ROADWAY SIGNING AND PAVEMENT MARKING

INDEX OF ROADWAY PLANS

SHEET DESCRIPTION

TYPICAL SECTIONS

GENERAL NOTES

ROADWAY PLANS

PROJECT NETWORK CONTROL

TEMPORARY TRAFFIC CONTROL PLANS

KEY SHEET SIGNATURE SHEET

SHEET NO.

2

3 - 4

5 - 6

8 - 17

18 - 19

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 448976-1-52-01

OKEECHOBEE COUNTY (91020)

STATE ROAD NO. 15 (US 441/US 98)

MILL AND RESURFACE FROM SW 23RD ST. TO SW 3RD ST.

PROJECT LOCATION URL: https://tinyurl.com/5eth6e47

PROJECT LIMITS: BEGIN MP 1.626 - END MP 2.963

EXCEPTIONS: NONE

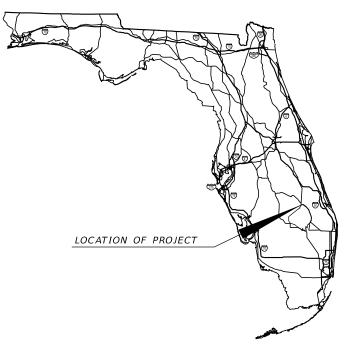
NONE

RAILROAD CROSSING:

BRIDGE LIMITS:

NONE

THIS PROJECT TO BE LET TO CONTRACT WITH FINANCIAL PROJECT ID: 448974-1-52-01, 449656-1-52-01



PHASE IV SUBMITTAL MAY 2024

ROADWAY PLANS ENGINEER OF RECORD:

JASON L. LYLE, P.E.
P.E. LICENSE NUMBER 69009
RUMMEL, KLEPPER & KAHL, LLP
402 S. KENTUCKY AVE, SUITE 400
LAKELAND, FL 33801

CONTRACT NO.: CAL11 VENDOR NO.: 52-0599112002

FDOT PROJECT MANAGER:

AHMAD ABDELLATIF, PE

CONSTRUCTION	FISCAL	SHEET
CONTRACT NO.	YEAR	NO.
E1W11	25	1

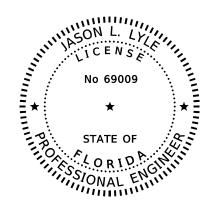
GOVERNING STANDARD PLANS:

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

GOVERNING STANDARD SPECIFICATIONS:

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



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.

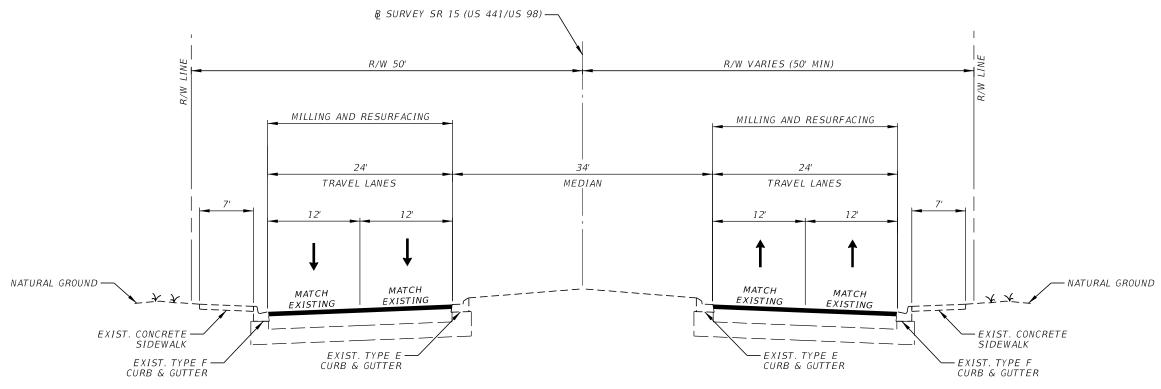
RUMMEL, KLEPPER & KAHL, LLP (RK&K) 402 S. KENTUCKY AVENUE, SUITE 400 LAKELAND, FL 33801 JASON L. LYLE, P.E. NO. 69009

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

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	TYPICAL SECTIONS
5 - 6	PROJECT NETWORK CONTROL
7	GENERAL NOTES
8 - 17	ROADWAY PLANS
18 - 19	TEMPORARY TRAFFIC CONTROL PLANS

	REN	ENGINEER OF RECORD	STATE OF FLORIDA			SHEET			
DAT	TE DESCRIPTION	DATE	DESCRIPTION	JASON L. LYLE, P.E.	DEP	ARTMENT OF TRAI	-		NO.
2				LICENSE NUMBER: 69009 RUMMEL, KLEPPER & KAHL, LLP (RK&K)	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SIGNATURE SHEET	
C. Now				402 S. KENTUCKY AVE, SUITE 400 LAKELAND, FL 33801	SR 15	ОКЕЕСНОВЕЕ	448976-1-52-01		2



TYPICAL SECTION SR 15 (US 441/US 98) STA. 726+60.00 TO STA. 776+50.00

MILLING TRAVEL LANES AND SHOULDERS

MILL EXISTING ASPHALT PAVEMENT (3" DEPTH)

RESURFACING TRAVEL LANES AND SHOULDERS

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 $\frac{1}{2}$ ") AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1 $\frac{1}{2}$ ")

 $\frac{\textit{MILLING TURN LANES, CROSSOVERS, AND SIDESTREETS}}{\textit{MILL EXISTING ASPHALT PAVEMENT (1 $\frac{1}{2}$" DEPTH)}}$

RESURFACING TURN LANES, CROSSOVERS, AND SIDESTREETS FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) ($1\frac{1}{2}$ ")

TRAFFIC DATA

CURRENT YEAR = 2024 AADT = 25350
ESTIMATED OPENING YEAR = 2025 AADT = 25700
ESTIMATED DESIGN YEAR = 2045 AADT = 33400
K = 9.0% D = 57.3% T = 9.0% (24 HOUR)
DESIGN HOUR T = 4.5%
DESIGN SPEED = 45 MPH
CONTEXT CLASSIFICATION = C2T

	REVI:	SIONS		ENGINEER OF RECORD	STATE OF FLORIDA			
DATE	DESCRIPTION	DATE	DESCRIPTION	16011 1775 115		DEPARTMENT OF TRANSPORTATION		
				JASON L. LYLE, P.E. LICENSE NUMBER: 69009	101311	A1(11/12)141 O1 11(11)	VD1 C1(11111101V	
				RUMMEL, KLEPPER & KAHL, LLP (RK&K)	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				402 S. KENTUCKY AVE, SUITE 400 LAKELAND, FL 33801	SR 15	ОКЕЕСНОВЕЕ	448976-1-52-01	

TYPICAL SECTION
SR 15 (US 441/US 98)
STA. 776+50.00 TO STA. 797+00.00

MILLING TRAVEL LANES AND SHOULDERS

MILL EXISTING ASPHALT PAVEMENT (3" DEPTH)

RESURFACING TRAVEL LANES AND SHOULDERS

TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 $\frac{1}{2}$ ") AND FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1 $\frac{1}{2}$ ")

 $\frac{\textit{MILLING TURN LANES, CROSSOVERS, AND SIDESTREETS}}{\textit{MILL EXISTING ASPHALT PAVEMENT (1 $\frac{1}{2}$" DEPTH)}}$

RESURFACING TURN LANES, CROSSOVERS, AND SIDESTREETS FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1 1/3")

TRAFFIC DATA

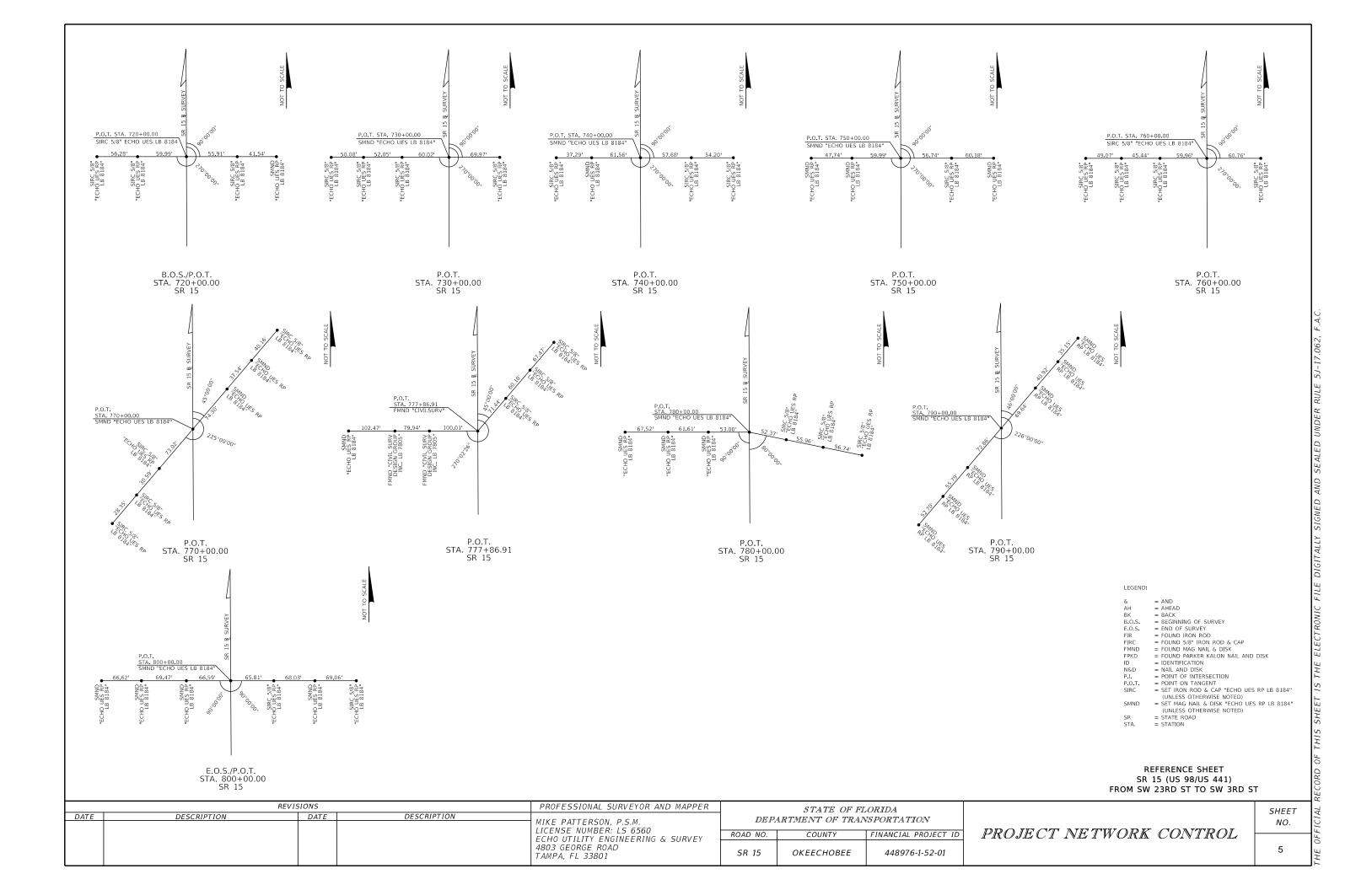
CURRENT YEAR = 2024 AADT = 25350ESTIMATED OPENING YEAR = 2025 AADT = 25700ESTIMATED DESIGN YEAR = 2045 AADT = 33400 K = 9.0% D = 57.3% T = 9.0% (24 HOUR) DESIGN HOUR T = 4.5%DESIGN SPEED = 45 MPH CONTEXT CLASSIFICATION = C2T

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	REVIS	SIONS		ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON L. LYLE, P.E.				
				LICENSE NUMBER: 69009	202311	34(11·2331)1 OI 11(11	701 C1(111111C1V	
				RUMMEL, KLEPPER & KAHL, LLP (RK&K)	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				402 S. KENTUCKY AVE, SUITE 400 LAKELAND, FL 33801	SR 15	ОКЕЕСНОВЕЕ	448976-1-52-01	

TYPICAL SECTION

SHEET NO.



	PRIMARY VERTICAL CONTROL												
BENCHMARK NORTHING (Y) EASTING (X) ELEVATION (Z) STATION OFFSET DESCRIPTION													
BM 726	1049793	711404	19.782	725+90	55' LT	SET 4"X4" CONCRETE MONUMENT WITH FDOT ALUMINUM DISK STAMPED "BM 726"							
BM 736	1050792	711403	21.159	735+89	53' LT	SET 4"X4" CONCRETE MONUMENT WITH FDOT ALUMINUM DISK STAMPED "BM 736"							
S 523	1051820	711451	22.990	746+17	3' LT	FOUND 12" DIAMETER POURED IN PLACE CONCRETE MONUMENT WITH USACE BRASS DISK STAMPED "S 523 2001 CERP"							
BM 757	1052920	711512	25.704	757+16	62' RT	SET 4"X4" CONCRETE MONUMENT WITH FDOT ALUMINUM DISK STAMPED "BM 757"							
BM 768	1054015	711500	24.541	768+11	53' RT	SET 4"X4" CONCRETE MONUMENT WITH FDOT ALUMINUM DISK STAMPED "BM 768"							
BM 74A	1055170	711392	24.280	779+67	51' LT	FOUND 4"X4" CONCRETE MONUMENT WITH FDOT ALUMINUM DISK STAMPED "BM 74A"							
TBM 10	1055269	711480	23.720	780+65	37' RT	FOUND PARKER-KALON NAIL AND DISK STAMPED "FDOT 10"							
BM 975	1056155	711391	27.094	789+51	50' LT	FOUND FDOT BRASS DISK IN CONCRETE SIDEWALK STAMPED "BM 975"							
BM 76A	1057256	711384	26.977	800+53	53' LT	SET 4"X4" CONCRETE MONUMENT WITH FDOT ALUMINUM DISK STAMPED "BM 76A"							

PROJECT CONTROL NOTES

1. THIS PROJECT IS BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE (901), NORTH AMERICAN DATUM OF 1983, 2011 ADJUSTMENT (NAD 83/11).

2. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

3. PROJECT UNITS SHOWN HEREON ARE US SURVEY FEET.

LEGEND:

FDOT FLORIDA DEPARTMENT OF TRANSPORTATION

USACE UNITED STATES ARMY CORP OF ENGINEERS

PRIMARY VERTICAL CONTROL TABLE SR 15 (US 98/US 441) FROM SW 23RD ST TO SW 3RD ST

	REVI	SIONS		PROFESSIONAL SURVEYOR AND MAPPER		STATE OF FLORIDA		
DATE	DESCRIPTION	DATE	DESCRIPTION	MIKE PATTERSON, P.S.M.	DEPARTMENT OF TRANSPORTATION			
				LICENSE NUMBER: LS 6560 ECHO UTILITY ENGINEERING & SURVEY	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				4803 GEORGE ROAD TAMPA, FL 33801	SR 15	ОКЕЕСНОВЕЕ	448976-1-52-01	

PROJECT NETWORK CONTROL

SHEET NO.

GENERAL NOTES

- 1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- 2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

MIKE PATTERSON, PSM
P.S.M. NO.: LS 6560
ECHO UTILITY ENGINEERING & SURVEY
4803 GEORGE ROAD
TAMPA, FL 33634
CERTIFICATE OF AUTHORIZATION: LB 8184

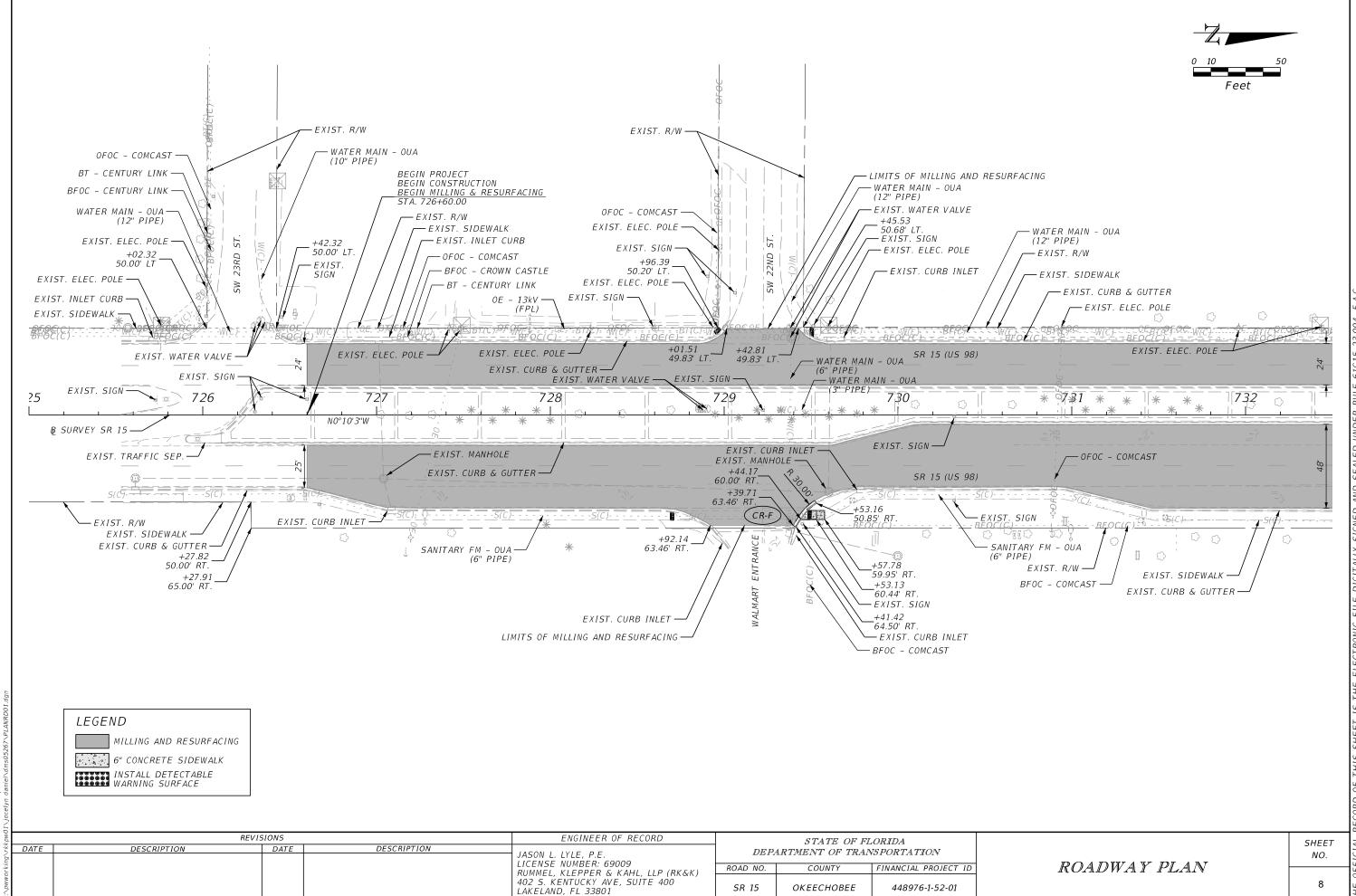
UTILITY NOTES

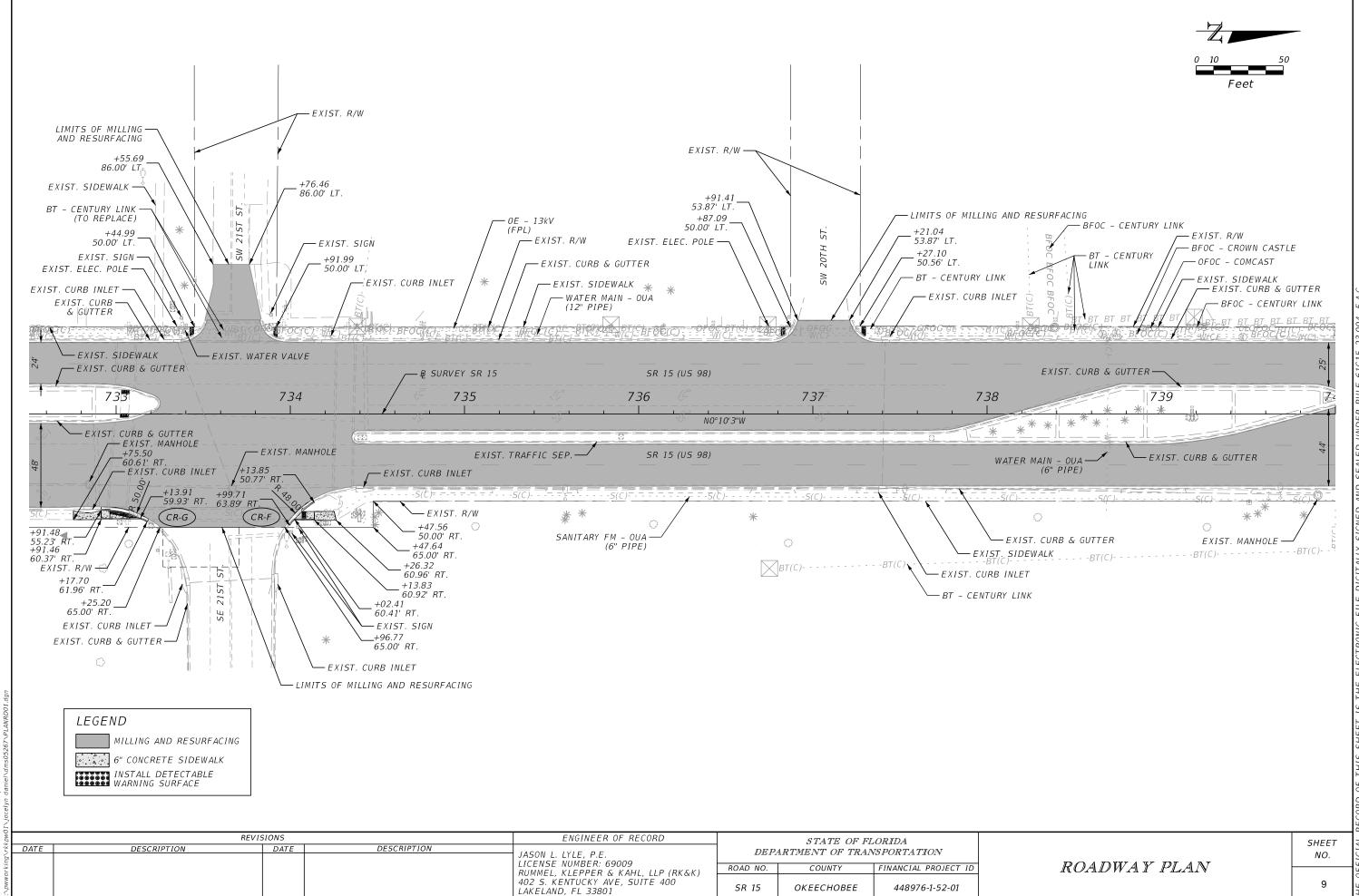
1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN.INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

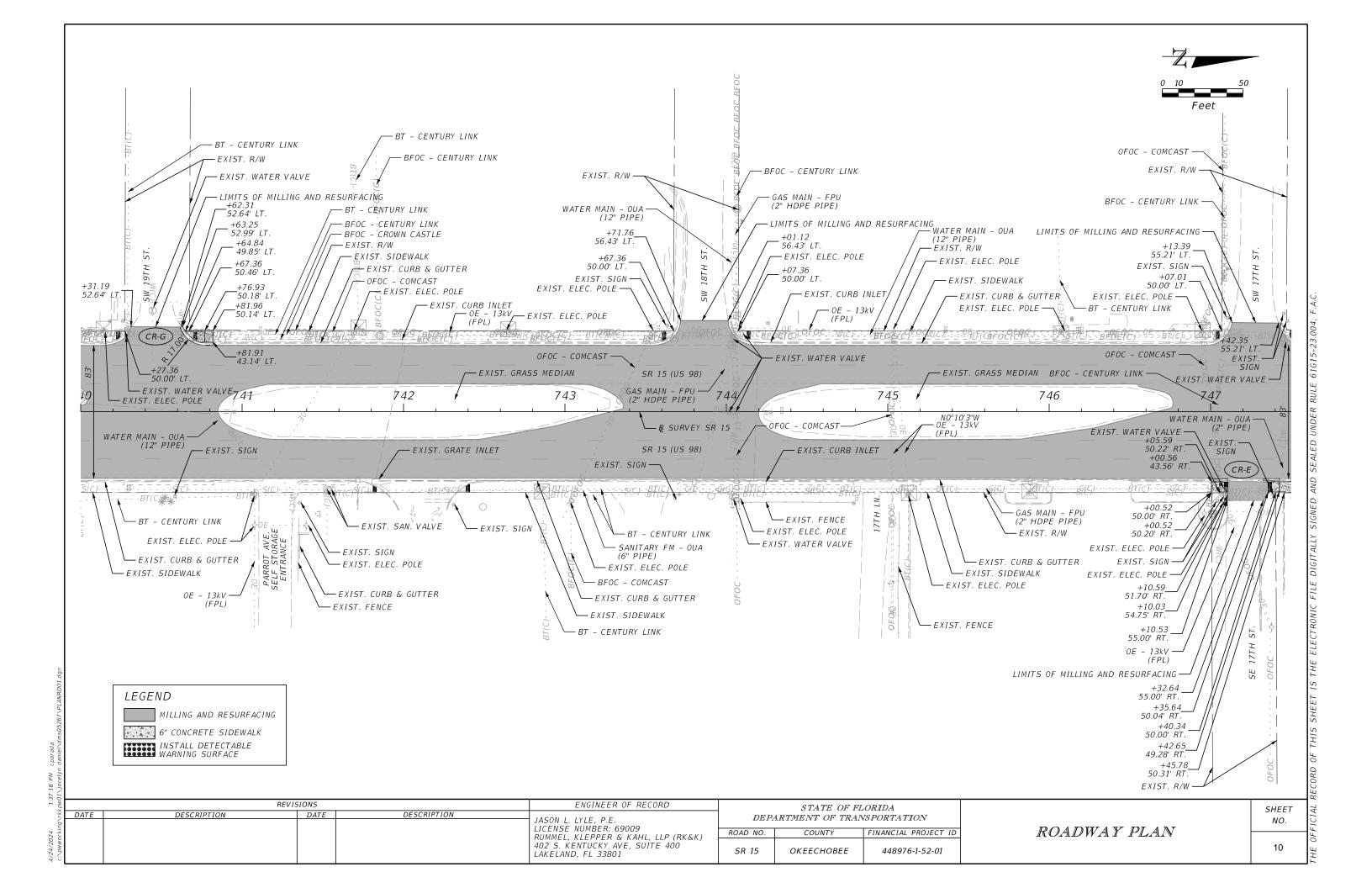
2.	UTILITY/AGENCY OWNERS: COMPANY	CONTACT	TELEPHONE NUMBERS
	CENTURYLINK (LOCAL)	KEN LUTZ	863 - 452 - 3185
	COMCAST - PBG	LIAM MCKENNA	950 - 445 - 9169
	CROWN CASTLE	DANNY HASKETT	786 - 246 - 7827
	FLA PUBLIC UTILITIES CO	IVAN GIBBS	561 - 838 - 1817
	FP&L DISTRIBUTION	ROB MORRIS	772-223-4215
	FP&L TRANSMISSION	CRAIG LEDBETTER	561-803-7942
	LEVEL 3(CENTURYLINK NATIONAL)	FRANCISCO AZURI	786 - 266 - 1713
	OKEECHOBEE UTILITY AUTHORITY	JOHN HAYFORD	863-763-9460

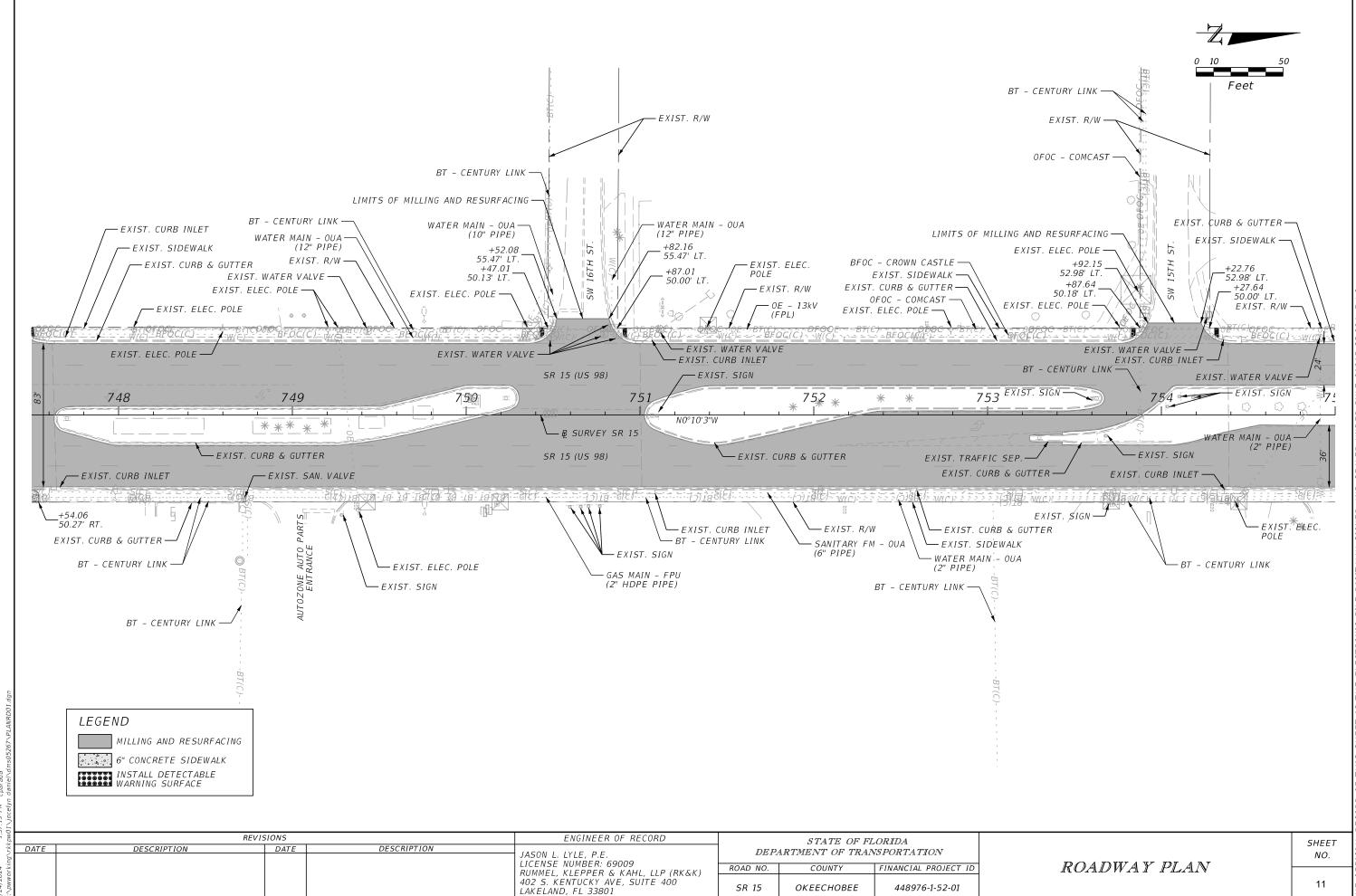
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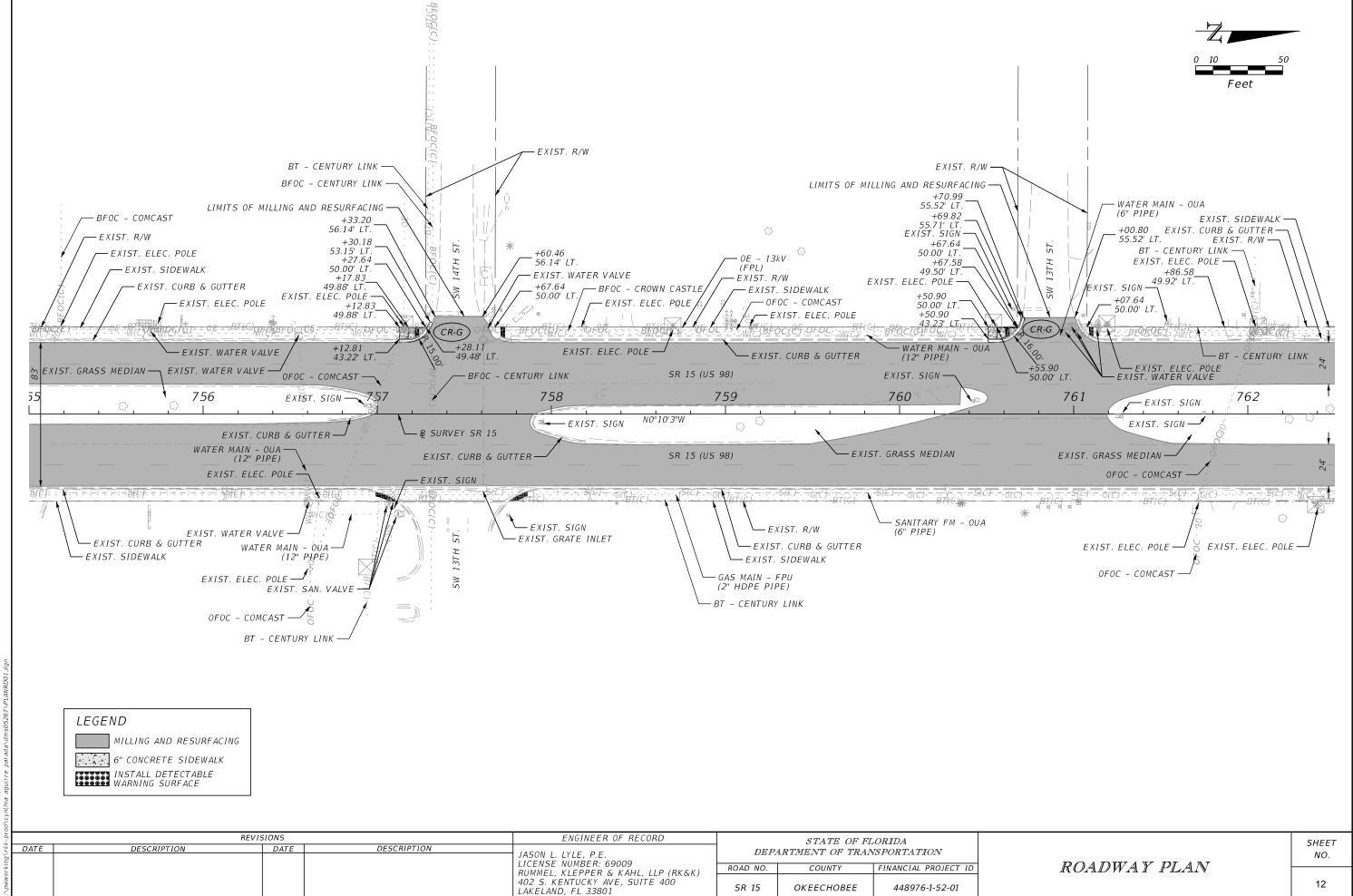
	REVI	SIONS		ENGINEER OF RECORD		STATE OF FLORIDA		
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON L. LYLE, P.E.	DEPARTMENT OF TRANSPORTATION			
		LICENSE NUMBER: 69009		LICENSE NUMBER: 69009 RUMMEL, KLEPPER & KAHL, LLP (RK&K)	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				402 S. KENTUCKY AVE, SUITE 400 LAKELAND, FL 33801	SR 15	ОКЕЕСНОВЕЕ	448976-1-52-01	



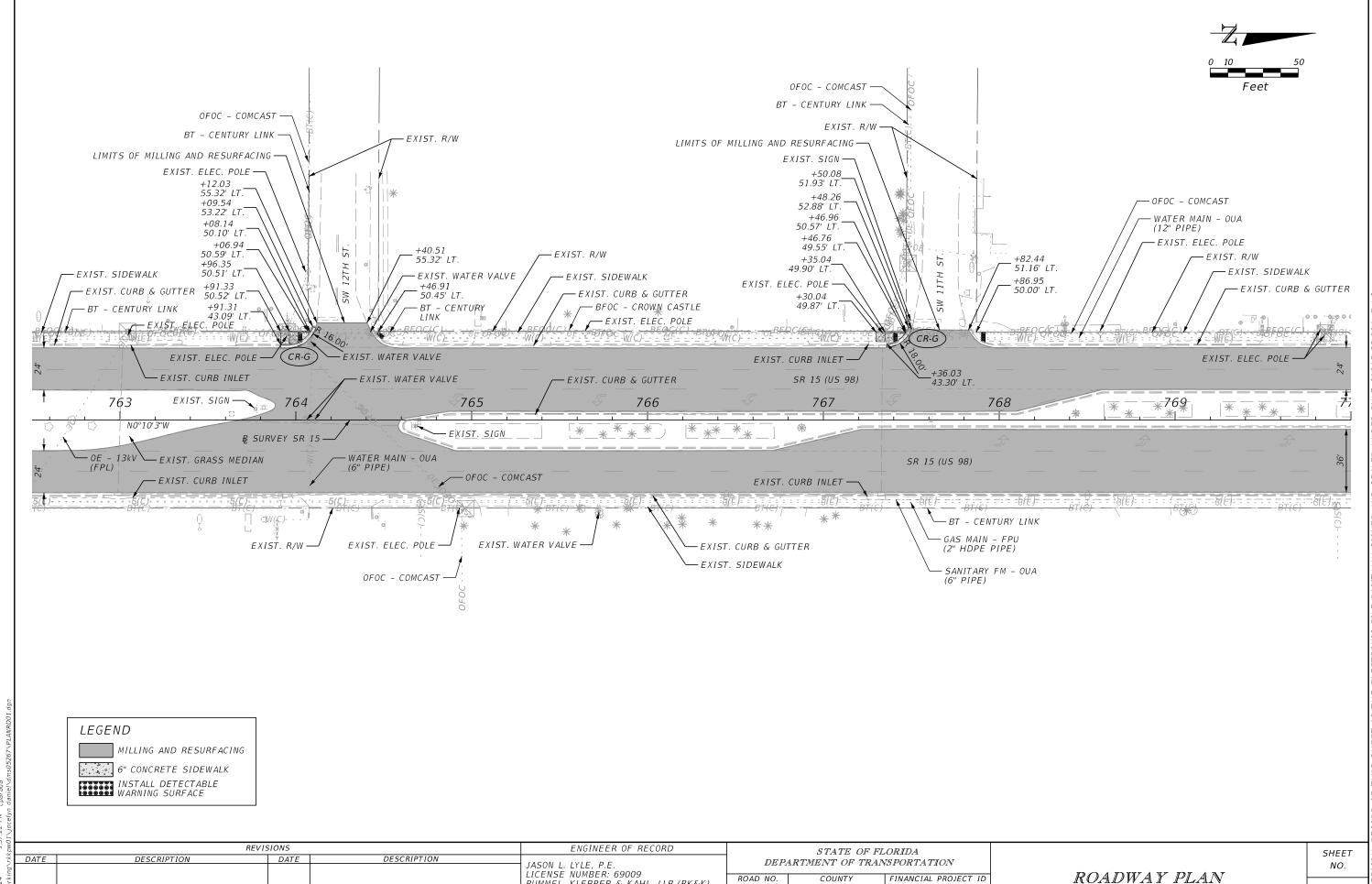








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RUMMEL, KLEPPER & KAHL, LLP (RK&K) 402 S. KENTUCKY AVE, SUITE 400 LAKELAND, FL 33801

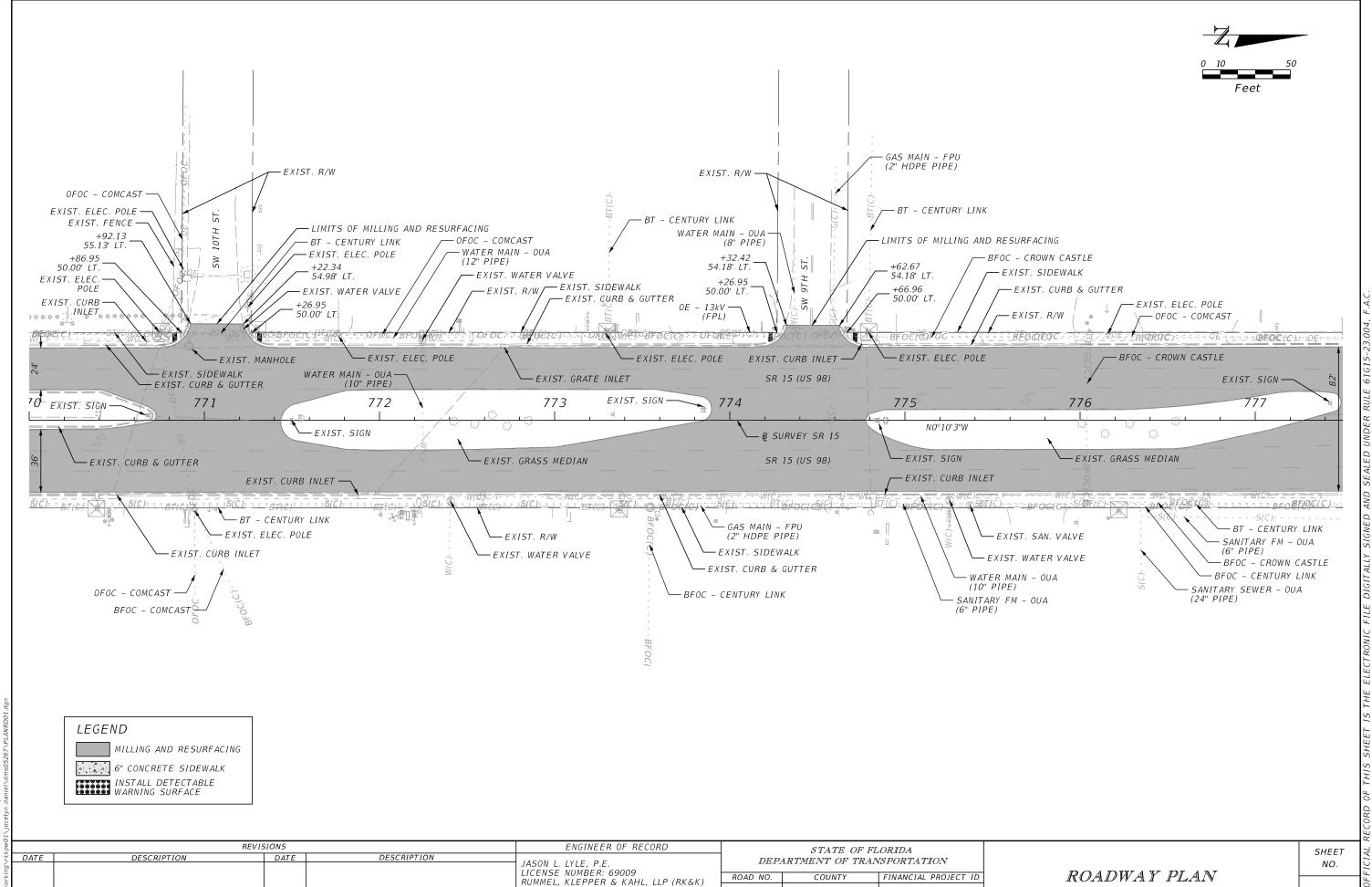
SR 15

OKEECHOBEE

448976-1-52-01

13

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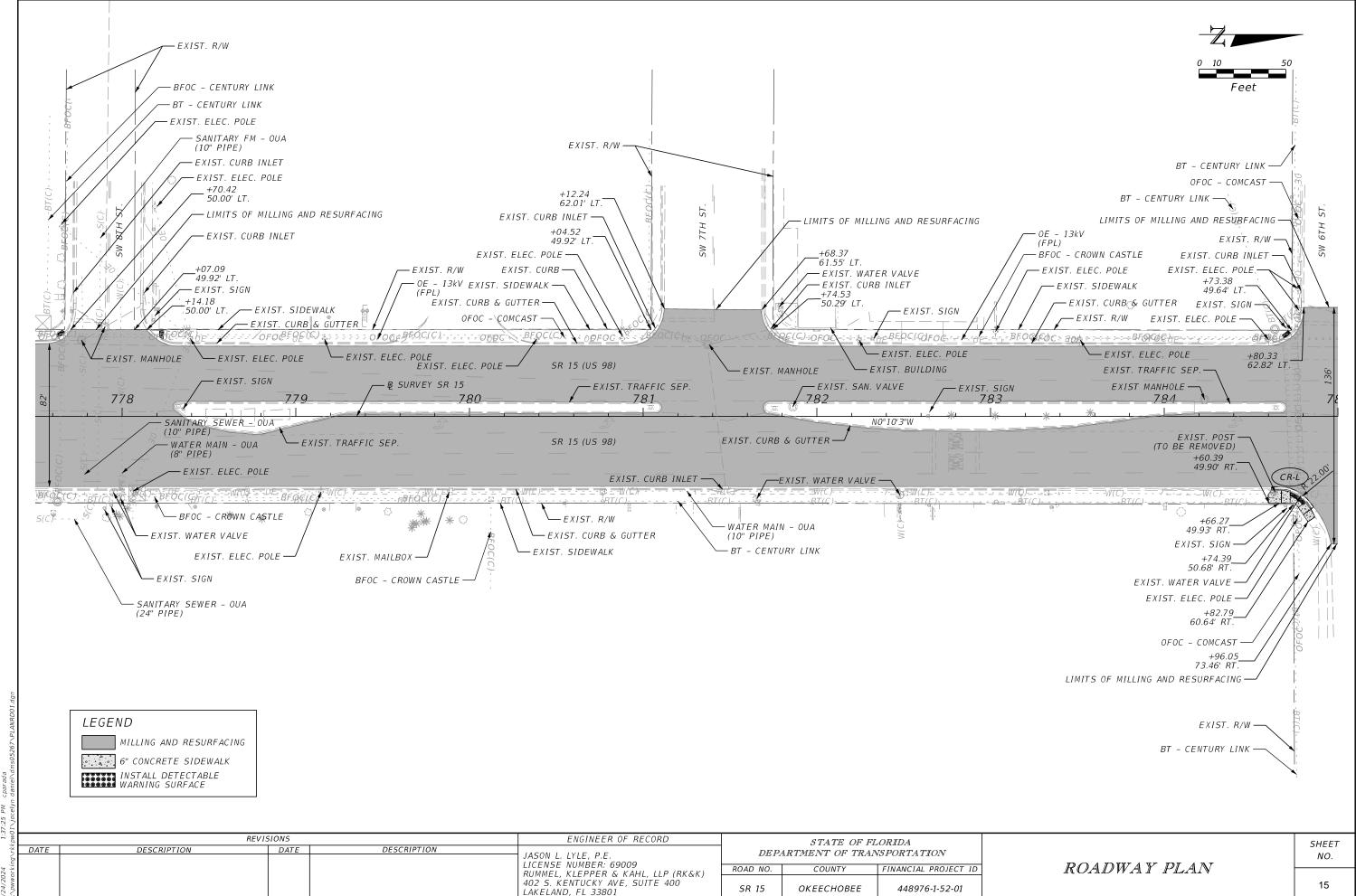
402 S. KENTUCKY AVE, SUITE 400 LAKELAND, FL 33801

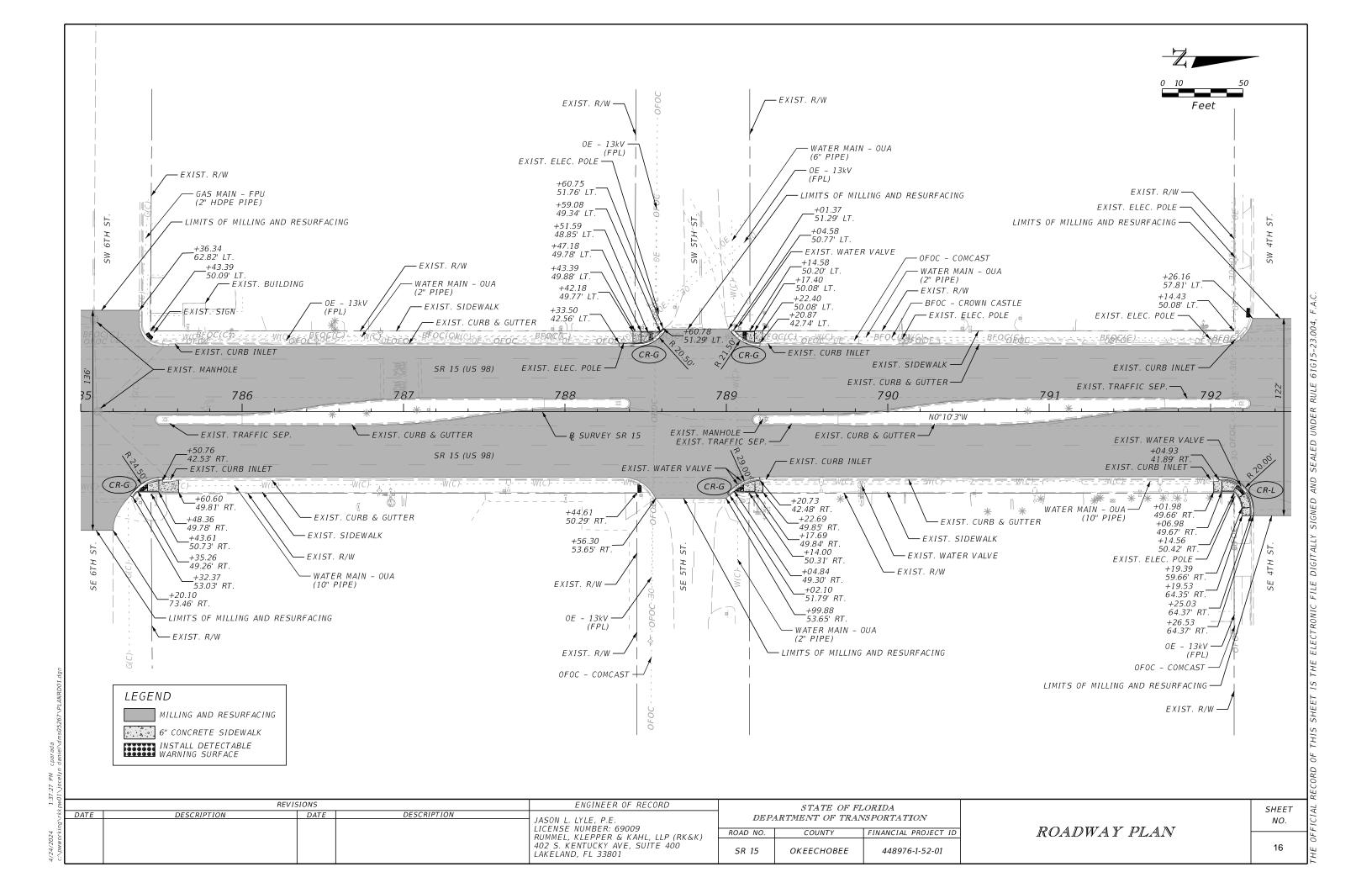
SR 15

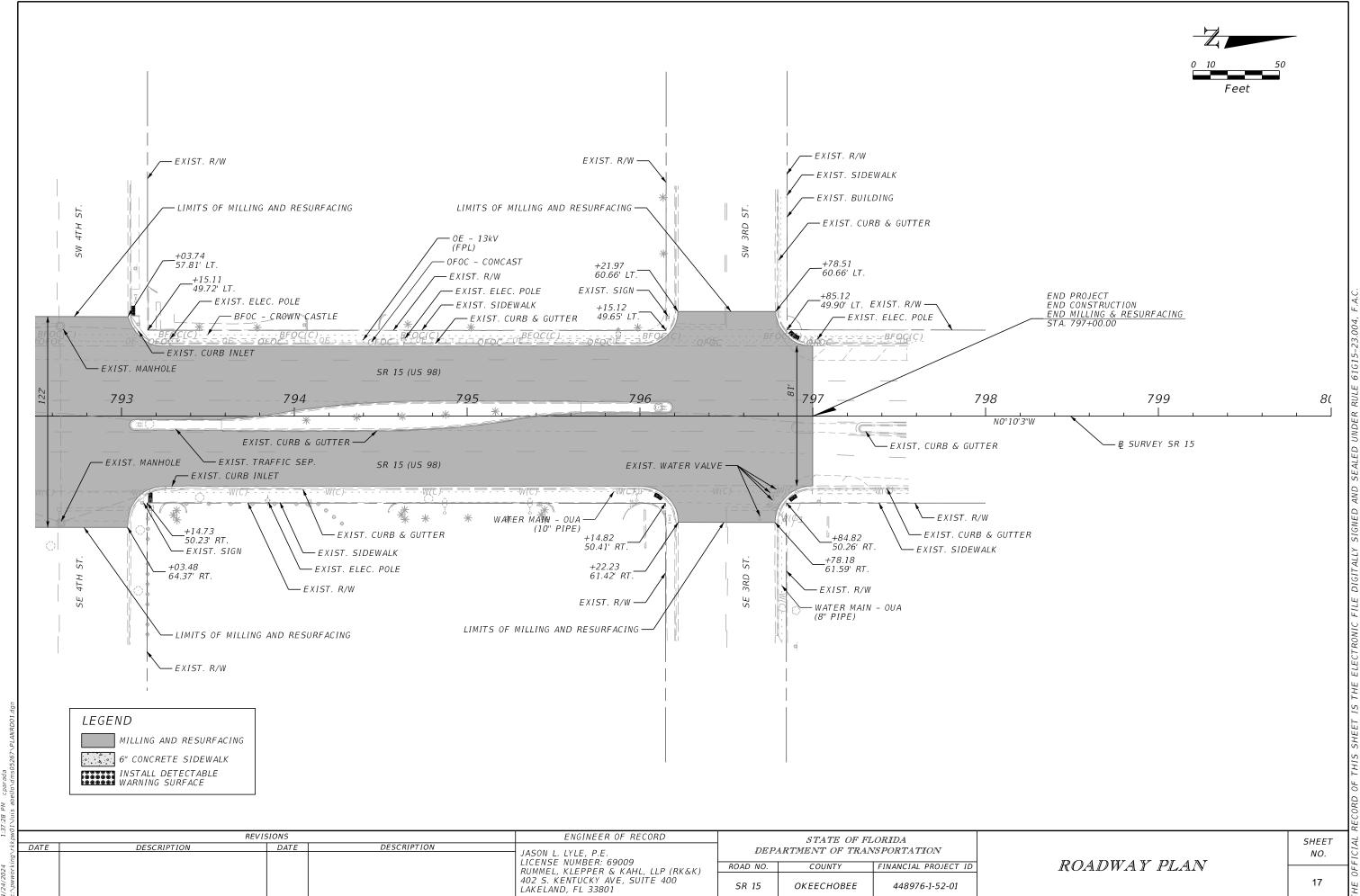
OKEECHOBEE

ROADWAY PLAN

448976-1-52-01







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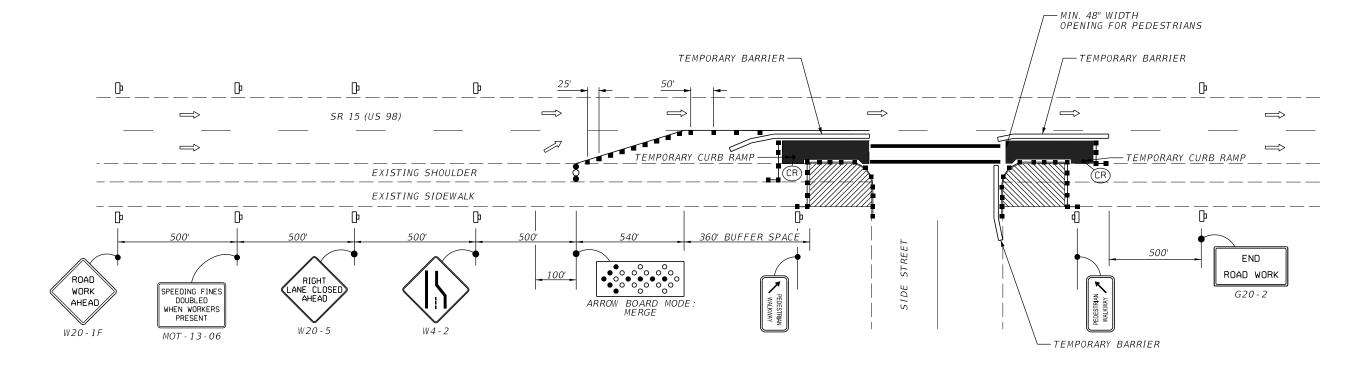
TEMPORARY TRAFFIC CONTROL (TTC) GENERAL NOTES

- 1. THE REGULATORY SPEED LIMITS FOR THE PROJECT ROADWAYS SHALL BE MAINTAINED UNLESS OTHERWISE INDICATED IN THE PLANS.
- 2. LANE CLOSURE RESTRICTIONS FOR SR 15 (US 441/US 98) ARE AS FOLLOWS:
- NO LANE CLOSURES RESTRICTIONS FOR OPEN ROADS.
- NO LANE CLOSURES ARE ALLOWED WITHIN 600' OF SIGNALIZED INTERSECTION BETWEEN THE HOURS OF 7:30 AM TO 8:00 PM NB AND 7:00 A.M. TO 8:30 P.M. SB.
- 3. ALL LANES ON SR 15 (US 441/US 98) MUST BE OPEN TO TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENT, AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE ENGINEER.
- 4. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORSEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN IN THE PLANS. MAKE THE NECESSARY ADJUSTMENTS, AS DIRECTED BY THE ENGINEER, WITHOUT DELAY. RESPOND WITHIN 30 MINUTES FROM THE TIME OF NOTIFICATION BY THE ENGINEER TO ANY REQUESTS MADE BY THE ENGINEER FOR CORRECTION, IMPROVEMENT OR MODIFICATION OF THE MAINTENANCE OF TRAFFIC AT NO ADDITIONAL COST OR TIME EXTENSION.
- 5. AT THE DISCRETION OF THE ENGINEER, OPEN ANY TEMPORARY LANE CLOSURE CAUSING EXTENDED TRAFFIC CONGESTION (5 MINUTE DELAY) UNTIL TRAFFIC HAS RETURNED TO AN ACCEPTABLE FLOW AS DETERMINED BY THE ENGINEER.
- 6. NOTIFY ADJACENT PROPERTY OWNERS, 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES WHICH SHALL RESTRICT ACCESS, DELIVERY, ETC, TO PRIVATE COMMERCIAL PROPERTIES.
- 7. PROVIDE NOTIFICATION TO OKEECHOBEE COUNTY TRAFFIC ENGINEER FOUR (4) WEEKS PRIOR TO ANY SIGNAL TIMING CHANGES.
- 8. COORDINATE BUS STOP LOCATIONS AND ACCESS WITH THE MANAGING AGENCY, TWO WEEKS PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT INTERFERE WITH NORMAL BUS OPERATIONS.

TEMPORARY TCP LEGEND

WORK AREA

- CHANNELIZING DEVICE (SEE INDEX 102-600)
- → LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
- ADVANCE WARNING ARROW PANEL
- ₩ORK ZONE SIGN
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE
- (CR) REQUIRED LOCATION FOR TEMPORARY CURB RAMP (SEE INDEX 522-002)



TEMPORARY TCP SIGNING DETAIL

NOTE

- 1. FOR ADDITIONAL DETAILS SEE INDEX NOS. 102-100 & 102-660. 2. CONSTRUCT ONE CURB RAMP AT A TIME AT INTERSECTIONS WITH
- PEDESTRIAN CROSSWALKS ON ALL FOUR LEGS.

	REVIS	SIONS		ENGINEER OF RECORD	STATE OF FLORIDA		
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON L. LYLE, P.E.	DEPARTMENT OF TRANSPORT		
				LICENSE NUMBER: 69009	ROAD NO.	COUNTY	FINANCIAL PROJECT ID
				RUMMEL, KLEPPER & KAHL, LLP (RK&K) 402 S. KENTUCKY AVE, SUITE 400 LAKELAND, FL 33801	SR 15	OKEECHOBEE	448976-1-52-01

TEMPORARY TRAFFIC
CONTROL PLAN

SHEET NO.

SEQUENCE OF CONSTRUCTION

TTCP PHASING

- INSTALL ADVANCED WARNING SIGNING AND CHANNELIZING DEVICES PER STANDARD PLANS INDEX NOS. 102-100, 102-600, 102-613, 102-615, AND 102-660.
 INSTALL EROSION CONTROL DEVICES.
 CLOSE RIGHT TURN LANES, OUTSIDE NB LANE, AND OUTSIDE SB LANE.

- CONSTRUCT MILLING, RESURFACING, CURB RAMPS, SIDEWALKS, AND DRIVEWAYS AS SHOWN IN THE PLANS, EXCLUDING FRICTION COURSE.
- APPLY TEMPORARY REFLECTIVE PAVEMENT MARKINGS.

PHASE II

- INSTALL ADVANCED WARNING SIGNING AND CHANNELIZING DEVICES PER STANDARD PLANS INDEX NOS. 102-600, 102-613, AND 102-615.
- INSTALL EROSION CONTROL DEVICES.
- CLOSE INSIDE NB LANE AND INSIDE SB LANE.
 CONSTRUCT MILLING AND RESURFACING AS SHOWN IN THE PLANS, EXCLUDING FRICTION COURSE.
- APPLY TEMPORARY REFLECTIVE PAVEMENT MARKINGS.

PHASE III

- INSTALL ADVANCED WARNING SIGNING AND CHANNELIZING DEVICES PER STANDARD PLANS INDEX NOS. 102-600, 102-613, AND 102-615.
- INSTALL EROSION CONTROL DEVICES.
- CLOSE MEDIAN OPENINGS AND LEFT TURN LANES.
- CONSTRUCT MILLING, RESURFACING, CURB & GUTTER, AND TRAFFIC SEPARATOR AS SHOWN IN THE PLANS, EXCLUDING FRICTION COURSE.
- APPLY TEMPORARY REFLECTIVE PAVEMENT MARKINGS.

FOLLOW THE SAME PHASING SEQUENCE AS INDICATED IN PHASES I, II, AND III NOTES TO PLACE FRICTION COURSE AND FINAL PAVEMENT MARKINGS.

PCMS USE 14 DAYS PRIOR TO CONSTRUCTION

CONST. **BEGINS** XX/XX/XX

EXPECT DELAYS

PCMS USE DURING LANE CLOSURES

LANE CLOSURES AHEAD

EXPECT DELAYS

RIGHT/LEFT LANE CL0SED

MERGE RIGHT/LEFT

PROVIDE PORTABLE CHANGEABLE MESSAGE SIGN (PCMS), (1 NB AND 1 SB) APPROXIMATELY 900 FEET IN ADVANCE OF THE BEGIN/END PROJECT. THE PURPOSE OF THESE SIGNS IS TO PROVIDE ADVANCE NOTIFICATION OF UPCOMING CONSTRUCTION AND LANE CLOSURES.

DURING LANE CLOSURES, PCMS SHALL NOT BE PLACED MORE THAN 24 HOURS IN ADVANCE OF THE LANE CLOSURE AND SHALL BE REMOVED WITHIN 24 HOURS OF REOPENING THE LANE.

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA		
DATE	DESCRIPTION	DATE	DESCRIPTION	IACON I IVIE DE	DEPARTMENT OF TRANS		NS PORTATION
				JASON L. LYLE, P.E. LICENSE NUMBER: 69009	and the state of t		
		RUMMEL, KLEPPER & KAHL, LLP (RK&K 402 S. KENTUCKY AVE, SUITE 400 LAKELAND, FL 33801		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
			402 S. KENTUCKY AVE, SUITE 400	SR 15	OKEECHOBEE	448976-1-52-01	