CENTRAL FLORIDA EXPRESSWAY AUTHORITY

SIGNING AND PAVEMENT MARKING DETAILS

FOR DESIGN AND CONSTRUCTION ON THE CFX SYSTEM

MARCH 2024

CENTRAL FLORIDA EXPRESSWAY AUTHORITY 4974 ORL TOWER RD. ORLANDO, FL 32807 PHONE NUMBER: (407) 690-5000 FAX NUMBER: (407) 690-5011

HEET NO.	DESCRIPTION	DGN Name	Date	Revision	SHEET NO.	DESCRIPTION	DGN Name	Date	Revision
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DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		D PAVEMENT DETAILS	CENTRAL Florida	77
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SIGNING GENERAL NOTES

- 1. 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 VISIBLE UNTIL SUCH TIME AS THE PROPOSED SIGN ASSEMBLY INSTALLATION IS COMPLETED.
- .3. EXCEPT WHERE NOTED, CODE NUMBER AND SIGN LISTED ARE STANDARD AS SHOWN IN 11TH EDITION OF MUTCD AND STANDARD HIGHWAY SIGNS MANUAL, FHWA, 2004 WITH THE 2012 SUPPLEMENT.
- 4. 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.
- 5. 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 CEI. THE ENGINEER OF RECORD MUST APPROVE EXTREME LOCATION CHANGES.
- 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.
- 7. 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. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO SIGN REMOVAL. FINAL WORK ITEMS MAY ONLY BE DEFERRED AT THE DIRECTION OF THE CEI.
- 8. PAYMENT FOR ALL EROSION CONTROL WORK AND MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE UNIT COST OF THE SIGN ASSEMBLY.
- ALL MISCELLANEOUS WORK NECESSARY IN THE SHOULDER AREA TO CONSTRUCT AND/OR REMOVE SIGNS (I.E. GRADING, SODDING, 9. CLEARING AND GRUBBING, GUARDRAIL RE-SETTING OR FENCE RE-SETTING) IS CONSIDERED INCIDENTAL, AND SHALL BE CONSIDERED INCIDENTAL TO THE COST OF 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 COST OF THE SIGN ASSEMBLY.
- 10. 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. SEE SPECIAL PROVISION FOR SIGNS THAT WILL BE RETURNED TO CFX.
- 11. VERIFY FIELD ELEVATIONS FOR VERTICAL SUPPORTS FOR ALL SIGNS PRIOR TO FABRICATION.
- 12. 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.
- 13. 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. COST TO BE CONSIDERED INCIDENTAL TO THE UNIT PRICE OF THE SIGN ASSEMBLY.
- 14. 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 CFX. NO ADDITIONAL PAYMENT WILL BE PERMITTED.
- 15. 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.
- 16. STEEL 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.
- 17. 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.
- 18. 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 FON 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.
- 19. DOCUMENT ALL SIGN STRUCTURE IDENTIFICATION NUMBERS ON EXISTING STRUCTURES PRIOR TO PAINTING. ANY DAMAGED OR MISSING STRUCTURE IDENTIFICATION NUMBER SHALL BE REPORTED TO THE CEI.
- 20. PROTECT AND PRESERVE THE EXISTING SIGN STRUCTURE IDENTIFICATION NUMBER REFLECTIVE STICKERS ("NODES") DURING PAINTING. MISSING OR DAMAGED NODES SHALL BE REPLACED ONCE THE FINISH COAT HAS SUFFICIENTLY CURED. REQUESTS FOR REPLACEMENT NODES SHALL BE SUBMITTED TO THE CEI. SEE SPECIAL PROVISIONS.

- 21. PROVIDE WIRING AND PULL BOXES (AS NECESSARY) TO ALL FUTURE SIGN PANEL POSITIONS AND CAP OFF IN THE CONNECTOR BOX.
- 22. WHEN REMOVING PANELS AND/OR ADDING PANELS TO AN EXISTING STRUCTURE: THE COST FOR ADJUSTING EXISTING LUMINAIRES, INCLUDING REPAIR IF NECESSARY, AND ANY OTHER HARDWARE AND COMPONENT PARTS REQUIRED FOR A COMPLETE LUMINAIRE SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE FOR PANEL REMOVAL OR INSTALLATION. REMOVAL OF EXISTING LUMINAIRES SHALL INCLUDE REMOVAL OF MOUNTING BRACKET ARM. INSTALLATION OF NEW LUMINAIRES SHALL INCLUDE NEW MOUNTING BRACKET ARMS.
- 23. THE SIGN LIGHTING LUMINARIES SHALL BE "NIGHT AIMED" TO ASSURE PROPER ILLUMINATION OF THE SIGN SURFACE. THE LUMINARIES MUST BE AT AN ANGLE SUFFICIENT TO PREVENT THEM FROM SHINING INTO THE FACES OF DRIVERS TRAVELING IN THE OPPOSITE DIRECTION
- 24. THE CEI SHALL FIELD VERIFY AND DOCUMENT NEED FOR SHIELDING PRIOR TO INSTALLATION. THE CEI SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD FOR RESOLUTION. COST OF SHIELDING SHALL BE CONSIDERED INCIDENTAL TO THE SIGN ASSEMBLY OR NEW SIGN LUMINAIRE INSTALLATION AS APPROPRIATE.
- 25. ENERGIZE OVERHEAD SIGN LUMINAIRES WITHIN 24 HOURS OF INSTALLATION.
- 26. BE RESPONSIBLE FOR VERIFYING LOCATIONS OF EXISTING ROADWAY LIGHTING CONDUIT PRIOR TO INSTALLATION OF ROADWAY SIGNAGE
- 27. 3M SCOTCH BRAND VERY HIGH BOND (VHB) ACRYLIC FOAM TAPE NUMBER 4950 OR CFX'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.
- 28. 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.
- 29. 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.
- 30. NEW SIGN PANEL(S) ON EXISTING OVERHEAD STRUCTURES SHALL BE INSTALLED USING NEW HANGERS AND HARDWARE NECESSARY TO SECURE THE PROPOSED SIGN PANEL(S) IN ACCORDANCE WITH FDOT INDEX 700-030.
- 31. EXISTING SIGNS TO BE RELOCATED TO PROPOSED STRUCTURES SHALL BE INSTALLED USING NEW COMPONENT PARTS REQUIRED FOR A COMPLETE SIGN INSTALLATION INCLUDING, BUT NOT LIMITED TO, HANGERS, LUMINAIRES, LUMINARE MOUNTING BRACKET ARMS AND ALL HARDWARE ASSOCIATED WITH EACH COMPONENT.
- 32. NEW SIGN PANELS INSTALLED ON EXISTING POSTS (SINGLE OR MULTI-POST) SHALL BE MOUNTED USING NEW HARDWARE.
- 33. WHERE FULL PANEL OVERLAYS ARE SPECIFIED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND MATCHING EXISTING CORNER RADII. ALL EXISTING DEMOUNTS OR OVERLAYS SHALL BE REMOVED PRIOR TO PROPOSED FULL OR PARTIAL OVERLAY INSTALLATION.
- 34. FOR PARTIAL PANEL OVERLAYS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL EXISTING COPY TO BE OVERLAID IS COMPLETELY COVERED. THE CONTRACTOR SHALL ALSO ENSURE THE OVERLAY DOES NOT COVER ANY PORTION OF THE EXISTING COPY OR BORDER WHICH IS TO REMAIN VISIBLE.
- 35. PERMANENT PANELS SHALL NOT BE INSTALLED WITH TEMPORARY FULL OR PARTIAL OVERLAYS. IT IS ACCEPTABLE FOR A PROPOSED SIGN STRUCTURE TO BE INSTALLED WITHOUT SIGNAGE.
- 36. 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. (FOR PROJECTS WITHOUT UTILITY ADJUSTMENT PLANS, THE SECTION ENGINEER SHALL DELETE THE SECOND SENTENCE AND SUPPLY THE LIST OF UTILITY OWNERS AND TELEPHONE NUMBERS.)
- 37. CFX'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.
- 38. STRUCTURE NUMBERS XX, XX, AND XX ARE WITHIN THE LIMITS OF A CFX LANDSCAPING PROJECT OR AN EXISTING CFX SPECIAL LANDSCAPED AREA. STRUCTURES MAY BE RELOCATED SLIGHTLY AS DIRECTED BY THE CEI IN ORDER TO MINIMIZE IMPACT TO LANDSCAPE MATERIAL. THE CONTRACTOR SHALL EXERCISE CAUTION THROUGH LANDSCAPING LIMITS DURING ALL PHASES OF CONSTRUCTION ACTIVITY. ANY EXISTING LANDSCAPE MATERIAL DAMAGED DURING THE CONSTRUCTION PROCESS SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
- 39. IN ORDER TO ACCOMMODATE THE SIGN ASSEMBLY, SOME LANDSCAPE MATERIAL MAY REQUIRE PERMANENT RELOCATION OR REMOVAL AND REPLACEMENT WITH ANOTHER VARIETY OF MATERIAL. THE CONTRACTOR SHALL PROVIDE THE CEI WITH A PRELIMINARY LANDSCAPE ADJUSTMENT PLAN INCLUDING PROPOSED PLANT MATERIAL(S). CFX SHALL APPROVE ALL PROPOSED OR RELOCATED PLANT MATERIAL PRIOR TO INSTALLATION. COST OF LANDSCAPE MATERIAL ADJUSTMENT SHALL BE CONSIDERED INCIDENTAL TO THE UNIT COST OF THE SIGN ASSEMBLY.

				ENGINEER OF RECORD FULL NAME, P.E.	SIGNING AND PAVEMENT			
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		DETAILS	CENTRAL FLORIDA	GENEI
				ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	ROAD NO.	PROJECT NO.	EXPRESSWAY AUTHORITY	

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- 40. 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.
- 41. 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.
- 42. ALL ROADWAY AND TOLL PLAZA 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 CFX'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 CFX'S APPROVED EQUAL. SCHOOL CROSSING SIGNS (S1-1) AND SUPPLEMENTAL PLAQUES SHALL BE FABRICATED USING 3M DG3 FLUORESCENT YELLOW-GREEN SHEETING OR CFX'S APPROVED EQUAL.
- 43. FOR FULL PANEL OVERLAYS, THE OVERLAY FABRICATOR SHALL PROVIDE A DETACHED BACK OF PANEL DECAL CONTAINING ALL REQUIRED INFORMATION. THE CONTRACTOR SHALL APPLY THE DECAL TO THE BACK OF THE EXISTING PANEL IN THE VICINITY OF THE EXISTING DECAL. THE EXISTING DECAL SHALL REMAIN VISIBLE.
- 44. 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 CFX'S REPRESENTATIVE. THE CEI, EOR AND CFX'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 CAN 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.
- 45. 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 CFX 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.
- 46. BE RESPONSIBLE FOR FILLING OUT THE COLUMN ENTITLED "AS-BUILT STATION" IN THE TABLE ON THE DETAIL SHEET FOR SPECIAL DESIGN MILE POSTS.
- 47. (FOR PROJECTS WITH TOLL PLAZAS) GATORHEAD MOUNTED SIGNS (TYPICALLY PAY TOLL AND WATCH FOR PEDESTRIANS) SHALL NOT EXTEND PAST THE CONCRETE BARRIER FACE. IF THE FACE IS BEVELED, THE PANELS SHALL NOT EXTEND PAST THE BEGINNING OF THE BEVELED EDGE. EACH PANEL SHALL BE MOUNTED FLUSH WITH THE FLAT PORTION OF THE BARRIER FACE. THE CEI SHALL IMMEDIATELY NOTIFY THE EOR AND CFX IF THIS REQUIREMENT IS NOT SATISFIED.
- 48. COLOR PURPLE SHALL BE 3M COMPANY DG3 RETROREFLECTIVE SHEETING 4058FL OR CFX APPROVED EQUAL SEE ADDITIONAL NOTES ON APPLICABLE DETAIL SHEETS.
- 49. SIGN PANEL FABRICATOR SHALL BE AN AUTHORIZED 3M CERTIFIED FABRICATOR. CURRENT CERTIFICATE SHALL BE SUBMITTED TO CEI PRIOR TO FABRICATION. CEI TO FORWARD ALL CERTIFICATES TO CFX'S REPRESENTATIVE FOR APPROVAL. CONTACT 3M AT 800-553-1380 FOR CERTIFICATION DETAILS.
- 50. ALL SIGN PANELS, INCLUDING OVERLAYS, SHALL BE FABRICATED UTILIZING THE "DIGITAL PRINTING" METHOD.
- 51. CEI WILL VERIFY THE TOLL RATES PRIOR TO THE FABRICATION OF ANY TOLL SCHEDULE SIGN.
- 52. THE LINEAR DELINEATION SYSTEM (LDS) SHALL BE 3M SERIES 340 OR CFX APPROVED EQUAL. EACH PANEL SHALL BE 34 INCHES LONG, 6 INCHES WIDE AND SPACED APPROXIMATELY 18 INCHES APART. ANCHOR BOLTS AND BRACKETS SHALL BE USED WHEN ATTACHING LDS PANELS TO BARRIER WALL AND GUARDRAIL RESPECTIVELY. CONTRACTOR SHALL INSTALL THE LDS IN ACCORDANCE WITH 3M REQUIREMENTS AS SPECIFIED IN THE LATEST 3M PRODUCT BULLETIN. CONTACT 1-800-553-1380 FOR ADDITIONAL INFORMATION. (CONSULTANT TO UPDATE CONTACT PER LATEST 3M PRODUCT BULLETIN)
- 53. ADJUST LDS PANEL SPACING SUCH THAT EACH PANEL INSTALLED IS FULLY 34 INCHES LONG AND SPACING IS EQUIDISTANT. THE CEI SHALL APPROVE SPACING PRIOR TO INSTALLATION.
- 54. SHEETING ON THE LDS PANELS SHALL BE 3M DG3 OR CFX APPROVED EQUAL AND COLOR SHALL MATCH ADJACENT EDGE LINE.
- 55. ALONG SR 408 BETWEEN THE INTERCHANGES OF KIRKMAN ROAD AND CHICKASAW TRAIL, SINGLE (INCLUDING WALL AND BRIDGE MOUNT) AND MULTI-POST SIGN ASSEMBLIES (ALL POSTS, POST ATTACHMENT HARDWARE, AND BACK OF SIGN PANELS) SHALL BE PAINTED BLACK. THE BLACK PAINT SHALL BE SEMI-GLOSS "THERMOSET POWDER PAINT FINISH", FEDERAL COLOR #27038. THE BACK OF PANEL DECAL CONTAINING OWNER AND FABRICATION INFORMATION SHALL BE APPLIED AFTER THE PAINTING PROCESS IS COMPLETE.
- 56. ALL PARTIAL PANEL OVERLAYS SHALL HAVE THE SHEETING ORIENTED IN THE SAME DIRECION AS THE ORIGINAL PANEL.

REVISIONS			ENGINEER OF RECORD FULL NAME, P.E.					
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	SIGNING AND PAVEMENT MARKING DETAILS		CENTRAL FLORIDA	GENE.
					ROAD NO.	PROJECT NO.	EXPRESSWAY AUTHORITY	
				CERTIFICATE OF AUTHORIZATION 00009999				

ERAL NOTES - SIGNING	SHEET NO.
SHEET 2 OF 2	3

PAVEMENT MARKING GENERAL NOTES

- 1. REFLECTIVE PAVEMENT MARKER ADHESIVE FOR USE ON ASPHALT AND CONCRETE PAVEMENT SHALL BE BITUMINOUS MATERIAL UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
- PROVIDE A TEMPORARY LAYOUT OF ALL TOLL PLAZA RELATED PAVEMENT MARKINGS FOR APPROVAL BY THE CEI PRIOR TO 2. PERMANENT INSTALLATION
- 3. 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.
- ROADSIDE MOUNTED FLEXIBLE TUBULAR DELINEATORS SHALL BE "SAFE-HIT CORPORATION, TYPE 2 GUIDE POST (48" WITH 4 FLATTENED TOP) OR CFX'S APPROVED EQUAL.
- 5. ROADWAY MOUNTED FLEXIBLE SINGLE UNIT DELINEATORS SHALL BE FLEXSTAKE 48" FLAT, LOW PROFILE SURFACE MOUNT DELINEATORS MODEL HD OR CFX'S APPROVED EQUAL. DELINEATOR ADHESIVE FOR USE ON ASPHALT AND CONCRETE PAVEMENT SHALL BE BITUMINOUS MATERIAL. ENTIRE DELINEATOR BASE SHALL BE ADHERED TO ROADWAY.
- 3M COMPANY STANDARD PREFORMED PATTERNED RETROREFLECTIVE PAVEMENT MARKING TAPE (PPRT), SERIES 380AW IS TO BE SPECIFIED FOR ALL SOLID LANE LINES, EDGE LINES, SKIP STRIPING, "DO NOT STOP" PAVEMENT MESSAGES, AND GORE MARKINGS ON ASPHALT AND CONCRETE PAVEMENT ON FACILITIES WITHIN CFX'S JURISDICTION.
- 7. DO NOT ABUT MULTIPLE STRIPES IN ORDER TO MEET THE SPECIFIED WIDTH (I.E. THREE 6" STRIPES TO MAKE ONE 18" STRIPE. ETC.).
- IF DELINEATORS, RPMS, OR PAVEMENT MARKING MATERIALS ARE PROPOSED FOR USE OTHER THAN THE PRODUCTS SPECIFIED IN 8 THE GENERAL NOTES OR PLAN DETAILS, A SAMPLE OF EACH IN ALL APPLICABLE COLORS SHALL BE SUBMITTED TO CFX 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.
- PROPOSED 12" WHITE/BLACK ALTERNATING 3'-3'-9' 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.
- 10. PROVIDE A TEMPORARY LAYOUT OF THE OPTION LANE DIRECTIONAL ARROW FOR APPROVAL BY THE CEI PRIOR TO PERMANENT INSTALLATION. THE CEI SHALL ADJUST THE LOCATION AS NECESSARY TO PROVIDE OPTIMUM VISUAL BENEFIT TO THE MOTORIST

PAY ITEM NOTES

IT IS THE EOR'S RESPONSIBILITY TO UPDATE AND/OR COMPLETE ALL PAY ITEM NUMBERS (I.E., 700-4X-XXXD) AND STRUCTURE NUMBERS (I.E., OT-X) AS WELL AS ADD AND/OR REVISE NOTES AS APPLICABLE WITHIN CFX'S JURISDICTION.

- 1. 560-3
- EXISTING OVERHEAD SIGN STRUCTURE UPRIGHT PAINTING: REMOVAL AND REINSTALLATION OF EXISTING UPRIGHT ATTACHMENTS AND STRUCTURE IDENTIFICATION NUMBERS SHALL BE CONSIDERED INCIDENTAL TO COST OF UPRIGHT PAINTING.
- 2. 700-1-XX (WALL MOUNT): SIGNS ARE SPECIAL DESIGN WALL MOUNTED ASSEMBLIES. COST INCLUDES SIGN, HARDWARE, POST, AND MATERIALS FOR A COMPLETE ASSEMBLY PER STRUCTURAL DETAILS IN PLANS. (TO BE INCLUDED ONLY WHEN CFX REQUIRES A DESIGN OTHER THAN FOOT INDEX 11871)
- 3. 700-1-XX (RCM, JCT, TRAILBLAZERS): SIGNS ARE SPECIAL DESIGN SINGLE POST ASSEMBLIES. SEE STRUCTURAL DETAILS IN PLANS.
- 4. 700-1-XX (FLIP-UP SIGNS): PANELS ARE PERMANENT FLIP-UP SIGNS AS DETAILED IN THE FDOT TRAFFIC ENGINEERING MANUAL. PAYMENT FOR THE HINGE AND ANY OTHER SPECIAL HARDWARE REQUIRED FOR THE FLIP-UP PANEL SHALL BE CONSIDERED INCIDENTAL TO SIGN ASSEMBLY INSTALLATION.
- 5. 700-1-XX: WHEN EXISTING SIGN ASSEMBLIES ARE TO BE REMOVED FROM OR RELOCATED ALONG BARRIER WALLS AND BRIDGES. THE CONTRACTOR SHALL PATCH, SEAL, AND PAINT ALL HOLES AS A RESULT OF ASSEMBLY REMOVAL OR RELOCATION. PAINT SHALL MATCH EXISTING AND MATERIALS SHALL BE APPROVED BY THE CEI PRIOR TO USE. COST SHALL BE CONSIDERED INCIDENTAL TO ASSEMBLY REMOVAL OR RELOCATION.
- 6. 700-3-XXX:

SIGN PANEL TO BE MOUNTED FLUSH WITH BRIDGE GIRDER OR PARAPET WALL SPACERS MAY BE REQUIRED BEHIND THE PANEL SUCH THAT FINAL SIGN FACE IS INSTALLED VERTICALLY PLUMB. ANY ALUMINUM SIGN SURFACE WHICH OTHERWISE COMES INTO CONTACT WITH CONCRETE SHALL BE COATED WITH AN ALKALI-RESISTANCE COATING. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CATALOG CUTS FOR ATTACHMENT METHOD. PAYMENT FOR ALL ADDITIONAL ITEMS SHALL BE CONSIDERED INCIDENTAL TO THE SIGN PANEL.

- 7 700-3-8XX· ALL COSTS FOR REMOVAL OF EXISTING OVERLAYS SHALL BE CONSIDERED INCIDENTAL TO THIS PAY ITEM.
- 8 700-3-9XX· ALL COSTS FOR REMOVAL OF EXISTING OVERLAYS SHALL BE CONSIDERED INCIDENTAL TO THIS PAY ITEM.
- 9 700-4-XXX·
- SIGN UPRIGHT PAINTING SHALL BE CONSIDERED INCIDENTAL TO COST OF PROPOSED STRUCTURE.
- 10. 700-4-XXX (FOR USE IN PROJECTS CONTAINING TOLL PLAZA APPROACH SIGNS WITH A SINGLE LINE DMS): FOR SIGN STRUCTURES OT-X, OT-X, OT-X, AND OT-X, PAY ITEM SHALL INCLUDE SPECIAL LUMINAIRE PIPE SUPPORTS FOR THE DMS SIGN. PAYMENT FOR THE DMS IS NOT INCLUDED. SEE ITS PLANS FOR ADDITIONAL DETAILS.
- 11. 700-10-XXX (MULTI-LINE DMS): SEE ITS PLANS FOR DETAILS.
- 12. 705-11B:

1.3. 706-3:

- 3M LINEAR DELINEATION SYSTEM OR CFX APPROVED EQUAL. SEE PAVEMENT MARKING GENERAL NOTES FOR DETAILS.
- 14. 711-1A-XXX: 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 CFX'S DIRECTOR OF CONSTRUCTION AND THE CEI. COST OF THE INITIAL PAINT APPLICATION SHALL BE INCIDENTAL TO THE THERMOPLASTIC PAY ITEM.
- 15. 713-1AA-BCD:

PREFORMED TAPE SHALL BE 3M COMPANY 380AW OR CFX APPROVED EQUAL. SEE GENERAL NOTES.

16. 715-11-XXX:

PAYMENT SHALL BE INCIDENTAL TO COST OF STRUCTURE. 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 COST OF THE SIGN ASSEMBLY. THE CEI SHALL FIELD VERIFY AND DOCUMENT NEED FOR SHIELDING PRIOR TO INSTALLATION. THE CEI SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD FOR RESOLUTION

- 17. IN ADDITION TO CFX SPECIFICATION 104-5. PAYMENT FOR ALL EROSION CONTROL WORK AND MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE UNIT COST OF THE SIGN ASSEMBLY.
- 18. REMOVAL OF HARDWARE, LIGHTING, ETC. SHALL BE CONSIDERED INCIDENTAL TO THE COST OF SIGN PANEL REMOVAL.

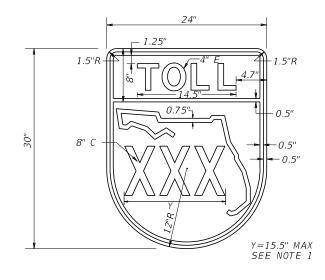
			ENGINEER OF RECORD FULL NAME, P.E.	SIGNING AND PAVEMENT				
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999		PROJECT NO.	CENTRAL FLORIDA expressway authority	G. MARKII

RAISED PAVEMENT MARKERS (RPMS) ARE TO BE 3M COMPANY SERIES 290 OR CFX APPROVED EQUAL.

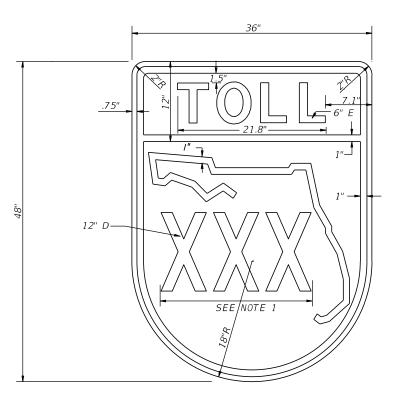
GENERAL NOTES -	SHEET NO.
INGS / PAY ITEM NOTES	4



- 1. DELETE ALL INFORMATION NOT SPECIFIC TO PROJECT.
- 2. DELETE "FOR USE ON" NOTES AND BOX UNDER TOLL SHIELDS.



FOR USE ON: 1. MINOR CROSSROAD (2 LANE) ROUTE MARKERS.



FOR USE ON:

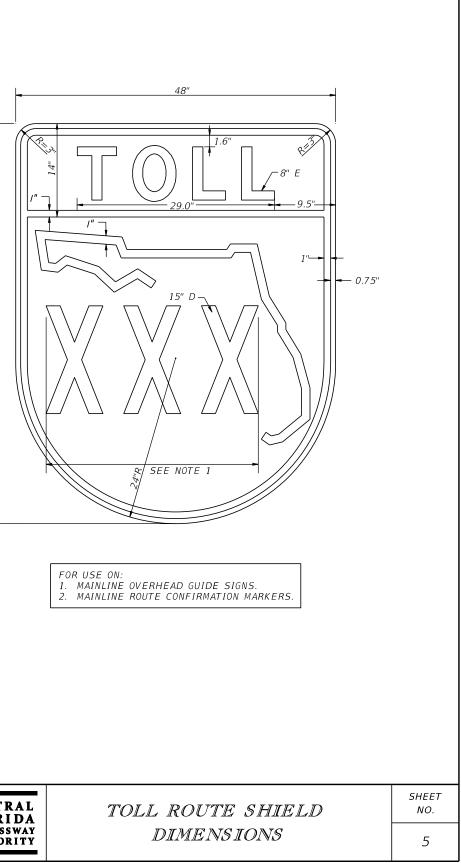
- MAINLINE LARGE MULTI-POST GUIDE SIGNS
 ALL MAJOR CROSSROAD GUIDE SIGNING (OVERHEAD AND MULTI-POST)
 ALL MAJOR CROSSROAD ROUTE MARKERS
 TOLL BUILDINGS



NOTES:

1. 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.

				ENGINEER OF RECORD FULL NAME, P.E.	SIGNING AND PAVEMENT				
F	DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		G DETAILS	CENTRAL	$\mathcal{T}C$
					ENGINEER OF RECORD COMPANY STREET	ROAD NO.	PROJECT NO.	FLORIDA EXPRESSWAY	
					ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999			AUTHORITY	

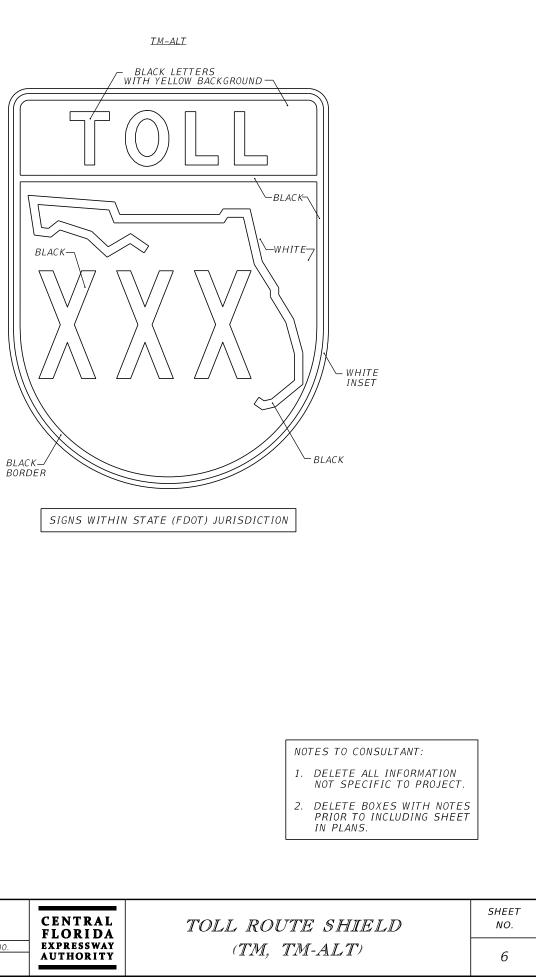


60"

– BLACK LETTERS WITH YELLOW BACKGROUND — -BLACK--WHITE-BLACK-- WHITE INSET -ORANGE BLACK_/ BORDER

TM

SIGNS ALONG INTERCHANGING CROSSROADS, TRAILBLAZER ASSEMBLIES ON FACILITIES LEADING TO THE INTERCHANGING CROSSROAD



NOTES:

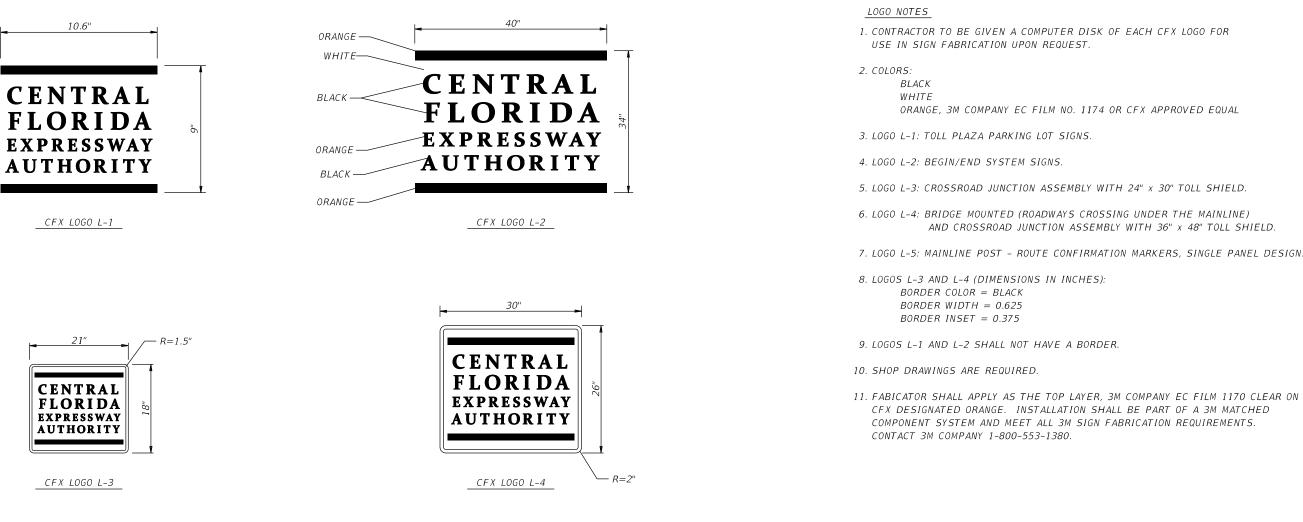
- 1. COLORS INDICATED ON SHIELD ARE APPLICABLE TO ALL SIZES.
- 2. SHOP DRAWINGS ARE REQUIRED.

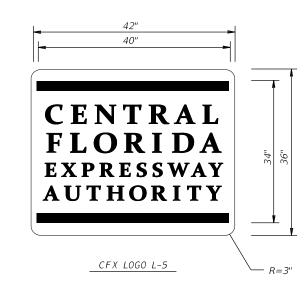
3. COLORS:

BLACK WHITE YELLOW ORANGE, 3M COMPANY EC FILM SERIES 1174 OR CFX APPROVED EQUAL.

4. FABRICATOR SHALL APPLY AS THE TOP LAYER, 3M COMPANY EC FILM 1170 CLEAR ON CFX 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.

			ENGINEER OF RECORD FULL NAME, P.E.	SIGNING AND PAVEMENT				
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				ENGINEER OF RECORD FULL NAME, P.E.	SIGNING AND PAVEMENT		
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	D PAVEMENT DETAILS PROJECT NO.	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	

ORANGE, 3M COMPANY EC FILM NO. 1174 OR CFX APPROVED EQUAL

AND CROSSROAD JUNCTION ASSEMBLY WITH 36" x 48" TOLL SHIELD.

7. LOGO L-5: MAINLINE POST - ROUTE CONFIRMATION MARKERS, SINGLE PANEL DESIGN.

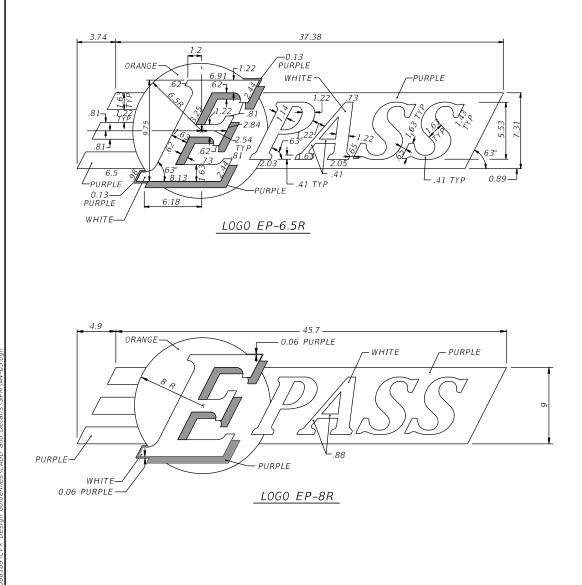
CFX DESIGNATED ORANGE. INSTALLATION SHALL BE PART OF A 3M MATCHED COMPONENT SYSTEM AND MEET ALL 3M SIGN FABRICATION REQUIREMENTS.

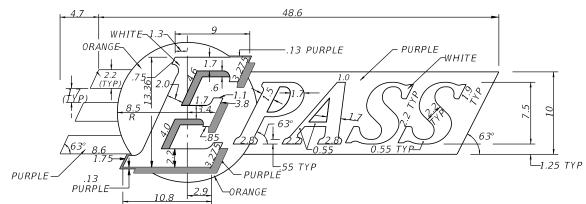
NOTES TO CONSULTANT:

1. DELETE ALL INFORMATION NOT SPECIFIC TO PROJECT.

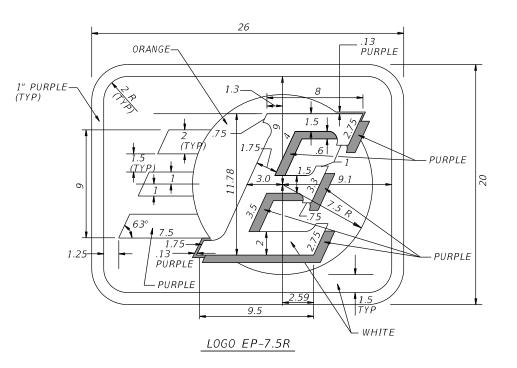
2. DELETE BOX WITH NOTES PRIOR TO INCLUDING SHEET IN PLANS.

CFX LOGOS L-1 THRU L-5 SHEET NO.





LOGO EP-8.5R



EP LOGO NOTES:

1. EPASS LOGO COLORS:

WHITE

PURPLE: 3M COMPANY DG3 RETROREFLECTIVE SHEETING MATCHING 3M 4058FL OR CFX APPROVED EQUAL. ORANGE: 3M EC FILM SERIES 1174 OR CFX APPROVED EQUAL.

2. FABRICATOR SHALL APPLY AS THE TOP LAYER, 3M COMPANY EC FILM 1170 CLEAR ON CFX 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.

3. NARROW PORTIONS OF SPECIAL DESIGN COPY IN EPASS LOGOS SHALL HAVE MINIMUM THICKNESS AS FOLLOWS:

EP-6.5R = 0.41	EP-10R = 0.63	EP - 12R = 0.75
EP - 7.5R = 0.75	EP - 10.4R = 0.67	EP - 12.5R = 0.84
EP - 8R = 0.50	EP - 10.8R = 1.10	EP - 14R = 0.88
EP - 8.5R = 0.55	EP - 11.5R = 0.84	EP - 16R = 1.00

- 4. ALL DIMENSIONS ARE IN INCHES.
- 5. FABRICATOR TO BE GIVEN A COMPUTER DISK OF ARTWORK AS NEEDED UPON REQUEST. FABRICATOR MUST SPECIFY FILE FORMAT REQUIRED HOWEVER, SOME FORMATS MAY NOT BE AVAILABLE.
- 6. DRAWINGS ARE NOT TO SCALE.
- 7. LOGO EP-10.8R IS TO BE MOUNTED TO THE TOP OF EXISTING OVERHEAD GUIDE SIGNS IN A SIMILAR FASHION AS EXIT NUMBER PLAQUES.

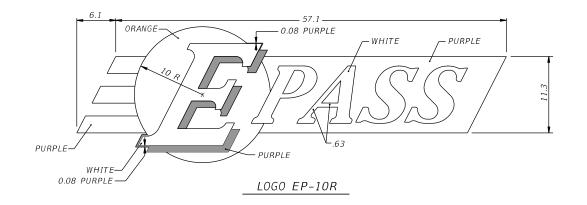
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DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999		D PAVEMENT DETAILS PROJECT NO.	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	

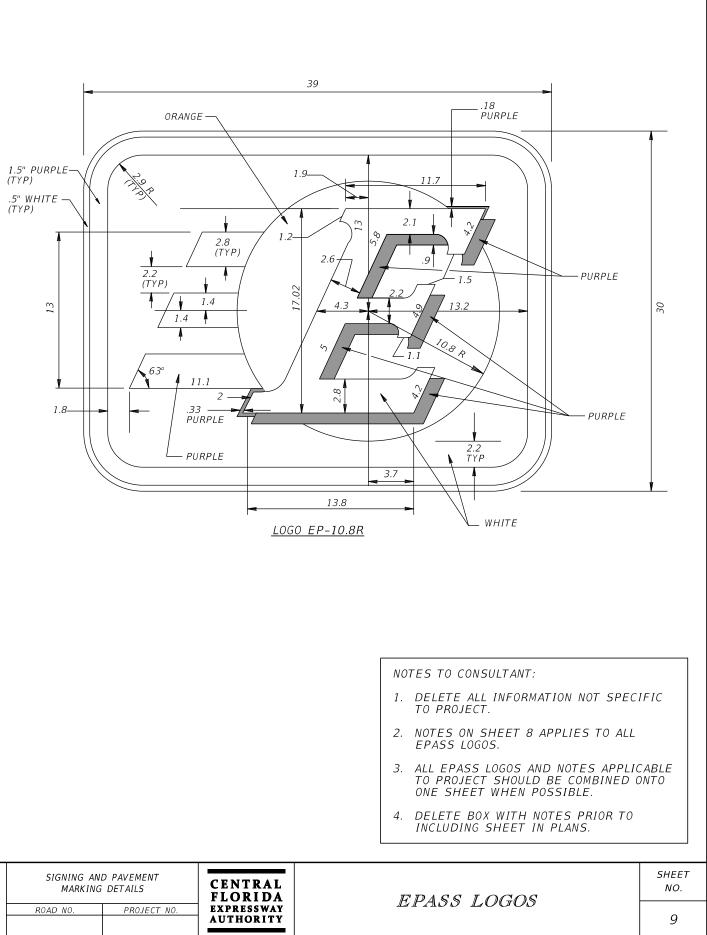
NOTES TO CONSULTANT:

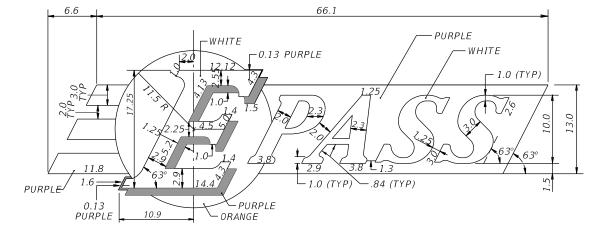
- DELETE ALL INFORMATION NOT SPECIFIC TO PROJECT. 1.
- DELETE BOX WITH NOTES PRIOR TO 2. INCLUDING SHEET IN PLANS.

EP-20R = 1.25

SHEET NO. EPASS LOGOS 8

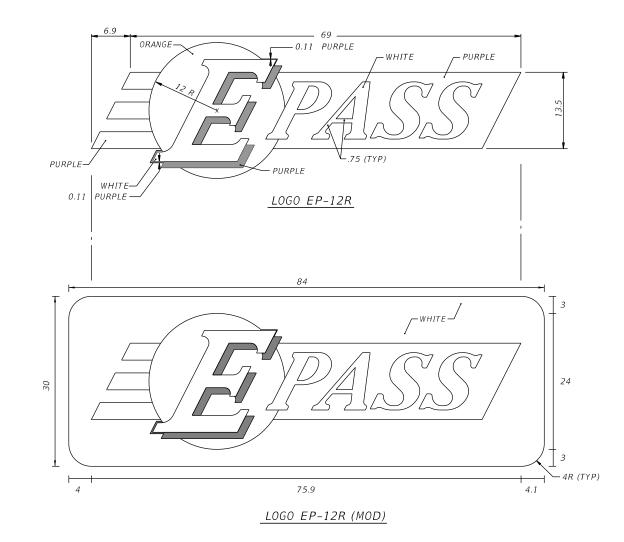


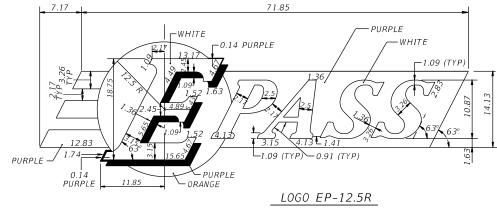


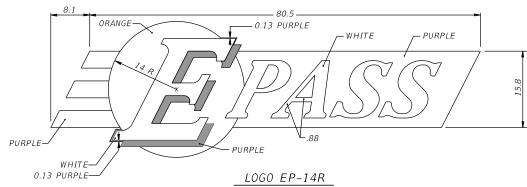


LOGO EP-11.5R

DATE	REVI: DESCRIPTION	SIONS DATE	DESCRIPTION	ENGINEER OF RECORD FULL NAME, P.E.	SIGNING AN	D PAVEMENT		
DAIL	DESCRIPTION	DAIL	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME	MARKING	G DETAILS	CENTRAL FLORIDA	
				ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP	ROAD NO.	PROJECT NO.	EXPRESSWAY AUTHORITY	
				CERTIFICATE OF AUTHORIZATION 00009999				

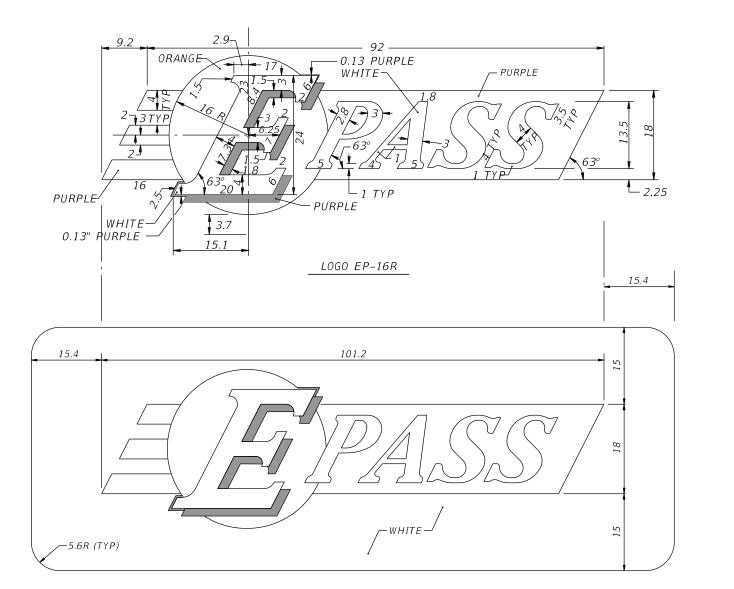




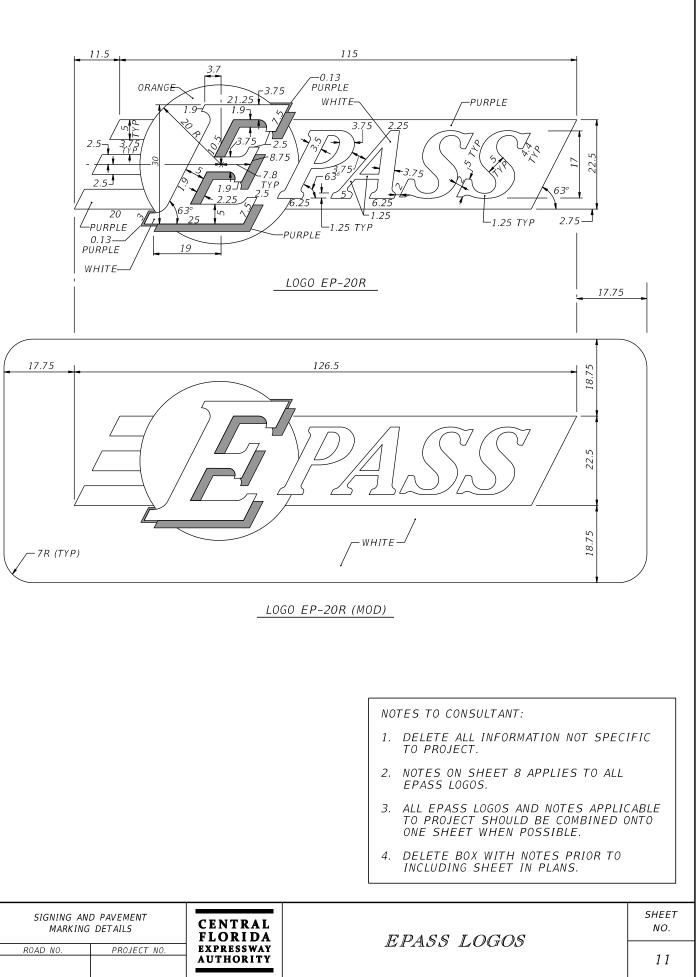


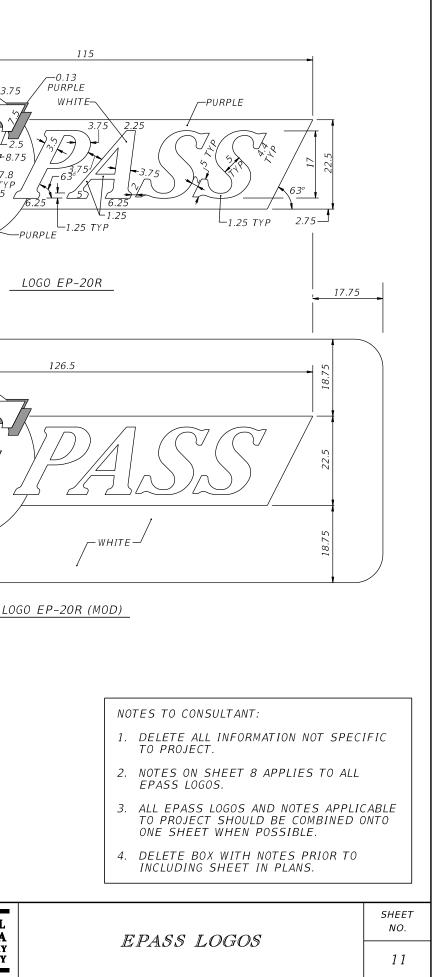
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	R	VISIONS		ENGINEER OF RECORD FULL NAME, P.E.				
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		ID PAVEMENT G DETAILS	CENTRAL FLORIDA	
				ENGINEER OF RECORD COMPANY STREET	ROAD NO.	PROJECT NO.	EXPRESSWAY	
				ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999			AUTHORITY	

NOTES TO CONSULTANT:	
1. DELETE ALL INFORMATION NOT SP TO PROJECT.	PECIFIC
2. NOTES ON SHEET 8 APPLIES TO A EPASS LOGOS.	ALL
3. ALL EPASS LOGOS AND NOTES APP TO PROJECT SHOULD BE COMBINE ONE SHEET WHEN POSSIBLE.	
4. DELETE BOX WITH NOTES PRIOR INCLUDING SHEET IN PLANS.	ТО
EPASS LOGOS	SHEET NO.
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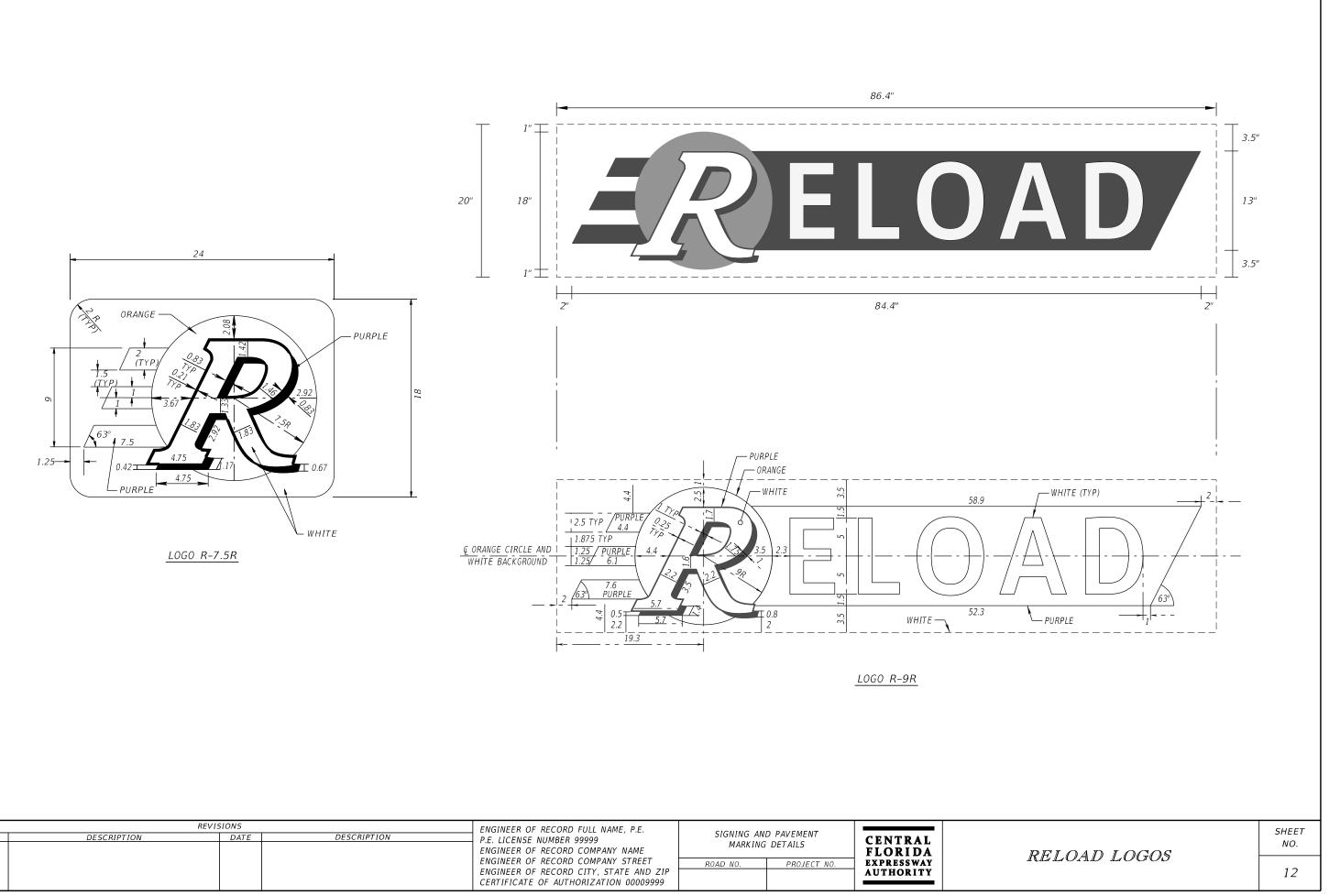


LOGO EP-16R (MOD)





	REVI	SIONS		ENGINEER OF RECORD FULL NAME, P.E.	D PAVEMENT		
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	 PROJECT NO.	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	



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DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP	D PAVEMENT DETAILS PROJECT NO.	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	
				CERTIFICATE OF AUTHORIZATION 00009999			

SIGN NUMBER	101		МС	UNTING	G: OVERHE	EAD TH	RUSS (OT-X)							USE: M,	AINLIN	e ove	RHEAL	D SIGNS	5					
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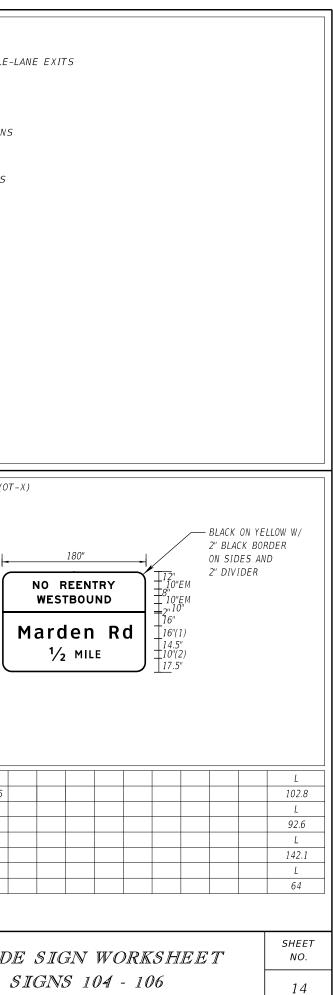
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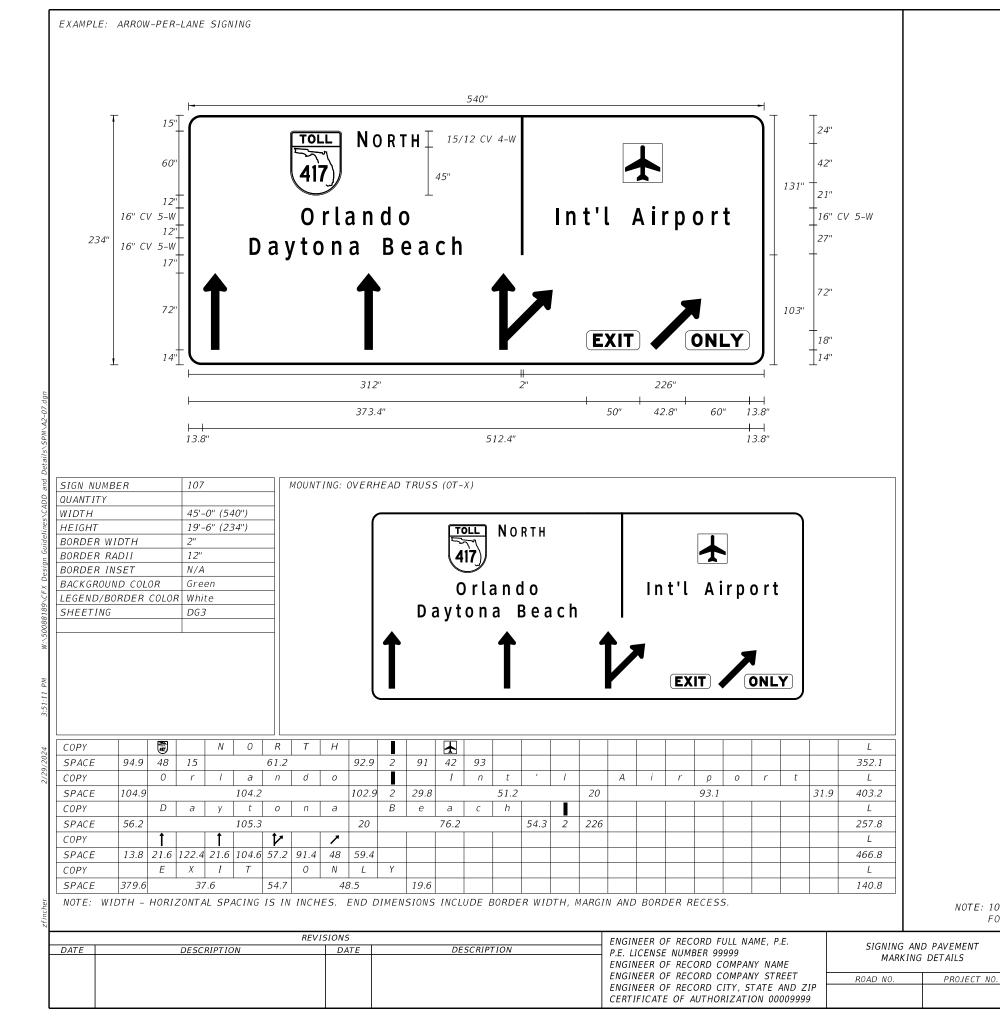
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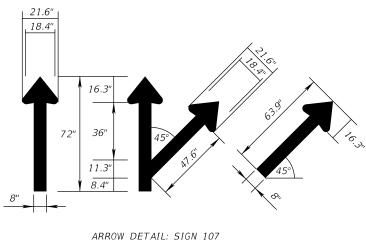
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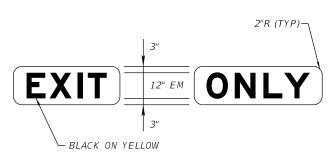
TION TEXT

SIGN NUMBER	104		MOUNTING: ON	'ERHEAD CA	NTILEVER	(OC-X)								USE:	MAINLIN	e overhe	AD SI	GNS					
QUANTITY WIDTH	25'-0" (300")													EXAMP	LES:								
HEIGHT	<u> </u>													TRADIT	TIONAL I		GUIDE	SIGNS	S FOR TO	LLED A	ND NON-TO	LLED SI	NGLE-L
BORDER WIDTH	2"										_	**		NO REI	ENTRY S	SIGNING							
BORDER RADII	12"						300"				/												
BORDER INSET	N/A		Ŧ								$\checkmark_{18.5''}$			INSTRU	JCTIONS	TO DESI	GNERS	CONTII	NUED:				
BACKGROUND COLOR	Green/Yellow					We	st	Ρd			$+\frac{10.5}{16''}$				DE STAN	DARD NOT	ES EO	R HORI	IZONTAI	SPACIN	G AND ENL	DIMEN	SIONS
LEGEND & BORDER COLOR	White/Black			13"							+13''				JE STAN	DAND NOT	2510	(1101()	ZONTAL	JI ACIM		DIMEN.	1005
SHEETING	DG3		126"		Clarc	ona	1 - O	сое	ee	Rd	16"										PANEL LAY		
NOTES:				34" +							16.5"										Y/SPACE TH FEET		HES
				12"EM 🛨	E	ХІТ	\checkmark	ΟΝΙ	LY		22"						·						
10% EXTRA INTER-LETTE INCLUDED ON PANELS W. LEGEND ON YELLOW BORI	ITH BLACK		Ŧ	16.5" ⊥ <u> 20.6</u> "			258.8"			 2	J ±12" 			COPY S	5PACING		E IN WO)RD LE			CES BETW) SHALL B		Đ
** BLACK ON YELLOW W/ BORDER ON SIDES AND .																007 (777	CONDI	NAI ES	, 000000	LEFTS			
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СОРҮ																							
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WIDTH HEIGHT BORDER WIDTH BORDER RADII BORDER INSET BACKGROUND COLOR LEGEND & BORDER COLOR SHEETING NOTES: 10% EXTRA INTER-LETTE INCLUDED ON PANELS W LEGEND ON YELLOW BORI ** BLACK ON YELLOW W/ BORDER ON SIDES AND	DG3 ER SPACE IS ITH BLACK DER 2" BLACK		168"	14" 12"EM 30" 16" 12" 16" 36.2" 12"EM 19.8" + 20.6"	Clarc	We ona xıt		Rd				** ?		SHEETING NOTES: EACH NUMI 10" CV 4-W 10% EXTRA	NDII SET ID COLOR ID COLOR ID COLOR ID COLOR BER WITH GIVING A INTER-ION PANE	10'-6' 2" 9" N/A Green DG3 HIN A FRACT A TOTAL HE LETTER SPA LS WITH BL	TON SH, IGHT OF CE IS			г: learviewH learviewH		12	
СОРУ Р	A Y	Т	0 L L										L	СОРҮ		N O		R	E	E N	T R		
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COPY C SPACE 20.6		<u>с</u> 115.9	o n a	6 6.2	6	С	0 80.3	е	е	16	R d 28.4	20.6	L 258.8	COPY SPACE	20.5	M a		d 3.7	e i	ו 20	R d 28.4	17.4	
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NOTE: WIDTH - HORI						.,							145.0								AND BORDE	R RECESS	5.
DATE	DESCRIPTION		REVISIONS DATE		DESCR	IPTION				P.E. LI ENGIN ENGIN ENGIN	CENSE NUM EER OF REG EER OF REG EER OF REG	BER 999 CORD CO CORD CO CORD CO	JLL NAME, P.E 999 OMPANY NAM OMPANY STRE ITY, STATE AI RIZATION 000	ET		IING AND F MARKING D			F I EX	ENTR ORII PRESSV THORI	DA VAY	GL	VIDI S







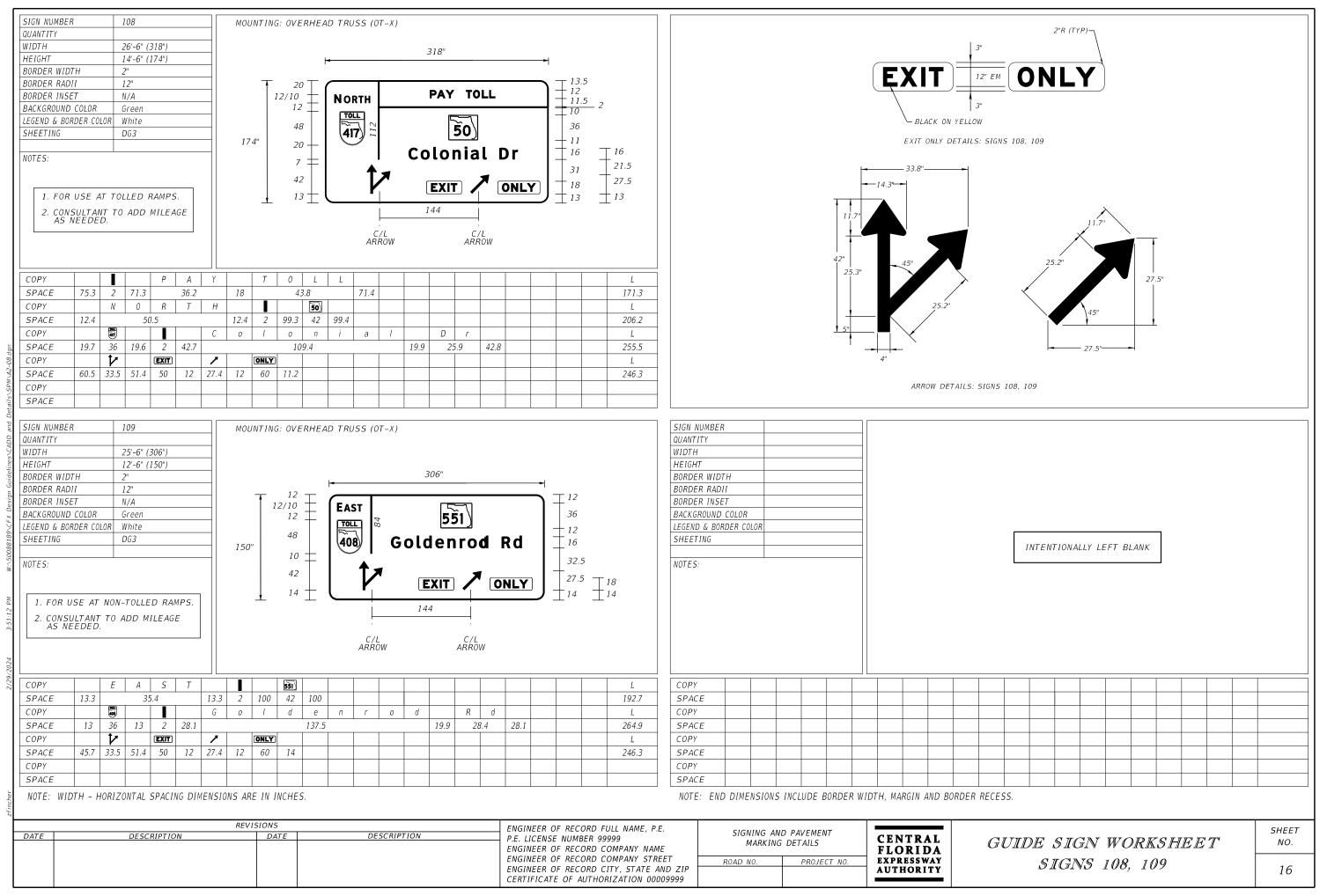


EXIT ONLY DETAILS: SIGN 107

NOTE: 10% EXTRA INTER-LETTER SPACING WA FOR NEGATIVE CONTRAST COPY (BLACK

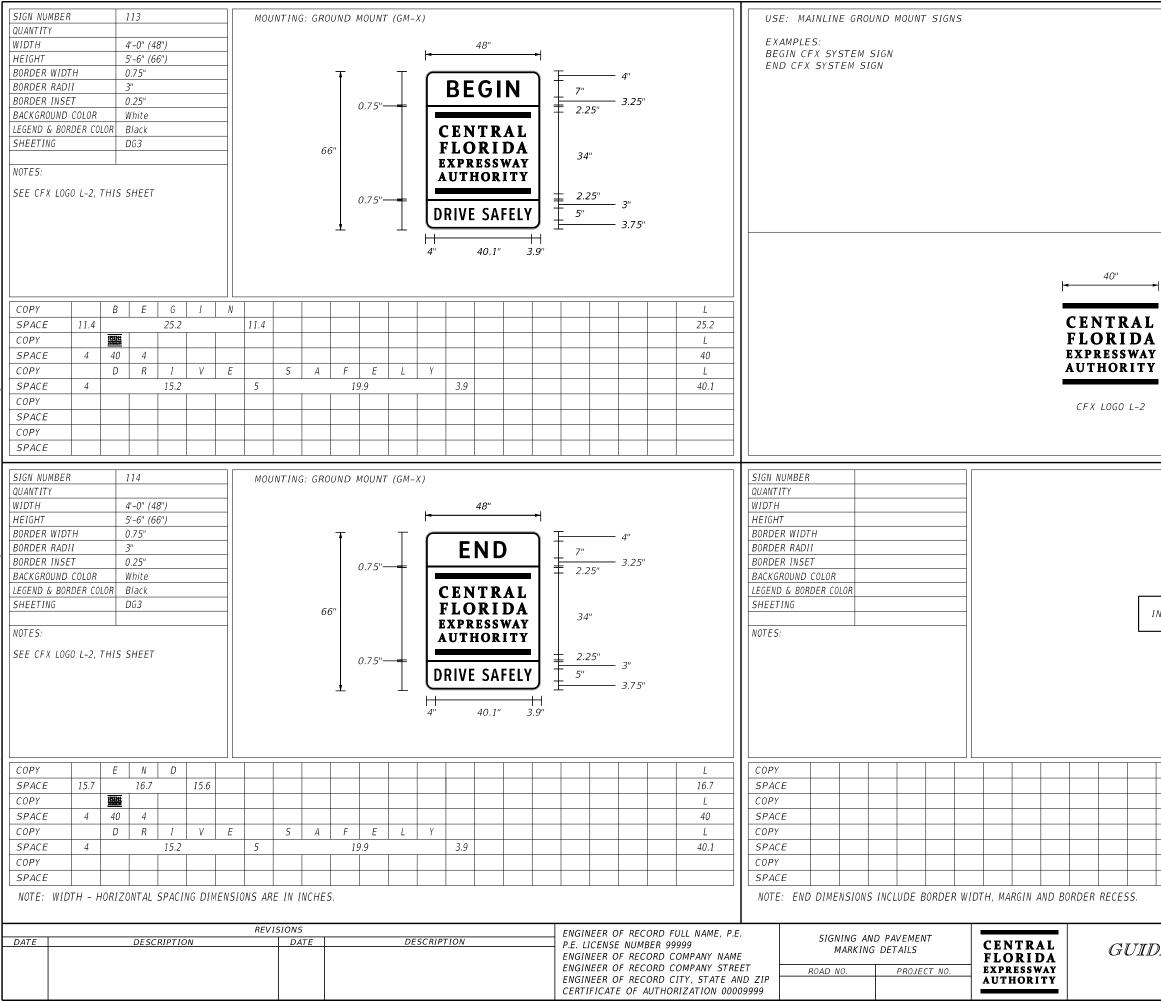
> CENTRAL GUIFLORIDA EXPRESSWAY AUTHORITY

AS INCLUDED IN THE DESIGN OF THIS PANEL LEGEND ON YELLOW BACKGROUND)	
IDE SIGN WORKSHEET	SHEET NO.
SIGN 107	15



SIGN NUMBER110QUANTITYI2'-6" (150")WIDTH12'-6" (60")BORDER WIDTH2"BORDER RADII8"BORDER INSETN/ABACKGROUND COLORGreenLEGEND & BORDER COLORWhiteSHEETINGDG3NOTES:I	MOUNTING: GROUND MOUNT (GM-X) $60'' \begin{bmatrix} 38'' \\ 10'' \\ 12'' \end{bmatrix} \begin{bmatrix} 150'' \\ Kissimmee \\ NEXT RIGHT \\ 116'' \\ 17'' \\ 116'' \\ 17'' \end{bmatrix} \begin{bmatrix} 15'' \\ 13.3'' \\ 9.7'' \\ 10'' \\ 12'' \end{bmatrix}$	USE: MAINLINE SIGNS EXAMPLES: SUPPLEMENTAL GUIDE SIGN CROSSROAD STREET NAME SIGN EXIT NUMBER PLAQUE / AUXILIARY PANEL INSTRUCTIONS TO DESIGNERS CONTINUED: EXIT NUMBER PLAQUE / AUXILIARY PANEL: THE SUFFIX LETTER, WHEN NECESSARY, SHALL BE SEPARATED FROM THE EXIT NUMBER BY ONE HALF (1/2) OF THE SUFFIX LETTER HEIGHT THE BORDER WIDTH SHALL MATCH THAT OF THE MAIN PANEL TO WHICH IT IS ATTACHED
SPACE17COPYNEX	i m m e e i i i i i i 16 17 17 17 116 116 17 17 110 116 116 3.4 42.4 29.5 110 110 1 1 1 110 110 1 1 1 1 110 1 1 1 1 110 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <t< td=""><td></td></t<>	
The product of the	MOUNTING: GROUND MOUNT (GM-X) $114''$ $24'' \int J Lawson Blvd = 8'' CV 5-W$ $10'' 93.9'' 10.1''$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
COPY J L a SPACE 10 4.5 8		COPY E X I T 1 1 A I
DATE DESCRIPTION	REVISIONS ENGINEER OF RECORD FULL NAME, P. DATE DESCRIPTION P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STR ENGINEER OF RECORD COMPANY STR ENGINEER OF RECORD CITY, STATE A CERTIFICATE OF AUTHORIZATION 000 CERTIFICATE OF AUTHORIZATION 000	ME CENTRAL GUIDE SIGN WORKSHEET NO. REET ROAD NO. PROJECT NO. EXPRESSWAY AUTHORITY SIGNS 110 - 112 17

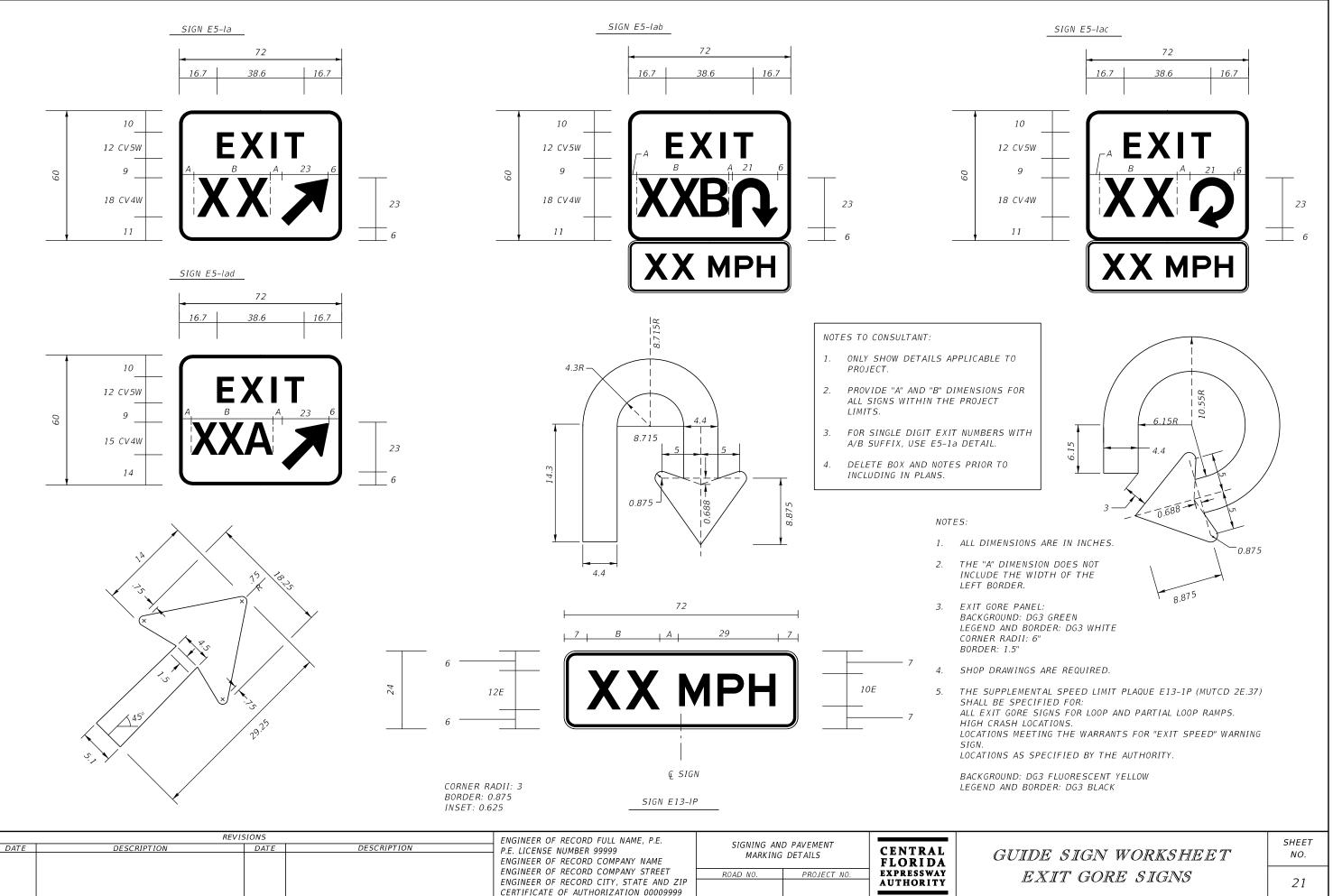




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Image: selection of the selection	
DE SIGN WORKSHEET SIGNS 113, 114	sheet no. 18

SIGN NUMBER 115	MOUNTING: OVERHEAD CANTILEVER (OC-X)	USE: OVERHEAD SIGNS
QUANTITY WIDTH 15'-6" (186") HEIGHT 12'-0" (144") BORDER WIDTH 2"	186"	EXAMPLES: CROSSROADS GUIDE SIGNS EXPRESSWAY ENDS SIGN
BORDER RADII 10" BORDER INSET N/A BACKGROUND COLOR Green LEGEND & BORDER COLOR White SHEETING DG3 NOTES: NOTES:	FONT: $ \begin{array}{c} 144'' \\ 144'' \\ 13.3''(2) \\ 13.3''(2) \\ 32.7'' \\ FONT: \\ \begin{array}{c} 144'' \\ 13.3''(2) \\ 13.3''(2) \\ 15.6'' \\ \end{array} \begin{array}{c} JCT \\ \hline UCL \\ VXX \\ Destination A \\ Destination B \\ DISTANCE \\ \begin{array}{c} 12'' \\ 13.3''(2) \\ 10.7'' \\ 13.3''(2) \\ 10.7'' \\ 13.3''(2) \\ 10.7'' \\ 13.3''(2) \\ 10.7'' $	
	(1) ClearviewHwy-4-W (2) ClearviewHwy-5-W	
SPACE 54.3 29.1 12.4 COPY D E S T SPACE 15.6		
G Pue OPPO SIGN NUMBER 116 QUANTITY QUANTITY WIDTH 16'-6" (198") HEIGHT 12'-0" (144") BORDER WIDTH 2" BORDER RADII 10" BORDER INSET N/A BACKGROUND COLOR Green LEGEND & BORDER COLOR White SHEETING DG3 NOTES: NOTES:	MOUNTING: OVERHEAD CANTILEVER (OC-X)	SIGN NUMBER 117 QUANTITY
	FONT: (1) ClearviewHwy-5-W (2) ClearviewHwy-4-W	
SPACE 49.7 36 12 49.7 COPY D E S T SPACE 18.7 5 COPY D E S T SPACE 18.7 5 S T S S T S SPACE 20.4 5 T S S T S	R T H I	COPY B E X P R E S S W A Y Image: S Image: S <thimage: s<="" th=""> Image: S Image: S<</thimage:>
DATE DESCRIPTION	REVISIONS ENGINEER OF RECORD FULL NAME, P. DATE DESCRIPTION P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAM ENGINEER OF RECORD COMPANY STRI ENGINEER OF RECORD COMPANY STRI ENGINEER OF RECORD CITY, STATE A CERTIFICATE OF AUTHORIZATION 000 CERTIFICATE OF AUTHORIZATION 000	AND ZIP ROAD NO. PROJECT NO. NO. PROJECT NO. CENTRAL GUIDE SIGN WORKSHEET NO. SIGNS 115 - 117

SIGN NUMBER 118	MOUNTING, CROUND MOUNT (CM X)	HEEL DAMP CROWNS MOUNT CIENC	
QUANTITY	MOUNTING: GROUND MOUNT (GM-X)	USE: RAMP GROUND MOUNT SIGNS	
WIDTH 10'-6" (126") HEIGHT 6'-0" (72")		EXAMPLES: CROSSROAD DIRECTION SIGN	
BORDER WIDTH 2"		ENTRANCE RAMP SIGN	
BORDER RADII 9" BORDER INSET N/A	- 126″	INSTRUCTIONS TO DESIGNERS CONTINUED:	
BACKGROUND COLOR Green	1 \top \top \Box $10''$	CROSSROAD DIRECTIONAL SIGN:	
LEGEND & BORDER COLOR White	54" 5 0) 24"	STREET NAME SHALL BE 8" CV5W. THE FIRST LETTER OF CARDINAL DIRECTION SHALL BE 8" CV4W	
SHEETING DG3	$72'' \qquad 72'' \qquad Colonial Dr \qquad = 8'' 6''$	AND THE REMAINING LETTERS SHALL BE 6" CV4W. ARROWS SHALL BE 12" x 8".	
NOTES:	$\begin{array}{c c} & & & & \\ \hline \\ \hline$	BORDER SHALL BE 2".	
USE 2" BORDER REGARDLESS OF	$\int 10^{\prime\prime} \pm 0^{\prime\prime} \pm 0^{\prime\prime} \pm 10^{\prime\prime}$		
TOTAL PANEL AREA (SF)			
	10" 106" 10"		
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SPACE 48 50 48 COPY C 0 1 0	n i a I D r D L		
SPACE 24.3 54.			
COPY ← W E 5, SPACE 10 12 8 25	S T E A S T \rightarrow L 17.4 23.6 8 12 10 106		
SPACE IU I2 8 25 COPY			
SPACE			
SPACE			
SIGN NUMBER 119	MOUNTING: GROUND MOUNT (GM-X)	SIGN NUMBER	
QUANTITY WIDTH 12'-6" (150")		QUANTITY WIDTH	
HEIGHT 8'-0" (96")		HEIGHT	
BORDER WIDTH 2" BORDER RADII 9"	150"	BORDER WIDTH BORDER RADII	
BORDER INSET N/A		BORDER INSET	
BACKGROUND COLOR Green LEGEND & BORDER COLOR White		BACKGROUND COLOR LEGEND & BORDER COLOR	
SHEETING DG3		SHEFTING	
		INTENTIONALLY LEFT BLANK	
NOTES:		NOTES:	
- - -	11.1" 127.8" 11.1"		
+ Z			
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COPY E N T R			
SPACE 11.1 76. COPY	<u>12.5</u> <u>39.2</u> <u>11.1</u> <u>127.8</u>	SPACE	
SPACE		SPACE Image: Space in the second se	
СОРУ		COPY Image: Copy	
NOTE: WIDTH – HORIZONTAL SPACING DIMI	NSIUNS ARE IN INCHES.	NOTE: END DIMENSIONS INCLUDE BORDER WIDTH, MARGIN AND BORDER RECESS.	
	REVISIONS ENGINEER OF RECORD FULL NAME, P.E		CULLT
DATE DESCRIPTION	DATE DESCRIPTION P.E. LICENSE NUMBER 99999	MARKING DETAILS CENTRAL CITTOR STON WORKSHERT	SHEET NO.
	ENGINEER OF RECORD COMPANY NAMI ENGINEER OF RECORD COMPANY STRE	ET ROAD NO. PROJECT NO. EXPRESSWAY STICTNIS 118 110	
	ENGINEER OF RECORD CITY, STATE AN CERTIFICATE OF AUTHORIZATION 000	ID ZIP AUTHORITY SIGNS 110, 119	20





NOTES	ΤO	CONSULTANT:

- 1. INSERT CORRECT ROUTE NUMBER.
- 2. INSERT PROJECT SPECIFIC SIGN NUMBERS.
- 3. ONLY SHOW CARDINAL DIRECTIONS AND DATA APPLICABLE TO PROJECT.
- 4. DELETE THIS BOX AND NOTES PRIOR TO INCLUDING SHEET IN PLANS.

	REVI	SIONS		ENGINEER OF RECORD FULL NAME, P.E.		DAVEMENT		
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		D PAVEMENT 6 DETAILS	CENTRAL FLORIDA	SPECI
				ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	ROAD NO.	PROJECT NO.	EXPRESSWAY AUTHORITY	CONFIL

COPY SPACING

WEST

41.9

EAST

35.4

NORTH

46

SOUTH

45

6

9.3

4.0

4.5

6.1

9.3

4.0

4.5

SIZE/SERIES

12/10 CV4W

12/10 CV4W

12/10 CV3W

12/10 CV3W

1. MAIN PANEL:

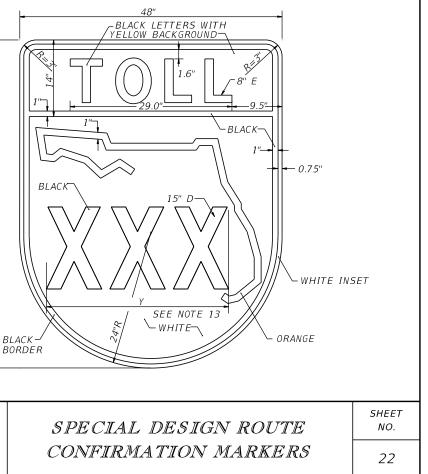
BACKGROUND: GREEN BORDER: WHITE BORDER WIDTH: 1" CORNER RADII: 3"

- 2. CARDINAL DIRECTION: WHITE
- MAKE FIRST LETTER OF CARDINAL DIRECTION 20% LARGER MINIMUM. ALL LETTERS 3 ARE BOTTOM JUSTIFIED.
- 4. TOLL SHIELD TM AND LOGO L-5 SPECIAL COLORS:

ORANGE: 3M COMPANY EC FILM NO. 1174 OR CFX APPROVED EQUAL

- LOGO L-5 SHALL BE CENTERED WITHIN A 42"x36" WHITE RECTANGLE. THE WHITE RECTANGLE 5. SHALL BE USED IN VERTICAL AND HORIZONTAL PANEL DIMENSIONING.
- GRAPHIC FILES FOR THE TOLL SHIELD AND LOGO CAN BE PROVIDED FOR USE IN 6. FABRICATION UPON REQUEST.
- FABRICATOR SHALL APPLY AS THE TOP LAYER, 3M COMPANY EC FILM 1170 CLEAR ON THE 7. CFX 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. 8.
- 9. 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 CFX.
- 10. ONE REPRESENTATIVE SHOP DRAWING PER CARDINAL DIRECTION MAY BE SUBMITTED PROVIDED THE APPROPRIATE QUANTITY IS SHOWN PER DIRECTION.
- 11. FABRICATOR SHALL USE STATE OUTLINE CONFIGURATION SHOWN IN TOLL SHIELD DETAIL.
- 12. FABRICATOR TO REDUCE CARDINAL DIRECTION COPY SPACING AS NEEDED TO MEET SPECIFIED LENGTHS.
- 13. FABICATOR SHALL USE STANDARD HORZIONTAL SPACING FOR NUMERALS IN ROUTE SHIELD WHEN POSSIBLE. FABICATOR SHALL OPTICALLY ADJUST NUMERAL SPACING AS NEEDED TO PREVENT OVERLAP ONTO THE STATE OUTLINE OR SHIELD BORDER.

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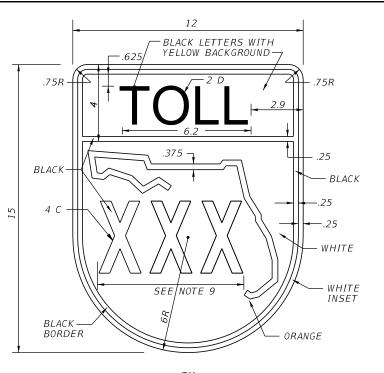


MAIN PANEL: 1. BACKGROUND: GREEN LEGEND AND BORDER: WHITE BORDER WIDTH: 0.5" CORNER RADII: 1.5"

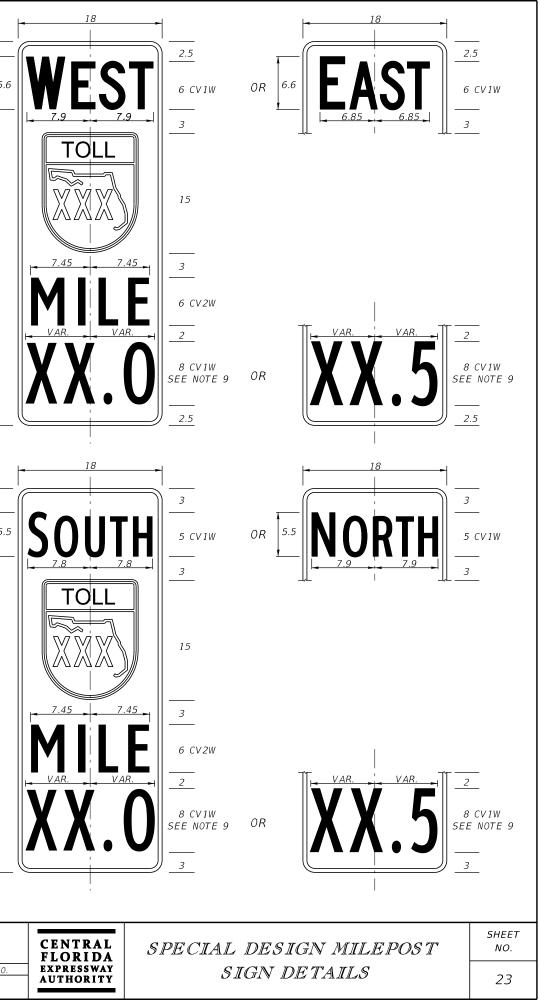
NOTES:

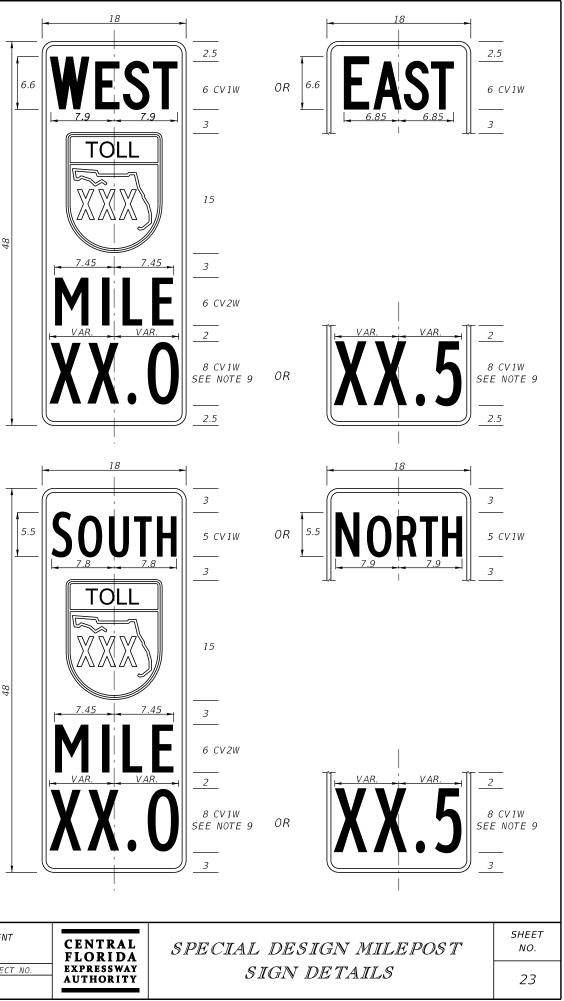
- MAKE FIRST LETTER OF CARDINAL DIRECTION 10% LARGER (AS SHOWN). 2. ALL LETTERS ARE BOTTOM JUSTIFIED.
- TOLL SHIELD COLORS: З. BLACK WHITE YELLOW ORANGE: 3M COMPANY EC FILM NO. 1174 OR CFX APPROVED EQUAL.
- FABRICATOR SHALL APPLY AS THE TOP LAYER, 3M COMPANY EC FILM 1170 CLEAR 4. ON THE CFX DESIGNATED 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.
- 5. ALL DIMENSIONS ON SHEET ARE IN INCHES.
- 6. 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 CFX. SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
- 7. OPTICALLY LOCATE MILEPOST NUMERALS IN BOTH FORMATS (XX.0 AND XX.5) ABOUT THE CENTERLINE OF PANEL.
- FABRICATOR TO ADJUST HORIZONTAL SPACING AS NECESSARY TO FIT. DO NOT 8. OVERLAP ONTO STATE OUTLINE OR SHIELD BORDER.
- DETAILED SHOP DRAWINGS ARE REQUIRED. 9.
- 10. FABRICATOR SHALL USE THE STATE OUTLINE CONFIGURATION SHOWN IN THE TOLL SHIELD DETAIL.

	S	R XXX MILE	POSTS	
M.P. NO.	SHLDR	MEDIAN	PROP. STATION	AS-BUILT STATION
30	Х	Х	502+10	
30.5	X	X	527+00	
31	Х		554+90	



ΤM





							1	1
		REVISIONS		ENGINEER OF RECORD FULL NAME, P.E.		D DAVENENT		
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999	SIGNING AND PAVEMENT MARKING DETAILS		CENTRAL	SPECIA
				ENGINEER OF RECORD COMPANY NAME			FLORIDA	
				ENGINEER OF RECORD COMPANY STREET	ROAD NO.	PROJECT NO.	EXPRESSWAY	
				ENGINEER OF RECORD CITY, STATE AND ZIP			AUTHORITY	
				CERTIFICATE OF AUTHORIZATION 00009999				

SHEET IN PLANS.

NOTES TO CONSULTANT:

1.

2.

З.

4.

INFORMATION SHOWN IN TABLE IS FOR EXAMPLE

NEEDED FOR SPECIFIC PROJECT.

PURPOSES ONLY. CONSULTANT SHALL REVISE AS

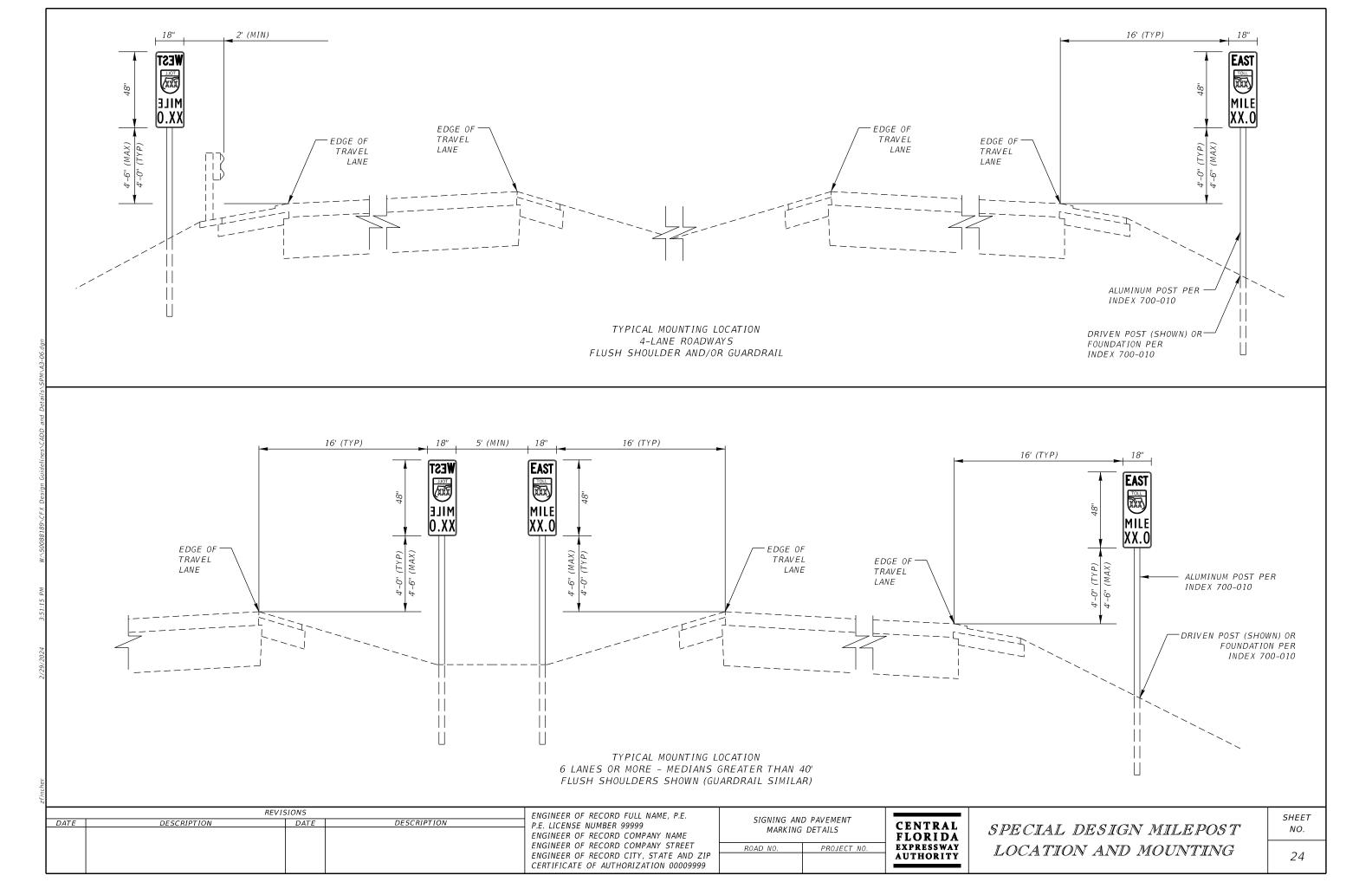
ONLY SHOW INFORMATION RELATIVE TO SPECIFIC PROJECT

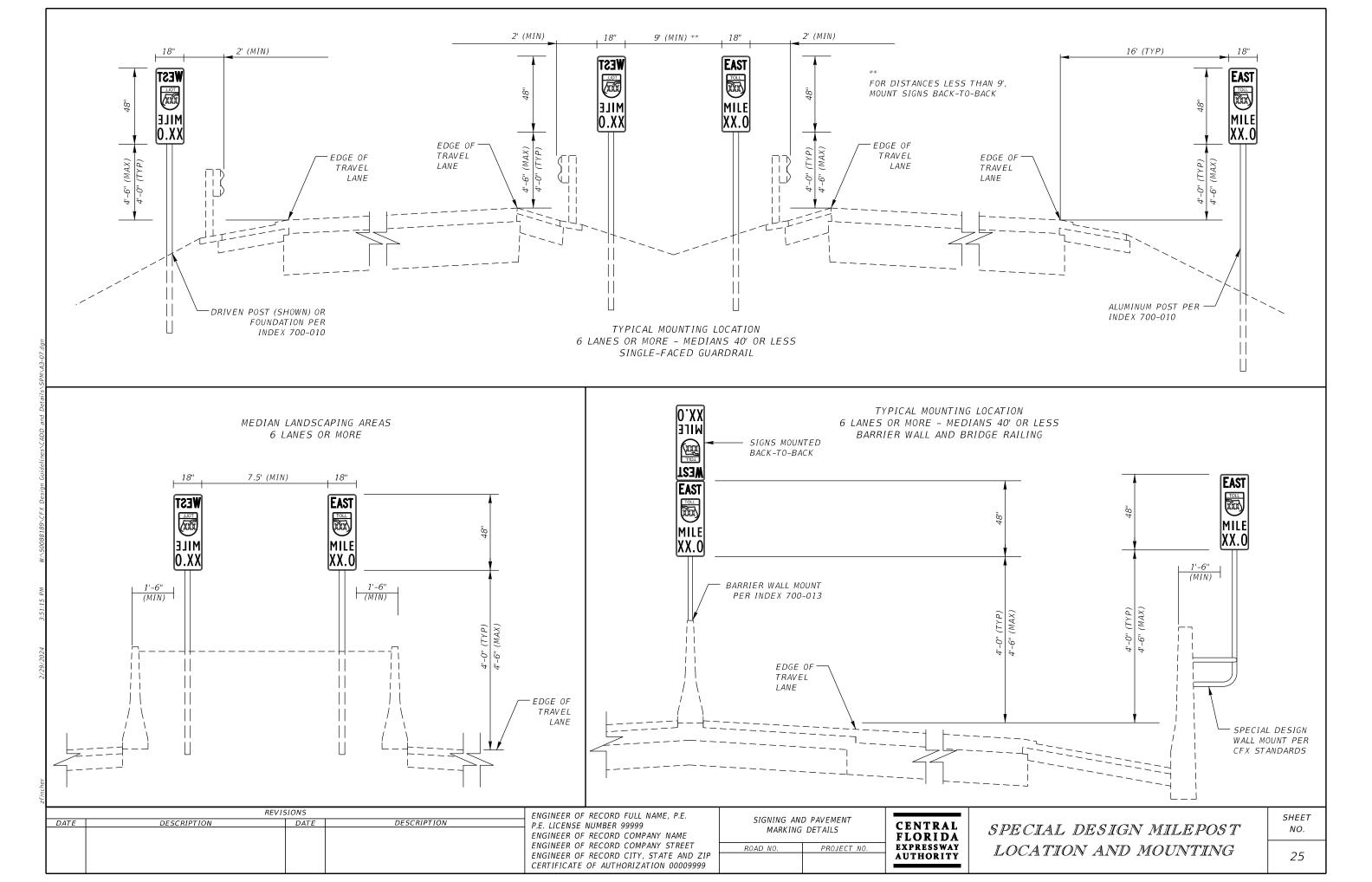
IF THE LOCATION OF A MILEPOST IN ONE DIRECTION OF

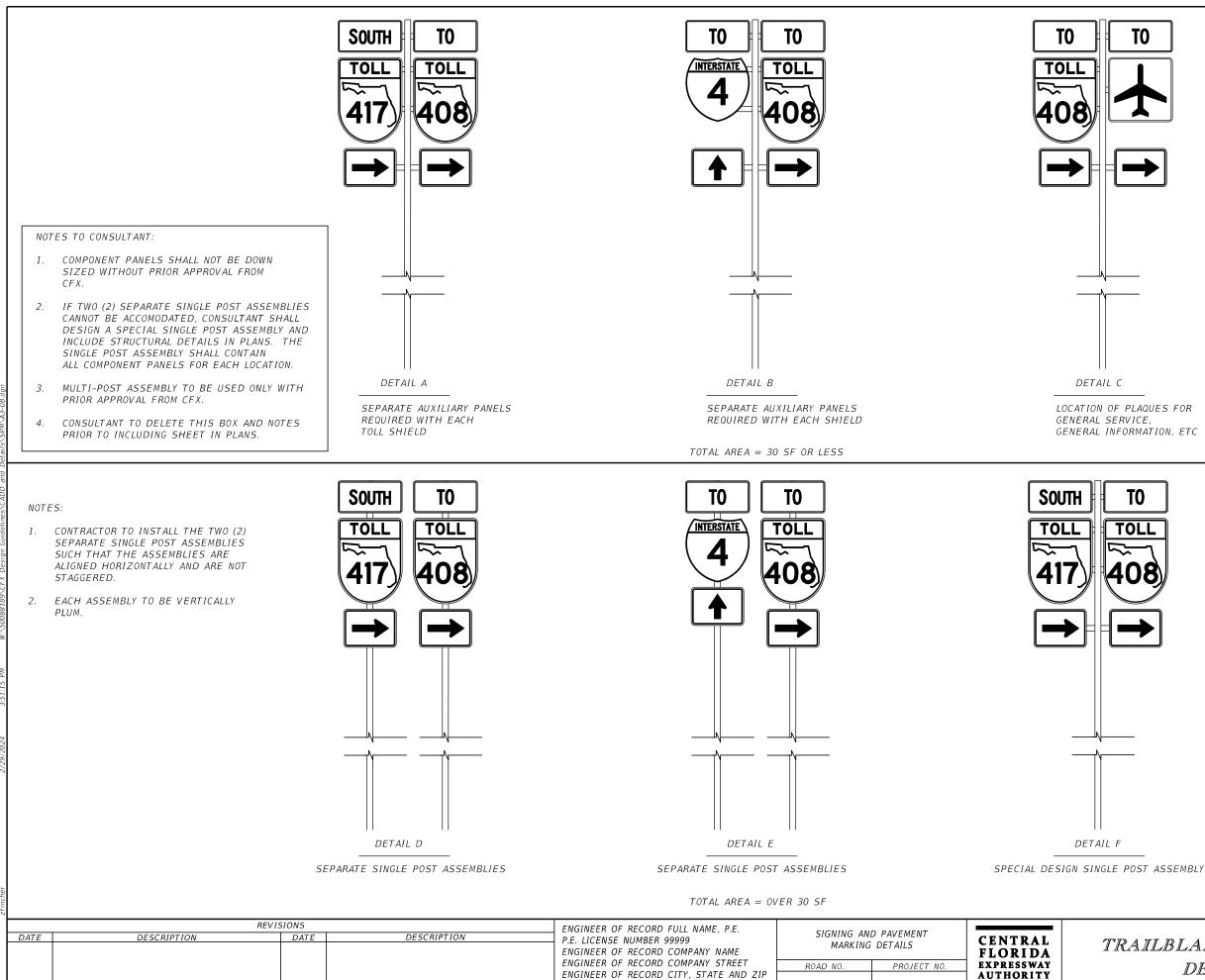
TRAVEL MUST BE ADJUSTED FROM THE CALCULATED STATION, THE SAME MILEPOST IN THE OPPOSITE

DELETE THIS BOX AND NOTES PRIOR TO INCLUDING

DIRECTION SHALL BE ADJUSTED TO MATCH.



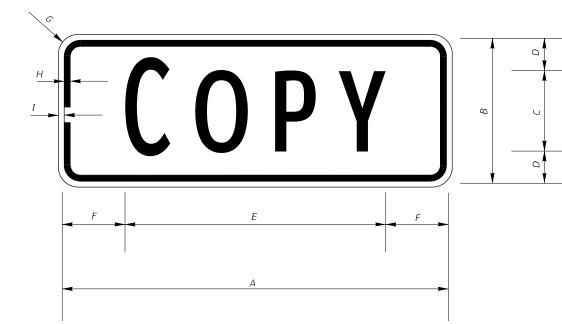




CERTIFICATE OF AUTHORIZATION 00009999

TRAILBLAZER MOUNTING DETAILS

SHEET NO.



NOTES TO CONSULTANT:

- 1. THIS DETAIL IS NOT INCLUSIVE OF ALL POSSIBLE SPECIAL DESIGN AUXILIARY PANELS.
- 2. ONLY INCLUDE PANELS SPECIFIC TO PROJECT.
- 3. THE AUTHORITY PREFERS TO USE ITS OWN DESIGN FOR AUXILIARY PANELS POSITIONED ABOVE A 36" x 46" ROUTE SHIELD. THE 36" x 18" STANDARD DESIGNS AS SHOWN IN THE 2012 SUPPLEMENT TO THE SHSM MAY ONLY BE USED OVER U.S., STATE OR COUNTY ROUTE SHIELDS WHEN THE ASSEMBLY IS BEYOND THE AUTHORITY'S LA ROW LIMITS. IN CASES WHERE AN AUTHORITY TOLL SHIELD IS TO BE INSTALLED ADJACENT TO A U.S., STATE OR COUNTY SHIELD. ALL TOP MOUNTED AUXILIARY PANELS SHALL MATCH THE AUTHORITY'S PREFERRED DESIGN.
- 4. DELETE BOX WITH NOTES PRIOR TO INCLUDING SHEET IN PLANS.

NOTES:

- 1. ALL DIMENSIONS ARE IN INCHES.
- 2. AUXILIARY PANELS WITH TOLL SHIELDS: BACKGROUND: DG3 WHITE LEGEND & BORDER: BLACK.
- 3. BACKGROUND, LEGEND AND BORDER COLORS SHALL MATCH ASSOCIATED INTERSTATE, STATE OR COUNTY ROUTE SHIELDS.
- 4. * REDUCE COPY SPACING TO SPECIFIED OVERALL LENGTH.
- 5. MAKE FIRST LETTER OF CARDINAL DIRECTION (M3-X, M3-XX) 10% LARGER. ALL LETTERS ARE BOTTOM JUSTIFIED.
- 6. SHOP DRAWINGS ARE REQUIRED.

AUXILIARY PANELS:

- MATCH THE WIDTH OF THE ROUTE SHIELD.
- MATCH STANDARDS AS SHOWN IN THE SHSM.
- END (I.E., M2-1X, M2-1XX, ETC.).
- SHIELD.

				_								
	CODE	СОРҮ	A	В	С	D	Ε	F	G	н	I	QTY. REQ'D
	M2-1X	JCT	24	15	9C	3	17.2	3.4	1.5	.625	.375	
	M2-1XX	JCT	36	18	10D	4	23.0	6.5	1.5	.75	.25	
*	M3-1X	NORTH	36	18	9C	4.5	30.0	3.0	1.5	.625	.375	
	M3-1XX	NORTH	48	18	10C	4	34.8	6.6	1.5	.75	.25	
	M3-2X	EAST	36	18	10C	4	25.6	5.2	1.5	.625	.375	
	M3-2XX	EAST	48	18	10D	4	30.8	8.6	1.5	.75	.25	
*	M3-3X	SOUTH	36	18	9C	4.5	30.0	3.0	1.5	.625	.375	
	M3-3XX	SOUTH	48	18	10C	4	34.8	6.6	1.5	.75	.25	
	M3-4X	WEST	36	18	10C	4	27.8	4.1	1.5	.625	.375	
	M3-4XX	WEST	48	18	10D	4	32.4	7.8	1.5	.75	.25	
	M4-5X	то	36	18	10D	4	14.6	10.7	1.5	.625	.375	
	M4-5XX	ТО	48	18	10D	4	14.6	16.7	1.5	.75	.25	

		ENGINEER OF RECORD FULL NAME, P.E.		D. D.W.CMENT					
	DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999		D PAVEMENT DETAILS	CENTRAL	SPECIA
					ENGINEER OF RECORD COMPANY NAME	MARKING	DETAILS	FLORIDA	BPLCIA
					ENGINEER OF RECORD COMPANY STREET	ROAD NO.	PROJECT NO.	EXPRESSWAY	PANELS
					ENGINEER OF RECORD CITY, STATE AND ZIP			AUTHORITY	
					CERTIFICATE OF AUTHORIZATION 00009999				

AUXILIARY PANELS POSITIONED ABOVE THE ROUTE SHIELD (TOLL OR OTHERWISE) SHALL:

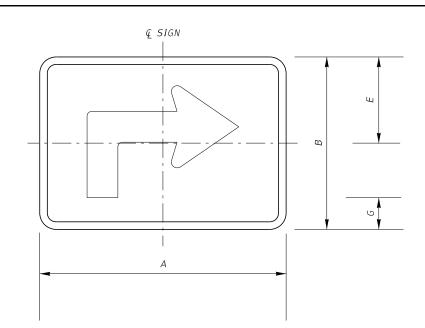
- REQUIRE SPECIAL DETAIL(S) IN THE WORKSHEETS IF REQUIRED SIZE DOES NOT

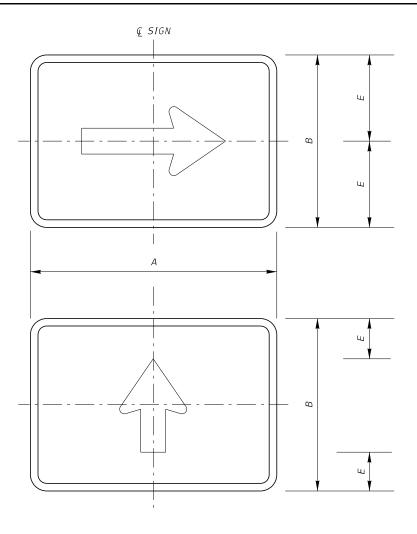
- BE DESIGNATED USING THE NATIONAL CODE WITH AN "X" OR AN "XX" ADDED TO THE

TOP AND BOTTOM AUXILIARY PANEL COLORS SHALL MATCH THE ASSOCIATED ROUTE

AL DESIGN AUXILIARY	NO.
S FOR ROUTE MARKERS	27

SHEET





/		
	•	
		(

CODE	СОРҮ	A	В	Е	G	QTY. REQ'D
M5-1X	Advance Turn (90°)	36	24	11.688	4.875	
M5-2X	Advance Turn (45°)	36	24	5.125	4.5	
M6-1X	Directional Arrow	36	24	12		
M6-2X	Directional Arrow (45° Up)	36	24		7.554	
M6-2AX	Directional Arrow (45° Down)	36	24		7.554	
M6-3X	Straight Arrow	36	24	5		
M6-4X	Dual Directional Arrow	36	24	12		
M6-5X	Dual Directional Arrow (45°/135°)	36	24			
M6-6X	Dual Directional Arrow (Straight/Turn)	36	24	3.875		
M6-7X	Dual Directional Arrow (Straight/45°)	36	24	3.875		

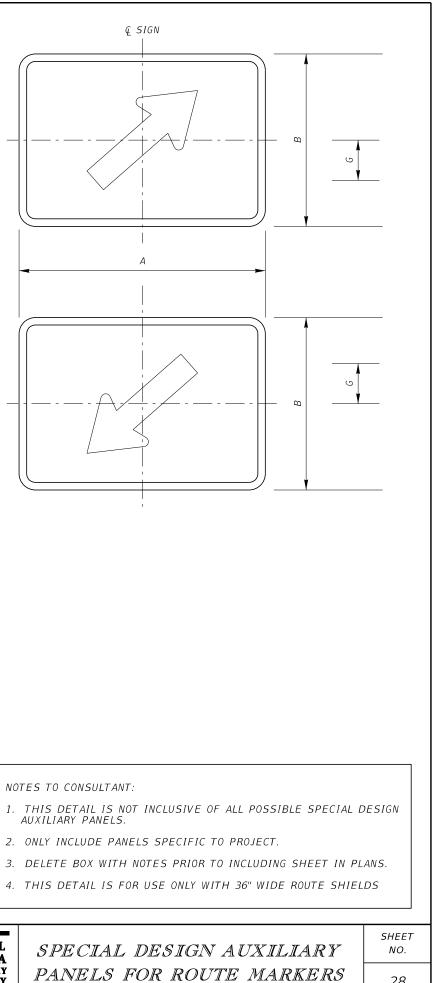
NOTES:

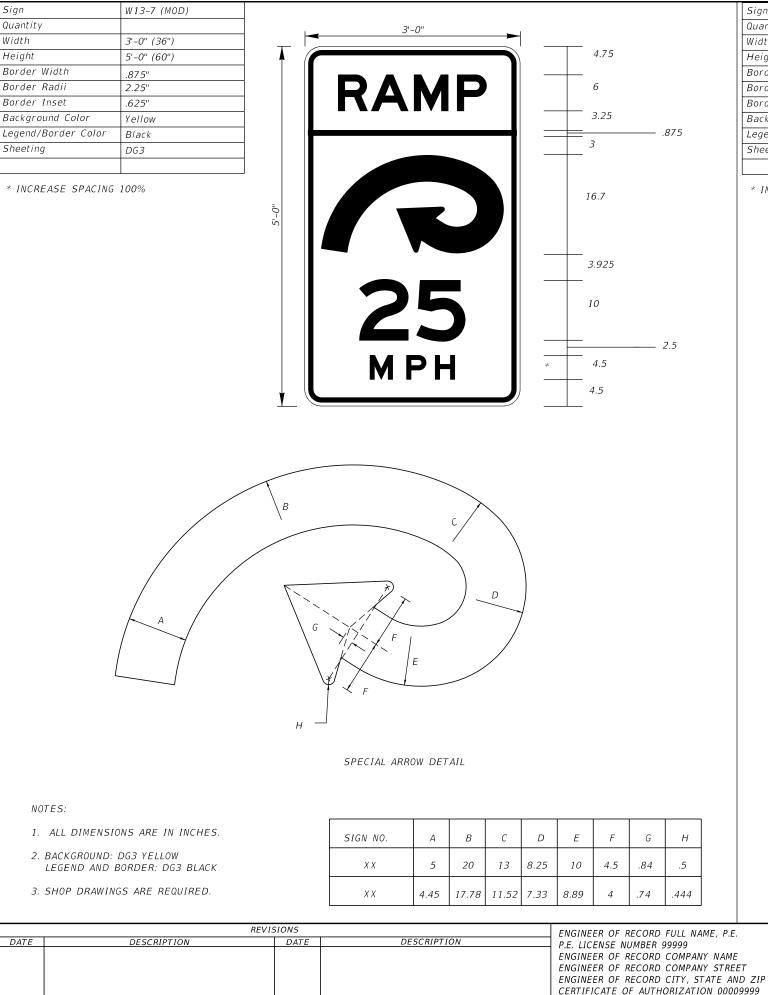
- 1. ALL DIMENSIONS ARE IN INCHES.
- 2. AUXILIARY PANELS WITH TOLL SHIELDS: BACKGROUND: DG3 WHITE LEGEND & BORDER: BLACK.
- 3. BACKGROUND, LEGEND AND BORDER COLORS SHALL MATCH ASSOCIATED INTERSTATE, STATE OR COUNTY ROUTE SHIELDS.
- 4. FABRICATOR SHALL OPTICALLY CENTER (HORIZONTAL AND VERTICAL) THE ARROW WITHIN THE SIGN PANEL
- 5. ALL DIMENSIONS ARE TO MATCH THE DETAILS SHOWN IN THE STANDARD HIGHWAY SIGNS MANUAL UNLESS OTHERWISE SHOWN ON THIS SHEET
- 6. SHOP DRAWINGS ARE REQUIRED.
- 7. ALL AUXILLIARY PANELS SHALL BE 3M COMPANY DIAMOND GRADE CUBED (DG3) REFLECTIVE SHEETING OR CFX APPROVED EQUAL. SEE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.

NOTES TO CONSULTANT:

- AUXILIARY PANELS.

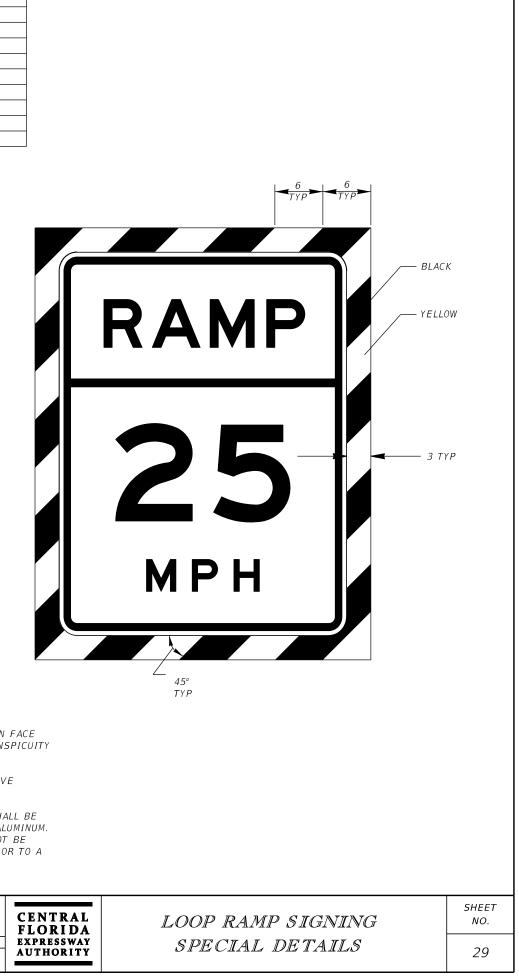
			ENGINEER OF RECORD FULL NAME, P.E.	SIGNING AND PAVEMENT				
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999		G DETAILS PROJECT NO.	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	SPECIA PANELS





n	W13-3
antity	
dth	3'-6" (42")
ight	4'-6" (54")
rder Width	N/A
rder Radii	N/A
rder Inset	N/A
ckground Color	Yellow
gend/Border Color	Black
eeting	DG3

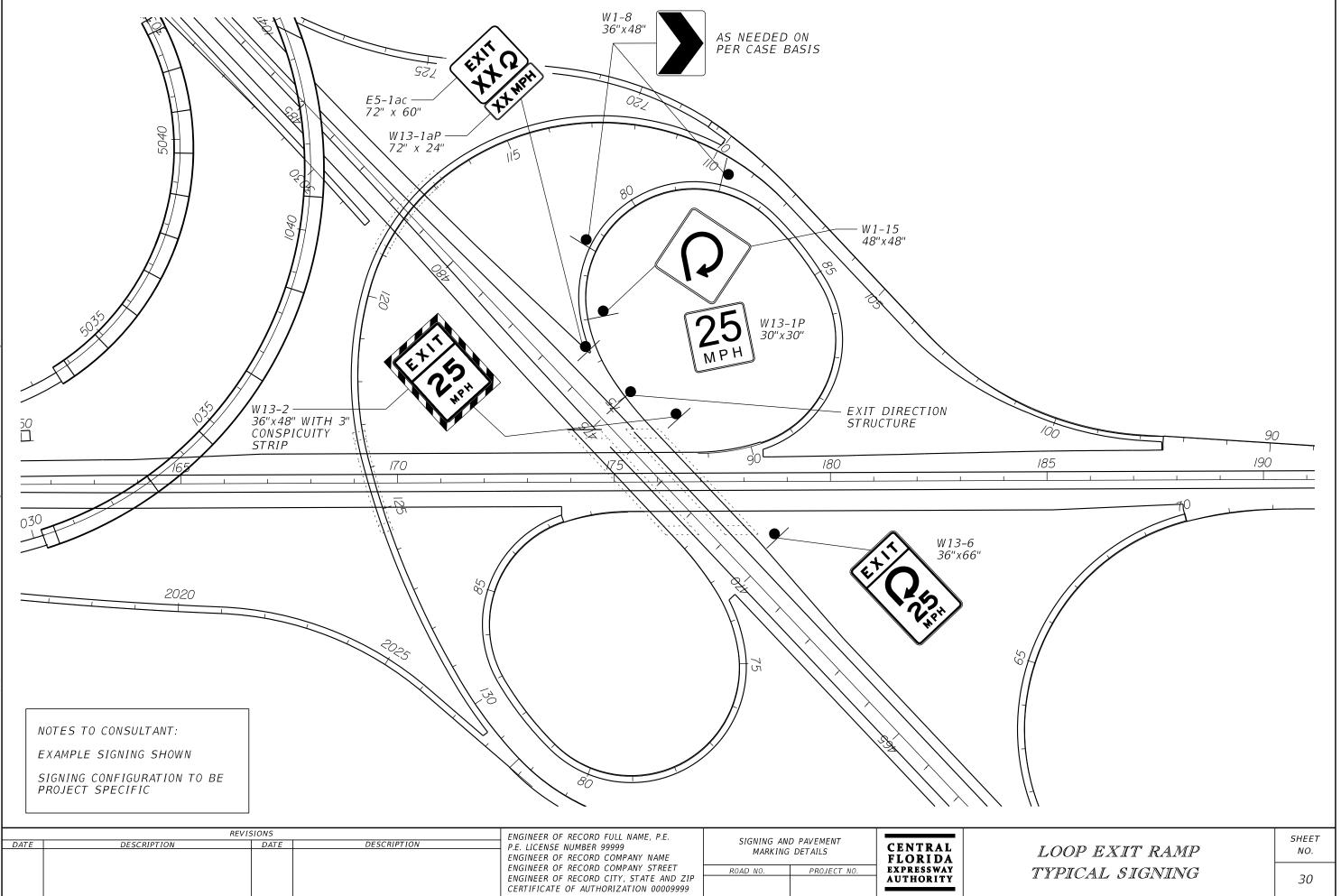
* INCREASE SPACING 100%



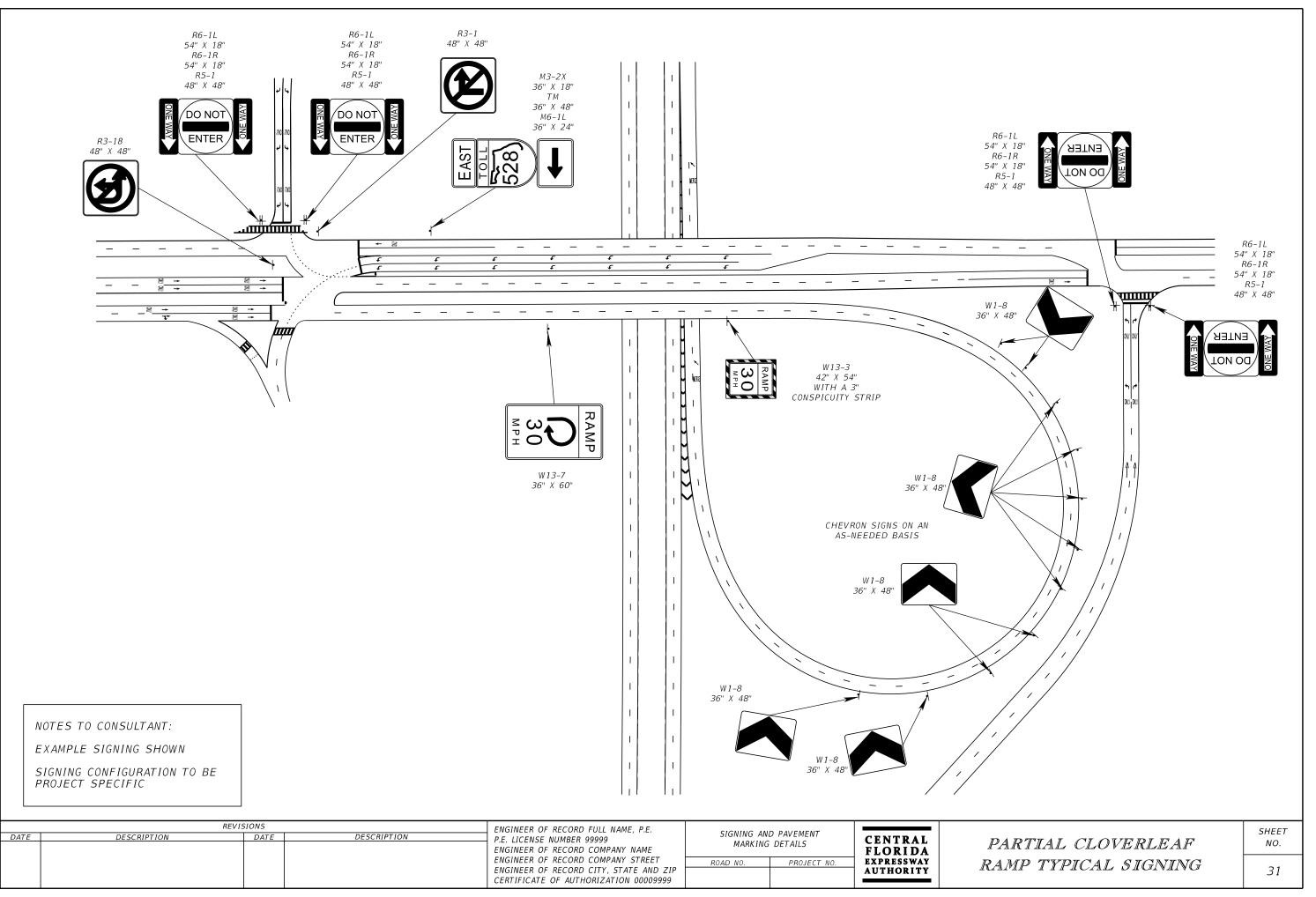
1. ALL DIMENSIONS ARE IN INCHES.

- 2. USE STANDARD 36"x48" W13-3 SIGN FACE WITH A 3" WIDE FLUORESCENT CONSPICUITY STRIP ON EACH SIDE.
- 3. CONSPICUITY STRIP SHALL NOT HAVE A BORDER OR CORNER RADII.
- 4. W13-3 AND CONSPICUITY STRIP SHALL BE APPLIED TO A SINGLE SHEET OF ALUMINUM. THE CONSPICUITY STRIP SHALL NOT BE ATTACHED TO A STANDARD W13-3 OR TO A PRE-CUT 36x48" SIGN BLANK.

SIGNING ANI MARKING	D PAVEMENT DETAILS	CENTRAL FLORIDA	LOC		
ROAD NO.	PROJECT NO.	EXPRESSWAY	SP.		
		AUTHORITY			



2/29/2024 3:51:18 PM W:\50088189\CFX Design Guidelines\CADD and Detail:



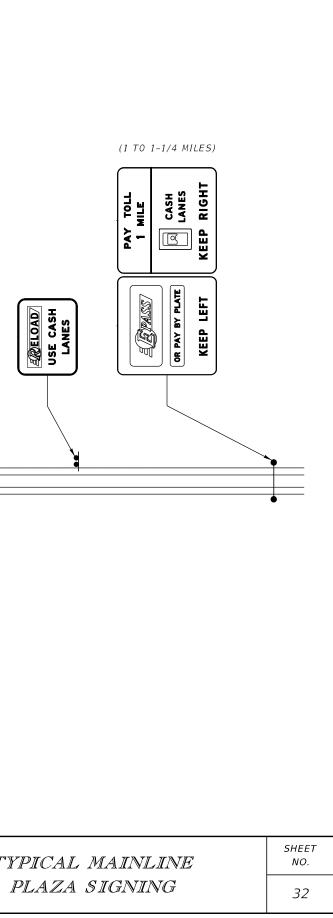
fincher.

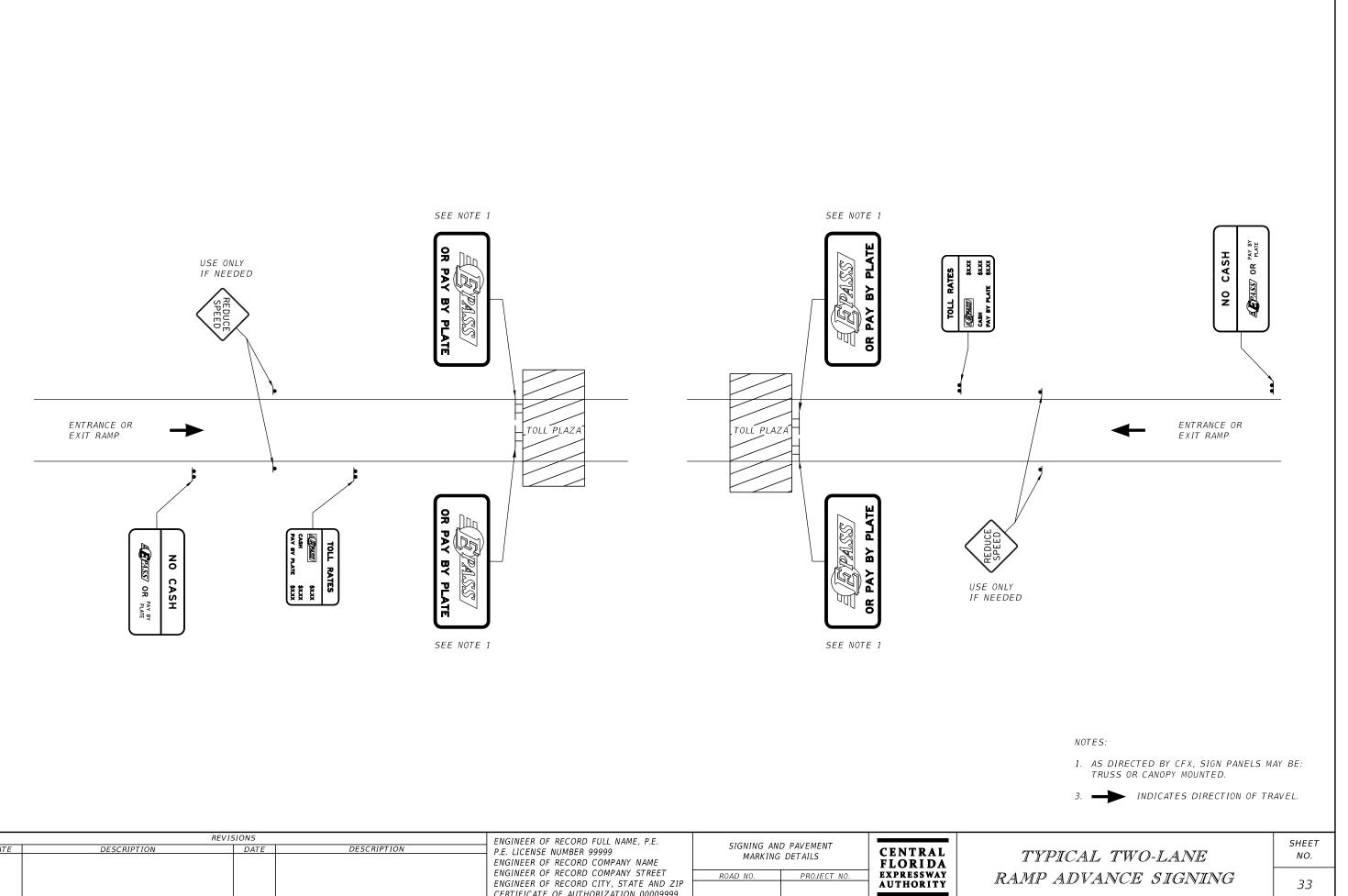
(150' - 300') (500' - 700') XXX\$ XXX\$ (1/2 MILE) AHEAD TOLL (THEO. GORE) CASH TOLL ARELOAD MORE (CELOAD) K PAY TOLL CARS - 2 AXLE 3 AXLE 4 AXLE 5 AXLE OR MOF PAY Toll CASH LANES STOP PAY CASH 150' - 200' FROM _____ + ĸ CANITLEVER PLATE WIDE LOAD KEEP RIGHT <u>EFPASS</u> OR PAY BY PLATE <u>Epress</u> ┢ OR PAY RIGHT 9 DO NOT STOP C/L TOLL PLAZA

NOTES:

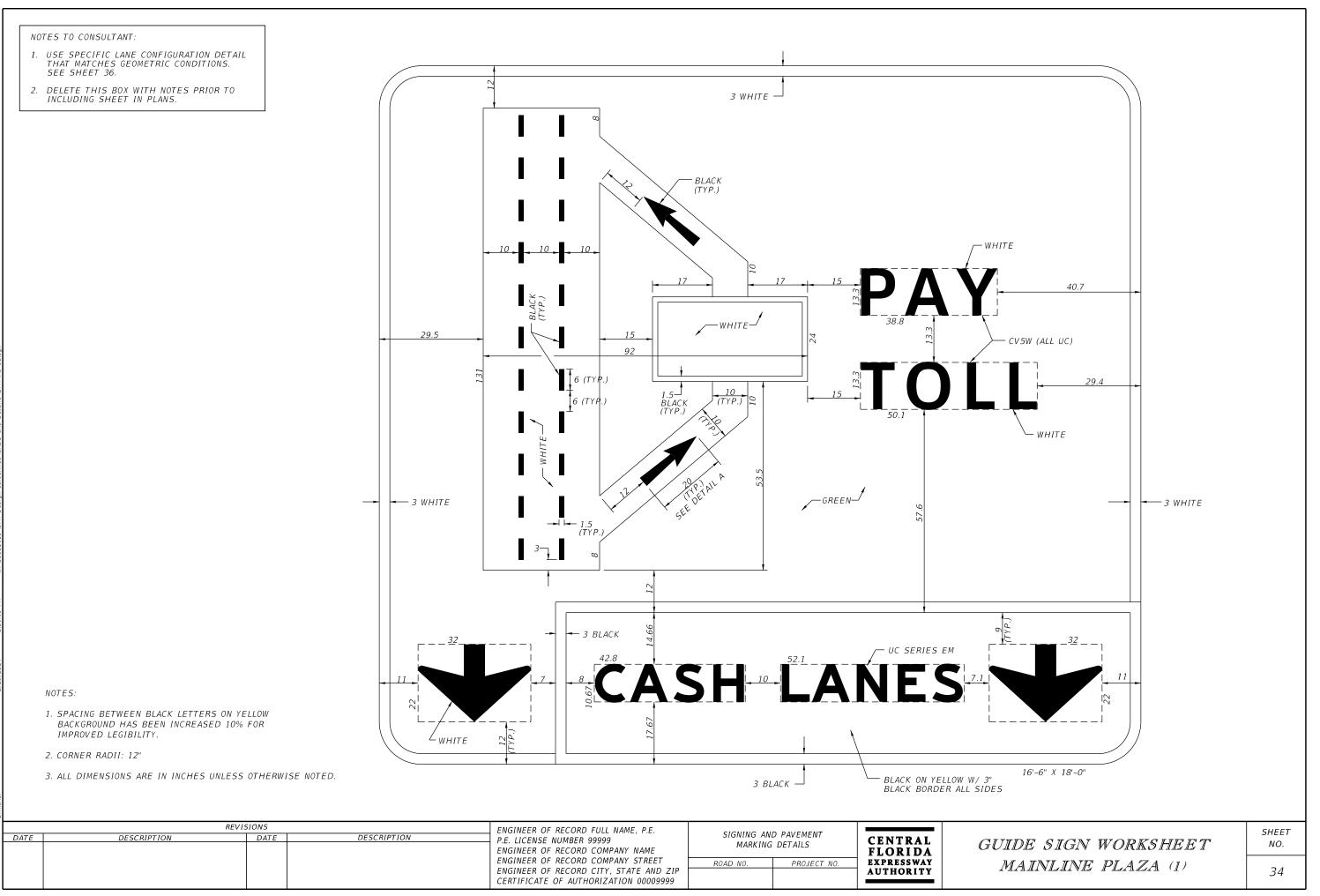
- LOCATION OF ADVANCED SIGNS ON MAINLINE MEASURED FROM THE CENTERLINE OF THE TOLL PLAZA.
- 2. * PANELS ARE IN TWO PIECES: ONE STATIC PANEL ONE SINGLE LINE DMS BOX
- 3. THE GORE STRUCTURE LOCATION WILL BE FIXED BY THE THEORETICAL GORE. ALL OTHER SIGN ASSEMBLY LOCATIONS ARE APPROXIMATE AND DEPENDENT ON ACTUAL GEOMETRY.

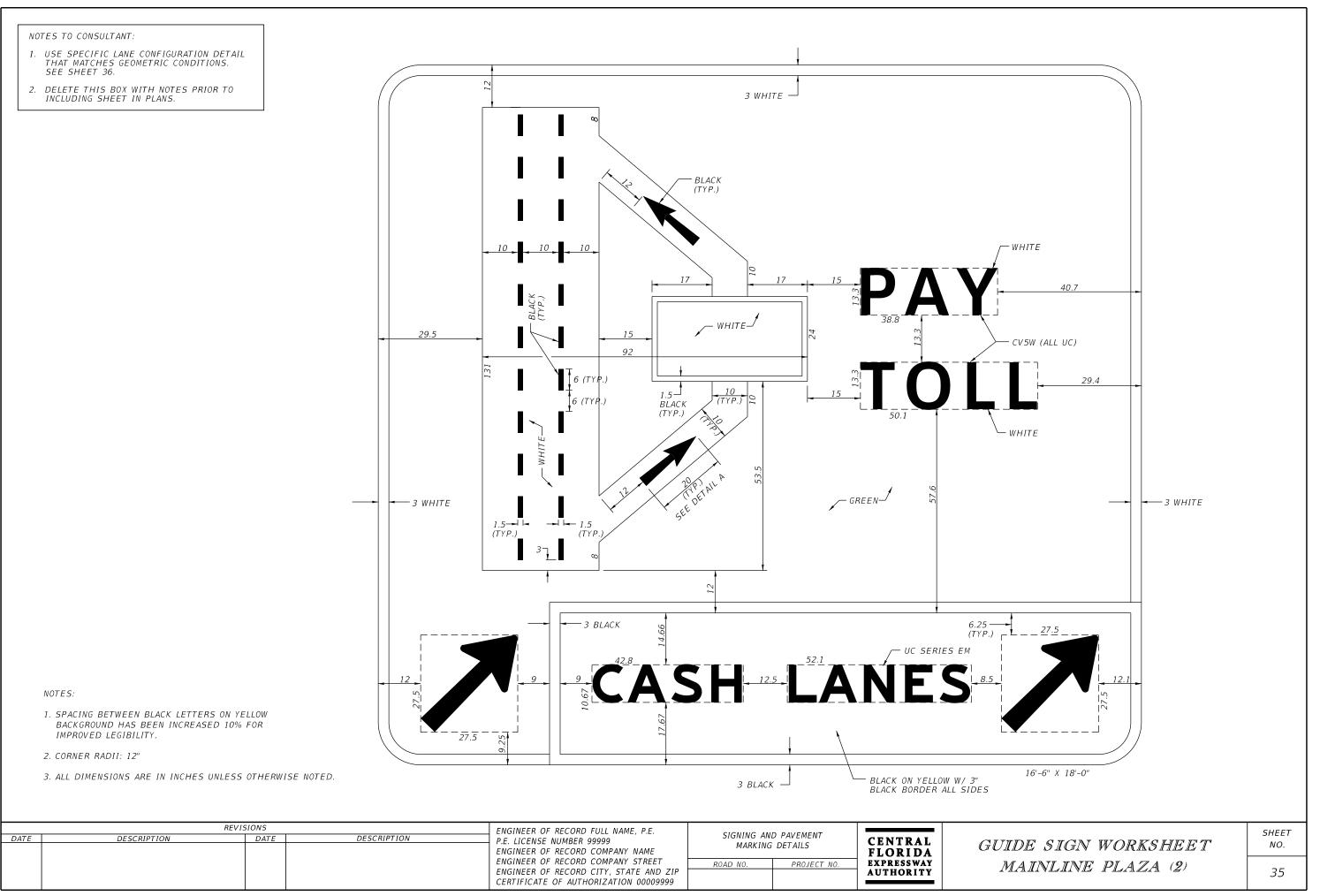
REVISIONS		ENGINEER OF RECORD FULL NAME, P.E.						
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999		ID PAVEMENT G DETAILS PROJECT NO.	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	

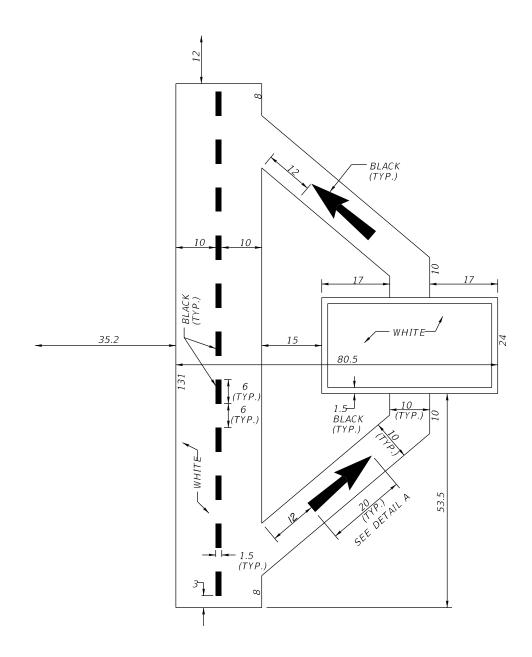


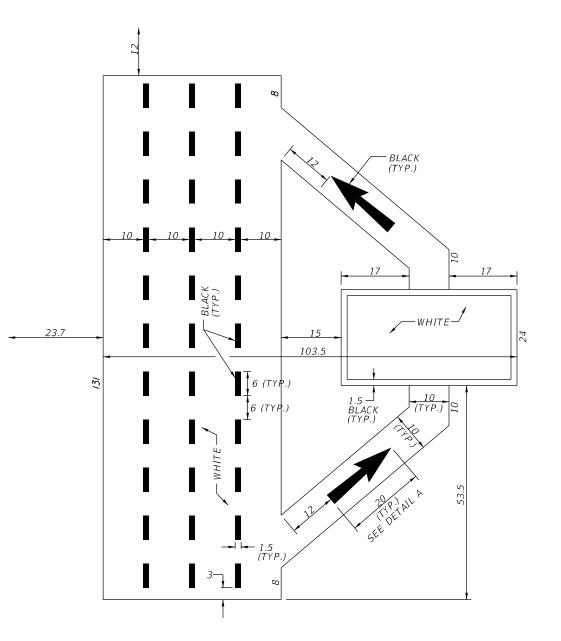


REVISIONS		ENGINEER OF RECORD FULL NAME, P.E.	SIGNING AND PAVEMENT				
DATE	DESCRIPTION DATE DESCRIPTION P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY NAME		DETAILS	CENTRAL FLORIDA	T Y		
			ENGINEER OF RECORD COMPANY STREET	ROAD NO.	PROJECT NO.	EXPRESSWAY	RAMI
			ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999			AUTHORITY	





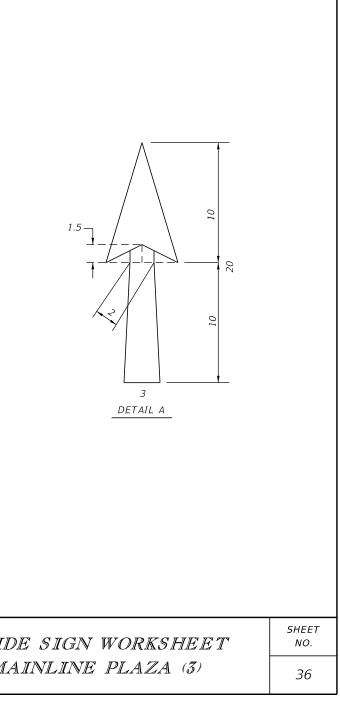


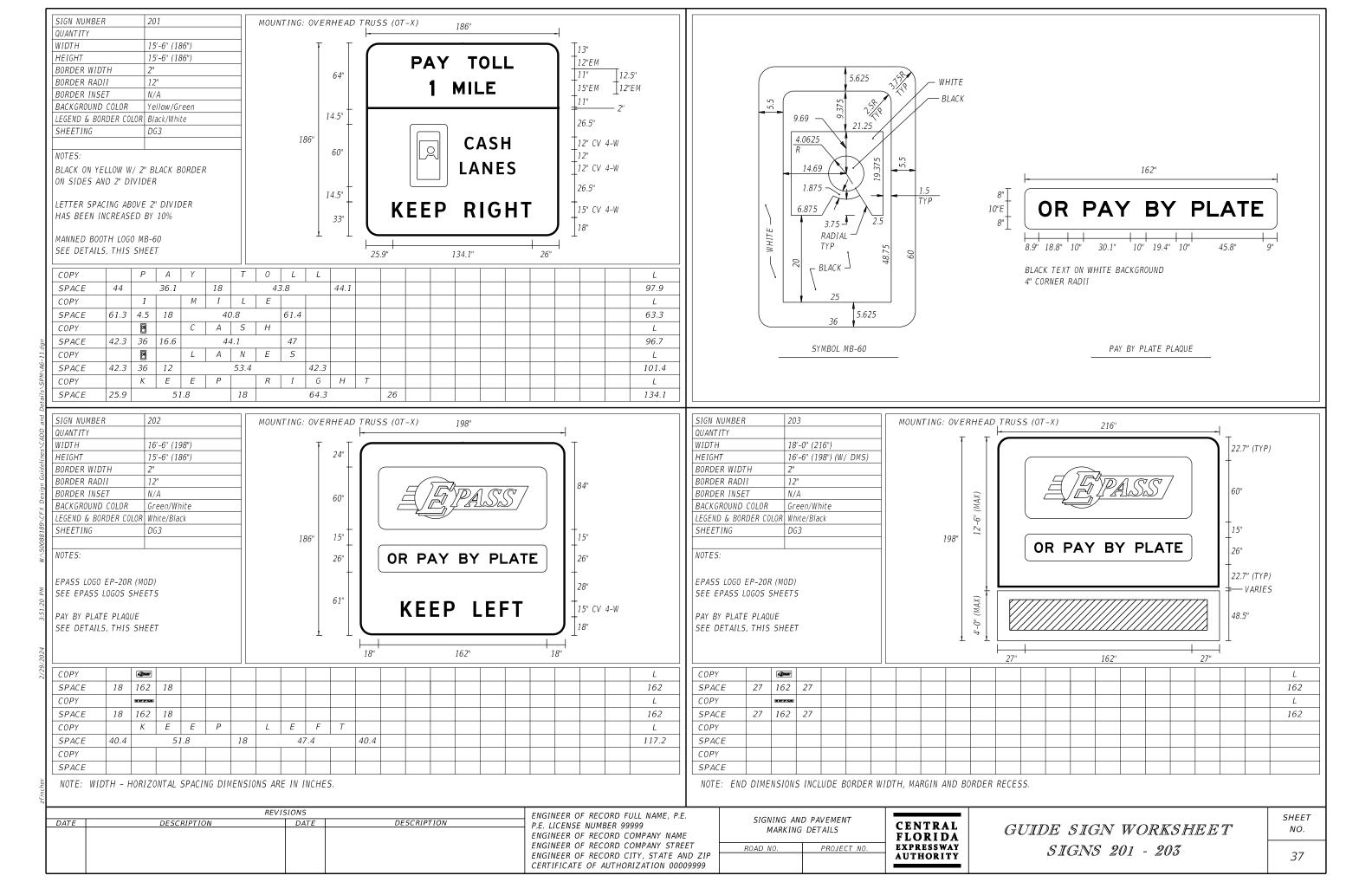


NOTES:

1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

	REV	'ISIONS		ENGINEER OF RECORD FULL NAME, P.E.				
DATE	DESCRIPTION	DESCRIPTION DATE DESCRIPTION P.E. LICENSE		P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME	SIGNING AND PAVEMENT MARKING DETAILS		CENTRAL Florida	GUID
				ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	ROAD NO.	PROJECT NO.	EXPRESSWAY AUTHORITY	MA





SIGN NUMBER 204	MOUNTING: OVERHEAD CANTILEVER (OC-X)		USE: TOLL PLAZA APPROACH SIGNING		
QUANTITY 16, 0% (100%)	-		EXAMPLES:		
WIDTH 16'-0" (192") HEIGHT 6'-6" (78")	-		STOP AHEAD PAY TOLL - CANTILEVER	SIGN	
BORDER WIDTH 2"			REDUCE SPEED - SINGLE POST SIGN		
BORDER RADII 10"					
BORDER INSET N/A					
BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black		18"			
SHEETING DG3		15" EM			
	/8"	12"			
NOTES:		15" EM 18"			
LETTER SPACING HAS BEEN INCREASED	34.8" 122.4" 34.8"				
BY 10%.					
COPY S T O P					
	22.5 78.1 17.3	157.3			
OFACE DOT 4 SOL 2 COPY P A Y 2	T 0 L L				
SPACE 34.8 45.1 22.5	54.8 34.8	122.4			
SPACE					
СОРҮ					
SPACE					
СОРҮ					
SPACE					
SIGN NUMBER 205 QUANTITY	MOUNTING: GROUND MOUNT (GM-X)		IGN NUMBER UANTITY	-	
WIDTH 4'-0" (48")	-		IDTH	-	
HEIGHT 4'-0" (48")			EIGHT		
BORDER WIDTH 1.25"		BO	ORDER WIDTH		
BORDER RADII 3"			ORDER RADII		
BORDER INSET 0.75"			ORDER INSET	_	
BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black			ACKGROUND COLOR EGEND & BORDER COLOR	-	
SHEETING DG3		01	HEETING	-	Г
		<u> </u>		-	
NOTES:		8"N0	OTES:	-	L
LETTER SPACING HAS BEEN INCREASED					
BY 10%.					
	15.8" 15.7"				
COPY R E D U C			COPY	<u> </u>	
SPACE 39.7			SPACE		
COPY S P E E D			COPY		
SPACE 31.5		31.5 5	SPACE		
СОРҮ			COPY		
SPACE		S	SPACE		
СОРҮ		C	COPY		
SPACE		S	SPACE		
NOTE: WIDTH - HORIZONTAL SPACING DIME	INSIONS ARE IN INCHES.	Λ	NOTE: END DIMENSIONS INCLUDE BORDER W	NIDTH, MARGIN AND BOF	RDER RECESS.
		GINEER OF RECORD FULL NAME, P.E.	SIGNING AND PAVEMENT		
DATE DESCRIPTION		LICENSE NUMBER 99999	MARKING DETAILS	CENTRAL	GUI
		GINEER OF RECORD COMPANY NAME GINEER OF RECORD COMPANY STREET			
	ENC	GINEER OF RECORD CITY, STATE AND Z		EXPRESSWAY AUTHORITY	
	CEF	RTIFICATE OF AUTHORIZATION 00009999	9		

INTENTIONALLY LEFT BLANK

!L	DE .	SIC	\mathbb{R}^{N}	WC	RK	SH	EE	${\mathcal T}$	SHEET NO.
	SI	IGN	VS 2	204,	20	95			38

SIGN NUMBER206QUANTITY12'-0" (144")WIDTH12'-0" (90")BORDER WIDTH2"BORDER RADII11"BORDER INSETN/ABACKGROUND COLORWhiteLEGEND & BORDER COLORBlackSHEETINGDG3NOTES:NOTES:NUMERAL SPACING TO BE ADJUSTEDSUCH THAT PERIODS AND COLUMNSOF NUMERALS LINE UP VERTICALLY	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	** NUMERAL SPACING TO BE ADJUSTED SUCH THAT PERIODS AND COLUMNS OF NUMERALS LINE UP VERTICALLY
COPY C A R S SPACE 10 23.4 COPY 3 A X SPACE 10 4.1 8 21.8 COPY 4 A X SPACE 10 4.8 8 21.8 COPY 5 A X SPACE 10 4.8 8 21.8 COPY 5 A X SPACE 10 4.8 8 21.8 COPY 5 X X X SPACE 10 4 8 21.8 COPY \$ X X X	L E \$ X . X X . L ** 10 . . . L E O R M O R E . . .	\$X.XX \$X.XX \$X.XX
SIGN NUMBER 207 QUANTITY QUANTITY WIDTH 14'-6" (174") HEIGHT 13'-6" (162") BORDER WIDTH 1.75" BORDER RADII 12" BORDER INSET 0.25" BACKGROUND COLOR White LEGEND & BORDER COLOR Black SHEETING DG3 NOTES: EPASS LOGO EP-10R SEE EPASS LOGOS SHEETS	$ \begin{array}{c} $	SIGN NUMBER QUANTITY WIDTH HEIGHT BORDER WIDTH BORDER RADII BORDER INSET BACKGROUND COLOR LEGEND & BORDER COLOR SHEETING NOTES:
COPY C A R S SPACE 30.8 39 6 COPY 4 \$ X SPACE 12 63.2 ** 5 COPY C A S H SPACE 12 63.2 ** 5 COPY C A S H SPACE 12 31.2 5 1 COPY P A Y 5 SPACE 12 24.1 8 5	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	COPY I
DATE DESCRIPTION	REVISIONS ENGINEER OF RECORD FULL NAME, DATE DESCRIPTION P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NA ENGINEER OF RECORD COMPANY ST ENGINEER OF RECORD COMPANY ST ENGINEER OF RECORD CITY, STATE CERTIFICATE OF AUTHORIZATION 0 CERTIFICATE OF AUTHORIZATION 0	ME CENTRAL GUIDE SIGN WORKSHEET NO. AND ZIP ROAD NO. PROJECT NO. EXPRESSWAY SIGNS 206, 207 39

SIGN NUMBER 208	MOUNTING: GROUND MOUNT (GM-X)		USE: TOLL PLAZA	APPROACH SINGLE	POST SIGNING		
QUANTITY			EVANDUES				
WIDTH 3'-0" (36") HEIGHT 4'-0" (48")			EXAMPLES: WIDE LOAD KEEP R	RIGHT SIGN			
BORDER WIDTH 0.75"			DO NOT STOP SIGN:	5			
BORDER RADII 3"	36"		INSTRUCTIONS TO I	DESIGNERS			
BORDER INSET 0.25"				DESIGNERS.			
BACKGROUND COLOR Yellow			DO NOT STOP SIGN				
LEGEND & BORDER COLOR Black	4		48" x 54" WHEN GR 36" x 48" WHEN MO		OP OF A MEDIAN BA	RRIFR WALL	
SHEETING DG3							
NOTES:							
LETTER SPACING HAS BEEN INCREASED							
BY 10%.	-						
	5" 26" 5"						
COPY W I D E		L					
SPACE 7.2 21.5 7.	3	21.5					
COPY L O A D		L					
SPACE 6.4 23.3 6.	3	23.3					
COPY K E E P		L					
SPACE 6.8 22.5 6.		22.5					
COPY R I G H T		L					
SPACE 5 26	5	26					
SPACE							
SIGN NUMBER 209	MOUNTING: GROUND MOUNT (GM-X)		SIGN NUMBER 2	210	MOUNTING' G	ROUND MOUNT	(GM - X)
QUANTITY	Noon ma. Shound Hoom (GH X)		QUANTITY			NOOND NOON	
WIDTH 3'-0" (36")				4'-0" (48")			
HEIGHT 4'-0" (48")				1'-6" (54")			
BORDER WIDTH 0.75" BORDER RADII 4"				["			
BORDER INSET 0.25"	→ 36 ″ →).5"			
BACKGROUND COLOR White	Ţ Ţ 7.5″			Vhite			
LEGEND & BORDER COLOR Black			LEGEND & BORDER COLOR B	Black			
SHEETING DG3	- $ -$		SHEETING D	DG3			54''
	+ 6"						54
NOTES:			NOTES:				
LETTER SPACING HAS BEEN INCREASED	\perp		LETTER SPACING HAS BE	EN INCREACED			
BY 10%.	<u> </u>		BY 10%.	EN INCREASED			
COPY D O		L	COPY D				
SPACE 11.5 13.1 11.4		13.1		15 16.5			+
COPY N O T		L	COPY N				+
SPACE 8.2 19.7 8.1		19.7	SPACE 12.8	22.5 12.7			+ $+$
COPY S T O P CDACE 4.0 20.5 4.1			COPY S				+
SPACE 4.8 26.5 4.		26.5	SPACE 8.9	30.3	8.8		+
COPY SPACE			COPY SPACE				
NOTE: WIDTH - HORIZONTAL SPACING DIMENS	DIUNS AKE IN INCHES.		NOTE: END DIMENSION	NS INCLUDE BORDER	к widih, margin Anl	N ROKDER RECES	55.
			1				
DATE DESCRIPTION		OF RECORD FULL NAME, P.E	SIGNING	AND PAVEMENT	CENTRA	-	**
	T.E. LICENS	E NUMBER 99999 OF RECORD COMPANY NAM	E MARKI	NG DETAILS	CENTRAI FLORIDA	G	UIDE
	ENGINEER	OF RECORD COMPANY STRE	ET ROAD NO.	PROJECT NO.	EXPRESSWA	Y	Š
		OF RECORD CITY, STATE A TE OF AUTHORIZATION 000			AUTHORIT	r ■	٤.
				- i		1	

IDE SIGN WORKSHEET	SHEET NO.
SIGNS 208 - 210	40

L 15 L 22.5 L 30.3

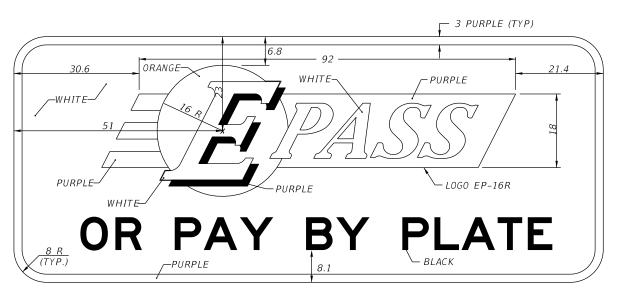
48"

DO NOT STOP

8.9" 30.3" 8.8"

9"

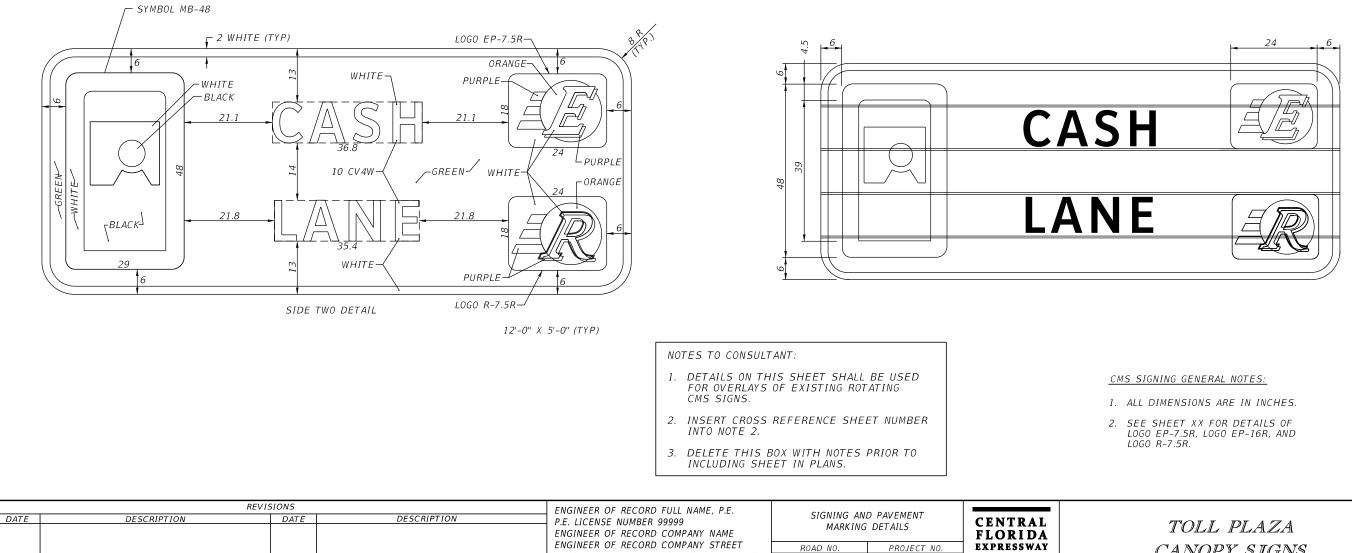
8" EM 8" EM 8" EM 8" EM 9"





AUTHORITY





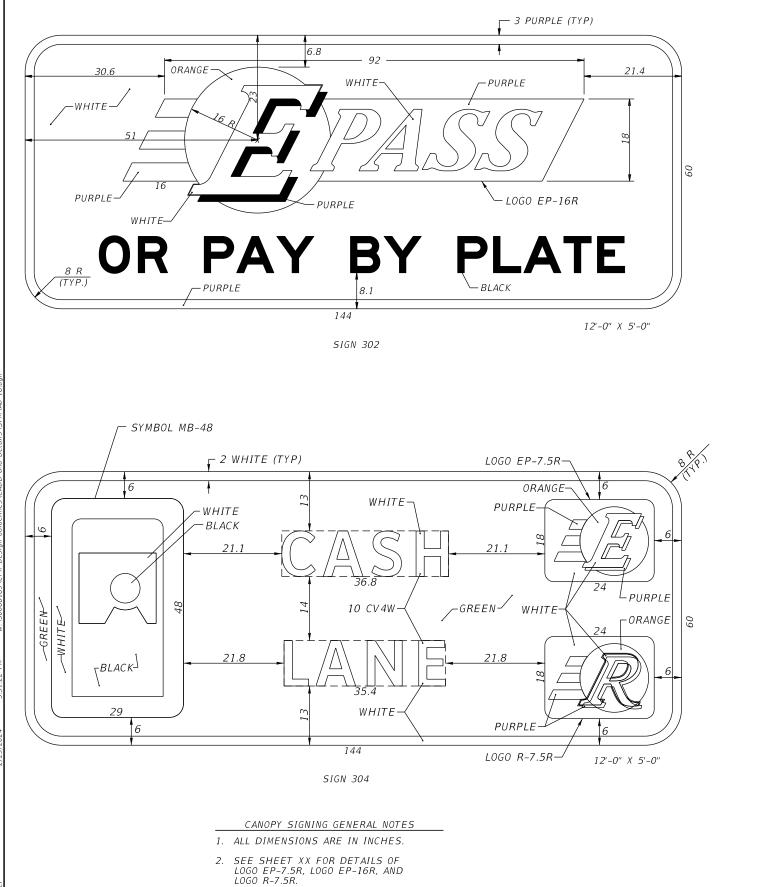
ENGINEER OF RECORD CITY, STATE AND ZIP

CERTIFICATE OF AUTHORIZATION 00009999

SIGN 301 SIDE ONE MESSAGE

SIGN 301 SIDE TWO MESSAGE

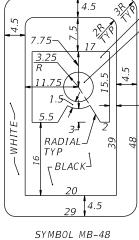
TOLL PLAZA	SHEET NO.
CANOPY SIGNS	41



		REVISIONS		ENGINEER OF RECORD FULL NAME, P.E.	SIGNING AN	D PAVEMENT		
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		DETAILS	CENTRAL FLORIDA	
				ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	ROAD NO.	PROJECT NO.	EXPRESSWAY AUTHORITY	

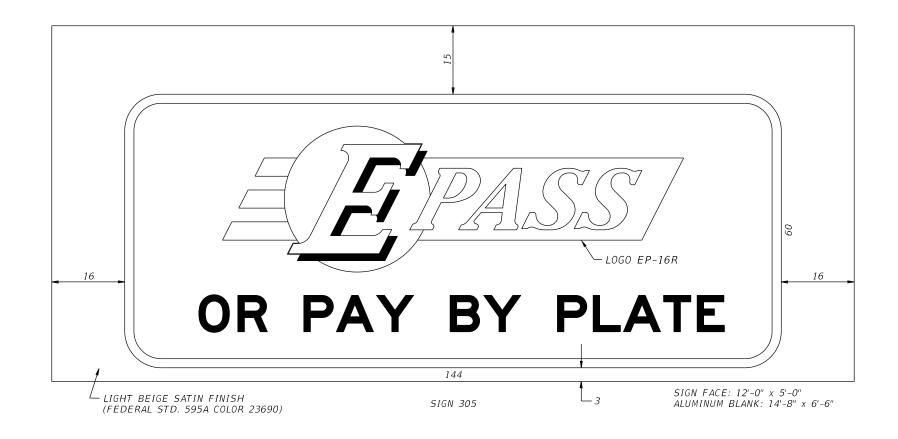
NOTES TO CONSULTANT:

- 1. DETAILS ON THIS SHEET SHALL BE USED FOR TOLL PLAZA STATIC SIGNS.
- 2. INSERT CROSS REFERENCE SHEET NUMBER INTO NOTE 2.
- 3. DELETE THIS BOX WITH NOTES PRIOR TO INCLUDING SHEET IN PLANS.



∕ − WHITE — BLACK

SHEET TOLL PLAZA NO. CANOPY SIGNS 42



GENERAL NOTES

1. ALL DIMENSIONS ARE IN INCHES.

- 2. THE SIGN FACE SHALL BE DIRECTLY APPLIED TO THE ALUMINUM SIGN BLANK.
- 3. ALL SIDES OF THE ALUMINUM SURFACE OUTSIDE THE SIGN FACE AREA SHALL BE PAINTED LIGHT BEIGE SATIN FINISH (FEDERAL STD. 595A COLOR 23690) TO MATCH THE TRUSS OR CANOPY.
- 4. SEE SHEET XX FOR EP-7.5R AND EP-16R DETAILS.

NOTES TO CONSULTANT:

- CMS ARE BEING REPLACED BY A STATIC PANEL.
- HARDWARE MATERIAL REQUIREMENTS.
- 3. INSERT CROSS REFERENCE SHEET NUMBER INTO NOTE 4.

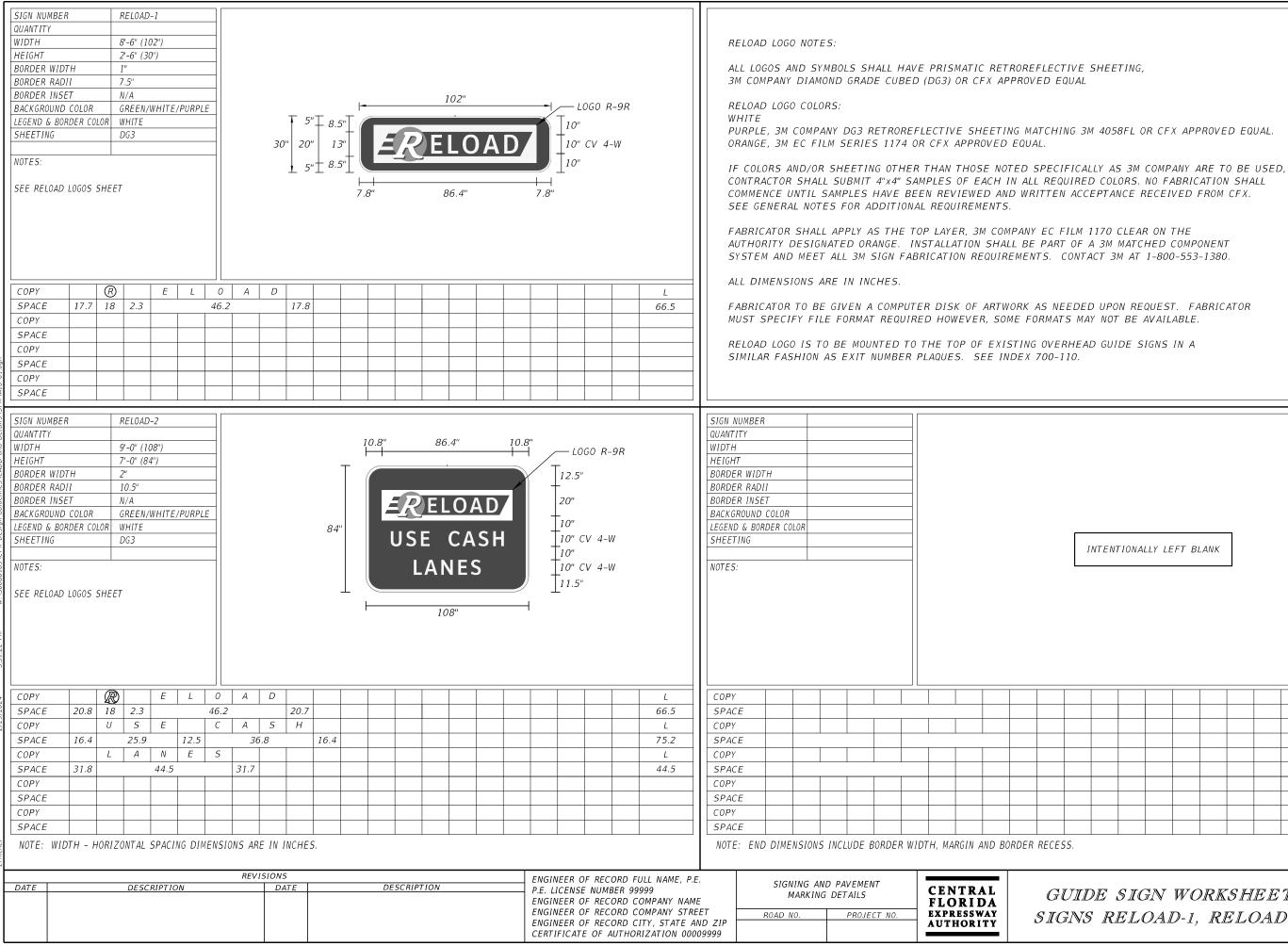
	REVI	SIONS		ENGINEER OF RECORD FULL NAME, P.E.	CLONING AN			
DATE	DESCRIPTION	DATE DESCRIPTION P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		ENGINEER OF RECORD COMPANY NAME	SIGNING AND PAVEMENT MARKING DETAILS FLORIDA			
				ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	ROAD NO.	PROJECT NO.	EXPRESSWAY AUTHORITY	

1. DETAILS ON THIS SHEET SHALL BE USED FOR LOCATIONS WHERE ROTATING

2. PROVIDE SITE-SPECIFIC CANOPY MOUNTING DETAILS. SPECIFY MOUNTING

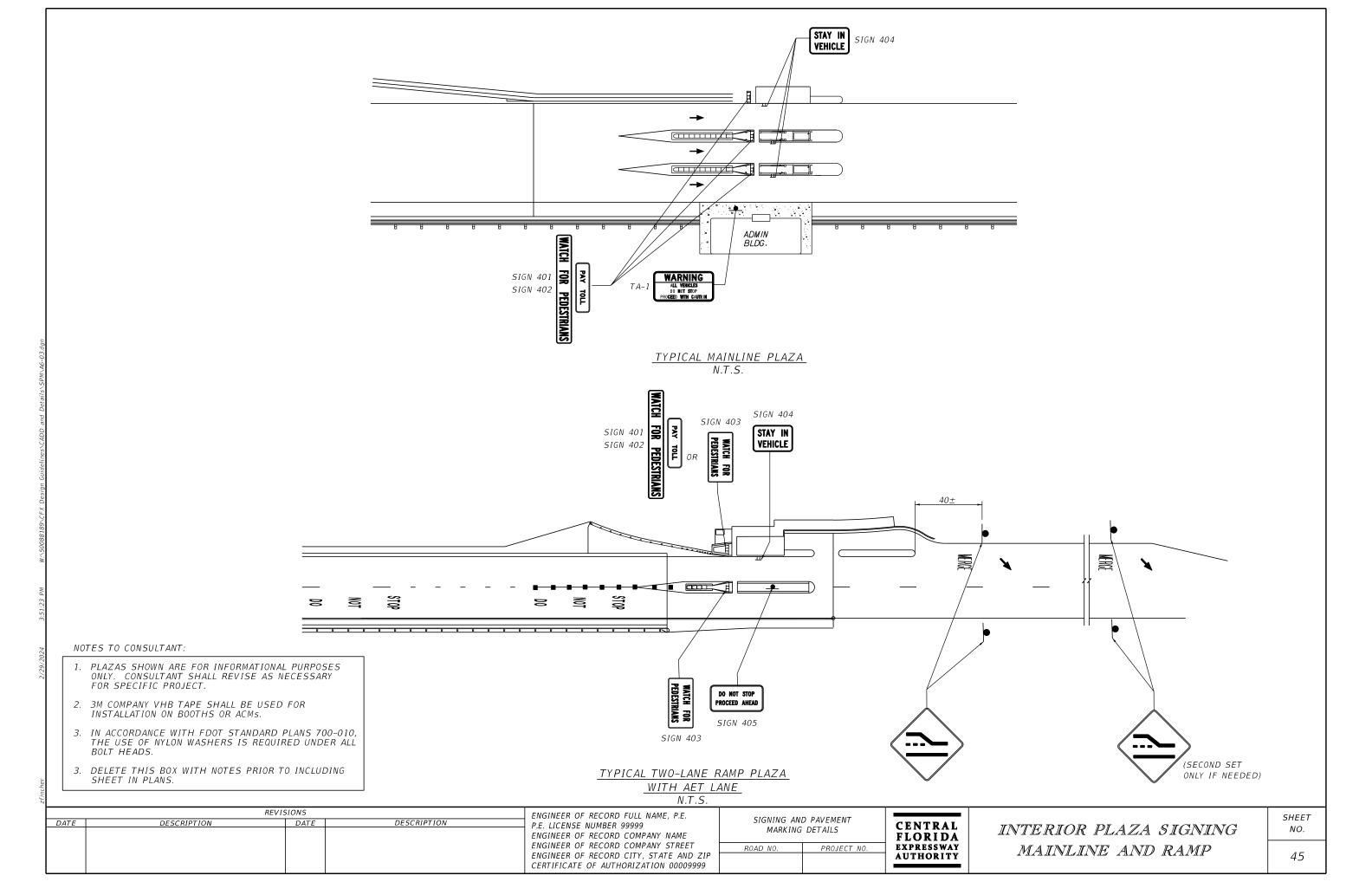
4. DELETE THIS BOX WITH NOTES PRIOR TO INCLUDING SHEET IN PLANS.

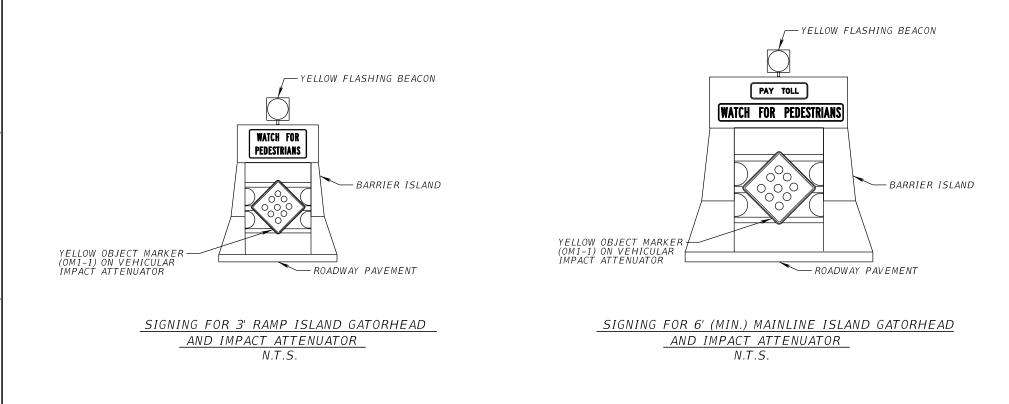
SHEET TOLL PLAZA NO. CANOPY SIGNS 43



INTENTIONALLY LEFT BLANK

de sign worksheet	SHEET NO.
S RELOAD-1, RELOAD-2	44

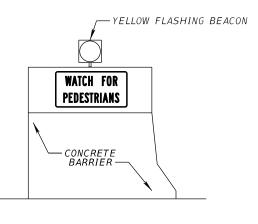




NOTES:

1. IN ACCORDANCE WITH FDOT STANDARD PLANS 700-010, THE USE OF NYLON WASHERS IS REQUIRED UNDER ALL BOLT HEADS.

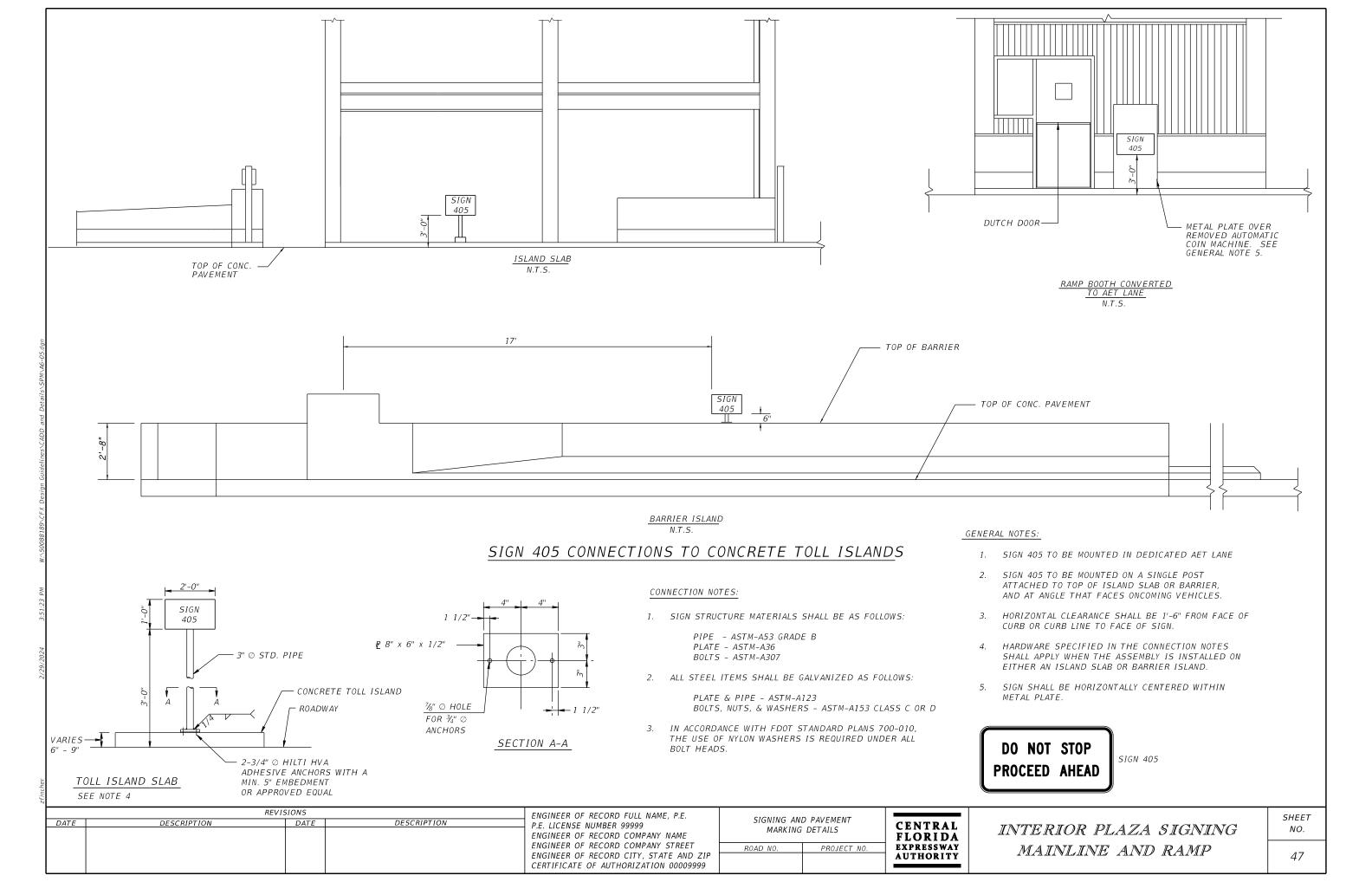
	REV	ISIONS		ENGINEER OF RECORD FULL NAME, P.E.		D. D.A. (EMENT		
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		D PAVEMENT DETAILS	CENTRAL FLORIDA	INTER
				ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	ROAD NO.	PROJECT NO.	AUTHORITY	MAI

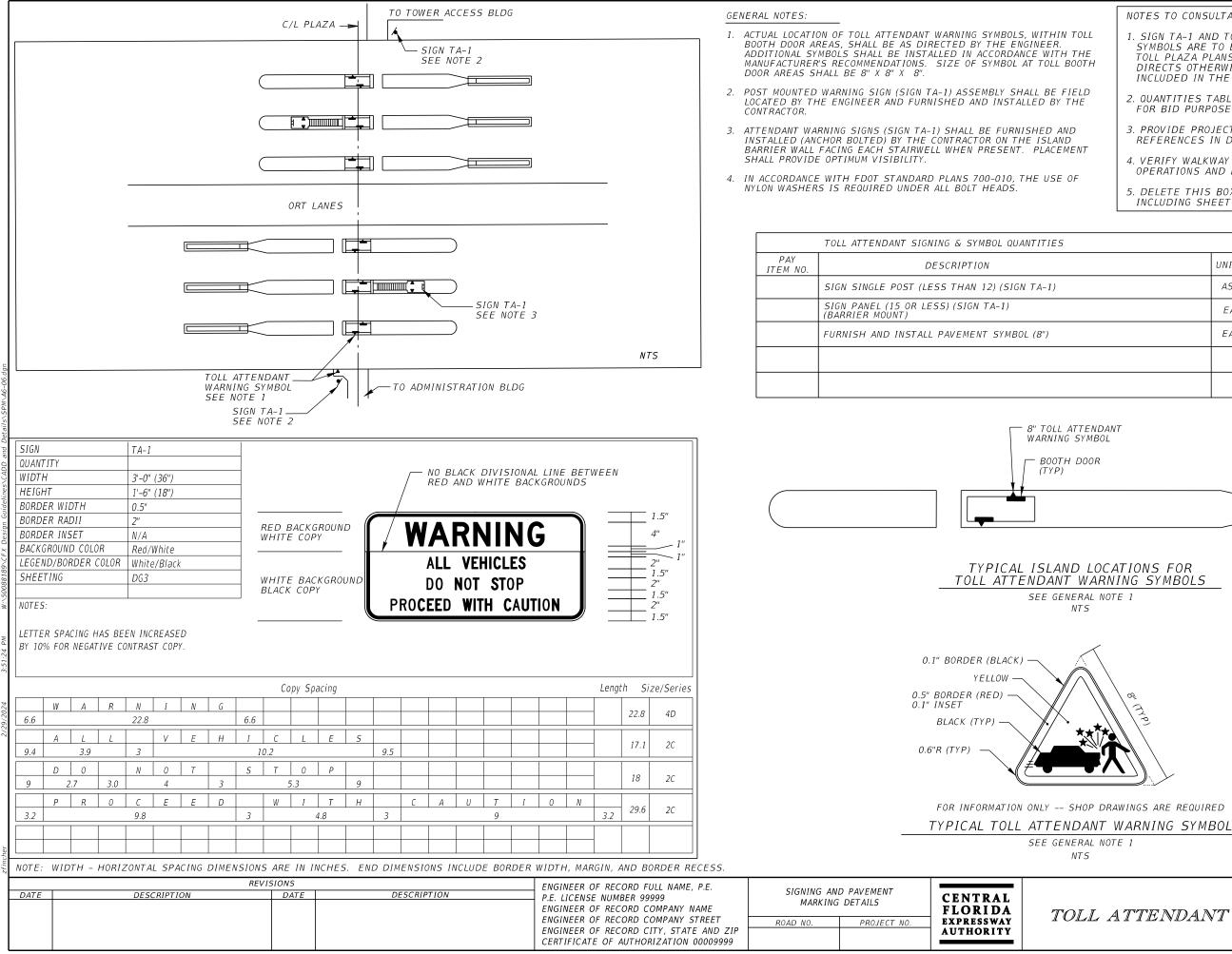


SIGNING FOR 4'-7" (+/-) RAMP ISLAND GATORHEAD N.T.S.

CRIOR PLAZA SIGNING NO. AINLINE AND RAMP 46

SHEET





NOTES TO CONSULTANT:
1. SIGN TA-1 AND TOLL ATTENDANT WARNING SYMBOLS ARE TO BE INCLUDED IN THE TOLL PLAZA PLANS UNLESS CFX DIRECTS OTHERWISE. PAYMENT IS TO BE INCLUDED IN THE LUMP SUM FOR THE TOLL PLAZA.
2. QUANTITIES TABLE MAY BE INCLUDED FOR BID PURPOSES ONLY.
3. PROVIDE PROJECT SPECIFIC CROSS REFERENCES IN DETAILS BELOW.
4. VERIFY WALKWAY PATH WITH CFX OPERATIONS AND REVISE DETAIL ACCORDINGLY.
5. DELETE THIS BOX WITH NOTES PRIOR TO INCLUDING SHEET IN PLANS.

UNIT	PLAZA	PLAZA	TOTAL
AS			
ΕA			
ΕA			

TOLL ATTENDANT SIGNING

SHEET NO.

48

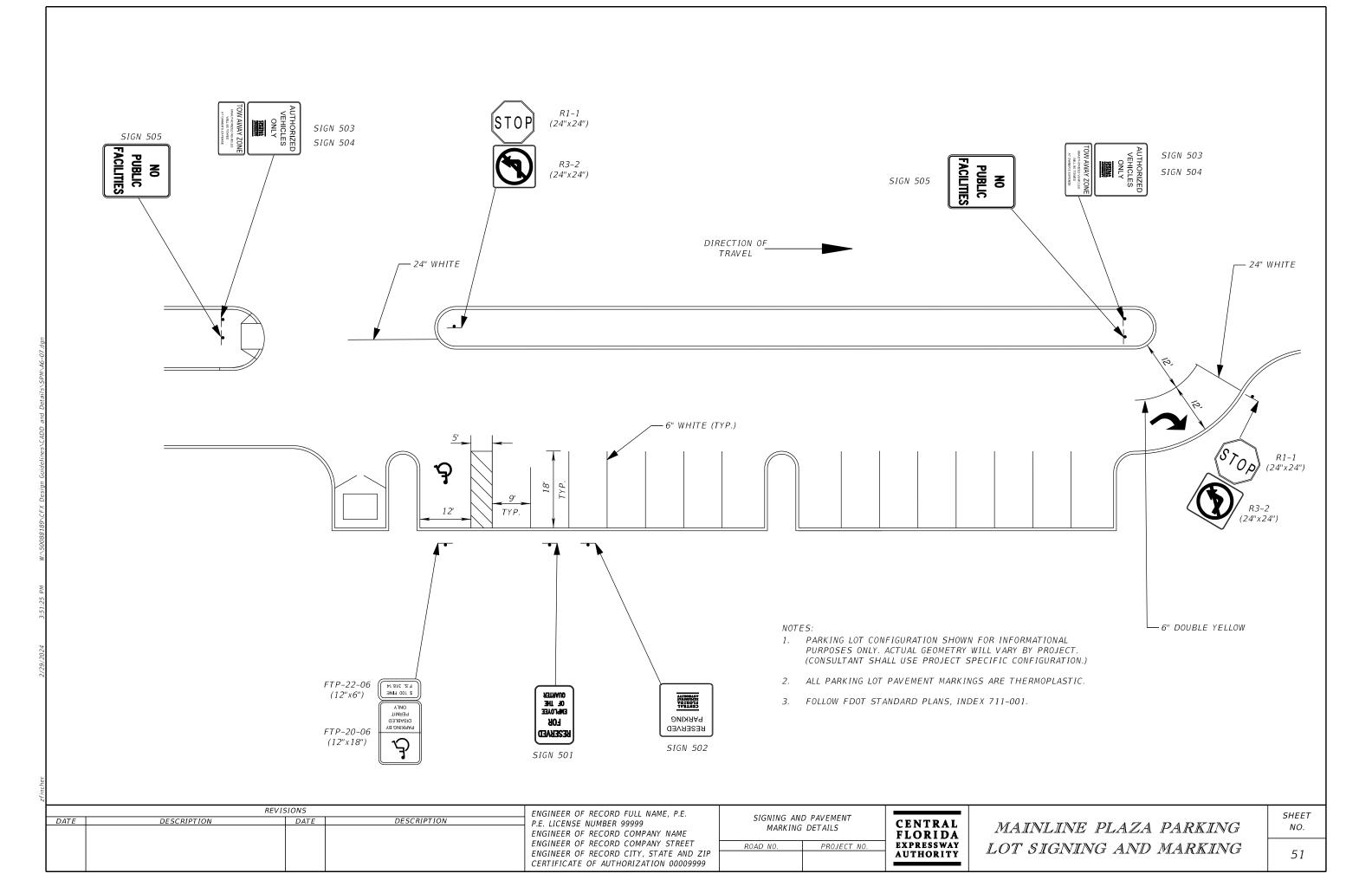
SIGN NUMBER		40	1			мои	NTING	GROUN	о мои	NT (GM-	-X)									USE:	MAINLIN	IE AND	RAMP	P – INT	TERI	OR TO	LL PLA	ZA SI	GNING		
QUANTITY																															
WIDTH			-0" (36'																												
HEIGHT		0'.	-7" (7")																												
BORDER WIDT		0	5"																												
BORDER RADII		1"																													
BORDER INSET		N/	'A						1				36"			1															
BACKGROUND (COLOR	W	hite							4																					
LEGEND & BORL	DER COL	LOR BI	ack					_					<u> </u>				\square 1.	5"													
SHEETING		D	33								D		—	י אי				<u> </u>													
								7"				AY		UL	_L		4'														
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									1		1				1	1															
										5.8"			24.4"			5.8"															
						FOR	USE 0	N MAINL	INE T	OLL PLA	AZA I	SLANDS																			
COPY		Ρ	A	Y	T	0	L	L											L												
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СОРҮ													1		1	+ +															
SPACE								+			+			-		+ +			+												
COPY																		-													
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COPY												_																			
SPACE																															
СОРҮ																															
SPACE																															
SIGN NUMBER		40	12			мои	NTING	GROUN	э мои	NT (GM-	-X)									SIGN NUME	BER	403	}				MOUN	TING:	GROUN	D MO	UNT (GM
QUANTITY																				QUANTITY											
WIDTH		4'-	-1" (49')																WIDTH		2'-6	5" (30"))							
HEIGHT		0'.	-7" (7")																	HEIGHT		1'-3	3" (15"))							
BORDER WIDT	Ч	0	5"																	BORDER W	IDTH	0.5	I								
BORDER RADII		1"																		BORDER RA	4DII	1"									-
BORDER INSET	r i i	N/	'A					1					49"				1			BORDER IN	ISET	N/A								_	
BACKGROUND	COLOR	Υe	llow					-									-			BACKGROUI	VD COLOR	Yell	low							1	
LEGEND & BORI	DER COL	LOR BI	ack				_	—										—	1.5"	LEGEND & E	BORDER C	DLOR Blac	: k								
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SPACE					21.7	7				1.1	7								45.5	SPACE	3.4						23.3		1		
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SPACE																				SPACE											
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																P.E. LICE			9999 COMPANY NAME	-		MARKING	G DET.	AILS			CEN FLO				GUIL
																			COMPANY NAME		ROAD	NO		PROJEC			F L O EXPR	RI U Essw			
																ENGINEE	R OF RE	CORD C	CITY, STATE AN	ND ZIP	NUAD	vU.	+	I NUJEL	, NU.		AUTE	IORI	TY		
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																				1											

WATCH FOR PEDESTRIANS	2" 4" 3" 2"	
	L 21.7 L 23.3	
DE SIGN WORKSHEE SIGNS 401 - 403	Т sheet NO. 49	

SIGN NU			40)4				мои	NTING	: GROL	JND M	DUNT ((GM-X)												US	E: MA	AINLIN	VE AI	ND RAI	MP -	INTER	RIOR	TOLL F	PLAZA	SIGNII	VG CON	TINUED
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BACKGRO			Re										-							2"																		
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SPACE		2.3		1		13.4		1	-	2.3			-		-		_	_						13.4	4													
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				_				REV	ISION.															ULL NAM	ME, P.E	Ξ.		SIC	NING	AND P				_				
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T L	DE .	SIC	$\mathbb{R}N$	WC	RK	SH.	EE	${\mathcal T}$	SHEET NO.
	SI	IGN	VS 4	101,	40	95			50

INTENTIONALLY LEFT BLANK



SIGN NUMBER	501			MOUN	TING:	GROU	ND MO	UNT (GM·	-X)								USE: N	1AINLIN	E TOL	L PLA	ZA PAI	RKING	LOT	SIGNIN	G			
QUANTITY WIDTH	1'-0" (12	2")																										
HEIGHT	1'-6" (18										12"																	
BORDER WIDTH	0.25"										12																	
BORDER RADII BORDER INSET	1.5" 0.125"								_				□ <u>-</u>															
BACKGROUND COLOR	White								Ī		SERVI	– (חי	_ 2.25	, 2''														
LEGEND & BORDER COLOF												┛╽╶╡	_ 1.5"	2														
SHEETING	DG3							18	ייק		FOR		1.5"	2"														
NOTES:								10			PLOYE		= 1"	— 1.5'														
NOTES.											F THE		= 1"	— 1.5'														
SPACING REDUCED 509	6.								Ļ		JARTEF	` 」	2.25	<u></u> 1.5'	1													
										2.8"	6.5"	2 7"																
										2.0	0.5	2.7																
	R E	S	E R	V	Ε	D										L												
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COPY I SPACE 4.2	= 0 3.6	R	4.2						_				_			L 3.6												
	E M	Р	L 0	Υ	Ε	E										L 5.0												
SPACE 2.1			7.8				2.1									7.8												
) F	1.5	T H	E												L												
SPACE 3 COPY	<u>1.8</u> ע ע	1.5 A	2.7 R T	E	3 R				_				_			6 L												
SPACE 2.8		A	6.5	L	N	2.7			_							6.5												
						1																						
SIGN NUMBER	502			MOUN	TING:	GROU	ND MO	UNT (GM·	-X)								SIGN NUMBE	R	50)3				MOUNT	ING: (GROUN	D MOU	INT (GM-)
QUANTITY WIDTH	1'-6" (18	? ")															QUANTITY WIDTH		3'	-6" (42'	')							
HEIGHT	1'-6" (18																HEIGHT			-0" (36'								
BORDER WIDTH	0.5"								-		18"						BORDER WIL		1"				_					
BORDER RADII BORDER INSET	2" 0.125"								_ '				\neg	1.5"			BORDER RAL BORDER INS		4.	5" 25"			-					
BACKGROUND COLOR	White								Í	RES			Ŧ	<u></u> 2			BACKGROUNI	D COLOR	W.	hite								
LEGEND & BORDER COLOF										PA	RKIN	IG	=	$\frac{1}{1''}$ 2			LEGEND & BO	ORDER CO										
SHEETING	DG3							18"		CR	NTRA	,	-	1			SHEETING		D	63			-					36"
NOTES:										FL	ORID	A I		9"			NOTES:											
										AUI	THORIT	Y																
CFX LOGO L-1 SEE CFX LOGOS DETAI	ו כעבבד												\pm	1.5"			CFX LOGO L SEE CFX LC			исст								<u> </u>
SEE CIX LOGOS DETAI	L JIILLI								-			_						1003 DL	AIL J	11221								
									3.2	7"	10.6"	3.7"																
	- -			11	-														Λ	11					,	-		
COPY I SPACE 2.7	R E	5	E R 12.7	V	Ε	D	2.6									L 12.7	COPY SPACE	5.2	A	U	T	Н	0 31		1	Ζ	E	D 5.1
	P A	R	K I	N	G		2.0									12.7 L	COPY	J.2	V	E	H	Ι	C		E	5		<u> </u>
SPACE 3.6			10.9			3.5										10.9	SPACE	8.9				24.					8.8	
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NUTE. WIDIM - HUP	AIZUNTAL	SPACE	NU UIMENSI	JNJ ARI		NUTES	J.										NOTE: EN	וע עו⊮E	NJIUN	SINCL	υνε Βί	JNDEK	WIDI	n, MAKU	un AN	אטם עו	UEK KL	LLEJJ.
				REVI	SIONS	5							ENC	INEED	RECODO	FULL NAME, P.E	I											
DATE	DES	CRIPTIC	DN			TE			DESCRI	PTION			P.E.	LICENSE	NUMBER	99999				ND PA NG DET	VEMENT AILS	Г		CENT	'RA	L		GUII
																COMPANY NAME COMPANY STRE		ROAD N			PROJEC	TNO]	FLOI Expre	RID.	A		
													ENG	INEER OF	RECORD	CITY, STATE AN	ND ZIP	NUAD N	10.		PRUJEC	T NU.		AUTH	DRIT	Ÿ		
					1								CER	i ificate	UF AUTH	ORIZATION 0000	19999											

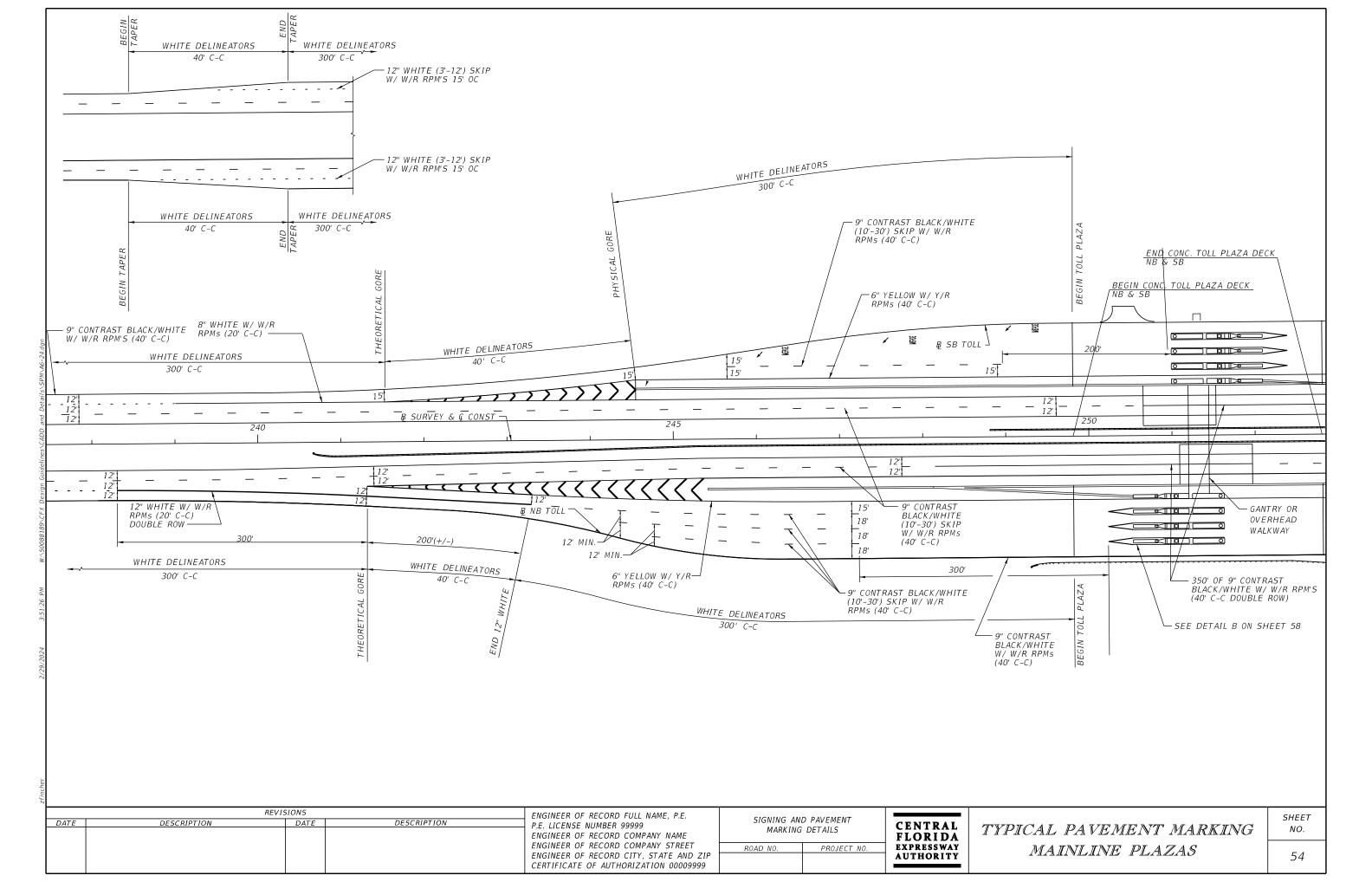
x) +	VE	42" HORI HICL DNLY	ES	3" 3" 2.5" 9" 3.5"			
1				 			
							L 31.7 L
							31.7
							31.7 L 24.3 L
							31.7 L 24.3 L 13.6
							31.7 L 24.3 L 13.6 L
							31.7 L 24.3 L 13.6
				S IJI			31.7 L 24.3 L 13.6 L 10.6 SHEET
	E SI				EE		31.7 L 24.3 L 13.6 L 10.6

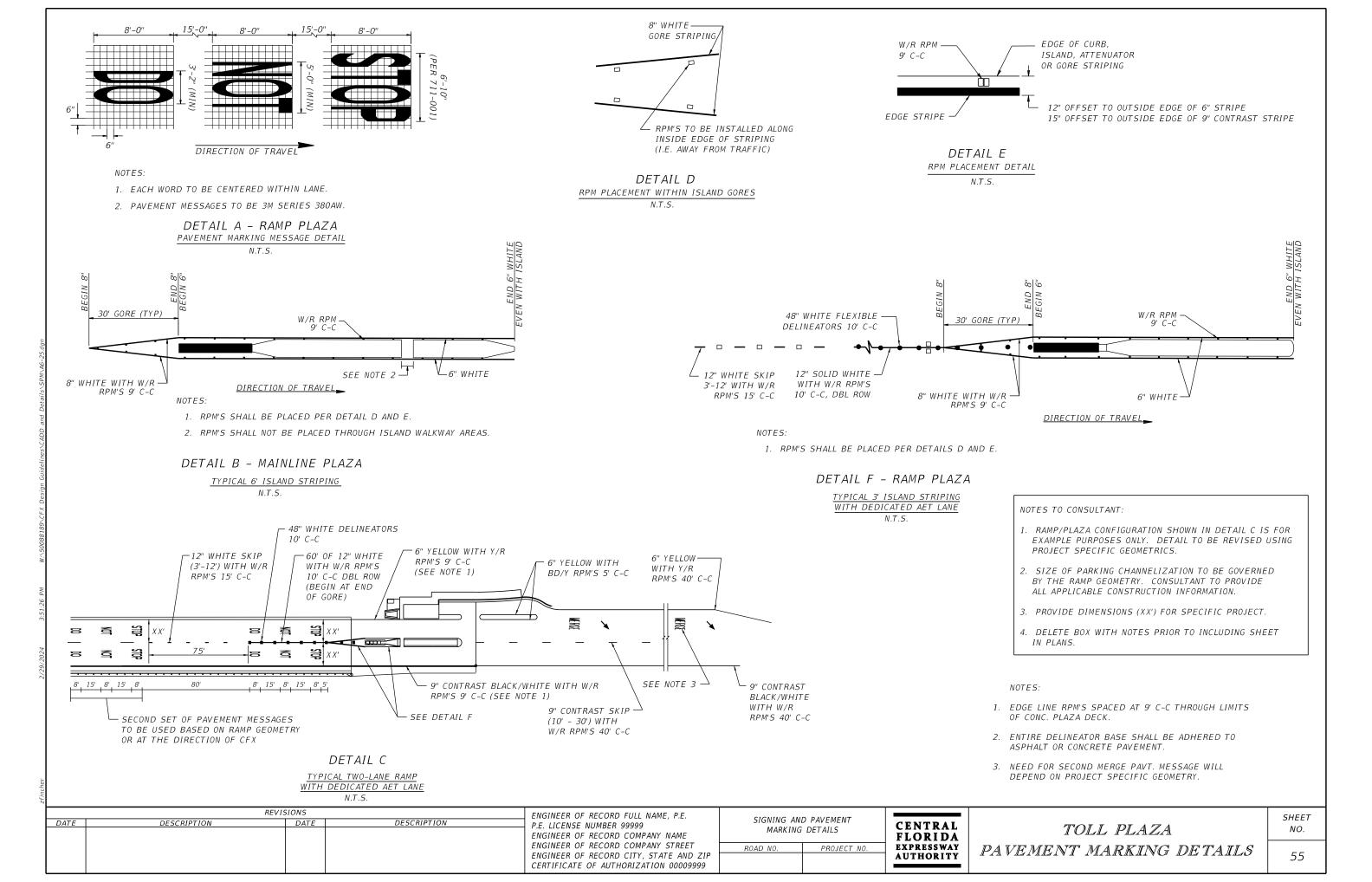
SIGN NUMBER QUANTITY WIDTH	3'-6" (42")			ROUND M											SE: MAINI		, old ,		,					
HEIGHT BORDER WIDTH BORDER RADII BORDER INSET BACKGROUND COLOR LEGEND & BORDER COLOR SHEETING NOTES:	1'-6" (18") 0.5" 2.25" 0.125" White Red DG3			18	"		NAUTHORI WILL I AT OWNE	ZED V BE TOV	EHICLE: Ned		$ \begin{array}{c} - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - \\ - $	5" 2" 5" 2"												
COPY T SPACE 1.5 COPY U SPACE 6.2 COPY V SPACE 6.2 COPY V SPACE 5 COPY V SPACE 0.9 COPY A SPACE 10.9 COPY A SPACE 7.8	B.4 4 V N A U E H I C 10.3 I L L 4.8 I I I L	A W 11 11 T H 16 L E B 3 2. W N 8.	5.3 5.3 5.3 6 E 5 E	Y 4 R 1 5.2 T 3 R 5	Z Z 0	0 11. E W 7 E		1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	N .	S E	7.7		L 39 L 29.6 L 20.3 L 26.5											
SIGN NUMBER QUANTITY WIDTH HEIGHT BORDER WIDTH BORDER RADII BORDER INSET BACKGROUND COLOR LEGEND & BORDER COLOR SHEETING NOTES:	505 2'-0" (24") 2'-6" (30") 0.5" 1.5" 0.375" White Black DG3	MOUN	TING: GF	ROUND M	OUNT (G	GM-X) 30"	PL FAC	24" NO JBLIC SILITIE 20.7"	$\mathbf{S} = \begin{bmatrix} 4\\ 4\\ 5\\ -1 \end{bmatrix}$					QUANT WIDT HEIGH BORD BORD BORD	H HT ER WIDTH ER RADII ER INSET GROUND COL D & BORDER TING									[
COPY N													L	COP										
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COPY F	A C I		Т	I E	5	1.							L	COP										
SPACE 1.7		20.7				1.6							20.7	SPA										_
COPY SPACE														COP SPA		_						+		+
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															1									
DATE	DESCRIPTION	KEVI	ISIONS DATE			DES	5CRIPTION			P.E. ENG ENG ENG	LICENSE INEER O INEER O INEER O	NUMBE F RECOF F RECOF F RECOF	RD FULL NAME, P R 99999 RD COMPANY NAM RD COMPANY STF RD CITY, STATE , THORIZATION 00	ME REET AND ZIP			G AND RKING D		NT ECT NO.	FL	NTR ORII PRESSV THORI	DA	C	GUI

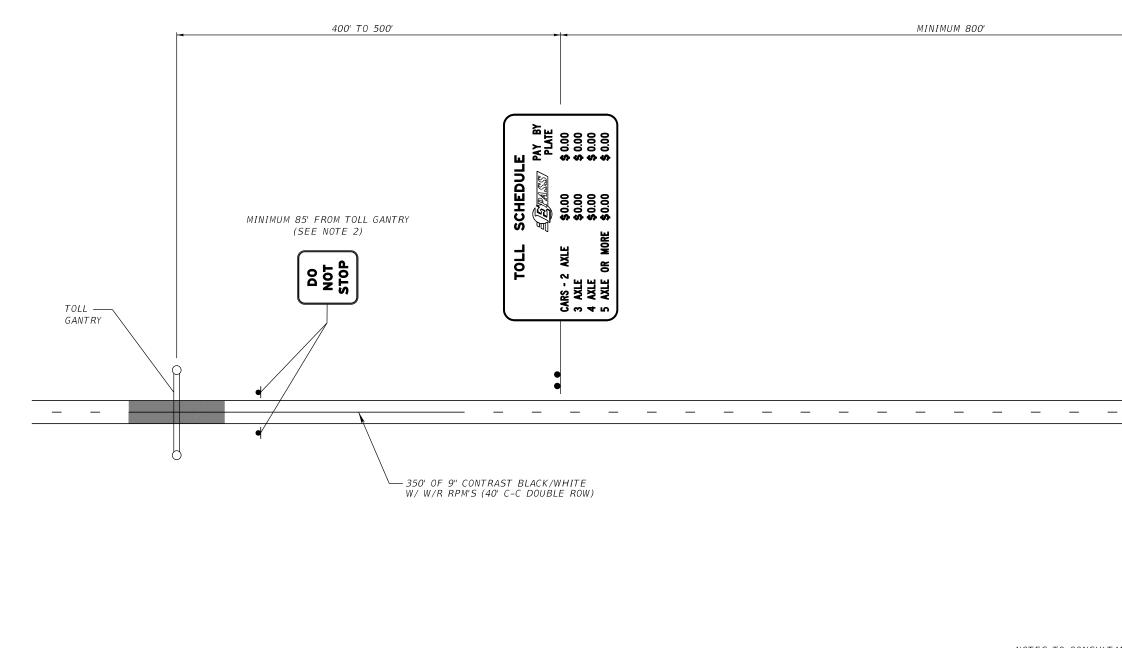
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IDE SIGN WORKSHEET	SHEET NO.
SIGNS 504, 505	53

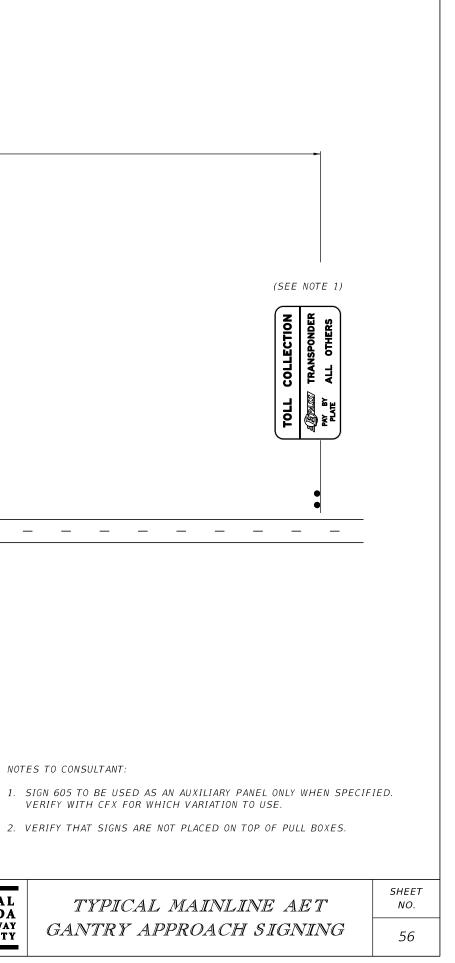


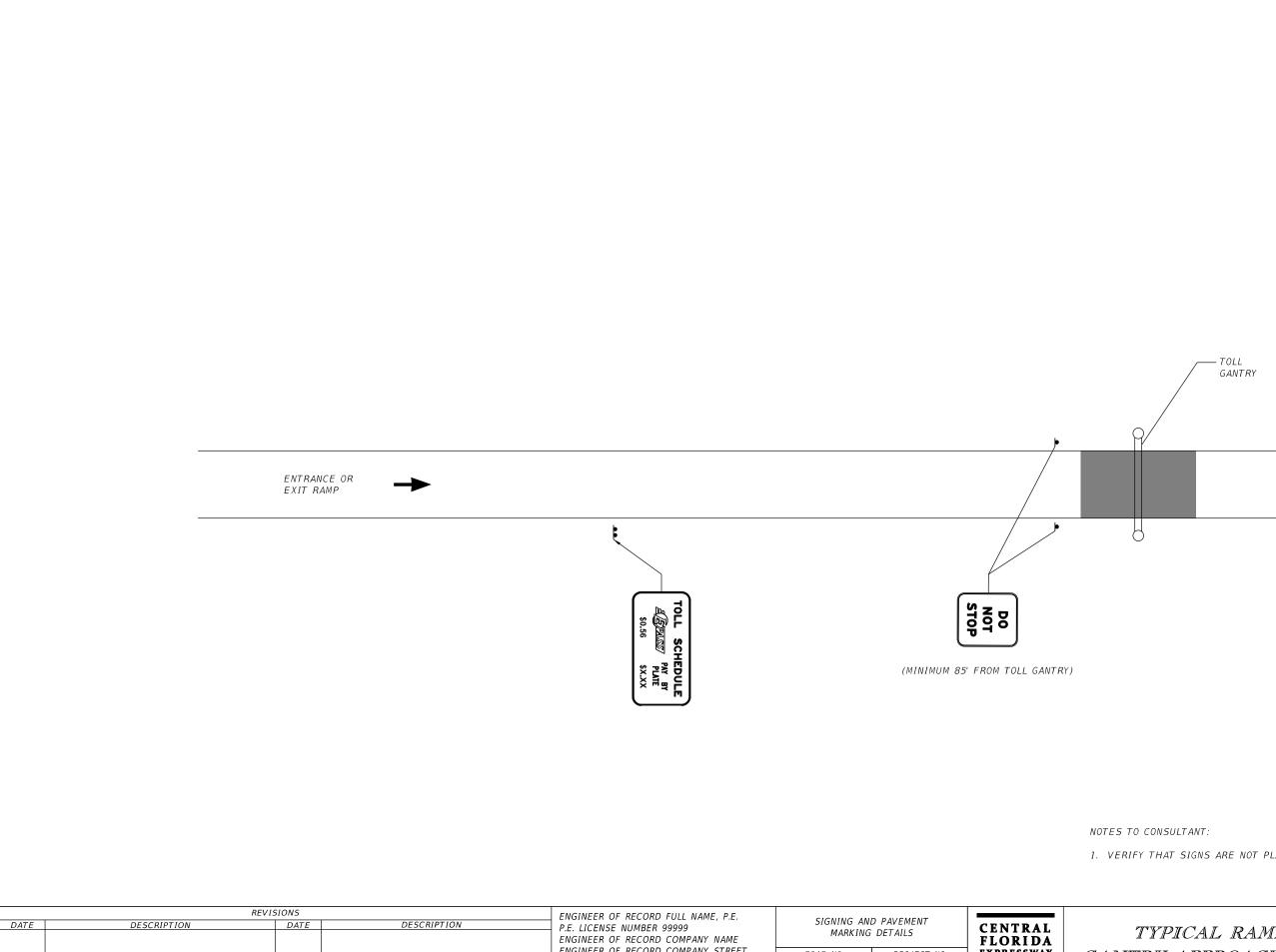




- NOTES TO CONSULTANT:

	R	EVISIONS		ENGINEER OF RECORD FULL NAME, P.E.	CICHING AN		
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	SIGNING ANI MARKING ROAD NO.	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	TYPIC GANTR I



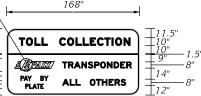


	REVIS	SIONS		ENGINEER OF RECORD FULL NAME, P.E.	CICNING AN			
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		D PAVEMENT DETAILS	CENTRAL FLORIDA	TY
				ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	ROAD NO.	PROJECT NO.	EXPRESSWAY AUTHORITY	GANTRY

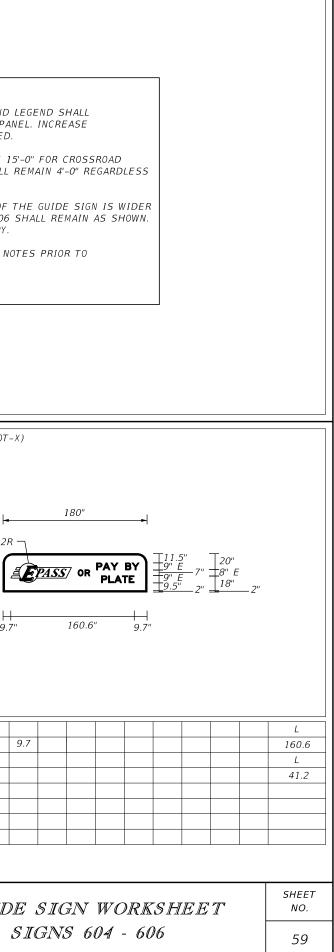
TYPICAL RAMP AET	SHEET NO.
RY APPROACH SIGNING	57

1. VERIFY THAT SIGNS ARE NOT PLACED ON TOP OF PULL BOXES.

SIGN NUMBER 601 QUANTITY	MOUNTING: GROUND MOUNT (GM-X)		
WIDTH 18"-0" (216") HEIGHT 10"-0" (120") BORDER WIDTH 2" BORDER RADII 12" BORDER INSET N/A BACKGROUND COLOR White LEGEND & BORDER COLOR Black SHEETING DG3 NOTES: EPASS LOGO EP-10R SEE EPASS LOGOS SHEETS	$120'' \int \frac{12''}{60''} \int \frac{12''}{60'''} \int \frac{12''}{60'''} \int \frac{12''}{60''''} \int \frac{12''}{60'''''''''} \int \frac{12''}{60''''''''''''''''''''''''''''''''''$	LINE UP VERTICALLY. S TO BE CENTERED UNDER SPACE BETWEEN "AXLE" AND CHANGE. ALSO APPLIES TO TOLL RATES.	
COPY \square P A SPACE 93.1 63.2 10.7 16.1 COPY P L A T SPACE 173.8 25.5 COPY C A R S SPACE 10 21.6 COPY 3 A X SPACE 10 21.6 COPY SPACE 10 4.5 8 20.7 COPY SPACE 10 4.5 8 20.7 COPY 4 A X SPACE 10 5 7.5 20.7	Image:		L 129.5 L 108.3 L 25.5 L 186 L 186 L 186 L 186 L 186 L 186
SIGN NUMBER 602 QUANTITY	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	+10 $1.5''$	
COPY Image: Copy P A SPACE 20.8 63.2 10.7 16.2 COPY P L A T SPACE 99.3 25.5 COPY COPY \$ X . X SPACE 40.7 19 NOTE: WIDTH - HORIZONTAL SPACING DIMET	8 10.3 20.8 a a a a b 108.4 E a b <		L 142.9 L 148.2 L 134.2 L 22.9
DATE DESCRIPTION	REVISIONS ENGINEER OF RECORD FULL NAME, P.E. SIGNING AND PAVEMENT CENTRAL DATE DESCRIPTION P.E. LICENSE NUMBER 99999 SIGNING AND PAVEMENT SIGNING DETAILS CENTRAL GUIDE SIGN BIGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET SIGNING AND PAVEMENT MARKING DETAILS CENTRAL GUIDE SIGN BIGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD COMPANY STREET ROAD NO. PROJECT NO. SIGNING AND PAVEMENT SIGNING AND PAVEMENT <td< td=""><td>WORKSHEET 501 - 603</td><td>sheet NO. 58</td></td<>	WORKSHEET 501 - 603	sheet NO. 58

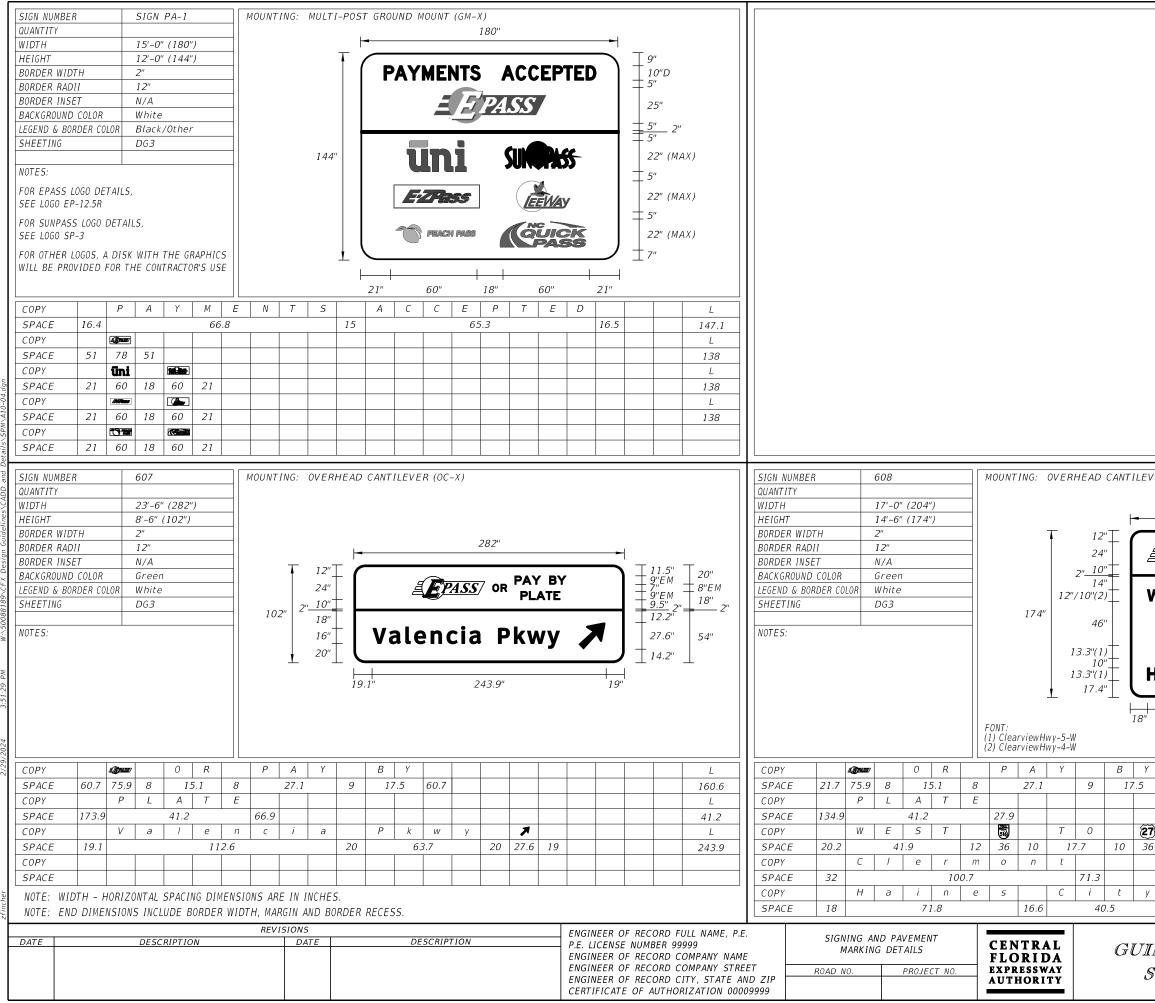


SIGN NUMBER 604	MOUNTING.	GROUND	MOUNT (GM-X)							USE: A	ET SIGN	IING							
QUANTITY WIDTH 14'-0" (168")	_			168"			SEE SIG	NGOE											
HEIGHT 10'-6" (126")			-	100		\square	SEE 5101	1005											
BORDER WIDTH 2" BORDER RADII 12"	_		ſ	NO CA	<u>си</u>)														
BORDER INSET N/A		LOGO	P = P - 14R		<u> </u>	<i>⊤14</i> ″													
BACKGROUND COLOR White			$12'' \pm 12'' \pm $	BEGIN	i)	$\pm 12''$													
LEGEND & BORDER COLOR Black SHEETING DG3	_		12" <u> </u>	EPASS		20" 12"								NOTES	TO CON	SULTANT			
		1	26"			20"										SIGN 60			
NOTES:			9.	PAY BY P		$\frac{12''}{11.5''}$										WIDTH SE SIDE			
EACH NUMBER WITHIN A FRACTION SHALL BE			15" 12"	3/4 MII	LE J	$\frac{10''}{14.5''}$								2 MIN	TMUM W	IDTH OF	SIGN 6	าครมง	
10" EM, GIVING A TOTAL HEIGHT OF 15"						<u> </u>								OVE	RHEAD	GUIDE S			
59466 4969 59 149			F	47" 74"	47"									OF	WIDTH.				
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COPY B E G I	N								L							SHEET			AND N
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SPACE 20.8 88.5 15 23 COPY P A Y	20.7 B Y	P L	. A T	E					126.5 L										
SPACE 14.7 36.1 12	23.4 12		55.1	14.7					138.6										
COPY 3/4 M I	L E								L										
377102	4 47								74										
COPY SPACE																			
SFACE																			
SIGN NUMBER 605	MOUNTING	GROUND	MOUNT (GM-X)							SIGN NUMBE	R	606			МС	UNTING:	OVERHE	AD TRU	USS (OT
QUANTITY										QUANTITY									
WIDTU 14 0" (169")										WUDTU		1 51 01	(100")						
WIDTH 14'-0" (168") HEIGHT 3'-0" (36")										WIDTH HEIGHT		15'-0" 4'-0"	(180") (48")						
HEIGHT 3'-0" (36") BORDER WIDTH 2"										HEIGHT BORDER WID		4'-0" 2"							
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5"										HEIGHT BORDER WID BORDER RAD	DII	4'-0" 2" 12"							4
HEIGHT 3'-0" (36") BORDER WIDTH 2"			L	168"						HEIGHT BORDER WID	DII GET	4'-0" 2"	(48")					1000	
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black			+	168"	+					HEIGHT BORDER WID BORDER RAD BORDER INS BACKGROUND LEGEND & BO	DII SET D COLOR	4'-0" 2" 12" N/A White OR Black	(48")				Ŧ		
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow			36″ ▲	168" NO CA		12" 12"				HEIGHT BORDER WIL BORDER RAL BORDER INS BACKGROUNL	DII SET D COLOR	4'-0" 2" 12" N/A White	(48")				48"		
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black			36"↓ 【		SH	12" 12" 12"				HEIGHT BORDER WID BORDER RAD BORDER INS BACKGROUND LEGEND & BO	DII SET D COLOR	4'-0" 2" 12" N/A White OR Black	(48")						12"∓ (
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black SHEETING DG3 NOTES: 1000			⊥ L ⊢	NO CA)	12" 12" 12"				HEIGHT BORDER WIL BORDER RAL BORDER INS BACKGROUNL LEGEND & BO SHEETING NOTES:	DII GET D COLOR DRDER COL	4'-0" 2" 12" N/A White OR Black	(48")						12'' + 24'' + 10''' + 10'''' + 10''
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black SHEETING DG3			⊥ L ⊢		SH 39.4"	12" 12" 12"				HEIGHT BORDER WIL BORDER RAL BORDER INS BACKGROUNL LEGEND & BO SHEETING NOTES: EPASS LOGO	DII GET D COLOR DRDER COL	4'-0" 2" 12" N/A White OR Black DG3	(48")						12'' + 24'' + 10''' + 10'''' + 10''
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black SHEETING DG3 NOTES: 1000			⊥ L ⊢	NO CA)	12" 12" 12"				HEIGHT BORDER WIL BORDER RAL BORDER INS BACKGROUNL LEGEND & BO SHEETING NOTES:	DII GET D COLOR DRDER COL	4'-0" 2" 12" N/A White OR Black DG3	(48")						12'' + 24'' + 10''' + 10'''' + 10''
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black SHEETING DG3 NOTES: 1000			⊥ L ⊢	NO CA)	12" 12" 12"				HEIGHT BORDER WIL BORDER RAL BORDER INS BACKGROUNL LEGEND & BO SHEETING NOTES: EPASS LOGO	DII GET D COLOR DRDER COL	4'-0" 2" 12" N/A White OR Black DG3	(48")						12'' + 24'' + 10''' + 10'''' + 10''
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black SHEETING DG3 NOTES: 1000			⊥ L ⊢	NO CA)	12" 12" 12"				HEIGHT BORDER WIL BORDER RAL BORDER INS BACKGROUNL LEGEND & BO SHEETING NOTES: EPASS LOGO	DII GET D COLOR DRDER COL	4'-0" 2" 12" N/A White OR Black DG3	(48")						12'' + 24'' + 10''' + 10'''' + 10''
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black SHEETING DG3 NOTES: 1000			⊥ L ⊢	NO CA)	12" 12" 12"				HEIGHT BORDER WIL BORDER RAL BORDER INS BACKGROUNL LEGEND & BO SHEETING NOTES: EPASS LOGO	DII GET D COLOR DRDER COL	4'-0" 2" 12" N/A White OR Black DG3	(48")						12'' + 24'' + 10''' + 10'''' + 10''
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black SHEETING DG3 NOTES: 1000	A 5 H		⊥ L ⊢	NO CA)	12" 12" 12" 12"			L	HEIGHT BORDER WIL BORDER RAL BORDER INS BACKGROUNL LEGEND & BO SHEETING NOTES: EPASS LOGO	DII SET D COLOR DRDER COL DRDER COL DRDER COL DRDER COL DRDER S	4'-0" 2" 12" N/A White OR Black DG3	(48")	R					12" + 24" 10" +
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black SHEETING DG3 NOTES: ONLY TO BE USED WHEN SPECIFIED.	A 5 H 48.2	39.4	⊥ L ⊢	NO CA)				L 89.2	HEIGHT BORDER WIL BORDER RAL BORDER INS BACKGROUNL LEGEND & BO SHEETING NOTES: EPASS LOGO SEE EPASS	DII SET D COLOR DRDER COL DRDER COL DRDER COL DRDER COL DRDER S	4'-0" 2" 12" N/A White OR Black DG3 HEETS	(48°)	R 5.1		A 27.1	48" <u> </u>	2"	12" + 24" 10" +
HEIGHT 3'-0" (36") BORDER WIDTH 2" BORDER RADII 5" BORDER INSET N/A BACKGROUND COLOR Yellow LEGEND & BORDER COLOR Black SHEETING DG3 NOTES: 0 ONLY TO BE USED WHEN SPECIFIED. COPY N 0 C SPACE 39.4 23 18 COPY		39.4	⊥ L ⊢	NO CA)					HEIGHT BORDER WIE BORDER RAL BORDER INS BACKGROUNE LEGEND & BO SHEETING NOTES: EPASS LOGO SEE EPASS COPY SPACE COPY	DII SET D COLOR RDER COL D EP-12R LOGOS S 9.7 9.7	4'-0" 2" 12" N/A White DG3 HEETS	48") 	5.1 T	8 E	27.1	48" <u> </u>	2"	12" 24" 10" 9.
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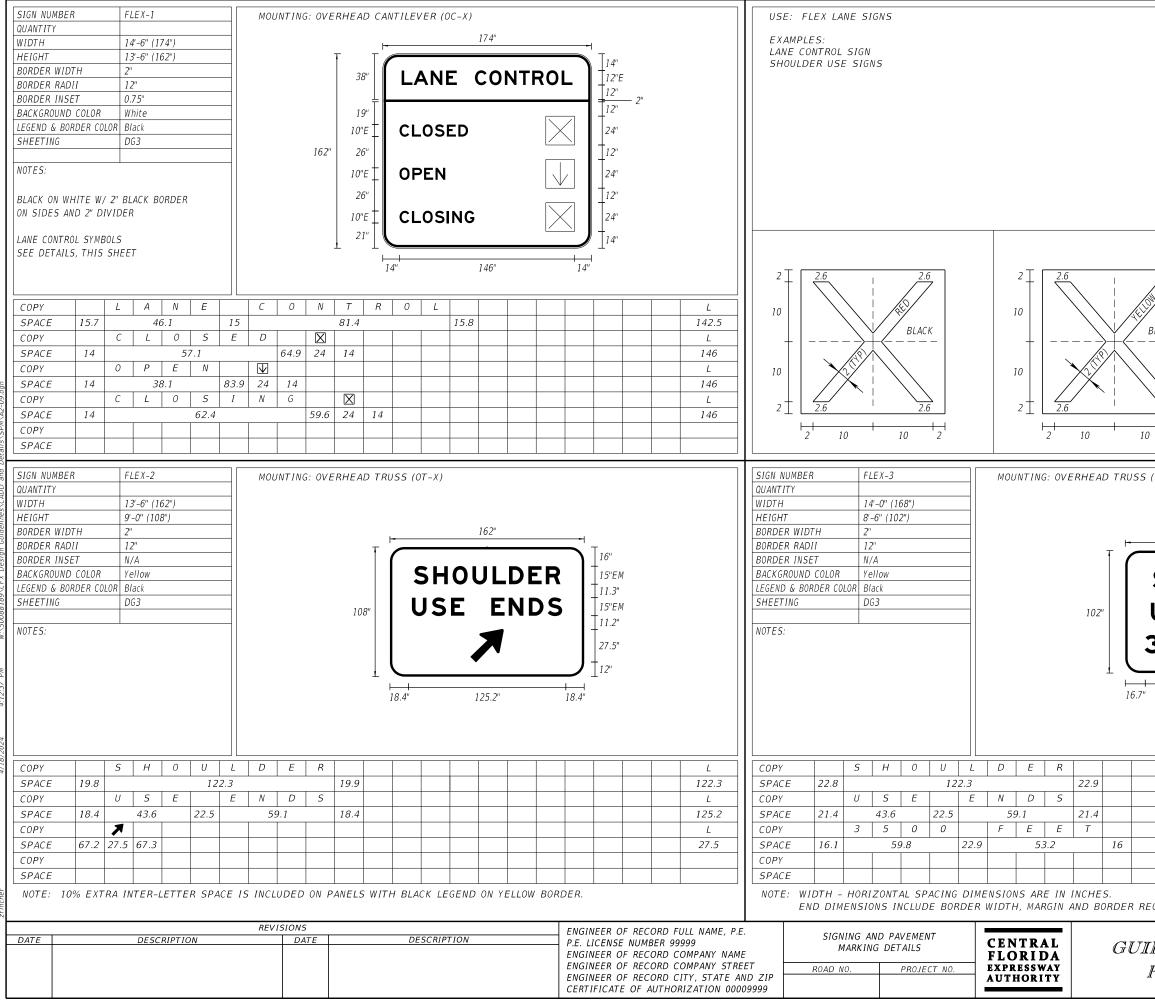


SIGN NUMBER		SIGN T	5-1			МО	UNTII	NG: MU	ULTI-F	POST G	ROUN	D MOU	NT (GN	M-X)																	
QUANTITY			(2200)																				2	2.01							
WIDTH HEIGHT	_	9'-0" "-6" (9	(228") 20")		_																		2.	28''					-	-	
BORDER WIDTH		-0 (3	90)													-	Ŧ													12"	
BORDER RADII		1.25"			-1														_	.	-			_		_				+	
BORDER INSET	_	I/A																30"		OLL	. S	ΑV	E R		IM	E X	SA	VE	K I	10"(1)	
BACKGROUND COLOR	E	Blue																	-					-		_				8"	
LEGEND & BORDER COL	_	Vhite																10"						$\overline{\frown}$							
SHEETING	Ľ	7 <i>G3</i>														90"	10'	+			GE	C T		/ 🗖	DA (<u>7</u> 77	7			30"	
																90		+			U				AL) <u>[]</u>				50	
NOTES:																		10"					<u> </u>								
EPASS LOGO EP-12R (9"		-	_							- 1		8"	
SEE EPASS LOGOS SH	IEEIS																8'	'(2)		Di	al	#E	EPAS	S	(#)	372	277	7)		10"(1)	!
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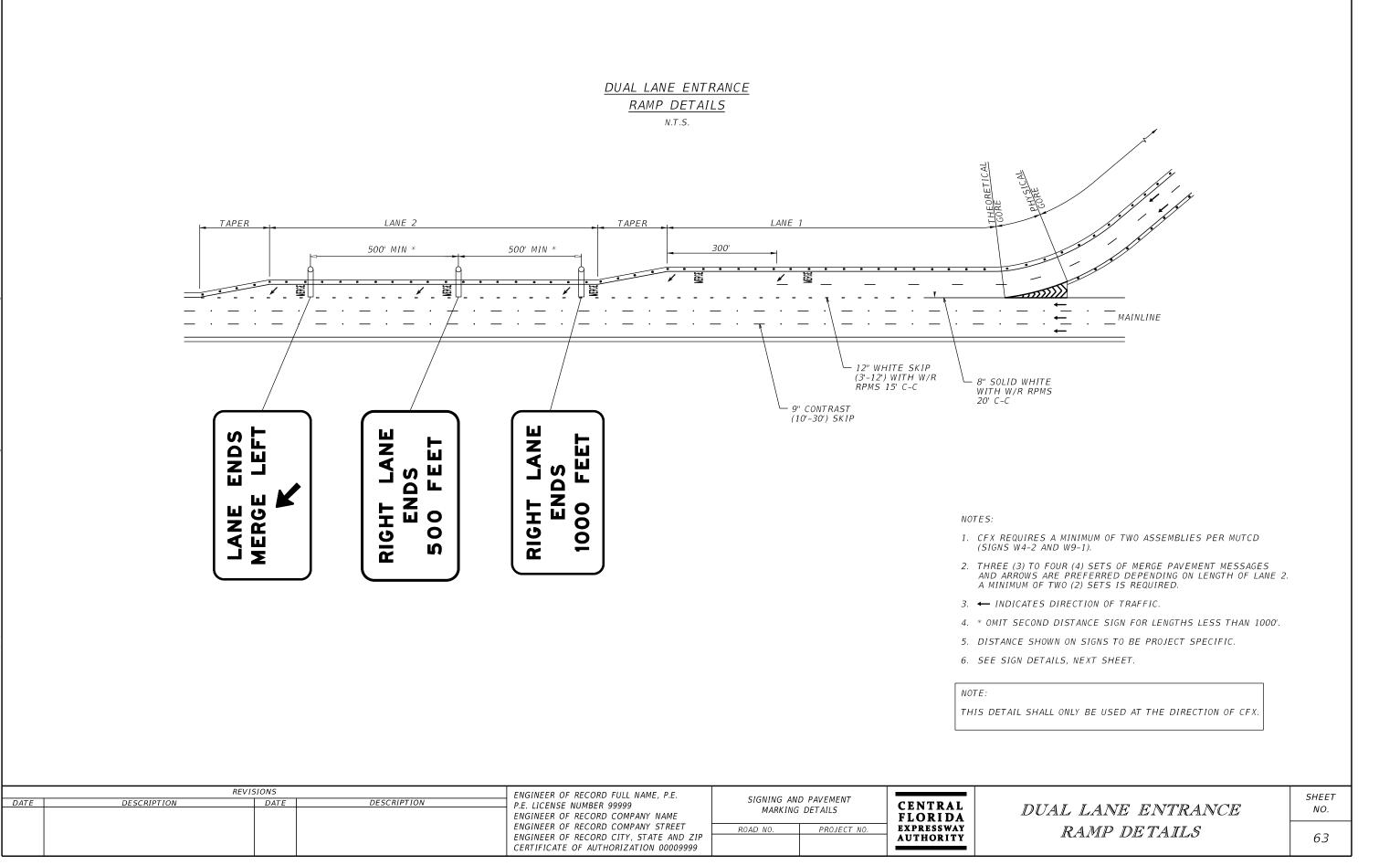
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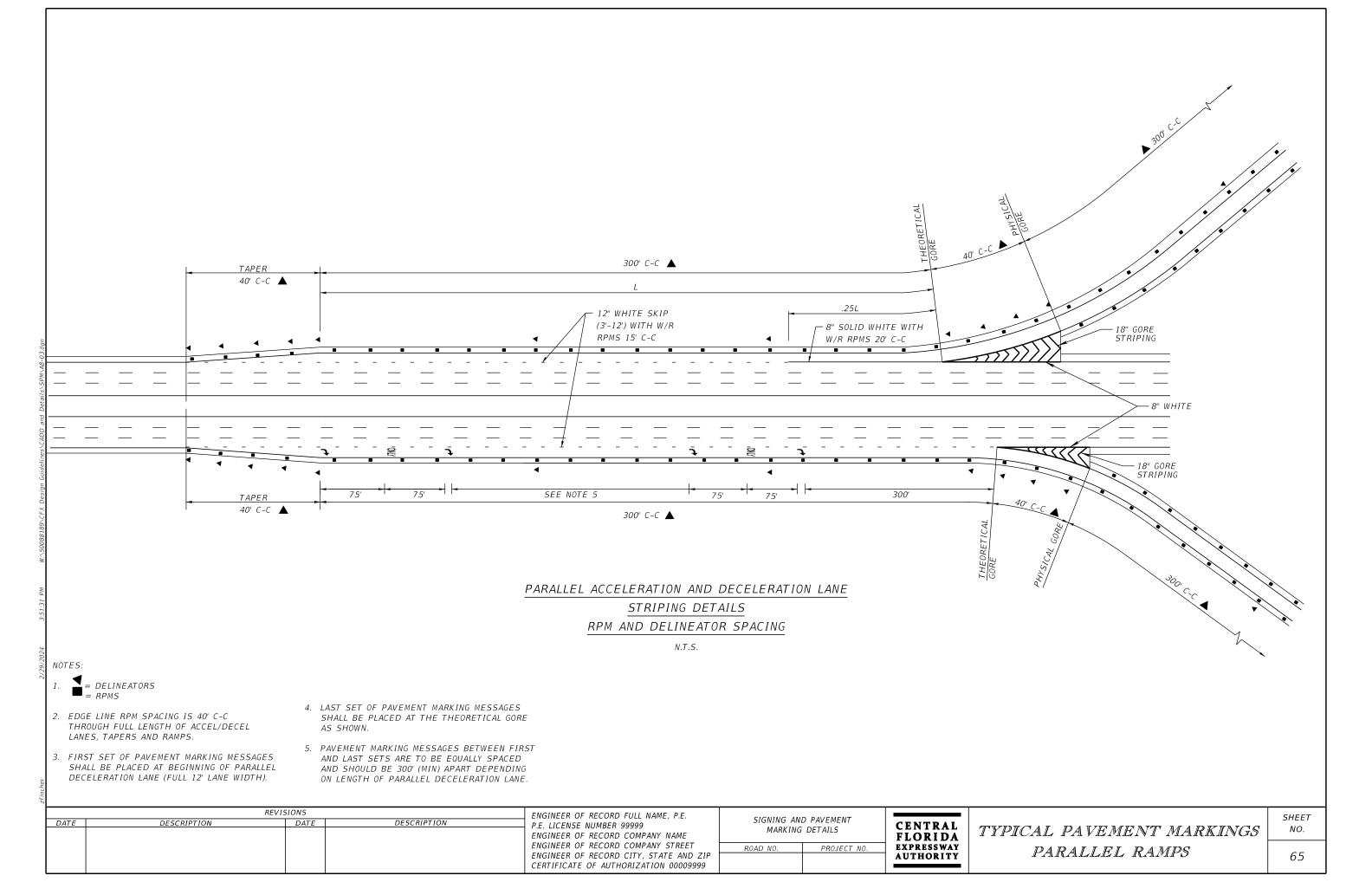
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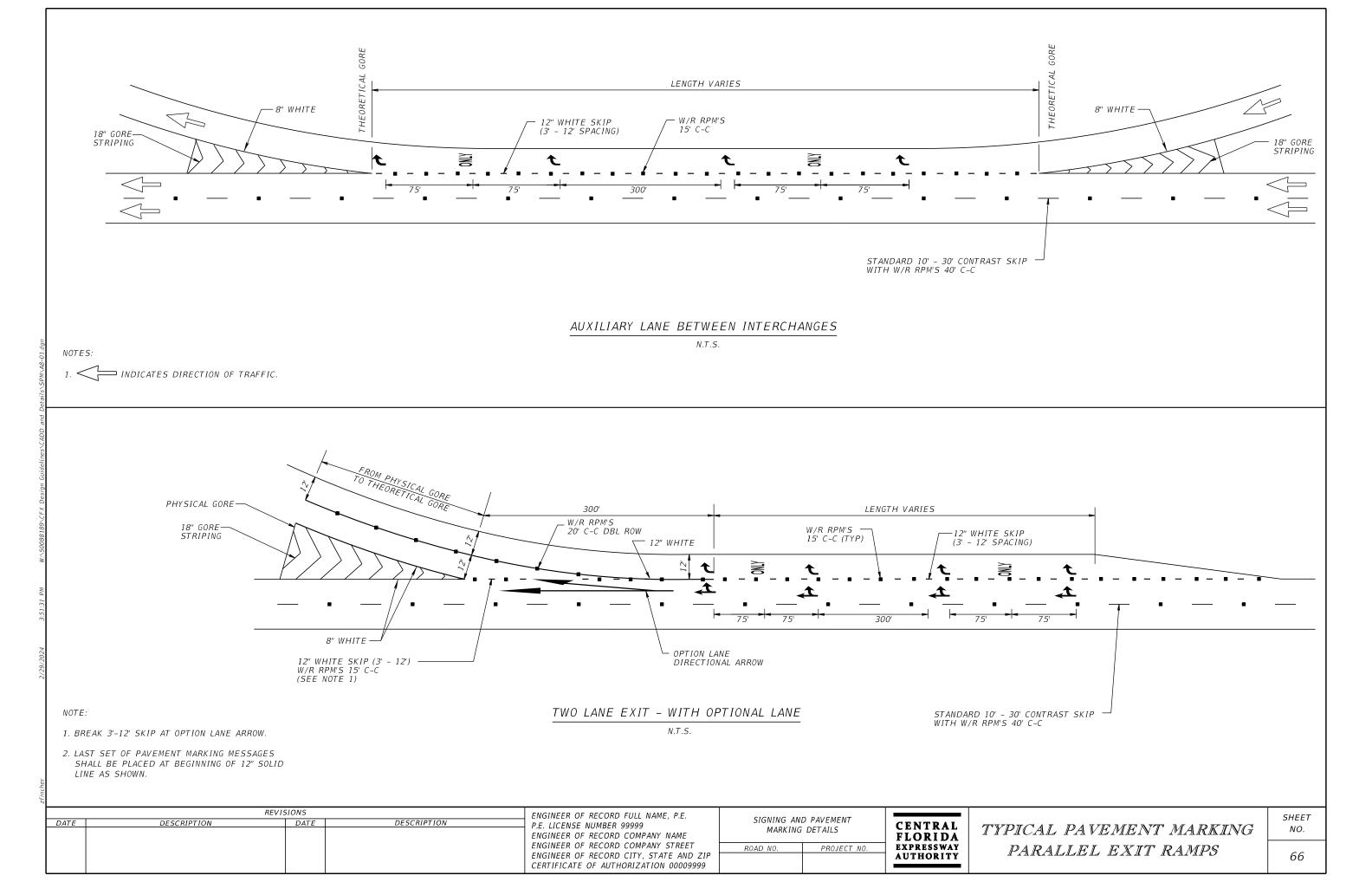


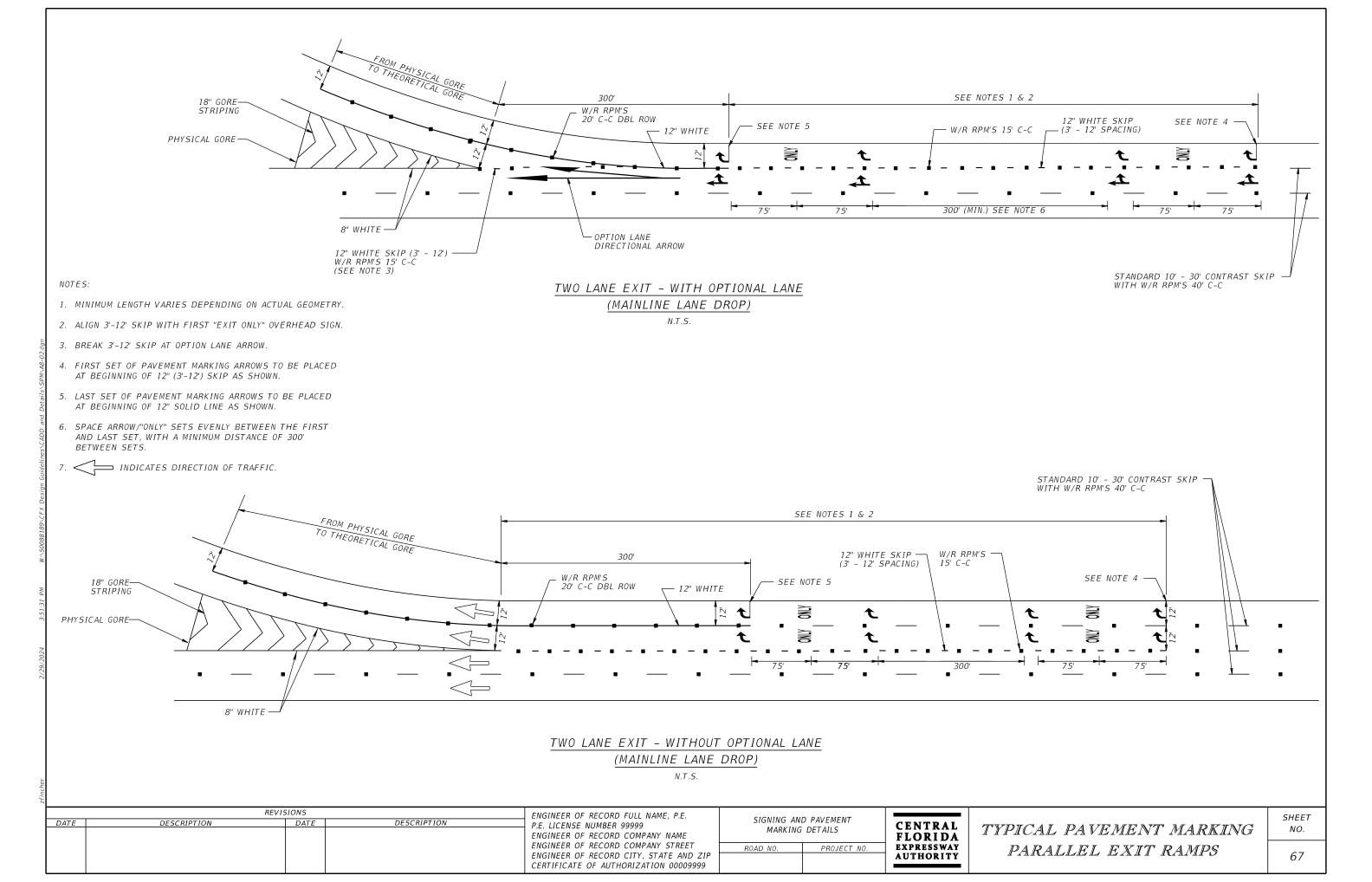
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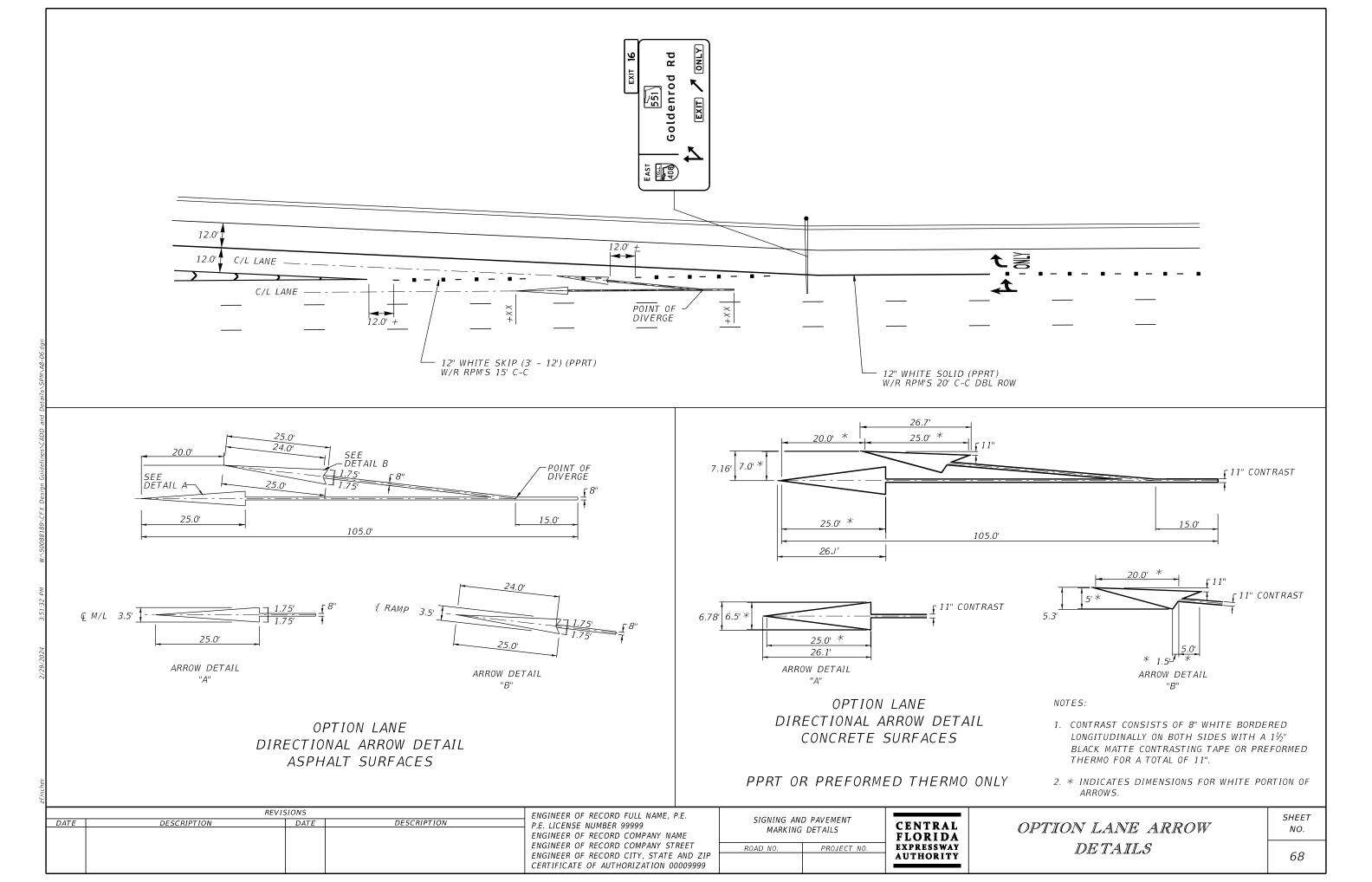
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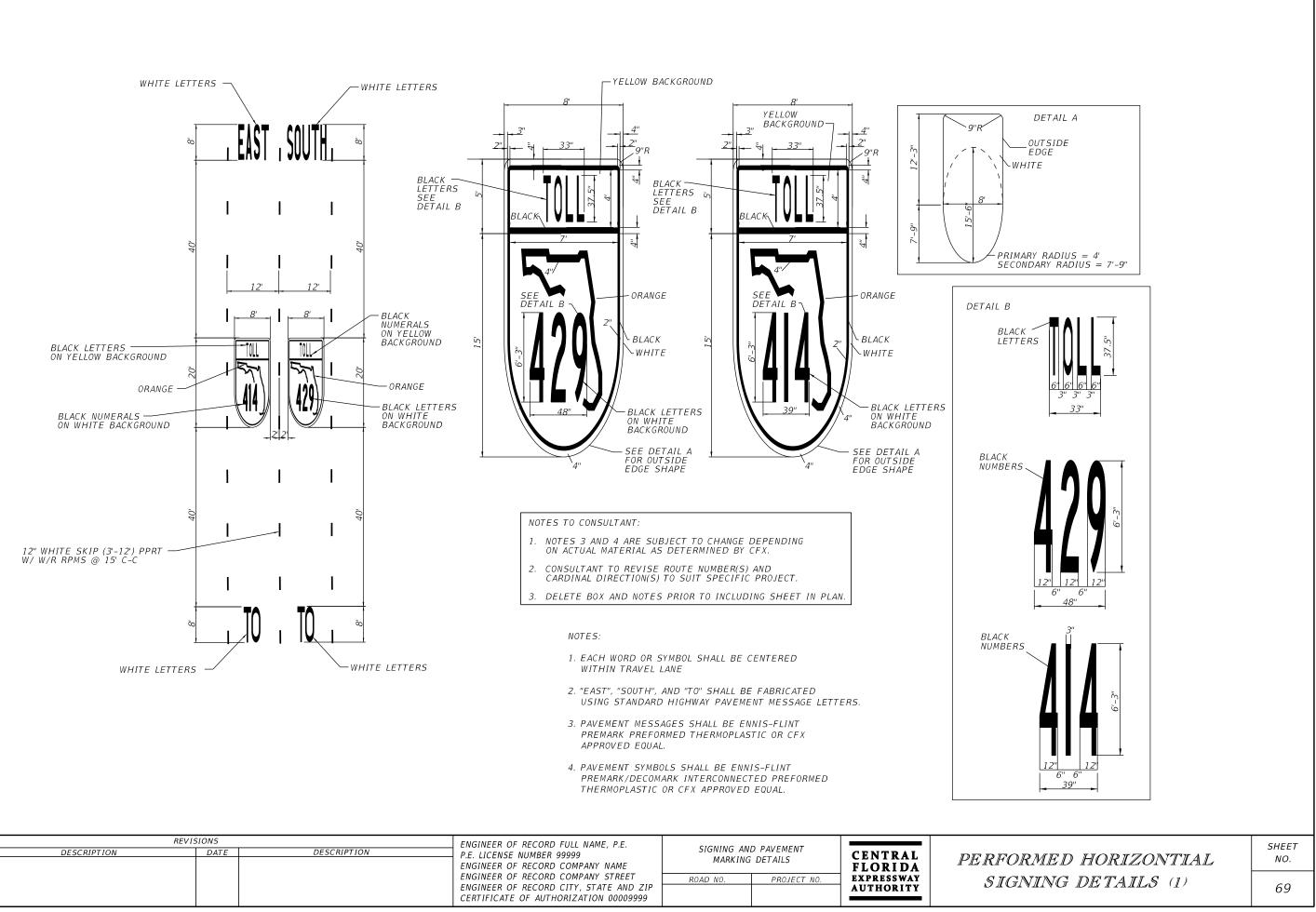
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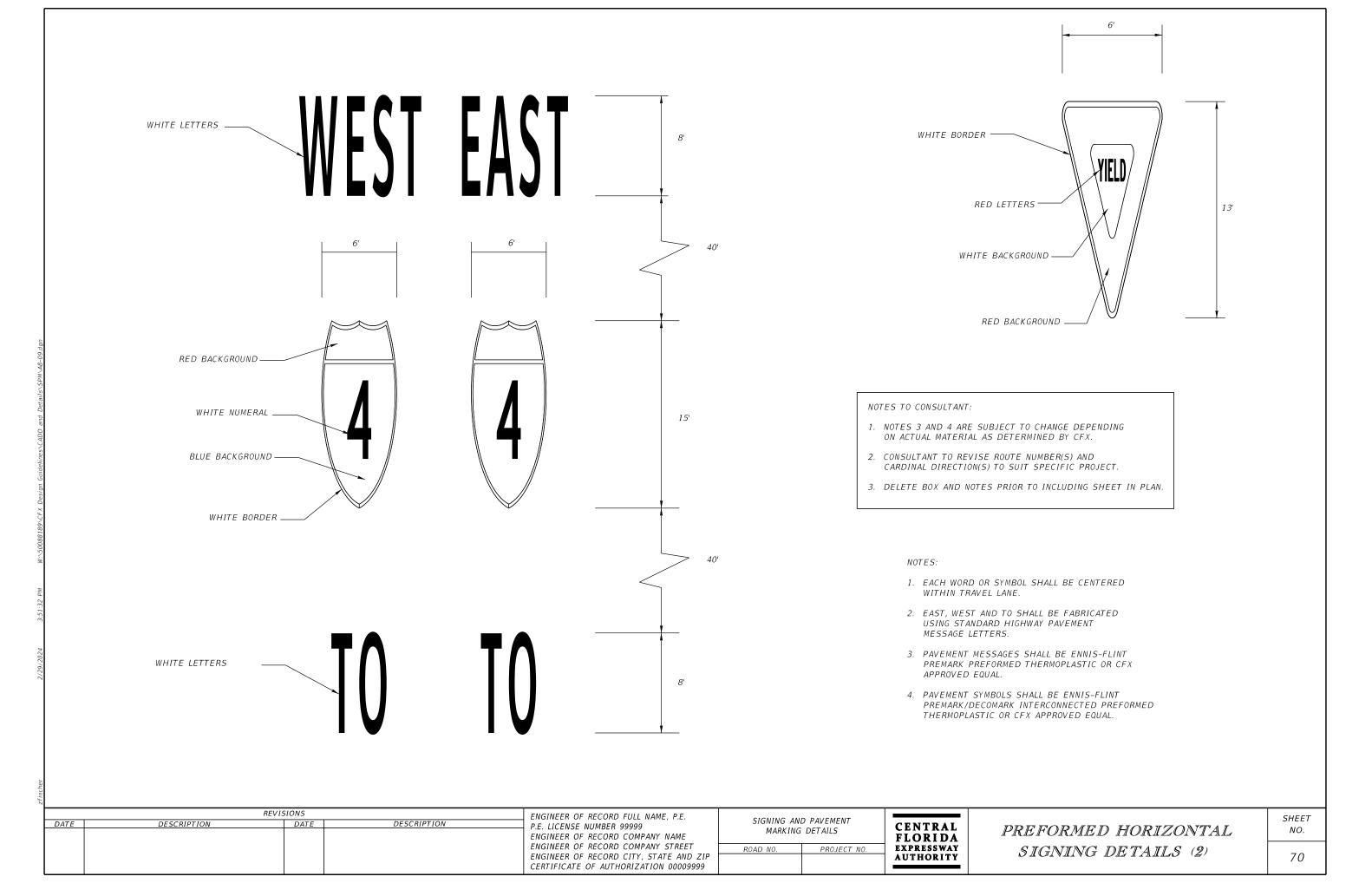


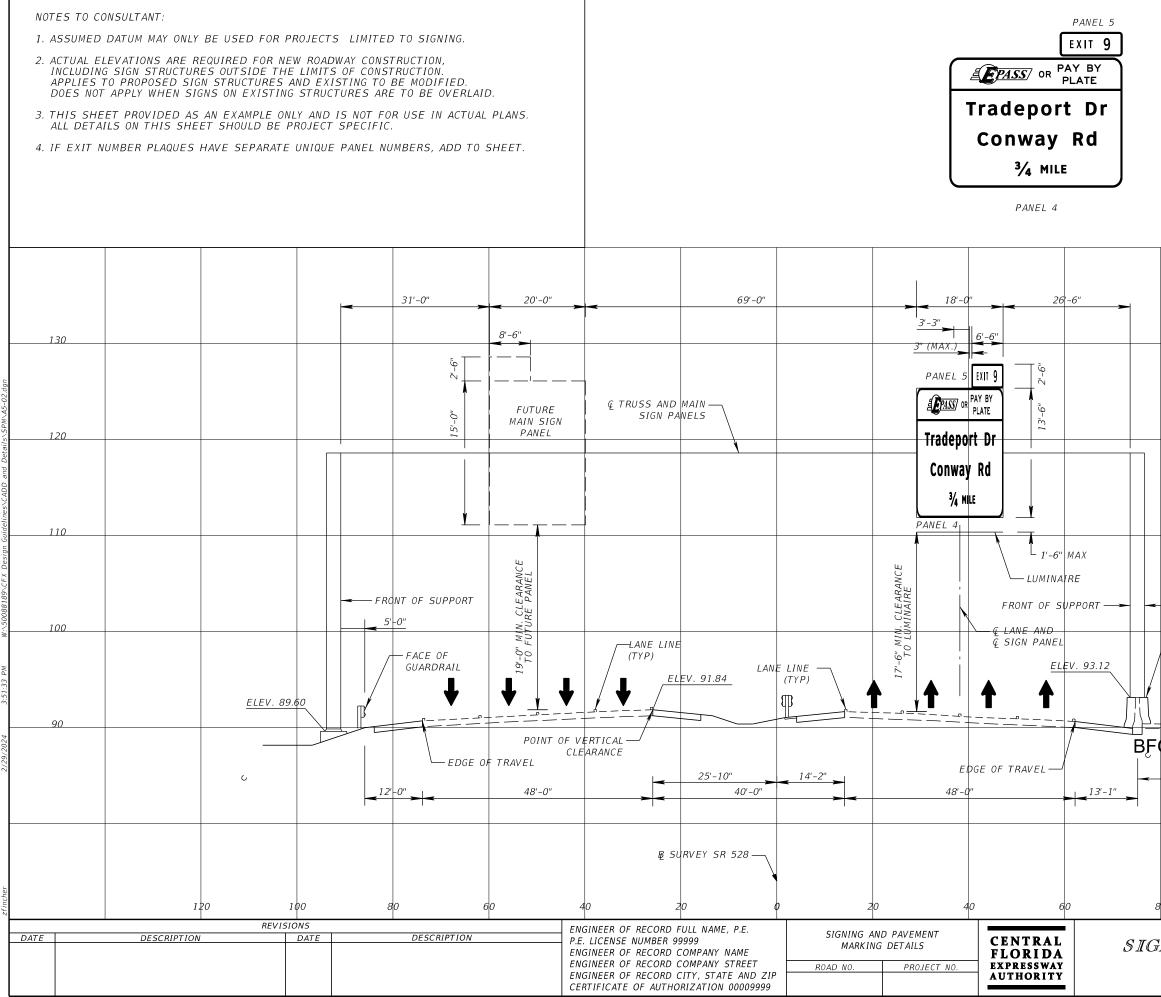






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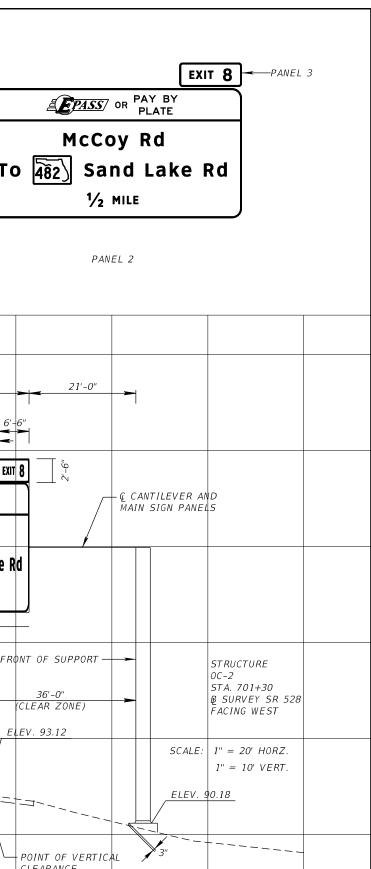


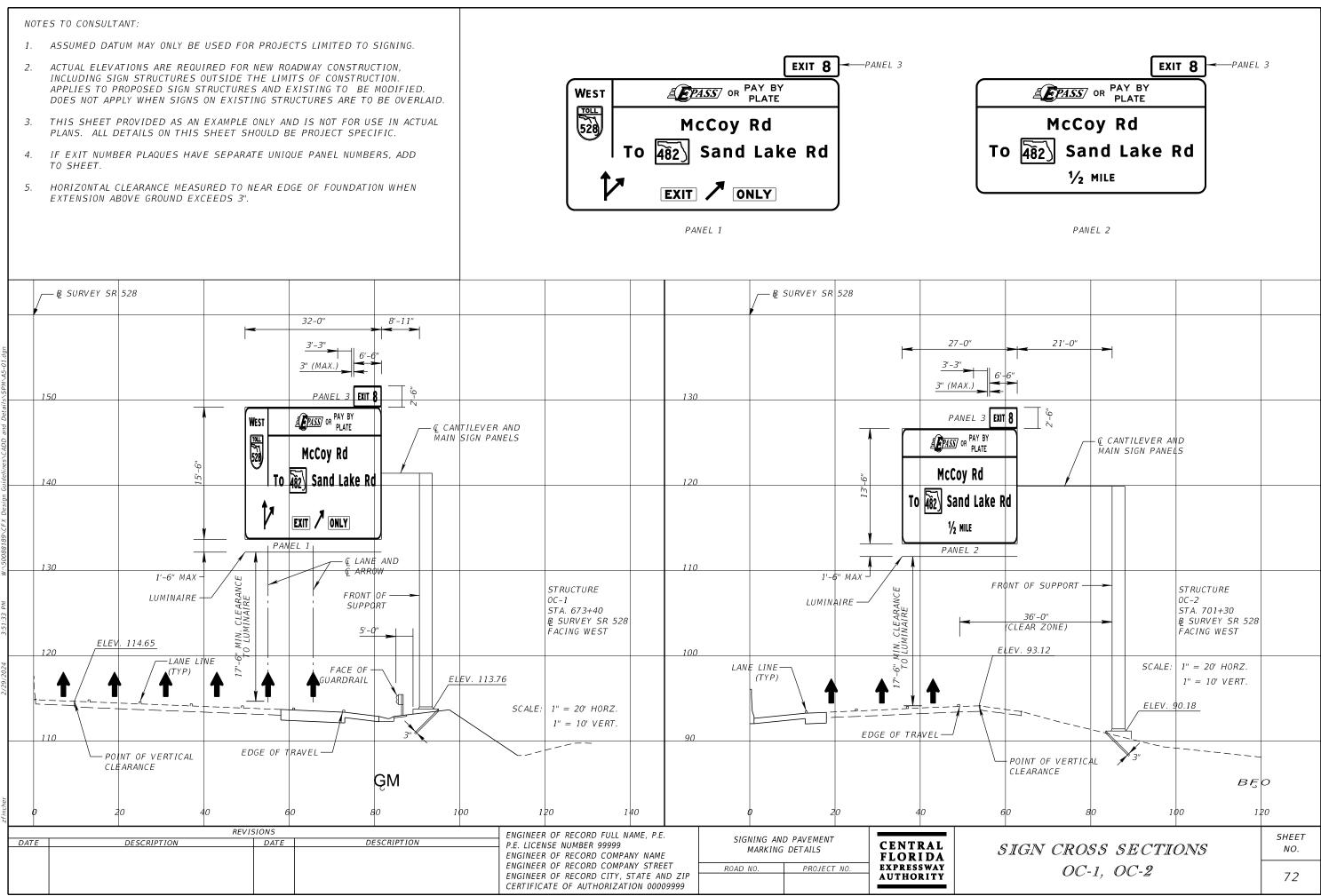


BACK OF SUPPOR	RT		
SIGN SUPPORT PLANS INDEX :	PER STANDARD 521-001		
Center of drill	BFO	STRUCTURE OT-1 STA. 741+20 ₽ SURVEY SI FACING WES	R 528
80 10	SCALE:	1" = 20' HOF 1" = 10' VEF	
GN CROSS SECTIONS OT-1			sheet NO. 71

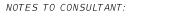
- INCLUDING SIGN STRUCTURES OUTSIDE THE LIMITS OF CONSTRUCTION. APPLIES TO PROPOSED SIGN STRUCTURES AND EXISTING TO BE MODIFIED.
- PLANS. ALL DETAILS ON THIS SHEET SHOULD BE PROJECT SPECIFIC.
- TO SHEET.
- 5. HORIZONTAL CLEARANCE MEASURED TO NEAR EDGE OF FOUNDATION WHEN EXTENSION ABOVE GROUND EXCEEDS 3".







	PANEL LOCATION				PANEL 2		PANEL 1		STATION	DESCRIPTION	STRUCTURE		
ـــــم ۱	(G)	(F)	(E)	(D)	(C)	(B)	DIMENSION	NO.	DIMENSION	NO.			NUMBER
LUMINAIRE F	8'-3"	8'-3"	9'-9''	8'-3"	28'-3"	52'-9"	21'-6" X 18'-0"	105B	21'-6" X 7'-0"	105A	1238+75	SPAN	0T-2
OR BOTTOM (WALKWAY SU													
						69'-6"			19'-6" X 9'-0"	170	1478+43	SPAN	OT-17
HIGH POINT OF ROADWAY													
·													



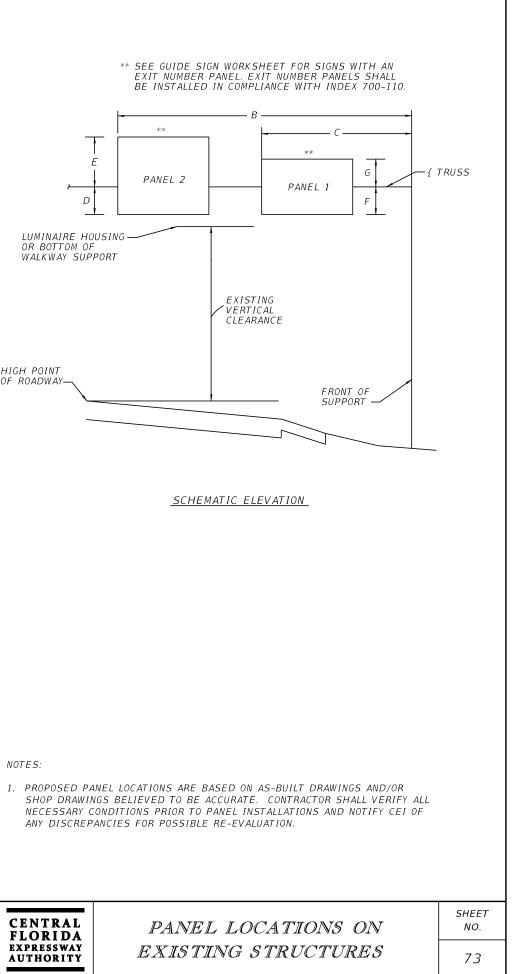
1. OT-2 AND OT-17 SHOWN FOR EXAMPLE PURPOSES ONLY.

2. ADD OR DELETE NOTES AND/OR COLUMNS, AS NECESSARY FOR SPECIFIC PROJECT.

- 3. ADD PAY ITEM NOTE(S) ON APPROPRIATE SHEET ADDRESSING ITEMS 2 AND 3 IN NOTES ON THIS SHEET.
- 4. REMOVE BOX WITH NOTES PRIOR TO INCLUDING SHEET IN PLANS.

NOTES:

DATE	R DESCRIPTION	EVISIONS DATE	DESCRIPTION	ENGINEER OF RECORD FULL NAME, P.E. P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999		D PAVEMENT G DETAILS	CENTRAL FLORIDA	PAN
					ROAD NO.	PROJECT NO.	EXPRESSWAY AUTHORITY	EXIS



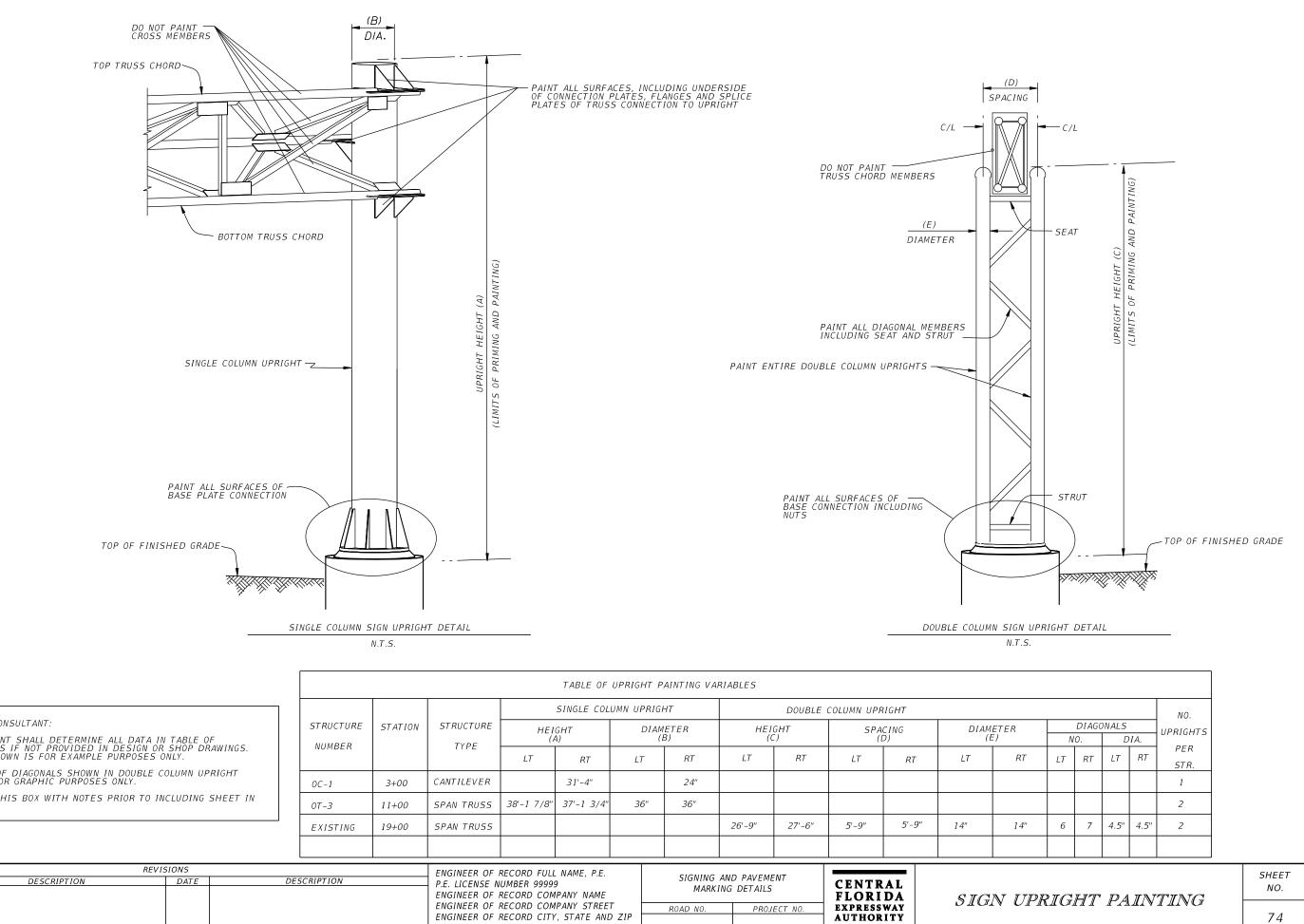
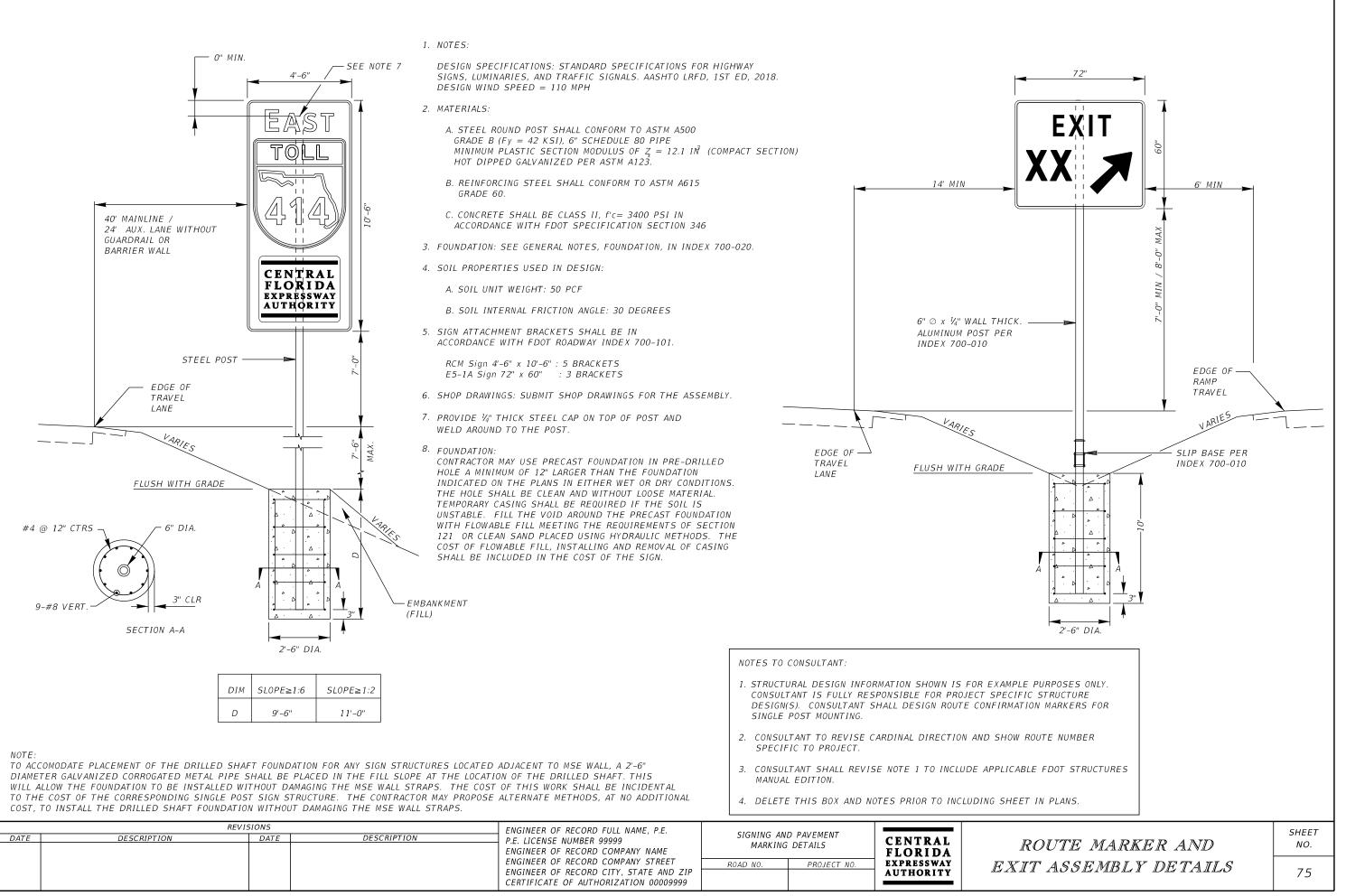
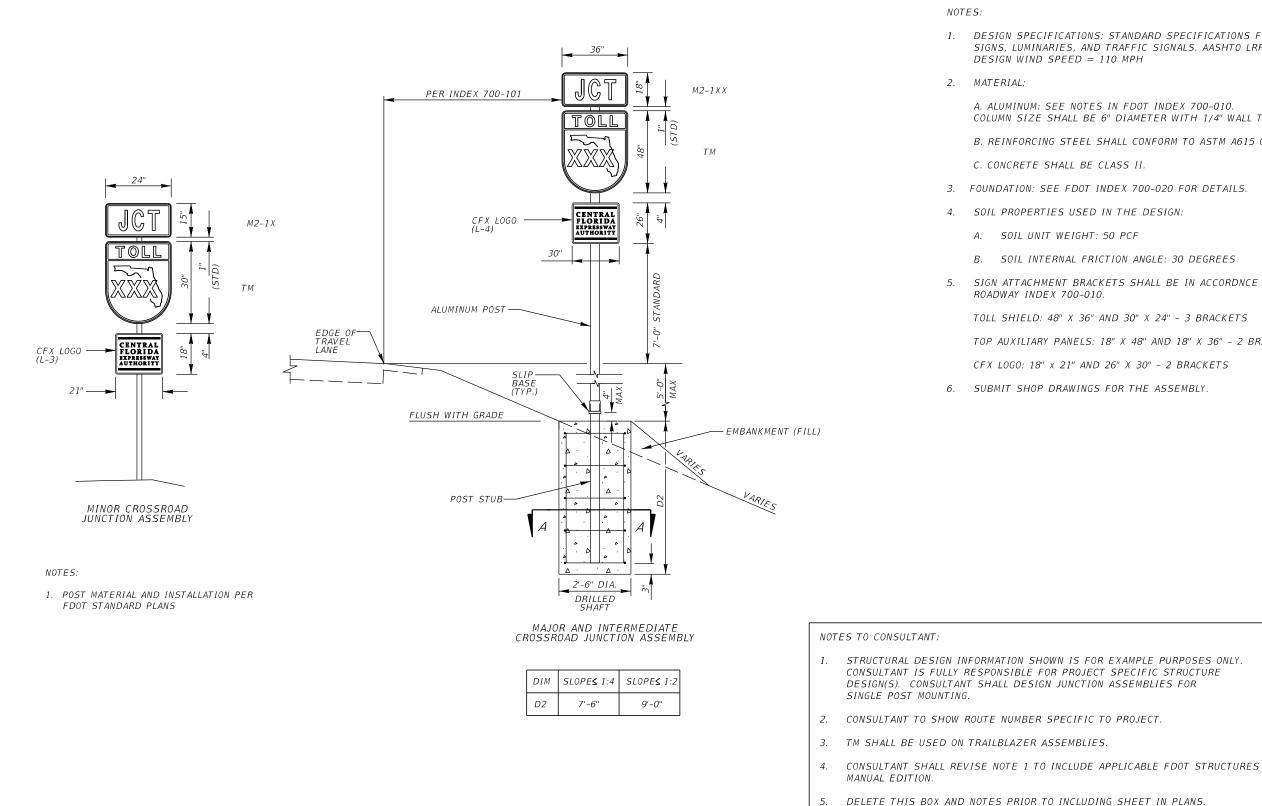


							TABLE OF	UPRIGHT	PAINTING VA	RIABLES					
							SINGLE COLU	JMN UPRI	GHT		DOUBLE	COLUMN UP	RIGHT		
	NOTES TO CONSULTANT: 1. CONSULTANT SHALL DETERMINE ALL DATA IN TABLE OF VARIABLES IF NOT PROVIDED IN DESIGN OR SHOP DRAWINGS.	ABLE OF	STRUCTURE	STATION	STRUCTURE		GHT A)	DIA	AMETER (B)	HE	IGHT C)		ACING D)	DIAM (1ETE E)
	 VARIABLES IF NOT PROVIDED IN DESIGN OR SHOP DRAWINGS. DATA SHOWN IS FOR EXAMPLE PURPOSES ONLY. 2. NUMBER OF DIAGONALS SHOWN IN DOUBLE COLUMN UPRIGHT DETAIL FOR GRAPHIC PURPOSES ONLY. 		NUMBER		TYPE	LT	RT	LT	RT	LT	RT	LT	RT	LT	
			0C-1	3+00	CANTILEVER		31'-4"		24"						
3	3. DELETE THIS BOX WITH NOTES PRIOR TO INCLUDING SHEET IN PLANS.	0T-3	11+00	SPAN TRUSS	38'-1 7/8"	37'-1 3/4"	36"	36"							
			EXISTING	19+00	SPAN TRUSS					26'-9"	27'-6"	5'-9"	5'-9"	14"	
DATE	REVISIO DESCRIPTION		DESCRIPTION H		ENGINEER OF RECORD FULL NAME, P.E. P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIF		ZIP		AND PAVEMENT KING DETAILS PROJECT NO.		CENTRAL FLORIDA EXPRESSWAY AUTHORITY		SIG	N	
					CERTIFICATE (DF AUTHORIZ	ATION 00009	999							





1. DESIGN SPECIFICATIONS: STANDARD SPECIFICATIONS FOR HIGHWAY SIGNS, LUMINARIES, AND TRAFFIC SIGNALS. AASHTO LRFD, 1ST ED, 2018

A. ALUMINUM: SEE NOTES IN FDOT INDEX 700-010. COLUMN SIZE SHALL BE 6" DIAMETER WITH 1/4" WALL THICKNESS.

B. REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.

3. FOUNDATION: SEE FDOT INDEX 700-020 FOR DETAILS.

B. SOIL INTERNAL FRICTION ANGLE: 30 DEGREES

SIGN ATTACHMENT BRACKETS SHALL BE IN ACCORDNCE WITH FDOT

TOLL SHIELD: 48" X 36" AND 30" X 24" - 3 BRACKETS

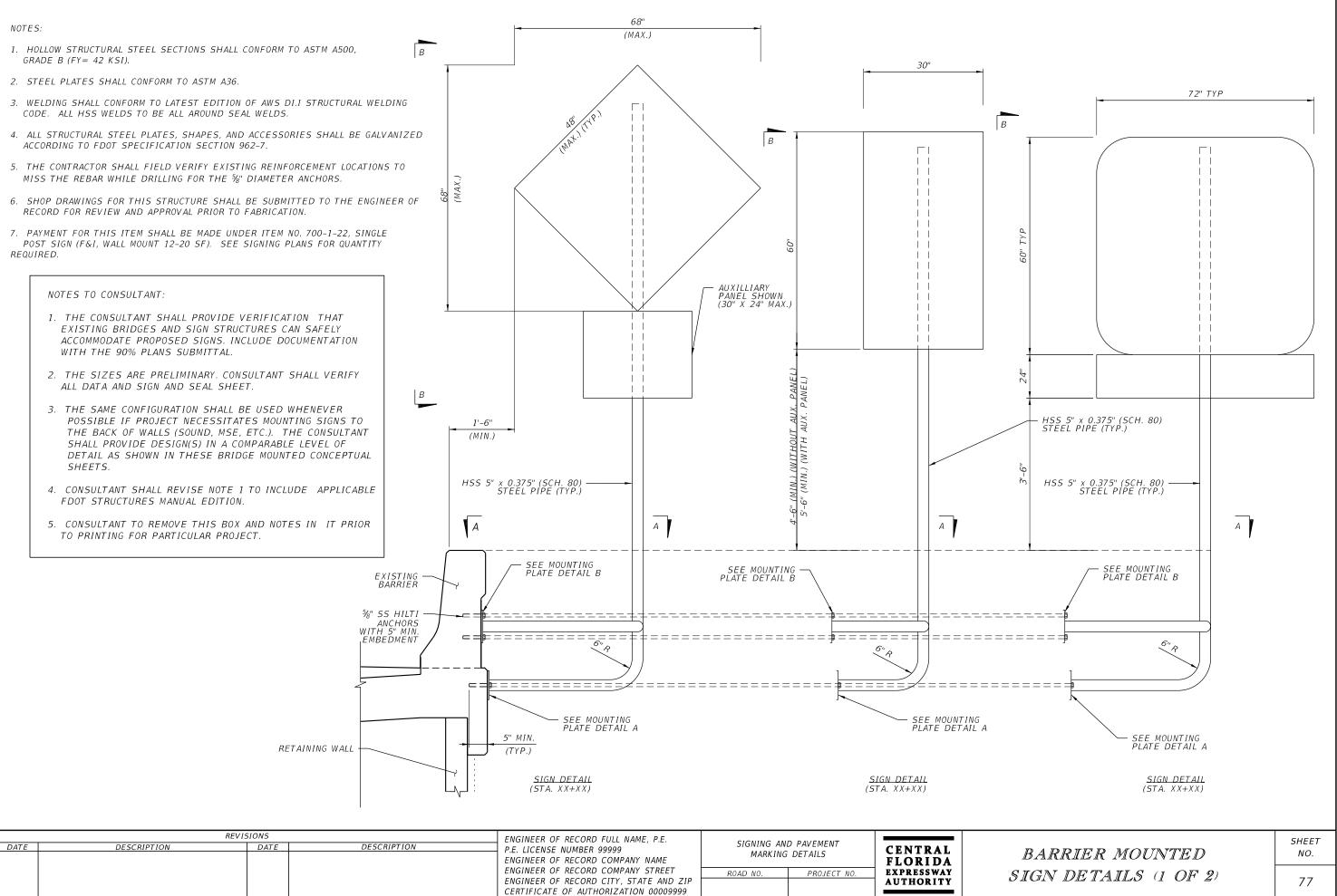
TOP AUXILIARY PANELS: 18" X 48" AND 18" X 36" - 2 BRACKETS

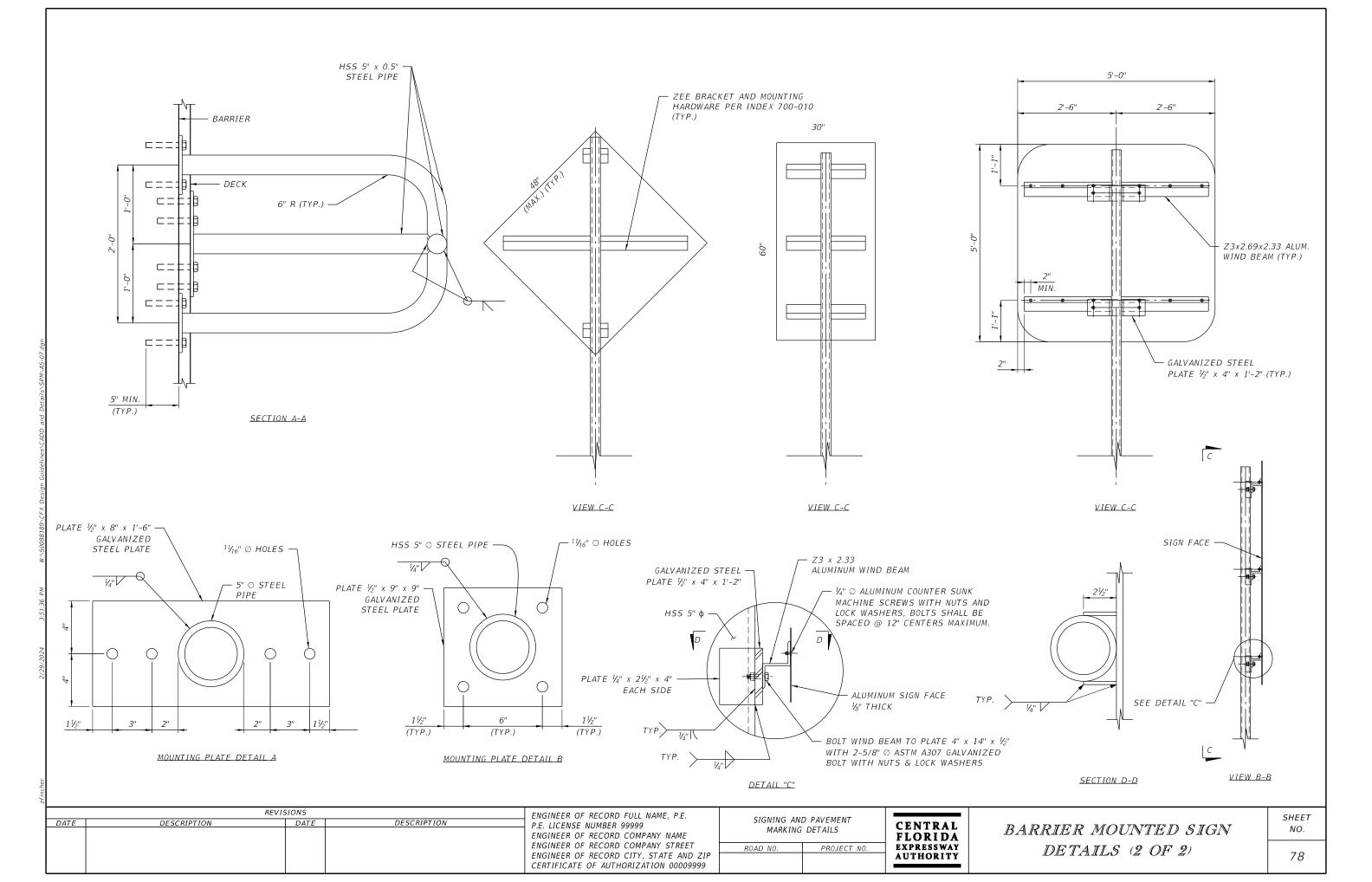
CFX LOGO: 18" x 21" AND 26" X 30" - 2 BRACKETS

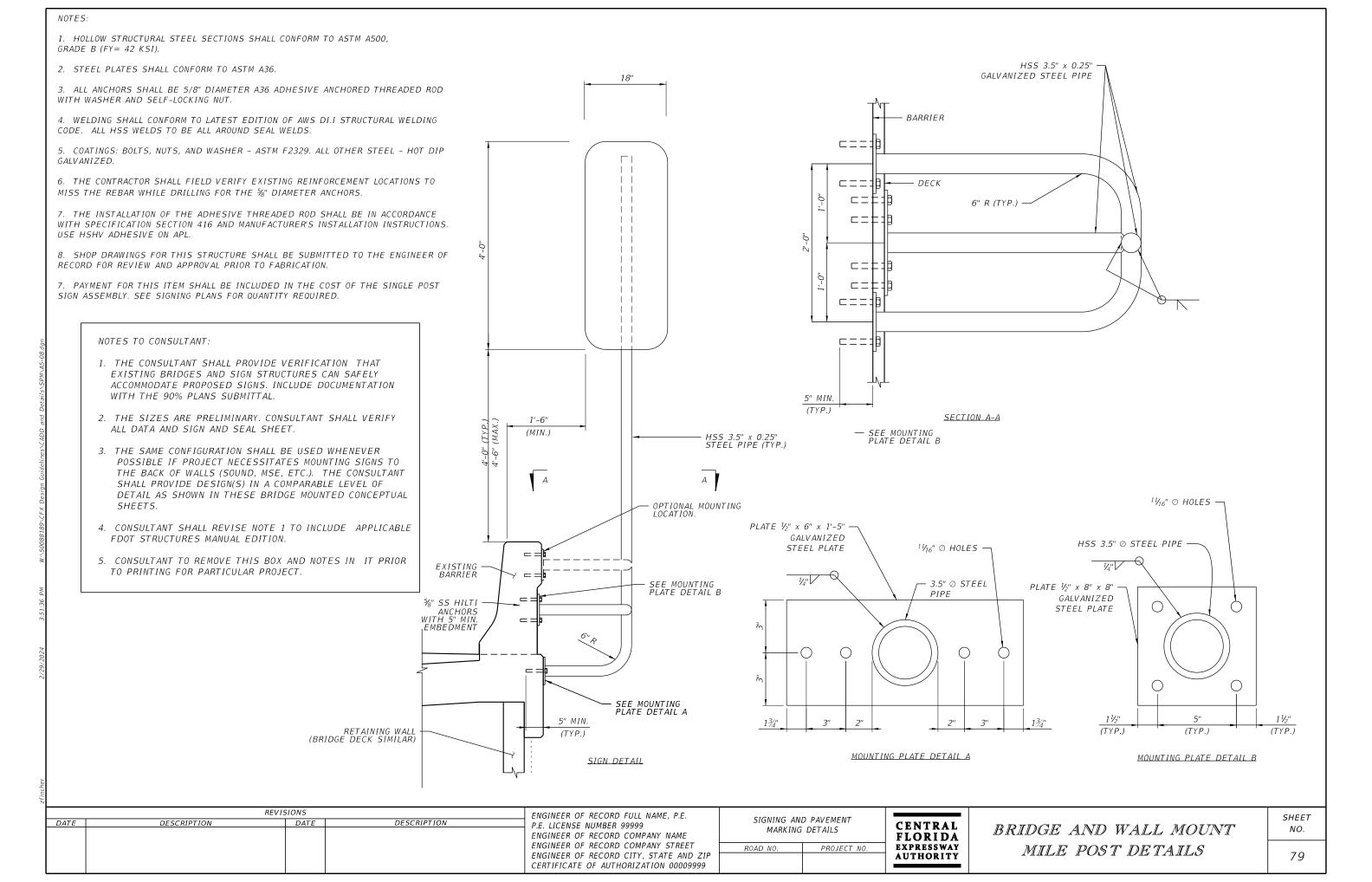
ILBLAZER ASSEMBLY -	
ALUMINUM	

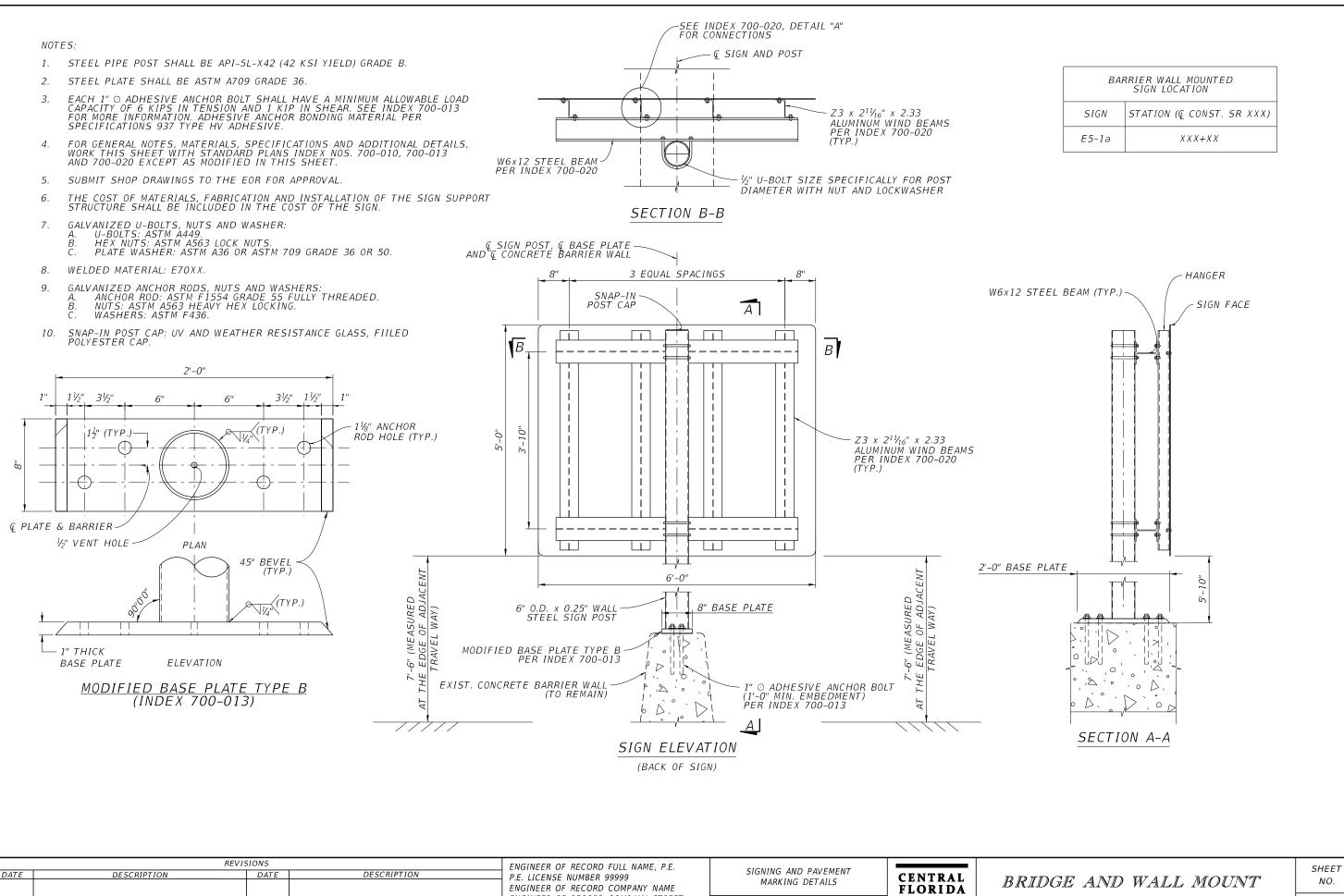
SHEET NO.

76





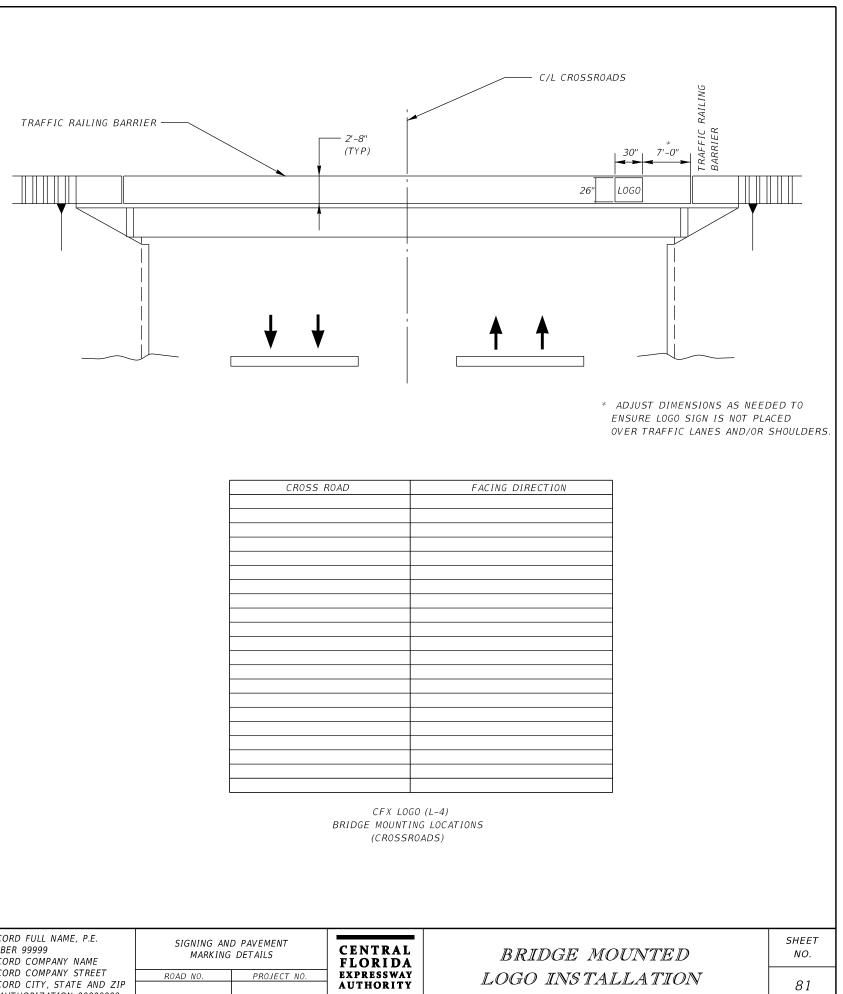




DATE	REV DESCRIPTION	ISIONS DATE	DESCRIPTION	ENGINEER OF RECORD FULL NAME, P.E. P.E. LICENSE NUMBER 99999	SIGNING AND PAVEN MARKING DETAIL	S CENTRAL	BRIDGE AND WALL MOU
				ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	ROAD NO. PRO	DJECT NO. FLORIDA EXPRESSWAY AUTHORITY	EXIT GORE SIGN

NO.

80



NOTES TO CONSULTANT:

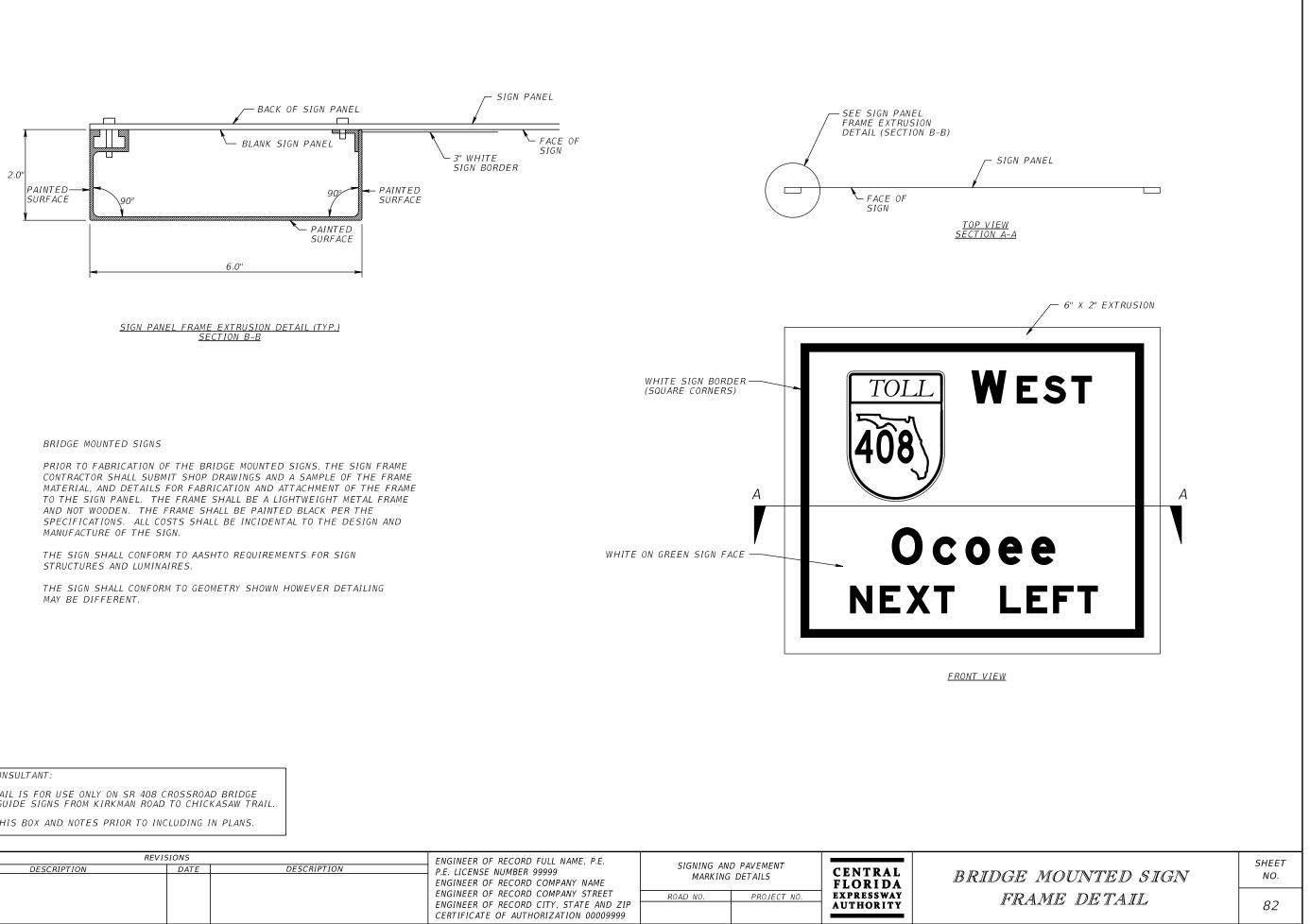
- 1. CFX LOGO AND CROSSROAD STREET NAME PANELS SHALL BE DESIGNED BY THE CONTRACTOR.
- 2. IF BRIDGE MOUNTED LOGO (L-4) IS THE ONLY CFX LOGO TO BE INSTALLED WITHIN PROJECT LIMITS, THE DETAIL OF LOGO L-4 AND APPLICABLE NOTES SHALL BE SHOWN ON THIS SHEET.
- 3. BRIDGE MOUNTED LOGO (L-4) IS TO BE INSTALLED ON OVERPASS BRIDGES ONLY. NOT TO BE USED ON BRIDGES WHERE AN INTERCHANGE EXISTS.
- 4. DELETE BOX WITH NOTES PRIOR TO INCLUDING SHEET IN PLANS.

GENERAL NOTES

- 1. LOGO (L-4) SHALL BE USED AT ALL BRIDGE MOUNTING LOCATIONS.
- 2. PANEL SHALL BE MOUNTED FLUSH WITH BARRIER. CONTRACTOR SHALL BE RESPONSIBLE FOR MOUNTING AND SHALL SUBMIT SHOP DRAWINGS TO THE SIGNING AND PAVEMENT MARKING PLANS EOR AND CFX 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 CFX SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 5. LOGO INSTALLATION TO BE PAID PER EACH UNDER ITEM NO. 700-4-140

CROSS ROAD	FACING

	REVI		ENGINEER OF RECORD FULL NAME, P.E.	SIGNING AN	D PAVEMENT			
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		G DETAILS	CENTRAL FLORIDA	IB I
				ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	ROAD NO.	PROJECT NO.	EXPRESSWAY AUTHORITY	LOG



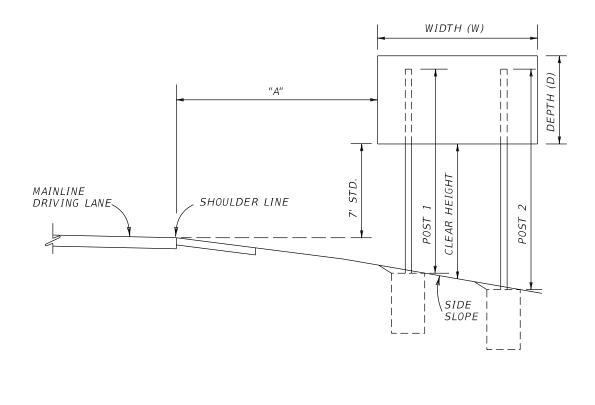
NOTES TO CONSULTANT:	
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1. THIS DETAIL IS FOR USE ONLY ON SR 408 CROSSROAD BRIDGE MOUNTED GUIDE SIGNS FROM KIRKMAN ROAD TO CHICKASAW TRAIL.

2. DELETE THIS BOX AND NOTES PRIOR TO INCLUDING IN PLANS.

	REV	ENGINEER OF RECORD FULL NAME, P.E.	ID PAVEMENT				
DATE	DESCRIPTION	DATE	DESCRIPTION	P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	 D PAVEMENT G DETAILS PROJECT NO.	CENTRAL FLORIDA EXPRESSWAY AUTHORITY	BRIL

			М	ULTI-A	POST SIG	N DATA		
SIGN NO.	SIGN SIZE (D x W) (ft)	SIDE SLOPE (RISE:RUN)	CLEAR HEIGHT (ft)	NO. OF POSTS	AVERAGE LENGTH OF POSTS (ft)	STEEL POSTS	HORIZONTAL CLEARANCE (A) (ft)	HORIZONTAL CLEARENCE NOTES



TYPICAL SECTION FOR PLACEMENT OF MULTI-POST SIGNS

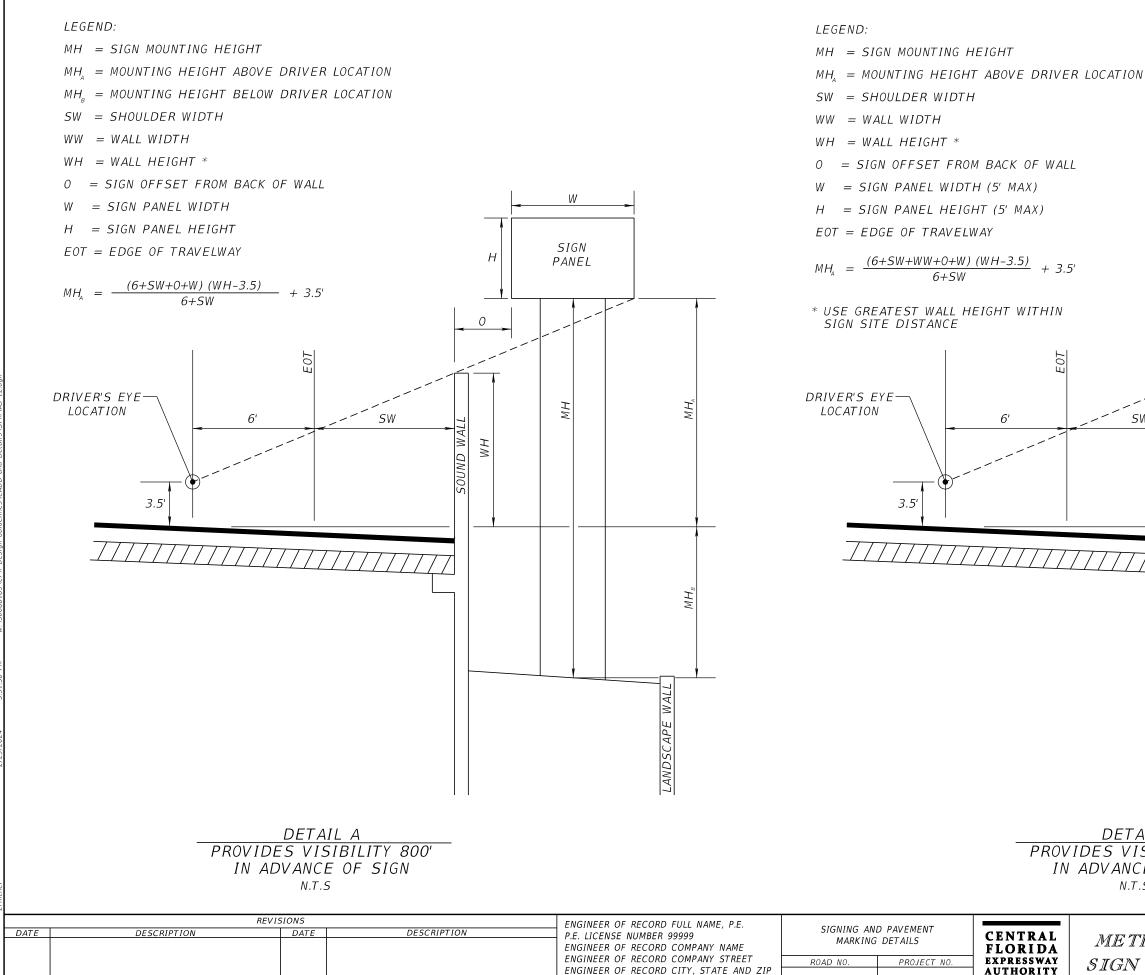
NOTES:

- 1. FOR ADDITIONAL DETAILS AND NOTES SEE FDOT STANDARD PLANS NOS. 700-020 AND 700-101.
- 2. AUXILIARY SIGN PANELS ARE ATTACHED IN ACCORDANCE WITH FDOT STANDARD PLANS NO. 700-110. 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 AND ALUMINUM BEAMS.

DATE	REVISIONS DESCRIPTION DATE		DESCRIPTION	ENGINEER OF RECORD FULL NAME, P.E. P.E. LICENSE NUMBER 99999 ENGINEER OF RECORD COMPANY NAME		D PAVEMENT DETAILS	CENTRAL FLORIDA	M
				ENGINEER OF RECORD COMPANY NAME ENGINEER OF RECORD COMPANY STREET ENGINEER OF RECORD CITY, STATE AND ZIP CERTIFICATE OF AUTHORIZATION 00009999	ROAD NO.	PROJECT NO.	EXPRESSIVATION AUTHORITY	TAB

MULTI-POST SIGN ABLE OF VARIABLES SHEET NO.

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CERTIFICATE OF AUTHORIZATION 00009999

N.T.S

