November 7, 2023

Cindy Mulkey
Deputy Director, Water Resource Management
Siting Coordination Office
Florida Department of Environmental Protection
2600 Blair Stone Road, MS 5500
Tallahassee, FL 32399-2400
Submitted electronically to: sco@floridadep.gov

Re: FPL Sweatt-Whidden 230 kV Transmission Line Project
TLSA Application No. TA22-19
Segment 1: Sweatt-Whidden 230kV Line | Sweatt-Basinger Section
FDOT Utility Permit

Dear Ms. Mulkey,

Pursuant to Section A. Condition XXI. and Section B. Condition II of the Conditions of Certification, Florida Power & Light Company (FPL) respectfully submits the enclosed FDOT Parallelism Permit for temporary works for construction along US HWY 441 and US HWY 98 as well as FDOT Road Crossing Permits for US HWY 441 for the construction of the new 230kV Transmission Line.

The enclosed applications will also be submitted directly to FDOT. FPL looks forward to continuing working with the Department and other agencies during the Post-Certification process. If you have additional questions, please do not hesitate to contact Shawn Hansen at (561) 904-3313 or Rafael Vides at (561) 904-3692.

Best Regards,

Gregg Hall
Sr Manager Engineering -Siting, FPL T/S
gregg.a.hall@fpl.com

Enclosures:
Distribution List
FDOT Parallelism Along US HWY 441
FDOT Parallelism Along US HWY 98
FDOT Road Crossing Permit over US Hwy 441

FPL Sweatt-Whidden TLSA (TA22-19) Distribution List

Florida Department of Environmental Protection Siting Coordination Office 2600 Blair Stone Road, MS 5500 Tallahassee, Florida 32399-2400 ann.seiler@floridadep.gov and SCO@floridadep.gov Office of General Counsel 3900Commonwealth Blvd, MS 35 Tallahassee, Florida 32399-3000 Kelley.Corbari@FloridaDEP.gov	**Florida Department of Transportation** Richard Shine, Esquire 605 Suwannee Street, MS-58 Tallahassee, Florida 32399 Richard.Shine2@dot.state.fl.us April.Combs@dot.state.fl.us monica.zhong@dot.state.fl.us

FLORIDA DEPARTMENT OF TRANSPORTATION

UTILITY PERMIT

December 14, 2016

PERMIT NO: Temp: 0233983

2023-H-191-00264

STATE ROAD INFORMATION

County:	Section:	State Road No:	Beginning Mile Post:	Ending Mile Post:
Okeechobee	91020000	SR 15	20.431	20.431

APPLICANT INFORMATION

The Utility Agency Owner (UAO) shall be identified in this Applicant Information Box. When the UAO is a City or County and desires to have the Utility Builder make a joint permit applicant, as prescribed in Section 2.1(4) of the 2017 Utility Accommodation Manual (UAM), the Utility Builder shall also be identified in this Applicant Information Box. A Utility Builder alone cannot apply for a utility permit without the City or County adding them as a joint applicant.

Utility Agency/Owner (UAO)

Name: FLORIDA POWER & LIGHT-JUNO
Contact Person: FLORIDA POWER & LIGHT-JUNO
Address: 700 UNIVERSE BOULEVARD (TS4/JW)
City: JUNO BEACH
State: Florida
Zip: 33408
Telephone: 5619043692
Email: rafael.e.vides@fpl.com

Utility Builder (only applicable when the UAO is a City or County)

Name:
Contact Person:
Address:
City:
State:
Zip:
Telephone:
Email:

WORK DESCRIPTION

The Applicant(s) requests permission from the Florida Department of Transportation (FDOT) to construct, operate, and maintain the utilities as described below and as depicted in the incorporated documentation.

Install new Transmission Line facilities along SR-15 (US-441) between NE 224th St and NW 240th St and crossing over SR-15 (US-441) at NE 224th St in Okeechobee County, Florida. Sweatt-Whidden 230kV Transmission Line, FPL IO# 2H.T00000030424. NOTE: The proposed FPL Sweatt-Whidden 230kV transmission line was certified under the Florida Transmission Line Siting Act (TLSA, Florida Statutes 403.52-403.539) on September 22, 2022. One of the requirements of the TLSA certification ... (see work description cont. page)

Utility Work No:

Additional sheets are attached and are incorporated into this permit Yes ☑ No ☐

For FDEP certification, the FDOT agency report is attached in accordance with UAM Section 2.4.1 (13) Yes ☐ No ☑

TRAFFIC CONTROL (TCP)

☑ The TCP will comply with the following 600 series index(es) 601, 602, 603, 625

☐ A TCP has been attached and incorporated into this permit application in compliance with UAM Section 2.4.2.

MOT Technician's contact information (may be supplied at the two (2) business day notification to FDOT):

Name: Gil Sanford Telephone (941) 661-0998 ext. _____ Email: Gil.Sanford@fpl.com

COMMENCEMENT OF WORK

The UAO and/or Utility Builder shall commence actual construction in good faith within sixty (60) calendar days after approval of the permit application. If the beginning date is more than sixty (60) calendar days from the date of approval, the UAO and/or Utility Builder must review the permit with the FDOT Approving Engineer listed to make sure no changes have occurred to the transportation facility that would affect the permit's continued approval. The UAO and/or Utility Builder shall make good faith efforts to expedite the work and complete the work within the calendar days indicated.

Anticipated Start Date: 2/1/2024

Calendar days needed to completed: 365

Florida Department of Transportation

UTILITY PERMIT

PERMIT NO: Temp: 0233983

APPLICANT SIGNATURE

By the below signature(s) the UAO and/or Utility Builder agree(s) to construct, operate, and maintain the work as noted in the above Work Description, shown in plans and incorporated documents, in compliance with the UAM, all instructions noted in the FDOT Special Instructions Box, and special instructions incorporated into this permit. The UAO and/or Utility Builder declares, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the plans of the work areas. In accordance with UAM Section 2.8, the UAO and/or Utility Builder further declares that a letter of notification was delivered to the owners of other facilities within the work areas and that those listed below are the only facility owners known to be involved or potentially impacted by the proposed work.

Date Notified:	Name of other facility owners (attach additional sheets if necessary).
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Utility Agency/Owner	Utility Builder (when applicable)
Signature: _____ Date: _____	Signature: _____ Date: _____
Name (printed): _____	Name (printed): _____
Title: _____	Title: _____

FDOT PROJECT INFORMATION

Pursuant to UAM Section 2.1(10), the utility work is within FDOT projects listed below and must have a Utility Work Schedule for each project approved prior to commencement of work within the FDOT project limits:

There are NO FDOT constructions (proposed or underway).
This work is NOT related to an approved Utility Work Schedule.

FDOT SPECIAL INSTRUCTIONS

In accordance with UAM Section 2.7, FDOT incorporates the below and attached special instructions into this permit.

Additional FDOT Special Instructions are attached and incorporated into this permit. Yes ☐ No ☑

PERMIT APPROVAL

By signature below, FDOT gives permission to the UAO and /or Utility Builder to construct, operate, and maintain the utilities indicated in this Utility Permit in compliance with the UAM, all incorporated documents, and special instructions. Any changes to the approved work must be approved by the FDOT's Approving Engineer and attached and incorporated into this permit in accordance with UAM Section 2.11.

Approving Engineer: _____ Date: _____

Name: _____

Title: _____

Notification of Utility Work to be provided to: Telephone _____ or Email: _____

An FDOT Representative is required to be present on the worksite prior to commencement of work. Yes ☐ No ☐

Rep. Name: _____ Telephone _____ Email: _____

Florida Department of Transportation

UTILITY PERMIT

PERMIT NO: Temp: 0233983

CERTIFICATION

I, the undersigned UAO and/or Utility Builder, hereby CERTIFY that the utilities were constructed and inspected in compliance with the UAM all incorporated documents, and special instructions. Pursuant to UAM Section 2.11, all changes have been approved by the FDOT's Approving Engineer and incorporated into this permit along with all other material certifications, test results, bore logs, approved plans changes, as-built plans or other required documentation.

I also CERTIFY that work began on _____ and was completed on _____ and that the area was left in as good or better condition than when the work began.

Utility Agency/Owner	Utility Builder (when applicable)
Signature: _____ Date _____	Signature: _____ Date _____
Name (printed): _____	Name (printed): _____
Title: _____	Title: _____

FINAL INSPECTION OF WORK

☐ The work was inspected and found to be in non-compliance as noted below:

☐ All issues of non-compliance listed above have been brought into compliance and/or FDOT has no outstanding issues that need to be addressed by the UAO and/or Utility Builder. However, this final inspection does not release the UAO and/or Utility Builder of their continuing responsibilities pursuant to Rule 14-46.001, the UAM, all incorporated documents, and special instructions.

FDOT Inspector: _____ Date: _____

Name: _____

Title: _____

PERMIT NO.: Temp: 0233983

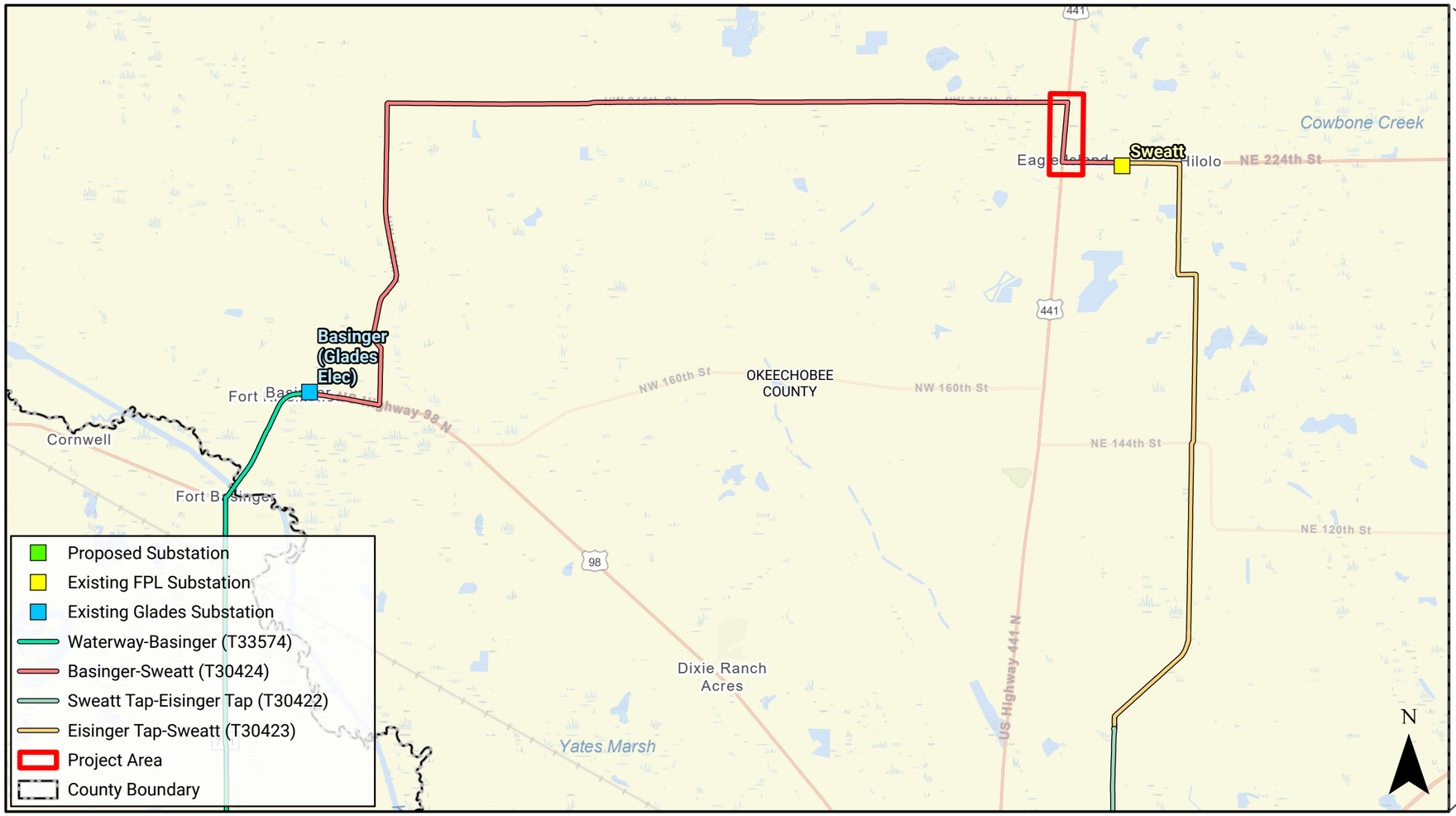
The complete Work Description could not fit in the space allotted on Page 1 of the Utility Permit so it is displayed below.

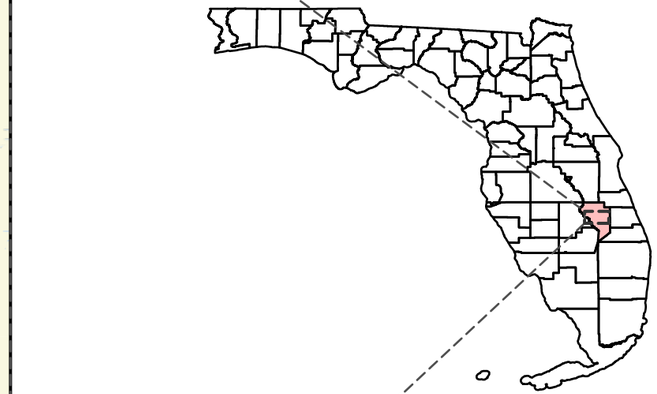
Work Description

Install new Transmission Line facilities along SR-15 (US-441) between NE 224th St and NW 240th St and crossing over SR-15 (US-441) at NE 224th St in Okeechobee County, Florida. Sweatt-Whidden 230kV Transmission Line, FPL IO# 2H.T00000030424.

NOTE: The proposed FPL Sweatt-Whidden 230kV transmission line was certified under the Florida Transmission Line Siting Act (TLSA, Florida Statutes 403.52-403.539) on September 22, 2022. One of the requirements of the TLSA certification process requires when FPL makes post certification (permit) submittals to affected agencies and local governments it makes simultaneous submittals to the Florida DEP Siting Coordination Office in Tallahassee. The cover letter to FDEP and the distribution list of the other parties to the certification are included here for your information.

SR-70 PROJECT
PROPOSED SWEATT - WHIDDEN 230KV LINE
SWEATT - BASINGER SECTION US 441
FDOT PARALLELISM EXHIBIT





PROJECT LOCATION

OKEECHOBEE COUNTY

Permit to use FDOT Road R/W for installation of matting for construction of new 230kV Transmission Line. The Transmission Structures will be installed in FPL Easement on private property. MOT will be performed by the contractor in order to safely enter and exit the right of way at each work location. Note that only a few poles will be able to be worked each day.

Okeechobee County Roads NE 224th, NE 240th, and NW 176th will be permitted under separate cover.

NOTES:

1. COMPLIANCE WITH 2017 UAM, 2018 FLORIDA GREENBOOK & 2023-24 FDOT SPECIFICATIONS.
2. CONSTRUCTION AREA TO BE RESTORED TO EXISTING CONDITIONS AFTER CONSTRUCTION PERFORMED.
3. SOFT DIGS ARE SCHEDULED AS REQUIRED. LOCATE IDENTIFIED UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION.
4. SEE ATTACHED STANDARD FDOT MOT INDEXES 102-601, 102-602, 102-603, 102-625.
5. ALL POLE LOCATIONS WILL COMPLY WITH ADA REQUIREMENTS FOR WHEELCHAIR ACCESS.

REV	DATE	DESCRIPTION	BY	CKD	APP
A	11/3/2023	ISSUED FOR SUBMITTAL	CAC	BJW	BJW

FLORIDA POWER & LIGHT COMPANY

2H.T00000030424

SCALE: NTS
DRAWN BY: CAC
ENGINEER: BJW
COUNTY: OKEECHOBEE
SHEET 1 OF 7

DATE: 11/3/2023
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

SWEATT-WHIDDEN 230KV LINE
US 441 FDOT PARALLELISM EXHIBIT
COVER SHEET

This product is for informational purposes only and may not have been prepared for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of displayed information. Issued for permitting purposes only.

- Existing FPL Substation
- Existing Glades Substation
- Project Centerline
- Map Sheet Boundary

REV	DATE	DESCRIPTION	BY	CKD	APP
A	10/24/2023	ISSUED FOR SUBMITTAL	CAC	BJW	BJW

FLORIDA POWER & LIGHT COMPANY **2H.T00000030424**

SCALE: NTS
DRAWN BY: CAC
ENGINEER: BJW
COUNTY: OKEECHOBEE
SHEET: 2 OF 7

DATE: 10/24/2023
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

SWEATT-WHIDDEN 230KV LINE
US 441 FDOT PARALLELISM EXHIBIT
INDEX MAP

This product is for informational purposes only and may not have been prepared for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of displayed information.

US HWY 441

REV	DATE	DESCRIPTION	BY	CKD	APP
A	10/24/2023	**ISSUED FOR SUBMITTAL**	CAC	BJW	BJW

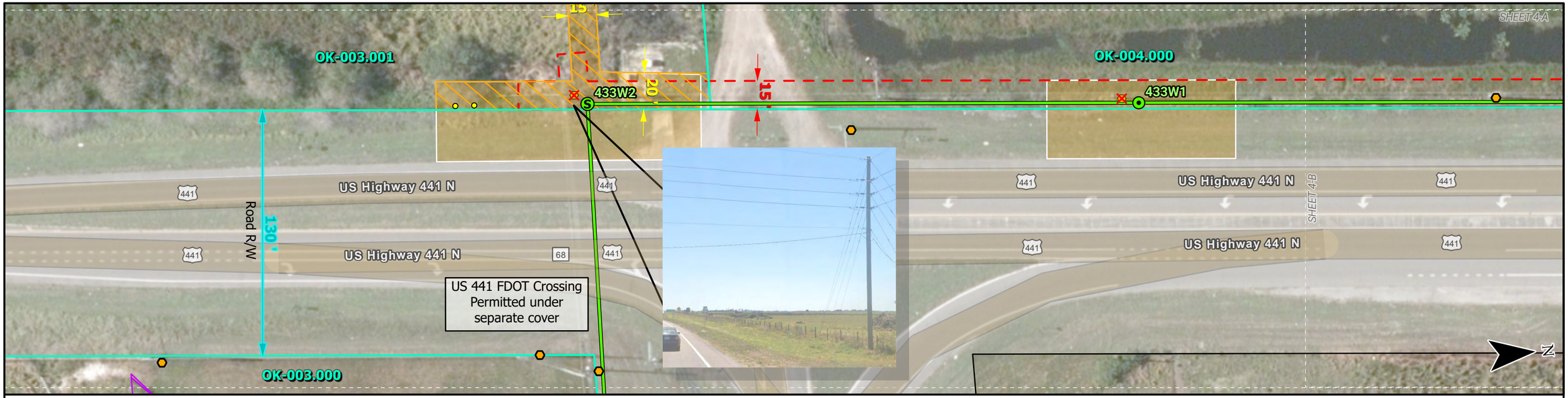
FLORIDA POWER & LIGHT COMPANY ***2H.T00000030424***

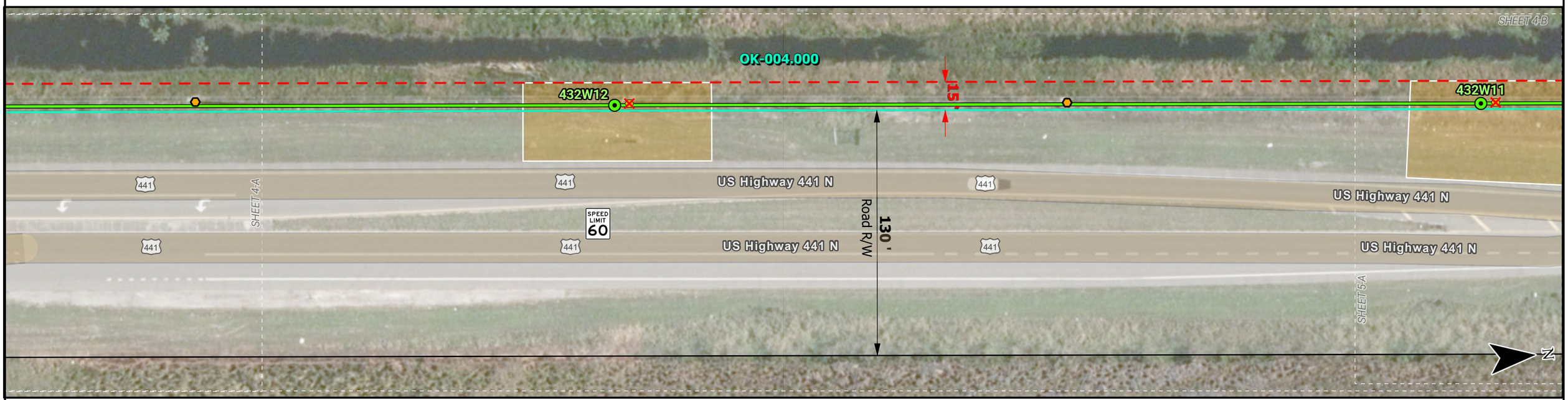
SCALE: NTS
DRAWN BY: CAC
ENGINEER: BJW
COUNTY: OKEECHOBEE
SHEET: 3 OF 7

DATE: 10/24/2023
CHECKED BY: BJW
SECTION: AS SHOWN

SWEATT - WHIDDEN 230KV LINE
FDOT PARALLELISM EXHIBIT
PROPOSED PHOTO SIMULATION

This product is for informational purposes only and may not have been prepared for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of displayed information.





- Proposed Concrete Structure
- Proposed Concrete Splice Structure
- Proposed Steel Structure
- Proposed Steel Splice Structure
- GEC Structure to Remove
- Sweatt-Waterway Proposed Anchor Pile
- Existing Distribution Pole
- GEC Proposed Distribution Pole
- GEC Existing Distribution Pole
- GEC Distribution Pole to Remove
- FPL Distribution Pole to Remove
- Proposed Centerline
- Existing Transmission Line to be Removed
- Proposed FPL Easement
- Permanent Access Easement
- FPL Electric Easement
- Glades Electric Easement
- Seminole Electric Easement
- SFWMD Conservation Easement
- Surface Water
- Wetland
- Upland Matting
- Wetland Matting
- Upland Tree Clearing
- Wetland Tree Clearing
- Road ROW
- Project Parcel

0 50 100 Feet

REV	DATE	DESCRIPTION	BY	CKD	APP
A	10/24/2023	ISSUED FOR SUBMITTAL	CAC	BJW	BJW

FLORIDA POWER & LIGHT COMPANY **2H.T00000030424**

SCALE: 1" = 50'
DRAWN BY: CAC
ENGINEER: BJW
COUNTY: OKEECHOBEE
SHEET 4 OF 7

DATE: 10/24/2023
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

SWEATT -WHIDDEN 230kV LINE
US 441 PARALLELISM EXHIBIT
LOCATION MAP

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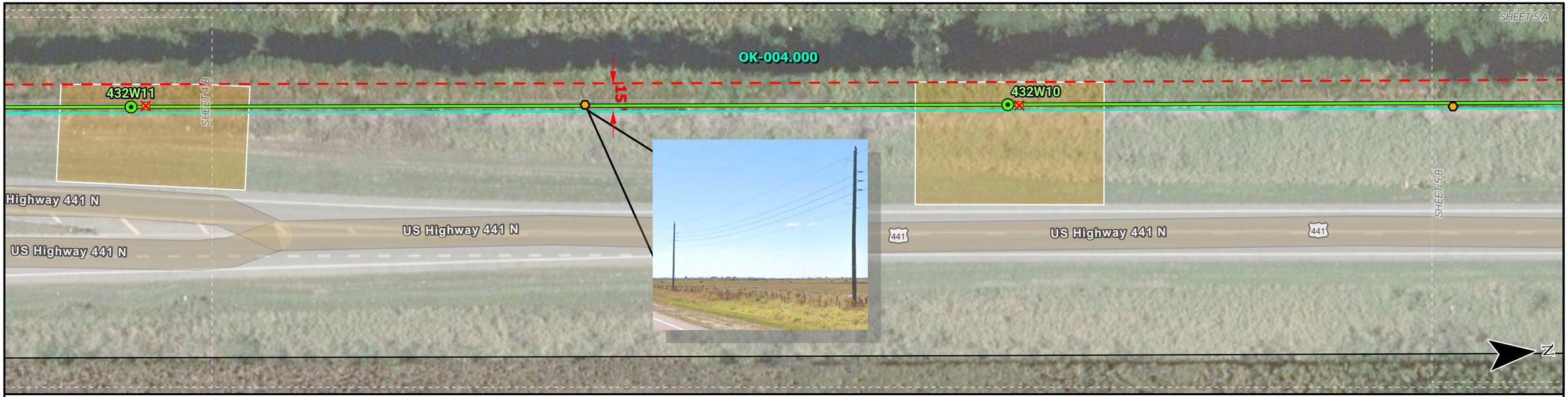

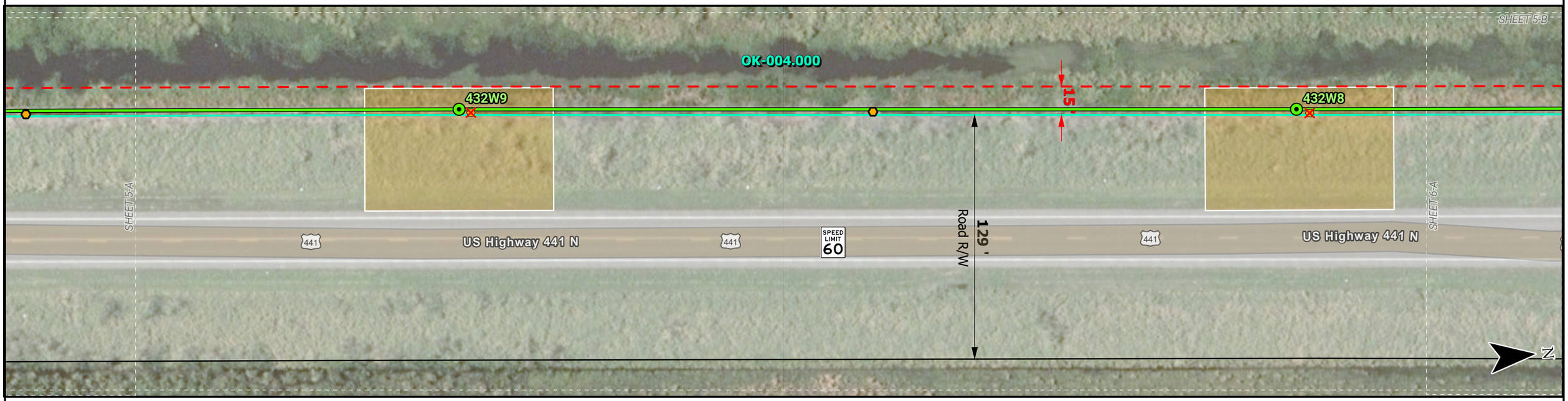

- Proposed Concrete Structure
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- Project Parcel

0 50 100 Feet

REV	DATE	DESCRIPTION	BY	CKD	APP
A	10/24/2023	ISSUED FOR SUBMITTAL	CAC	BJW	BJW

FLORIDA POWER & LIGHT COMPANY **2H.T00000030424**

SCALE: 1" = 50'
DRAWN BY: CAC
ENGINEER: BJW
COUNTY: OKEECHOBEE
SHEET 5 OF 7

DATE: 10/24/2023
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

SWEATT -WHIDDEN 230kV LINE
US 441 PARALLELISM EXHIBIT
LOCATION MAP

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OK-004.000

432W7

15'

SHEET 5-B

SHEET 6-B

441

US Highway 441 N

N

OK-004.000

15'

432W6

432W5

SHEET 6-A

SHEET 7-A

SPEED LIMIT 60

Road R/W

128'

US Highway 441 N

N

- Proposed Concrete Structure
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0 50 100 Feet

REV	DATE	DESCRIPTION	BY	CKD	APP
A	10/24/2023	ISSUED FOR SUBMITTAL	CAC	BJW	BJW

FLORIDA POWER & LIGHT COMPANY

2H.T00000030424

SCALE: 1" = 50'
DRAWN BY: CAC
ENGINEER: BJW
COUNTY: OKEECHOBEE
SHEET 6 OF 7

DATE: 10/24/2023
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

SWEATT -WHIDDEN 230kV LINE
US 441 PARALLELISM EXHIBIT
LOCATION MAP

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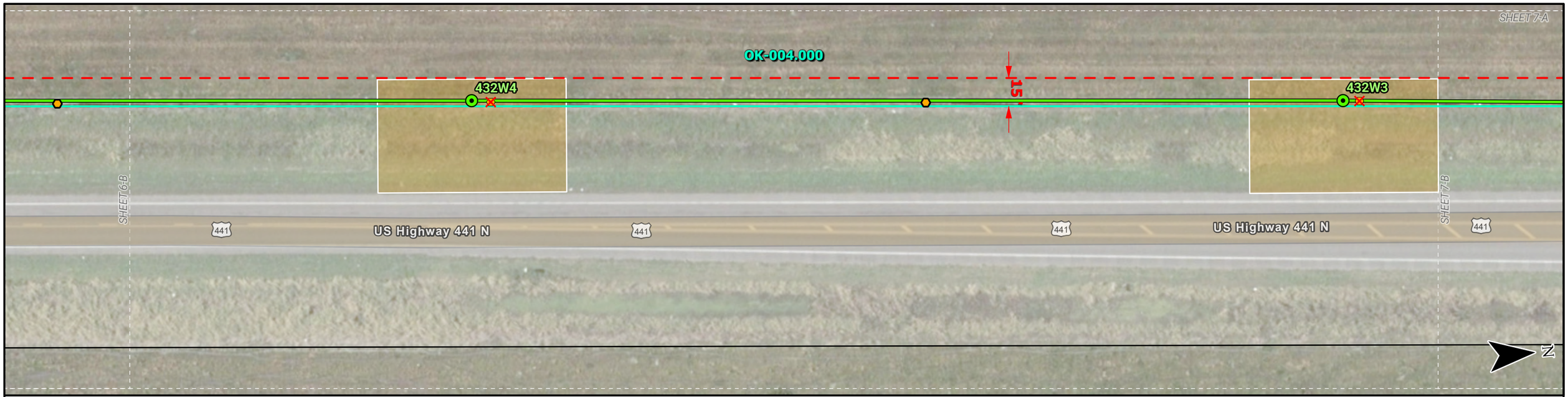

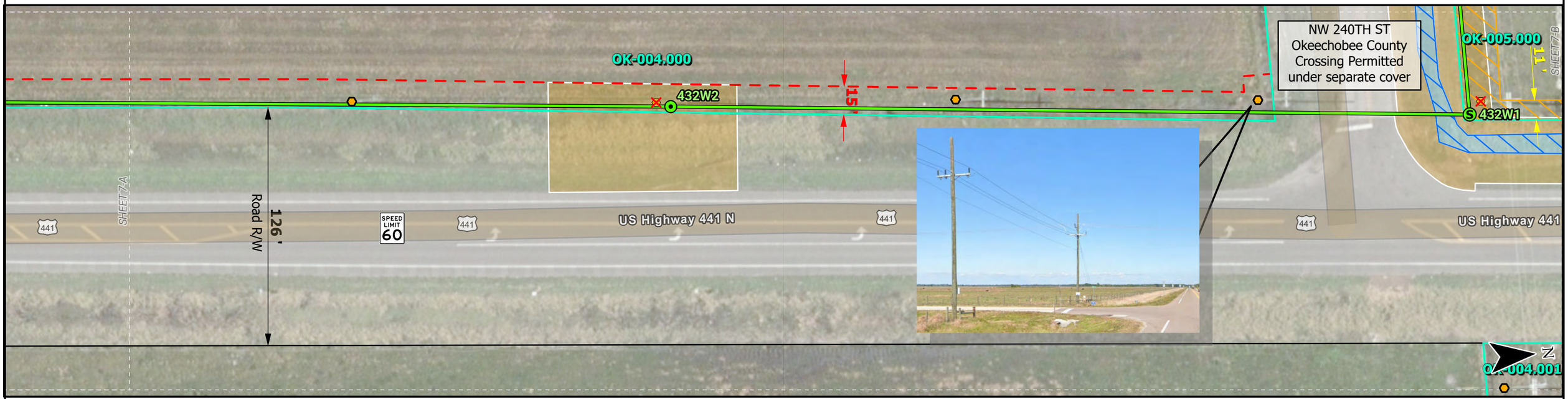

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- Project Parcel

0 50 100 Feet

REV	DATE	DESCRIPTION	BY	CKD	APP
A	10/24/2023	ISSUED FOR SUBMITTAL	CAC	BJW	BJW

FLORIDA POWER & LIGHT COMPANY **2H.T00000030424**

SCALE: 1" = 50'
DRAWN BY: CAC
ENGINEER: BJW
COUNTY: OKEECHOBEE
SHEET 7 OF 7

DATE: 10/24/2023
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

SWEATT -WHIDDEN 230kV LINE
US 441 PARALLELISM EXHIBIT
LOCATION MAP

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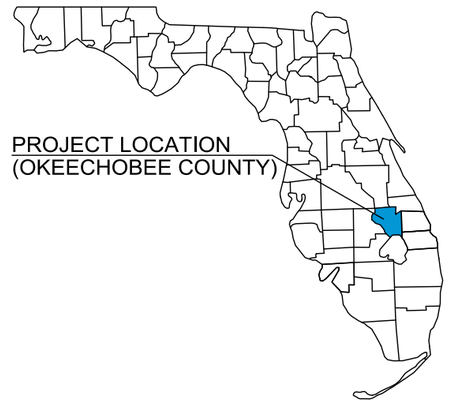
T30424 PROPOSED SWEATT-WHIDDEN 230kV LINE (SR 70 PROJECT)
FDOT ROAD CROSSING PERMIT
US HIGHWAY 441 (SR.-15)
OKEECHOBEE COUNTY, FLORIDA



NOTES:

1. COMPLIANCE WITH 2017 UAM, 2018 FLORIDA GREENBOOK & 2023-24 FDOT SPECIFICATIONS.
2. CONSTRUCTION AREA TO BE RESTORED TO EXISTING CONDITIONS AFTER CONSTRUCTION PERFORMED.
3. SOFT DIGS ARE SCHEDULED AS REQUIRED. LOCATE IDENTIFIED UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION.
4. SEE ATTACHED STANDARD FDOT MOT INDEXES 102-601, 102-602, 102-603 & 102-625.
5. ALL POLE LOCATIONS WILL COMPLY WITH ADA REQUIREMENTS FOR WHEELCHAIR ACCESS.

PICKETT
PICKETT AND ASSOCIATES, LLC
5010 WEST NASSAU STREET
TAMPA, FLORIDA 33607
C.A. NUMBER 31323
(813) 877-7770

REV	DATE	DESCRIPTION	BY	CKD	APP
0	09/27/2023	ISSUED FOR PERMIT	MDF	EW	BJW

TRANSMISSION ENGINEERING DEPARTMENT

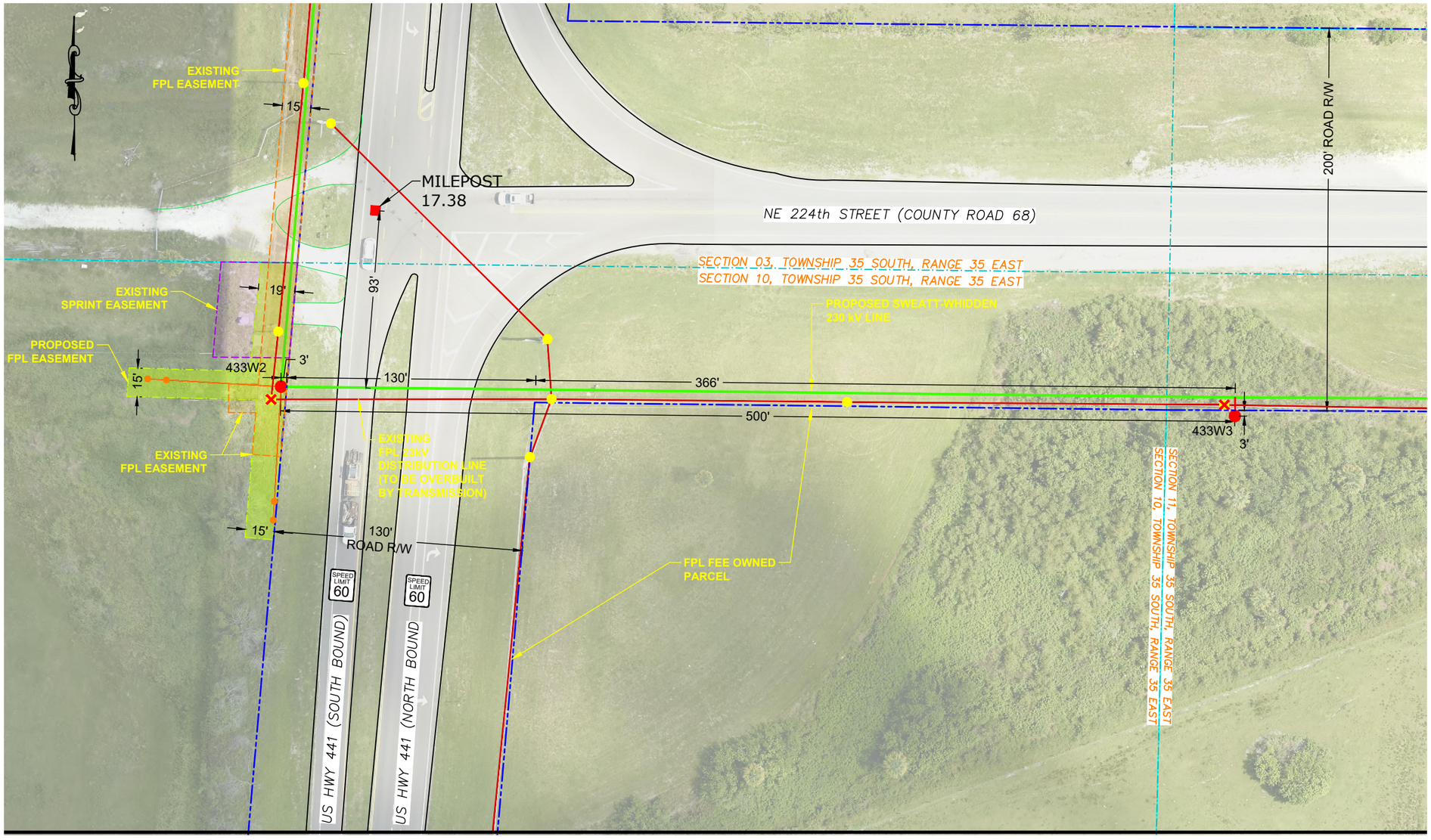
2H.T00000030424

SWEATT-WHIDDEN 230kV LINE

SCALE: 1"=2,000'
DRAWN BY: MDF
ENGINEER: BJW
COUNTY: OKEECHOBEE
SHEET 1 OF 3
DATE: 3/31/2023
CHECKED BY: EW
SECTION: 32-37S-36E, 24-37S-35E, 13-37S-35E
FILE NAME: FDOT Crossing Permit For HWY 441.dwg

FPL

SR-15 (US HWY 441)
FDOT ROAD CROSSING PERMIT



SR-15 (US HWY 441) CROSSING

PROPOSED SWEATT-WHIDDEN 230kV TRANSMISSION LINE
SEGMENT: SWEATT-BASINGER
PLAN VIEW

FDOT DISTRICT 1

NOTES:

1. COMPLIANCE WITH 2017 UAM, 2018 FLORIDA GREENBOOK & 2023-24 FDOT SPECIFICATIONS.
2. CONSTRUCTION AREA TO BE RESTORED TO EXISTING CONDITIONS AFTER CONSTRUCTION PERFORMED.
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LEGEND

- PROPOSED TRANSMISSION SPUN CONC. POLE
- PROPOSED TRANSMISSION LINE
- EXISTING DISTRIBUTION POLE (TO REMAIN)
- EXISTING DISTRIBUTION POLE (TO REMOVE)
- EXISTING DISTRIBUTION LINE
- PROPOSED ANCHOR PILE
- PROPOSED GUY WIRE
- RIGHT OF WAY LINE
- PROPERTY LINE
- EDGE OF PAVEMENT
- FPL EXISTING EASEMENT
- FPL PROPOSED EASEMENT
- SPRINT EXISTING EASEMENT
- SECTION, TOWNSHIP, RANGE

SR-15 (US HWY 441)		
SECTION: 10 SECTION: 11	TOWNSHIP: 35S TOWNSHIP: 35S	RANGE: 35E RANGE: 35E

AN APPLICATION TO INSTALL, OPERATE AND MAINTAIN 1-230kV TRANSMISSION LINE ALONG AND/OR ACROSS THE PROPERTY INDICATED ABOVE.

REFERENCE DATA	CROSSING DATA
CROSSING OVER SR-15 (US 441)	APPROX. 130 FEET LOCATED WITHIN ROAD R/W

PICKETT
PICKETT AND ASSOCIATES, LLC
5010 WEST NASSAU STREET
TAMPA, FLORIDA 33607
C.A. NUMBER 31323
(813) 877-7770

REV	DATE	DESCRIPTION	BY	CKD	APP
0	09/27/2023	ISSUED FOR PERMIT	MDF	EW	BJW

TRANSMISSION ENGINEERING DEPARTMENT

2H.T00000030424

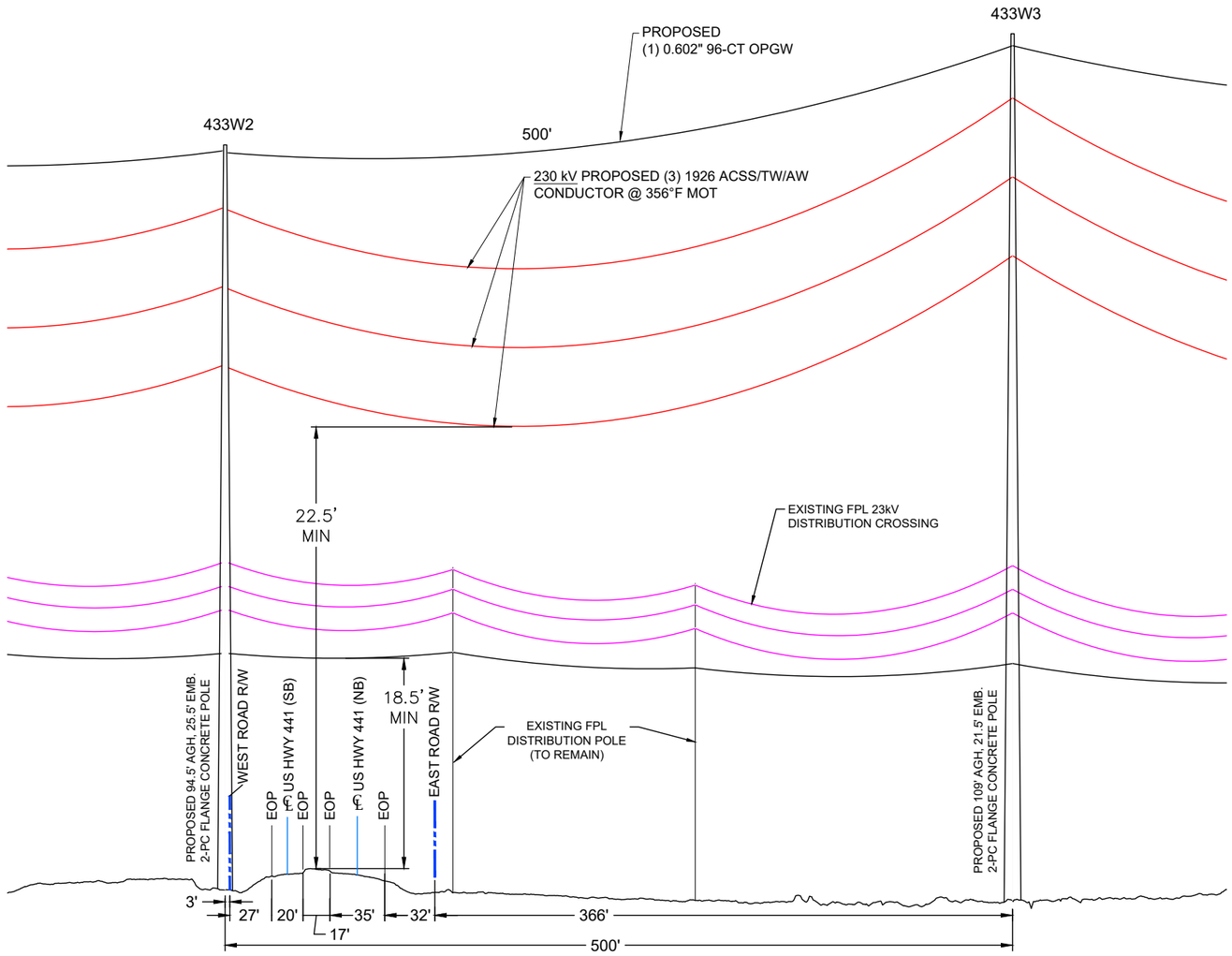
SWEATT-WHIDDEN 230kV LINE

SCALE: 1"=60'
DRAWN BY: MDF
ENGINEER: BJW
COUNTY: OKEECHOBEE
SHEET 2 OF 3

DATE: 3/31/2023
CHECKED BY: EW
SECTION: 10-35S-35E, 11-35S-35E
FILE NAME: FDOT Crossing Permit For HWY 441.dwg

FPL

SR-15 (US HWY 441)
FDOT ROAD CROSSING PERMIT



SR-15 (US HWY 441) CROSSING

PROPOSED SWEATT-WHIDDEN 230kV TRANSMISSION LINE
SEGMENT: SWEATT-BASINGER
PROFILE VIEW
LOOKING NORTH

PICKETT
PICKETT AND ASSOCIATES, LLC
5010 WEST NASSAU STREET
TAMPA, FLORIDA 33607
C.A. NUMBER 31323
(813) 877-7770

NOTES:

1. COMPLIANCE WITH 2017 UAM, 2018 FLORIDA GREENBOOK & 2023-24 FDOT SPECIFICATIONS.
2. CONSTRUCTION AREA TO BE RESTORED TO EXISTING CONDITIONS AFTER CONSTRUCTION PERFORMED.
3. SOFT DIGS ARE SCHEDULED AS REQUIRED. LOCATE IDENTIFIED UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION.
4. SEE ATTACHED STANDARD FDOT MOT INDEXES 102-601, 102-602, 102-603 & 102-625.
5. ALL POLE LOCATIONS WILL COMPLY WITH ADA REQUIREMENTS FOR WHEELCHAIR ACCESS.

SR-15 (US HWY 441)

SECTION: 10 *SECTION: 11*	*TOWNSHIP: 35S* *TOWNSHIP: 35S*	*RANGE: 35E* *RANGE: 35E*

AN APPLICATION TO INSTALL, OPERATE AND MAINTAIN 1-230kV TRANSMISSION LINE ALONG AND/OR ACROSS THE PROPERTY INDICATED ABOVE.

REFERENCE DATA	*CROSSING DATA*
CROSSING OVER SR-15 (US HWY 441)	*APPROX. 130 FEET LOCATED WITHIN ROAD R/W*

REV	DATE	DESCRIPTION	BY	CKD	APP
0	09/27/2023	ISSUED FOR PERMIT	MDF	EW	BJW

TRANSMISSION ENGINEERING DEPARTMENT

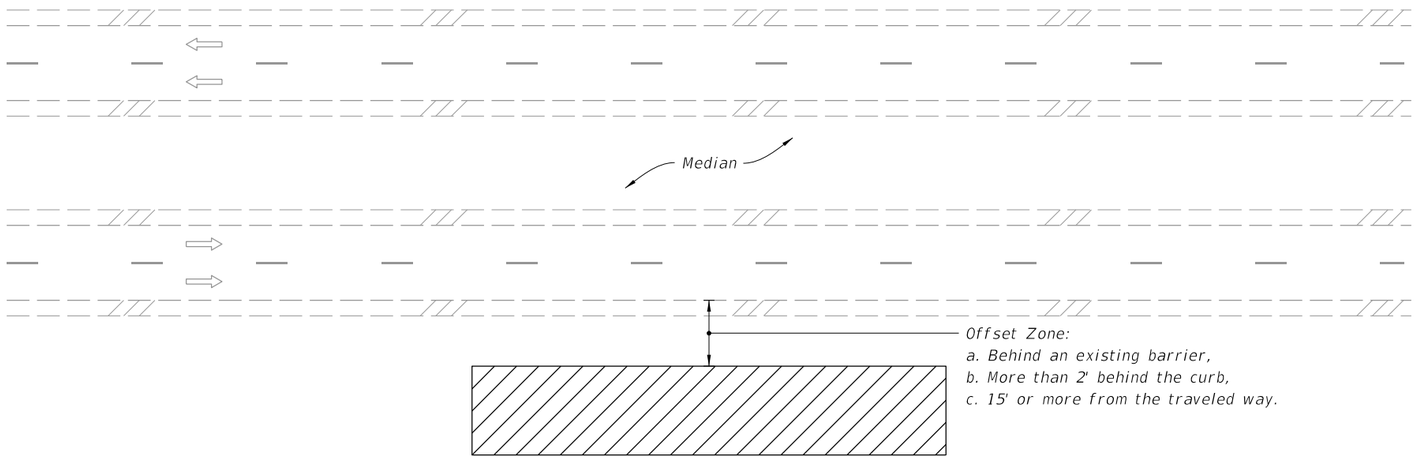
2H.T00000030424

SWEATT-WHIDDEN 230kV LINE

SCALE: N/A
DRAWN BY: MDF
ENGINEER: BJW
COUNTY: OKEECHOBEE
SHEET 3 OF 3
DATE: 3/31/2023
CHECKED BY: EW
SECTION: 10-35S-35E, 11-35S-35E
FILE NAME: FDOT Crossing Permit For HWY 441.dwg

FPL

SR-15 (US HWY 441)
FDOT ROAD CROSSING PERMIT



MULTILANE ROADWAY SHOWN, TWO-LANE ROADWAY SIMILAR

NOTES:

1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work beyond the shoulder.

2. Use Index 102-602 when the work operation (excluding establishing and terminating the work area) requires that two or more work vehicles cross the Offset Zone in any one hour period.

3. Use Index 102-660 when Work Area encroaches a Sidewalk.

SYMBOLS:

Work Area

Lane Identification and Direction of Traffic

10/6/2022 1:23:55 PM

LAST REVISION	REVISION	DESCRIPTION:			INDEX	SHEET
11/01/20			FY 2023-24 STANDARD PLANS	TWO-LANE AND MULTILANE ROADWAY, WORK BEYOND THE SHOULDER	102-601	1 of 1

NOTE:

1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.

2. L = Taper Length
   X = Work Zone Sign Spacing
   B = Buffer Length
   See Index 102-600 for "L", "X", "B", and channelizing device spacing values.

3. Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.

4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.

5. For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.

6. The "Speeding Fines Doubled When Workers Present" signs (M0T-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.

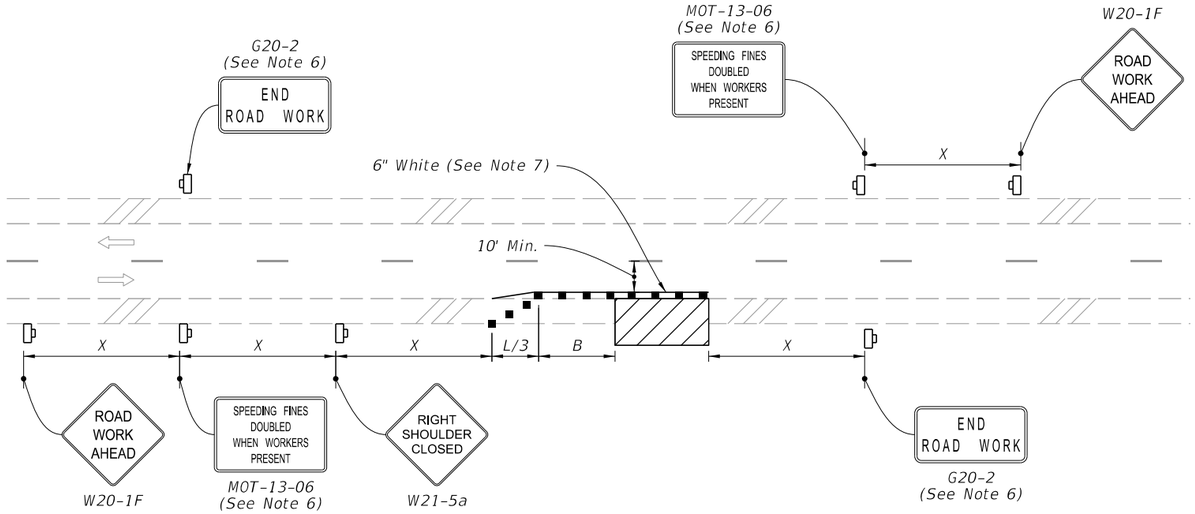
7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.

8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.

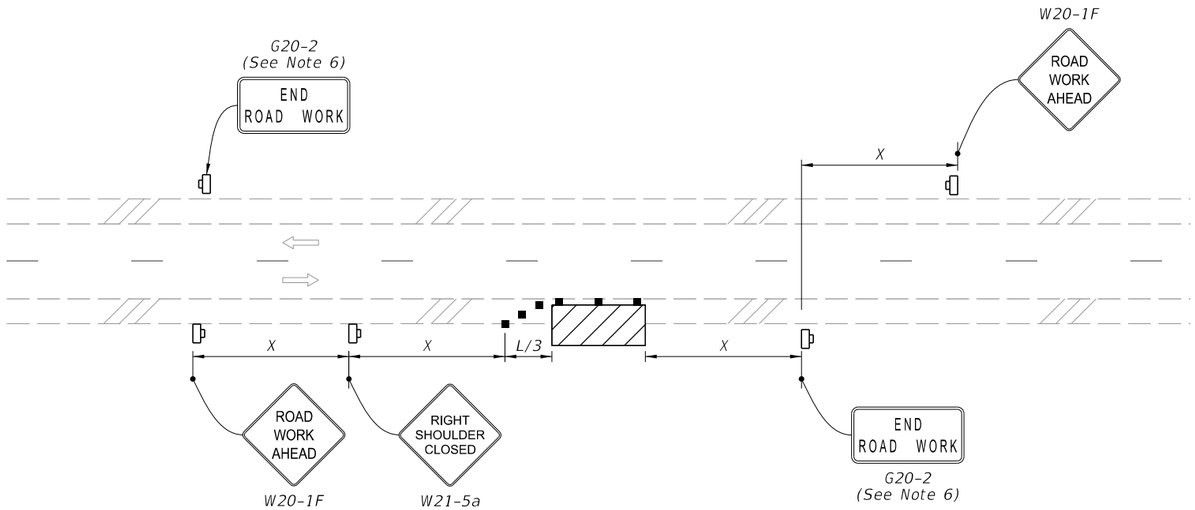
9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

SYMBOLS:

- Work Area
- ■ Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic



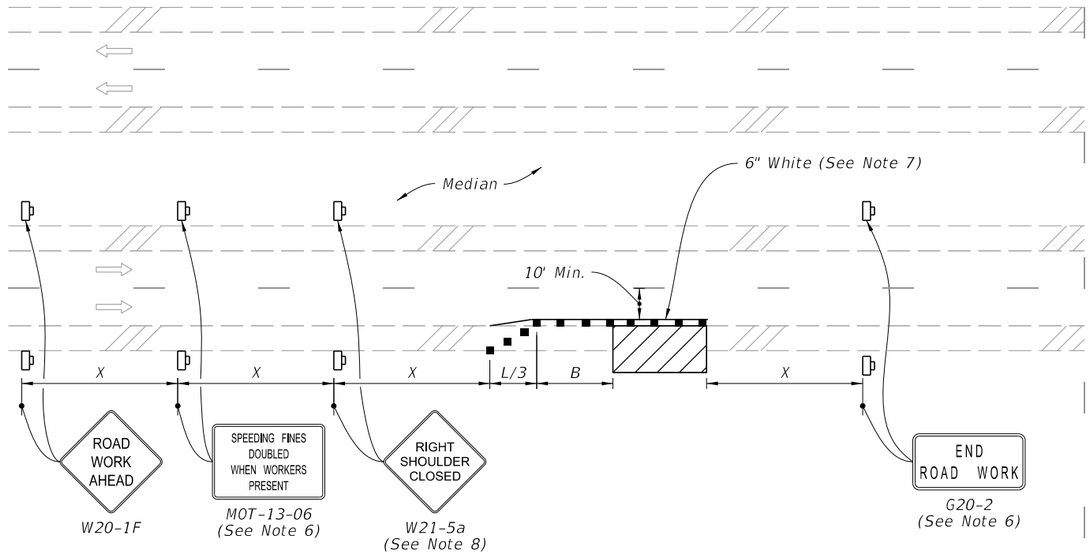
TWO-LANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY WITH WORK ZONE SPEED OF 45 MPH OR LESS



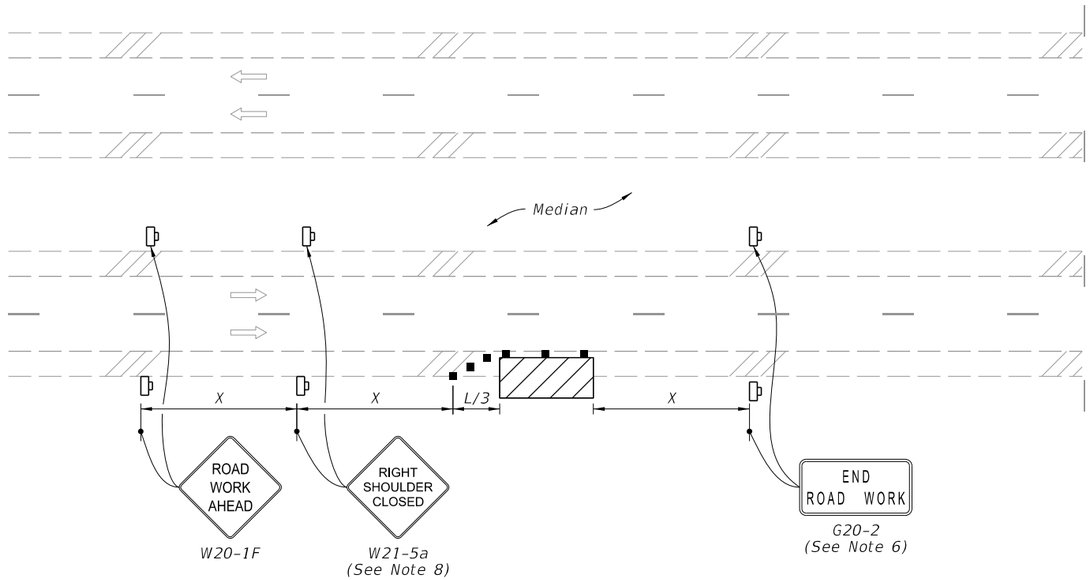
TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

2/2/2023 10:33:35 AM

LAST REVISION	REVISION	DESCRIPTION:				
11/01/21			FY 2023-24 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 1 of 2



MULTILANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY WITH WORK ZONE SPEED OF 45 MPH OR LESS



MULTILANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

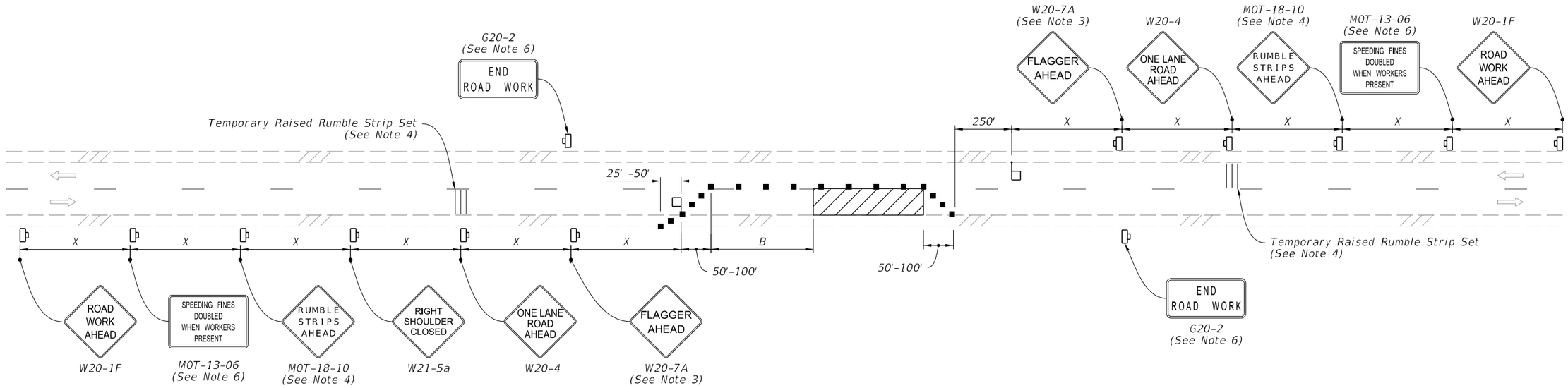
SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic

10:33:38 AM

2/2/2023

LAST REVISION	REVISION	DESCRIPTION:				
11/01/20			FDOT FY 2023-24 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 2 of 2



NOTES:

1. This Index applies to Two-Lane, Two-Way Roadways with work within the traveled way.

2. L = Taper Length
   B = Buffer Length
   X = Work Zone Sign Spacing
   See Index 102-600 for "L", "B", "X" and channelizing device spacing values.

3. Optionally, use "Flagger Ahead" sign with symbol (W20-7) instead of "Flagger Ahead" sign with text (W20-7A).

4. Use temporary raised rumble strips when the existing posted speed is 55 mph or greater and the work duration is greater than 60 minutes. If temporary raised rumble strips are not used, omit "Rumble Strips Ahead" signs (M0T-18-10) and associated work zone sign spacing.

5. Additional one-way control may be provided by the following means:
   a. Flag-carrying vehicle
   b. Official vehicle
   c. Pilot vehicles
   d. Traffic signals

   When flaggers are the sole means of one-way control, the flaggers must be in sight of each other or in direct communication at all times.

6. The "Speeding Fines Doubled When Workers Present" signs (M0T-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign spacing, may be omitted when the work operation will be in place for 24 hours or less.

7. Automated Flagger Assistance Devices (AFADs) may be used in accordance with Specification Sections 102, 990 and the APL vendor drawings.

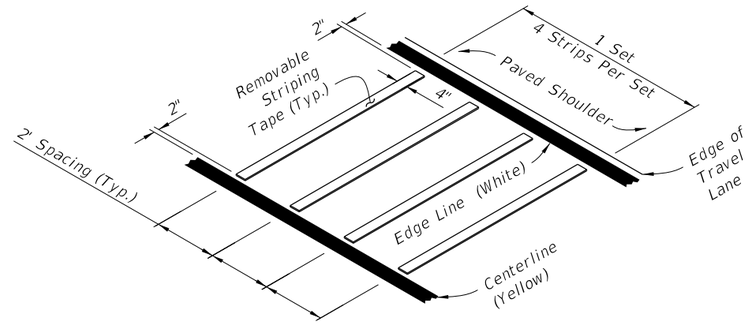
8. Railroad Crossings:

   a. If an active railroad crossing is located closer to the Work Area than the queue length plus 300 feet, extend the Buffer Space as shown on Sheet 2.

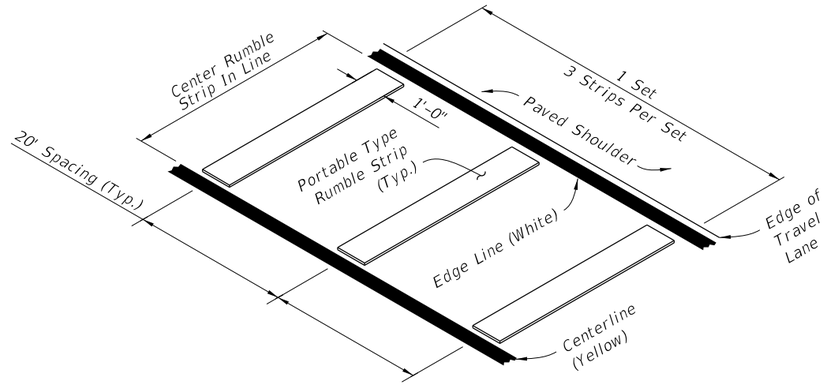
   b. If the queuing of vehicles across an active railroad crossing cannot be avoided, provide a uniformed traffic control officer or flagger at the highway-rail grade crossing to prevent vehicles from stopping within the highway-rail grade crossing, even if automatic train warning devices are in place.

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Flagger
- Lane Identification and Direction of Traffic



OPTION - 1
REMOVABLE STRIPING TYPE

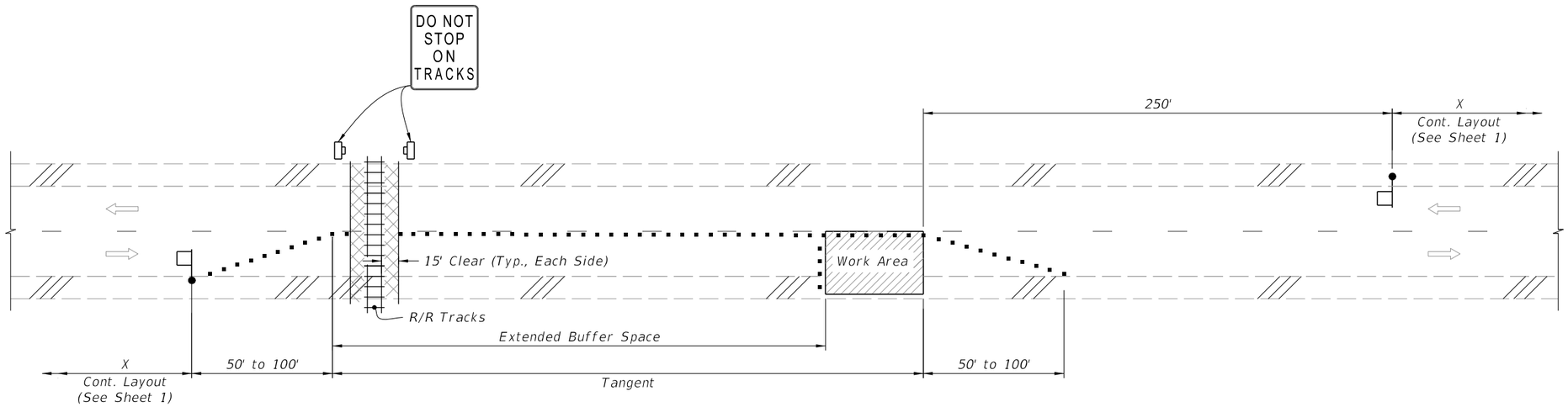


OPTION - 2
PORTABLE TYPE

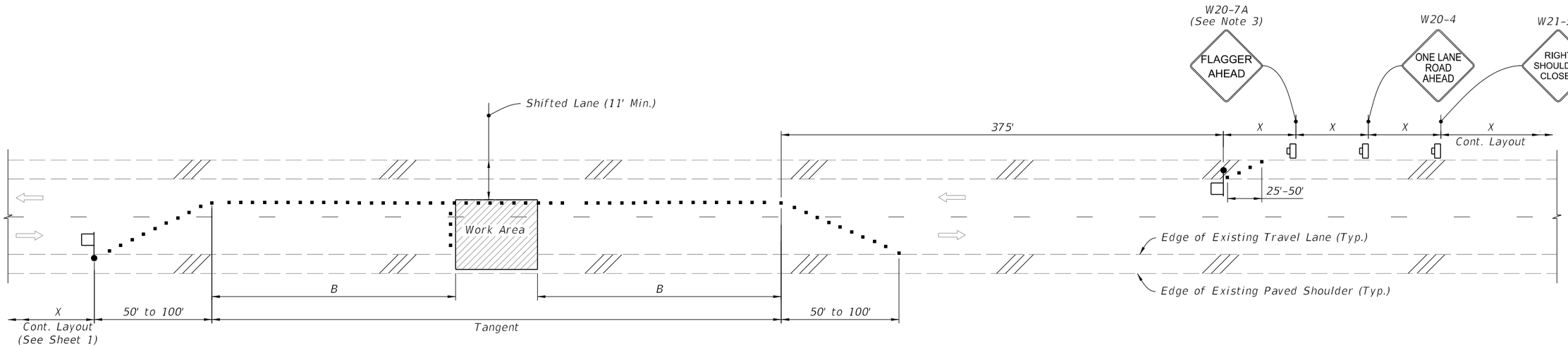
RUMBLE STRIP SETS

10/6/2022 1:24:30 PM

LAST REVISION	REVISION	DESCRIPTION:	FY 2023-24 STANDARD PLANS	TWO-LANE, TWO-WAY WORK WITHIN THE TRAVEL WAY	INDEX	SHEET
11/01/21					102-603	1 of 2



TEMPORARY RAILROAD CROSSING BUFFER SPACE EXTENSION



TEMPORARY LANE SHIFT TO SHOULDER WHEN WORK AREA ENCROACHES ON THE CENTERLINE
(For Work Operations In place 24 Hours or Less)

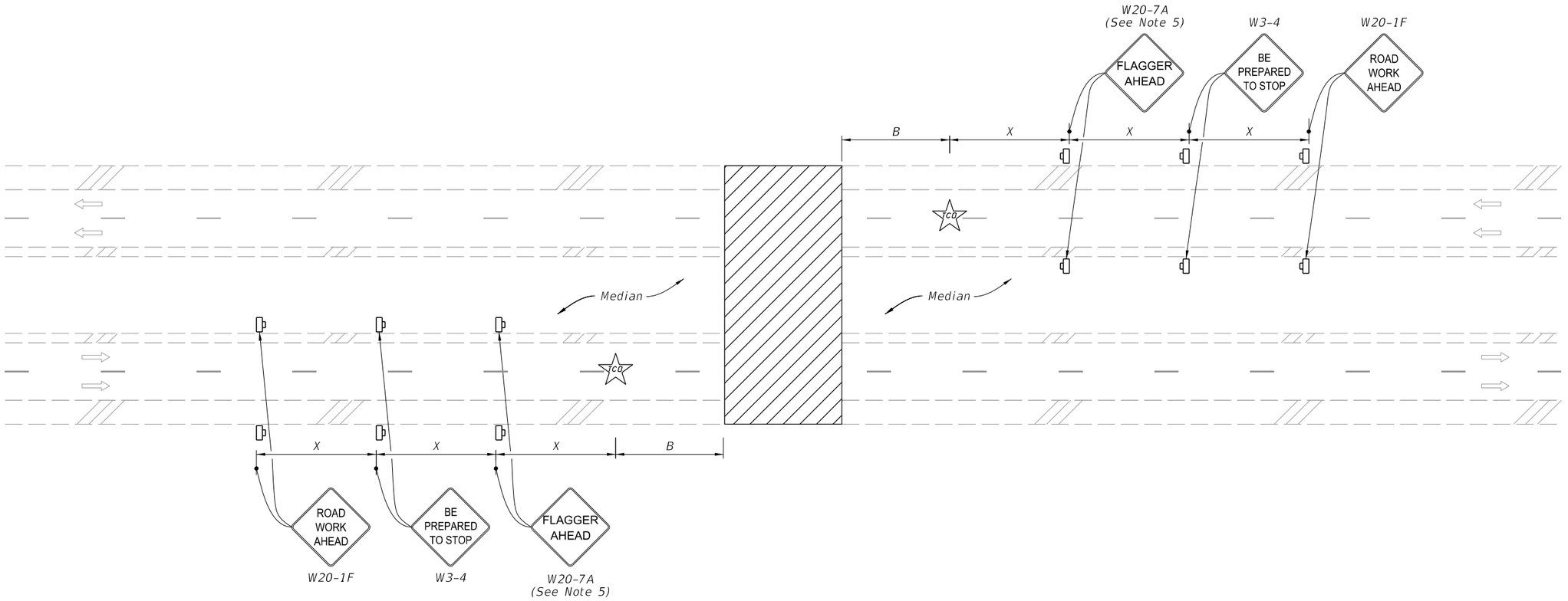
SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Flagger
- Lane Identification and Direction of Traffic

SPECIAL CONDITIONS

10/6/2022 1:24:30 PM

LAST REVISION	REVISION	DESCRIPTION:	FDOT	FY 2023-24 STANDARD PLANS	TWO-LANE, TWO-WAY WORK WITHIN THE TRAVEL WAY	INDEX	SHEET
11/01/21						102-603	2 of 2



(Multilane Roadway Shown, Two-Lane Roadway Similar)

SYMBOLS:

- Work Area
- Work Zone Sign
- Traffic Control Officer
- Lane Identification and Direction of Traffic

NOTES:

1. This Index applies to two-lane, two-way and multilane roadways, except limited access facilities, with temporary daytime roadway closures of 5 minutes or less.
2. B = Buffer Length
   X = Work Zone Sign Distance
   See Index 102-600 for "B" and "X" values.
3. For Two-Lane Roadways, a Flagger may substitute the traffic control officer with approval of the Engineer.
4. Traffic volume or complexly of the roadway may dictate additional signs, devices or traffic control officers.
5. Optionally, use FLAGGER AHEAD sign with symbol (W20-7) instead of FLAGGER AHEAD sign with text (W20-7A).
6. Dual Signs are required for divided roadways only.

10/6/2022 1:27:33 PM

LAST REVISION	REVISION	DESCRIPTION:	FY 2023-24 STANDARD PLANS	TEMPORARY ROADWAY CLOSURE	INDEX	SHEET
11/01/20					102-625	1 of 1