

CONTRACT PLANS COMPONENTS

ROADWAY
SIGNING AND PAVEMENT MARKING
SIGNALIZATION
LIGHTING

INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	SIGNATURE SHEET
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T-8	GUIDE SIGN WORKSHEET

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2026-27 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

APPLICABLE IRs: N/A

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2026-27 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLANS

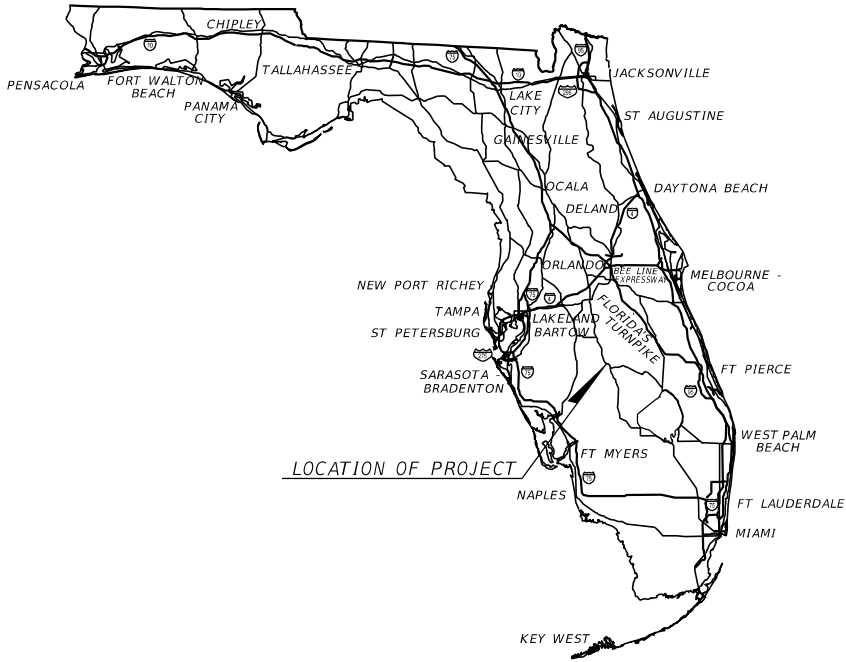
FINANCIAL PROJECT ID 451362-1-52-02
(FEDERAL FUNDS)

HIGHLANDS COUNTY (09030)

STATE ROAD NO. SR 25 (US 27)
INTERSECTION IMPROVEMENTS AT
SCHUMACHER RD. / SEBRING PKWY.

PROJECT LOCATION URL <https://tinyurl.com/485b6vet>

PROJECT LIMITS	MP 8.310 TO MP 8.595
EXCEPTIONS	N/A
BRIDGE LIMITS	N/A
RAILROAD CROSSING	N/A



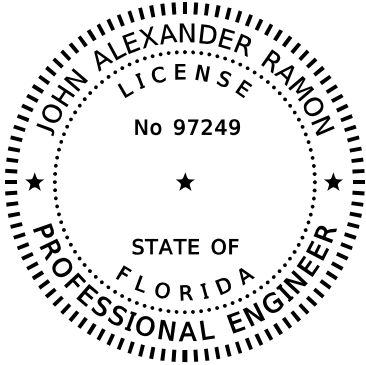
SIGNALIZATION PLANS
ENGINEER OF RECORD:

JOHN ALEXANDER RAMON, P.E.
P.E. LICENSE NUMBER 97249
FALLER, DAVIS & ASSOCIATES, INC.
1150 ASSEMBLY DRIVE, SUITE 400
TAMPA, FL 33607-4874
(813) 261-5136
CONTRACT NO.: CAI65
VENDOR NO.: F592594956001

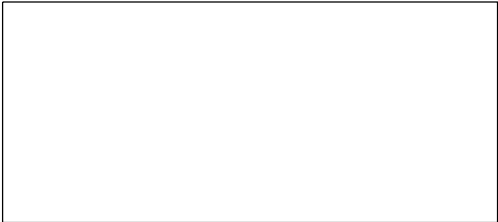
FDOT PROJECT MANAGER:

ULISES VALLES

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	27	T-1



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY



ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

FALLER, DAVIS & ASSOCIATES, INC
1150 ASSEMBLY DRIVE, SUITE 400
TAMPA, FLORIDA 33607-4874
JOHN ALEXANDER RAMON, P.E. NO.: 97249

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

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
T-1	KEY SHEET
T-2	SIGNATURE SHEET
T-3	GENERAL NOTES
T-4 – T-6	SIGNALIZATION PLAN
T-7	PEDESTRIAN SIGNAL DETAIL SHEET
T-8	GUIDE SIGN WORKSHEET

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JOHN ALEXANDER RAMON, P.E. LICENSE NUMBER: 97249 FALLER, DAVIS & ASSOCIATES, INC 1150 ASSEMBLY DRIVE, SUITE 400 TAMPA, FL 33607-4874	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-2
					SR 25	HIGHLANDS	451362-1-52-02		

GENERAL NOTES:

1. FOR REMOVED SIGNAL EQUIPMENT CLAIMED BY MAINTAINING AGENCY, CONTACT:

HIGHLANDS COUNTY BOARD OF COUNTY COMMISSIONERS
EDWARD CARDONA, TRAFFIC OPERATIONS MANAGER
4330 GEORGE BLVD
SEBRING, FL 33875
PHONE: (863) 402-6536
2. MAINTAINING AGENCY: HIGHLANDS COUNTY
3. PAVEMENT MARKINGS ARE SHOWN FOR REFERENCE PURPOSES ONLY. FOR PAVEMENT MARKING DESIGN INFORMATION, SEE PAVEMENT MARKING PLANS.
4. AT LEAST TWO (2) FULL DAYS PRIOR TO BEGINNING THE TRAFFIC SIGNAL INSTALLATION, CONTACT THE TRAFFIC SIGNAL INSPECTOR/LIAISON:

HIGHLANDS COUNTY
CLINTON MINGUS
FLORIDA DEPARTMENT OF TRANSPORTATION
HEARTLAND OPERATIONS CENTER - SEBRING
4722 KENILWORTH BLVD.
SEBRING, FL 33870
PH: 863-471-4861 CELL: 863-991-3549

HIGHLANDS COUNTY BOARD OF COUNTY COMMISSIONERS
EDWARD CARDONA, TRAFFIC OPERATIONS MANAGER
4330 GEORGE BLVD
SEBRING, FL 33875
PHONE: (863) 402-6536

5. WHEN CONSTRUCTION IS COMPLETE, PROVIDE A SET OF "ASBUILT" PLANS IN ELECTRONIC FORM (PDF) TO:

FDOT TRAFFIC OPERATIONS
NEAL TURNER, P.E., TSM&O ENGINEER - ARTERIALS
801 N. BROADWAY AVE.
P.O. BOX 1249
BARTOW, FL 33830-1249
EMAIL: NEAL.TURNER@DOT.STATE.FL.US
PHONE: 863-519-2216

HIGHLANDS COUNTY BOARD OF COUNTY COMMISSIONERS
EDWARD CARDONA, TRAFFIC OPERATIONS MANAGER
4330 GEORGE BLVD
SEBRING, FL 33875
PHONE: (863) 402-6536

PAY ITEM NOTES:

632-7-1:
VERIFY THE COLOR CODE OF SIGNAL CABLE WITH THE MAINTAINING AGENCY PRIOR TO WIRING INTERSECTION.

632-7-6:
REMOVE SIGNAL CABLE THAT IS BEING REPLACED FOR NEW PEDESTRIAN POLES AND LOOPS.

635-2-11:
PULL BOXES ARE TO BE PLACED BEHIND CURB AND GUTTER. IF THERE IS NO CURB AND GUTTER, PLACE PULL BOXES A MINIMUM OF 7' FROM THE EDGE OF PAVEMENT.

646-1-11:
USE LOCKING COLLARS WHEN MOUNTING ALUMINUM PEDESTRIAN POLES TO PEDESTRIAN PEDESTAL BASES.

USE BREAKAWAY ALUMINUM SQUARE BASE ASSEMBLIES WITH ALUMINUM DOORS FOR PEDESTRIAN PEDESTALS.

653-1-11:
PEDESTRIAN SIGNAL HEADS TO BE 16" INTERNATIONAL SYMBOL, LED COUNTDOWN TYPE.

INSTALL VISORS ON PEDESTRIAN SIGNAL HEADS AND REMOVE THE HONEYCOMB LENS COVERS.

660-2-102 / 660-2-106:
PERMANENTLY MARK EACH LOOP PER PHASE AND PER VEHICLE MOVEMENT AT EACH SPLICE POINT AND AT THE CABINET TERMINATION POINT.

FOR INCREASED SENSITIVITY, INDUCTANCE LOOPS TO HAVE A MINIMUM OF THREE TURNS OF WIRE.

665-1-11:
USE PEDESTRIAN BUTTON SIGNAL SIGN FTP-032-25. STREET NAME TO BE IN ACCORDANCE WITH THE STREET NAMES SHOWN ON THE SIGNALIZATION PLAN SHEETS.

671-2-40 AND 676-1-500:
MODIFY EXISTING CONTROLLER CABINET ADDING LOOP HARNESES, CIRCUIT BOARD (WHEN REQUIRED), AND PERFORM ANY CABINET AND FIELD WIRING.

CORE-DRILL EXISTING CONTROLLER CABINET BASE AND INSTALL NEW CONDUITS IF SPARE CONDUIT STUB-OUTS CANNOT BE USED. INSTALL NEW CONDUITS INTO THE EXISTING FOUNDATION AS REQUIRED IN PLANS. WHEN ADDITIONAL CONDUITS ARE REQUIRED, THE CONDUIT SHALL BE A MINIMUM OF 3" IN DIAMETER. LOCATE NEW CONDUITS SO THEY WILL NOT OBSTRUCT THE MAINTENANCE OF EQUIPMENT IN THE CABINET OR THE ANCHORING OF THE CABINET FLANGE TO THE CONCRETE FOUNDATION.

PROTECT INTERNAL CABINET AND EQUIPMENT FROM DUST AND DEBRIS CAUSED BY CORE DRILLING.

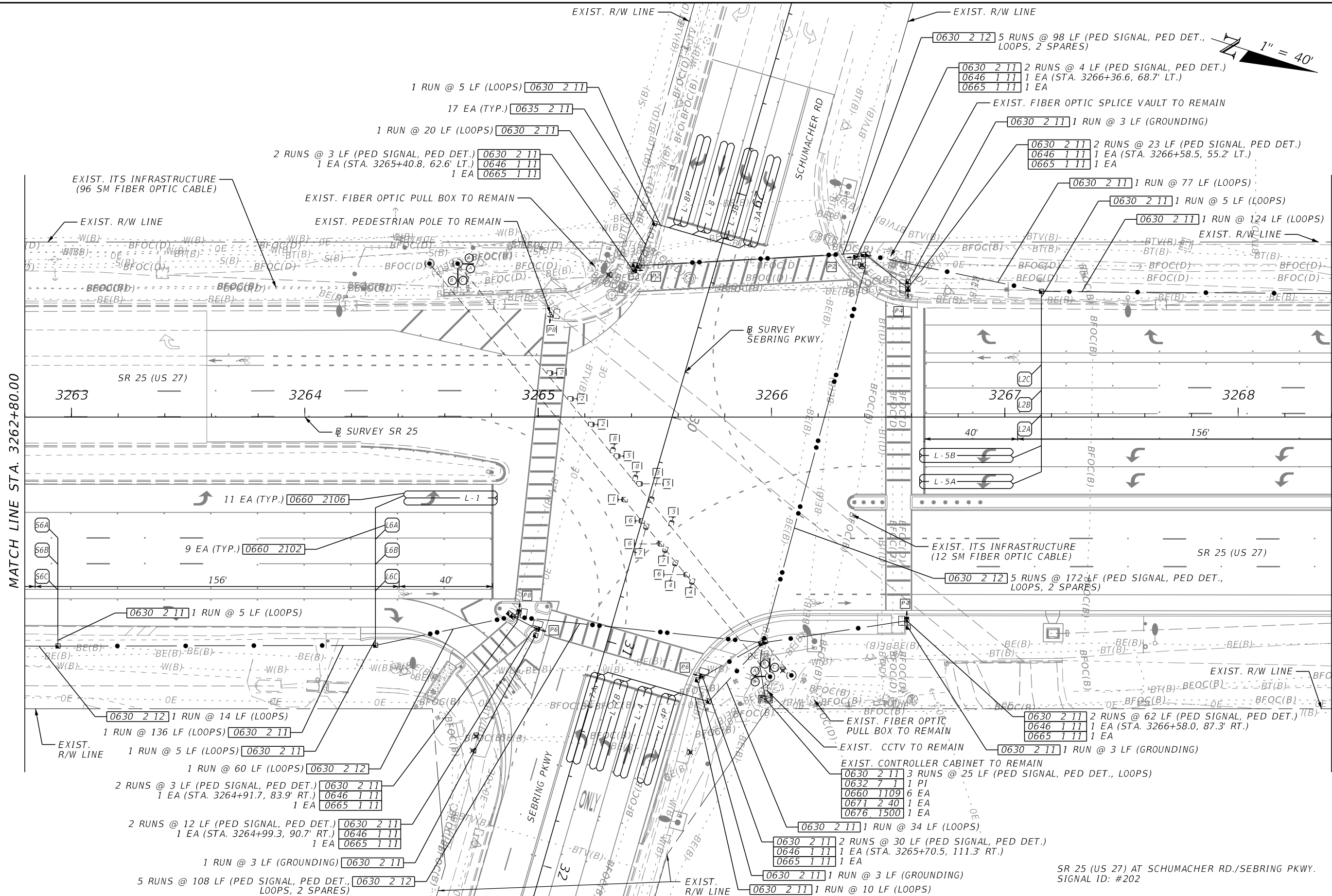
700-5-22:
ALL INTERNALLY ILLUMINATED STREET NAME SIGNS TO BE DOUBLE SIDED WITH BORDER AND BE MOUNTED FREE SWINGING ON PROPOSED POLE BRACKET ARM ATTACHED TO POLE.

CONNECT INTERNALLY ILLUMINATED STREET NAME SIGN CONDUCTORS TO EXISTING PHOTOELECTRIC CELL LOCATED INSIDE THE EXISTING CONTROLLER CABINET AND PHOTOELECTRIC CELL CONDUCTORS TO DEDICATED 15 AMP/120 VOLT CIRCUIT BREAKER LOCATED INSIDE THE EXISTING CONTROLLER CABINET.

700-5-60:
INCLUDES REMOVAL OF EXISTING BRACKET ARMS.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JOHN ALEXANDER RAMON, P.E. LICENSE NUMBER: 97249 FALLER, DAVIS & ASSOCIATES, INC 1150 ASSEMBLY DRIVE, SUITE 400 TAMPA, FL 33607-4874		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-3
						SR 25	HIGHLANDS	451362-1-52-02		

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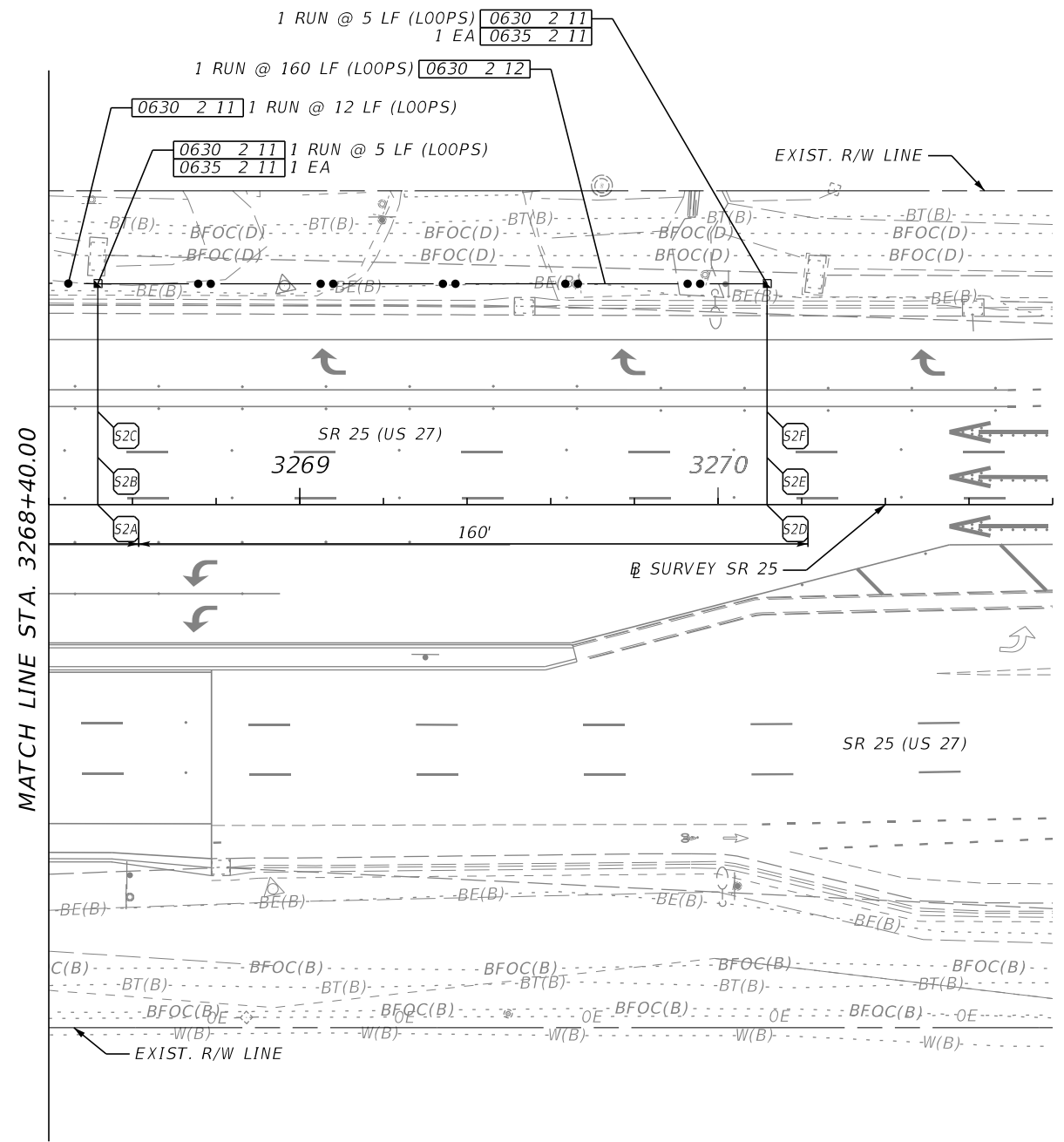
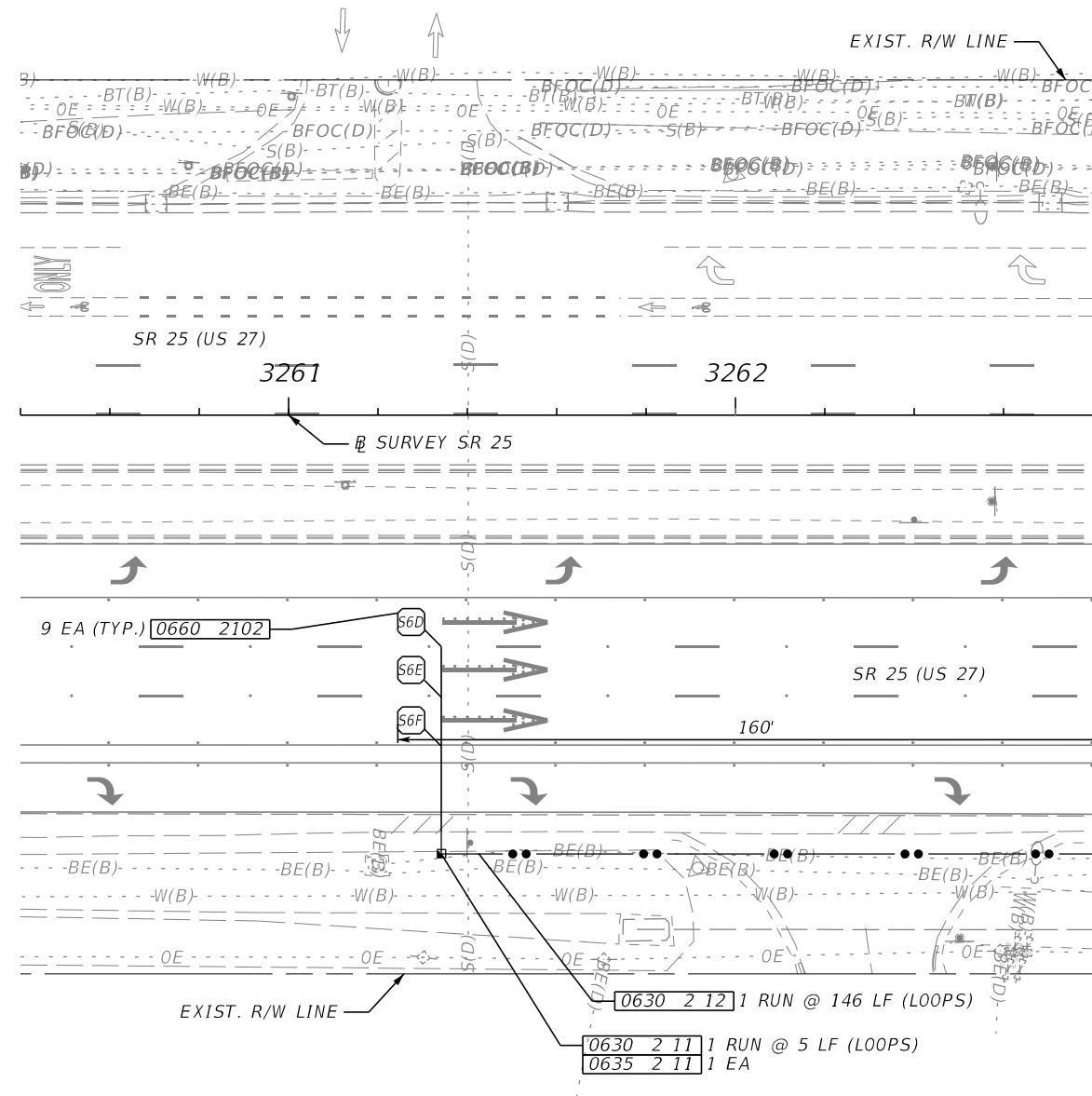
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 25	HIGHLANDS	451362-1-52-02	

JOHN ALEXANDER RAMON, P.E.
LICENSE NUMBER: 97249
FALLER, DAVIS & ASSOCIATES, INC
1150 ASSEMBLY DRIVE, SUITE 400
TAMPA, FL 33607-4874

SIGNALIZATION PLAN (1)

T-4

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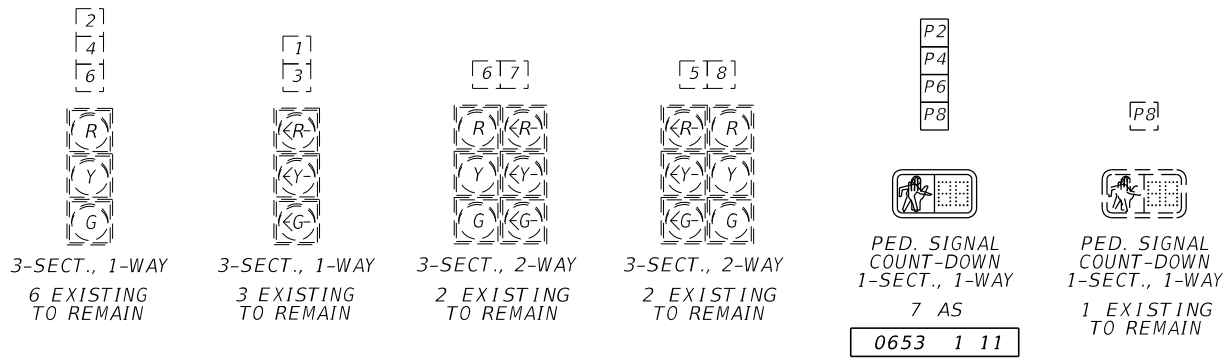


SR 25 (US 27) AT SCHUMACHER RD./SEBRING PKWY.
SIGNAL ID: #202

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JOHN ALEXANDER RAMON, P.E. LICENSE NUMBER: 97249 FALLER, DAVIS & ASSOCIATES, INC 1150 ASSEMBLY DRIVE, SUITE 400 TAMPA, FL 33607-4874		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 25	HIGHLANDS	451362-1-52-02		

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

SIGNAL DISPLAY DETAILS



NOTES:

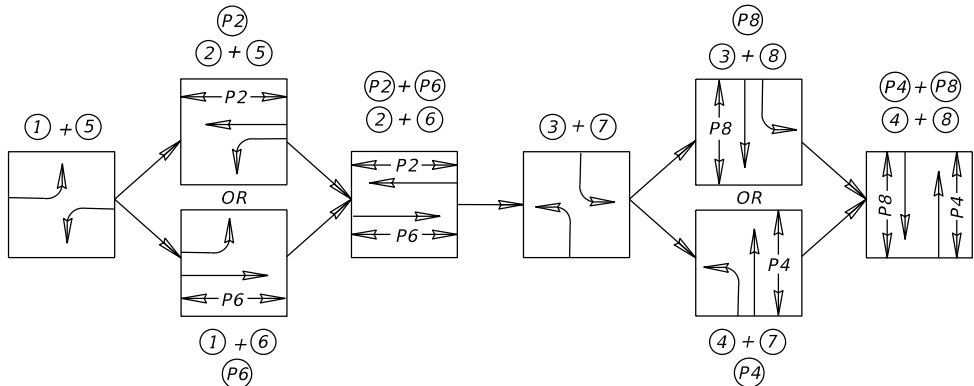
- MAJOR STREET IS SR 25 (US 27) (MOVEMENTS 2 AND 6), AND MINOR STREET IS SCHUMACHER RD / SEBRING PKWY (MOVEMENTS 4 AND 8).
- SIGNAL OPERATION PLAN #10 WITH THE FOLLOWING:
 - REQUEST UPDATED SIGNAL TIMINGS FROM TSM&O ENGINEER - ARTERIALS (863-519-2216) WHEN ALL LANES, STRIPING, SIGNALS AND PEDESTRIAN FACILITIES ARE IN THEIR FINAL CONFIGURATION AND THE SIGNAL IS OPERATING AS DESIGNED. PROVIDE FDOT WITH ALL "AS-BUILT" INFORMATION NECESSARY TO DEVELOP THE BASIC SIGNAL TIMING PARAMETERS AND ALLOW THREE (3) WEEKS FOLLOWING THE REQUEST FOR FDOT TO DEVELOP THE UPDATED TIMINGS. PROGRAM THE CONTROLLER PER THE TIMINGS PROVIDED BY FDOT.
 - ACTUATED PEDESTRIANS FOR MOVEMENTS 2 (P2), 4 (P4), 6 (P6), AND 8 (P8).
 - WHEN SIGNAL IS IN FLASHING MODE MOVEMENTS 2 AND 6 MUST FLASH YELLOW. ALL OTHER VEHICLE MOVEMENTS MUST FLASH RED.
- THE POSTED SPEED LIMITS ARE AS FOLLOWS:
 - SR 25 (US 27) = 50 MPH
 - SCHUMACHER RD = 45 MPH
 - SEBRING PKWY = 45 MPH

SIGNAL REMOVAL ITEMS

0632	7	6	1	PI
0646	1	60	6	EA
0700	5	60	4	EA

S.O.P. # 10

RING - 1	1	2	3	4
RING - 2	5	6	7	8



CONTROLLER TIMINGS								
MOVEMENT NUMBER (CONTROLLER PHASE Ø)	1	2	3	4	5	6	7	8
DIRECTION	NBLT	SB	EBLT	WB	SBLT	NB	WBLT	EB
TURN TYPE	PROT		PROT		PROT		PROT	
MIN GREEN	5	15	5	10	5	15	5	10
EXT	3.0	2.2	3.0	3.0	3.0	2.2	3.0	3.0
YELLOW	5.1	5.1	4.8	4.8	5.1	5.1	4.8	4.8
ALL RED	2.4	2.0	2.7	2.0	3.6	2.0	2.0	2.2
MAX I	20	45	20	30	20	45	20	30
MAX II	30	60	30	45	30	60	30	45
WALK		7		7		7		7
FLASHING DON'T WALK		24		38		19		35
DETECTOR MEMORY								
DET. CROSS SWITCH								
DUAL ENTRY		ON		ON		ON		ON
VEHICLE RECALL		MIN				MIN		

DETECTORS FOR LOOPS

LOOP	NO. OF LOOPS	NO. OF NEW DETECTORS	NO. OF EXIST. DETECTORS	CONNECT TO MOVEMENT	DELAY TIME (SEC)	SIZE OF LOOPS
L-1	1	-	1	1	-	6'x40'
L2A	1	-	1	2	-	6'x6'
L2B	1	-	1	2	-	6'x6'
L2C	1	-	1	2	-	6'x6'
S2A	1	-	1	2	-	6'x6'
S2B	1	-	1	2	-	6'x6'
S2C	1	-	1	2	-	6'x6'
S2D	1	1	-	2	-	6'x6'
S2E	1		-	2	-	6'x6'
S2F	1	1	-	2	-	6'x6'
L-3A	1	-	1	3	3.0	6'x40'
L-3B	1	-	1	3	-	6'x40'
L-4	1	-	1	4	-	6'x40'
L-4P	1	-	1	4	8.0	6'x40'
L-5A	1	-	1	5	-	6'x40'
L-5B	1	-	1	5	-	6'x40'
L6A	1	-	1	6	-	6'x6'
L6B	1	-	1	6	-	6'x6'
L6C	1	-	1	6	-	6'x6'
S6A	1	1	-	6	-	6'x6'
S6B	1		-	6	-	6'x6'
S6C	1	1	-	6	-	6'x6'
S6D	1	1	-	6	-	6'x6'
S6E	1		-	6	-	6'x6'
S6F	1	1	-	6	-	6'x6'
L-7A	1	-	1	7	3.0	6'x40'
L-7B	1	-	1	7	-	6'x40'
L-8	1	-	1	8	-	6'x40'
L-8P	1	-	1	8	8.0	6'x40'

ALL STOP BAR DETECTION ZONES TO BE LOCATED 2 FEET IN FRONT OF THE STOP BAR.

SIGN (A)

US 27

0700 5 22 2 EA DOUBLE SIDED

SIGN (B)

← SCHUMACHER RD
SEBRING PKWY →

0700 5 22 1 EA DOUBLE SIDED

SIGN (C)

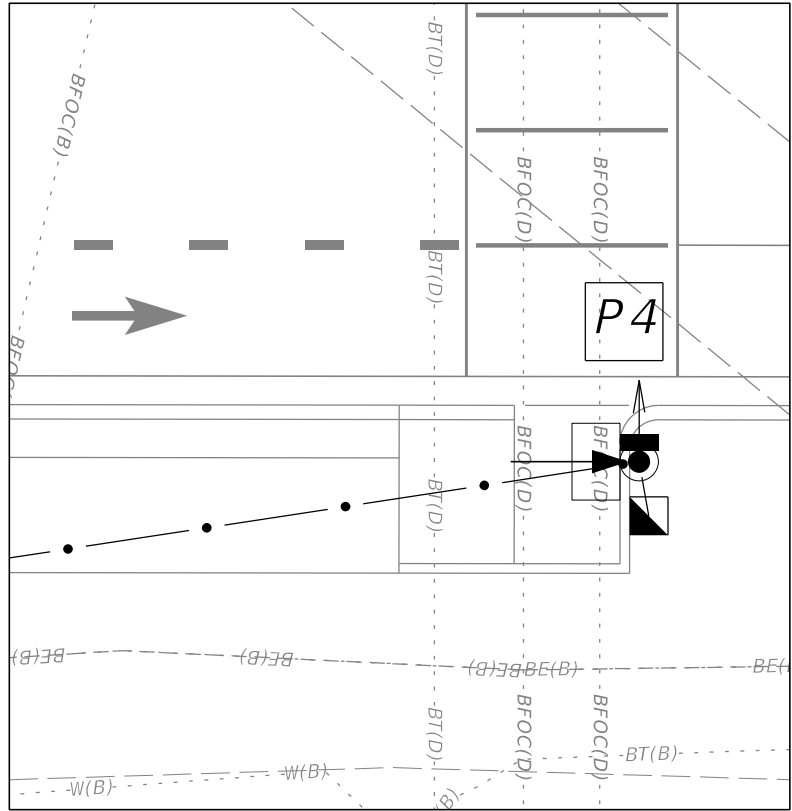
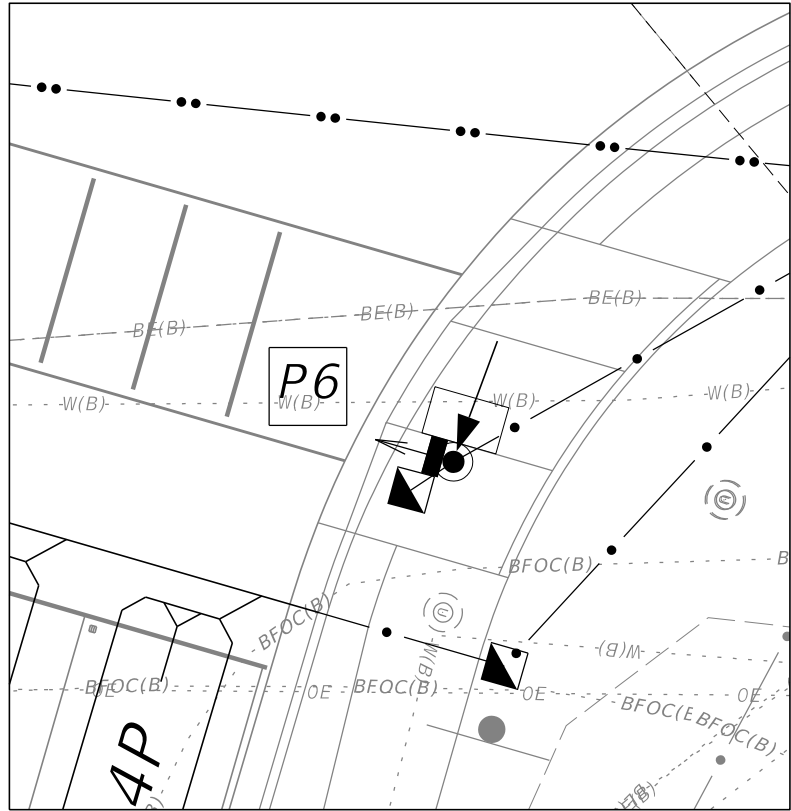
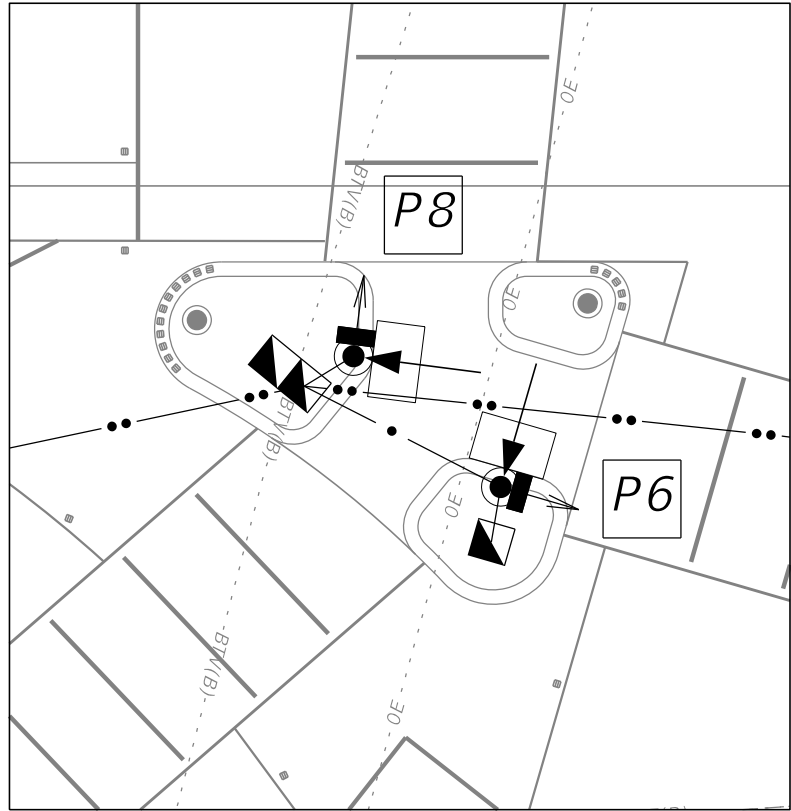
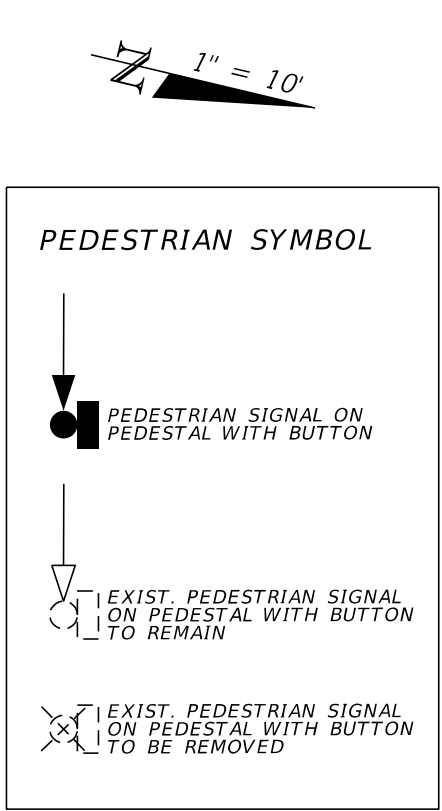
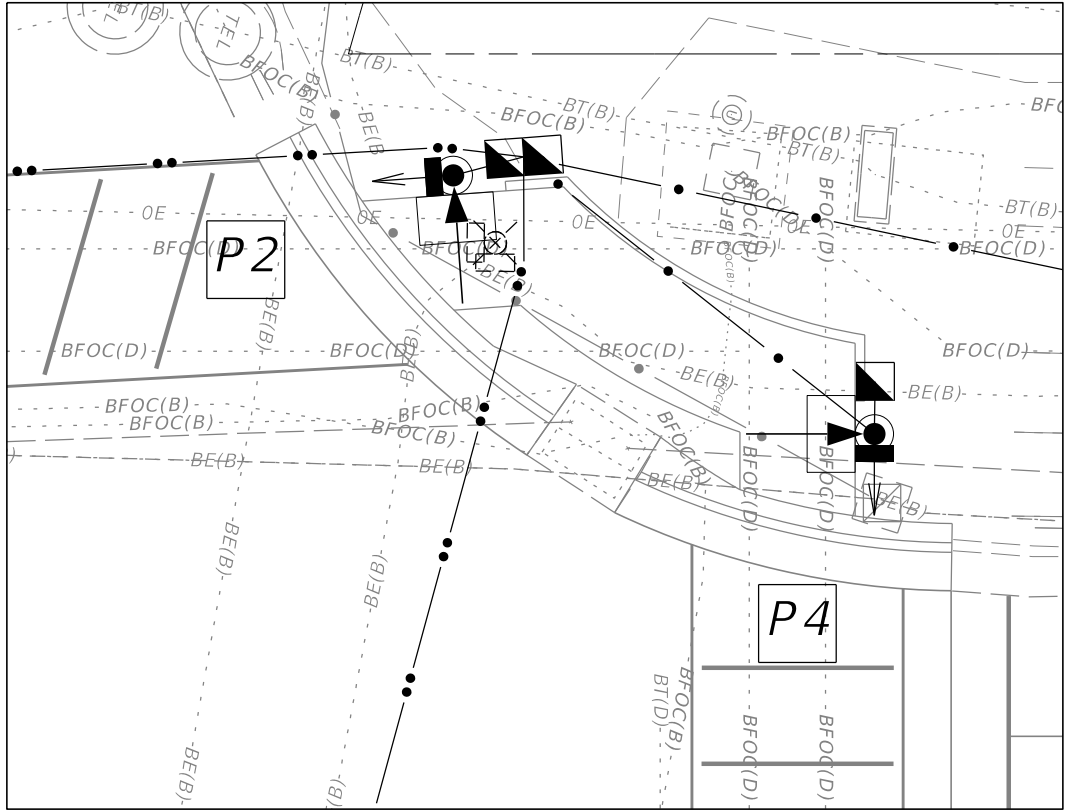
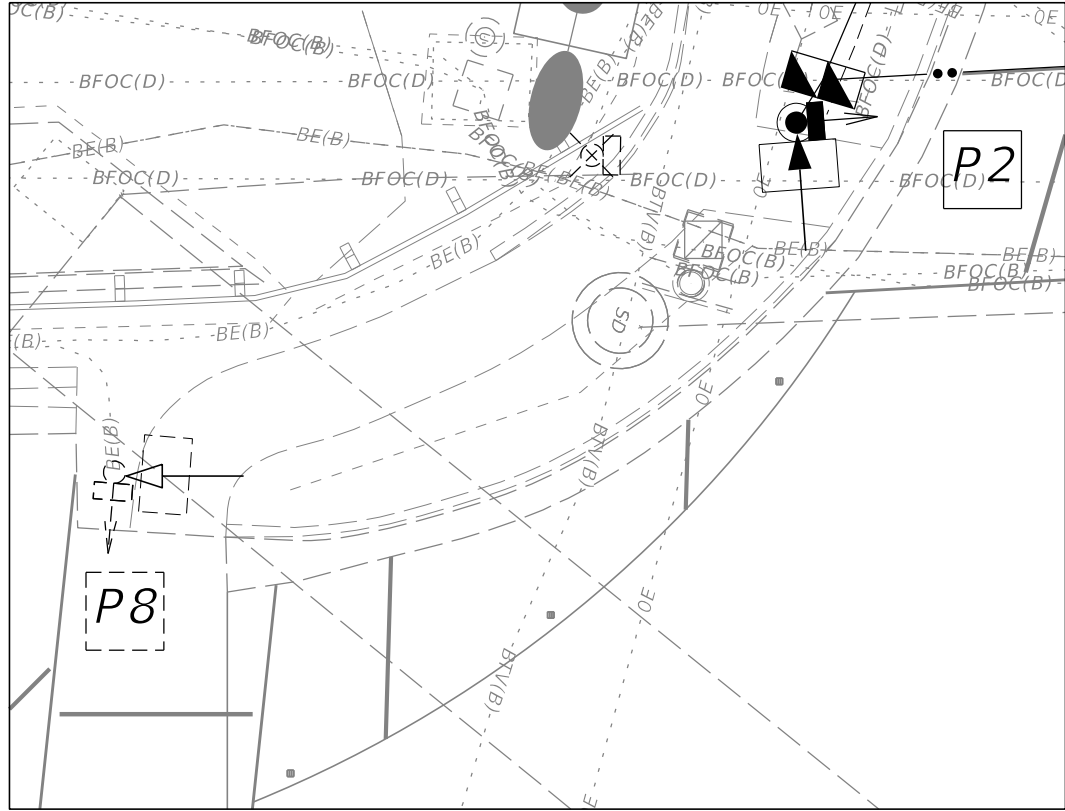
← SEBRING PKWY
SCHUMACHER RD →

0700 5 22 1 EA DOUBLE SIDED

SR 25 (US 27) AT SCHUMACHER RD./SEBRING PKWY.
SIGNAL ID: #202

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JOHN ALEXANDER RAMON, P.E. LICENSE NUMBER: 97249 FALLER, DAVIS & ASSOCIATES, INC 1150 ASSEMBLY DRIVE, SUITE 400 TAMPA, FL 33607-4874	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-6
					SR 25	HIGHLANDS	451362-1-52-02		

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PEDESTRIAN SIGNAL DETAIL SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JOHN ALEXANDER RAMON, P.E. LICENSE NUMBER: 97249 FALLER, DAVIS & ASSOCIATES, INC 1150 ASSEMBLY DRIVE, SUITE 400 TAMPA, FL 33607-4874	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-7
					SR 25	HIGHLANDS	451362-1-52-02		

JOHN ALEXANDER RAMON, P.E.
LICENSE NUMBER: 97249
FALLER, DAVIS & ASSOCIATES, INC
1150 ASSEMBLY DRIVE, SUITE 400
TAMPA, FL 33607-4874

[illegible][illegible][illegible][illegible]

REVISIONS				ENGINEER OF RECORD
DATE	DESCRIPTION	DATE	DESCRIPTION	JOHN ALEXANDER RAMON, P.E. LICENSE NUMBER: 97249 FALLER, DAVIS & ASSOCIATES, INC. 1150 ASSEMBLY DRIVE, SUITE 400 TAMPA, FL 33607-4874

SIGN NAME	B	QTY	1	SIGN NUMBER	STATION(S)
PANEL					
WIDTH	9'-0"	WIDTH	1'		
HEIGHT	2'-0"	RADII	0"		
LEGEND	White	COLOR	White		
COLOR	Green				
SYMBOL(S)	ANGLE	X	Y	WID	HT
AR_Type D	90	6.9	14.5	6	9
AR_Type D	270	92.1	3.5	6	9
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Land	COLUMN SIZE	AVERAGE LENGTH	

ASSEMBLY TO BE DOUBLE PANEL, TWO WAY,
INTERNALLY ILLUMINATED STREET SIGN ASSEMBLY

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE

[illegible]

SIGN NAME		QTY		SIGN NUMBER		STATION(S)	
PANEL		BORDER					
WIDTH		WIDTH					
HEIGHT		RADII					
LEGEND		COLOR					
COLOR							
SYMBOL(S)		ANGLE	X	Y	WID	HT	
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE		AVERAGE LENGTH		
NO. OF LIGHT FIXTURES		FIXTURE SPACING		PHOTOMETRIC CURVE		WATT	VOLTAGE

[illegible]

	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>GUIDE SIGN WORKSHEET</i>	SHEET NO.
	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-8
	SR 25	HIGHLANDS	451362-1-52-02		