

**CONTRACT PLANS COMPONENTS**

ROADWAY PLANS  
SIGNING AND PAVEMENT MARKING PLANS  
SIGNALIZATION PLANS

A DETAILED INDEX APPEARS ON THE  
KEY SHEET OF EACH COMPONENT

**INDEX OF ROADWAY PLANS**

SHEET NO.	SHEET DESCRIPTION
T-01	KEY SHEET
T-02 TO T-03	SIGNALIZATION PLANS

*STATE OF FLORIDA*  
**DEPARTMENT OF TRANSPORTATION**

**SIGNALIZATION PLANS**

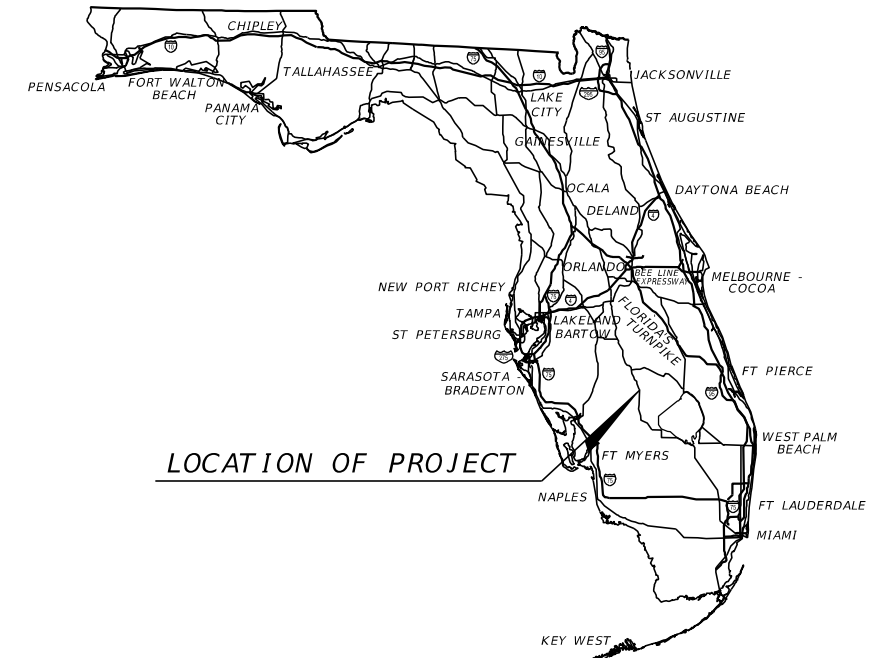
FINANCIAL PROJECT ID 448937-1-52-01

(FEDERAL FUNDS)

HIGHLANDS COUNTY (09010)

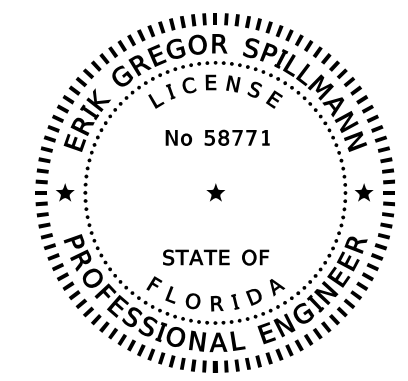
SR 25 (US 27) FROM S OF HORN RD TO S OF SHORELINE DR

PROJECT LOCATION URL: <https://tinyurl.com/2z2sf9h5>  
PROJECT DESCRIPTION: RESURFACING  
PROJECT LIMITS: BEGIN MP 6.527 - END MP 16.323  
EXCEPTIONS: NONE  
BRIDGE LIMITS: NONE  
RAILROAD CROSSING: NONE



LOCATION OF PROJECT

PHASE IV SUBMITTAL:  
2/12/2024



THIS ITEM HAS BEEN  
SIGNED AND SEALED BY

SIGNALIZATION PLANS  
ENGINEER OF RECORD:

ERIK G. SPILLMANN, P.E.  
P.E. LICENSE NUMBER 58771  
BCC ENGINEERING, LLC  
160 N. WESTMONTE DRIVE, SUITE 2000  
ALTAMONTE SPRINGS, FLORIDA 32714  
CONTRACT NO.: TBD  
VENDOR NO.: 65-0540100

FDOT PROJECT MANAGER:

RYAN WEEKS, PMP, CPM

**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY2024-25 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>

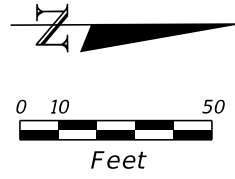
APPLICABLE IRs: N/A

**GOVERNING STANDARD SPECIFICATIONS:**

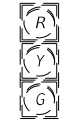
Florida Department of Transportation, FY 2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	25	T-01

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PED. SIGNAL  
COUNT-DOWN  
1-SECT., 2-WAY  
4 EXISTING



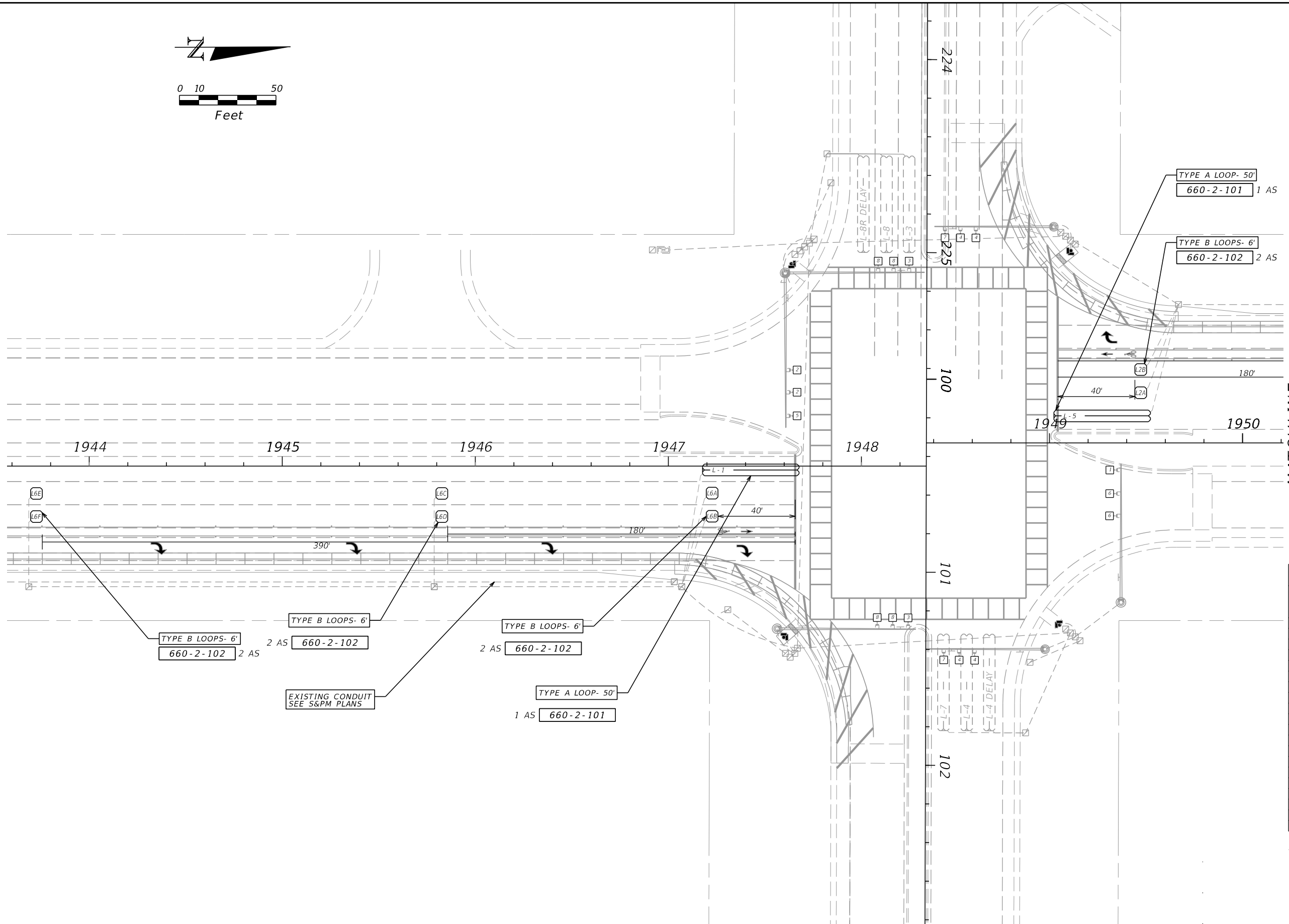
3-SECT., 1-WAY  
12 EXISTING



3-SECT., 1-WAY  
2 EXISTING



4-SECT., 1-WAY  
4 EXISTING



MATCHLINE

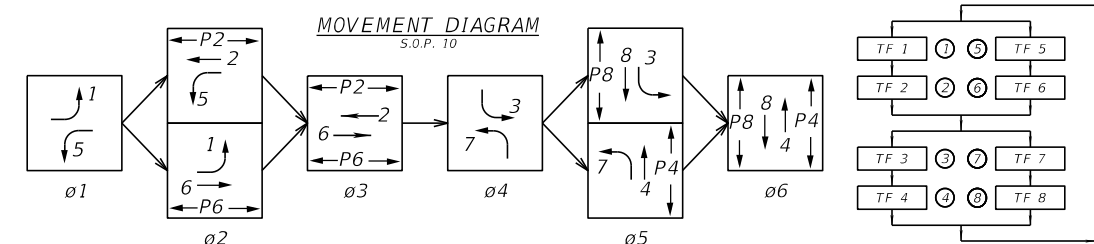
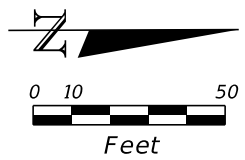
DETECTORS FOR LOOPS				
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC)
L-1	1		1	
L-5	1		1	
L-3	1		1	
L-7	1		1	
L-4	1		1	
L-8	1		1	
L-2A	1		1	
L-2B	1		1	
L-2C	1		1	
L-2D	1		1	
L-2E	1		1	
L-2F	1		1	
L-6A	1		1	
L-6B	1		1	
L-6C	1		1	
L-6D	1		1	
L-6E	1		1	
L-6F	1		1	
L-4R	1		1	8
L-8R	1		1	8

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER.

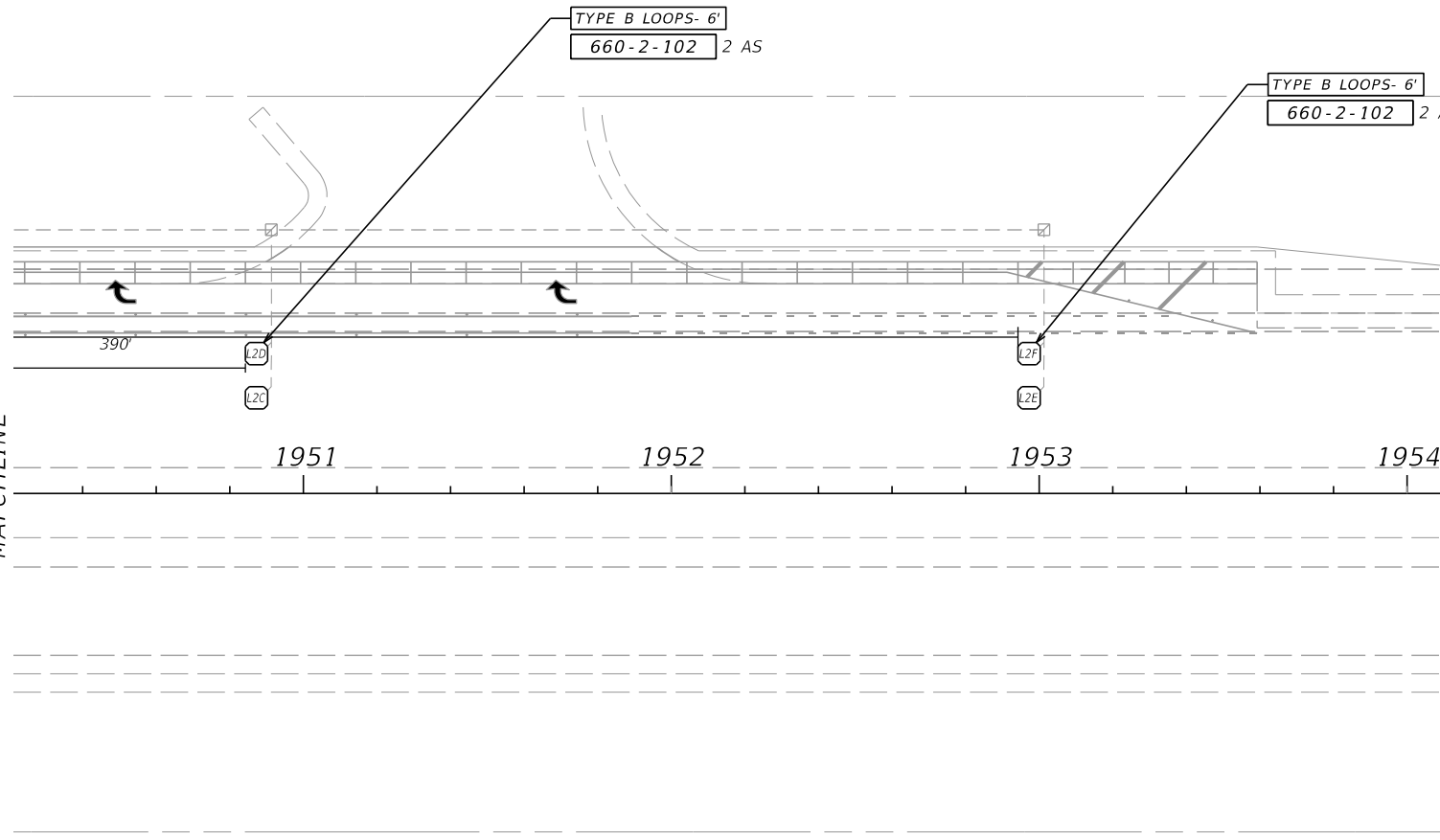
2/15/2024 10:05:10 AM mtr:zeczak c:\bms\bbc-pwr-01\matthew\_trzecek\0205924.DSGN5G02.dgn

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLANS	SHEET NO.  T-02
DATE	DESCRIPTION	DATE	DESCRIPTION	ERIK SPILLMANN P.E. LICENSE NUMBER: 58771 BCC ENGINEERING, LLC. 160 N WESTMONTE DRIVE, SUITE 2000 ALTAMONTE SPRINGS, FLORIDA 32714			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 25	HIGHLANDS	448937-1-52-01					

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



MATCH EXISTING S.O.P.



CONTROLLER TIMINGS								
TIMING FUNCTION								
MOVEMENT NUMBER (CONTROLLER PHASE)	1	2	3	4	5	6	7	8
DIRECTION	NBL	SB	EBL	WB	SBL	NB	WBL	EB
TURN TYPE	PROT		PROT/PERM		PROT		PROT/PERM	
MINIMUM GREEN	5	17	5	10	5	17	5	10
EXTENSION	3.0	2.4	3.0	3.0	3.0	2.4	3.0	3.0
MAXIMUM GREEN 1	20	50	20	63	20	50	20	64
MAXIMUM GREEN 2	-	-	-	-	-	-	-	-
MAXIMUM LIMIT	-	-	-	-	-	-	-	-
ADJUST BY	-	-	-	-	-	-	-	-
YELLOW CLEARANCE	5.5	5.5	4.8	4.8	5.5	5.5	4.8	4.8
ALL RED	2.6	2.0	2.1	2.1	2.6	2.0	2.1	2.1
PEDESTRIAN WALK		7		7		7		7
PED. CLEARANCE		37		53		37		53
DETECTOR MEMORY	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
DET. CROSS SWITCH.	-	-	YES	-	-	-	YES	-
DUAL ENTRY	-	ON	-	ON	-	ON	-	ON
RECALL		MIN				MIN		

TIMINGS ARE INITIAL AND MAY HAVE BEEN FIELD ADJUSTED. MATCH EXISTING TIMINGS.

- NOTES:
- DZ LAYOUT BASED ON A SPEED LIMIT OF 55 MPH.
  - MAJOR STREET IS SR 25 (US 27) (2 & 6) AND MINOR STREET IS SR 70.
  - SIGNAL OPERATING PLAN (SOP 10) FDOT STANDARD PLANS INDEX 671-001 WITH THE FOLLOWING FEATURES: DURING FLASH OPERATION, SIGNAL HEADS 2 & 6 WILL FLASH YELLOW AND ALL OTHER SIGNAL HEADS SHALL FLASH RED.
  - PROGRAM A START-UP DELAY OF TWO (2) SECONDS FOR THE FLASHING YELLOW ARROW ON MOVEMENTS 3 AND 7 (RELATIVE TO THE OPPOSING THROUGH MOVEMENTS).

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ERIK SPILLMANN P.E. LICENSE NUMBER: 58771 BCC ENGINEERING, LLC. 160 N WESTMONTE DRIVE, SUITE 2000 ALTAMONTE SPRINGS, FLORIDA 32714			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 25	HIGHLANDS	448937-1-52-01	<b>SIGNALIZATION PLANS</b>			

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