

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS
- LIGHTING PLANS

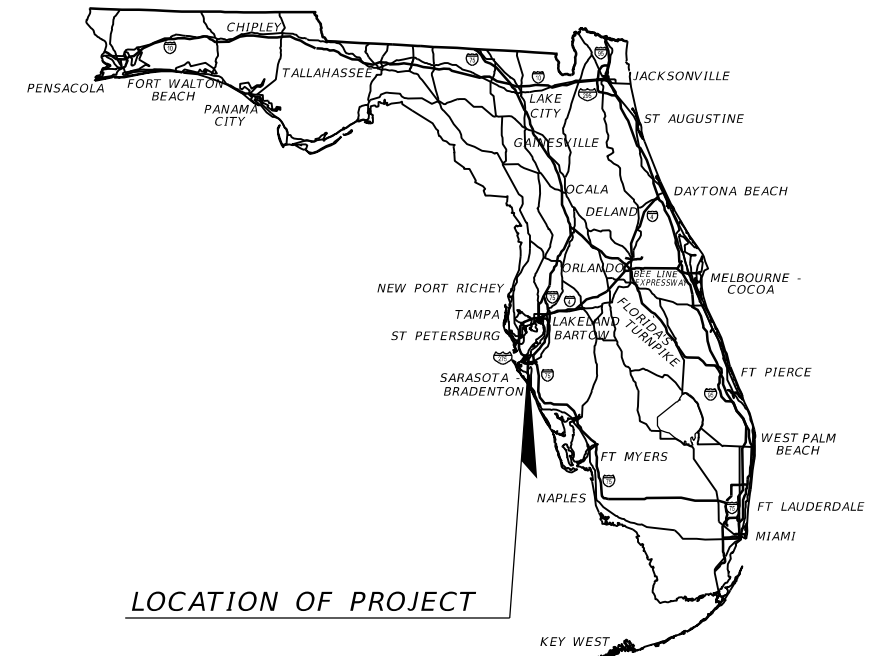
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

SIGNALIZATION PLANS

FINANCIAL PROJECT ID 447379-1-52-01

MANATEE COUNTY (13130)

STATE ROAD NO. 55 (S TAMiami TRAIL)
RRR FROM 23RD AVE W TO 39TH ST E



LOCATION OF PROJECT

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.

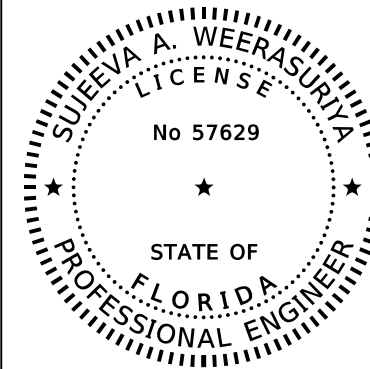
SIGNALIZATION PLANS ENGINEER OF RECORD:

SUJEEVA A. WEERASURIYA, P.E.
P.E. LICENSE NUMBER 57629
PATEL, GREENE & ASSOCIATES, LLC
12570 TELECOM DRIVE
TEMPLE TERRACE, FL 33637
(813) 978-3100
CONTRACT NO.: CAK18
VENDOR NO.: F452209743-001

FDOT PROJECT MANAGER:

SCOTT MCCALL

PROJECT LOCATION URL: <https://tinyurl.com/2nvfs7yc>
PROJECT LIMITS: BEGIN MP 1.126 - END MP 6.000
EXCEPTIONS: MP 1.661 - MP 1.746
 MP 2.143 - MP 2.181
BRIDGE LIMITS: BR#130053 MP 2.617 - MP 3.038
 BR#130002 MP 4.032 - MP 4.065
 BR#130008 MP 4.261 - MP 4.293
 BR#130009 MP 5.342 - MP 5.408
RAILROAD CROSSING: DOT/AAR CROSSING NO. 624712-B
 RR MP AZA 917.00, CSXT, INC.
 MP 1.661
 DOT/AAR CROSSING NO. 624612-W
 RR MP SWC 870.56, CSXT, INC.
 MP 4.264
 DOT/AAR CROSSING NO. 624730-Y
 RR MP AZA 913.1, CSXT, INC.
 MP 5.342



PHASE IIR
MARCH 2024

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2024-25 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>

Standard Plans for Bridge Construction are included in the Structures Plans Component

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-1

GENERAL NOTES:

1. MANATEE COUNTY IS THE MAINTAINING AGENCY FOR THE SIGNALIZATION.

MANATEE COUNTY TRAFFIC ENGINEERING DIVISION
 VISHAL KAKKAD
 2101 47TH TERRACE EAST
 BRADENTON, FLORIDA 34203
 PH: 941-749-3500 EXT. 7812
 VISHAL.KAKKAD@MYMANATEE.ORG

2. COAT ALL THREADED HARDWARE AND MECHANICAL/ELECTRICAL CONNECTION TERMINATIONS WITH AN OXIDE INHIBITOR.

3. WEATHERPROOF IRREGULAR MATTING SURFACES SUCH AS AREAS INCLUDING SEPARATED SIGNAL COUPLINGS, CONTROLLER CABINET FOUNDATION, PEDESTRIAN PUSH BUTTONS, AND ANY OTHER AREAS TYPICALLY PRONE TO MOISTURE INFILTRATION BY APPLYING A BEAD OF SILICONE CAULK.

4. REQUEST UPDATED SIGNAL TIMINGS FROM FDOT TSM&O ENGINEER-ARTERIALS (863-519-2216) WHEN ALL LANES, STRIPING AND SIGNALS 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 THE FDOT.

5. COORDINATE WITH THE ENGINEER, IN CONJUNCTION WITH MANATEE COUNTY'S TRAFFIC ENGINEERING DIVISION (941-749-3502 EXT. 7812), AT LEAST TWO WEEKS BEFORE ANY CABINET MODIFICATIONS ARE TO BE PERFORMED. THE ENGINEER, IN CONJUNCTION WITH MANATEE COUNTY ENGINEERING DIVISION PERSONNEL, WILL REVIEW, ASSIST AND PROVIDE TECHNICAL SUPPORT RELEVANT TO ANY FIELD MODIFICATIONS THAT ARE NECESSARY.

6. NOTIFY THE ENGINEER ONE WEEK PRIOR TO THE BEGINNING OF THE TRAFFIC SIGNAL INSTALLATION OR TURN ON OF A NEW SIGNAL.

RESIDENT UTILITY COORDINATOR
 FLORIDA DEPARTMENT OF TRANSPORTATION
 MANATEE OPERATIONS CENTER
 14000 FL-64
 BRADENTON, FL 34212
 PH: 941-708-4400

MANATEE COUNTY TRAFFIC ENGINEERING DIVISION
 VISHAL KAKKAD
 2101 47TH TERRACE EAST
 BRADENTON, FLORIDA 34203
 PH: 941-749-3500 EXT. 7812

7. DELIVER THREE SETS OF RECORD DRAWINGS, TWO SETS OF IMSA INSPECTION FORMS AND ONE COMPACT DISC OF RECORD DRAWINGS TO MR. AARON BURKETT, THE MANATEE COUNTY TRAFFIC OPERATIONS DIVISION MANAGER AT 2904 12TH ST CT E, BRADENTON, FL 34208. RECORD DRAWINGS MUST BE DELIVERED TO THE COUNTY FIVE (5) BUSINESS DAYS PRIOR TO SCHEDULING THE FINAL INSPECTION.

8. UPON PASSING THE FINAL INSPECTION, SEND A WRITTEN REQUEST TO THE PROJECT MANAGEMENT DIVISION AND THE TRAFFIC OPERATIONS DIVISION TO TRANSFER MAINTENANCE FROM THE CONTRACTOR TO MANATEE COUNTY. MANATEE COUNTY WILL RESPOND WITHIN 5 WORKING DAYS TO ESTABLISH A TIME TABLE FOR THE TRANSFER OF MAINTENANCE RESPONSIBILITY.

9. PROVIDE SIGNAL MAINTENANCE, TIMING AND OPERATION OF ALL SIGNAL AND SIGNAGE FROM COMMENCEMENT TO ACCEPTANCE OF THE PROJECT (I.E. EXISTING LOOP CUTS, SYSTEM COMMUNICATION TERMINATED, LANE OR PAVEMENT MODIFICATIONS, PEDESTRIAN MODIFICATIONS, TRAFFIC SIGNAL SCHOOL FLASHER, WARNING FLASHER, ROADWAY LIGHTING, COUNT STATIONS, AND ANY OTHER TRAFFIC RELATED WITHIN THE CONSTRUCTION ZONE).

10. INSTALL AND MAINTAIN TEMPORARY VEHICLE DETECTION FOR ALL APPROACHES AND PHASES THROUGHOUT THE CONSTRUCTION PROJECT. THE DETECTION DEVICES SHALL BE PROPERLY INSTALLED, PROGRAMMED AND TUNED TO ENSURE PROPER OPERATION. MAKE ALL ADJUSTMENTS AND REPAIRS AS NEEDED TO ENSURE THE DETECTION IS PROPERLY FUNCTIONING THROUGHOUT THE PROJECT OR UNTIL THE PERMANENT DETECTION IS INSTALLED AND UNTIL MANATEE COUNTY ACCEPTS THE PROJECT. ANY DAMAGE TO THE EXISTING DETECTION SYSTEM AT AN INTERSECTION MUST BE RESTORED WITH TWENTY-FOUR (24) HOURS AT NO ADDITIONAL COST.

11. CONTACT THE LOCAL POWER COMPANY FOR THEIR ASSISTANCE IN PERFORMING ALL NECESSARY WORK UNDER POWER LINES. SUCH WORK SHALL INCLUDE, BUT NOT BE LIMITED TO THE INSTALLATION OF SPAN WIRE, SIGNAL CABLE, FIBERGLASS INSULATOR, AND/OR SIGNAL POLES.

12. AT THE COMPLETION OF THE PROJECT, PROVIDE AS-BUILT 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
 PH: 863-519-2216

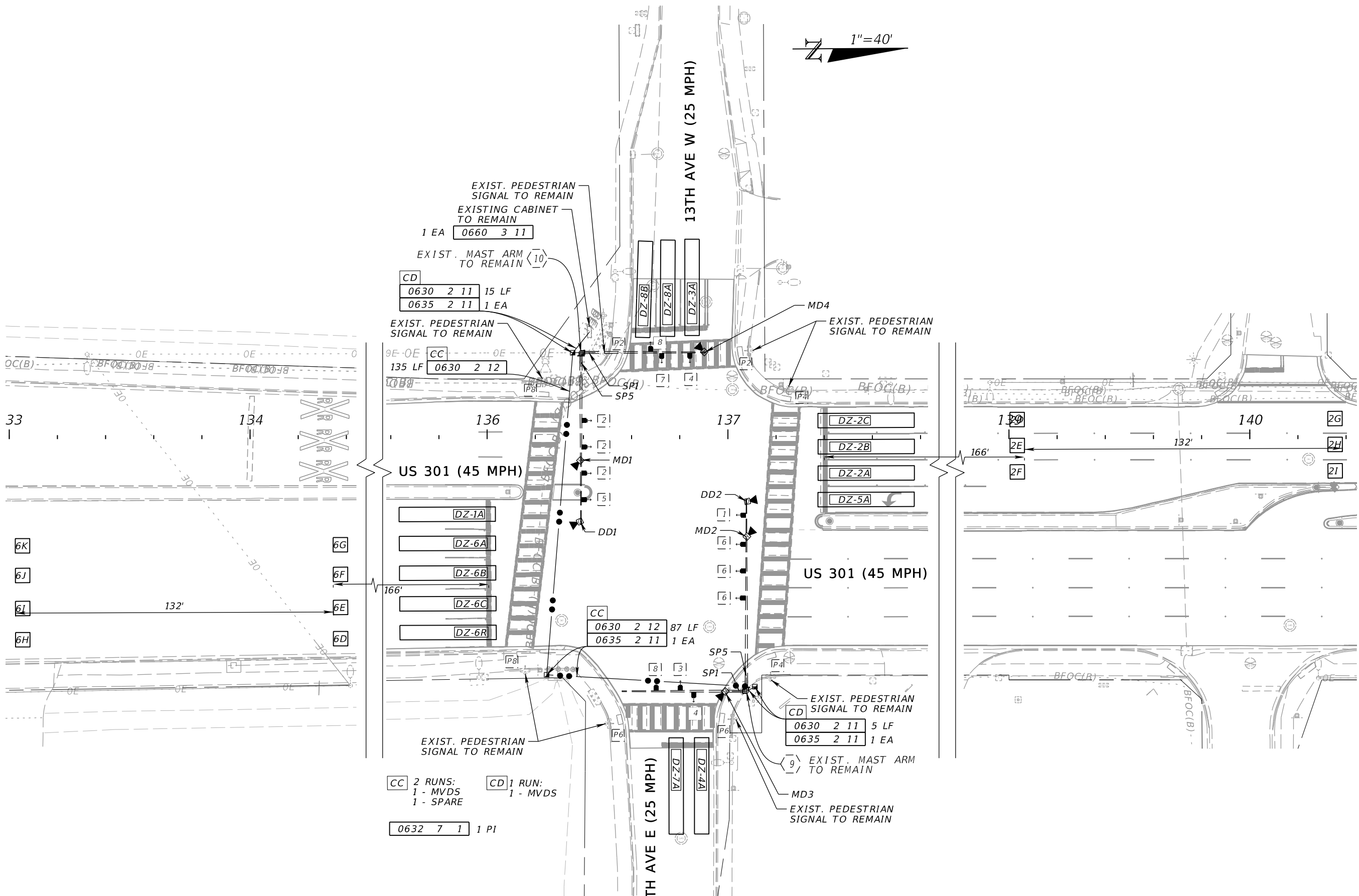
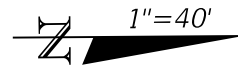
NOTE TO REVIEWER (SIGNALS):

1. MAST ARM TABULATION SHEET TO BE PROVIDED WITH PHASE III SUBMITTAL.
2. DESIGNER TO COORDINATE TO ACQUIRE AS - BUILT PLANS FOR INTERSECTIONS TO GET EXISTING S.O.P. AND SIGNAL TIMINGS
3. PAY ITEM NOTES WILL BE INCLUDED IN PHASE III SUBMITTAL.

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				GENERAL NOTES		
				ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				SUJEEVA A. WEERASURIYA, P.E. LICENSE NUMBER: 57629 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637	SR 55	MANATEE	447379-1-52-01	T-2	

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



EXIST. PEDESTRIAN SIGNAL TO REMAIN
EXISTING CABINET TO REMAIN
1 EA 0660 3 11

EXIST. MAST ARM TO REMAIN 10

CD
0630 2 11 15 LF
0635 2 11 1 EA

EXIST. PEDESTRIAN SIGNAL TO REMAIN

CC
135 LF 0630 2 12

EXIST. PEDESTRIAN SIGNAL TO REMAIN

US 301 (45 MPH)

US 301 (45 MPH)

13TH AVE E (25 MPH)

CC 2 RUNS:
1 - MVDS
1 - SPARE

CD 1 RUN:
1 - MVDS

0632 7 1 1 PI

EXIST. PEDESTRIAN SIGNAL TO REMAIN
CD
0630 2 11 5 LF
0635 2 11 1 EA

EXIST. MAST ARM TO REMAIN 9

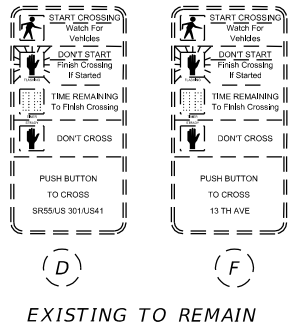
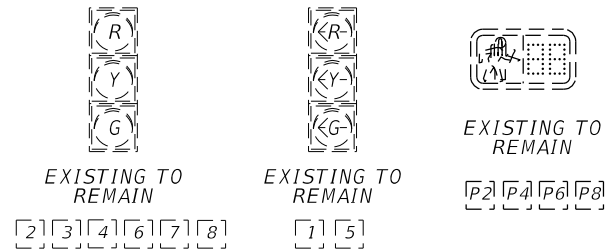
MD3
EXIST. PEDESTRIAN SIGNAL TO REMAIN

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SIGNALIZATION PLANS

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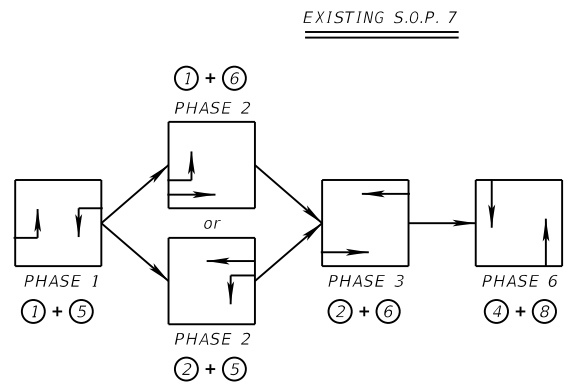
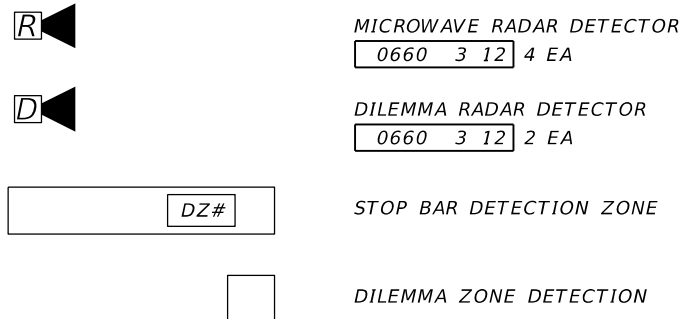


CONTROLLER TIMINGS								
MOVEMENT NUMBER	1	2	3	4	5	6	7	8
DIRECTION	NBLT	SB		WB	SBLT	NB		EB
TURN TYPE	Prot				Prot			
MINIMUM GREEN	5	10		7	5	10		7
EXTENSION	3.0	5.0		3.0	3.0	5.0		3.0
MAX I	25	70		45	25	75		45
MAX II	35	125		65	25	130		65
MAX LIMIT								
YELLOW CLEARANCE	4.8	4.8		3.4	4.8	4.8		3.4
ALL RED	2.5	2.0		3.3	2.5	2.0		3.3
WALK		7		7		7		7
FLASHING DON'T WALK		12		29		10		29
DET. MEMORY								
DET. CROSS SWITCH								
DUAL ENTRY		ON		ON		ON		ON
RECALL		MIN PED				MIN PED		
REST IN WALK		ON				ON		

NOTES:

- MAJOR STREET IS US 301, MOVEMENTS 2 AND 6
MINOR STREET IS 13TH AVE, MOVEMENTS 4 AND 8
- POSTED SPEEDS:
US 301 = 45 MPH
13TH AVE = 25 MPH
- STOP DETECTION ZONES ARE LOCATED 2' BEYOND THE STOP BAR AND THEIR SIZES ARE AS FOLLOWS
- MAJOR STREET LEFT TURN AND THROUGH MOVEMENTS ARE 6'X40'
- MINOR STREET LEFT TURN AND THROUGH MOVEMENTS ARE 6'X40'
- DILEMMA ZONE DETECTION TO START 244' BEHIND THE STOP BAR TERMINATE 160' BEHIND THE STOP BAR. THE DILEMMA ZONE DETECTION SIZES ARE 6'X6'.
- REQUEST UPDATED SIGNAL TIMINGS FROM FDOT 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.
- WHEN SIGNAL IS IN FLASHING MODE, MOVEMENTS 2 AND 6 SHALL FLASH YELLOW. ALL OTHER VEHICLE MOVEMENTS SHALL FLASH RED.

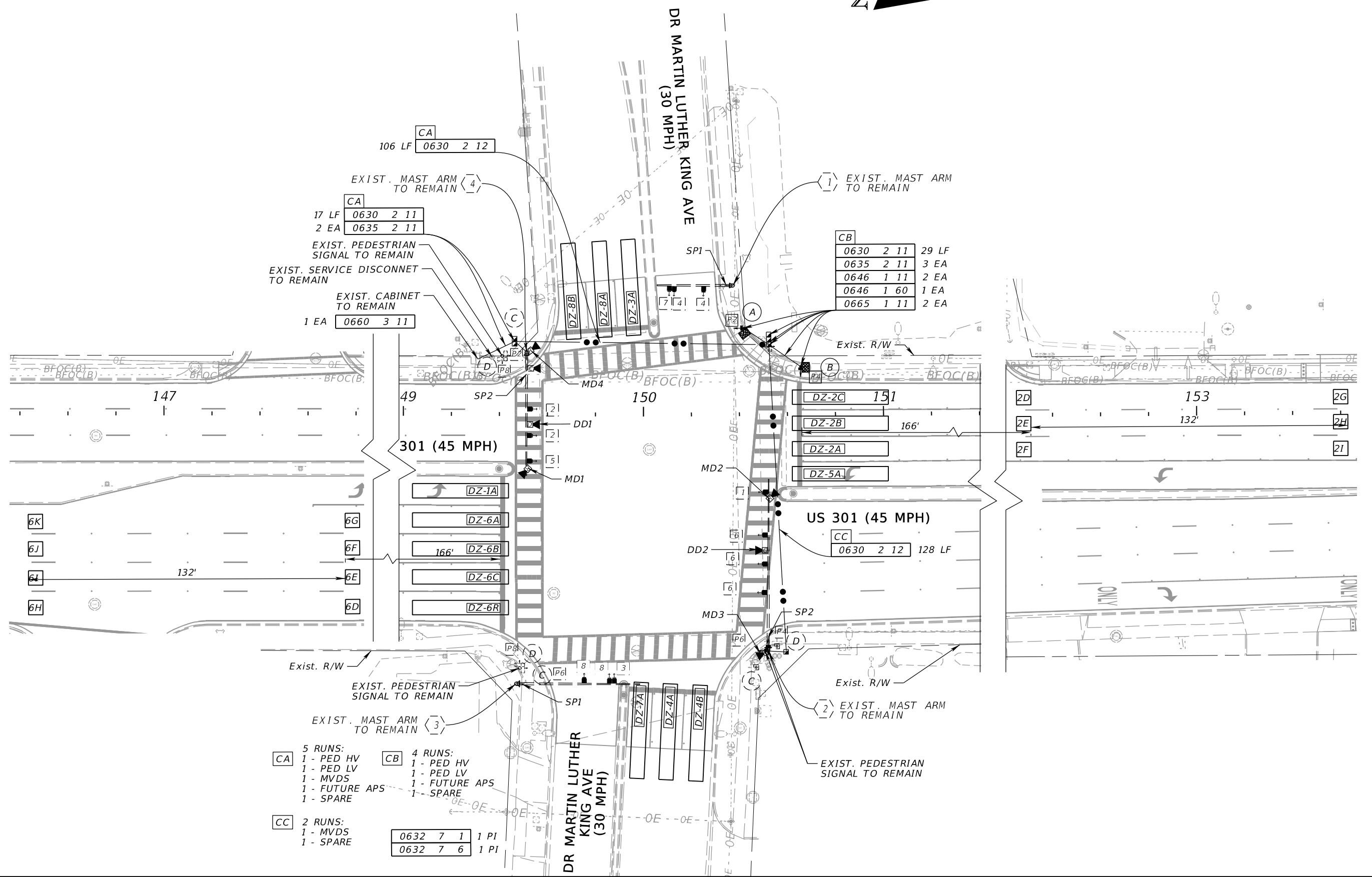
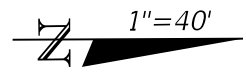
LEGEND:



MICROWAVE DETECTOR			
DETECTOR	DETECTION ZONE	CONNECT TO MOVEMENT	DELAY TIME (SEC)
MD1	1A	1	
	6A	6	
	6B	6	
	6C	6	
	6R	6	
MD2	5A	5	
	2A	2	
	2B	2	
MD3	2C	2	
	4A	4	
MD4	7A	7	3
	3A	3	3
	8A	8	
	8B	8	

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				SUJEEVA A. WEERASURIYA, P.E. LICENSE NUMBER: 57629 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637		SR 55	MANATEE	447379-1-52-01	T-4

SIGNALIZATION PLANS



106 LF CA 0630 2 12

EXIST. MAST ARM TO REMAIN (4)

17 LF CA 0630 2 11
2 EA 0635 2 11

EXIST. PEDESTRIAN SIGNAL TO REMAIN

EXIST. SERVICE DISCONNECT TO REMAIN

EXIST. CABINET TO REMAIN

1 EA 0660 3 11

CB

0630	2	11	29 LF
0635	2	11	3 EA
0646	1	11	2 EA
0646	1	60	1 EA
0665	1	11	2 EA

CC

0630	2	12	128 LF
------	---	----	--------

CA 5 RUNS:
1 - PED HV
1 - PED LV
1 - MVDS
1 - FUTURE APS
1 - SPARE

CB 4 RUNS:
1 - PED HV
1 - PED LV
1 - FUTURE APS
1 - SPARE

CC 2 RUNS:
1 - MVDS
1 - SPARE

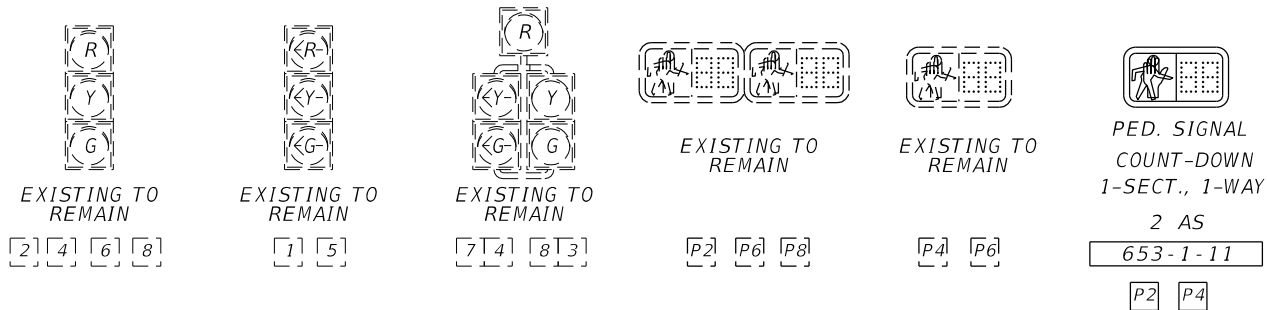
0632	7	1	1 PI
0632	7	6	1 PI

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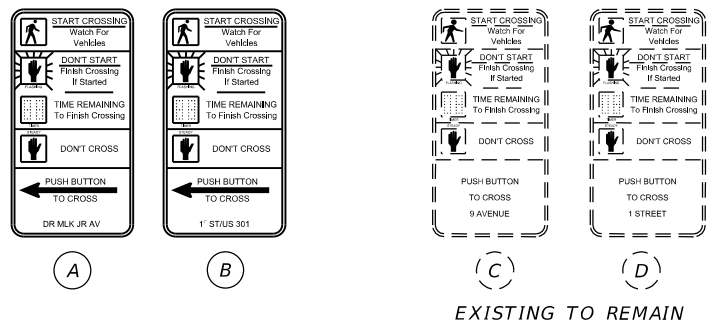
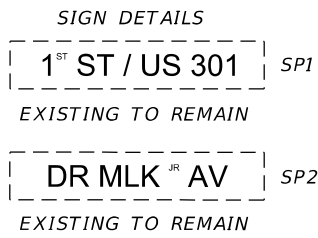
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SIGNALIZATION PLANS

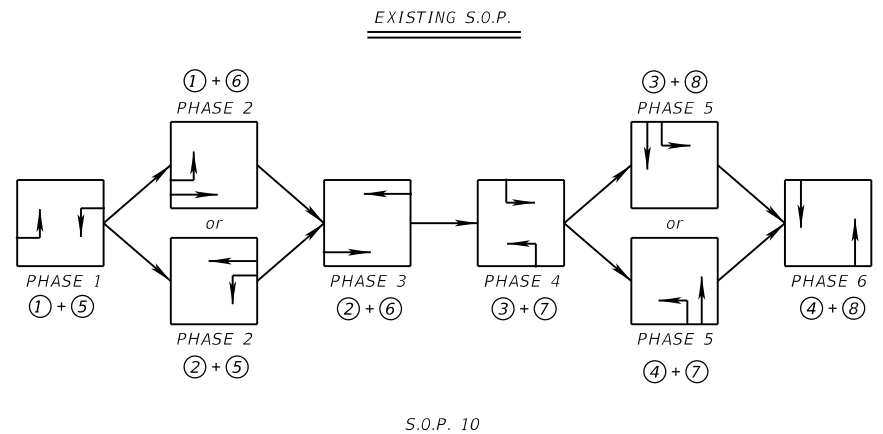
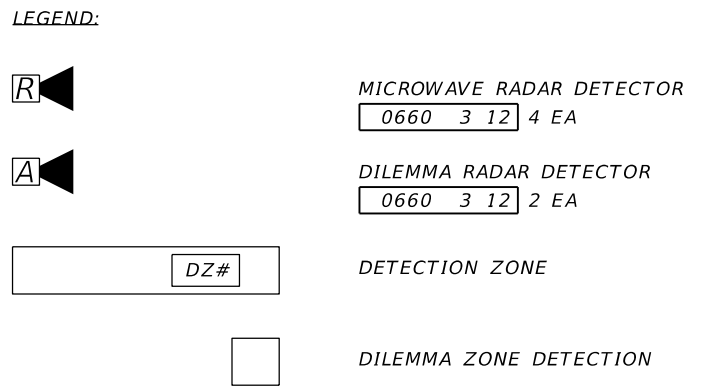
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CONTROLLER TIMINGS								
MOVEMENT NUMBER	1	2	3	4	5	6	7	8
DIRECTION	SBLT	NB	EBLT	WB	NBLT	SB	WBLT	EB
TURN TYPE	Prot		Prot/Perm		Prot		Prot/Perm	
MINIMUM GREEN	5	10	5	7	5	10	5	7
EXTENSION	5.0	5.0	3.0	3.0	3.0	5.0	3.0	3.0
MAX I	15	75	15	25	20	75	15	25
MAX II	30	120	30	45	30	120	35	40
MAX LIMIT								
YELLOW CLEARANCE	4.8	4.8	3.7	3.7	4.8	4.8	3.7	3.7
ALL RED	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.3
WALK		7		7		7		7
FLASHING DON'T WALK		26		33		25		32
DET. MEMORY								
DET. CROSS SWITCH			08				04	
DUAL ENTRY		ON		ON		ON		ON
RECALL		MIN				MIN		
REST IN WALK								



- NOTES:**
- MAJOR STREET IS US 301, MOVEMENTS 2 AND 6
MINOR STREET IS DR MLK^{JR} AV, MOVEMENTS 4 AND 8
 - POSTED SPEEDS:
US 301 = 45 MPH
DR MLK^{JR} AV = 30 MPH
 - STOP DETECTION ZONES ARE LOCATED 2' BEYOND THE STOP BAR AND THEIR SIZES ARE AS FOLLOWS
- MAJOR STREET LEFT TURN AND THROUGH MOVEMENTS ARE 6'X40'
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 - WHEN SIGNAL IS IN FLASHING MODE, MOVEMENTS 2 AND 6 SHALL FLASH YELLOW. ALL OTHER VEHICLE MOVEMENTS SHALL FLASH RED. FLASH THE 5-SECTION HEADS AS THE SAME COLOR AS THE ADJACENT THROUGH LANE.



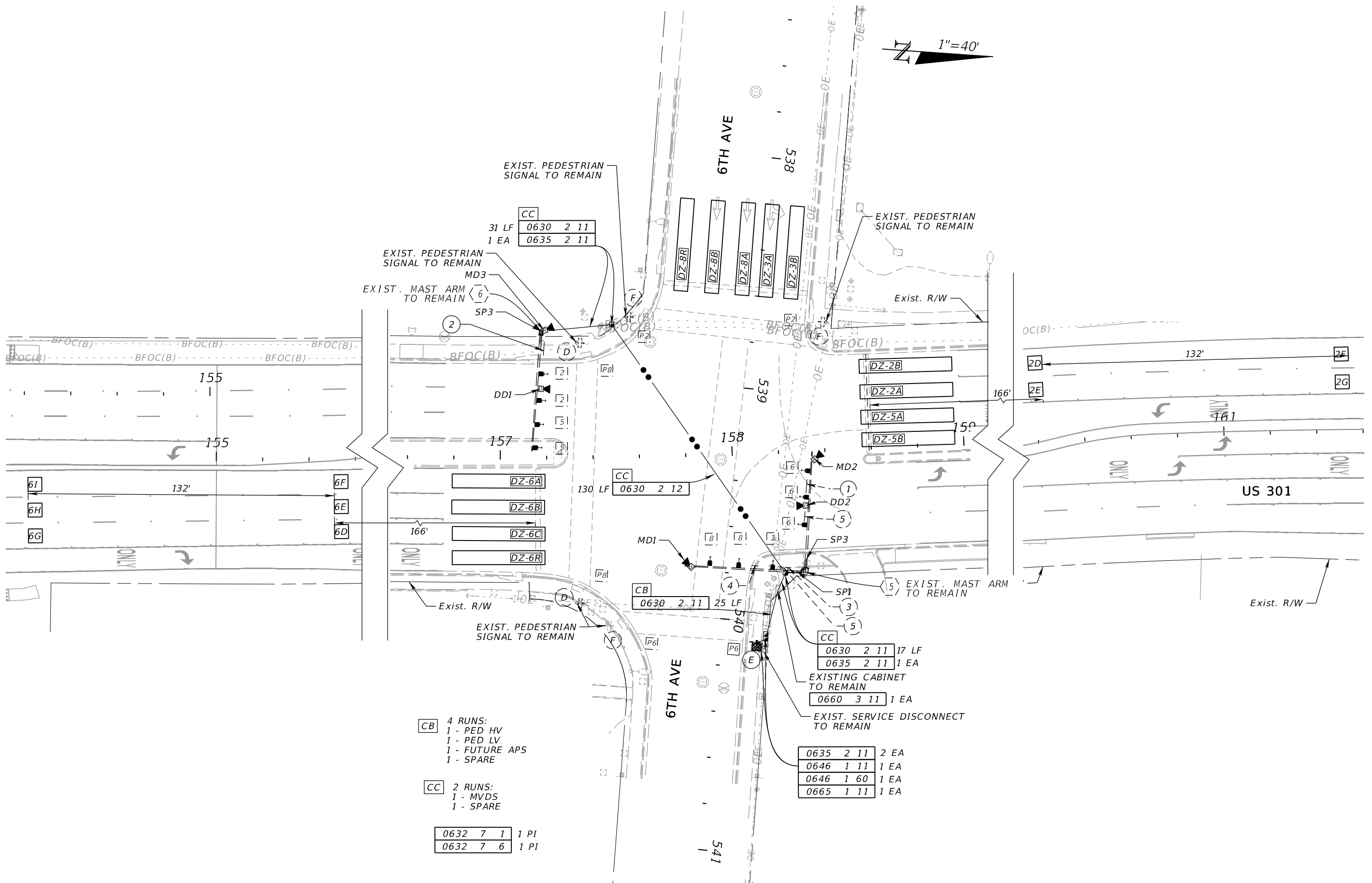
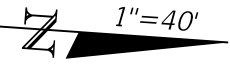
MICROWAVE DETECTOR			
DETECTOR	DETECTION ZONE	CONNECT TO MOVEMENT	DELAY TIME (SEC)
MD1	1A	1	
	6A	6	
	6B	6	
	6C	6	
	6R	6	
MD2	5A	5	
	2A	2	
	2B	2	
MD3	2C	2	
	4A	4	
	4B	4	
MD4	7A	7	
	3A	3	
	8A	8	
	8B	8	

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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SIGNALIZATION PLANS

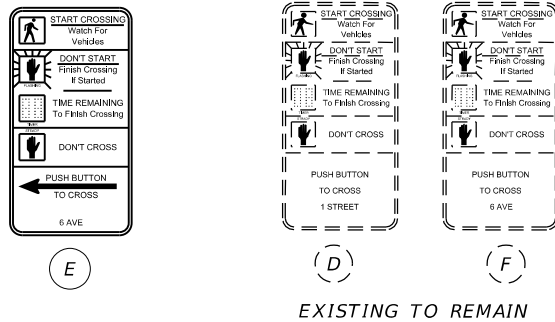
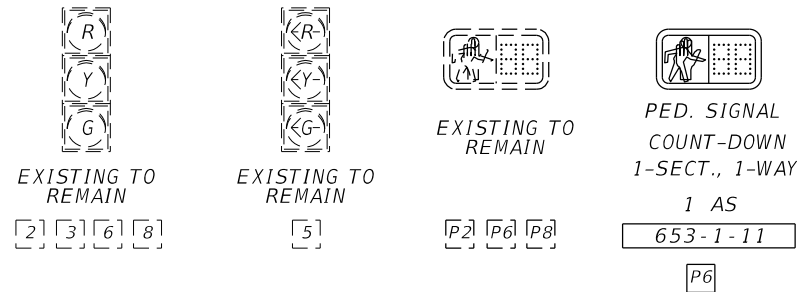
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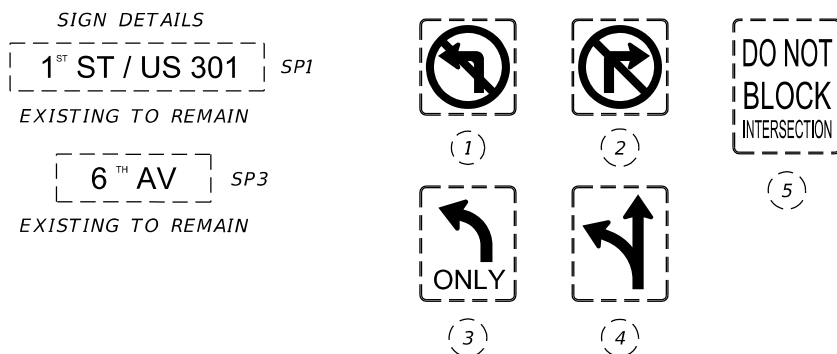
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLANS	SHEET NO. T-7
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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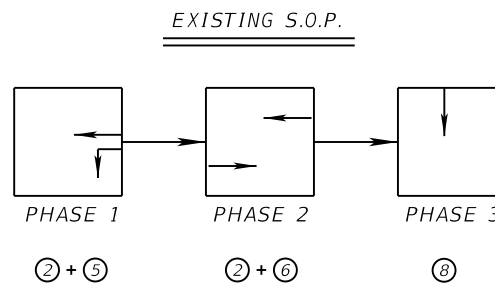
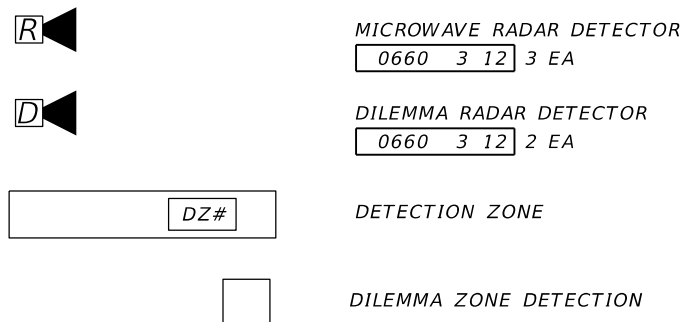
EXISTING SIGNS TO REMAIN



NOTES:

- MAJOR STREET IS US 301, MOVEMENTS 2 AND 6 MINOR STREET IS 6TH AVE, MOVEMENTS 8
- POSTED SPEEDS:
US 301 = 45 MPH
6TH AVE = 30 MPH
- STOP DETECTION ZONES ARE LOCATED 2' BEYOND THE STOP BAR AND THEIR SIZES ARE AS FOLLOWS
- MAJOR STREET LEFT TURN AND THROUGH MOVEMENTS ARE 6'X40'
- MINOR STREET LEFT TURN AND THROUGH MOVEMENTS ARE 6'X40'
- DILEMMA ZONE DETECTION TO START 244' BEHIND THE STOP BAR TERMINATE 160' BEHIND THE STOP BAR. THE DILEMMA ZONE DETECTION SIZES ARE 6'X6'.
- REQUEST UPDATED SIGNAL TIMINGS FROM FDOT 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.
- WHEN SIGNAL IS IN FLASHING MODE, MOVEMENTS 2 AND 6 SHALL FLASH YELLOW. ALL OTHER VEHICLE MOVEMENTS SHALL FLASH RED.

LEGEND:

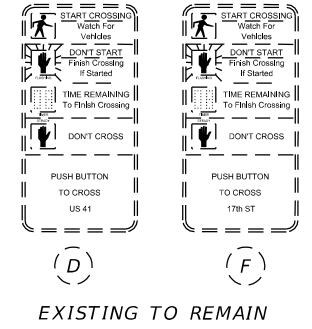
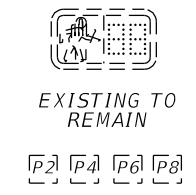
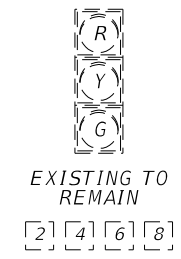
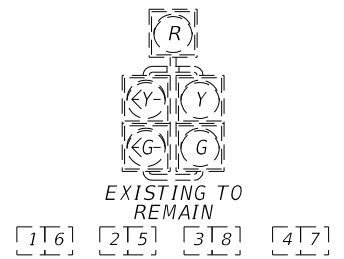


CONTROLLER TIMINGS								
MOVEMENT NUMBER	1	2	3	4	5	6	7	8
DIRECTION		NB			SBLT	SB		EB
TURN TYPE					PROT			
MINIMUM GREEN		10			5	10		7
EXTENSION		5.0			3.0	5.0		3.0
MAX I		65			30	65		40
MAX II		110			40	110		60
MAX LIMIT								
YELLOW CLEARANCE		4.8			4.8	4.8		3.7
ALL RED		2.0			3.6	2.0		2.0
WALK		7				7		7
FLASHING DON'T WALK		21				21		27
DET. MEMORY								
DET. CROSS SWITCH								
DUAL ENTRY								
RECALL		MIN				MIN		
REST IN WALK								

MICROWAVE DETECTOR			
DETECTOR	DETECTION ZONE	CONNECT TO MOVEMENT	DELAY TIME (SEC)
MD1	6A	6	
	6B	6	
	6C	6	
	6R	6	
MD2	5A	5	
	5B	5	
	2A	2	
	2B	2	
MD3	3A	3	
	3B	3	
	8A	8	
	8B	8	
	8R	8	

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SUJEEVA A. WEERASURIYA, P.E. LICENSE NUMBER: 57629 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 55	MANATEE	447379-1-52-01	T-8

SIGNALIZATION PLANS

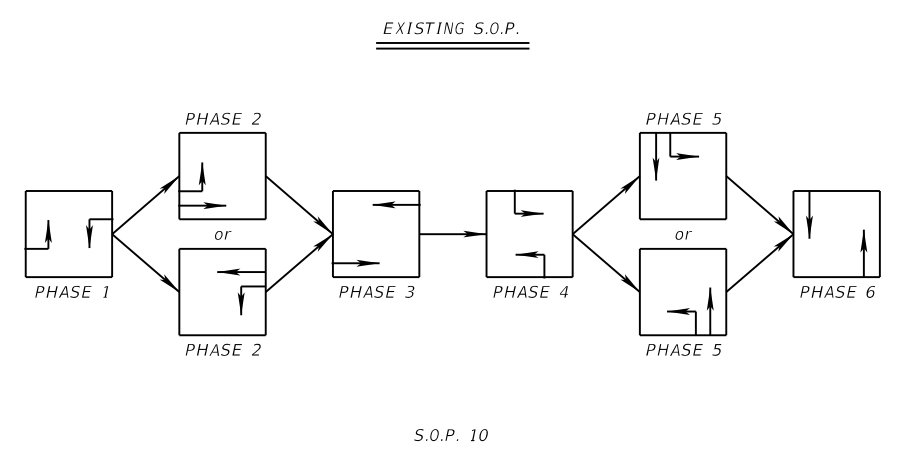


NOTES:

- MAJOR STREET IS US 301, MOVEMENTS 2 AND 6
MINOR STREET IS 17TH AVE, MOVEMENTS 8
- POSTED SPEEDS:
US 301 = 50 MPH
17TH AVE = 30 MPH
- STOP DETECTION ZONES ARE LOCATED 2' BEYOND THE
STOP BAR AND THEIR SIZES ARE AS FOLLOWS
- MAJOR STREET LEFT TURN AND THROUGH MOVEMENTS ARE 6'X40'
- MINOR STREET LEFT TURN AND THROUGH MOVEMENTS ARE 6'X40'
- DILEMMA ZONE DETECTION TO START 356' BEHIND THE STOP BAR TERMINATE 190' BEHIND
THE STOP BAR. THE DILEMMA ZONE DETECTION SIZES ARE 6'X6'.
- REQUEST UPDATED SIGNAL TIMINGS FROM FDOT 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.
- WHEN SIGNAL IS IN FLASHING MODE, MOVEMENTS 2 AND 6 SHALL FLASH YELLOW. ALL
OTHER VEHICLE MOVEMENTS SHALL FLASH RED. FLASH THE 5-SECTION HEADS AS THE
SAME COLOR AS THE ADJACENT THROUGH LANE.

LEGEND:

- MICROWAVE RADAR DETECTOR
0660 3 12 4 EA
- DILEMMA RADAR DETECTOR
0660 3 12 2 EA
- STOP BAR DETECTION ZONE
DZ#
- DILEMMA ZONE DETECTION



CONTROLLER TIMINGS								
MOVEMENT NUMBER	1	2	3	4	5	6	7	8
DIRECTION	NBLT	SB	EBLT	WB	SBLT	NB	WBLT	EB
TURN TYPE	Prot		Prot		Prot		Prot	
MINIMUM GREEN								
EXTENSION								
MAX I								
MAX II								
MAX LIMIT								
YELLOW CLEARANCE	5.1	5.1	4.4	4.4	5.1	5.1	4.4	4.4
ALL RED	2.5	2.0	2.4	2.0	2.5	2.0	2.4	2.0
WALK		7		7		7		7
FLASHING DON'T WALK		17		25		23		25
DET. MEMORY								
DET. CROSS SWITCH								
DUAL ENTRY		ON		ON		ON		ON
RECALL		MIN				MIN		
REST IN WALK								

MICROWAVE DETECTOR			
DETECTOR	DETECT ION ZONE	CONNECT TO MOVEMENT	DELAY TIME (SEC)
MD1	1A	1	
	6A	6	
	6B	6	
MD2	5A	5	
	2A	2	
MD3	2B	2	
	4A	4	
	4B	4	
MD4	7A	7	
	3A	3	
	8A	8	

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION							
				SUJEEVA A. WEERASURIYA, P.E. LICENSE NUMBER: 57629 PATEL, GREENE & ASSOCIATES, LLC 12570 TELECOM DRIVE TEMPLE TERRACE, FL 33637			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	T-10
							SR 55	MANATEE	447379-1-52-01	

SIGNALIZATION PLANS

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