the foundation with clean water to remove dirt and debris. Immediately before grouting, saturate the concrete surfaces by ponding or by placement of saturated rags for a minimum period of two hours. Remove all freestanding water before beginning the grouting operation.
 - b. Forming: Use watertight non-absorbent forms with a form release agent applied to all interior surfaces. Maintain a 1 inch (25 mm) clearance between the forms and the base plate. Extend the form a minimum of 1 inch (25 mm) above the bottom of the base plate. Attach a head box with a 45 degree slope on the form for grout placement.
 - c. Mixing: Use only fresh unopened full bags of grout. Mix the grout in a clean, power driven mortar mixer or with a heavy duty drill (850 RPM maximum) using a commercial mixing paddle. Mix the grout in accordance with the manufacturer's instructions. Test the fluidity of the grout using the ASTM C 939 Flow Cone Method. Use grouts that meet the efflux time of 20 to 30 seconds. Do not remix grouts that have begun to set.
 - d. Placing and Curing: Pour the grout from only one side of the base plate through the head box until the grout has filled the entire form and extends a minimum of 1/4 inch (6 mm) above the bottom of the base plate. Do not allow the grout to overtop the base plate. Do not vibrate grout. Clean excess grout off the base plate after the grout has reached initial set (two to four hours). Cure the grout for a minimum of six hours by covering the entire grout surface with clean saturated rags. Remove the forms after verifying the grout is self supporting by penetration with a pointed masons trowel or other sufficient tool. Cure all exposed grout with a membrane curing compound.
3. The CEI shall exercise special attention during the grouting operation to assure complete grout placement under the base plate.

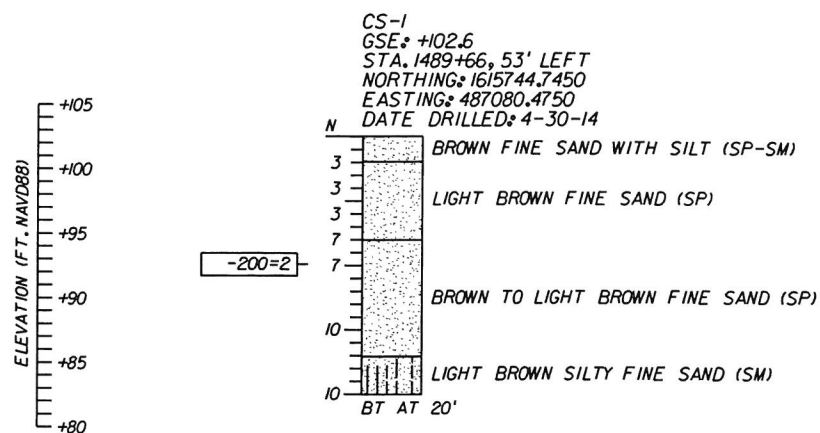
FOUNDATION NOTES [Notes Date 7-01-12]:

1. Design based on Soil Parameters recommended by Geotechnical and Environmental Consultants, Inc.
2. Assumptions and Values used in design:
 - Soil Type: Cohesionless (Fine Sand)
 - Soil Layer Thickness = 30 ft.
 - Soil Friction Angle = 30 deg.
 - Soil Weight = 110 pcf
 - N-Value: 10
 - Design Water Table is 0 ft. below surface



**BASE PLATE
GROUTING DETAIL**

REVISIONS						PARSONS 201 E. PINE ST., SUITE 900 ORLANDO, FL 32801 PHONE: (407) 702-6800 SAM T. PHAN, P.E. P.E. LICENSE NO. 54072 CERTIFICATE OF AUTHORIZATION NO. 1838	DRAWN BY: DNP 06-14 CHECKED BY: STP 06-14 DESIGNED BY: DNP 06-14 CHECKED BY: STP 06-14	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		SHEET TITLE: CANTILEVER SIGN STRUCTURE DATA TABLE	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	PROJECT NO.		
							SR 429	429-205	PROJECT NAME: S.R. 429 (WEKIVA PARKWAY)	SHEET NO. S-38	



LEGEND
 GSE GROUND SURFACE ELEVATION (FT. NAVD88)
 N STANDARD PENETRATION RESISTANCE, BLOWS PER FOOT
 (SP) UNIFIED SOIL CLASSIFICATION SYMBOL
 BT BORING TERMINATED AT SPECIFIED DEPTH (FEET) INDICATED
 -200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE (FM 1-T 088)

SOILS LEGEND

SAND

SAND AND SILT

GENERAL NOTES
 STANDARD PENETRATION TEST BORING WAS PERFORMED IN ACCORDANCE WITH ASTM D-1586. STANDARD PENETRATION RESISTANCES ARE SHOWN ON THE BORING AT THE TEST DEPTHS IN BLOWS PER FOOT UNLESS OTHERWISE NOTED.

SUBSURFACE CONDITIONS SHOWN ON THE BORING REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATION. ACTUAL CONDITIONS NEAR THE BORING MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORING ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

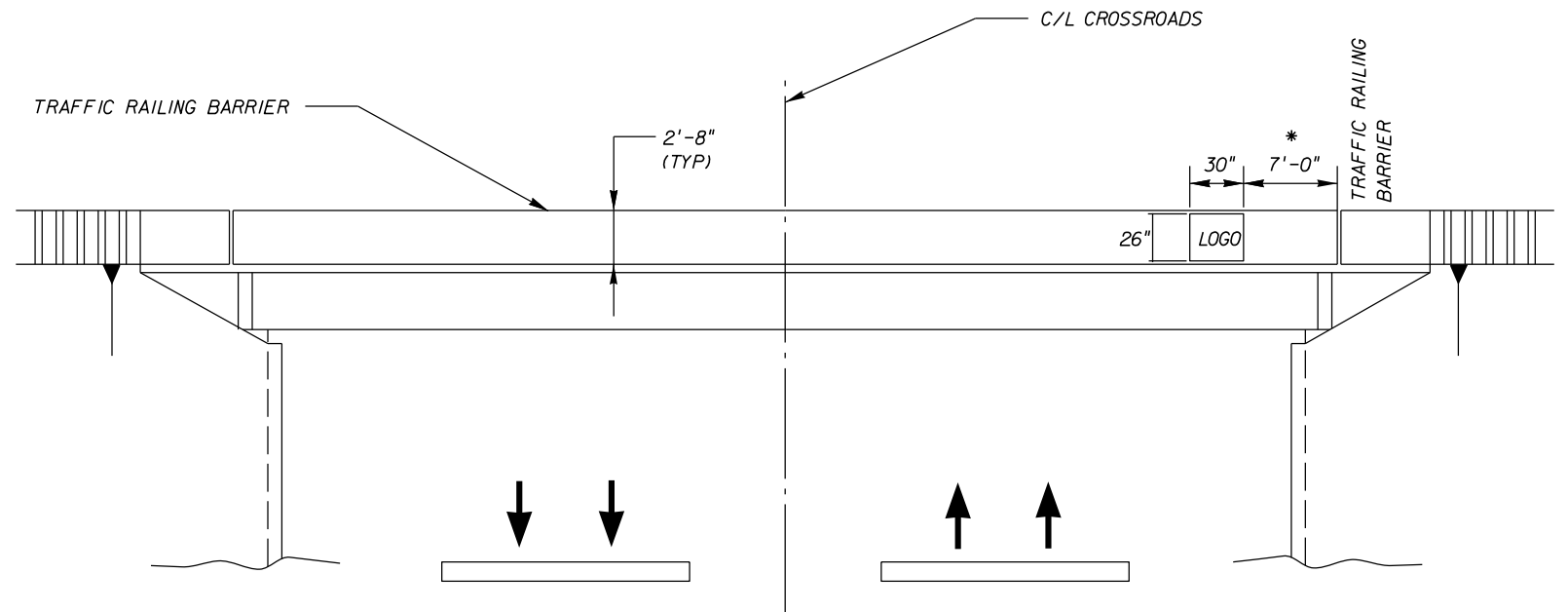
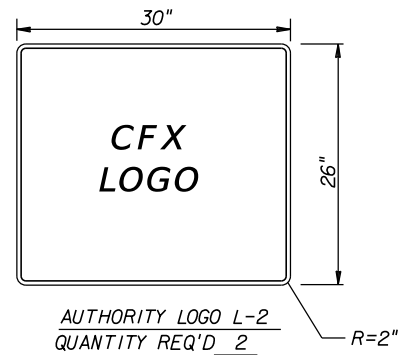
THE BORING LOCATION WAS SURVEYED BY SOUTHEASTERN SURVEYING FOR VERTICAL AND HORIZONTAL CONTROL. THE BORING LOCATION REFERENCES THE BLLT (SR 429 SB) BASELINE. GEOGRAPHIC COORDINATES REFERENCE THE NAD 1983 STATE PLANE FLORIDA EAST FIPS 0901 FEET.

SPLIT SPOON SAMPLER: AVERAGE HAMMER DROP: 30 IN.
 INSIDE DIAMETER: 1.375 IN. HAMMER WEIGHT: 140 LBS.
 OUTSIDE DIAMETER: 2.0 IN. HAMMER TYPE: AUTOMATIC

CORRELATION OF STANDARD PENETRATION RESISTANCE WITH RELATIVE DENSITY AND CONSISTENCY OF SOIL

GRANULAR SOILS	N VALUE (blows Per Foot)	RELATIVE DENSITY
SANDS	0-3	VERY LOOSE
	3-8	LOOSE
	8-24	MEDIUM DENSE
	24-40	DENSE
	OVER 40	VERY DENSE
NON-GRANULAR SOILS	N VALUE (blows Per Foot)	CONSISTENCY
SILTS, CLAYS, MUCK, PEAT	0-1	VERY SOFT
	1-3	SOFT
	3-6	FIRM
	6-12	STIFF
	12-24	VERY STIFF
	OVER 24	HARD

REVISIONS				DANIEL C. STANFILL, P.E. P.E. LICENSE No. 42763 Geotechnical and Environmental Consultants, Inc. 919 Lake Baldwin Lane Orlando, FL 32814 PH (407) 898-1818 FAX (407) 898-1837 Certificate of Authorization No. 00005882	GEC	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		CENTRAL FLORIDA EXPRESSWAY AUTHORITY	CANTILEVER SIGN SPT BORING RESULTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	PROJECT NO.			S-39
						SR 429	429-205			



* ADJUST DIMENSIONS AS NEEDED TO ENSURE LOGO SIGN IS NOT PLACED OVER TRAFFIC LANES AND/OR SHOULDERS.

LOGO NOTES

1. CONTRACTOR TO BE GIVEN A COMPUTER DISK OF EACH AUTHORITY LOGO FOR USE IN SIGN FABRICATION UPON REQUEST.
2. LOGOS SHALL BE 3M COMPANY DIAMOND GRADE CUBED (DG3) REFLECTIVE SHEETING OR AUTHORITY APPROVED EQUAL. CONTRACTOR SHALL COORDINATE WITH CFX FOR COLOR DETAIL.
3. LOGO L-2 (DIMENSIONS IN INCHES):
CONTRACTOR SHALL COORDINATE WITH CFX FOR DIMENSION DETAILS.
4. SHOP DRAWINGS ARE REQUIRED.
5. CONTRACTOR SHALL PROVIDE 4" x 4" SAMPLES OF EACH IN EACH APPLICABLE COLOR. NO FABRICATION SHALL COMMENCE UNTIL THE SAMPLES HAVE BEEN REVIEWED AND WRITTEN ACCEPTANCE RECEIVED FROM THE AUTHORITY. SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
6. INSTALLATION SHALL BE PART OF A 3M MATCHED COMPONENT SYSTEM AND MEET ALL 3M SIGN FABRICATION REQUIREMENTS. CONTACT 3M COMPANY 1-800-553-1380.

CROSS ROAD	FACING DIRECTION
CR 435	NORTH & SOUTH
TOTAL ASSEMBLIES	

AUTHORITY LOGO (L-2)
BRIDGE MOUNTING LOCATIONS
(CROSSROADS)

GENERAL NOTES

1. LOGO (L-2) SHALL BE USED AT ALL BRIDGE MOUNTING LOCATIONS.
2. PANEL SHALL BE MOUNTED FLUSH WITH BARRIER. CONTRACTOR SHALL BE RESPONSIBLE FOR MOUNTING AND SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO PANEL INSTALLATIONS.
3. SIGN PANEL TO BE EVENLY SPACED VERTICALLY WITHIN 2'-8" (TYP.) TRAFFIC RAILING BARRIER.
4. CONTRACTOR SHALL UTILIZE TRAFFIC CONTROL REQUIREMENTS OF INDEX 611 WHILE INSTALLING SIGNS. NO TRAVEL LANES ARE PERMITTED TO BE CLOSED. ANY APPROVAL NECESSARY TO WORK IN RIGHT-OF-WAY OTHER THAN OWNED BY THE AUTHORITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. LOGO INSTALLATION TO BE PAID PER ASSEMBLY UNDER ITEM NO. 700-3-301B (OVERHEAD SIGN BRIDGE MOUNTED).

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DAVID E. WAGNER, P.E.
P.E. LICENSE NO. 49363
PARSONS
201 E PINE STREET, SUITE 900, ORLANDO, FL 32801
PHONE: (407) 702-6800 / FAX: (407) 702-6950
CERTIFICATE OF AUTHORIZATION NO. 1838

CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
ROAD NO.	PROJECT NO.
SR 429	429-205

**BRIDGE MOUNTED
LOGO INSTALLATION**

SHEET NO.

S-40