

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 427321-5-52-01

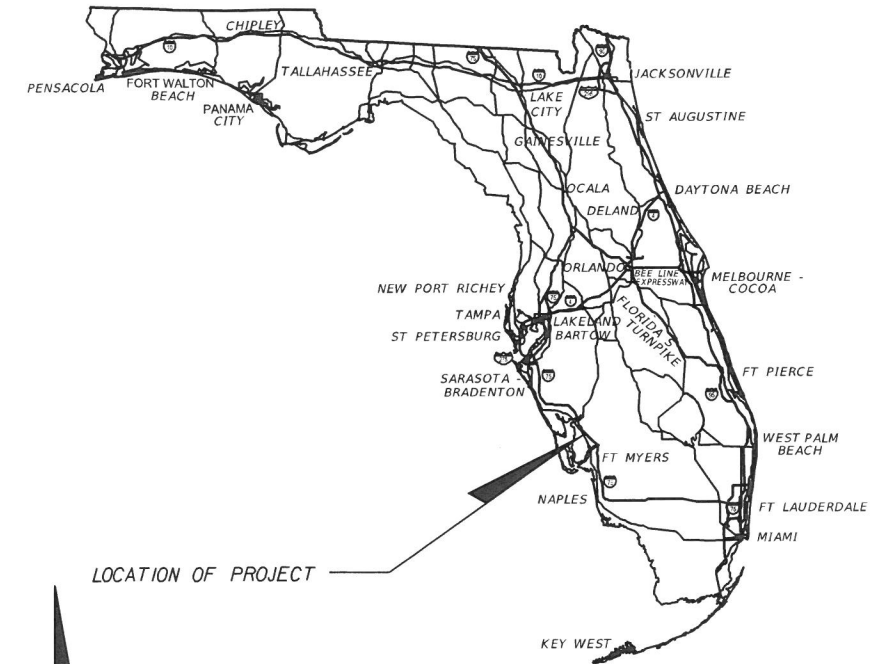
LEE COUNTY (12010)

STATE ROAD NO. 45

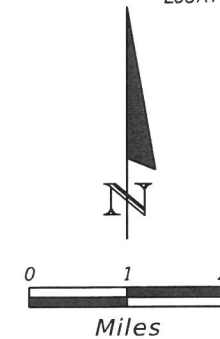
SIGNALIZATION PLANS

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LOCATION OF PROJECT



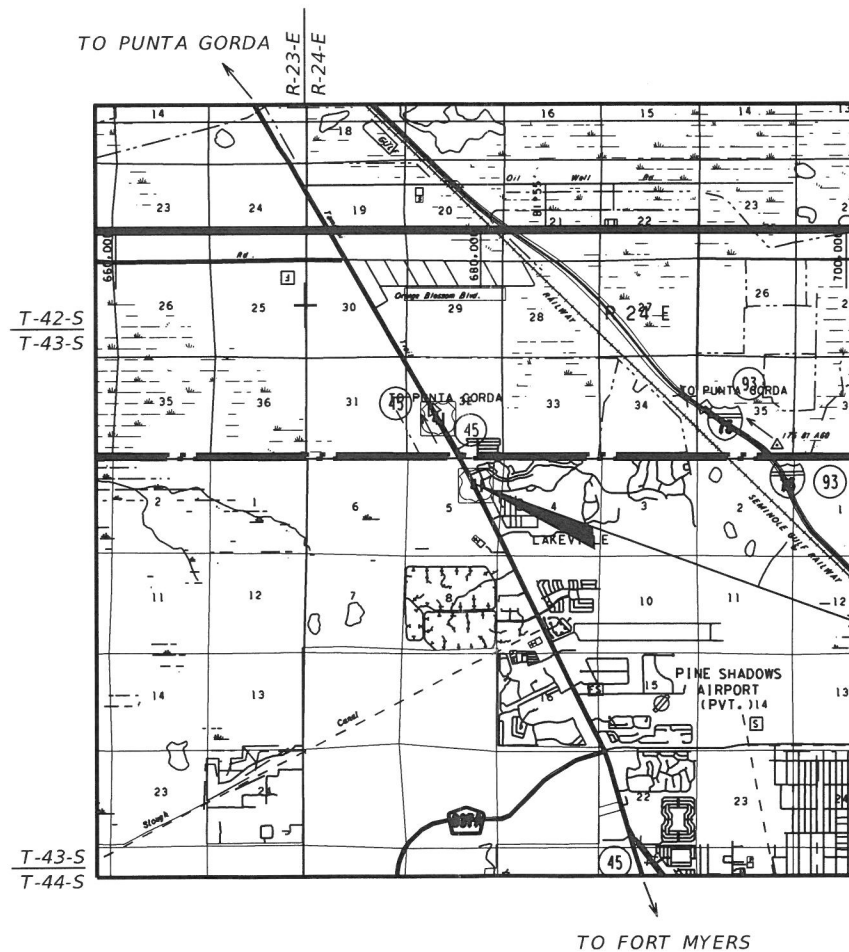
SIGNALIZATION SHOP DRAWINGS
TO BE SUBMITTED TO:

JUAN P. CAMACHO, P.E.
DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL, 32814
PHONE: (407) 896-0594

PLANS PREPARED BY:

DRMP, INC.
941 LAKE BALDWIN LANE
ORLANDO, FL, 32814
PHONE: (407) 896-0594 FAX: (407) 896-4836
CERTIFICATE OF AUTHORIZATION NO. 2648
CONTRACT NO. C-9D55
VENDOR NO. 591791174001

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.



SIGNAL LOCATION
US 41 (SR 45) AT
AVENIDA DEL VERA
MP 33.155

KEY SHEET REVISIONS

DATE	DESCRIPTION

SIGNALIZATION PLANS
ENGINEER OF RECORD: JUAN P. CAMACHO, P.E.

P.E. NO.: 60031

FISCAL YEAR	SHEET NO.
	T-1

GEC PUSH BUTTON PROJECT MANAGER: DAVID D. GILLEY

PROJECT NOTES:

1. UTILITY OWNERS:

UTILITY

BALGAS
CENTURYLINK FT MEYERS
COMCAST
FLORIDA GOVT UTILITY AUTHORITY
FP&L FIBERNET LLC
LEE COUNTY ELECTRIC CO-OP
LEE COUNTY UTILITIES
M D U COMMUNICATIONS
TECO PEOPLES GAS

CONTACT

DAN GARDNER
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ART DACRE
DANNY HASKETT
BOB YOUNGBLOOD
TOM MAMOTT
COMMAND CENTER
MARILYN ALOI

PHONE

239-278-3111
239-336-2035
239-432-1861
407-629-6900
305-552-2931
239-656-2196
239-533-8576
856-649-9888
239-690-5517

2. ALL STANDARD SIGNAL PULL BOXES SHALL BE STAMPED "TRAFFIC SIGNAL" ON THE COVER AND ALL FIBER OPTIC PULL BOXES SHALL BE STAMPED "TRAFFIC ITS" ON THE COVER. PULL BOXES AND LIDS ARE TO BE POLYMER CONCRETE.
3. INSTALL PHOTOCELLS FOR STREET SIGNS AND LUMINARIES IN THE ELECTRICAL SERVICE DISCONNECT.
4. INTERNALLY ILLUMINATED STREET SIGNS SHALL BE LED TYPE (NO FLUORESCENT) AND RIGID MOUNT ON NEW MAST ARM SIGNAL POLES (ARMS).
5. RIGID MOUNT TRAFFIC SIGNAL HEADS TO MAST ARMS UTILIZING STAINLESS STEEL WIRE CABLE.
6. ALL CONTROLLER AND EQUIPMENT TO BE COMPATIBLE WITH LEE COUNTY'S EXISTING ADVANCED TRANSPORTATION MANAGEMENT SYSTEM.
7. USE POLYMER CONCRETE OR EQUIVALENT CONTROLLER CABINET BASE ONLY.
8. LUMINARIES SHALL BE INSTALLED ON ALL PROPOSED SIGNAL POLES UNLESS PROJECT INCLUDES A NEW OR EXISTING LIGHTING SYSTEM. TYPE OF LUMINARIES MUST BE REVIEWED BY LEE COUNTY DEPARTMENT OF TRANSPORTATION PRIOR TO ORDERING.
9. BASELINE OF SURVEY IS BASED ON FPID 429547-1-52-01.

10. PCMS SHALL BE ADDED DURING CONSTRUCTION AND SHALL STATE THE FOLLOWING:

TWO WEEKS PRIOR TO CONSTRUCTION:

DURING CONSTRUCTION:

PCMS MESSAGE 1

TRAFFIC
CONTROL
CHANGE

PCMS MESSAGE 1

NEW
SIGNAL
AHEAD

PCMS MESSAGE 2

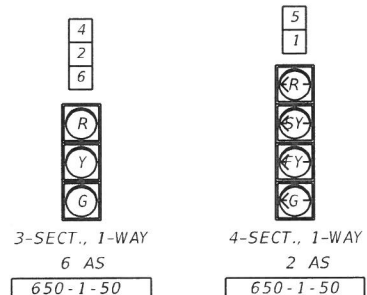
TO NEW
SIGNAL
"DATE"

PAY ITEM NOTES:

1. 102-60, 102-74-1, 102-76 - TCP ITEMS BASED ON ESTIMATED 30 DAYS TO COMPLETE.
1. 102-99 - TCP ITEMS BASED ON ESTIMATED 42 DAYS TO COMPLETE.

REVISIONS				DRMP, INC. 941 LAKE BALDWIN LANE, ORLANDO, FL 32814 PHONE: (407) 896-9594 FAX: (407) 896-4836 CERTIFICATE OF AUTHORIZATION No. 2648 JUAN P. CAMACHO, P.E. LICENSE NUMBER 60031	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT NOTES	SHEET NO. T-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					45	LEE	427321-5-52-01		

SIGNAL HEAD DETAILS



VIDEO VEHICLE DETECTION ASSIGNMENTS

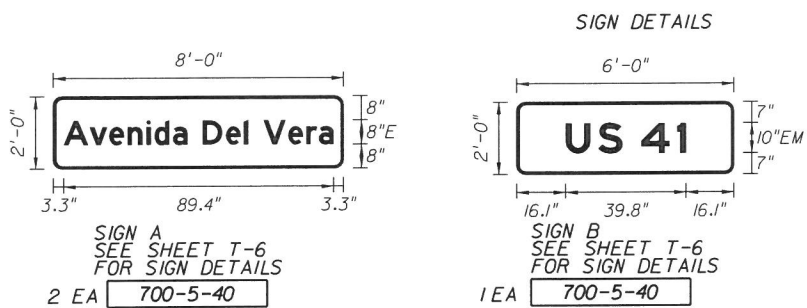
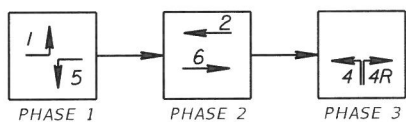
CAMERA DETECTOR	DETECTION ZONE	CONNECT TO TIMING FUNCTION	DELAY TIME (SECS.)
CD1	DZ 1	TF 1	
	DZ 6A	TF 2	
	DZ 6B	TF 2	
CD2	DZ 5	TF 1	
	DZ 2A	TF 2	
CD3	DZ 4	TF 3	
	DZ 4R	TF 3	

CONTROLLER TIMINGS

TIMING FUNCTION	1	2	3	4	5	6	7	8
MOVEMENT NUMBER								
MINIMUM GREEN	5	15		7	5	15		
EXTENSION								
MAXIMUM GREEN 1	15	50		43	15	50		
MAXIMUM GREEN 2								
YELLOW CLEARANCE	5.5	5.5		3.7	5.5	5.5		
ALL RED	2.0	2.0		2.0	2.0	2.0		
PEDESTRIAN WALK								
PED. CLEARANCE								
RECALL		MIN				MIN		

CONTROLLER AND OPERATION NOTES:
 CONTROLLER - ECONOLITE TS-2 TYPE I CONTROLLER WITH A TYPE V CONTROLLER CABINET
 MAJOR STREET IS SR 45 (US 41), MINOR STREET IS AVENIDA DEL VERA
 FLASHING OPERATION SHALL BE YELLOW FOR MOVEMENTS 2 AND 6, RED FOR ALL OTHER MOVEMENTS
 CABINET SHALL BE WIRED FOR S.O.P. AS SHOWN HEREIN WITH CAPABILITY OF S.O.P. 10.

MODIFIED S.O.P. 2

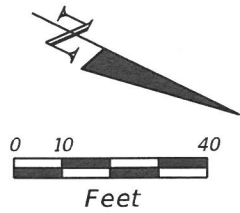
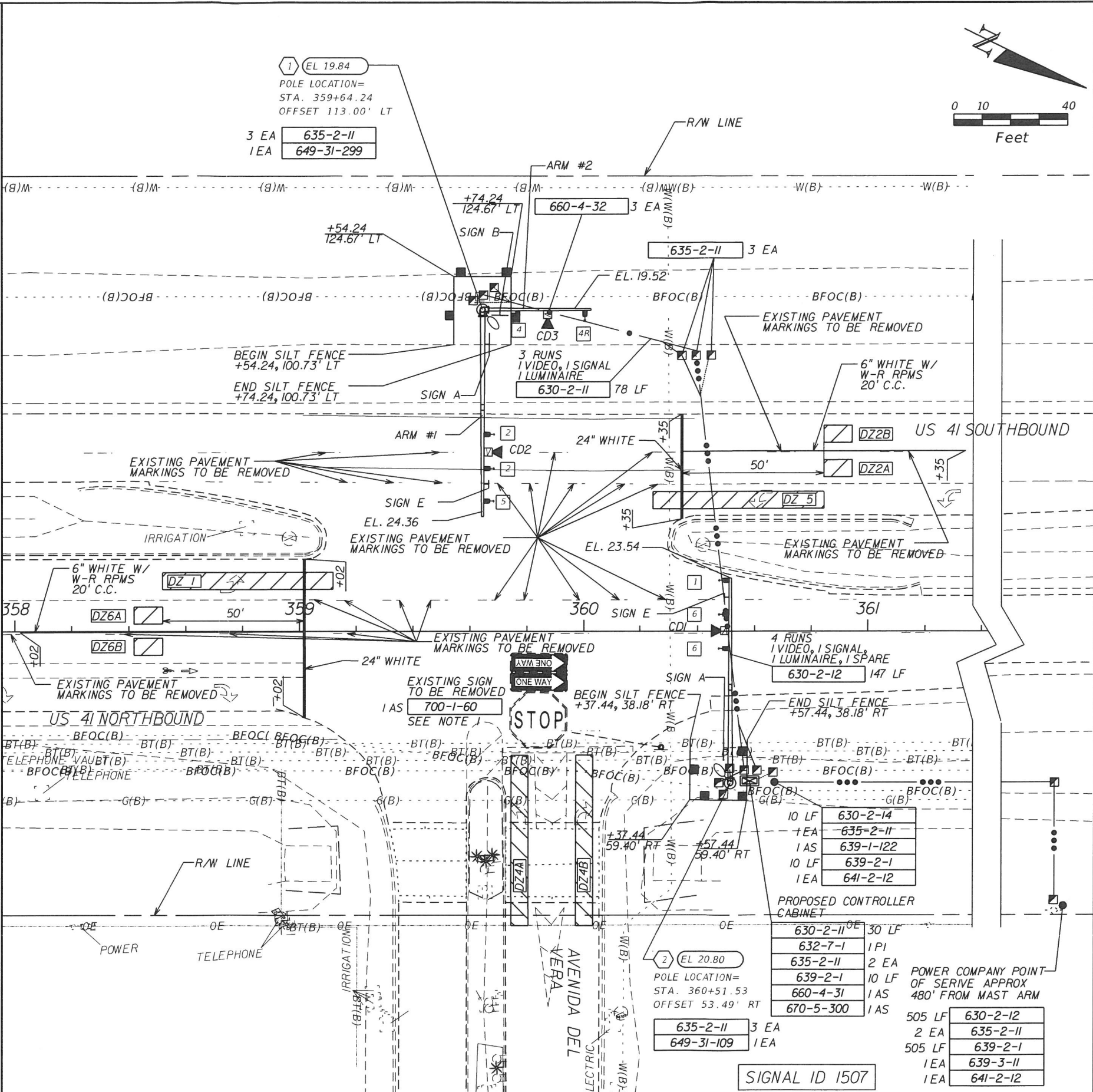


LEFT TURN YIELD ON FLASHING YELLOW ARROW

FTP-68B-06
 36" X 30"
 SIGN E

INTERNALLY ILLUMINATED SIGNS SHALL BE RIGIDLY MOUNTED TO MAST ARMS.

NOTES:
 1. EXISTING STOP SIGN SHALL BE REMOVED BY CONTRACTOR ON THE DATE OF INSPECTION WHEN SIGNALS ARE PLACED INTO FULL COLOR OPERATIONS.



REVISIONS

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 CERTIFICATE OF AUTHORIZATION No. 2648
 JUAN P. CAMACHO, P.E.
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
45	LEE	427321-5-52-01

SIGNALIZATION PLAN

SHEET NO. T-5