

LEE COUNTY  
DEPARTMENT OF TRANSPORTATION

BIG CARLOS PASS BRIDGE

PROJECT No: CN160002  
(FEDERAL FUNDS)

ETDM No: 14301

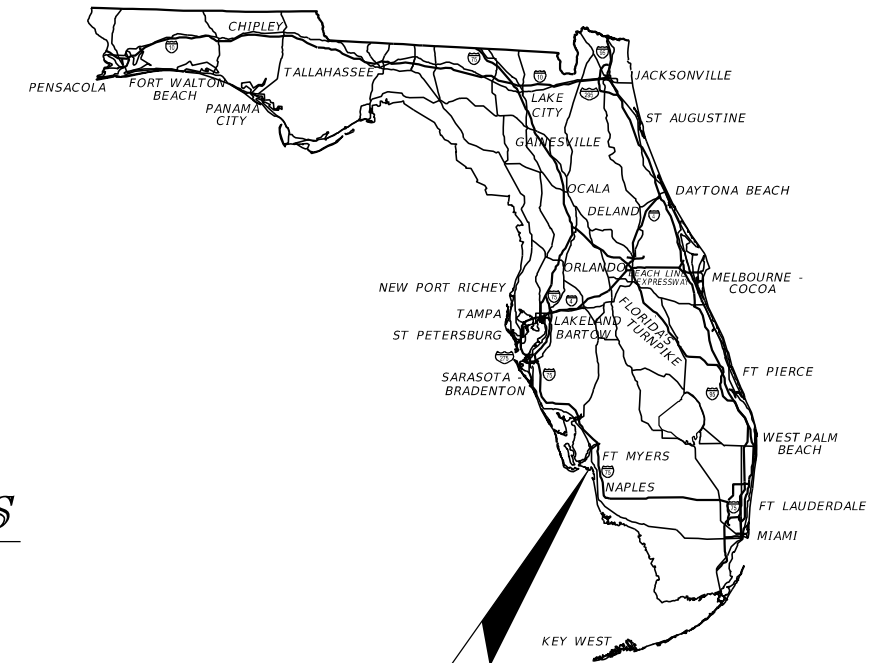
LEE COUNTY

COUNTY ROAD NO. 865 (ESTERO BOULEVARD)

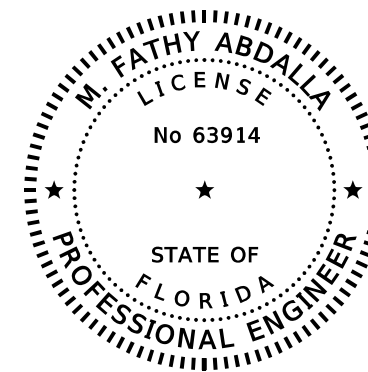
SIGNING & PAVEMENT MARKINGS PLANS

INDEX OF SIGNING AND  
PAVEMENT MARKINGS PLANS

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PROJECT LOCATION  
<https://goo.gl/maps/qEgCgBkBYfuLdJQ36>



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY

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

**SIGNING & PAVEMENT  
MARKINGS PLANS**

**ENGINEER OF RECORD:**

M. FATHY ABDALLA, P.E.  
P.E. NO.: 63914  
KISINGER CAMPO & ASSOCIATES CORP.  
201 N. FRANKLIN STREET, SUITE 400  
TAMPA, FL 33602  
PHONE: (813) 871-5331  
CONTRACT NO.: C-7533  
VENDOR NO.: 59-1677145

**LDOT PROJECT MANAGER:**

THOMAS J. MARQUARDT, P.E.



SHEET  
NO.

S-1

TABULATION OF QUANTITIES


PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S-5		S-6		S-7		S-8		S-9		S-10		S-11		PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL						
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF																		
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF																		
632-7-1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI																		
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA																		
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS																		
654-2-18	MIDBLOCK CROSSWALK: REC RAPID FLASHING BEACON, FURNISH/INSTALL- AC, SIGN ASSEMBLY- BACK-BACK ACCESSIBLE DETECTOR	AS	2														2			
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	9												6		15			
700-1-21	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871/700-013 UP TO 12 SF	AS		4									6				10			
700-1-60	SINGLE POST SIGN, REMOVE	AS	6	18								14	7	3			48			
700-2-13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS		2													2			
700-2-60	MULTI- POST SIGN, REMOVE	AS	1	3			4		1		1		1				11			
700-3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	1											1			2			
705-10-3	OBJECT MARKER, TYPE 3	EA			1										1		2			
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	43		57		30		30		30		92		113		395			
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS																		
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 6"	GM	0.298		0.110							0.004	0.635	0.844		1.891				
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	159									44		80		283				
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	94											33		127				
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.088		0.015								0.011	0.112		0.226				
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE	EA	4											2		6				
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	4		1									10		15				
*	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.018											0.042		0.060				
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID 6"	GM	0.377		0.166							0.002	0.537	0.646		1.727				
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	118		58									83		259				
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	0.076													0.076				
*	PAINTED PAVEMENT MARKINGS, STANDARD, BLUE, 6"	LF																		
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	159									44		80		283				
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID 24" FOR STOP LINE OR CROSSWALK	LF	94											33		127				
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.088		0.015								0.011	0.112		0.226				
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	4											2		6				
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	4		1									10		15				
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.018											0.042		0.060				
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	118		58									83		259				
711-11-421	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	LF																		
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	70									24		60		154				
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	4		2								2	3		11				
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	4		2								2	3		11				
711-14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA					2		4		2					8				
711-14-570	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST, ARROW ON CONCRETE SURFACE	EA					2		4		2					8				
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID 6"	GM	0.298		0.110							0.004	0.635	0.844		1.891				
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.377		0.166							0.002	0.537	0.646		1.727				
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.076													0.076				
713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM			0.253		0.455		0.454		0.454		0.100			1.716				
713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM			0.146		0.227		0.227		0.227		0.050			0.877				
715-4-70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA											2			2				

\* These quantities are paid for under Painted Pavement Markings (Final Surface), Lump Sum - Item No. 710-90. The quantities shown are for one application; see Specification 710 for the number of applications required. Lump Sum - Item No. 710-90.

PAY ITEM NOTES:

635-2-12: REFER TO SECTION 3 OF "LEE COUNTY DEPARTMENT OF TRANSPORTATION PLAN SPECIFICATIONS FOR SIGNAL & STREET LIGHTING" FOR THE APPROVED DIMENSIONS OF SIGNAL PULL BOXES.

654-2-18: PROPOSED RECTANGULAR RAPID FLASHING BEACONS MUST BE THE CARMANAH SC315-G RRFB FOR THE PURPOSE OF RELIABILITY, INTERCHANGEABILITY, AND MAINTENANCE CONSIDERATIONS. REFER TO THE APPROVED PROPRIETARY PRODUCT CERTIFICATION FOR THE SPECIFICATIONS.

REVISIONS				 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: M. Fathy Abdalla, P.E. P.E. No.: 63914	LEE COUNTY DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					CR 865	LEE	CN160002		

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

TABULATION OF QUANTITIES


PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		GRAND TOTAL	
			S-12		S-13		S-14											
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
630-2-11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF					162									162	162	
630-2-12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF					50									50	50	
632-7-1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI					1									1	1	
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA					3									3	3	
639-1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS					1									1	1	
654-2-18	MIDBLOCK CROSSWALK: REC RAPID FLASHING BEACON, FURNISH/INSTALL- AC, SIGN ASSEMBLY- BACK-BACK ACCESSIBLE DETECTOR	AS															2	
700-1-11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	7		3											10	25	
700-1-21	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871/700-013 UP TO 12 SF	AS															10	
700-1-60	SINGLE POST SIGN, REMOVE	AS	1													1	49	
700-2-13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS															2	
700-2-60	MULTI- POST SIGN, REMOVE	AS															11	
700-3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA															2	
705-10-3	OBJECT MARKER, TYPE 3	EA															2	
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	78													78	473	
710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS															1	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID 6"	GM	0.337													0.337	2.229	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF															283	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF															127	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.135													0.135	0.361	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE	EA	2													2	8	
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	8													8	23	
*	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM															0.060	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID 6"	GM	0.245													0.245	1.973	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	52													52	311	
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM															0.076	
*	PAINTED PAVEMENT MARKINGS, STANDARD, BLUE, 6"	LF			108											108	108	
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF															283	
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID 24" FOR STOP LINE OR CROSSWALK	LF															127	
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.135													0.135	0.361	
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	2													2	8	
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	8													8	23	
711-11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM															0.060	
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	52													52	311	
711-11-421	THERMOPLASTIC, STANDARD, BLUE, SOLID, 6"	LF			108											108	262	
711-14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF															154	
711-14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	3		3											6	17	
711-14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	3													3	14	
711-14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA															8	
711-14-570	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST, ARROW ON CONCRETE SURFACE	EA															8	
711-16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID 6"	GM	0.337		0.028											0.365	2.257	
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.245													0.245	1.973	
711-16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM															0.076	
713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM															1.716	
713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM															0.877	
715-4-70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA															2	

\* These quantities are paid for under Painted Pavement Markings (Final Surface), Lump Sum - Item No. 710-90. The quantities shown are for one application; see Specification 710 for the number of applications required. Lump Sum - Item No. 710-90.

PAY ITEM NOTES:

635-2-12: REFER TO SECTION 3 OF "LEE COUNTY DEPARTMENT OF TRANSPORTATION PLAN SPECIFICATIONS FOR SIGNAL & STREET LIGHTING" FOR THE APPROVED DIMENSIONS OF SIGNAL PULL BOXES.

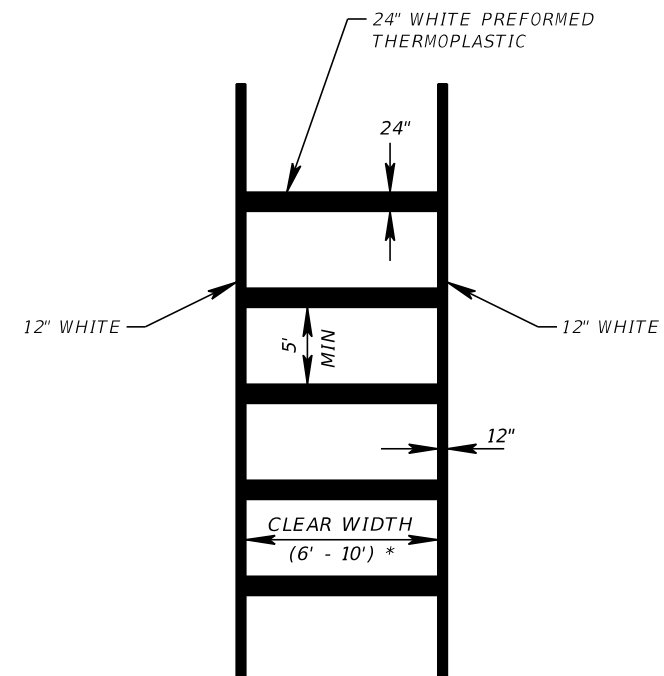
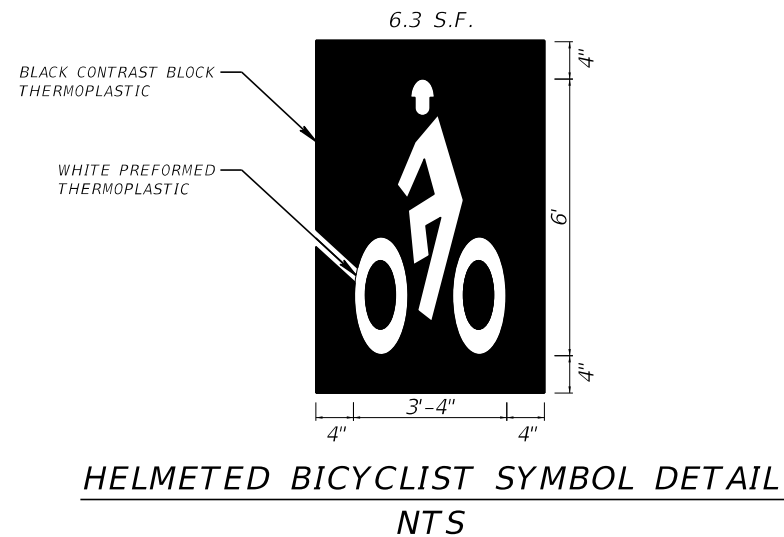
654-2-18: PROPOSED RECTANGULAR RAPID FLASHING BEACONS MUST BE THE CARMANAH SC315-G RRFB FOR THE PURPOSE OF RELIABILITY, INTERCHANGEABILITY, AND MAINTENANCE CONSIDERATIONS. REFER TO THE APPROVED PROPRIETARY PRODUCT CERTIFICATION FOR THE SPECIFICATIONS.

REVISIONS				 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: M. Fathy Abdalla, P.E. P.E. No.: 63914	LEE COUNTY DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES (2)	SHEET NO. S-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					CR 865	LEE	CN160002		

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

GENERAL NOTES

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH, AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
2. CALL SUNSHINE 811 AT 1-800-432-4770 AND THE UTILITY OWNERS TWO FULL BUSINESS DAYS BEFORE BEGINNING WORK. ALL UTILITIES MAY NOT BE MEMBERS OF SUNSHINE 811 AND WILL THEREFORE REQUIRE DIRECT CONTACT.
3. EXISTING SIGN ASSEMBLIES TO BE REMOVED WILL BE PLACED IN AREAS APPROVED BY THE ENGINEER FOR PICK UP BY LCDOT OPERATIONS DIVISION. ANY SIGNS NOT TAKEN BY THE LCDOT OPERATIONS DIVISION WILL BE DISPOSED OF BY THE CONTRACTOR AT THEIR EXPENSE.
4. WHERE FOOTER OR FOUNDATION ARE TO BE INSTALLED BY AUGURING OR DRILLING, SURVEY AND STAKE OR PAINT TO AN ACCURACY OF 0.1 FEET PRIOR TO REQUESTING UTILITY LOCATES. STAKE OR PAINT THE CENTER OF EACH LOCATION CLEARLY LABEL WITH STATION, OFFSET, IDENTIFYING STRUCTURE NUMBER, AND DIAMETER OF EXCAVATION IN INCHES.
5. WHERE AUGERING OR DRILLING, EXCAVATE THE FIRST 4 FEET BY NON MECHANICAL AND NON DESTRUCTIVE MEANS.
6. PAVEMENT MARKINGS ON ASPHALT PAVEMENT SHALL BE STANDARD THERMOPLASTIC EXCEPT FOR SPECIAL EMPHASIS CROSSWALKS. USE PREFORMED THERMOPLASTIC FOR THE LONGITUDINAL STRIPES WITHIN THE SPECIAL EMPHASIS CROSSWALKS. PAVEMENT MARKINGS ON CONCRETE PAVEMENT SHALL BE PERMANENT TAPE. PAVEMENT ARROWS AND MESSAGES ON CONCRETE PAVEMENT SHALL HAVE A BLACK CONTRAST THERMOPLASTIC BLOCK.
7. DECORATIVE WELCOME SIGNS TO BE REMOVED FOR THE TOWN OF FORT MYERS BEACH AND THE CITY OF BONITA SPRINGS SHALL BE DELIVERED TO THE RESPECTIVE LOCAL AGENCY.
8. ADHERE TO REQUIREMENTS IN "LEE COUNTY DEPARTMENT OF TRANSPORTATION PLAN SPECIFICATIONS FOR SIGNAL & STREET LIGHTING", JANUARY 2021. CONTACT LEE COUNTY DEPARTMENT OF TRANSPORTATION (LCDOT) FOR ANY QUESTIONS REGARDING EQUIPMENT OR INSTALLATION REQUIREMENTS. FOLLOW THE FDOT GOVERNING STANDARDS AND SPECIFICATIONS FOR ALL ITEMS NOT COVERED BY LEE COUNTY SPECIFICATIONS.
9. QUALIFICATIONS FOR PERSONNEL SUPERVISING OR PERFORMING WORK INVOLVING ELECTRICAL OR SOLAR POWER TRAFFIC CONTROL DEVICES AND RELATED COMPONENTS (RRFB, FLASHERS, AND SCHOOL FLASHERS) ARE THAT WORK MUST BE PERFORMED BY AN EMPLOYEE OF THE CONTRACTOR THAT HOLDS A CURRENT IMSA TRAFFIC SIGNAL FIELD TECHNICIAN LEVEL II CERTIFICATION OR HIGHER; AND MUST BE PRESENT AT THE FINAL INSPECTION OF THE PROJECT.



\* UNLESS OTHERWISE SPECIFIED IN PLANS.

REVISIONS				<b>KCA</b> 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: M. Fathy Abdalla, P.E. P.E. No.: 63914	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET NO.  S-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.	
					CR 865	LEE	CN160002	

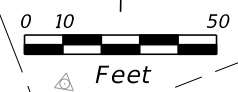
**GENERAL NOTES**

ESTERO BLVD.

RELOCATE EXISTING SIGN  
PANEL ON NEW POST  
700-3-501 1 EA  
STA. 409+94

RECTANGULAR RAPID  
FLASHING BEACON \*  
W11-2  
30" X 30"  
W16-7P  
24" X 12"  
654-2-18 1 AS  
STA. 408+37

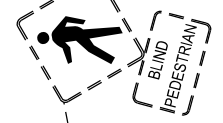
R1-1  
36" X 36"  
700-1-11 1 AS  
STA. 410+22



REMOVE EXIST. SIGN.  
RELOCATE "BLIND PEDESTRIAN"  
PLAQUE TO SIGN ASSEMBLY  
AT STA. 411+22

R1-5  
36" X 36"  
700-1-11 1 AS  
STA. 408+68

R2-1  
30" X 36"  
700-1-11 1 AS  
STA. 409+33



BEGIN CONSTRUCTION  
BEGIN SIGNING &  
PAVEMENT MARKINGS  
C CONST. BIG CARLOS  
STA. 405+00.00

6" DBL. YELLOW  
WITH 2 - Y/Y RPMS

EXIST. R/W

ESTRELLITA DR.

6" DBL. YELLOW  
WITH Y/Y RPMS @ 40'

TO REMAIN

6" WHITE (2'-4' SKIP)  
6" 2-6" WHITE WITH  
W/R RPMS @ 20'

6" WHITE

TO REMAIN

24" WHITE

12" WHITE

6" WHITE (2'-4' SKIP)

24" WHITE  
6" WHITE

18" YELLOW @ 20'

6" YELLOW (6' - 10' SKIP)

EXIST. R/W

405

406

407

408

409

410

411

412

413

414

415

416

6" WHITE  
6" YELLOW (10' - 30' SKIP)

6" WHITE WITH Y/Y RPMS @ 40'

6" WHITE (6' - 10' SKIP)

6" WHITE

124" WHITE

6" WHITE

6" DBL. YELLOW WITH Y/Y RPMS @ 20'

6" WHITE (2'-4' SKIP)

6" WHITE

24" WHITE

6" WHITE WITH W/R RPMS @ 20'

MATCH LINE STA. 411+00



W11-2  
30" X 30"  
W16-9P  
24" X 12"  
700-1-11 1 AS  
STA. 405+12

BEGIN PROJECT  
C CONST. BIG CARLOS  
STA. 408+00.00

R1-5  
36" X 36"  
700-1-11 1 AS  
STA. 407+62

R1-1  
36" X 36"  
700-1-11 1 AS  
STA. 408+09



R2-1  
30" X 36"  
700-1-11 1 AS  
STA. 408+48

R-TROLLEE  
18" X 12"  
700-1-11 1 AS  
STA. 408+80

6" WHITE (2'-4' SKIP)



R1-1  
36" X 36"  
700-1-11 1 AS  
STA. 410+52

6" WHITE WITH W/R RPMS @ 20'

6" DBL. YELLOW WITH Y/Y RPMS @ 40'

RECTANGULAR RAPID  
FLASHING BEACON \*  
W11-2  
30" X 30"  
W16-7P  
24" X 12"  
654-2-18 1 AS  
STA. 408+32

\* SEE SHEET S-14 FOR ELECTRICAL DETAILS FOR AC POWERED RRFB

ALL EXISTING SIGNS WITHIN THE PROJECT  
LIMITS ARE TO BE REMOVED UNLESS  
OTHERWISE NOTED IN THE PLANS

700-1-60 6 AS  
700-2-60 1 AS  
THIS SHEET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

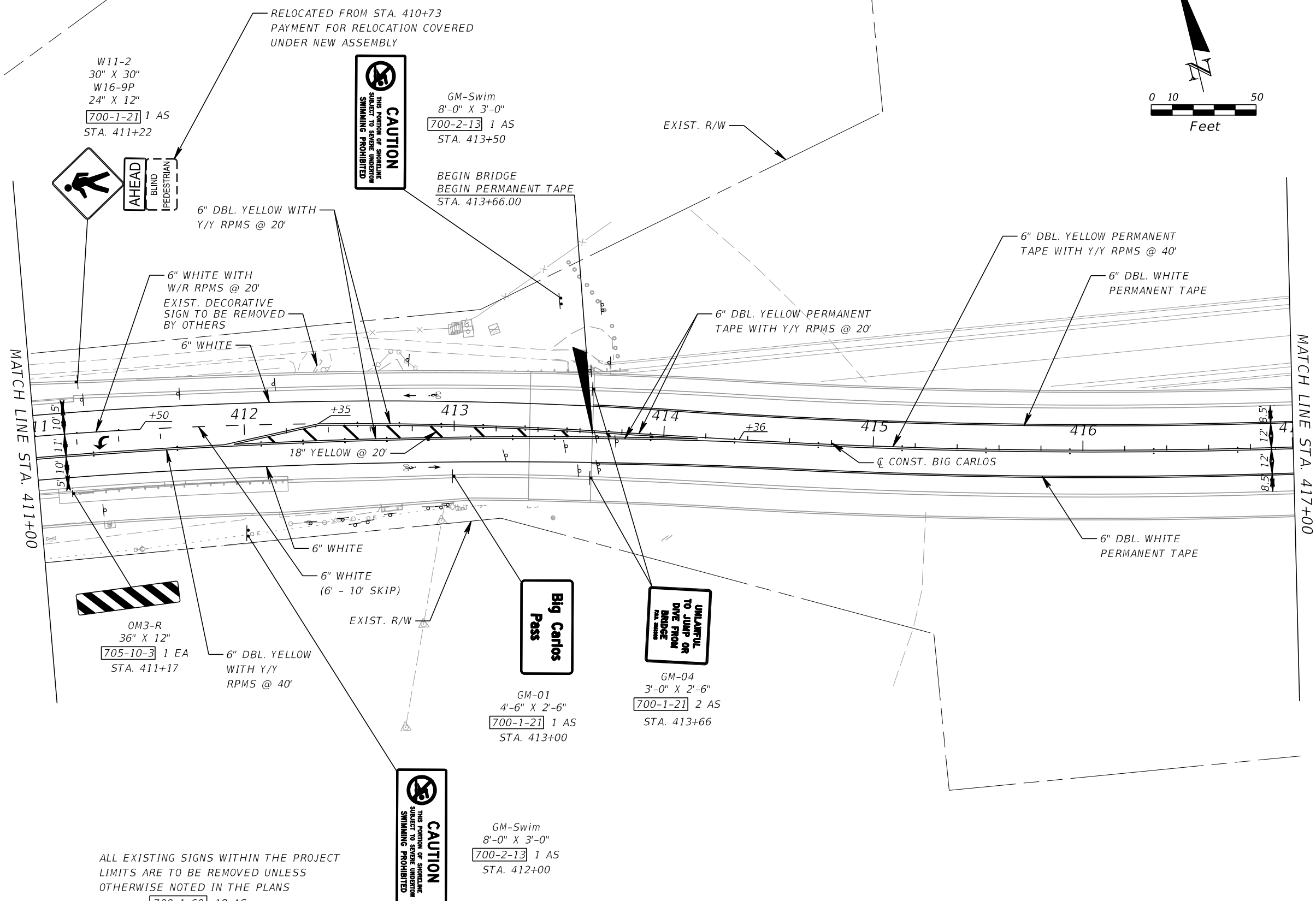
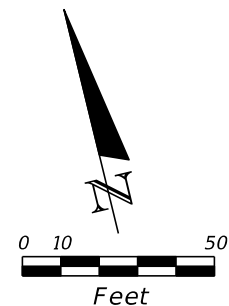
**KCA**  
KISINGER CAMPO & ASSOCIATES  
201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Engineer of Record: M. Fathy Abdalla, P.E.  
P.E. No.: 63914

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	PROJECT NO.
CR 865	LEE	CN160002

**SIGNING & PAVEMENT  
MARKING PLAN (1)**

SHEET NO.
S-5

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



ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REMOVED UNLESS OTHERWISE NOTED IN THE PLANS  
 700-1-60 18 AS  
 700-2-60 3 AS  
 THIS SHEET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA** 201 N. Franklin Street, Suite 400  
 Tampa, Florida 33602  
 KISINGER CAMPO Engineer of Record: M. Fathy Abdalla, P.E.  
 & ASSOCIATES P.E. No.: 63914

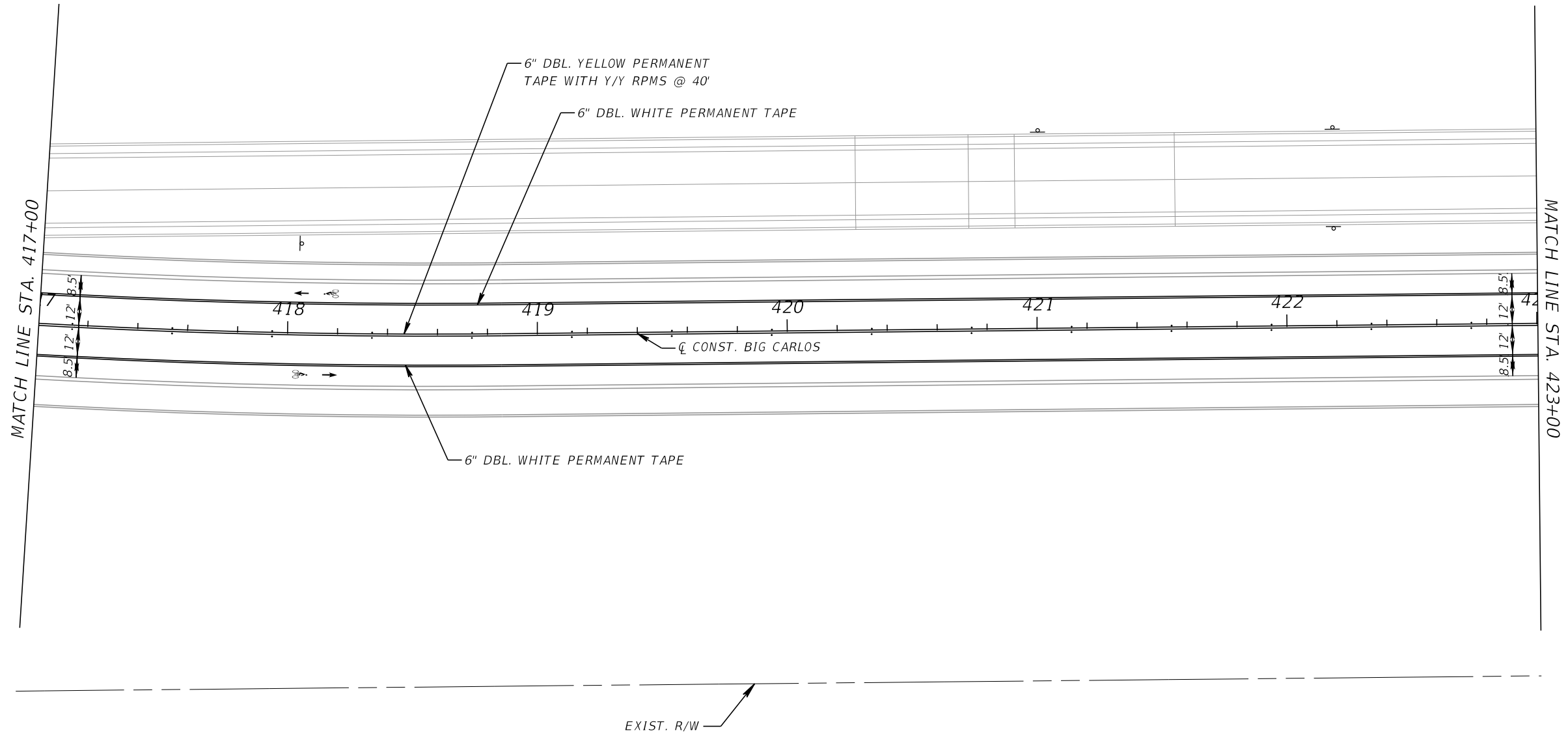
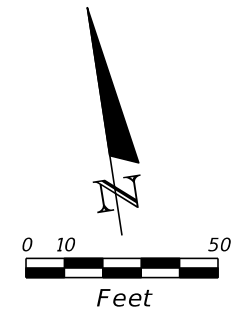
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	PROJECT NO.
CR 865	LEE	CN160002

**SIGNING & PAVEMENT  
 MARKING PLAN (2)**

SHEET NO.
S-6

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

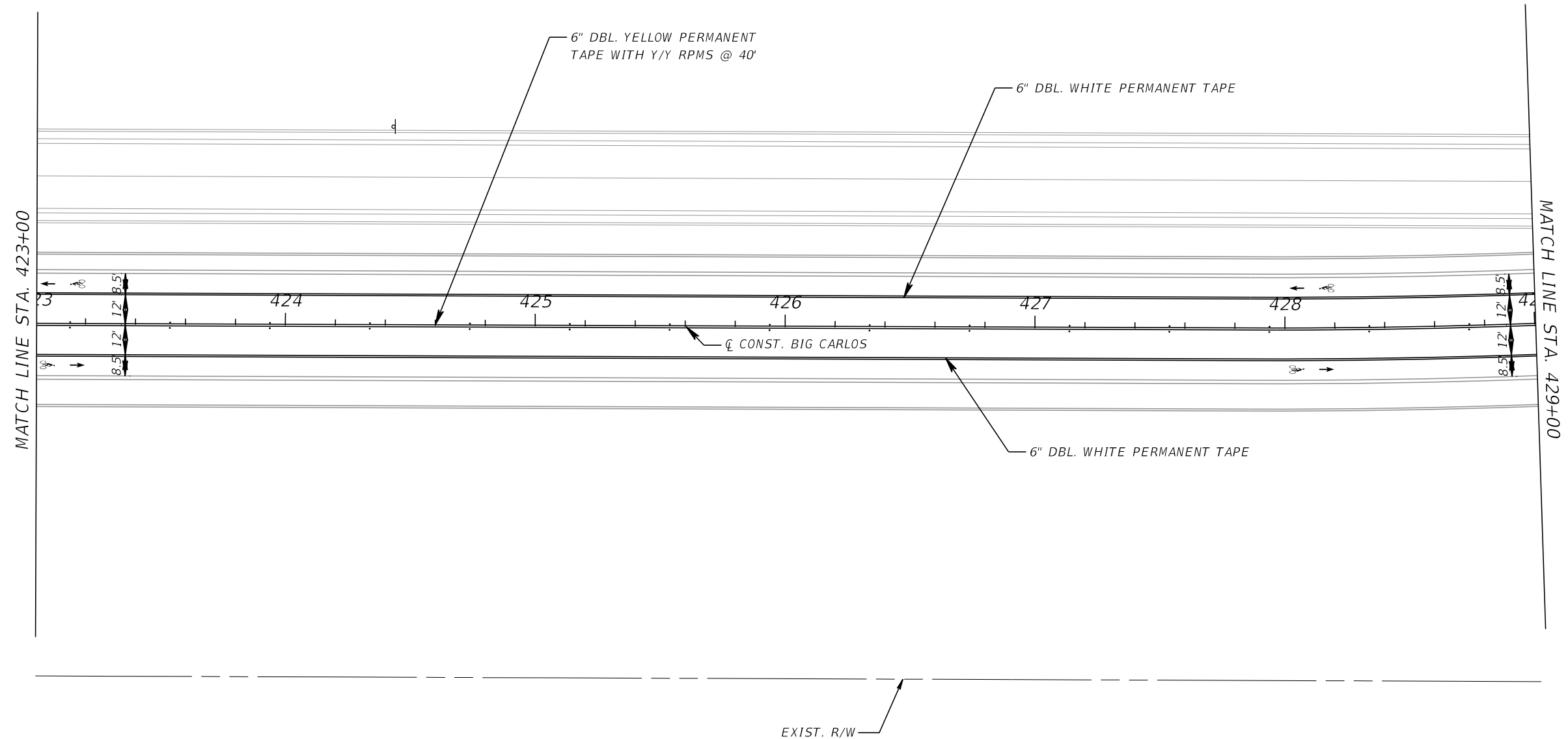
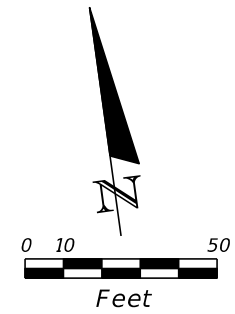
ESTERO BLVD.



ALL EXISTING SIGNS WITHIN THE PROJECT  
LIMITS ARE TO BE REMOVED UNLESS  
OTHERWISE NOTED IN THE PLANS  
700-1-60 4 AS  
THIS SHEET

REVISIONS				<b>KCA</b> 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: M. Fathy Abdalla, P.E. P.E. No.: 63914	LEE COUNTY DEPARTMENT OF TRANSPORTATION			<b>SIGNING &amp; PAVEMENT MARKING PLAN (3)</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					CR 865	LEE	CN160002		S-7

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



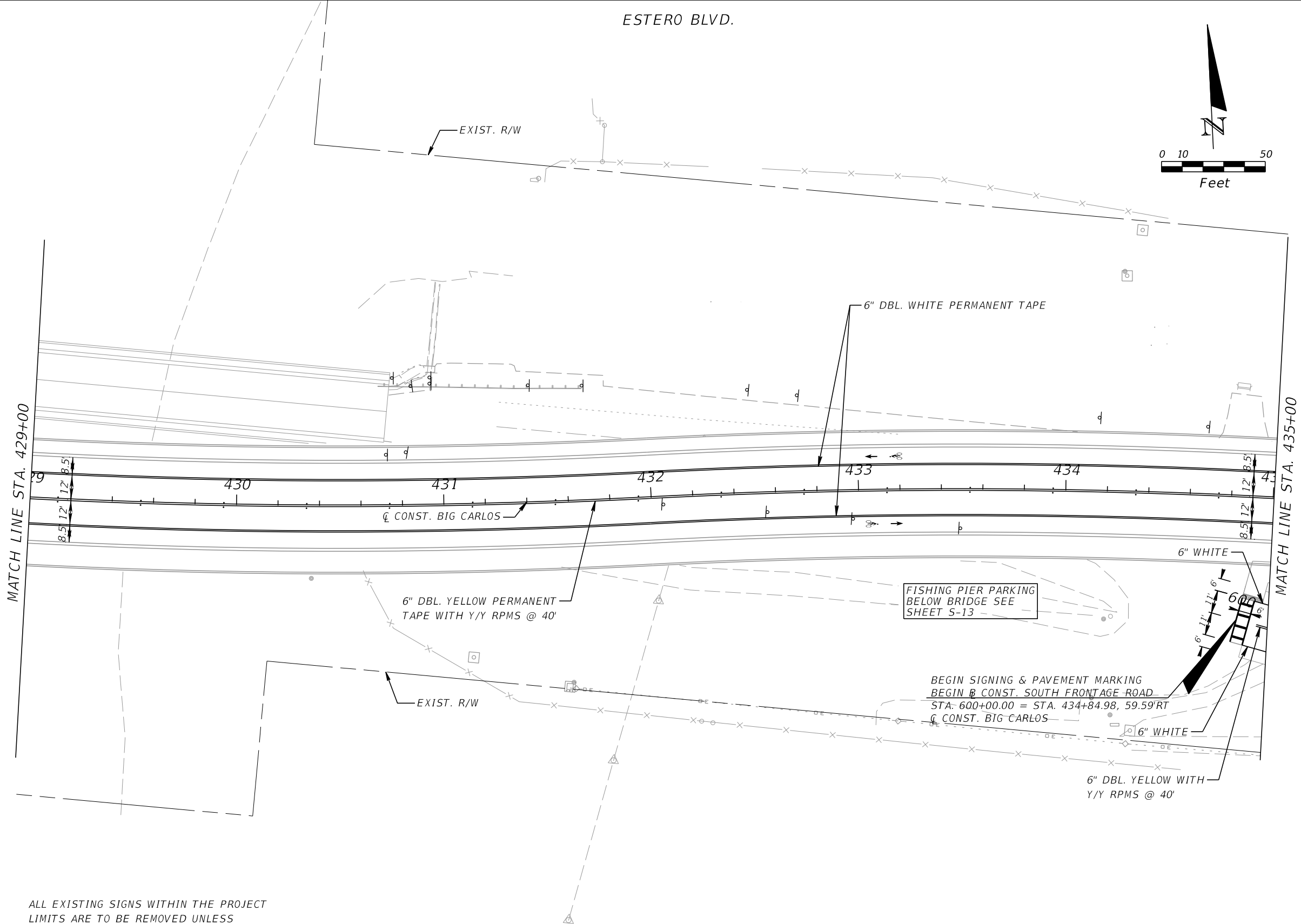
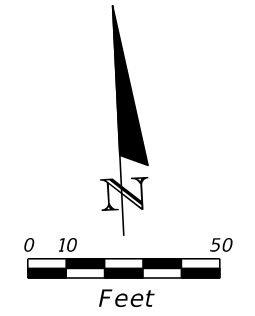
ALL EXISTING SIGNS WITHIN THE PROJECT  
LIMITS ARE TO BE REMOVED UNLESS  
OTHERWISE NOTED IN THE PLANS

700-1-60 1 AS  
THIS SHEET

REVISIONS				<b>KCA</b> KISINGER CAMPO & ASSOCIATES 201 N. Franklin Street, Suite 400 Tampa, Florida 33602 Engineer of Record: M. Fathy Abdalla, P.E. P.E. No.: 63914	LEE COUNTY DEPARTMENT OF TRANSPORTATION			<b>SIGNING &amp; PAVEMENT MARKING PLAN (4)</b>	SHEET NO.  S-8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	PROJECT NO.		
					CR 865	LEE	CN160002		



ESTERO BLVD.



ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REMOVED UNLESS OTHERWISE NOTED IN THE PLANS

700-1-60	14 AS
700-2-60	1 AS

THIS SHEET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
 KISINGER CAMPO & ASSOCIATES  
 201 N. Franklin Street, Suite 400  
 Tampa, Florida 33602  
 Engineer of Record: M. Fathy Abdalla, P.E.  
 P.E. No.: 63914

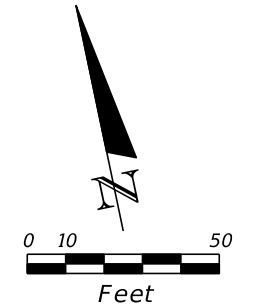
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	PROJECT NO.
CR 865	LEE	CN160002

**SIGNING & PAVEMENT  
MARKING PLAN (5)**

SHEET NO.
S-9

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

ESTERO BLVD.



BEGIN SIGNING & PAVEMENT MARKING NORTH FRONTAGE RD. STA. 500+69.38

REMOVE EXIST. LIGHT POLES. 715-4-70 2 AS

6" DBL. YELLOW PERMANENT TAPE WITH Y/Y RPMS @ 40'

6" DBL. WHITE PERMANENT TAPE

EXIST. R/W

GM-04  
3'-0" X 2'-6"  
700-1-21 2 AS  
STA. 436+32  
STA. 436+32  
UNLAWFUL TO JUMP OR DIVE FROM BRIDGE FOR BRIDGE

END BRIDGE  
END PERMANENT TAPE  
STA. 436+32.00

GM-01  
4'-6" X 2'-6"  
700-1-21 1 AS  
STA. 437+00  
Big Carlos Pass

R2-1  
30" X 36"  
700-1-21 1 AS  
STA. 439+00

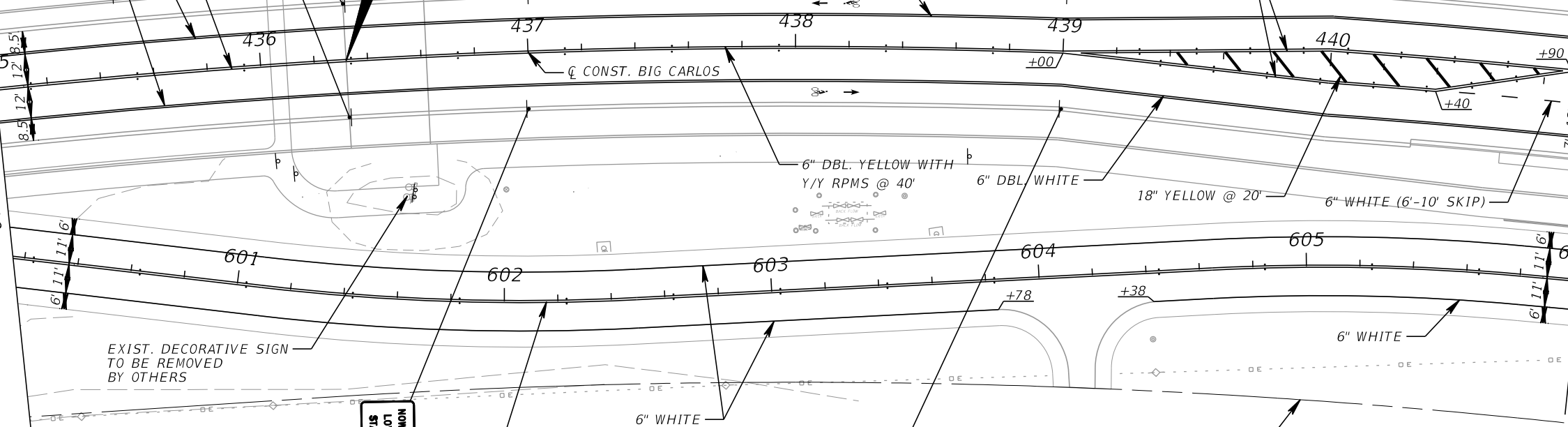
SPEED LIMIT 30

6" DBL. YELLOW WITH Y/Y RPMS @ 20'

6" DBL. YELLOW WITH Y/Y RPMS @ 40'

MATCH LINE STA. 435+00

MATCH LINE STA. 441+00



EXIST. DECORATIVE SIGN TO BE REMOVED BY OTHERS

GM-03  
4'-0" X 2'-6"  
700-1-21 1 AS  
STA. 437+00

NOW ENTERING LOVERS KEY STATE PARK

6" DBL. YELLOW WITH Y/Y RPMS @ 40'

SPEED LIMIT 35

R2-1  
30" X 36"  
700-1-21 1 AS  
STA. 439+00

ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REMOVED UNLESS OTHERWISE NOTED IN THE PLANS

700-1-60 7 AS  
700-2-60 3 AS  
THIS SHEET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA** 201 N. Franklin Street, Suite 400  
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KISINGER CAMPO & ASSOCIATES Engineer of Record: M. Fathy Abdalla, P.E.  
P.E. No.: 63914

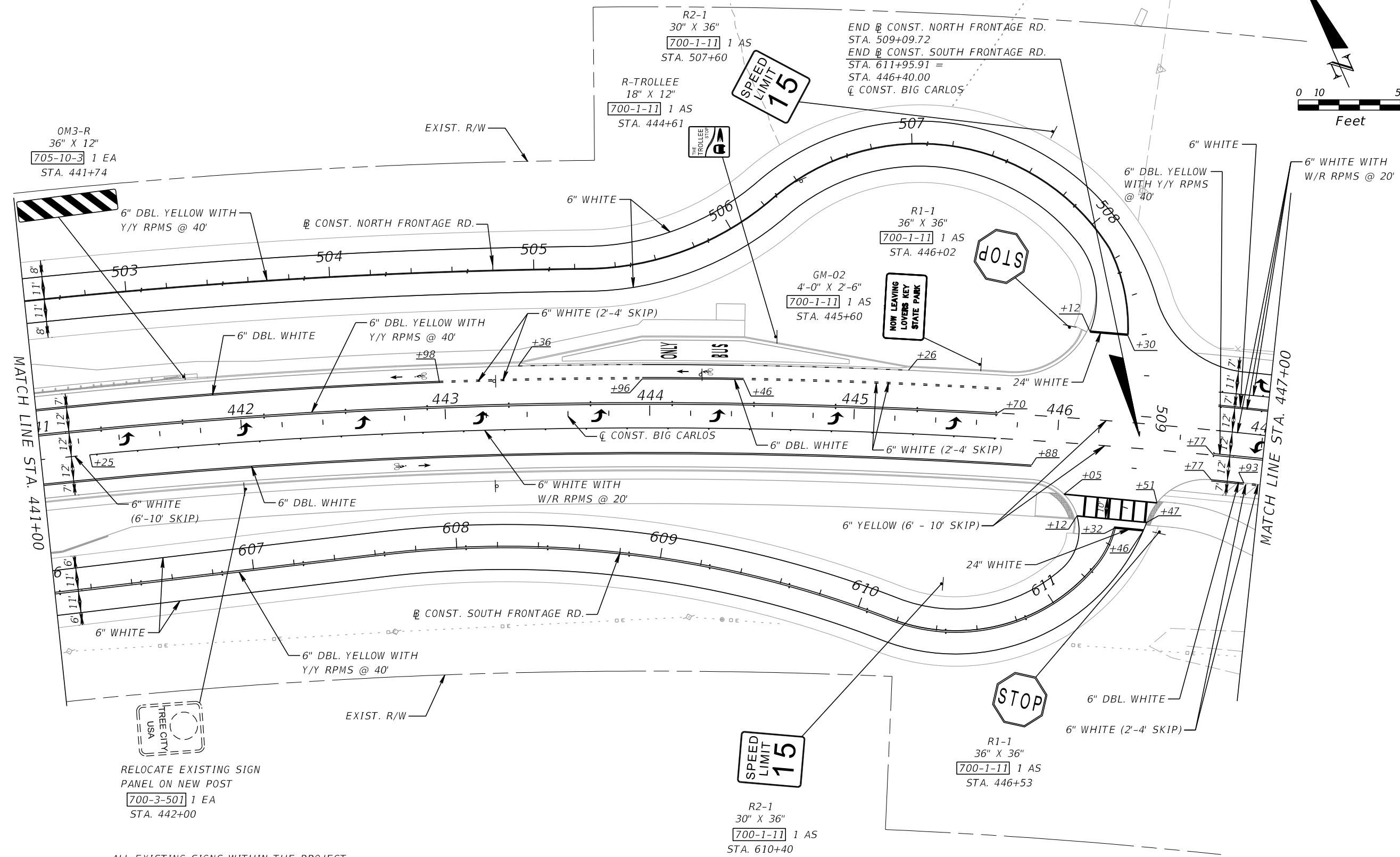
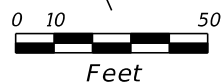
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	PROJECT NO.
CR 865	LEE	CN160002

**SIGNING & PAVEMENT MARKING PLAN (6)**

SHEET NO. S-10

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

ESTERO BLVD.



RELOCATE EXISTING SIGN  
PANEL ON NEW POST  
700-3-501 1 EA  
STA. 442+00

ALL EXISTING SIGNS WITHIN THE PROJECT  
LIMITS ARE TO BE REMOVED UNLESS  
OTHERWISE NOTED IN THE PLANS  
700-1-60 3 AS  
THIS SHEET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

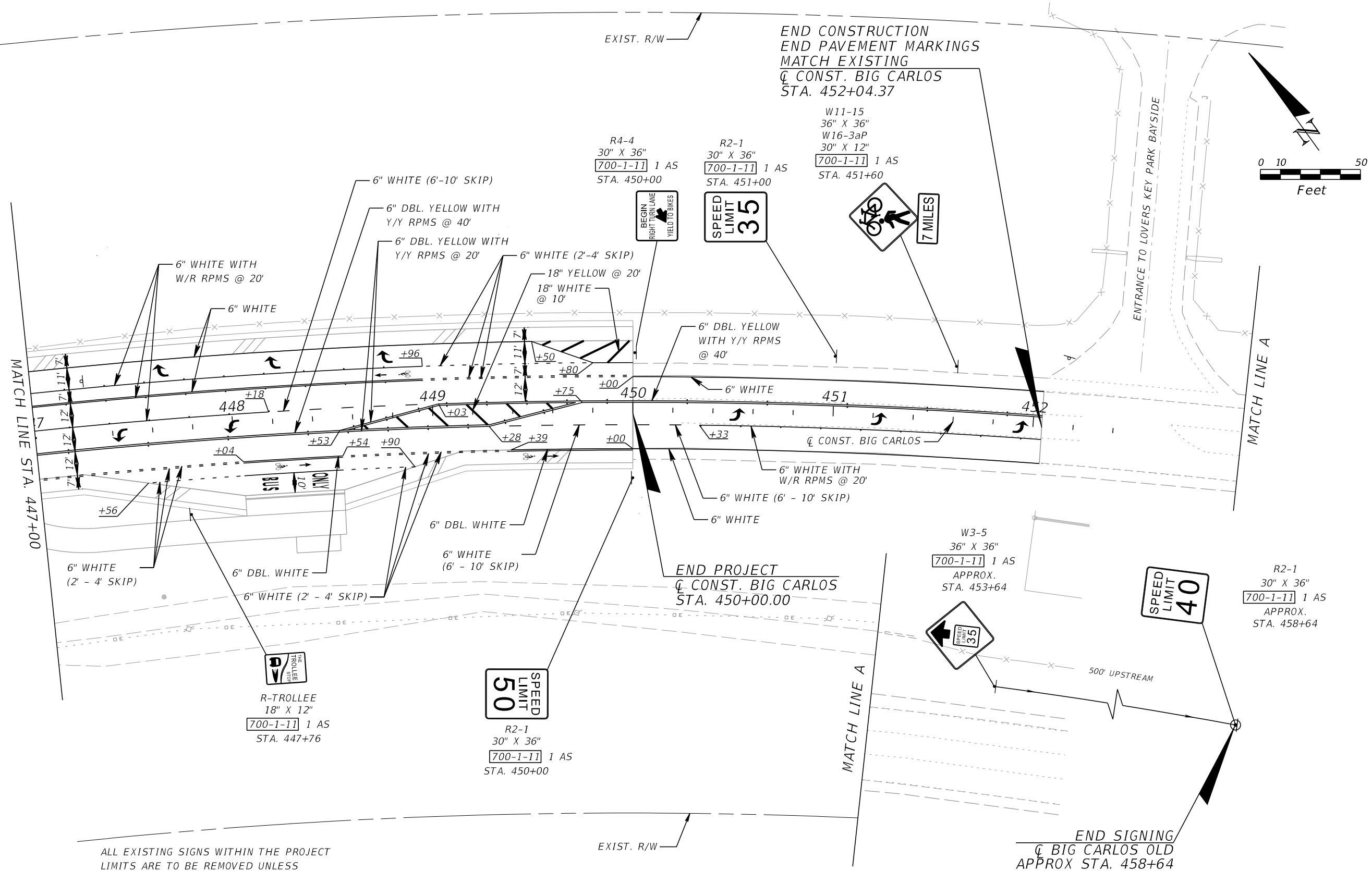
**KCA**  
KISINGER CAMPO & ASSOCIATES  
201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Engineer of Record: M. Fathy Abdalla, P.E.  
P.E. No.: 63914

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	PROJECT NO.
CR 865	LEE	CN160002

**SIGNING & PAVEMENT  
MARKING PLAN (7)**

SHEET NO.
S-11

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



ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REMOVED UNLESS OTHERWISE NOTED IN THE PLANS  
 700-1-60 2 AS  
 THIS SHEET

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA** 201 N. Franklin Street, Suite 400  
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 KISINGER CAMPO & ASSOCIATES Engineer of Record: M. Fathy Abdalla, P.E.  
 P.E. No.: 63914

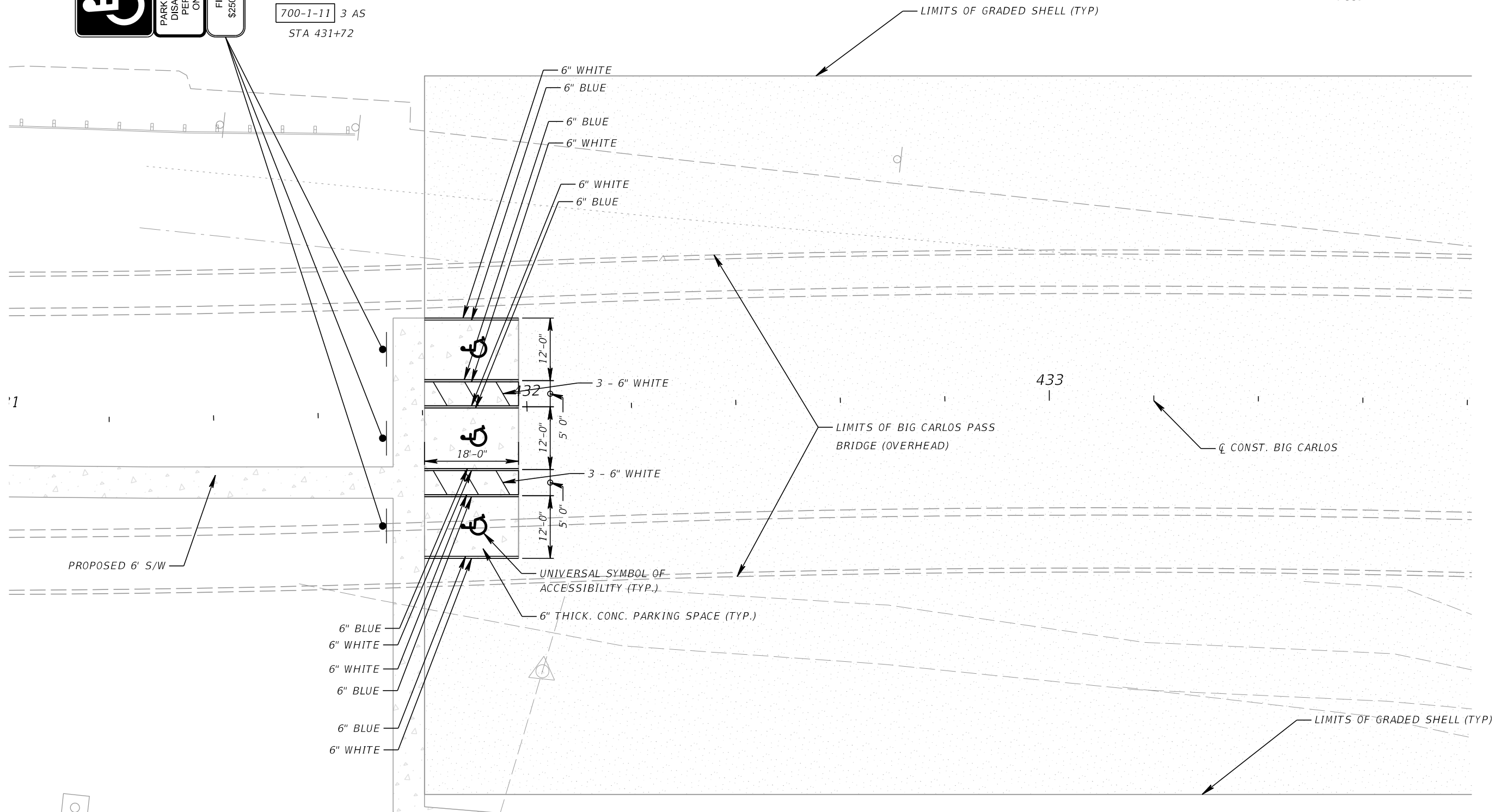
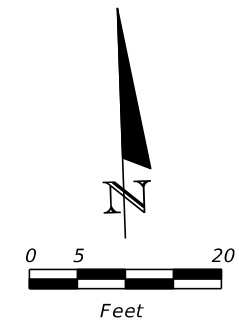
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	PROJECT NO.
CR 865	LEE	CN160002

**SIGNING & PAVEMENT  
 MARKING PLAN (8)**

SHEET NO.  
 S-12



FTP-21-06  
18" X 30"  
FTP-22-06  
12" X 6"  
700-1-11 3 AS  
STA 431+72



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

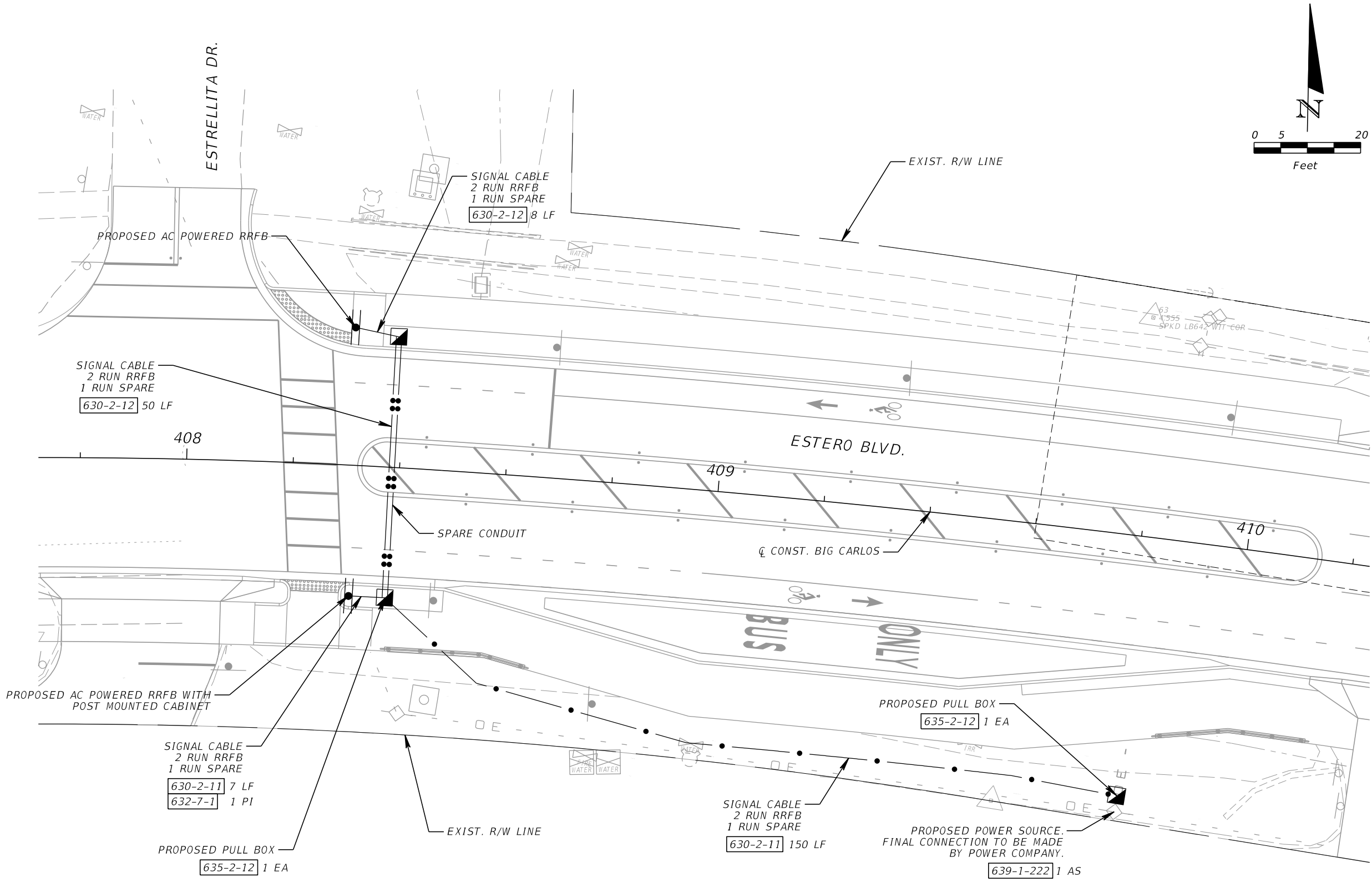
**KCA**  
KISINGER CAMPO & ASSOCIATES  
201 N. Franklin Street, Suite 400  
Tampa, Florida 33602  
Engineer of Record: M. Fathy Abdalla, P.E.  
P.E. No.: 63914

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	PROJECT NO.
CR 865	LEE	CN160002

**SIGNING & PAVEMENT  
MARKING PLAN (9)**

SHEET NO.  
S-13

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**KCA**  
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 Tampa, Florida 33602  
 Engineer of Record: M. Fathy Abdalla, P.E.  
 P.E. No.: 63914

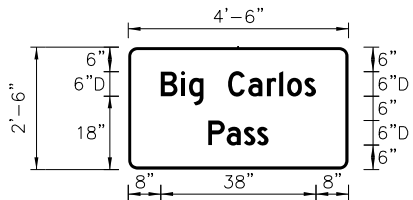
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	PROJECT NO.
CR 865	LEE	CN160002

**RRFB ELECTRICAL DETAIL**

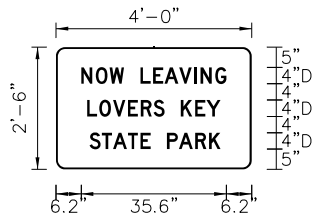
SHEET NO.  
S-14

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SIGN NAME	GM-01	QTY	2	SIGN NUMBER	STATION(S)
PANEL	BORDER				413+00
WIDTH	4'-6"	WIDTH	0.75"		437+00
HEIGHT	2'-6"	RADII	2.25"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH	



SIGN NAME	GM-02	QTY	1	SIGN NUMBER	STATION(S)
PANEL	BORDER				445+60
WIDTH	4'-0"	WIDTH	0.5"		
HEIGHT	2'-6"	RADII	2.25"		
LEGEND	White	COLOR	White		
COLOR	Brown				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH	



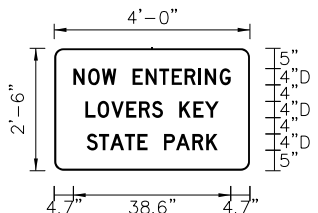
COPY	B	i	g	L			
SPACE	8	13	14.9	10.5			
COPY	C	a	r	l	o	s	L
SPACE	24.5	29.5	34	37	38.9	43.2	21.5
COPY	P	o	s	s	L		
SPACE	19.6	24.2	28.4	31.6	14.8		
COPY							
SPACE							
COPY							
SPACE							
COPY							
SPACE							

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

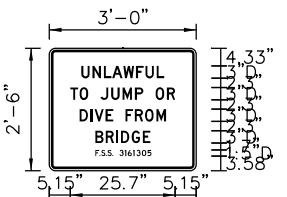
COPY	N	O	W	L	E	A	V	I	N	G	L			
SPACE	6.2	3.6	3.4	3.6	4	3.1	2.8	3.6	3.6	1.6	3.6	2.7	6.2	35.6
COPY	L	O	V	E	R	S	K	E	Y	L				
SPACE	7.6	3	3.4	3.6	3.2	3.1	2.7	4	3.5	2.8	3.4	7.6	32.7	
COPY	S	T	A	T	E	P	A	R	K	L				
SPACE	8.2	3	2.7	3.6	3.1	2.5	4	3	4	3.4	2.8	7.6	32.1	
COPY														
SPACE														
COPY														
SPACE														
COPY														
SPACE														

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

SIGN NAME	GM-03	QTY	1	SIGN NUMBER	STATION(S)
PANEL	BORDER				437+00
WIDTH	4'-0"	WIDTH	0.5"		
HEIGHT	2'-6"	RADII	2.25"		
LEGEND	White	COLOR	White		
COLOR	Brown				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH	



SIGN NAME	GM-04	QTY	4	SIGN NUMBER	STATION(S)
PANEL	BORDER				413+66
WIDTH	3'-0"	WIDTH	0.63"		436+32
HEIGHT	2'-6"	RADII	1.13"		
LEGEND	Black	COLOR	Black		
COLOR	White				
SYMBOL(S)	ANGLE	X	Y	WID	HT
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	N	O	W	E	N	T	E	R	I	N	G	L			
SPACE	4.7	3.6	3.4	3.6	4	3.2	3.3	3.1	3.2	3.4	1.6	3.6	2.7	4.7	38.6
COPY	L	O	V	E	R	S	K	E	Y	L					
SPACE	7.6	3	3.4	3.6	3.2	3.1	2.7	4	3.5	2.8	3.4	7.6	32.7		
COPY	S	T	A	T	E	P	A	R	K	L					
SPACE	7.9	3	2.7	3.6	3.1	2.5	4	3	4	3.4	2.8	7.9	32.1		
COPY															
SPACE															
COPY															
SPACE															
COPY															
SPACE															

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

COPY	U	N	L	A	W	F	U	L	L								
SPACE	7.8	2.8	2.8	2	2.7	3.1	2.3	2.8	1.9	7.8	20.3						
COPY	T	O	J	U	M	P	O	R	L								
SPACE	5.1	2.3	2.1	3	2.6	2.8	3.1	2	3	2.8	2	5.1	25.7				
COPY	D	I	V	E	F	R	O	M	L								
SPACE	7.4	2.7	0.9	2.7	1.9	3	2.3	2.5	2.8	2.3	7.4	21.2					
COPY	B	R	I	D	G	E	L										
SPACE	11.3	2.5	2.5	1.2	2.6	2.7	1.9	11.3	13.5								
COPY	F	S	S	3	1	6	1	3	0	5	L						
SPACE	11.3	1	0.4	1.2	0.4	1.2	0.3	1.5	1.3	0.7	1.3	0.8	1.3	1.4	1	11	13.8
COPY																	
SPACE																	

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

REVISIONS	
DATE	DESCRIPTION

**KCA**  
KISINGER CAMPO & ASSOCIATES  
201 N. Franklin Street, Suite 400  
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Engineer of Record: M. Fathy Abdalla, P.E.  
P.E. No.: 63914

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	PROJECT NO.
CR 865	LEE	CN160002

**GUIDE SIGN WORKSHEET (1)**

SHEET NO.  
S-15

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