CONTRACT PLANS COMPONENTS

ROADWAY SIGNING AND PAVEMENT MARKING SIGNALIZATION

INDEX OF ROADWAY PLANS

SHEET DESCRIPTION

TYPICAL SECTIONS

GENERAL NOTES

PROJECT NETWORK CONTROL

TEMPORARY TRAFFIC CONTROL PLANS

ROADWAY PLAN DETAILS

KEY SHEET SIGNATURE SHEET

SHEET NO.

2

3 - 4

5 - 6

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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://goo.gl/maps/M8ARRKYbMj9diqCv9

PROJECT LIMITS:

BEGIN MP 1.626 - END MP 2.963

EXCEPTIONS:

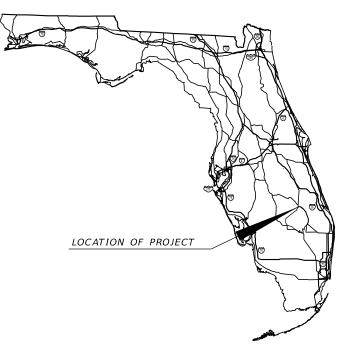
NONE

BRIDGE LIMITS:

NONE

RAILROAD CROSSING:

NONE



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:

BRANDON FERNANDEZ, PE

CONSTRUCTION	FISCAL	SHEET	
CONTRACT NO.	YEAR	NO.	
	25	1	

GOVERNING STANDARD PLANS:

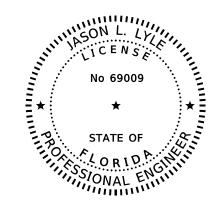
Florida Department of Transportation, FY2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

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

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

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



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ON THE DATE ADJACENT TO THE SEAL

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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
7	GENERAL NOTES
8 - 17	ROADWAY PLAN DETAILS
18 - 19	TEMPORARY TRAFFIC CONTROL PLANS



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ECHO UTILITY ENGINEERING & SURVEY 4803 GEORGE ROAD TAMPA, FL 33634 MIKE PATTERSON, P.S.M. NO.: LS 6560

THE ABOVE NAMED PROFESSIONAL SURVEYOR AND MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 5J-17.062, F.A.C.

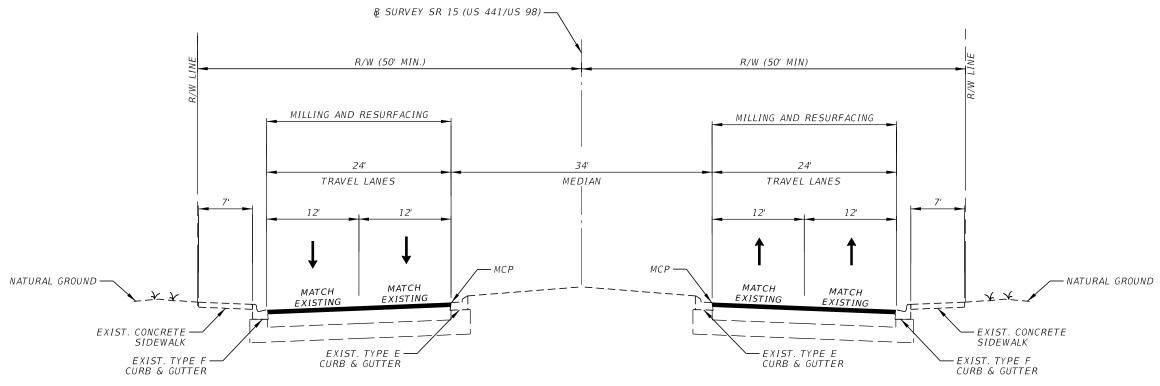
ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
5 - 6	PROJECT NETWORK CONTROL

	F	EVISIONS		ENGINEER OF RECORD		STATE OF FL	ORIDA	
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON L. LYLE, P.E.	DEPA	DEPARTMENT OF TRANSPORTATION		
1				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			

SIGNATURE SHEET

SHEET NO.



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 $\frac{1}{2}$ ")

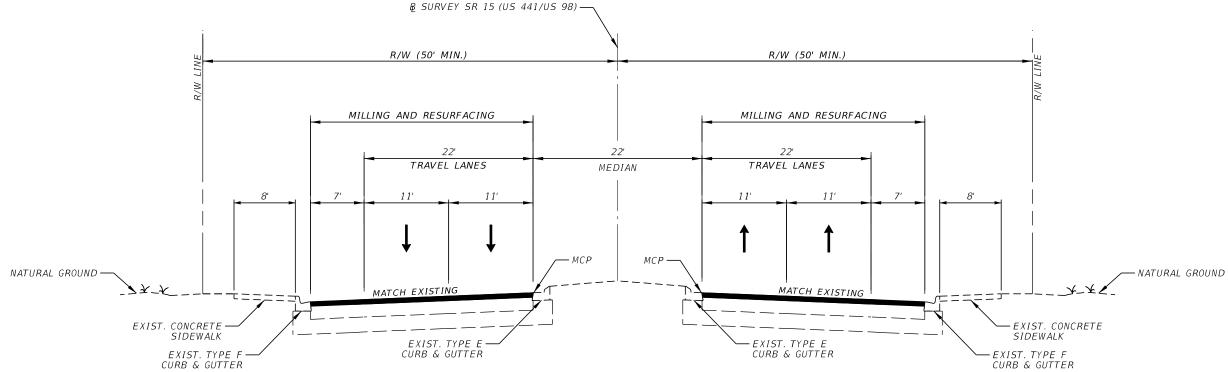
 $\frac{\textit{MILLING TURN LANES, CROSSOVERS, AND SIDESTREETS}}{\textit{MILL EXISTING ASPHALT PAVEMENT (1 $\frac{1}{2}$" DEPTH)}}$

RESURFACING TURN LANES, CROSSOVERS, AND SIDESTREETS FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1 1/2")

TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 25000
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 DEPARTMENT OF TRANSPORTATION			
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON L. LYLE, P.E.				
				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	OKEECHOBEE	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")

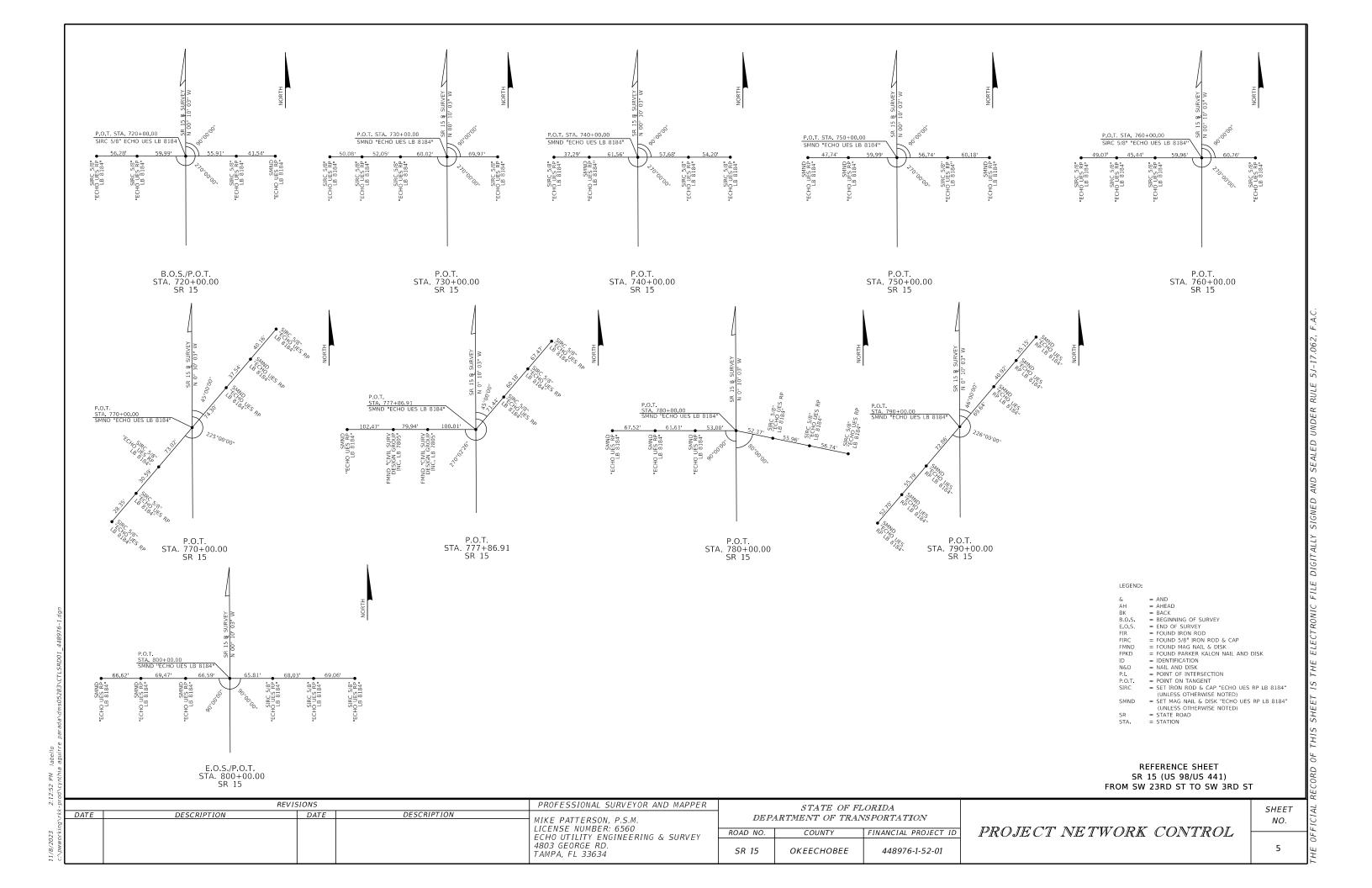
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DESIGN HOUR T = 4.5%
DESIGN SPEED = 45 MPH
CONTEXT CLASSIFICATION = C2T

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	REVI	SIONS		ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
DATE	DESCRIPTION	DATE	DESCRIPTION	IACON I IVIE DE			
				JASON L. LYLE, P.E. 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

TYPICAL SECTION



PRIMARY VERTICAL CONTROL								
BENCHMARK	NORTHING	EASTING	ELEVATION	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, WEST ZONE (902), 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

	REVIS	SIONS		PROFESSIONAL SURVEYOR AND MAPPER		STATE OF FLORIDA		
DATE	DESCRIPTION	DATE	DESCRIPTION	MIKE PATTERSON, P.S.M.	DEPARTMENT OF TRANSPORTATION			
		LICENSE NUMBER: 6560 ECHO UTILITY ENGINEERING & SURVEY 4803 GEORGE RD. TAMPA, FL 33634	ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
			SR 15	ОКЕЕСНОВЕЕ	448976-1-52-01			

GENERAL NOTES

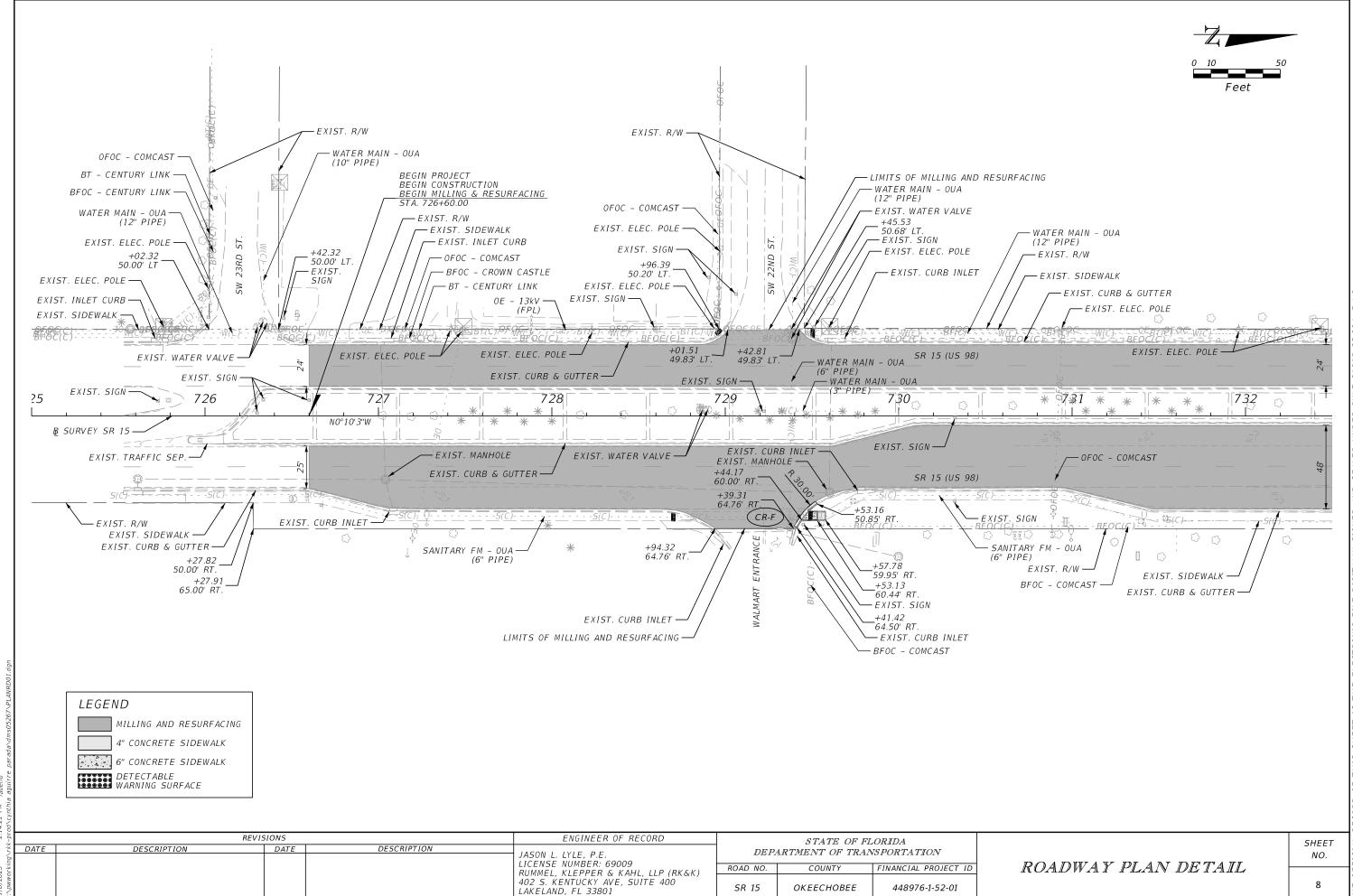
- 1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- 2. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT.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

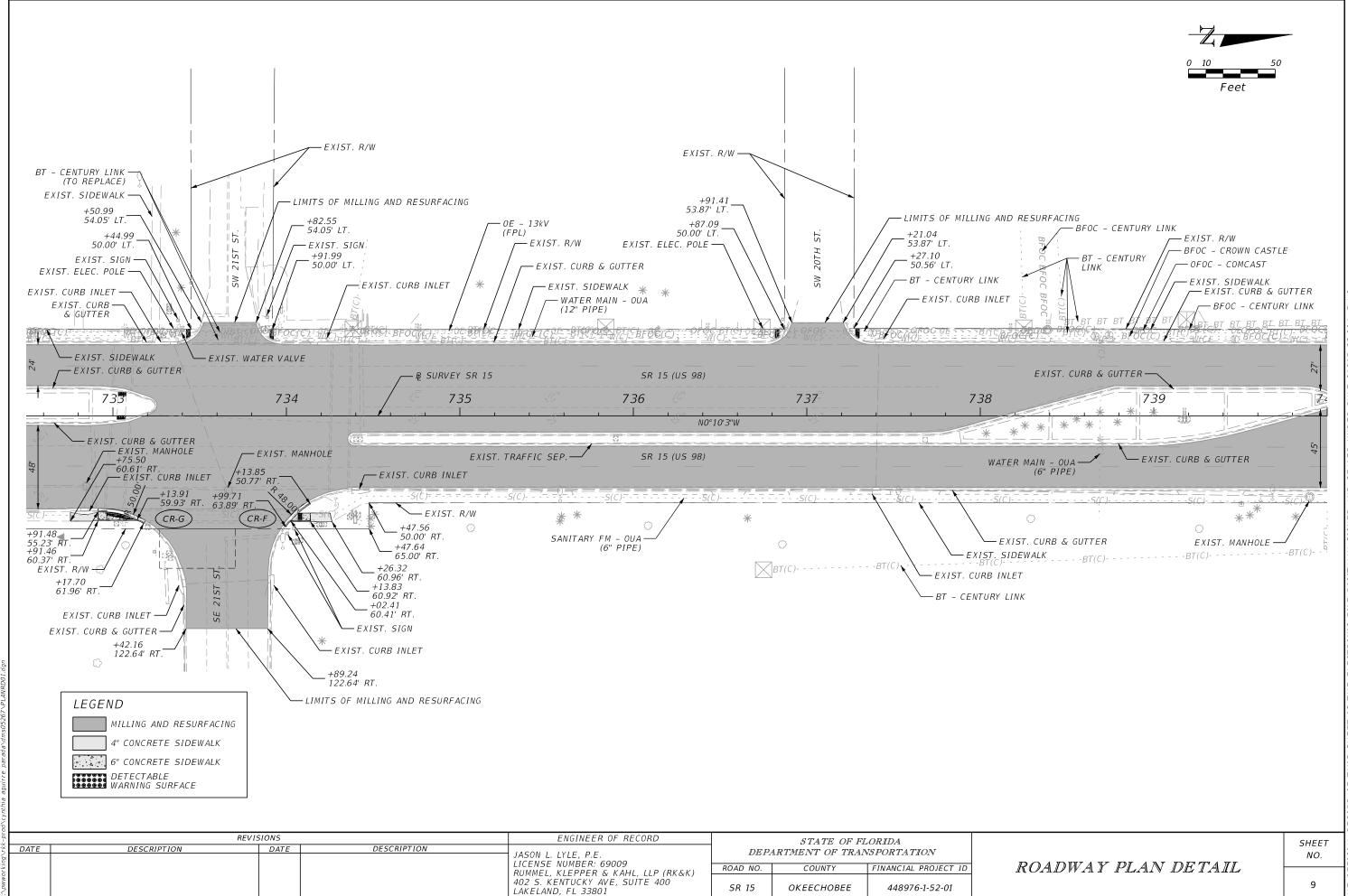
MIKE PATTERSON, PSM P.S.M. NO.: LS 6560 ECHO UTILITY ENGINEERING & SURVEY 4803 GEORGE ROAD TAMPA, FL 33634 CERTIFICATE OF AUTHORIZATION: LB 8184

ŏ										
ıd−>		REVI:	SIONS		ENGINEER OF RECORD		STATE OF FLORIDA			
N.K	DATE	DESCRIPTION	DATE	DESCRIPTION	JASON L. LYLE, P.E.	DEP	ARTMENT OF TRAI	NSPORTATION		
rking			LICENSE NUMBER: 69009	ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
C:\pwwc					RUMMEL, KLEPPER & KAHL, LLP (RK&K) 402 S. KENTUCKY AVE, SUITE 400 LAKELAND, FL 33801	SR 15	ОКЕЕСНОВЕЕ	448976-1-52-01		

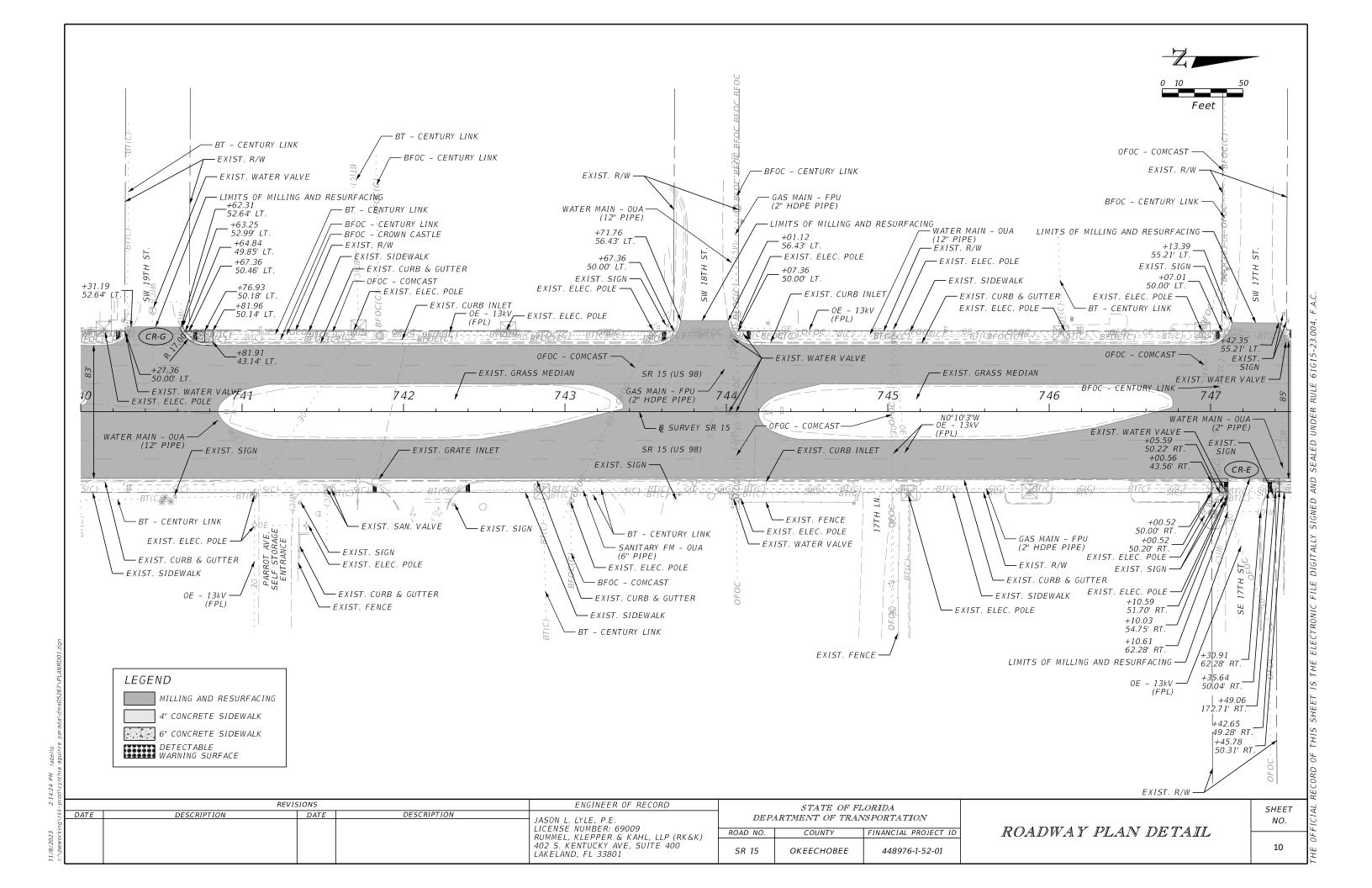
GENERAL NOTES

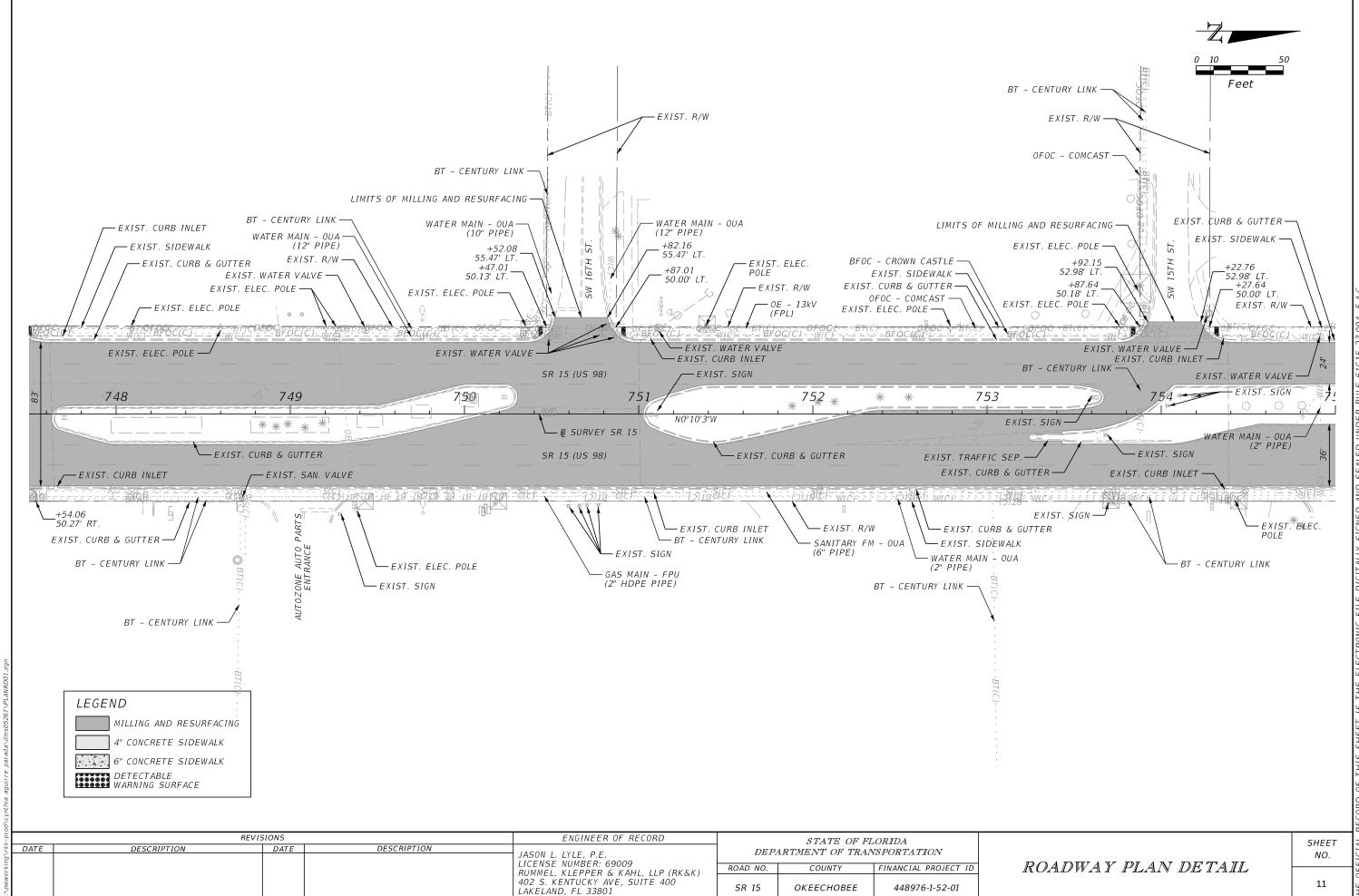
SHEET NO.





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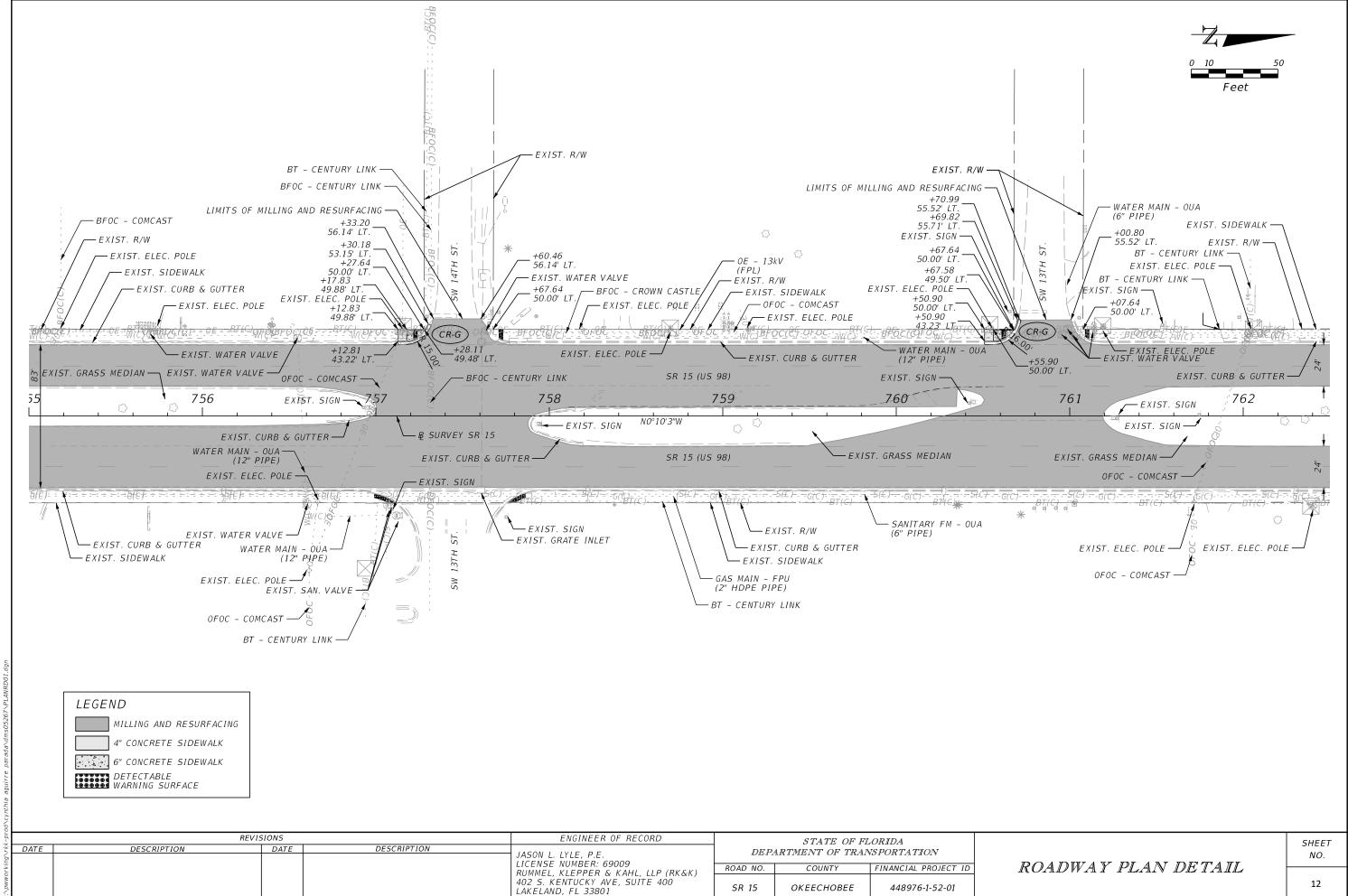


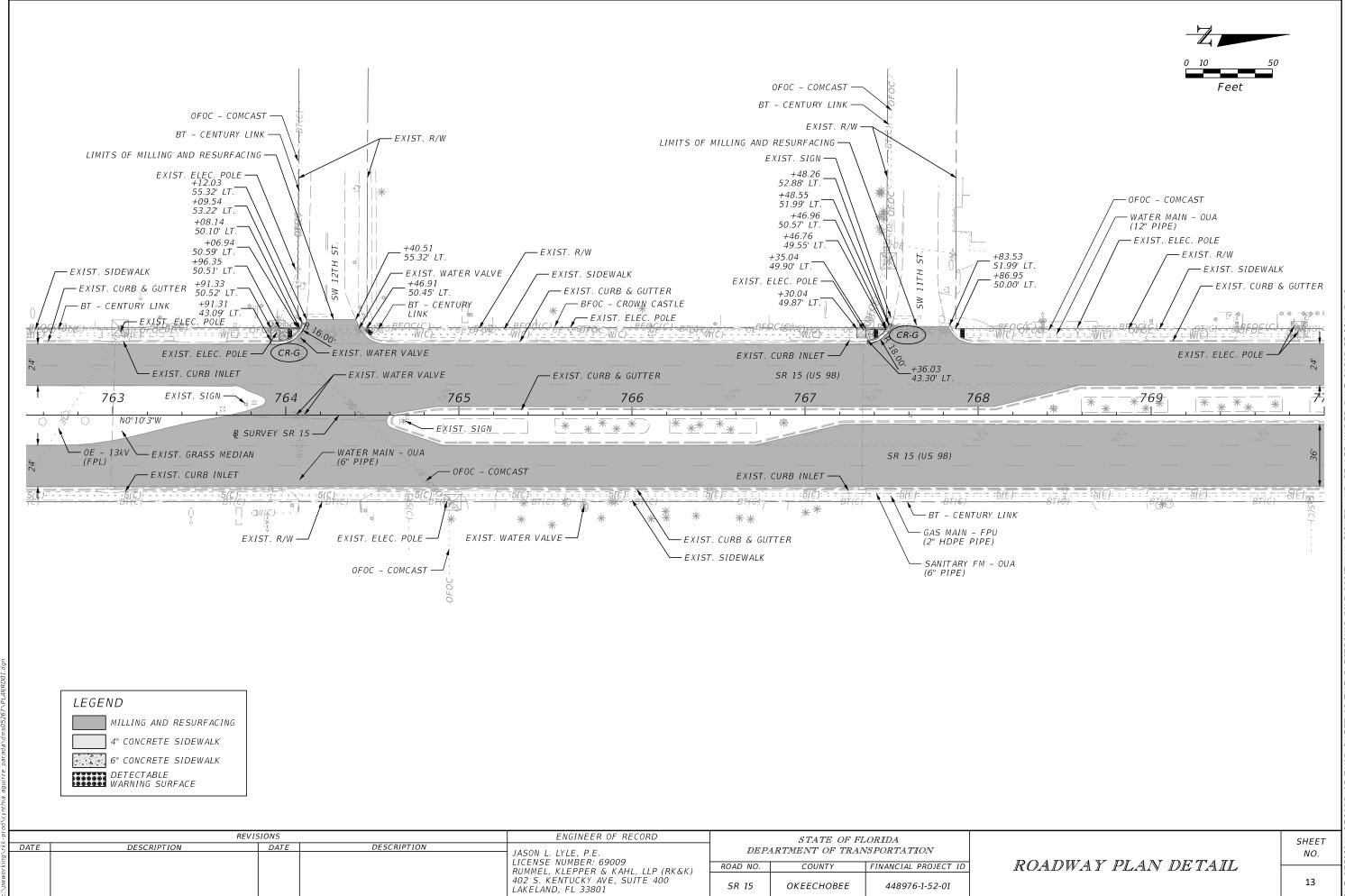
SR 15

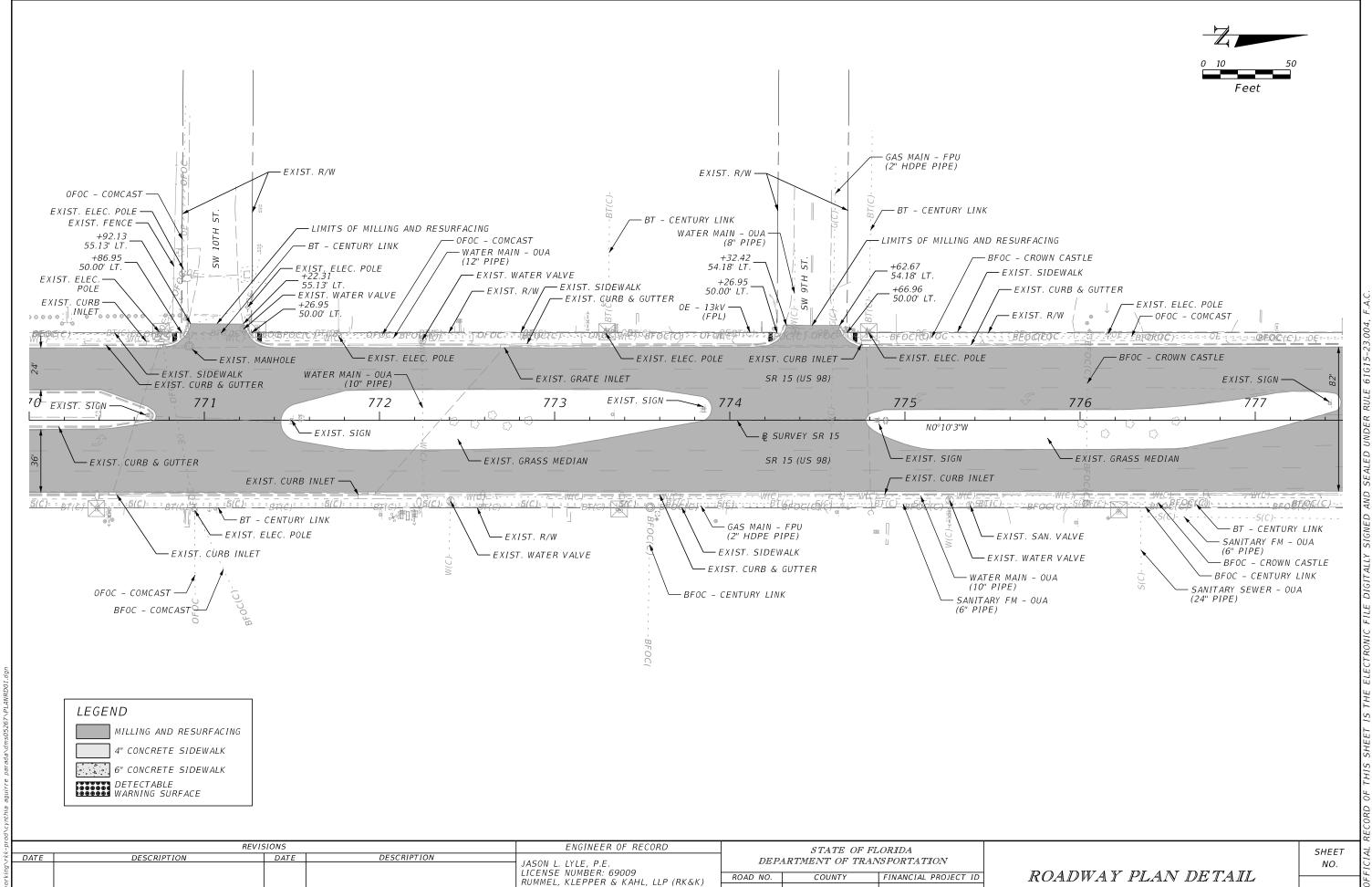
OKEECHOBEE

448976-1-52-01

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

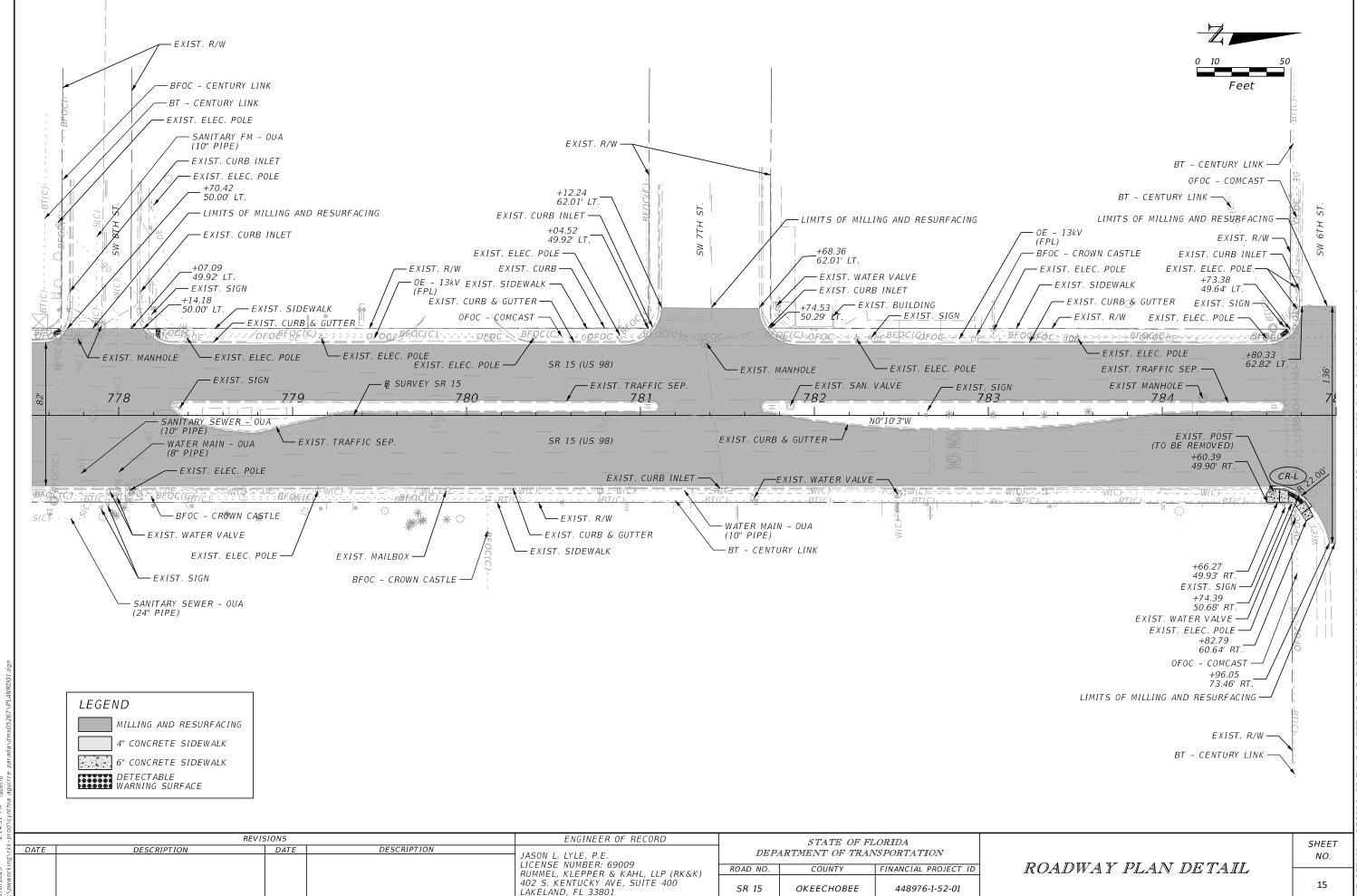
SR 15

OKEECHOBEE

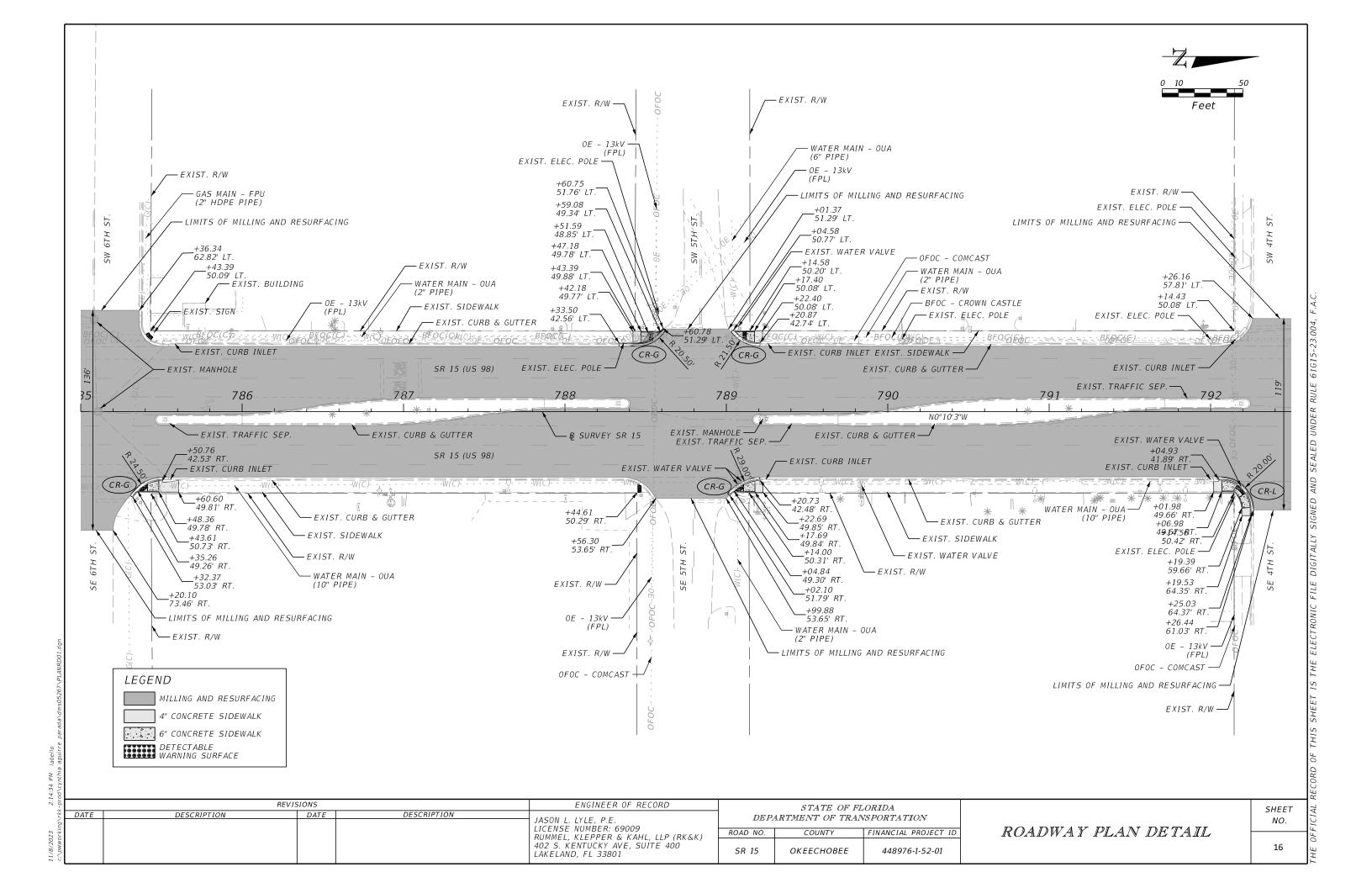
448976-1-52-01

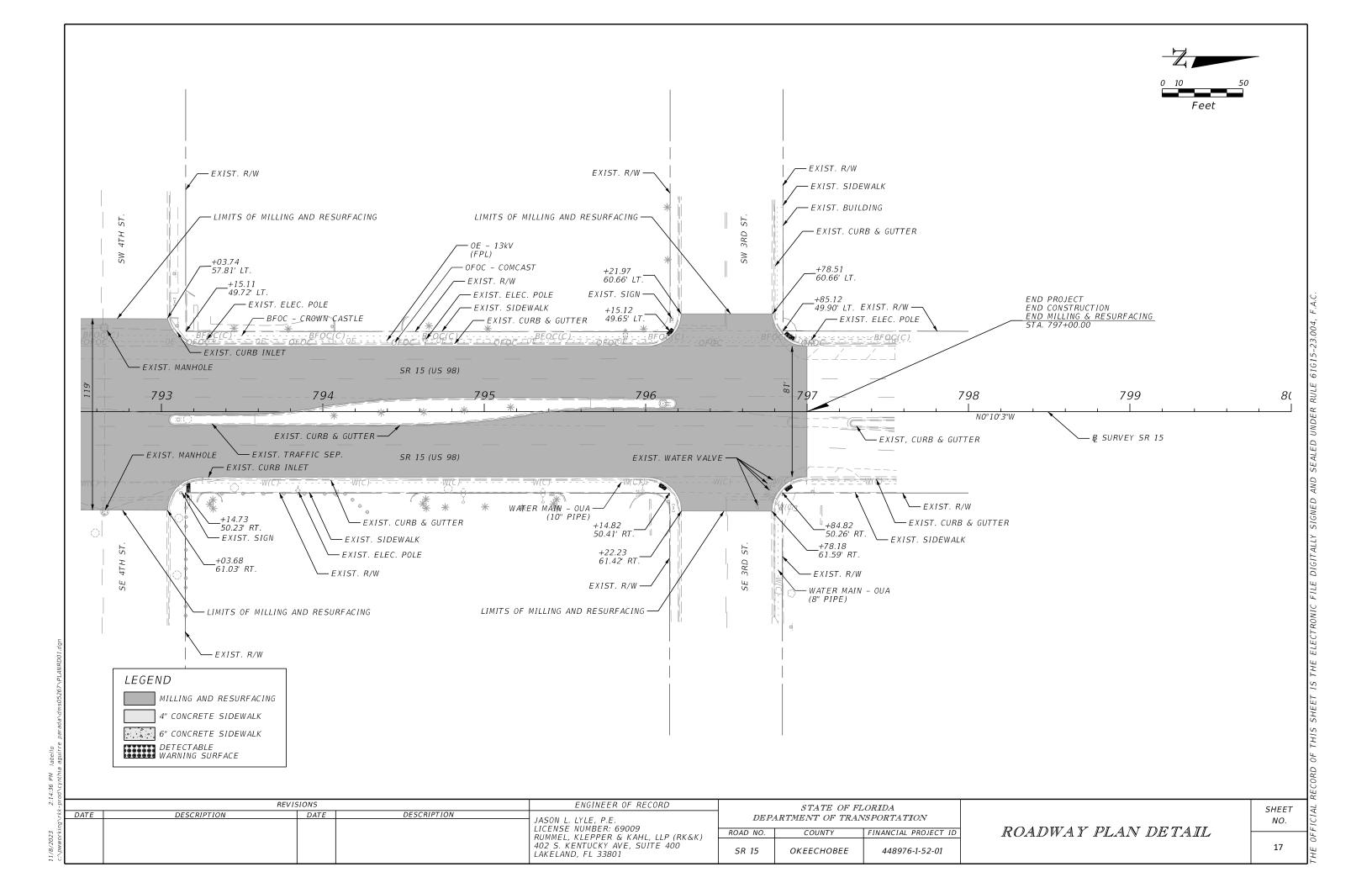
ROADWAY PLAN DETAIL

14



11/8/2023 2:17:31 BM 124:112





TEMPORARY TRAFFIC CONTROL (TTC) GENERAL NOTES

- 1. THE REGULATORY SPEED LIMITS FOR THE PROJECT ROADWAYS SHALL BE MAINTAINED UNLESS OTHERWISE INDICATED IN THE PLANS.
- 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 9:00 PM NB AND SB.
- 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.
- 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
- 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.
- NOTIFY ADJACENT PROPERTY OWNERS, 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES WHICH SHALL RESTRICT ACCESS, DELIVERY, ETC, TO PRIVATE COMMERCIAL PROPERTIES.
- PROVIDE NOTIFICATION TO OKEECHOBEE COUNTY TRAFFIC ENGINEER FOUR (4) WEEKS PRIOR TO ANY SIGNAL TIMING CHANGES.
- 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)

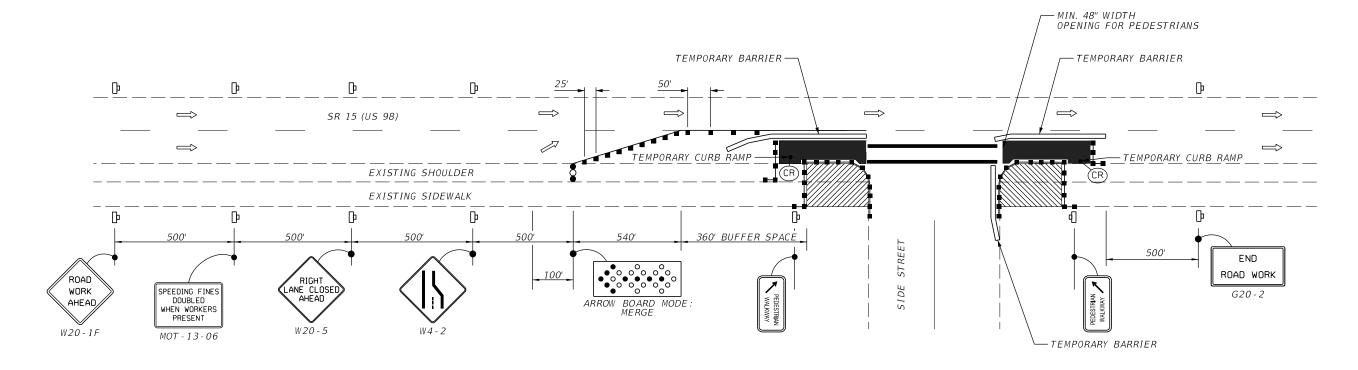
→ LANE IDENTIFICATION AND DIRECTION OF TRAFFIC

ADVANCE WARNING ARROW PANEL

₩ORK ZONE SIGN

■ PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE

REQUIRED LOCATION FOR TEMPORARY CURB RAMP (SEE INDEX 522-002)



TEMPORARY TCP SIGNING DETAIL

NOTE: FOR ADDITIONAL DETAILS SEE INDEX NOS. 102-100 & 102-660

	REVIS	SIONS		ENGINEER OF RECORD	STATE OF FLORIDA			
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON L. LYLE, P.E.	DEPARTMENT OF TRANSPORTATION			
		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	

TEMPORARY TRAFFIC CONTROL PLANS

SHEET NO.

18

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.

	REVI.	SIONS		ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			
DATE	DESCRIPTION	DATE	DESCRIPTION	IACON LIVIE DE				
				JASON L. LYLE, P.E. LICENSE NUMBER: 69009				
			ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
				402 S. KENTUCKY AVE, SUITE 400 LAKELAND, FL 33801	SR 15	ОКЕЕСНОВЕЕ	448976-1-52-01	