



November 14, 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: Response to Comments
Procedures for Post Certification Submittals for Section A.XXI
TA22-19 - Segment 3: Waterway-Dorr Field ERP**

Dear Siting Office,

In response to DEP's South District request for additional information via email on October 6, 2023, FPL respectfully provides the below responses. DEP's comments are in **bold** and FPL's responses are in *italics*.

Ind ERP:

- 1. The Department must conduct a site visit to verify the delineation of wetlands and other surface waters onsite in accordance with Chapter 62-340, F.A.C. Please contact your processor to schedule a site visit. Please have the wetland boundary flagged for verification by staff in advance of the scheduled site inspection.**

Note: Providing completed data forms or supporting information that clearly describes the project location and work areas as a non-wetland community, will expedite the review of your project. The Data forms are available here: <https://floridadep.gov/water/submerged-lands-environmental-resources-coordination/documents/ch-62-340-fac-data-form>

If there are wetlands on site then the department must conduct a delineation of wetlands and other surface waters onsite in accordance with Chapter 62-340, F.A.C.

FPL Response: Wetlands for Segment 3 were reviewed in the field with a DEP South District representative on October 17th, 2023. During the site inspection, data forms were completed by DEP. Additionally during the site inspection, one wetland boundary line was adjusted. Please refer to page 2 of the enclosed revised ERP Attachment 17- Wetlands Impact Maps which reflects the adjusted wetland boundary for the wetland identified as "W-2". Furthermore, due to minimal design revisions subsequent to FPL's August 31st, 2023, post-certification submittal, the revised ERP Attachment 17 also reflects minor updates for the entire Segment 3.

Finally, ERP Attachment 10- Wetlands Impact Table has also been updated and enclosed with this response. The changes have been highlighted for ease of reference. The minor project revisions resulted in 0.002308 acres of reduced permanent wetland impacts and therefore does not require a change in proposed mitigation.

Florida Power & Light Company

700 Universe Boulevard, Juno Beach, FL 33408

2. To use Mitigation Credits from a Mitigation Bank, the permit applicant must provide documentation from the banker demonstrating that Mitigation Credits have been reserved. Please provide proof that the mitigation credits have been reserved.

The proposed project has been sent to commenting entities for review and we are awaiting responses from the Florida Fish and Wildlife Conservation Commission, State Historic Preservation Office, Tribal Historic Preservation Office(s), US Fish and Wildlife Service). The Department will forward any requests for additional information from these entities upon receipt. Such requests will become part of this request for additional information. [404 Handbook, section 5.2 and 62-331.051(4), F.A.C.]

FPL Response: Mitigation credits will be secured from Kissimmee Ridge Mitigation Bank. Please refer to the enclosed Exhibit 1- Draft Mitigation Bank Credit Reservation Agreement which identifies 1.26 forested wetland credits to be purchase from Kissimmee Ridge Mitigation Bank. FPL respectfully requests DEP's concurrence that this amount and type of credits will satisfy the mitigation requirements for Segment 3.

With regards to commenting entities reviewing FPL's August 31st, 2023, submittal for Segment 3, the respective state agencies should be reviewing the submittal and providing comments directly back to DEP's Siting Coordination Office as part of the TLSA procedures for post-certification review process. Separately, FPL has already been coordinating with USFWS in regard to federally protected species.

State 404: In order to qualify for a State 404 General Permit as stated on the submitted Section I, the DEP needs the General permit application form (attached).

1. Please complete Part 1, Section K of Form 62-330.402(1), attached, including all requested documentation. [62-331.200(3), F.A.C.] Please specify which 404 General Permit you are requesting to use.

FPL Response: Please find the enclosed Exhibit 2- Section K Form with the supporting maps and attachments appended to this response document.

If you have additional questions, please do not hesitate to contact Benny Luedike via email at Benny.Luedike@fpl.com or FPL's designated agent, Jude Dawson via email at JDawson@ectinc.com.

Respectfully Submitted,

Franck Leblanc

Digitally signed by Franck Leblanc
DN: cn=Franck Leblanc, o=Florida Power
& Light, ou=Environmental Services,
email=franck.leblanc@fpl.com, c=US
Date: 2023.11.14 13:44:47 -05'00'

Franck Leblanc

Director, FPL, Environmental Services

Franck.L.Leblanc@fpl.com

Enclosures:

Distribution List

Segment 3: Waterway-Dorr Field Revised attachments and exhibits

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

Segment 3: Waterway- Dorr Field

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

South District – Fort Meyers
Nolin.Moon@FloridaDEP.gov
Toby.Schwetje@FloridaDEP.gov

Office of General Counsel
3900 Commonwealth Blvd, MS 35
Tallahassee, Florida 32399-3000
Kelley.Corbari@FloridaDEP.gov

ATTACHMENTS

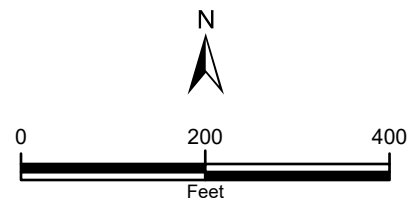
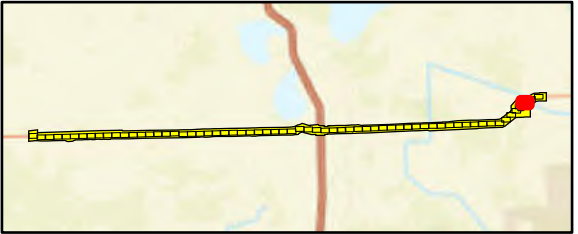
Attachment 17

Updated Wetland Impacts Map



- Existing Structure
- Proposed Structures
- Substation
- Waterway-Dorr Field Narrowed Corridor
- Waterway-Dorr Field Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
- Temp Impact
- NWI
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Riverine
- Field Delineated Wetland
- Field Delineated Surface Water
- NHD Flowline

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



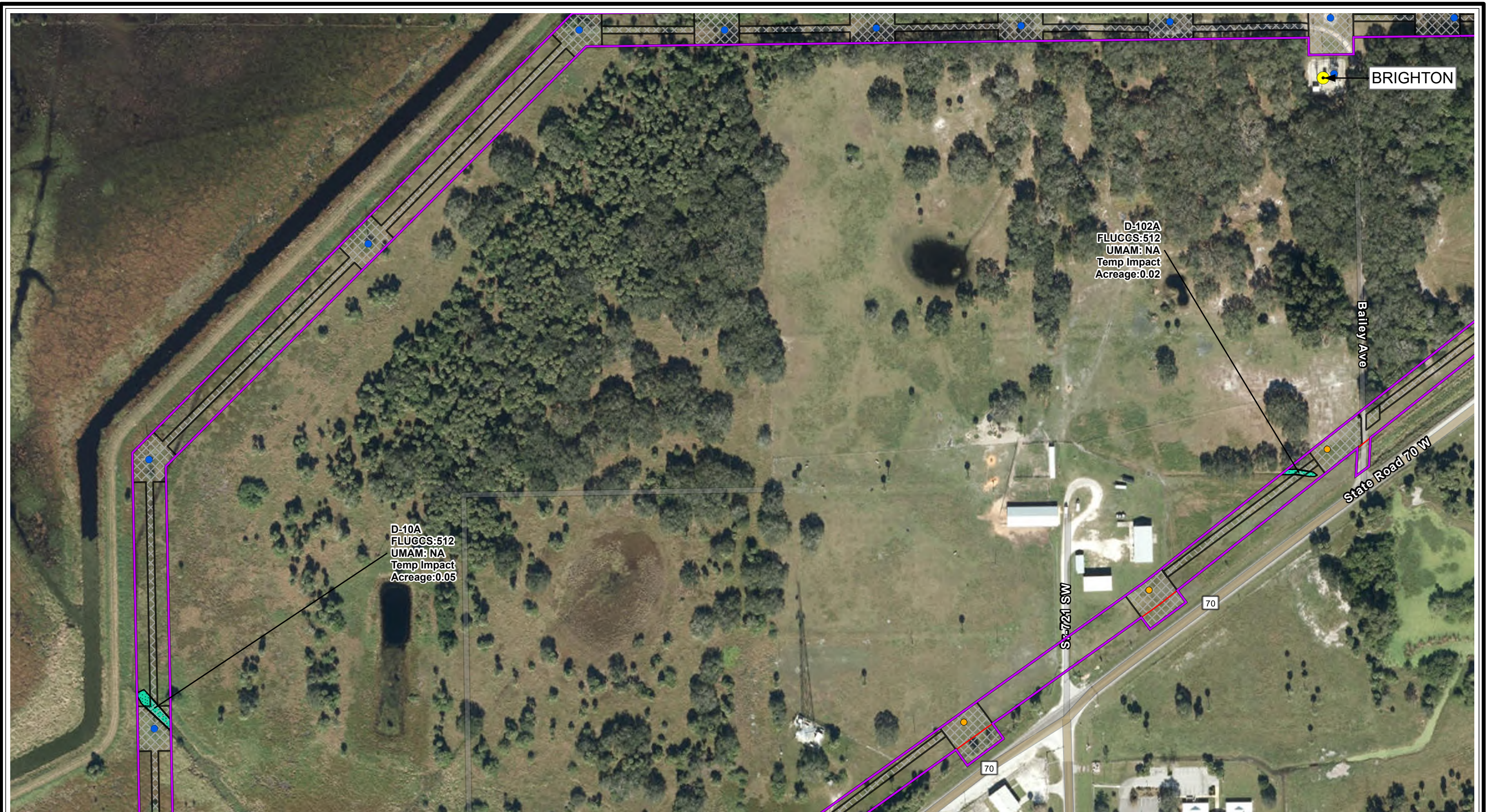
Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 3 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

Date: 11/8/2023





- Existing Structure - Proposed Structures - Substation - Waterway-Dorr Field Narrowed Corridor - Waterway-Dorr Field Project Footprint	- Temp Matting - Perm Conversion - Perm Maintained - Temp Impact	- Field Delineated Wetland - Field Delineated Surface Water - NHD Flowline - NWI - Freshwater Emergent Wetland - Freshwater Forested/Shrub Wetland - Riverine	Please Note: All Permanent Fill Structure impacts are <0.00 acres and are approx. 0.001154 acres.		N 0 200 400 Feet Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2023.	Attachment 17 - Page 4 of 64 Segment 3: Waterway – Dorr Field Wetland Impact Map Highlands and DeSoto Counties, Florida Date: 11/8/2023
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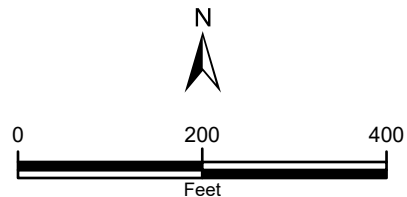


D-95
FLUCCS:512
UMAM: NA
Temp Impact
Acreage:0.01

D-94
FLUCCS:512
UMAM: NA
Temp Impact
Acreage:0.01

- | | | |
|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
| Waterway-Dorr Field Narrowed Corridor | Temp Impact | NWI |
| Waterway-Dorr Field Project Footprint | | Freshwater Emergent Wetland |
| | | Freshwater Forested/Shrub Wetland |
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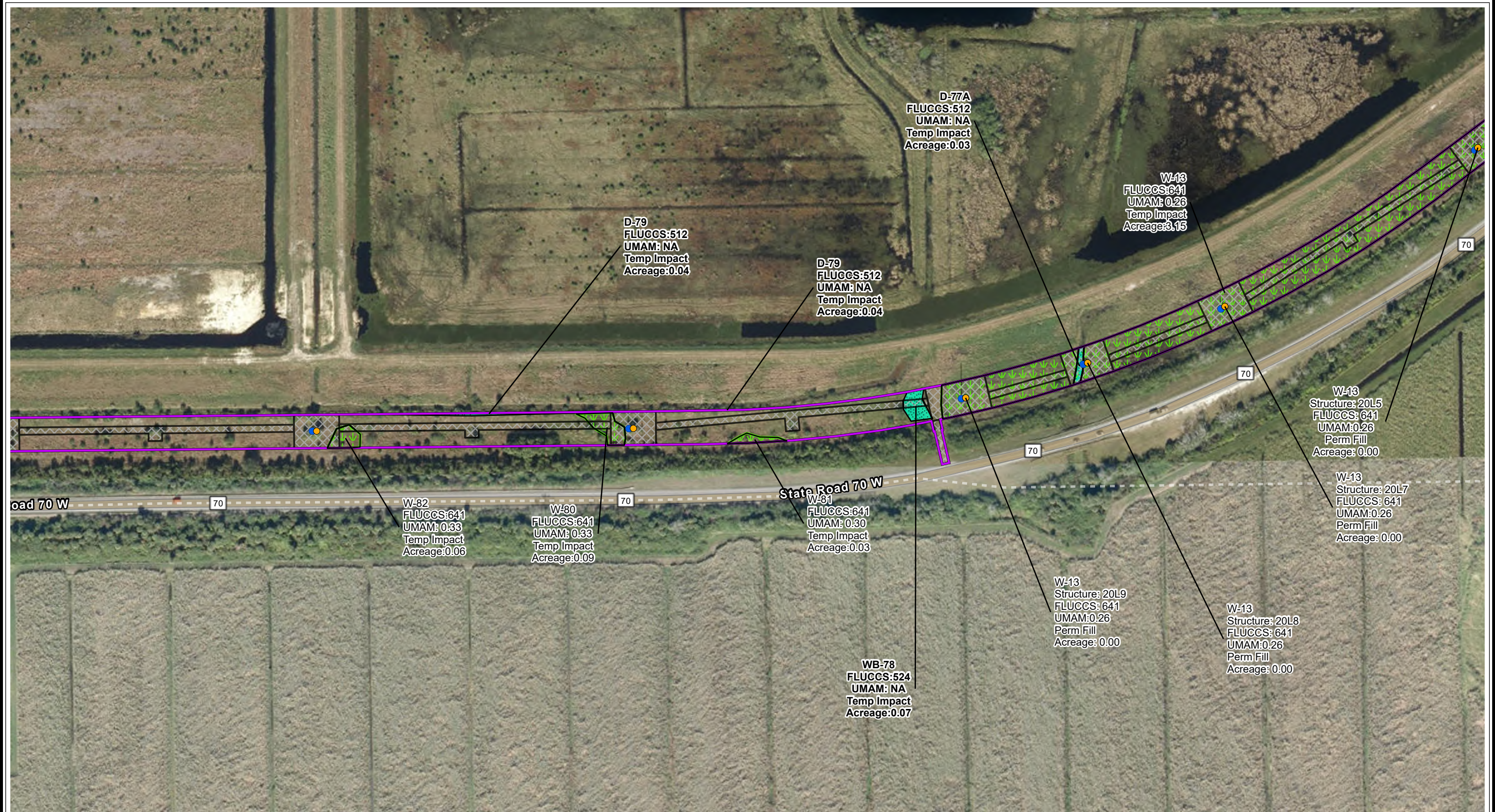
Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 6 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

Date: 11/8/2023

ECT



● Existing Structure

● Proposed Structures

● Substation

□ Waterway-Dorr Field Narrowed Corridor

□ Waterway-Dorr Field Project Footprint

■ Temp Matting

■ Perm Conversion

■ Perm Maintained

■ Temp Impact

■ Field Delineated Wetland

■ Field Delineated Surface Water

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NWI

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N

0 200 400

Feet

Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 8 of 64
Segment 3: Waterway – Dorra Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida
Date: 11/8/2023

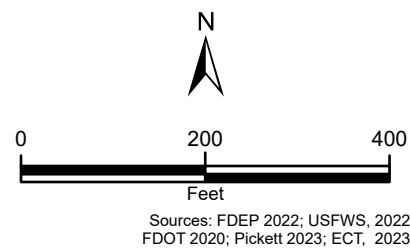


- Existing Structure
- Proposed Structures
- Substation
- Waterway-Dorr Field Narrowed Corridor
- Waterway-Dorr Field Project Footprint

- Temp Matting
- Perm Conversion
- Perm Maintained
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- Freshwater Forested/Shrub Wetland
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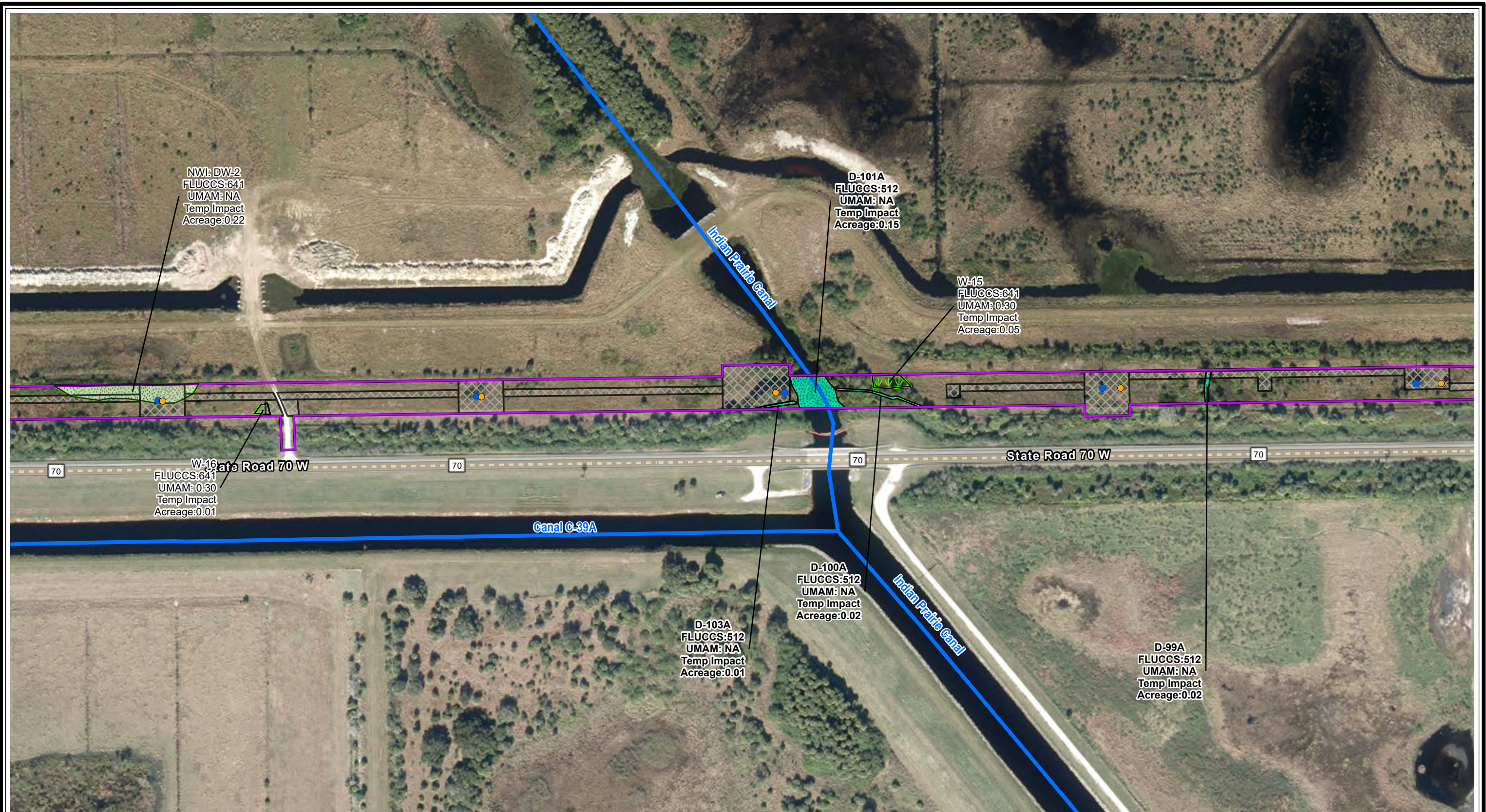


Attachment 17 - Page 9 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

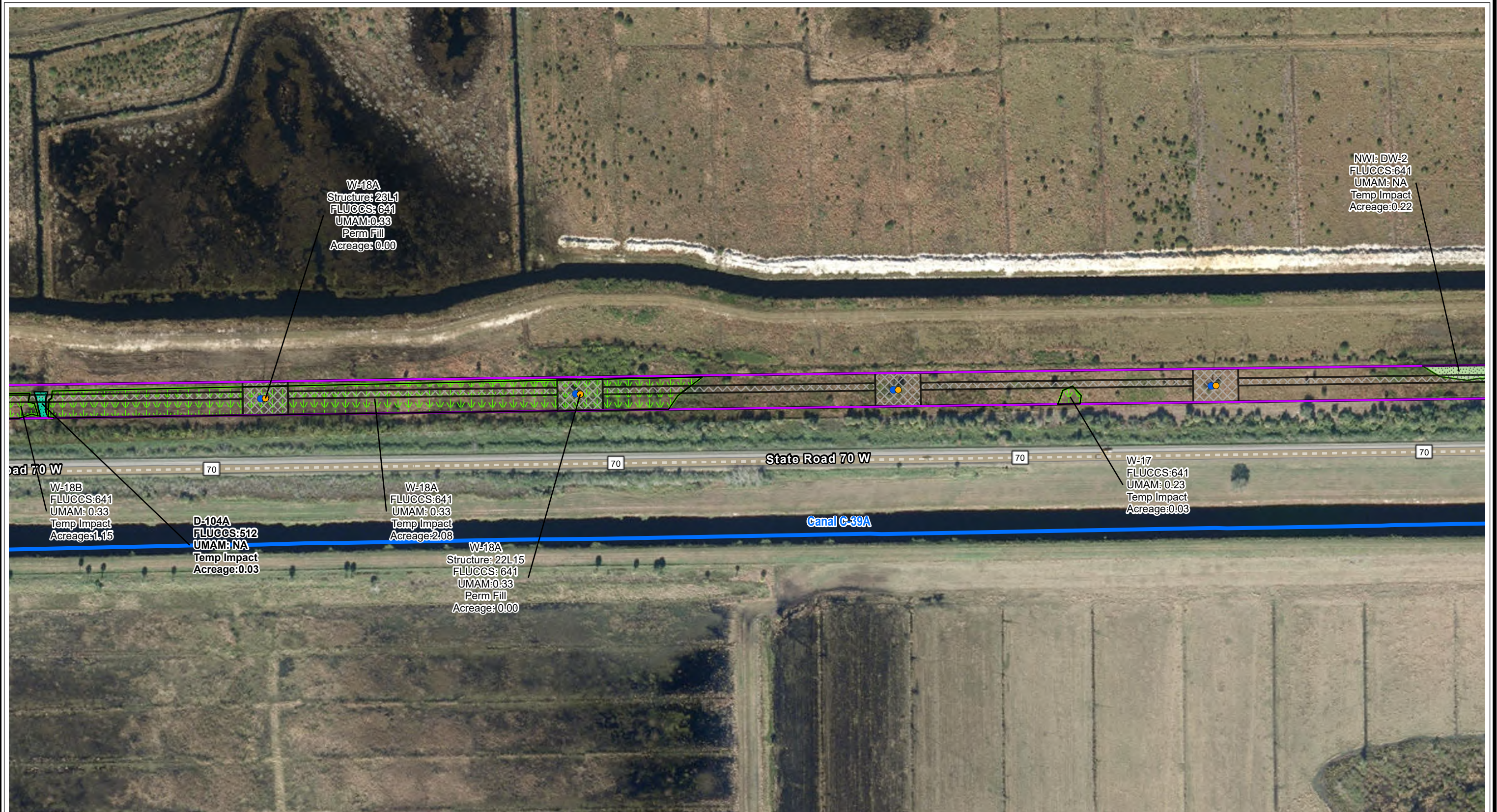
Highlands and DeSoto Counties, Florida

Date: 11/8/2023

ECT

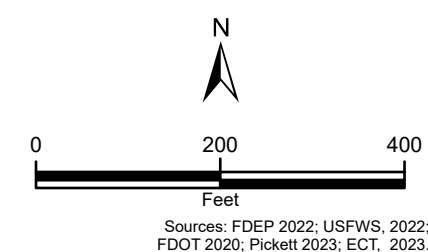
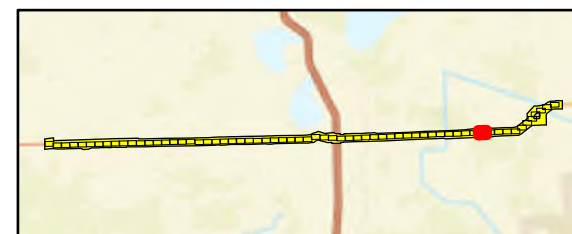


- Existing Structure - Proposed Structures - Substation - Waterway-Dorr Field Narrowed Corridor - Waterway-Dorr Field Project Footprint	- Temp Matting - Perm Conversion - Perm Maintained - Temp Impact	- Field Delineated Wetland - Field Delineated Surface Water - NHD Flowline	NWI - Freshwater Emergent Wetland - Freshwater Forested/Shrub Wetland - Riverine		Please Note: All Permanent Fill Structure impacts are <0.00 acres and are approx. 0.001154 acres.	0 200 400 Feet	Attachment 17 - Page 11 of 64 Segment 3: Waterway – Dorr Field Wetland Impact Map Highlands and DeSoto Counties, Florida Date: 11/8/2023
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-  Existing Structure
 Proposed Structures
 Substation
 Waterway-Dorr Field Narrowed Corridor
 Waterway-Dorr Field Project Footprint
 Temp Matting
 Perm Conversion
 Perm Maintained
 Temp Impact
 Field Delineated Wetland
 Field Delineated Surface Water
 NHD Flowline
NWI
 Freshwater Emergent Wetland
 Freshwater Forested/Shrub Wetland
 Riverine

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Attachment 17 - Page 12 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

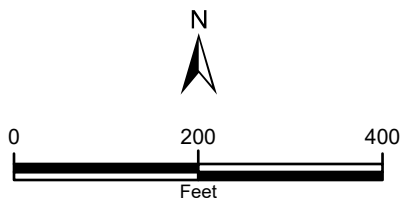
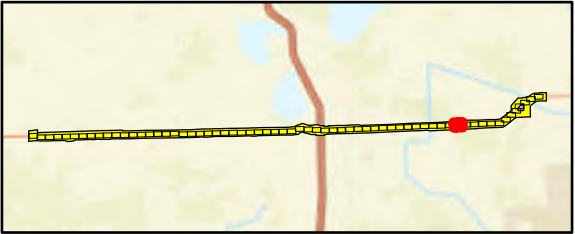
Date: 11/8/2023

ECT



- Existing Structure
- Proposed Structures
- Substation
- Waterway-Dorr Field Narrowed Corridor
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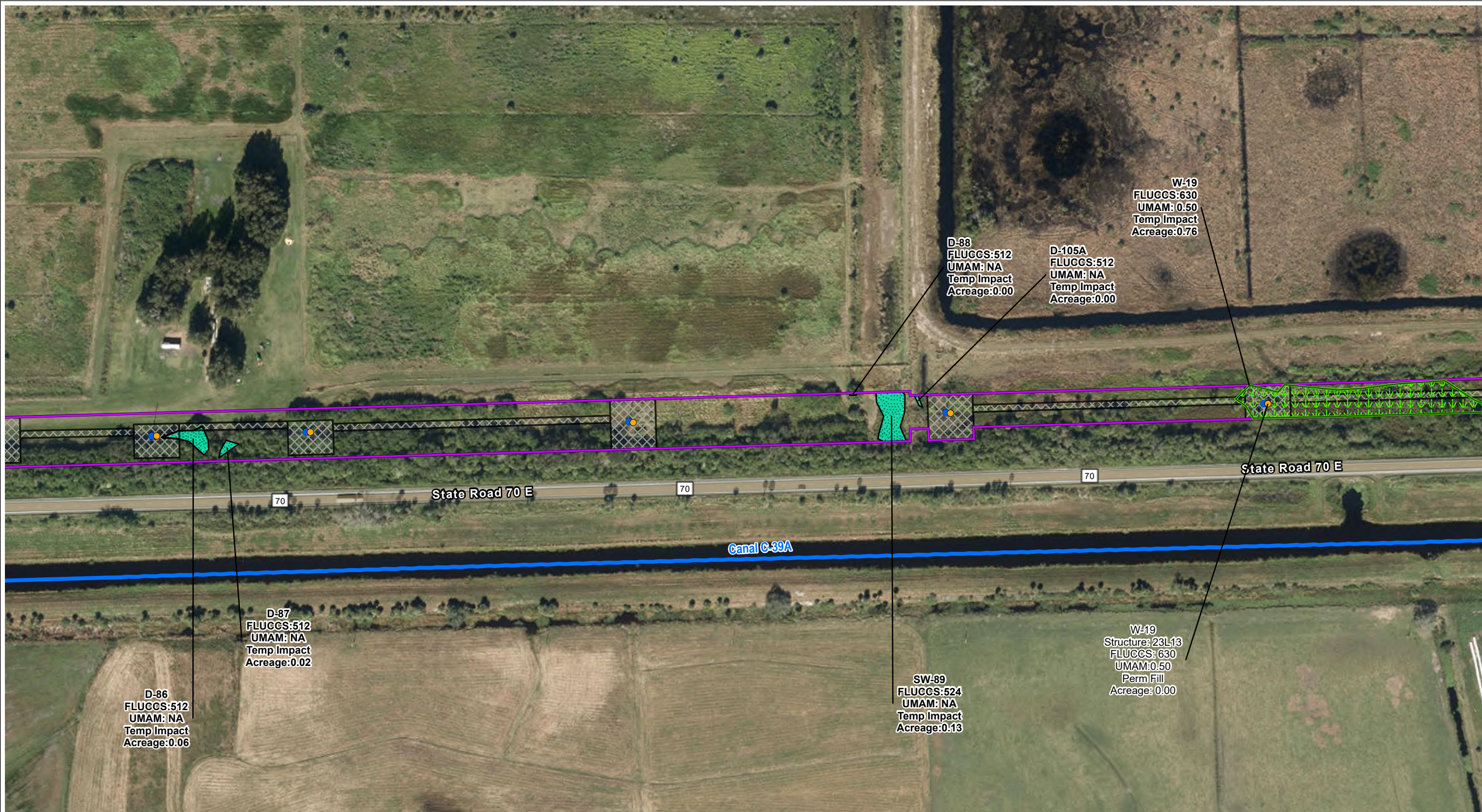
Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 13 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

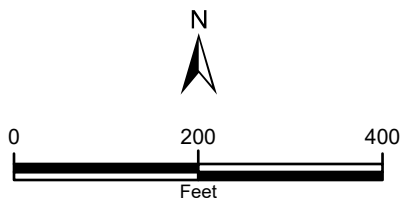
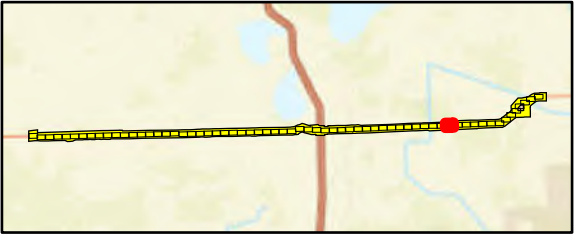
Date: 11/8/2023





- Existing Structure
- Proposed Structures
- Substation
- Waterway-Dorr Field Narrowed Corridor
- Waterway-Dorr Field Project Footprint
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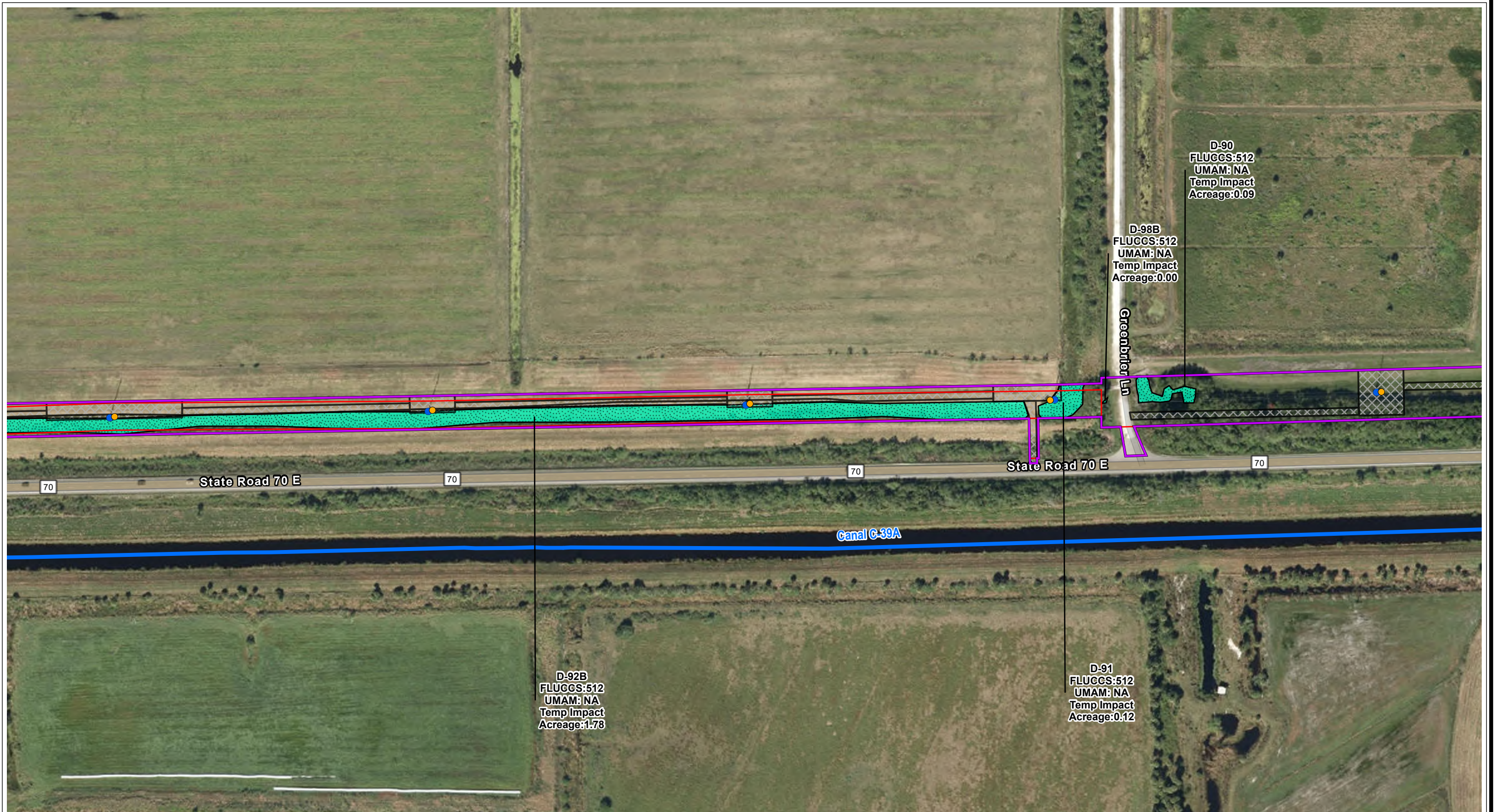
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Attachment 17 - Page 14 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

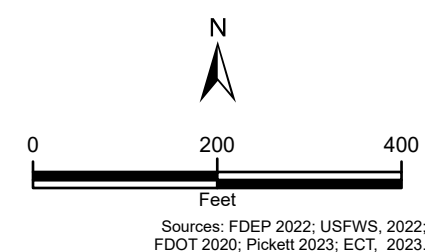
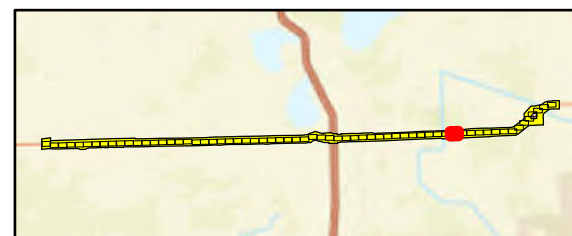
Date: 11/8/2023





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|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
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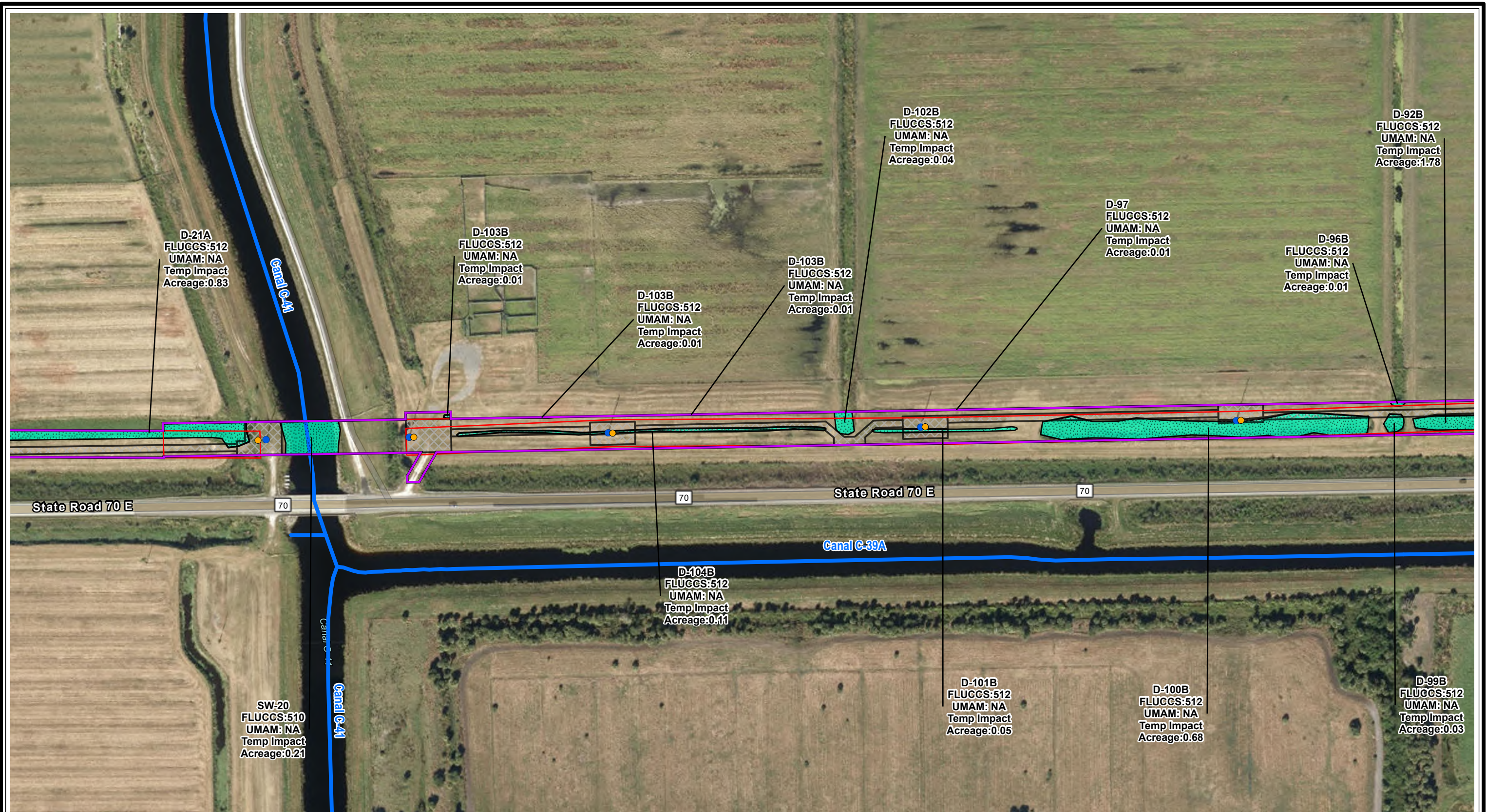


Attachment 17 - Page 15 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

Date: 11/8/2023

ECT



● Existing Structure

● Proposed Structures

● Substation

□ Waterway-Dorr Field Narrowed Corridor

□ Waterway-Dorr Field Project Footprint

■ Temp Matting

■ Perm Conversion

■ Perm Maintained

■ Temp Impact

■ Field Delineated Wetland

■ Field Delineated Surface Water

■ NHD Flowline

NWI

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■ Riverine

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N

0 200 400

Feet

Sources: FDEP 2022; USFWS, 2022;
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Attachment 17 - Page 16 of 64
Segment 3: Waterway – Dorrr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida
Date: 11/8/2023



● Existing Structure
● Proposed Structures
● Substation
▭ Waterway-Dorr Field Narrowed Corridor
▭ Waterway-Dorr Field Project Footprint

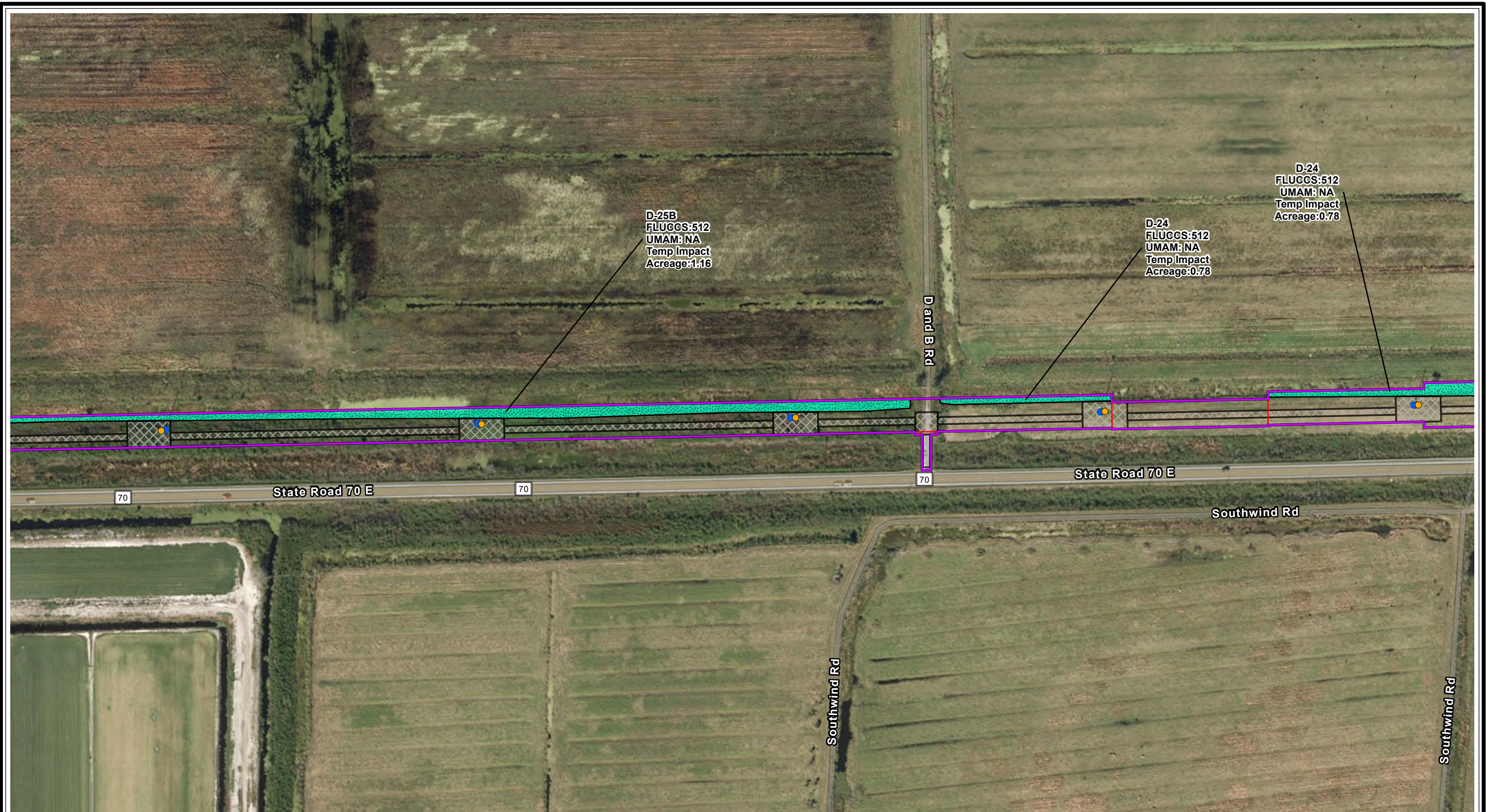
▭ Temp Matting
▭ Perm Conversion
▭ Perm Maintained
▭ Temp Impact

▭ Field Delineated Wetland
▭ Field Delineated Surface Water
▭ NHD Flowline
NWI
▭ Freshwater Emergent Wetland
▭ Freshwater Forested/Shrub Wetland
▭ Riverine

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N
 0 200 400
 Feet
 Sources: FDEP 2022; USFWS, 2022;
 FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 18 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map
 Highlands and DeSoto Counties, Florida
 Date: 11/8/2023



- Existing Structure - Proposed Structures - Substation - Waterway-Dorr Field Narrowed Corridor - Waterway-Dorr Field Project Footprint	- Temp Matting - Perm Conversion - Perm Maintained - Temp Impact	- Field Delineated Wetland - Field Delineated Surface Water - NHD Flowline - NWI - Freshwater Emergent Wetland - Freshwater Forested/Shrub Wetland - Riverine	Please Note: All Permanent Fill Structure impacts are <0.00 acres and are approx. 0.001154 acres.		0 200 400 Feet N Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2023.	Attachment 17 - Page 19 of 64 Segment 3: Waterway – Dorr Field Wetland Impact Map Highlands and DeSoto Counties, Florida Date: 11/8/2023 ECT
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● Existing Structure

● Proposed Structures

● Substation

□ Waterway-Dorr Field Narrowed Corridor

□ Waterway-Dorr Field Project Footprint

■ Temp Matting

■ Perm Conversion

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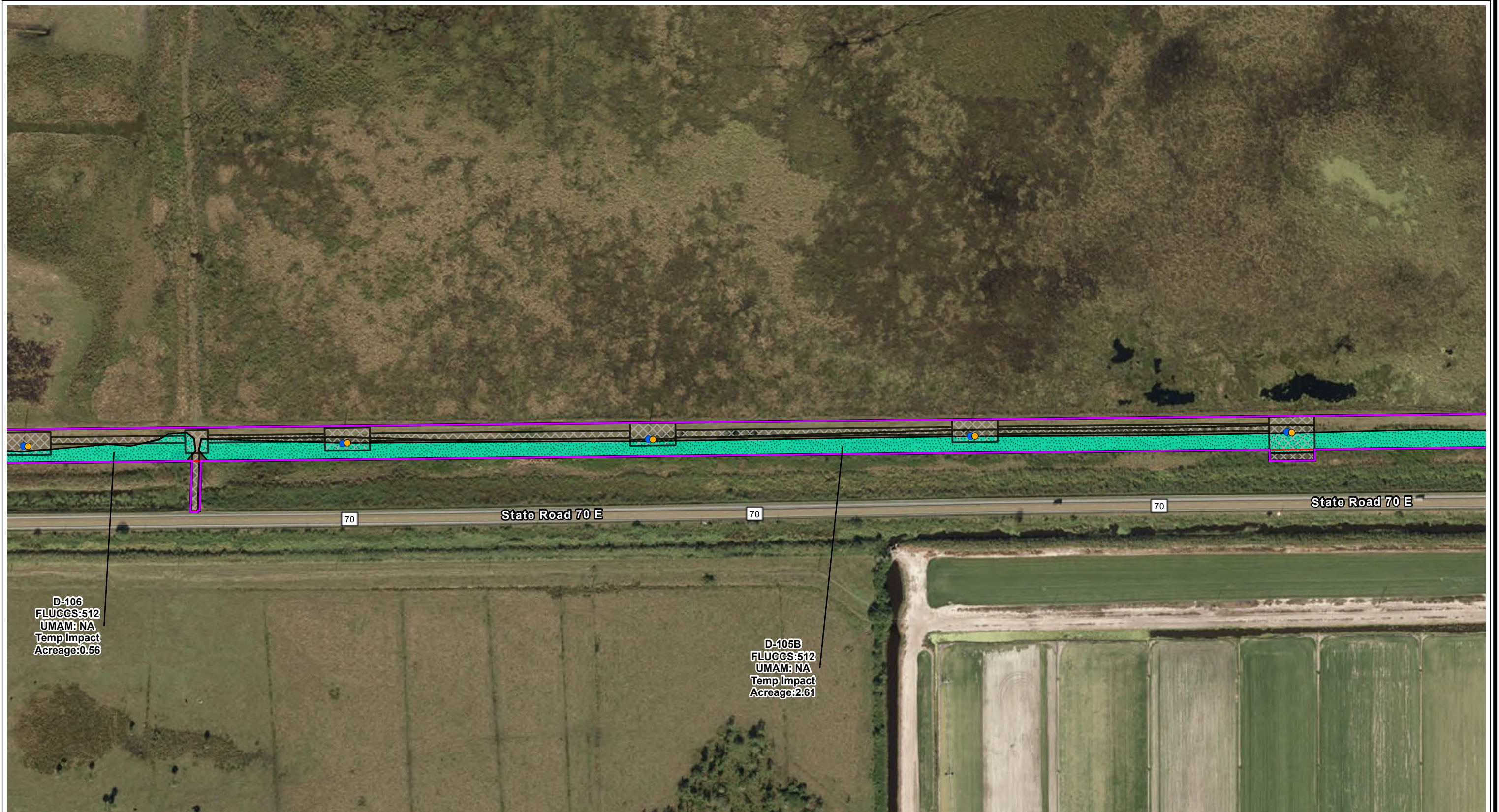
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Feet

Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 20 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida
Date: 11/8/2023

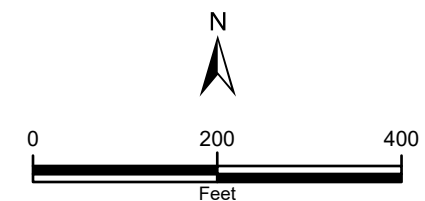
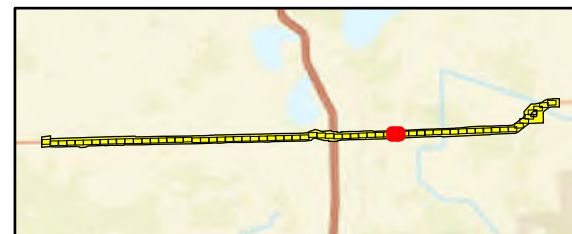


D-106
FLUGGS:512
UMAM: NA
Temp Impact
Acreage:0.56

D-105B
FLUGGS:512
UMAM: NA
Temp Impact
Acreage:2.61

- | | | |
|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
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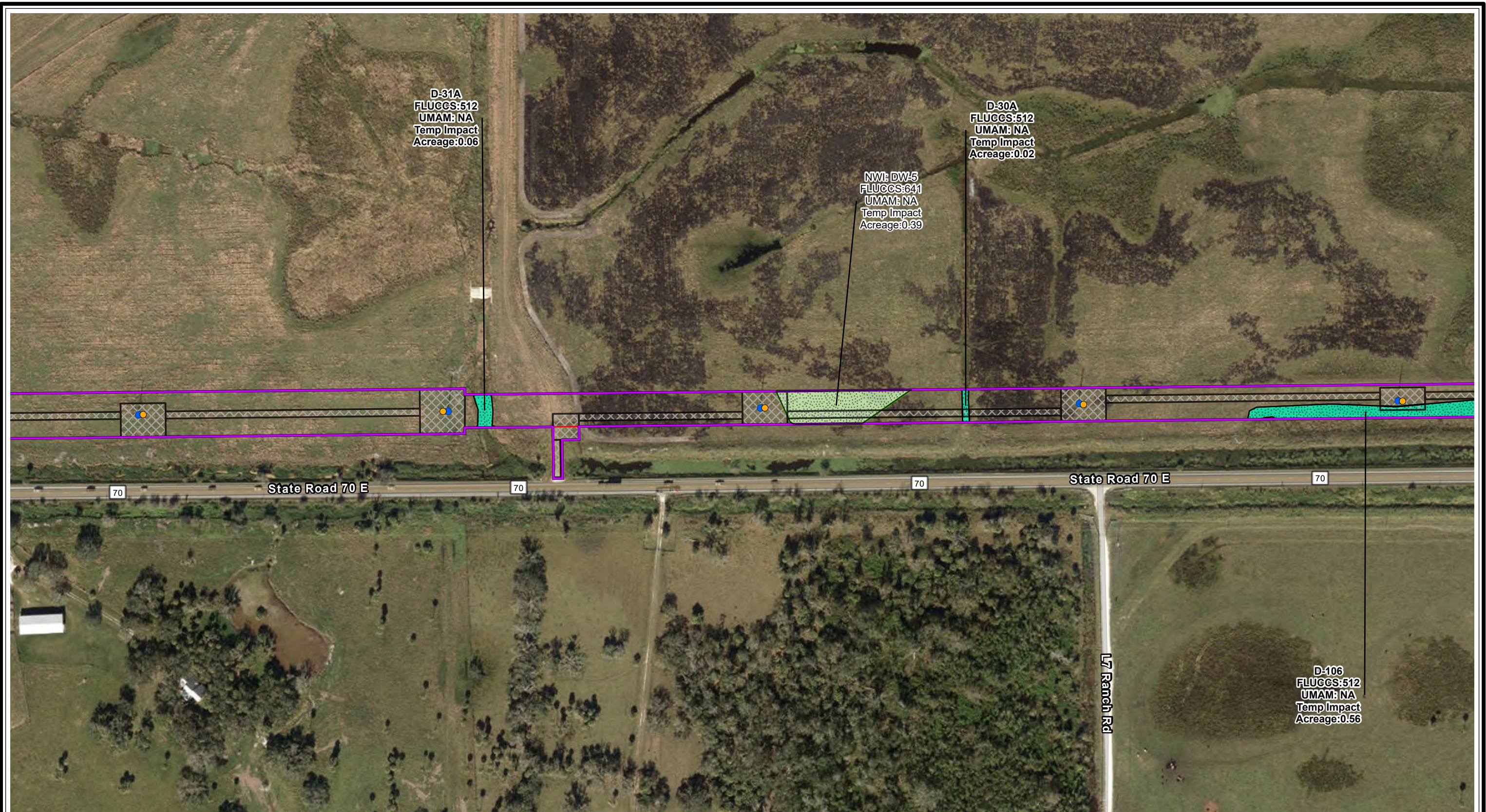
Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 22 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

Date: 11/8/2023

ECT



- Existing Structure - Proposed Structures - Substation - Waterway-Dorr Field Narrowed Corridor - Waterway-Dorr Field Project Footprint	- Temp Matting - Perm Conversion - Perm Maintained - Temp Impact	- Field Delineated Wetland - Field Delineated Surface Water - NHD Flowline - NWI - Freshwater Emergent Wetland - Freshwater Forested/Shrub Wetland - Riverine		Please Note: All Permanent Fill Structure impacts are <0.00 acres and are approx. 0.001154 acres.	0 200 400 Feet Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2023.	Attachment 17 - Page 23 of 64 Segment 3: Waterway – Dorr Field Wetland Impact Map Highlands and DeSoto Counties, Florida Date: 11/8/2023
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- Existing Structure - Proposed Structures - Substation - Waterway-Dorr Field Narrowed Corridor - Waterway-Dorr Field Project Footprint	- Temp Matting - Perm Conversion - Perm Maintained - Temp Impact	- Field Delineated Wetland - Field Delineated Surface Water - NHD Flowline - NWI - Freshwater Emergent Wetland - Freshwater Forested/Shrub Wetland - Riverine	Please Note: All Permanent Fill Structure impacts are <0.00 acres and are approx. 0.001154 acres.			Attachment 17 - Page 24 of 64 Segment 3: Waterway – Dorr Field Wetland Impact Map Highlands and DeSoto Counties, Florida Date: 11/8/2023
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- Existing Structure
- Proposed Structures
- Substation
- Waterway-Dorr Field Narrowed Corridor
- Waterway-Dorr Field Project Footprint

- Temp Matting
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0 200 400
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Sources: FDEP 2022; USFWS, 2022;
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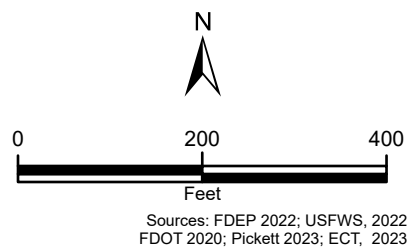
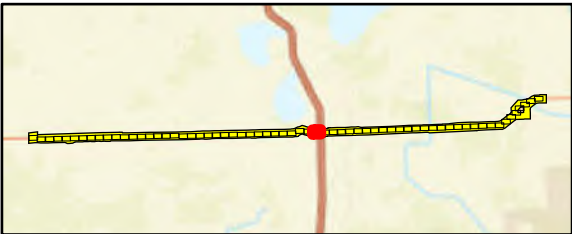
Attachment 17 - Page 27 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida
Date: 11/8/2023



- Existing Structure
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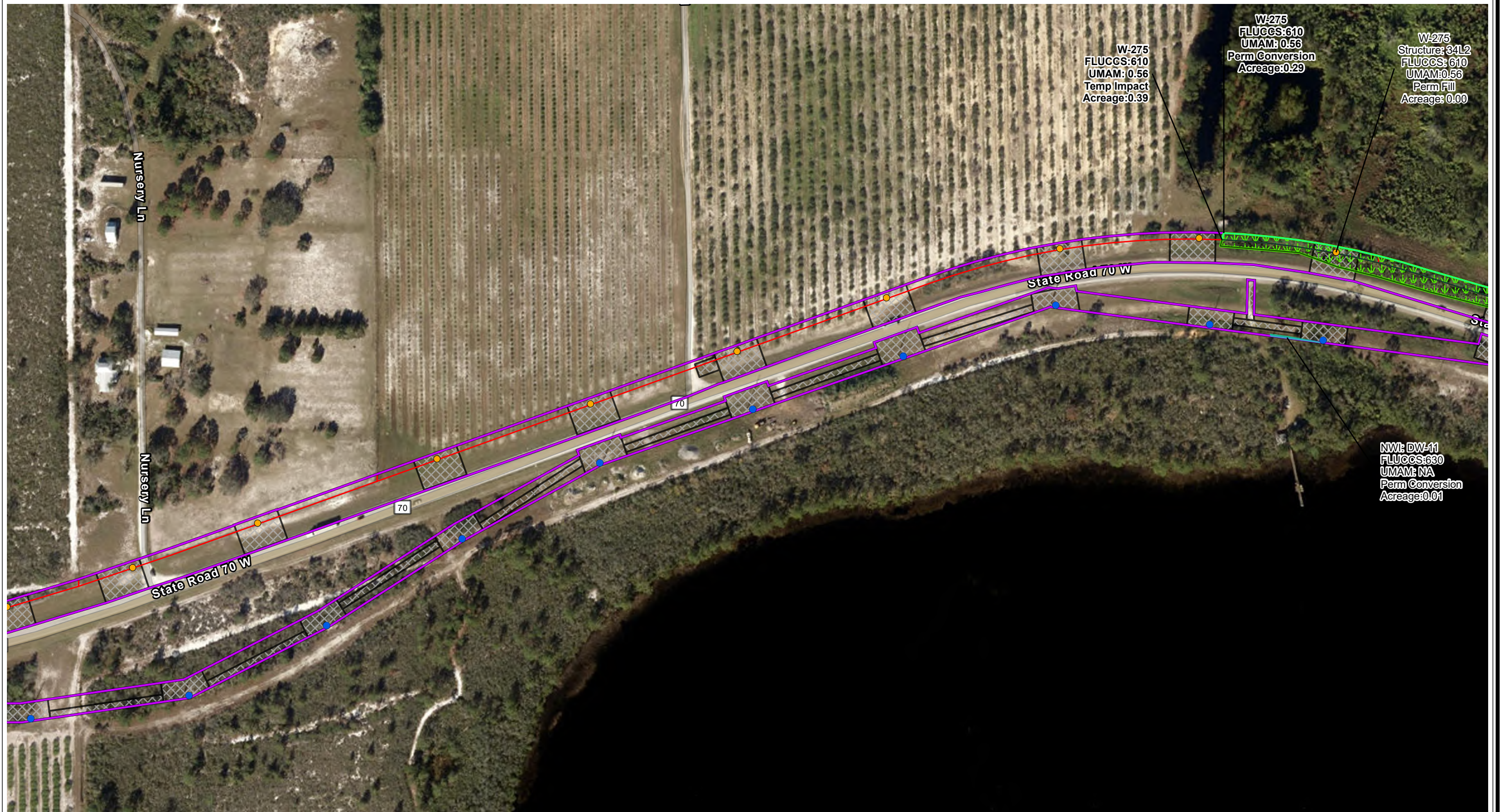


Attachment 17 - Page 30 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

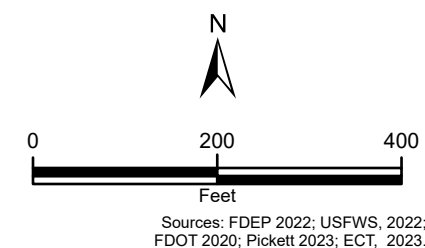
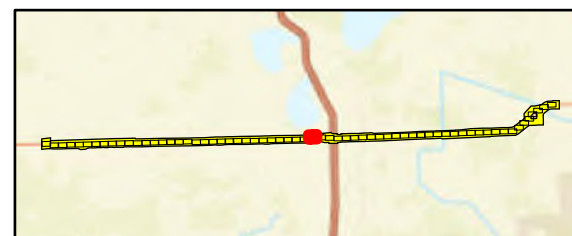
Date: 11/8/2023

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- | | | |
|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
| Waterway-Dorr Field Narrowed Corridor | Temp Impact | NWI |
| Waterway-Dorr Field Project Footprint | | Freshwater Emergent Wetland |
| | | Freshwater Forested/Shrub Wetland |
| | | Riverine |

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Attachment 17 - Page 32 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

Date: 11/8/2023

ECT



● Existing Structure

● Proposed Structures

● Substation

Waterway-Dorr Field Narrowed Corridor

Waterway-Dorr Field Project Footprint

Temp Matting

Perm Conversion

Perm Maintained

Temp Impact

Field Delineated Wetland

Field Delineated Surface Water

NHD Flowline

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Riverine

NWI

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.

N

0 200 400

Feet

Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

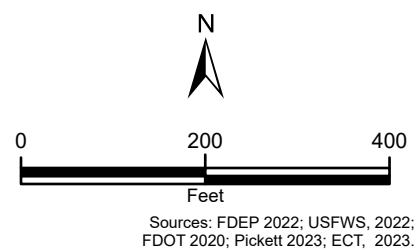
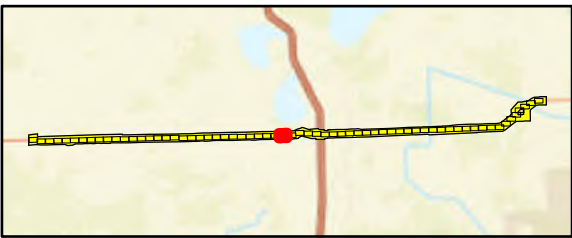
Attachment 17 - Page 33 of 64
Segment 3: Waterway – Dorra Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida
Date: 11/8/2023



- | | | |
|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
| Waterway-Dorr Field Narrowed Corridor | Temp Impact | NWI |
| Waterway-Dorr Field Project Footprint | | Freshwater Emergent Wetland |
| | | Freshwater Forested/Shrub Wetland |
| | | Riverine |

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Attachment 17 - Page 34 of 64
Segment 3: Waterway – Dorrr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

Date: 11/8/2023

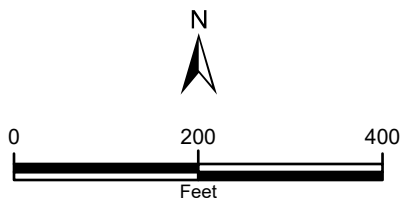
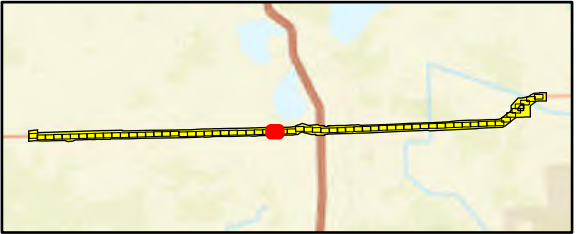


Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.



- Existing Structure
- Proposed Structures
- Substation
- Waterway-Dorr Field Narrowed Corridor
- Waterway-Dorr Field Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
- Temp Impact
- NWI
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Riverine
- Field Delineated Wetland
- Field Delineated Surface Water
- NHD Flowline

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 35 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

Date: 11/8/2023





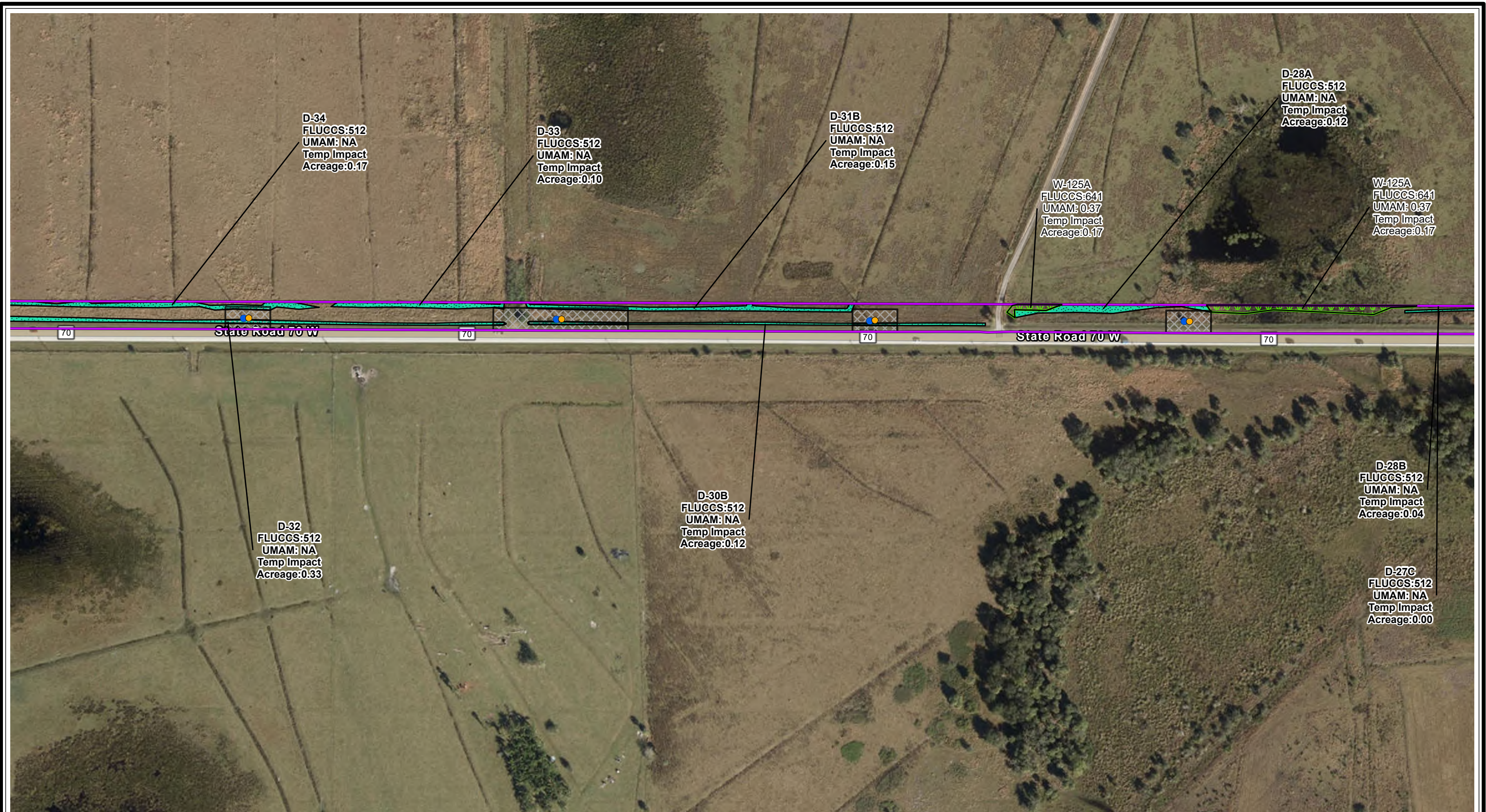
● Existing Structure
● Proposed Structures
● Substation
▭ Waterway-Dorr Field Narrowed Corridor
▭ Waterway-Dorr Field Project Footprint
▭ Temp Matting
▭ Perm Conversion
▭ Perm Maintained
▭ Temp Impact
▭ Field Delineated Wetland
▭ Field Delineated Surface Water
▭ NHD Flowline
▭ NWI
▭ Freshwater Emergent Wetland
▭ Freshwater Forested/Shrub Wetland
▭ Riverine

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.

Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 39 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

 Highlands and DeSoto Counties, Florida
 Date: 11/8/2023



● Existing Structure

● Proposed Structures

● Substation

□ Waterway-Dorr Field Narrowed Corridor

□ Waterway-Dorr Field Project Footprint

■ Temp Matting

■ Perm Conversion

■ Perm Maintained

■ Temp Impact

■ Field Delineated Wetland

■ Field Delineated Surface Water

■ NHD Flowline

NWI

■ Freshwater Emergent Wetland

■ Freshwater Forested/Shrub Wetland

■ Riverine

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.

N

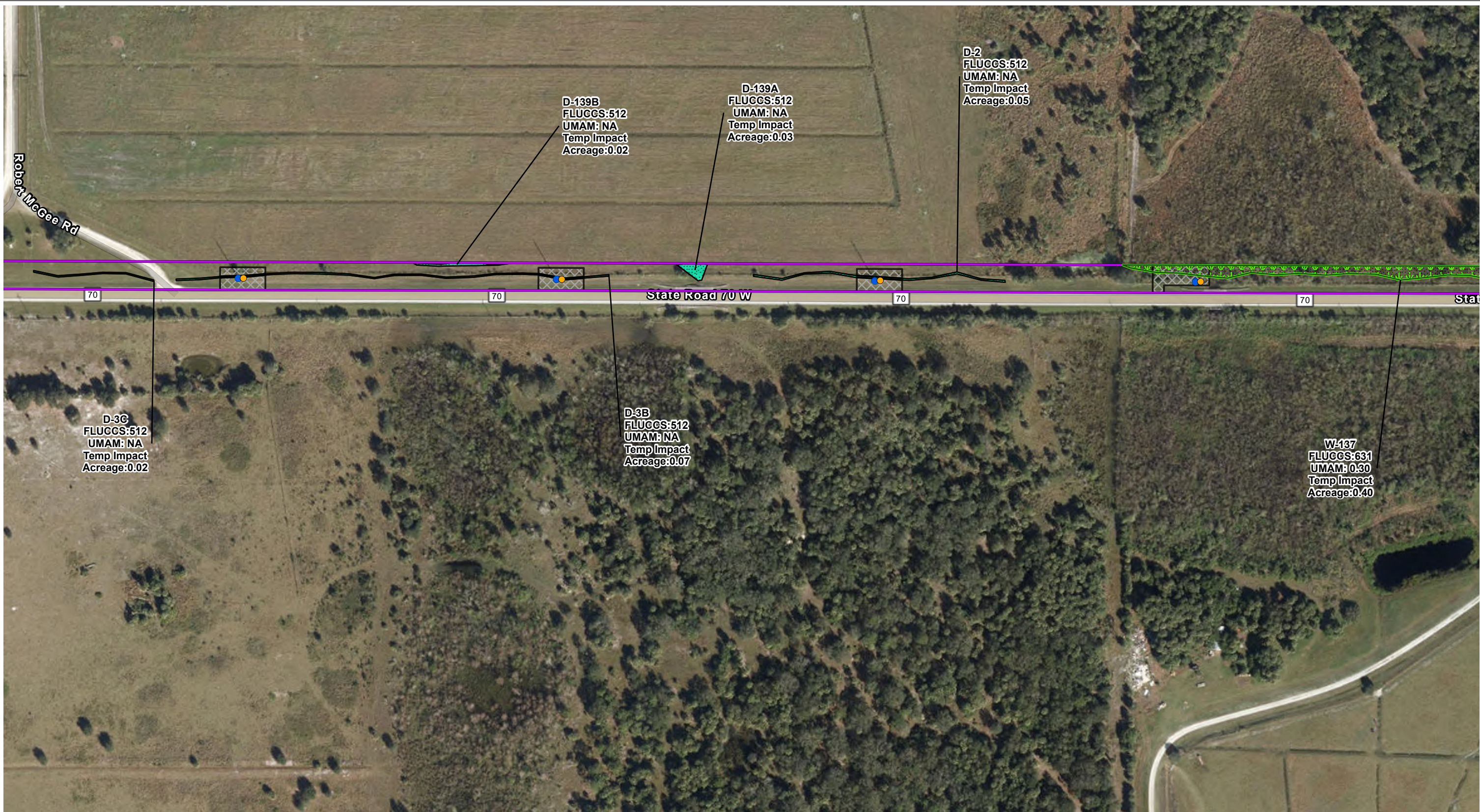
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Feet

Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

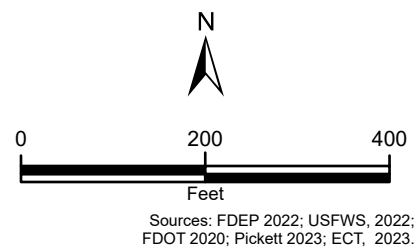
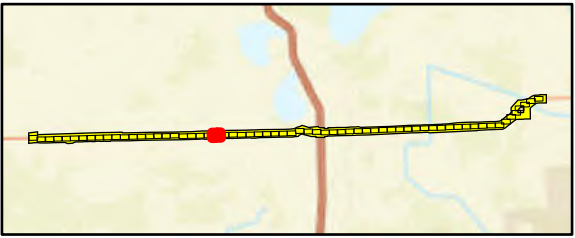
Attachment 17 - Page 40 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida
Date: 11/8/2023



- | | | |
|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
| Waterway-Dorr Field Narrowed Corridor | Temp Impact | NWI |
| Waterway-Dorr Field Project Footprint | | Freshwater Emergent Wetland |
| | | Freshwater Forested/Shrub Wetland |
| | | Riverine |

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Attachment 17 - Page 42 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

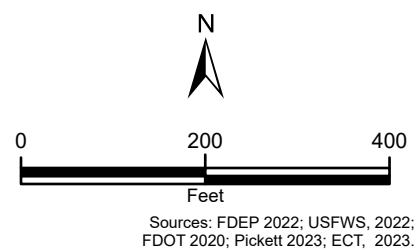
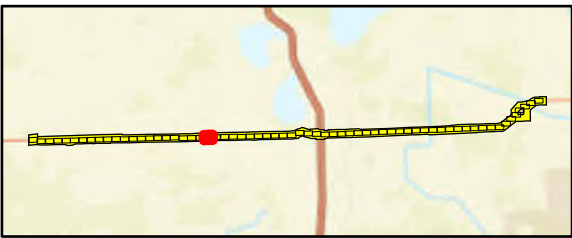
Highlands and DeSoto Counties, Florida
Date: 11/8/2023





- | | | |
|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
| Waterway-Dorr Field Narrowed Corridor | Temp Impact | NWI |
| Waterway-Dorr Field Project Footprint | | Freshwater Emergent Wetland |
| | | Freshwater Forested/Shrub Wetland |
| | | Riverine |

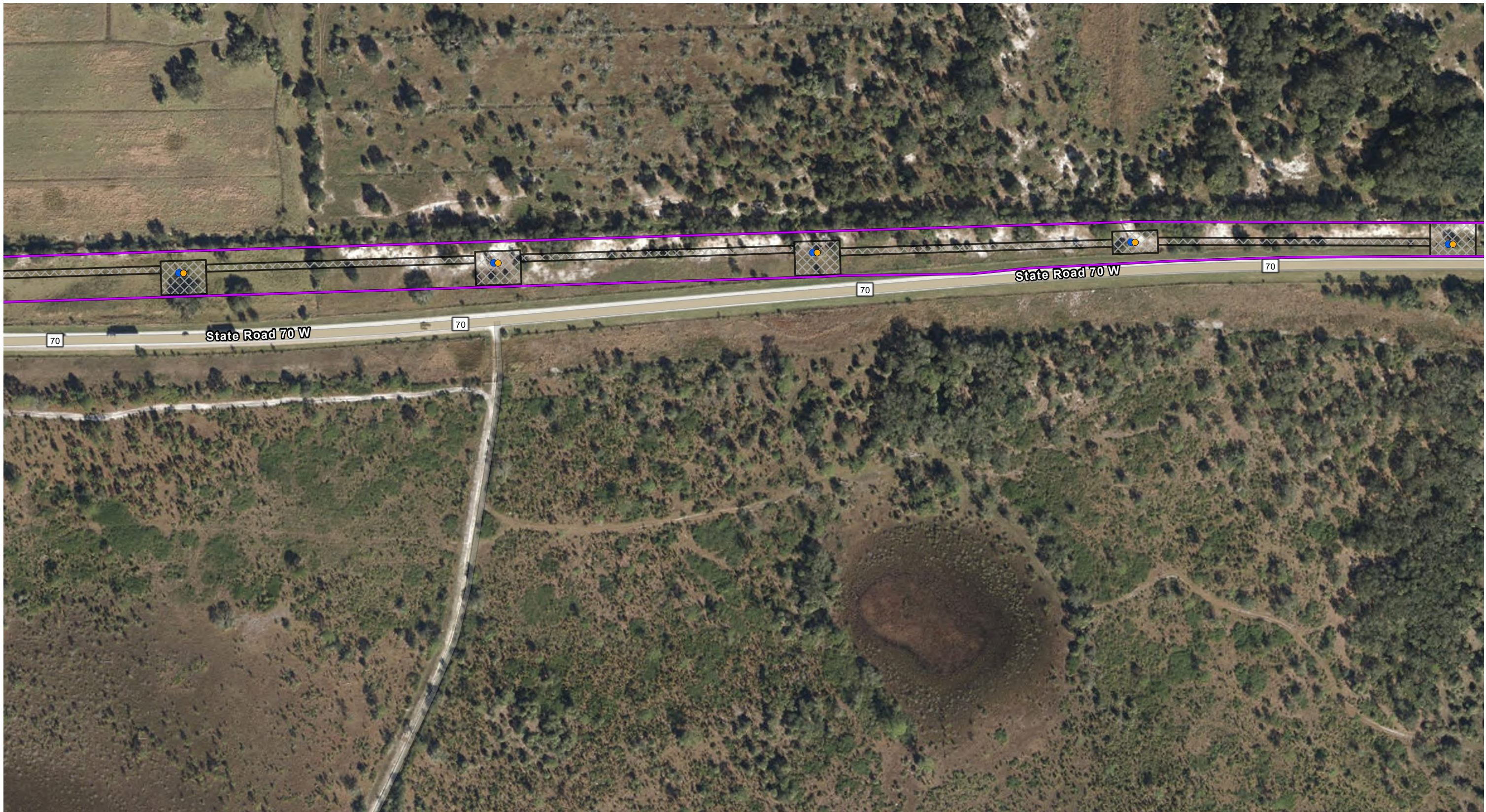
Please Note:
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<0.00 acres and are approx. 0.001154 acres.



Attachment 17 - Page 43 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

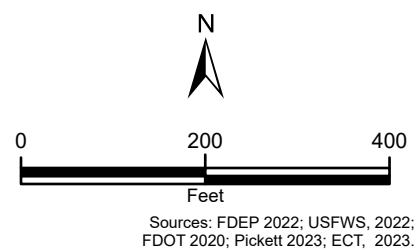
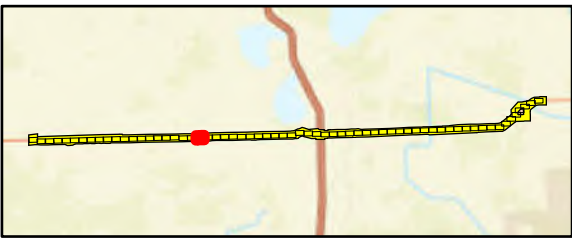
Highlands and DeSoto Counties, Florida
Date: 11/8/2023





- | | | |
|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
| Waterway-Dorr Field Narrowed Corridor | Temp Impact | NWI |
| Waterway-Dorr Field Project Footprint | | Freshwater Emergent Wetland |
| | | Freshwater Forested/Shrub Wetland |
| | | Riverine |

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



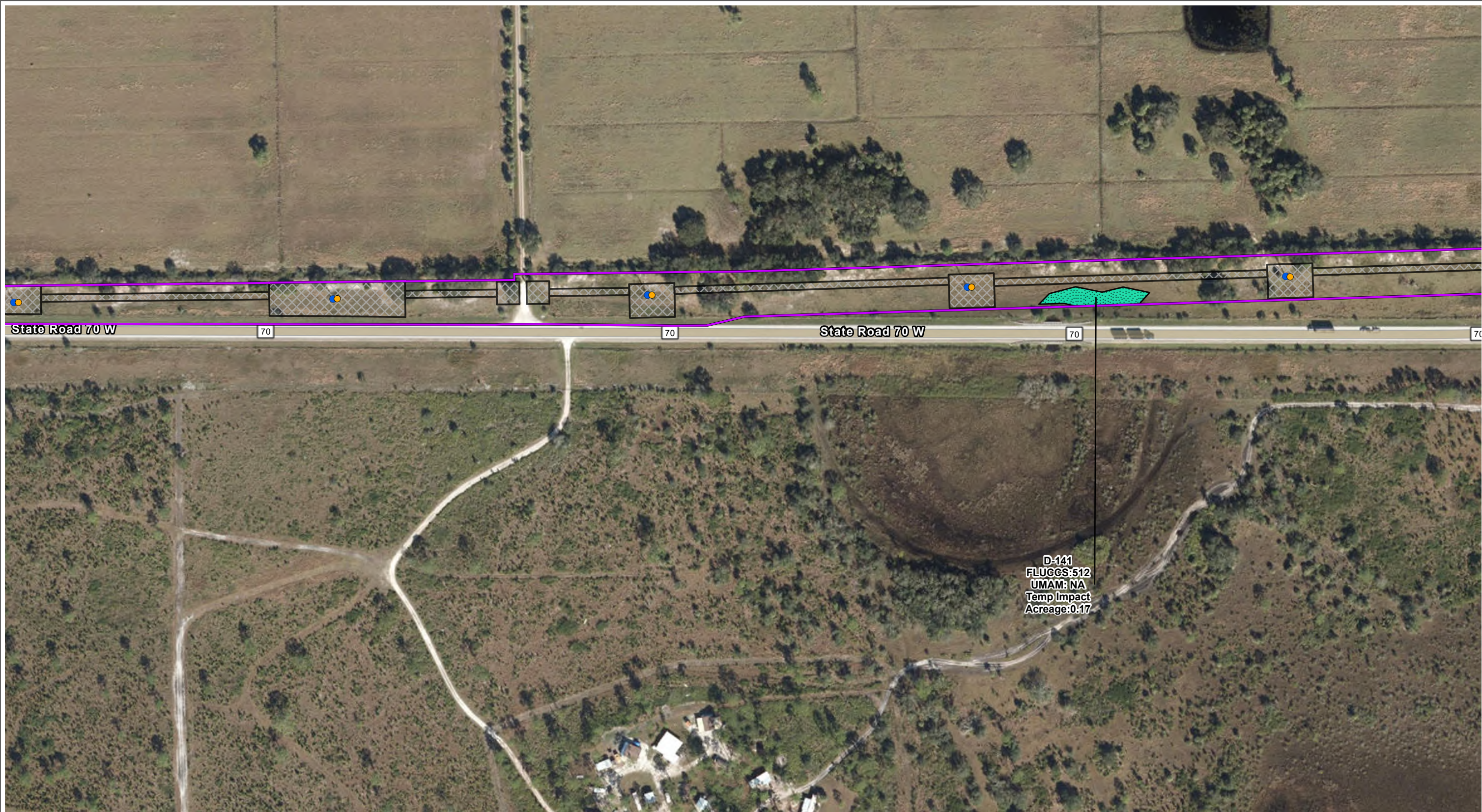
Attachment 17 - Page 44 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

Date: 11/8/2023



Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

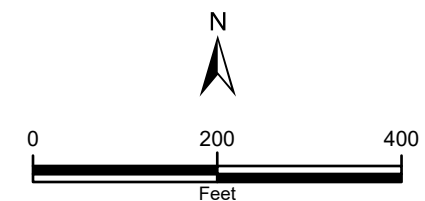
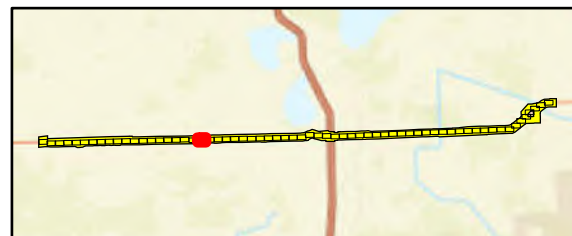


- Existing Structure
- Proposed Structures
- Substation
- Waterway-Dorr Field Narrowed Corridor
- Waterway-Dorr Field Project Footprint

- Temp Matting
- Perm Conversion
- Perm Maintained
- Temp Impact

- Field Delineated Wetland
- Field Delineated Surface Water
- NHD Flowline
- NWI
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Riverine

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

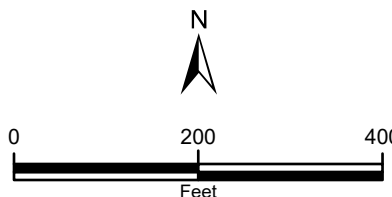
Attachment 17 - Page 45 of 64 Segment 3: Waterway – Dorr Field Wetland Impact Map

Highlands and DeSoto Counties, Florida

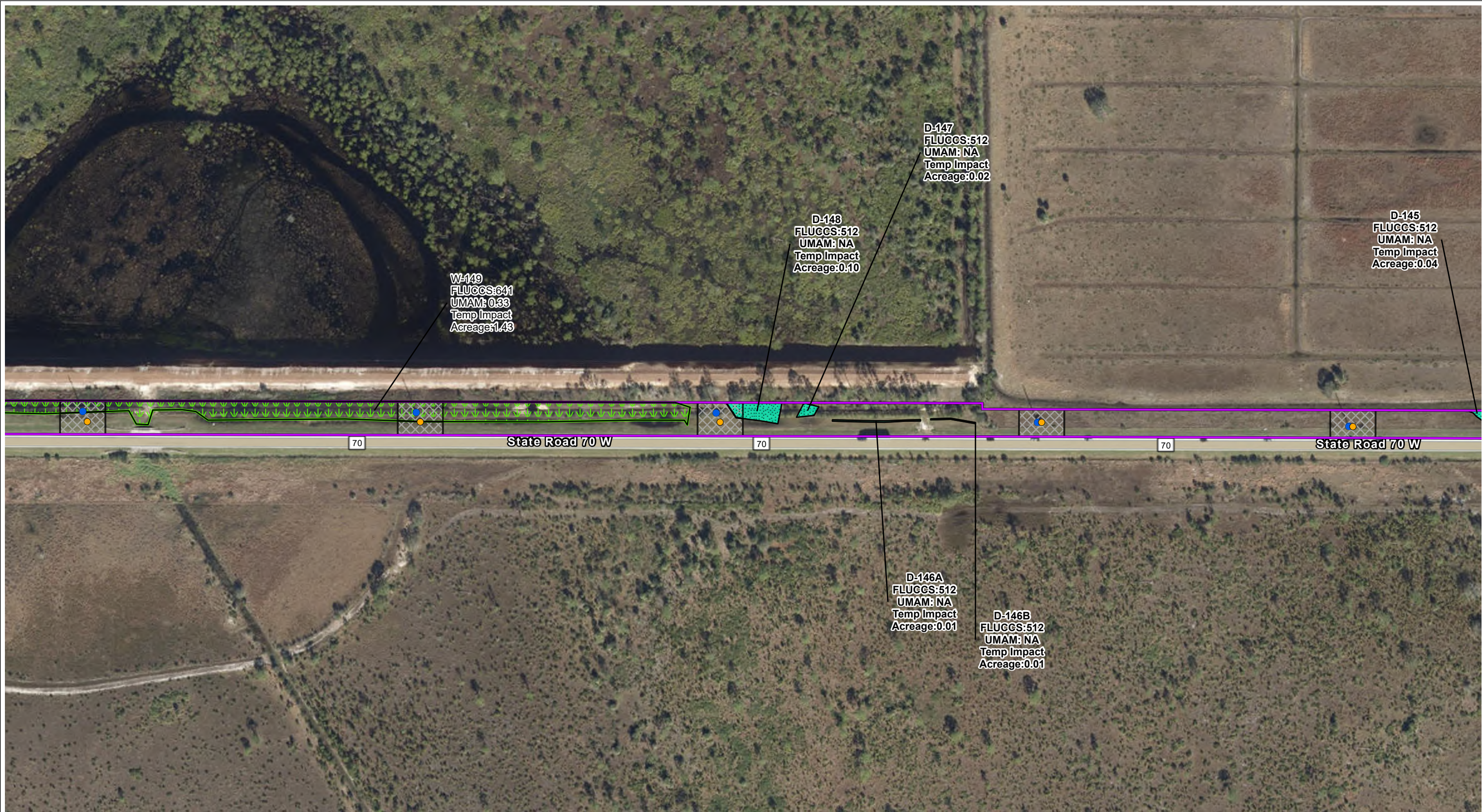
Date: 11/8/2023

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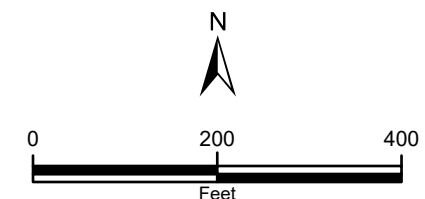
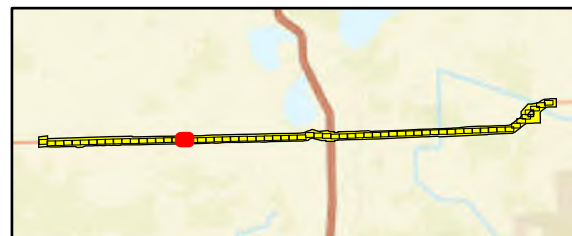
- Existing Structure - Proposed Structures - Substation - Waterway-Dorr Field Narrowed Corridor - Waterway-Dorr Field Project Footprint	- Temp Matting - Perm Conversion - Perm Maintained - Temp Impact	- Field Delineated Wetland - Field Delineated Surface Water - NHD Flowline - NWI - Freshwater Emergent Wetland - Freshwater Forested/Shrub Wetland - Riverine		 Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2023.	Attachment 17 - Page 46 of 64 Segment 3: Waterway – Dorr Field Wetland Impact Map Highlands and DeSoto Counties, Florida Date: 11/8/2023 
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Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



- Existing Structure
- Proposed Structures
- Substation
- Waterway-Dorra Field Narrowed Corridor
- Waterway-Dorra Field Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
- Temp Impact
- NWI
- Field Delineated Wetland
- Field Delineated Surface Water
- NHD Flowline
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Riverine

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



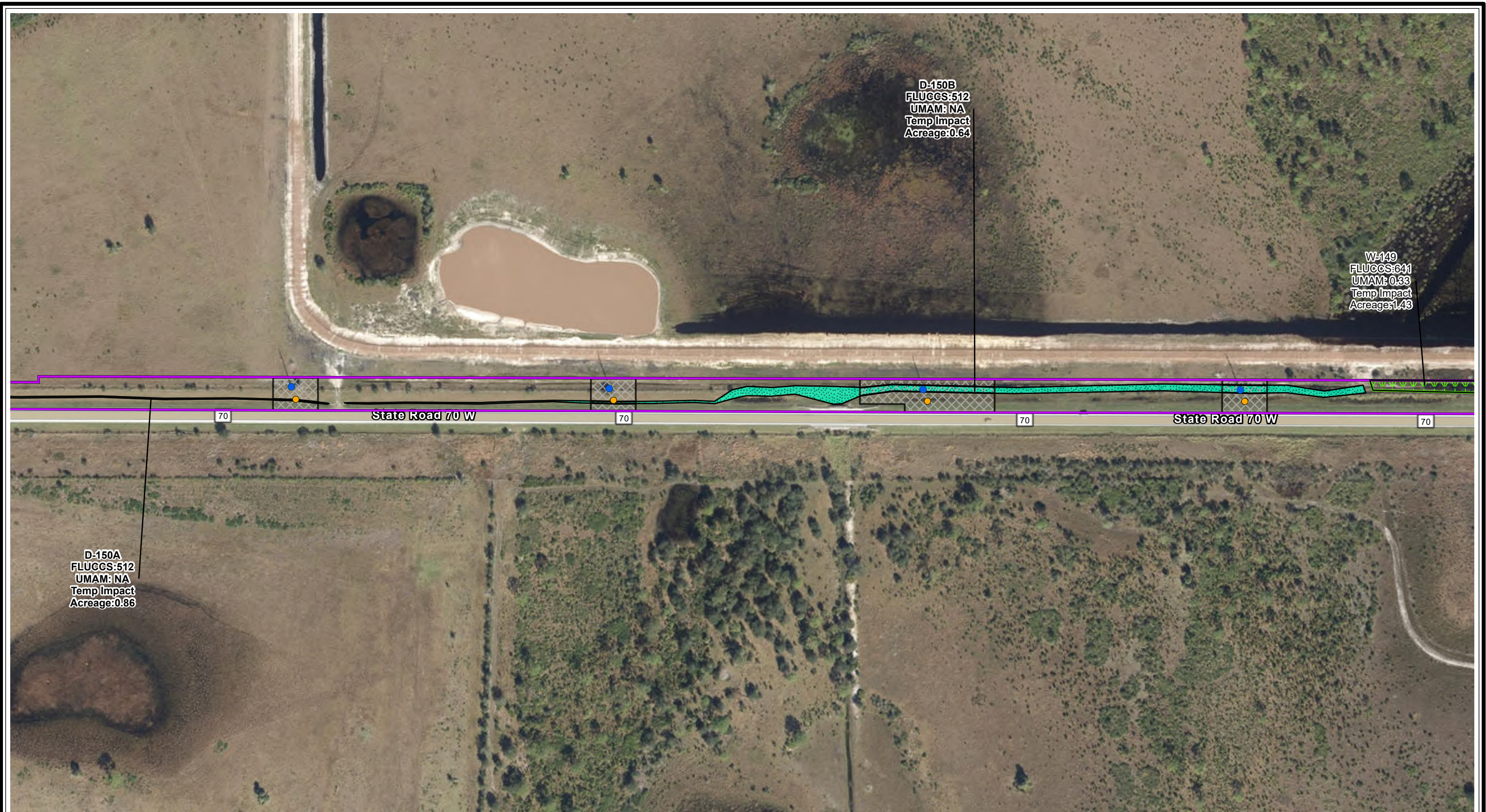
Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 47 of 64 Segment 3: Waterway – Dorra Field Wetland Impact Map

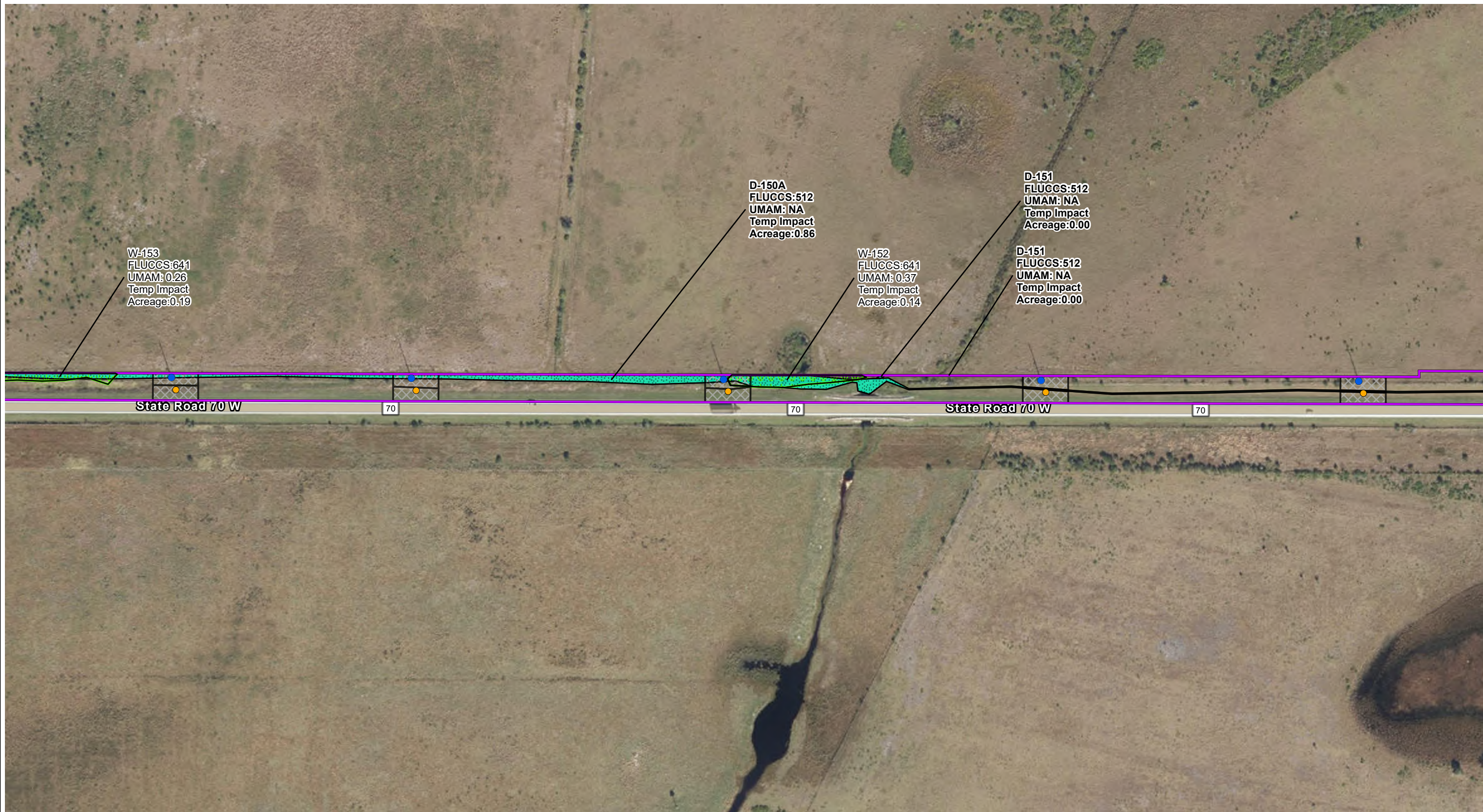
Highlands and DeSoto Counties, Florida

Date: 11/8/2023

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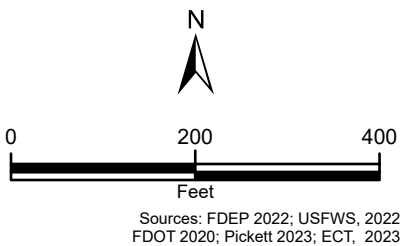
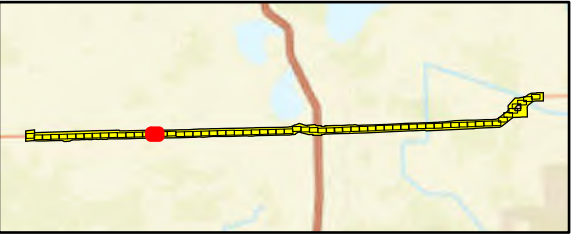


- Existing Structure - Proposed Structures - Substation - Waterway-Dorr Field Narrowed Corridor - Waterway-Dorr Field Project Footprint	- Temp Matting - Perm Conversion - Perm Maintained - Temp Impact	- Field Delineated Wetland - Field Delineated Surface Water - NHD Flowline - NWI - Freshwater Emergent Wetland - Freshwater Forested/Shrub Wetland - Riverine	Please Note: All Permanent Fill Structure impacts are <0.00 acres and are approx. 0.001154 acres.		N 0 200 400 Feet Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2023.	Attachment 17 - Page 48 of 64 Segment 3: Waterway – Dorr Field Wetland Impact Map Highlands and DeSoto Counties, Florida Date: 11/8/2023
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- Existing Structure
- Proposed Structures
- Substation
- Waterway-Dorr Field Narrowed Corridor
- Waterway-Dorr Field Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
- Temp Impact
- NWI
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Riverine
- Field Delineated Wetland
- Field Delineated Surface Water
- NHD Flowline

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Attachment 17 - Page 49 of 64 Segment 3: Waterway – Dorr Field Wetland Impact Map

Highlands and DeSoto Counties, Florida

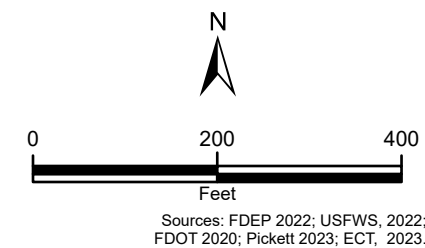
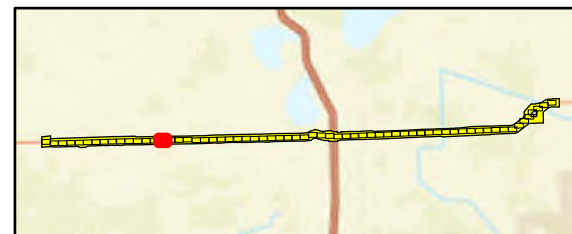
Date: 11/8/2023

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|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
| Waterway-Dorr Field Narrowed Corridor | Temp Impact | NWI |
| Waterway-Dorr Field Project Footprint | | Freshwater Emergent Wetland |
| | | Freshwater Forested/Shrub Wetland |
| | | Riverine |

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Attachment 17 - Page 50 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

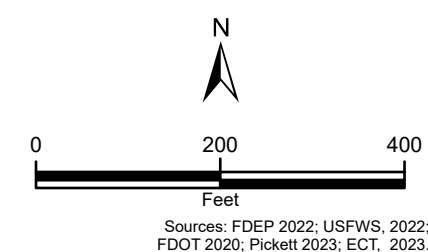
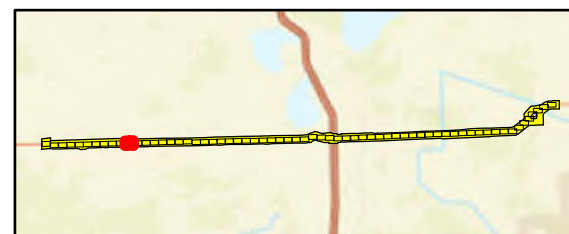
Date: 11/8/2023





- Existing Structure Proposed Structures Substation
 Waterway-Dorr Field Narrowed Corridor Waterway-Dorr Field Project Footprint
 Temp Matting Perm Conversion Perm Maintained Temp Impact
 Field Delineated Wetland Field Delineated Surface Water NHD Flowline
NWI
 Freshwater Emergent Wetland Freshwater Forested/Shrub Wetland
 Riverine

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Attachment 17 - Page 54 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

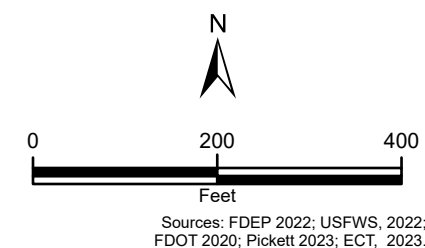
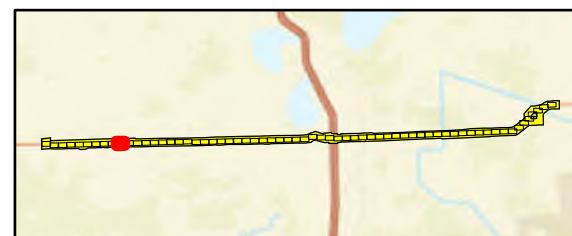
Date: 11/8/2023

ECT



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|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
| Waterway-Dorr Field Narrowed Corridor | Temp Impact | NWI |
| Waterway-Dorr Field Project Footprint | | Freshwater Emergent Wetland |
| | | Freshwater Forested/Shrub Wetland |
| | | Riverine |

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Attachment 17 - Page 55 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

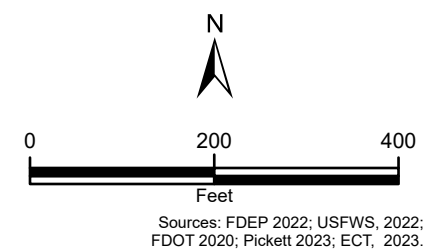
Date: 11/8/2023

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- Existing Structure
- Proposed Structures
- Substation
- ▭ Waterway-Dorr Field Narrowed Corridor
- ▭ Waterway-Dorr Field Project Footprint
- ▭ Temp Matting
- ▭ Perm Conversion
- ▭ Perm Maintained
- ▭ Temp Impact
- ▭ Field Delineated Wetland
- ▭ Field Delineated Surface Water
- ▭ NHD Flowline
- NWI
 - ▭ Freshwater Emergent Wetland
 - ▭ Freshwater Forested/Shrub Wetland
 - ▭ Riverine

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Attachment 17 - Page 56 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

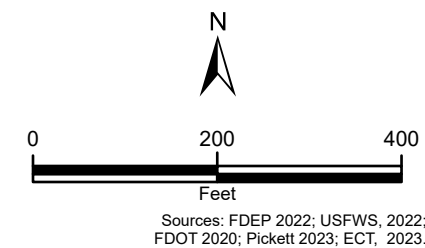
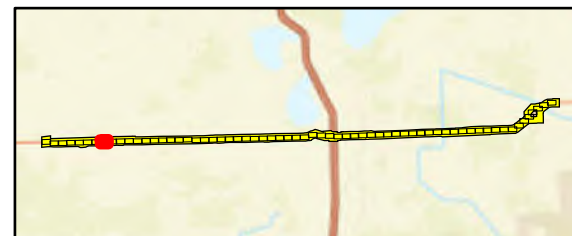
Highlands and DeSoto Counties, Florida
Date: 11/8/2023





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|---------------------------------------|-----------------|-----------------------------------|
| ● Existing Structure | Temp Matting | Field Delineated Wetland |
| ● Proposed Structures | Perm Conversion | Field Delineated Surface Water |
| ● Substation | Perm Maintained | NHD Flowline |
| Waterway-Dorr Field Narrowed Corridor | Temp Impact | NWI |
| Waterway-Dorr Field Project Footprint | | Freshwater Emergent Wetland |
| | | Freshwater Forested/Shrub Wetland |
| | | Riverine |

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.



Attachment 17 - Page 57 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida

Date: 11/8/2023

ECT

Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

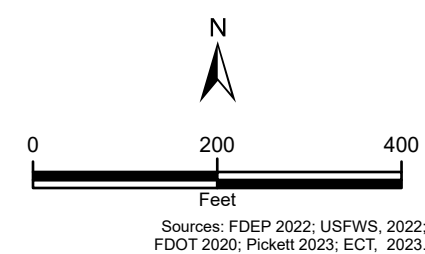
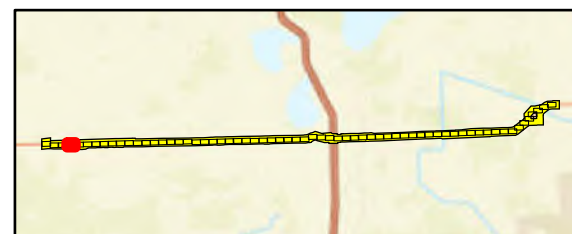


- Existing Structure - Proposed Structures - Substation - Waterway-Dorr Field Narrowed Corridor - Waterway-Dorr Field Project Footprint	- Temp Matting - Perm Conversion - Perm Maintained - Temp Impact	- Field Delineated Wetland - Field Delineated Surface Water - NHD Flowline - NWI - Freshwater Emergent Wetland - Freshwater Forested/Shrub Wetland - Riverine		Please Note: All Permanent Fill Structure impacts are <0.00 acres and are approx. 0.001154 acres.	0 200 400 Feet	Attachment 17 - Page 59 of 64 Segment 3: Waterway – Dorr Field Wetland Impact Map Highlands and DeSoto Counties, Florida Date: 11/8/2023
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-  Existing Structure
 Proposed Structures
 Substation
 Waterway-Dorr Field Narrowed Corridor
 Waterway-Dorr Field Project Footprint
 Temp Matting
 Perm Conversion
 Perm Maintained
 Temp Impact
 Field Delineated Wetland
 Field Delineated Surface Water
 NHD Flowline
NWI
 Freshwater Emergent Wetland
 Freshwater Forested/Shrub Wetland
 Riverine

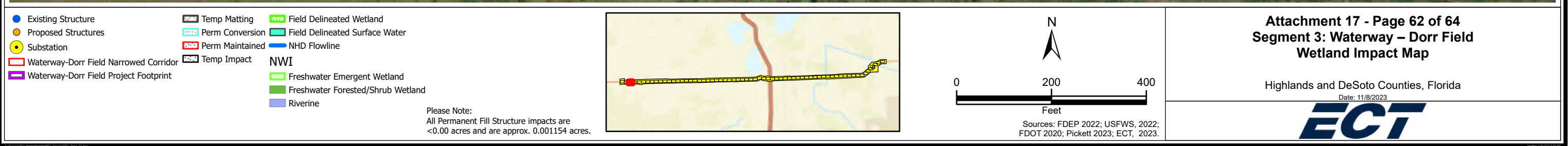
Please Note:
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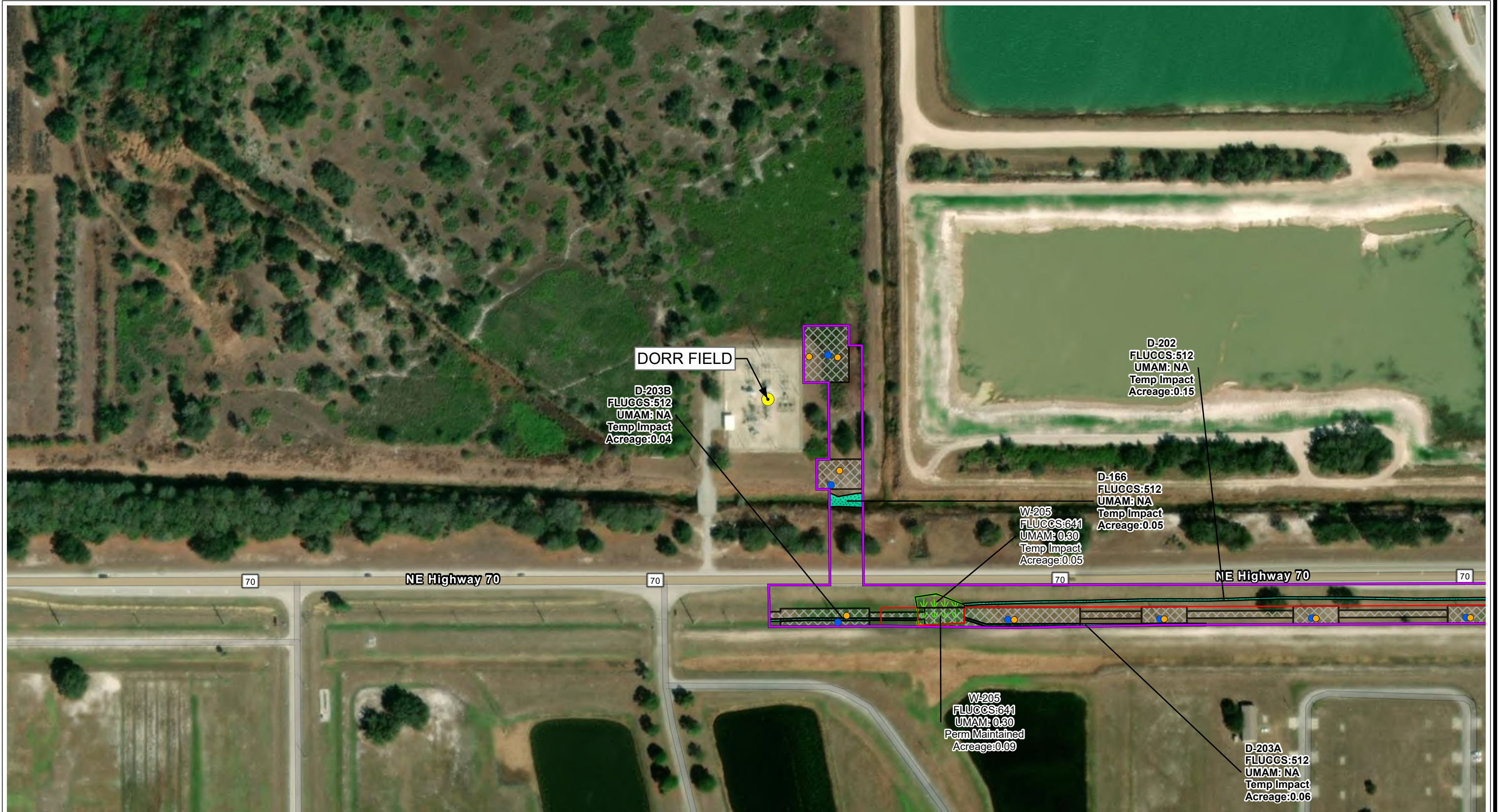


Attachment 17 - Page 61 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida
Date: 11/8/2023

ECT





● Existing Structure

● Proposed Structures

● Substation

▭ Waterway-Dorr Field Narrowed Corridor

▭ Waterway-Dorr Field Project Footprint

▭ Temp Matting

▭ Perm Conversion

▭ Perm Maintained

▭ Temp Impact

NWI

▭ Freshwater Emergent Wetland

▭ Freshwater Forested/Shrub Wetland

▭ Riverine

▭ Field Delineated Wetland

▭ Field Delineated Surface Water

▭ NHD Flowline

Please Note:
All Permanent Fill Structure impacts are
<0.00 acres and are approx. 0.001154 acres.

N

0200400

Feet

Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2023.

Attachment 17 - Page 64 of 64
Segment 3: Waterway – Dorr Field
Wetland Impact Map

Highlands and DeSoto Counties, Florida
Date: 11/8/2023

Attachment 10
Updated Wetland Impacts Table

Attachment 10 - REVISED All Wetland and Surface Waters Impacts (in Project Footprint)

Previous (8/30/23) Updated (11/8/23)

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Impact Acreage	Total Wetland Acreage	Impact Acreage Delta
D-01	512	Temp Impact	0.00	0.00	0.16	
D-02	512	Temp Impact	0.02	0.02	0.04	
D-10A	512	Temp Impact	0.05	0.05	0.21	
D-10B	512	Temp Impact	0.01	0.01	0.01	
D-100A	512	Temp Impact	0.02	0.02	0.02	
D-100B	512	Temp Impact	0.68	0.68	0.69	
D-101A	512	Temp Impact	0.15	0.15	0.25	
D-101B	512	Temp Impact	0.05	0.05	0.05	
D-102A	512	Temp Impact	0.02	0.02	0.08	
D-102B	512	Temp Impact	0.04	0.04	0.06	
D-103A	512	Temp Impact	0.01	0.01	0.02	
D-103B	512	Temp Impact	0.01	0.01	0.18	
D-104A	512	Temp Impact	0.03	0.03	0.03	
D-104B	512	Temp Impact	0.11	0.11	0.11	
D-105A	512	Temp Impact	0.00	0.00	0.00	
D-105B	512	Temp Impact	2.61	2.61	3.32	
D-106	512	Temp Impact	0.56	0.56	0.71	
D-108	512	Temp Impact	0.06	0.06	0.06	
D-11	512	Temp Impact	0.00	0.00	0.00	
D-110	512	Temp Impact	0.02	0.02	0.02	
D-112	512	Temp Impact	0.09	0.09	0.09	
D-116	512	Temp Impact	0.01	0.01	0.02	
D-12	512	Temp Impact	0.00	0.00	0.00	
D-13	512	Temp Impact	0.00	0.00	0.00	
D-139A	512	Temp Impact	0.03	0.03	0.03	
D-139B	512	Temp Impact	0.02	0.02	0.03	
D-14	512	Temp Impact	0.01	0.01	0.01	
D-141	512	Temp Impact	0.17	0.17	0.20	
D-142	512	Temp Impact	0.05	0.05	0.09	
D-143	512	Temp Impact	0.03	0.03	0.03	
D-144	512	Temp Impact	0.03	0.03	0.04	
D-145	512	Temp Impact	0.04	0.04	0.04	
D-146	512	Temp Impact	0.01	0.01	0.01	
D-146	512	Temp Impact	0.01	0.01	0.01	
D-147	512	Temp Impact	0.02	0.02	0.02	
D-148	512	Temp Impact	0.10	0.10	0.14	
D-15A	512	Temp Impact	0.01	0.01	0.01	
D-15B	512	Temp Impact	0.13	0.13	0.13	
D-150	512	Temp Impact	0.86	0.86	1.24	
D-150	512	Temp Impact	0.64	0.64	0.64	
D-151	512	Temp Impact	0.00	0.00	0.03	

Attachment 10 - REVISED All Wetland and Surface Waters Impacts (in Project Footprint)

Previous (8/30/23) Updated (11/8/23)

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Impact Acreage	Total Wetland Acreage	Impact Acreage Delta
D-154	512	Temp Impact	0.13	0.13	0.29	
D-155	512	Temp Impact	1.34	1.34	1.34	
D-157	512	Temp Impact	0.38	0.38	0.38	
D-158	512	Temp Impact	0.15	0.15	0.19	
D-159	512	Temp Impact	0.05	0.05	0.05	
D-16	512	Temp Impact	0.02	0.02	0.02	
D-164	512	Temp Impact	0.01	0.01	0.01	
D-166	512	Temp Impact	0.05	0.05	0.44	
D-17	512	Temp Impact	0.13	0.13	0.13	
D-173	512	Temp Impact	0.08	0.08	0.08	
D-174	512	Temp Impact	0.08	0.08	0.08	
D-175	512	Temp Impact	0.30	0.30	0.32	
D-177	512	Temp Impact	0.99	0.99	0.99	
D-178A	512	Temp Impact	0.08	0.08	0.08	
D-178B	512	Temp Impact	0.83	0.83	0.83	
D-18	512	Temp Impact	0.04	0.04	0.04	
D-180	512	Temp Impact	0.30	0.30	0.30	
D-181	512	Temp Impact	0.39	0.39	0.39	
D-182	512	Temp Impact	0.39	0.39	0.39	
D-184	512	Temp Impact	0.31	0.31	0.31	
D-185	512	Temp Impact	0.37	0.37	0.37	
D-187A	512	Temp Impact	0.12	0.12	0.12	
D-187B	512	Temp Impact	0.14	0.14	0.14	
D-187C	512	Temp Impact	0.03	0.03	0.03	
D-188A	512	Temp Impact	0.24	0.24	0.24	
D-188B	512	Temp Impact	0.04	0.04	0.04	
D-189	512	Temp Impact	0.12	0.12	0.12	
D-19	512	Temp Impact	0.00	0.00	0.00	
D-191	512	Temp Impact	0.08	0.08	0.08	
D-192	512	Temp Impact	0.24	0.24	0.24	
D-193	510	Temp Impact	0.00	0.00	0.03	
D-194	510	Temp Impact	0.06	0.06	0.06	
D-195	512	Temp Impact	0.24	0.24	0.24	
D-197	512	Temp Impact	0.13	0.13	0.13	
D-2	512	Temp Impact	0.05	0.05	0.05	
D-20	512	Temp Impact	0.02	0.02	0.05	
D-200	512	Temp Impact	0.14	0.14	0.14	
D-201	512	Temp Impact	0.00	0.00	0.00	
D-202	512	Temp Impact	0.15	0.15	0.15	
D-203A	512	Temp Impact	0.06	0.06	0.06	
D-203B	512	Temp Impact	0.04	0.04	0.06	

Attachment 10 - REVISED All Wetland and Surface Waters Impacts (in Project Footprint)

Previous (8/30/23) Updated (11/8/23)

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Impact Acreage	Total Wetland Acreage	Impact Acreage Delta
D-21A	512	Temp Impact	0.83	0.83	1.39	
D-21B	512	Temp Impact	0.02	0.02	0.02	
D-22A	512	Temp Impact	0.06	0.06	0.10	
D-22B	512	Temp Impact	0.05	0.05	0.06	
D-23A	512	Temp Impact	0.09	0.09	5.16	
D-23B	512	Temp Impact	0.24	0.24	0.71	
D-24	512	Temp Impact	0.78	0.78	2.45	
D-25B	512	Temp Impact	1.16	1.16	2.94	
D-25C	512	Temp Impact	0.20	0.20	0.27	
D-25A	512	Temp Impact	0.00	0.00	3.49	
D-26	512	Temp Impact	0.81	0.81	2.47	
D-27B	512	Temp Impact	0.50	0.50	2.21	
D-27C	512	Temp Impact	0.00	0.00	0.04	
D-272	512	Temp Impact	0.18	0.18	0.18	
D-27A	512	Temp Impact	0.01	0.01	3.12	
D-28A	512	Temp Impact	0.12	0.12	0.18	
D-28B	512	Temp Impact	0.04	0.04	0.04	
D-3A	512	Temp Impact	0.00	0.00	0.00	
D-3B	512	Temp Impact	0.07	0.07	0.07	
D-3C	512	Temp Impact	0.02	0.02	0.02	
D-30A	512	Temp Impact	0.02	0.02	2.10	
D-30B	512	Temp Impact	0.12	0.12	0.12	
D-31A	512	Temp Impact	0.06	0.06	2.08	
D-31B	512	Temp Impact	0.15	0.15	0.21	
D-32	512	Temp Impact	0.33	0.33	0.33	
D-33	512	Temp Impact	0.10	0.10	0.25	
D-34	512	Temp Impact	0.17	0.17	0.30	
D-4	512	Temp Impact	0.00	0.00	0.05	
D-5A	512	Temp Impact	0.18	0.18	0.20	
D-5B	512	Temp Impact	0.31	0.31	0.31	
D-6A	512	Temp Impact	0.02	0.02	0.03	
D-6B	512	Temp Impact	0.05	0.05	0.06	
D-7A	512	Temp Impact	0.05	0.05	0.26	
D-7B	512	Temp Impact	0.10	0.10	0.10	
D-77B	512	Temp Impact	0.02	0.02	0.12	
D-77A	512	Temp Impact	0.03	0.03	0.10	
D-79	512	Temp Impact	0.04	0.04	1.00	
D-8	512	Temp Impact	0.03	0.03	0.14	
D-83	512	Temp Impact	0.02	0.02	0.03	
D-86	512	Temp Impact	0.06	0.06	0.06	
D-87	512	Temp Impact	0.02	0.02	0.02	

Attachment 10 - REVISED All Wetland and Surface Waters Impacts (in Project Footprint)

Previous (8/30/23) Updated (11/8/23)

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Impact Acreage	Total Wetland Acreage	Impact Acreage Delta
D-88	512	Temp Impact	0.00	0.00	0.01	
D-89	512	Temp Impact	0.06	0.06	0.34	
D-9	512	Temp Impact	0.10	0.10	0.18	
D-90A	512	Temp Impact	0.00	0.00	0.41	
D-90B	512	Temp Impact	0.09	0.09	0.09	
D-91	512	Temp Impact	0.12	0.12	0.19	
D-92A	512	Temp Impact	0.05	0.05	0.40	
D-92B	512	Temp Impact	1.78	1.78	2.00	
D-94	512	Temp Impact	0.01	0.01	0.04	
D-95	512	Temp Impact	0.01	0.01	0.05	
D-96A	512	Temp Impact	0.02	0.02	0.02	
D-96B	512	Temp Impact	0.01	0.01	0.02	
D-97	512	Temp Impact	0.01	0.01	0.11	
D-98A	512	Temp Impact	0.04	0.04	0.04	
D-98B	512	Temp Impact	0.00	0.00	0.00	
D-99A	512	Temp Impact	0.02	0.02	0.02	
D-99B	512	Temp Impact	0.03	0.03	0.03	
S-91	510	Temp Impact	0.29	0.29	2.80	
SW-176	510	Temp Impact	0.15	0.15	0.17	
SW-179	510	Temp Impact	0.09	0.09	0.10	
SW-190	510	Temp Impact	0.13	0.13	0.16	
SW-20	510	Temp Impact	0.21	0.21	0.49	
SW-28	523	Temp Impact	0.11	0.11	1.06	
SW-4	510	Temp Impact	0.06	0.06	0.21	
SW-78	524	Temp Impact	0.02	0.02	0.02	
SW-89	524	Temp Impact	0.13	0.13	0.16	
WB-78	524	Temp Impact	0.07	0.07	0.08	
DW-1	512	Temp Impact	0.17	0.17	2.37	
DW-2	641	Temp Impact	0.22	0.22	1.71	
DW-5	641	Temp Impact	0.39	0.39	0.55	
DW-6	641	Temp Impact	0.07	0.07	0.49	
DW-8	641	Temp Impact	0.07	0.07	0.32	
DW-9	512	Temp Impact	0.01	0.01	0.03	
DW-11	630	Perm Conversion	0.01	0.01	1.54	
DW-12	641	Perm Maintained	0.06	0.06	3.44	
W-1	641	Temp Impact	0.26	0.26	0.30	
W-1	641	Structure Fill	0.001154	0.001154		
W-11	641	Temp Impact	1.64	1.64	13.90	
W-11	641	Perm Maintained	0.61	0.61		
W-111	619	Temp Impact	0.02	0.02	0.20	
W-111	619	Perm Conversion	0.13	0.13		

Attachment 10 - REVISED All Wetland and Surface Waters Impacts (in Project Footprint)

Previous (8/30/23) Updated (11/8/23)

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Impact Acreage	Total Wetland Acreage	Impact Acreage Delta
W-112	641	Temp Impact	0.36	0.36	0.38	
W-112	641	Structure Fill	0.001154	0.001154		
W-113	619	Temp Impact	0.02	0.02	0.03	
W-114	619	Temp Impact	0.89	0.89	1.13	
W-114	619	Structure Fill	0.001154	0.001154		
W-115	641	Temp Impact	0.41	0.41	0.43	
W-115	641	Structure Fill	0.001154	0.001154		
W-118	641	Temp Impact	0.02	0.02	0.02	
W-12	630	Temp Impact	2.43	2.43	4.67	
W-12	630	Structure Fill	0.001154	0.001154		
W-12	630	Structure Fill	0.001154	0.001154		
W-124	641	Temp Impact	0.68	0.68	0.82	
W-124	641	Structure Fill	0.001154	0.001154		
W-125	631	Temp Impact	0.05	0.05	0.83	
W-125A	641	Temp Impact	0.17	0.17	1.67	
W-126	641	Temp Impact	0.04	0.04	0.08	
W-127	641	Temp Impact	0.34	0.34	0.51	
W-128	641	Temp Impact	0.13	0.13	0.19	
W-129	619	Temp Impact	0.18	0.18	0.31	
W-13	641	Temp Impact	3.15	3.15	6.21	
W-13	641	Structure Fill	0.001154	0.001154		
W-13	641	Structure Fill	0.001154	0.001154		
W-13	641	Structure Fill	0.001154	0.001154		
W-13	641	Structure Fill	0.001154	0.001154		
W-136	631	Temp Impact	0.69	0.69	3.89	
W-137	631	Temp Impact	0.40	0.40	3.39	
W-14	641	Temp Impact	0.07	0.07	0.08	
W-140	641	Temp Impact	0.18	0.18	2.01	
W-140	630	Temp Impact	0.06	0.06		
W-149	641	Temp Impact	1.43	1.43	2.02	
W-15	641	Temp Impact	0.05	0.05	0.05	
W-152	641	Temp Impact	0.14	0.14	0.28	
W-153	641	Temp Impact	0.19	0.19	0.43	
W-156	641	Temp Impact	0.04	0.04	0.04	
W-16	641	Temp Impact	0.01	0.01	0.01	
W-160	641	Temp Impact	0.01	0.01	0.28	
W-161	641	Temp Impact	0.11	0.11	1.61	
W-165	641	Temp Impact	0.42	0.42	1.16	
W-165	641	Perm Maintained	0.71	0.71		
W-165	641	Structure Fill	0.001154	0.001154		
W-165	641	Structure Fill	0.001154	0.001154		

Attachment 10 - REVISED All Wetland and Surface Waters Impacts (in Project Footprint)

Previous (8/30/23) Updated (11/8/23)

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Impact Acreage	Total Wetland Acreage	Impact Acreage Delta
W-165	641	Structure Fill	0.001154	0.001154		
W-17	641	Temp Impact	0.03	0.03	0.04	
W-172	641	Temp Impact	1.00	1.00	3.01	
W-172	641	Perm Maintained	1.35	1.35		
W-172	641	Structure Fill	0.001154	0.001154		
W-172	641	Structure Fill	0.001154	0.001154		
W-172	641	Structure Fill	0.001154	0.001154		
W-172	641	Structure Fill	0.001154	0.001154		
W-186	641	Temp Impact	0.11	0.11	0.29	
W-186	641	Perm Maintained	0.14	0.14		
W-186	641	Structure Fill	0.001154	0.001154		
W-18A	641	Temp Impact	2.08	2.08	2.55	
W-18A	641	Structure Fill	0.001154	0.001154		
W-18A	641	Structure Fill	0.001154	0.001154		
W-18B	641	Temp Impact	1.15	1.15	1.48	
W-18B	641	Structure Fill	0.001154	0.001154		
W-18B	641	Structure Fill	0.001154	0.001154		
W-19	630	Temp Impact	0.76	0.76	0.77	
W-19	630	Structure Fill	0.001154	0.001154		
W-196	641	Temp Impact	0.19	0.19	0.35	
W-196	641	Perm Maintained	0.16	0.16		
W-198	641	Temp Impact	0.04	0.04	0.12	
W-198	641	Perm Maintained	0.06	0.06		
W-199	641	Temp Impact	0.03	0.03	0.12	
W-199	641	Perm Maintained	0.04	0.04		
W-2	641	Temp Impact	0.04	0.21	0.38	0.17
W-205	641	Temp Impact	0.05	0.05	0.14	
W-205	641	Perm Maintained	0.09	0.09		
W-273	610	Temp Impact	0.38	0.38	0.83	
W-273	610	Perm Conversion	0.23	0.23		
W-273	610	Structure Fill	0.001154	0.001154		
W-273	610	Structure Fill	0.001154	0.001154		
W-274	610	Temp Impact	0.39	0.39	2.27	
W-274	610	Perm Conversion	0.25	0.25		
W-274	610	Structure Fill	0.001154	0.001154		
W-274	610	Structure Fill	0.001154	0.001154		
W-275	610	Temp Impact	0.39	0.39	1.41	
W-275	610	Perm Conversion	0.30	0.30		
W-275	610	Structure Fill	0.001154	0.001154		
W-275	610	Structure Fill	0.001154	0.001154		
W-3	641	Structure Fill	0.001154			-0.001154

Attachment 10 - REVISED All Wetland and Surface Waters Impacts (in Project Footprint)

Previous (8/30/23) Updated (11/8/23)

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Impact Acreage	Total Wetland Acreage	Impact Acreage Delta
W-3	641	Temp Impact	0.52			-0.52
W-3A	641	Temp Impact		0.14	0.33	0.14
W-3B	641	Temp Impact		0.14	0.24	0.14
W-4	641	Temp Impact	0.60			-0.60
W-4	641	Perm Maintained	0.15			-0.15
W-4	641	Structure Fill	0.001154			-0.001154
W-4A	641	Temp Impact		0.01	0.18	0.01
W-4B	641	Temp Impact		0.06	0.32	0.06
W-4C	641	Temp Impact		0.15	0.37	0.15
W-4C	641	Perm Maintained		0.11		0.11
W-80	641	Temp Impact	0.09	0.09	0.09	
W-81	641	Temp Impact	0.03	0.03	0.08	
W-82	641	Temp Impact	0.06	0.06	0.07	
W-84	641	Temp Impact	0.12	0.12	0.15	
W-85	641	Temp Impact	0.12	0.12	0.19	
Total			53.75	53.26	132.93	-0.4942

Red Text Indicates NWI Desktopped Data

Project Footprint includes both Temporary Workspace plus Narrowed Corridor (eventual ROW)

Temporary Impacts to NonForested Wetlands Reduced by	-0.45 acre
Permanent Impacts (Structure Fill) to NonForested Wetlands Reduced by	-0.002308 acre
Temporary Impacts in Permanently Maintained Footprint Reduced by	-0.042 acre

Exhibit 1

Draft Mitigation Bank Credit Reservation Agreement

KISSIMMEE RIDGE MITIGATION BANK

WETLAND CREDIT PURCHASE AGREEMENT

THIS WETLAND CREDIT PURCHASE AGREEMENT (“Agreement”) is made and entered into by and between Southern States Land & Timber, LLC (the “Seller”) and FP&L having an address of 700 Universe Blvd, Juno Beach, Florida 33408 (the “Buyer”) on November 3, 2023 (the Effective Date).

RECITALS:

Seller is the Sponsor of the Kissimmee Ridge Wetlands Mitigation Bank (“Mitigation Bank”) located within Polk County, Florida within the Kissimmee Ridge watershed (HUC 03090101) (the “Mitigation Area”), previously approved by the U.S. Army Corp of Engineers (the “Corps” Permit No. SAJ-2015-03047 along with SWFWMD Environmental Resource Permit No. 43042745.000 and other federal and state agencies of the Interagency Review Team (“IRT”) through the Kissimmee Ridge Mitigation Banking Instrument as documented on the Regulatory in-lieu Fee and Bank Information System (RIBITS).

Buyer desires to buy from Seller wetland mitigation credits to meet the compensatory mitigation requirements of the Florida Department of Environmental Protection (“FDEP”) Certification No. TA22-19 for the Sweatt-Whidden TLSA, Segment 3: Waterway-Dorr Field project, located in Highlands County, Florida issued pursuant to Clean Water Act Section 404 (the “Permits”), and Seller agrees to sell such Wetland Mitigation Credits to Buyer under the terms and conditions set out in this Agreement.

PAYMENT OF DEPOSIT AND PURCHASE PRICE:

Buyer shall pay to Seller a fifteen percent (15%) non-refundable deposit, applicable to the Purchase Price, in exchange for a ninety (90) day reservation period within fifteen days of the effective date of this Agreement. If Buyer wishes to extend the reservation period by another ninety (90) days, a second fifteen percent (15%) non-refundable deposit will be due at that time. At the end of the second ninety (90) day period the balance of payment is due in full. If Buyer wishes to forego paying a Deposit, Buyer may pay the full Purchase Price up front or at any time during the reservation periods.

PAYMENT METHOD:

All payments shall be made to Southern States Land & Timber, LLC. Buyer shall pay the Deposit(s), Purchase Price, and/or Balance of Purchase by either a wire transfer, ACH transfer or check. In no instance shall Credits be transferred by Seller prior to Seller having received full payment of the Purchase Price. The wiring instructions are attached to this contract.

AGREEMENT:

NOW, THEREFORE, Seller and Buyer agree as follows:

1. SELLERS' SERVICES:

- A. Seller shall perform, or has performed, mitigation (the "Credits") pursuant to all relevant rules, regulations and authorizing agreements.
- B. In consideration of the sum of \$200,000.00 per UMAM credit (for State-Only Freshwater Forested credits) paid by FP&L, Seller:
 - i. Sells to Buyer 1.26 State-Only Freshwater Forested credits for the sum of \$252,000.00 to meet the compensatory mitigation requirements of the Buyer's State Permit, and
 - ii. Assumes Buyer's responsibility to perform the wetlands mitigation specified in Paragraph A above in accordance with the terms and conditions of the Interagency Agreement approving the Mitigation Bank.

2. WARRANTY:

- A. Seller's Warranty: Seller represents and warrants that it has the authority and approval from the Corps, and the IRT, pursuant to the Interagency Agreement, to sell the credits granted herein and warrants that the wetlands mitigation shall be, or has been, performed and maintained in accordance with the terms and conditions of the Interagency Agreement.
- B. Buyer's Warranty:
 - i. Buyer represents and warrants that the Corps and/or Buyer have calculated and determined the appropriate number of credits that are necessary to compensate for the wetlands loss attributed to the Permit; that Seller is relying on Buyer with respect thereto; and that Seller has made no representations or warranties to Buyer with respect to the necessary number of acres or credits for Buyer's needs; and

- ii. Buyer acknowledges and agrees that it does not have, and shall not hereafter have, (1) Any rights to any monies generated by or related to the Mitigation Bank (whether the surface or the subsurface of the Mitigation Bank); or (2) Any rights of ownership, use or otherwise in the Mitigation Bank.

3. ASSIGNMENT:

- A. This Agreement and the Credits, which are the subject hereof, are not assignable.

IN WITNESS WHEREOF, the Seller and the Buyer have executed this Credit Sale Agreement this _____ day of _____, 2023.

SELLER:

Southern States Land & Timber, LLC

BUYER:

FP&L

By: **Aaron Landry**
Title: **Director of Environmental Services**

By: **Franck Leblanc**
Title: **Director, Environmental Services**

Exhibit 2

Section K Notice of Intent to Use an Environmental Resource and/or Section 404 Program General Permit

Notice of Intent to Use an Environmental Resource and/or State 404 Program General Permit

Instructions: This form is for projects that qualify for a General Permit in accordance with Chapter 62-330 F.A.C., and/or Chapter 62-331, F.A.C. General Permits (GP) are provided for certain activities that have been determined to have minimal impacts to the water resources of the state when conducted in compliance with the terms and conditions of the general permit. Complete and submit this form to the appropriate agency as identified in Part 3 below.

If activity is located on, or has the potential to be located on, state-owned sovereignty submerged lands (SSL), the reviewing Agency will begin processing the request for state-owned sovereignty submerged lands authorization. If you know that your project is located on SSL, (i.e., waterward of the line of mean or ordinary high water of rivers, streams, bays, bayous, sounds, the Gulf of Mexico, the Atlantic Ocean, or certain natural lakes, we recommend completing Section F of the Environmental Resource Permit Application. You are not required to complete Section F to receive a General Permit, but it will help the agency process the SSL authorization. Both authorizations are required prior to construction on SSL.

Part 1: General Information

A. Rule section number of the GP(s) for which you are applying:
62-330. / 62-331.215 ,F.A.C

We recommend contacting your local Corps district office if your project is not within state-assumed waters regulated under Chapter 62-331, F.A.C., does not qualify for the State Programmatic General Permit (SPGP) and you are not sure whether the project requires separate Corps authorization. If Corps authorization is required, you will need to submit the appropriate federal application form separately to the Corps. Corps contact information may be found online at the Jacksonville District Regulatory Division website.

B. Applicant ☐ This is a Contact Person for Additional Information

Name: Last: **Leblanc** First: **Franck** Middle:
Title: **Director, Environmental Services** Company: **Florida Power & Light Company**
Address: **15430 Endeavor Drive**
City: **Jupiter** State: **FL** Zip: **33478**
Home Telephone: Work Telephone: **(561) 904-3415**
Cell Phone:
E-mail Address: **Franck.L.Leblanc@fpl.com**

Correspondence will be sent via email, unless you check here to receive it via ☐ US Mail



C. Consultant/Agent ☒ **This is a Contact Person for Additional Information**

Name: Last: **Dawson** First: **Jude** Middle:
Title: **Senior Scientist** Company: **Environmental Consulting & Technology, Inc.**
Address: **7027 SW 24th Avenue**
City: **Gainesville** State: **FL** Zip: **32608**
Home Telephone: Work Telephone:
Cell Phone: **(352)213-9803**
E-mail Address: **jdawson@ectinc.com**

Correspondence will be sent via email, unless you check here to receive it via ☐ US Mail

D. Land Owner(s) (If Different or in Addition to Applicant Identified Above)

Name: Last: First: Middle:
Title: Company:
Address:
City: State: Zip:
Home Telephone: Work Telephone:
Cell Phone:
E-mail Address:

Correspondence will be sent via email, unless you check here to receive it via US Mail: ☐

E. Location of proposed activities:

Tax Parcel Identification Number: **Multiple - Please refer to Attachment 4, Parcel Table.**

Address:

City: County: Zip:

Latitude (DMS) **27°12'30.82"N** Longitude (DMS) **81°21'24.66"W** (Taken from central location of the activity). Explain source for obtaining latitude and longitude (i.e., U.S.G.S. Quadrangle Map, GPS, online resource): **Google Earth**

F. Date activity is proposed: To Commence: To be Completed:

G. Describe in general terms the proposed project, system, or activity:

Florida Power & Light Company (FPL) is proposing to construct the third phase of a new 230-kilovolt (kV) transmission line, Sweatt-Whidden (Project), which is scheduled to be in service by December 2025. The overall project will extend approximately 80.5 miles traversing through multiple counties in a combination of existing and new right-of-way.

The Project originates at FPL's existing Sweatt substation located in Okeechobee County and terminates at FPL's existing Whidden substation located in DeSoto County (Attachment 1).

Describe wetland and aquatic habitats to be affected:

Prevalent wetland types include shrub wetlands, mixed hardwood forested wetlands and exotic hardwoods. Freshwater marshes are associated with roadside and agricultural swales and conveyances, wet pastures, and transmission line rights-of-way, as well as natural marshes.

Forested wetlands may be associated with creek systems or exotics (i.e., Brazilian pepper) in disturbed existing transmission line right-of-way. Attachment 10 provides details on individual wetland along the alignment such as wetland type, size, and quality. Section C Form provides a summary of wetland impacts, and Attachment 10 provides an itemization of wetland impacts. Attachment 10 also presents the calculations for the functional loss based on wetland and impact type.

H. Construction methods and schedule:

Please see Attachment 6 for a Project Description and Construction Techniques. A Reduction of Impacts Narrative may be found as Attachment 11.

- I. Additional information that demonstrates that you qualify for the general permit, addressing all the parameters, thresholds, and conditions required in the general permit.**

For purposes of this application, most impacts are considered temporary unless there will be a permanent change in wetland type, (i.e., permanent conversion of forested wetland to non-forested wetland within the permanent maintenance area or permanent fill resulting from installation of a transmission structure). Impacts to non-forested wetland systems and water bodies are also considered temporary, as they will be restored to preconstruction condition once the transmission line has been installed. Construction and restoration activities in wetlands and water bodies will employ best management practices to minimize impacts to wetlands, such as those found in the exhibits included in Attachments 6, 6A, and 16.

Tables in Attachment 10 summarize the wetland and water body impacts by type and provide the impact type for each wetland and water body within the proposed project impact area.

Attachment 17 depicts the location of the proposed wetland and water body impacts along the proposed transmission alignment.

The forested wetland clearing will occur over 37 miles of the proposed Waterway – Dorr Field transmission line, thus the general permit criteria of <0.5-acre of forested wetlands per ten miles of line will be met.

- J. Additional information for State 404 Program General Permits (available within state-assumed waters only - leave blank if not applicable)**

1. Describe the project purpose (*Describe the purpose and need for the proposed project. Why are you proposing the work? How will you use the proposed structure(s); and/or, how will the proposed fill area(s) be used?*):

Florida Power & Light Company (FPL) is proposing to construct the third segment of a new 230-

kilovolt (kV) transmission line, Sweatt-Whidden (Project) as part of a reliability project in the area. The overall project will extend approximately 80.5 miles traversing through multiple counties in a combination of existing and new right-of-way. The Project originates at FPL's existing Sweatt substation located in Okeechobee County and terminates at FPL's existing Whidden substation located in DeSoto County (Attachment 1 – Location Map). FPL has certified the Project under the Florida Electric Transmission Line Siting Act (TLSA) and received its Final Order on September 22, 2022, TA22-19.

See also Attachment 6A for a more detail project description and narrative on project need.

This submittal pertains to the Segment 3 portion of this Project, Waterway – Dorr Field, approximately 37 miles, in Highlands and DeSoto counties. See also Attachment 1A, Location Map.

Pre-construction clearing is anticipated to begin in January 2025 and the line is expected to be in service by December 2025.

2. Describe direct and indirect adverse environmental effects the activity will cause, including the anticipated amount of loss of wetlands, other special aquatic sites, and other waters expected to result from the activity. Include acres and square feet of impact. If this notice is for a linear project that includes multiple "single and complete projects", include quantity of impact for each single and complete crossing. (see section 3.2.1 of the 404 Handbook):

Please refer to Attachments 10 and 18 for a discussion of impacts associated with the project and the proposed mitigation plan.

3. If the General Permit specifically requires mitigation, or if the proposed activity will result in the loss of more than 1/10 acre of wetlands, describe proposed mitigation measures (see preferential mitigation hierarchy in Rule 62-331.130, F.A.C.). If no mitigation is proposed, explain why the adverse environmental effects are no more than minimal and why compensatory mitigation should not be required. The Agency shall determine if the described mitigation or explanation is appropriate and sufficient.

Please refer to Attachment 18 for a discussion of proposed mitigation for impacts associated with the construction and operation of the proposed project.

4. List any other State 404 Program general permits or individual permits used or intended to be used to authorize any part of the proposed project or any related activity, including, but not limited to other separate and distant crossings for linear projects that require a GP but do not require pre-construction notification:

In addition to Segment 3: Waterway – Dorr Field, State 404 general permits will be also be used on Segment 1: Sweatt – Basinger and Segment 4: Dorr Field – Whidden.

5. Include a delineation of wetlands, other special aquatic sites, and other waters, such as lakes and ponds, and perennial, intermittent, and ephemeral streams, on the project site. Wetland delineations shall be prepared in accordance with Chapter 62-340, F.A.C.

Please refer to Attachment 8 for maps depicting the delineated wetlands and Attachment 18 for delineation methodology and a discussion of mitigation for impacts.

6. Describe any listed species or designated critical habitat that might be affected by, or is in the vicinity of, the proposed activity. Include the name(s) of those listed species or critical habitat areas. Describe any actions proposed to be taken to avoid or minimize adverse effects to listed species.

There is no critical habitat traversed by Segment 3: Waterway – Dorr Field. Please refer to Attachment 11 for a discussion of avoidance and minimization of impacts and to Attachment 12 for a narrative regarding vegetation, wildlife and habitats found within the project area.

7. If the activity might have the potential to cause effects to a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, describe which historic property might have the potential to be affected by the proposed activity and include a vicinity map indicating the location of the historic property (see paragraph 62-331.200(3)(j), F.A.C.)

Please refer to Attachment 13 – Public Interest Test

A cultural resource assessment survey has been completed along the right-of-way in compliance with the requirements of Chapter 267, Florida Statutes and Chapter 1A-46 (Archaeological and Historical Report Standards and Guidelines) in the Florida Administrative Code. The results of this survey have been documented in a report and submitted to the Department of Historical Resources (DHR). No significant resources were identified.

If cultural resource finds are discovered during construction, construction activities will be immediately halted in the vicinity, and DHR will be notified. A determination of the significance of the find will be conducted, as appropriate, and the Florida Power & Light Company will coordinate with DHR to evaluate mitigative measures necessary to protect the area from adverse effects.

8. If the activity will occur in a component of the National Wild and Scenic River System, or is a river officially designated by congress as a “study river” for possible inclusion in the system while the river is in an official study status, identify the Wild and Scenic River or the “study river” (see paragraph 62-331.200(3)(d), F.A.C.) **Not Applicable.**

9. For activities that require permission from the Corps pursuant to 33 U.S.C. 408 because it will alter or temporarily or permanently occupy or use a Corps federally authorized civil works project, include a statement confirming that a written request for section 408 permission has been submitted to the Corps office having jurisdiction over that Corps project. The permittee is responsible for obtaining such permission separately from the Corps. Failure to obtain permission from the Corps may subject you to enforcement action by the Corps.

Segment 3: Waterway – Dorr Field does not require a Section 408 review.

Part 2: Certification

I hereby certify I have read and will conduct the above activities in accordance with the criteria, limitations, and specific conditions of the general permit(s) identified in Part 1 Section A, and in accordance with the general conditions of Rule 62-330.405, and/or 62-331.201, F.A.C., as applicable. Unless otherwise provided in Chapter 62-330, F.A.C., or unless the timeframes in 62-330.402(4), F.A.C. have been waived below, activities conducted pursuant to an ERP general permit may commence thirty (30) days after providing written notice to the Department of Environmental Protection or the Water Management District, along with any required additional documentation which may be required to fulfill the requirements of the general permit, unless the Agency responds that the proposed work does not qualify for a general permit. For State 404 Program general permits that require pre-construction notice under Chapter 62-331, F.A.C., the activity

shall not commence until the permittee receives written confirmation of qualification for the general permit from the Agency. If both an ERP and State 404 Program general permit is required for such projects, the activity shall not commence until thirty (30) days after notice is received by the Agency, or until written confirmation of qualification for the State 404 Program general permit is received by the permittee, whichever is later.

I understand I may have to provide any additional information/data that may be necessary to provide reasonable assurance or evidence that the proposed project will comply with the applicable state water quality standards or other environmental standards both before construction and after the process is completed.

I further acknowledge that work done under the general permit(s) may also require the review and approval of other federal, state, or local agencies, and that commencement of construction before such federal, state, or local agency approvals or permits are obtained may subject me to enforcement action and fines or penalties by such agencies. Further, the work shall be conducted in a manner that does not violate applicable water quality standards.

☐ **By checking this box**, I hereby voluntarily waive, in accordance with subsection 62-330.402(7), F.A.C., the 30-day or 60-day deadline in subsection 62-330.402(4), F.A.C., in the event my project also requires a State 404 Program authorization (other than an exemption) under Chapter 62-331, F.A.C., and request that the agency actions for the ERP general permit and State 404 Program be issued at the same time. (This is strongly recommended to ensure consistency, and to reduce the potential need for project modifications to resolve inconsistencies that may occur when the agency actions for the ERP and State 404 Program are issued at different times). If this box is checked and the Agency(ies) determines that no State 404 Program authorization is required, the Agency(ies) will continue to abide by subsection 62-330.402(4), F.A.C.

Jude Dawson

Typed/Printed Name of Applicant or Agent



Signature of Applicant or Agent

10/9/2023

Date

An Agent May Sign Above If Applicant Completes the Following:

I hereby designate and authorize the agent listed in Item Part 1 Section C to act on my behalf as my agent in the processing of this permit application and to furnish on request, supplemental information in support of the application.

Franck Leblanc

Director, Environmental Services

Typed/Printed Name of Applicant

(And corporate title, if applicable)

Franck Leblanc

Signature of Applicant

Digitally signed by Franck Leblanc
DN: cn=Franck Leblanc, o=Environmental
Services, ou=Florida Power & Light,
email=franck_l_leblanc@fpl.com, c=US
Date: 2023.10.09 16:20:00 -04'00'

10/9/2023

Date

Certification of Sufficient Real Property Interest and Authorization for Staff to Access the Property:

I certify that:

☐ **I possess sufficient real property interest in or control, as defined in Section 4.2.3(d) of Applicant's Handbook Volume I**, over the land upon which the activities described in this application are proposed and I have legal authority to grant permission to access those lands. I hereby grant permission, evidenced by my signature below, for staff of the Agency to access, inspect, and sample the lands and waters of the property as necessary for the review of the proposed works and other activities specified in this application. I authorize these agents or personnel to enter the property as many times as may be

necessary to make such review, inspection, and/ or sampling. Further, I agree to provide entry to the project site for such agents or personnel to monitor and inspect permitted work if a permit is granted.

OR

☒ I represent an entity having **the power of eminent domain and condemnation authority**, and I/we shall make appropriate arrangements to enable staff of the Agency to access, inspect, and sample the property as described above.

Franck Leblanc
Director, Environmental Services
Typed/Printed Name of Applicant
(And corporate title, if applicable)

Franck Leblanc

Digitally signed by Franck Leblanc
DN: cn=Franck Leblanc, o=Environmental
Services, ou=Florida Power & Light,
email=franck_l_leblanc@fpl.com, c=US
Date: 2023.10.09 16:19:38 -04'00'

Signature of Applicant

10/9/2023
Date

Part 3: Submittal

In addition to the information described in this form, any Notice of Intent to use a General Permit must also include the following, as described in Section 4.2.2 of the Applicant's Handbook, Volume I:

- Location map(s) of sufficient detail to allow someone who is unfamiliar with the site to travel to and locate the specific site of the activity.
- One set of plans and drawings, calculations, environmental information, and other supporting documents that clearly and legibly depict and describe the proposed activities in sufficient detail to demonstrate that the work qualifies for the specified General Permit(s).
- The required fee made payable to the appropriate agency.

Fees for the appropriate agency are established in the rules adopted in subsection 62-330.071(1), F.A.C., as listed below:

Rule 62-4.050, F.A.C. (Department of Environmental Protection or the Northwest Florida Water Management District)

Rule 40B-1.706, F.A.C. (Suwannee River Water Management District)

Rule 40C-1.603, F.A.C. (St. Johns River Water Management District)

Rule 40D-1.607, F.A.C. (Southwest Florida Water Management District)

Rule 40E-1.607, F.A.C. (South Florida Water Management District)

Operating Agreements between the Department and the water management districts specify which agency will process any given application. For copies of the operating agreements, go to <https://floridadep.gov/ogc/ogc/content/operating-agreements>

This application form may be submitted online; to do so, follow the on-line submittal requirements of the agency:

- **Florida Department of Environmental Protection:** <http://www.fldeportal.com/go/>
- **Northwest Florida Water Management District:**
<https://permitting.sjrwmd.com/nwepmitting/jsp/start.jsp>
- **Suwannee River Water Management District:**
<https://permitting.sjrwmd.com/srepermitting/jsp/start.jsp>
- **St. Johns River Water Management District:**
<https://permitting.sjrwmd.com/epermitting/jsp/AccountOverview.do?command=init>
- **Southwest Florida Water Management District:**
<http://www.swfwmd.state.fl.us/permits/epermitting/>
- **South Florida Water Management District:** <http://my.sfwmd.gov/ePermitting/MainPage.do>

If submitting a paper application, please see Appendix A of Applicant's Handbook, Volume I for submittal locations.

Table of Contents

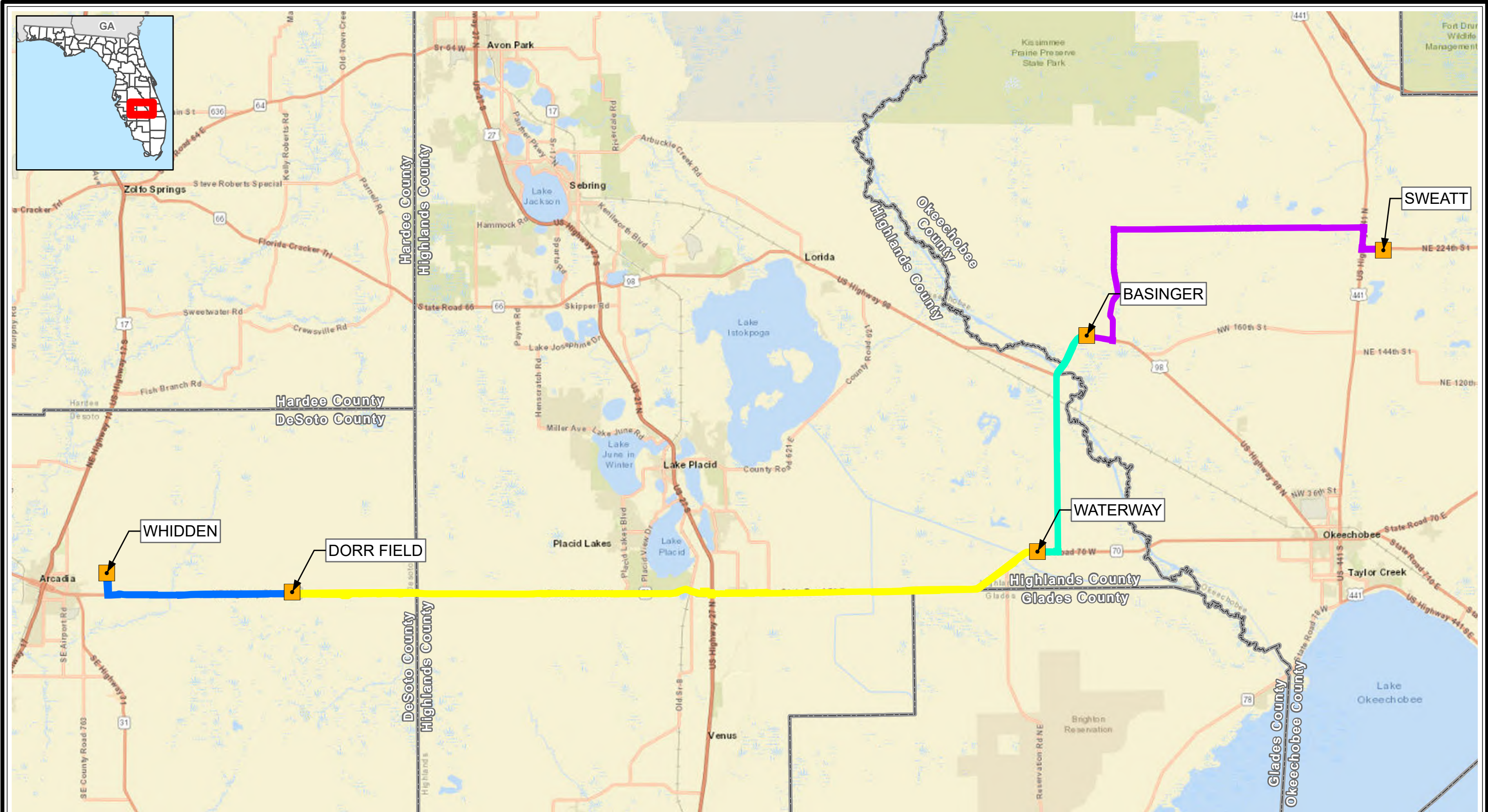
Attachments

Attachment 1/1A	Location Map (overall, depicting project phases)
Attachment 2	Section, Township, Range Map
Attachment 3	Section, Township, Range List
Attachment 4	Parcel Table
Attachment 5	State Lands Determination of Waterbodies Crossed
Attachment 6	Typical Drawings
Attachment 6A	Project Description and Construction Methods
Attachment 10	Impacts Table and Functional Loss Calculations
Attachment 11	Reduction of Impacts Narrative
Attachment 12	Fish, Wildlife, Listed Species and Their Habitats
Attachment 12A	Threatened and Endangered Species Locations
Attachment 13	Public Interest Test
Attachment 13A	Public Water Supply Exhibit
Attachment 14	Stages of Construction Graphic
Attachment 15	Uniform Mitigation Assessment Method Forms
Attachment 18	Mitigation Plan

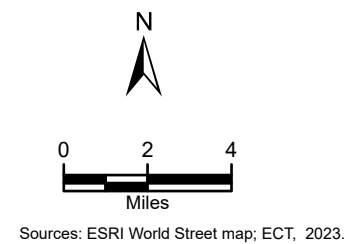
Attachment 1/1A

project phases)

Location Map (overall, depicting

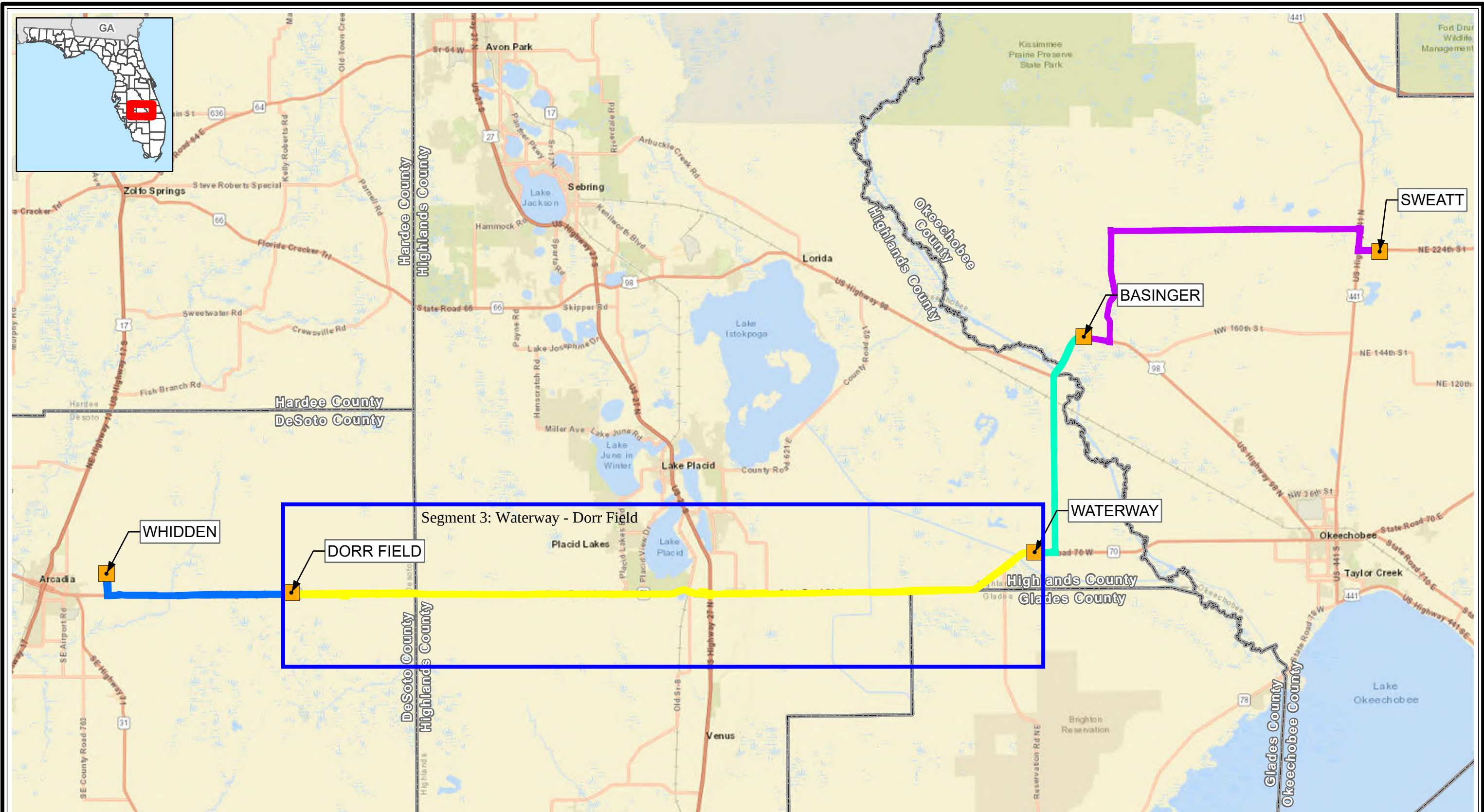


- Legend**
- Existing Substation
 - Segment 1: Sweatt-Basinger
 - Segment 2: Basinger-Waterway
 - Segment 3: Waterway-Dorr Field
 - Segment 4: Dorr Field-Whidden

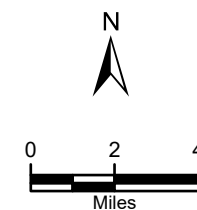


Attachment 1
Segment 3: Waterway - Dorr Field
Location Map
Sweatt-Whidden Transmission Line
Desoto/Glades/Highlands/Okeechobee Counties, Florida





- Legend**
- Existing Substation
 - Segment 1: Sweatt-Basinger
 - Segment 2: Basinger-Waterway
 - Segment 3: Waterway-Dorr Field
 - Segment 4: Dorr Field-Whidden



Sources: ESRI World Street map; ECT, 2023.

Attachment 1A
Segment 3: Waterway - Dorr Field
Location Map
Sweett-Whidden Transmission Line
Desoto/Glades/Highlands/Okeechobee Counties, Florida

ECT

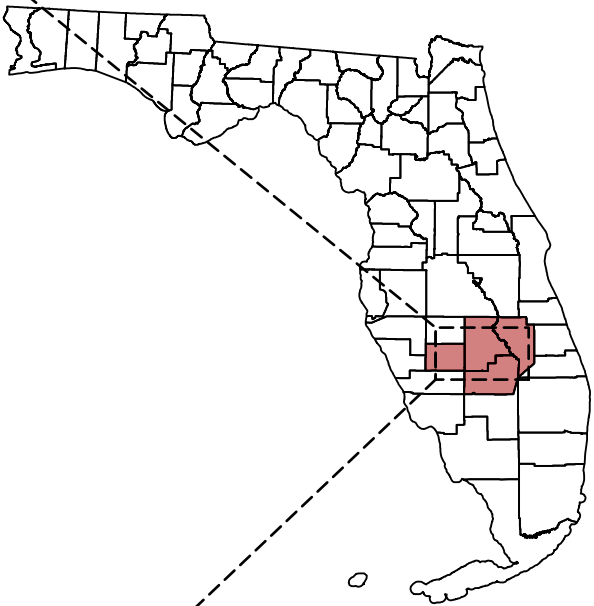
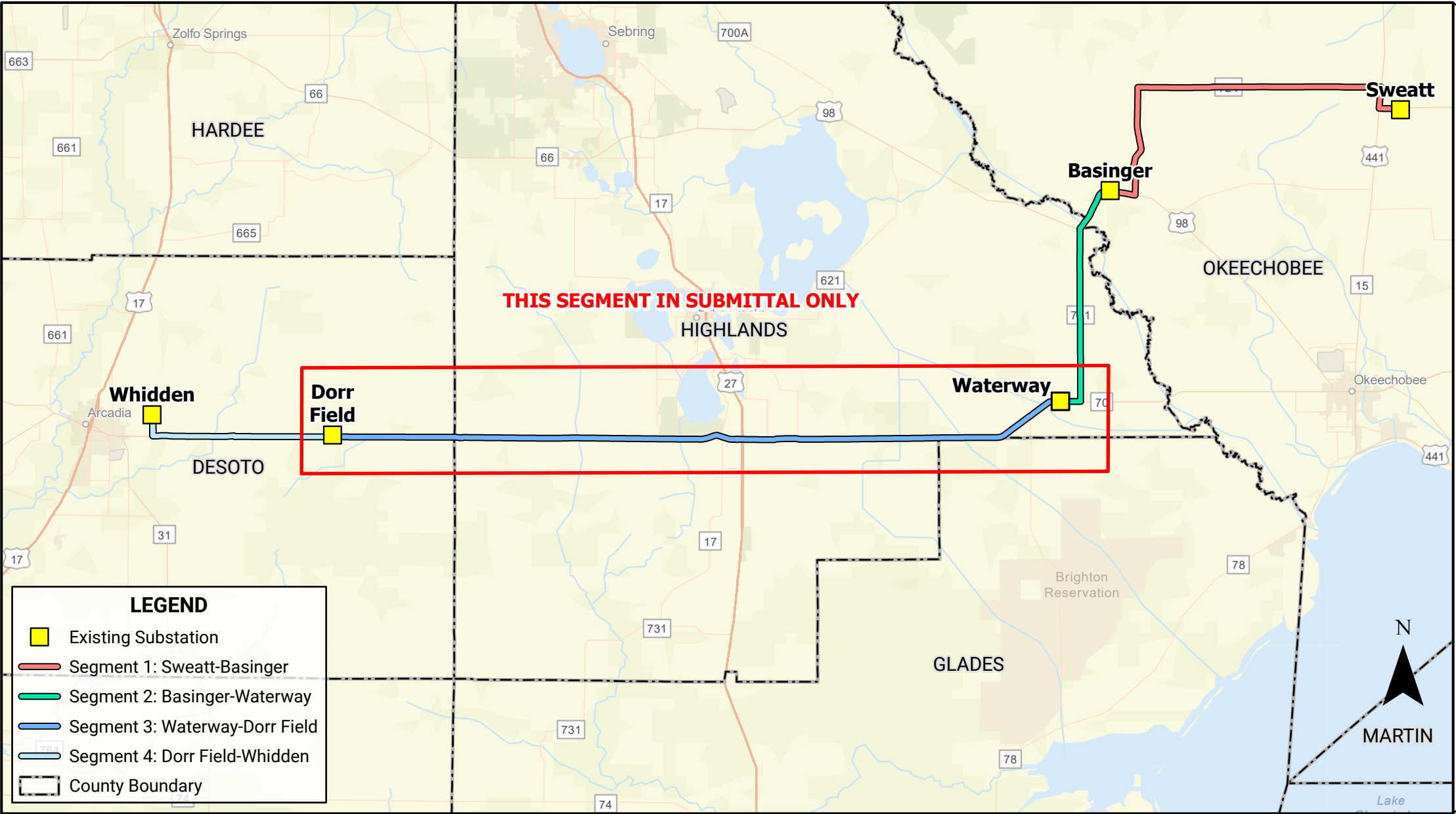
Attachment 4 Parcel Table

Attachment 4: Waterway - Dorr Field Parcel Table				
Parcel ID	Owner Name	Physical Address	Zip Code	County Name
313727000000200000	LLANO RANCHES LP	NE HWY 70	34266	DESOTO
313727000000300000	TIITF/DEPT OF CORRECTIONS	NE HWY 70	34266	DESOTO
323727000000200000	LLANO RANCHES LP	NE HWY 70	34266	DESOTO
333727000000300000	LLANO RANCHES LP	NE HWY 70	34266	DESOTO
343727000000300000	LLANO RANCHES LP	NE HWY 70	34266	DESOTO
353727000000300000	LLANO RANCHES LP	NE HWY 70	34266	DESOTO
363726000000100000	TIITF/DEPT OF CORRECTIONS	SE HWY 70	34266	DESOTO
363726000000120000	FLORIDA POWER & LIGHT CO	12942 NE HWY 70	34266	DESOTO
363727000000100000	LLANO RANCHES LP	NE HWY 70	34266	DESOTO
363727000000400000	HVC LAND INC	NE HWY 70	34266	DESOTO
A043832A0000300000	D O T/STATE OF FLORIDA		33852	GLADES
A063832A0000300000	D O T/STATE OF FLORIDA		33852	GLADES
C353730A0000920000	PALACIOS TEODULO GOMES + BONIF	1320 SR 70 E	33852	HIGHLANDS
C353730A0000800000	PRESCOTT NORMAN BRUCE +	20 HALL RD	33852	HIGHLANDS
C353730A0000700000	WINDLAND LARRY	1556 SR 70 E	33852	HIGHLANDS
C353730A0000600000	GRIFFIN TREES INC +	845 SR 70 W	33852	HIGHLANDS
C353730A0001600000	PINDAR ACQUISITIONS LLC	1470 SR 70 E	33852	HIGHLANDS
C35373001000300000	SAPP JESSE E	2071 CR 29	33852	HIGHLANDS
C35373002000100000	NIELANDER WILLIAM J + PAMELA A	500 BEAR RD	33852	HIGHLANDS
C35373002001300000	ZAHN WAYNE C + KRISTY L	415 BEAR LN	33852	HIGHLANDS
C353730A0000100000	PINDAR ACQUISITIONS LLC	1420 SR 70 E	33852	HIGHLANDS
C33373004000000950	ALPINE VILLAGE ROC INC	18 CENTER ST	33852	HIGHLANDS
C33373004000000010	ALPINE VILLAGE ROC INC	19 CENTER ST	33852	HIGHLANDS
C33373004000000040	ALPINE VILLAGE ROC INC	2 NORTH EDGE DR	33852	HIGHLANDS
C35373002001100000	TUROFF STEVEN A + MARIANNA SUS	501 BEAR RD	33852	HIGHLANDS
C22373060000100090	RAMIREZ JAIME M +	119 FLAGLER ST	33852	HIGHLANDS
C22373060000100080	LEAL HERRERA ANTONIO J	115 FLAGLER ST	33852	HIGHLANDS
C22373060000100070	BURGOS PASTOR + MARIA C	113 FLAGLER ST	33852	HIGHLANDS
C22373060000100040	DAVIDSON BLANE + SHARON A	109 FLAGLER ST	33852	HIGHLANDS
C22373060000100030	SHAMAH SALLY TRUSTEE	105 FLAGLER ST	33852	HIGHLANDS
C22373060000100020	SANTANA MERCED +	103 FLAGLER ST	33852	HIGHLANDS
C22373060000100010	BARAJAS CHAVEZ JESUS + MARIA	101 FLAGLER ST	33852	HIGHLANDS
C22373060000400130	GARCIA RAMOND	103 DADE AVE	33852	HIGHLANDS
C22373060000400120	GUETTLER HOLDINGS LLC	223 FLAGLER ST	33852	HIGHLANDS
C22373060000400110	GUETTLER HOLDINGS LLC	221 FLAGLER ST	33852	HIGHLANDS
C22373060000400090	ALONSO ANGEL	215 FLAGLER ST	33852	HIGHLANDS
C22373060000400080	OMAIR ALI	211 FLAGLER ST	33852	HIGHLANDS
C22373060000400070	LAMBERT JEAN SONY	209 FLAGLER ST	33852	HIGHLANDS
C22373060000400060	GARCIA RAMOND	207 FLAGLER ST	33852	HIGHLANDS
C313730A0000120000	YOUNGMAN FRANK C + RITA M	1800 SR 70 W	33852	HIGHLANDS
C33373004000000020	WISE WALTER G + SHIRLEY A	21 CENTER ST	33852	HIGHLANDS
C33373002000A00010	SMOAK CITRUS DEVELOPMENT PRTSP	196 SR 70 W	33852	HIGHLANDS
C333730A0000100000	HEARTLAND PARK LLC	115 MYERS RD	33852	HIGHLANDS
C33373002000B00060	DBNCH CIRCLE LLC	2742 US 27 S	33852	HIGHLANDS
C18373001013730000	2901 OLD STATE ROAD 8 LLC	2901 OLD SR 8	33852	HIGHLANDS
C323730A0000610000	EISENHART MICHAEL L	767 SR 70 W	33852	HIGHLANDS
C323730A0000130000	PAI LAKE PLACID GROVES LLC		33852	HIGHLANDS
C323730A0000110000	ARTEMIS OF NAPLES LLC	3109 OLD SR 8	33852	HIGHLANDS
C323730A0000200000	GLADES ELECTRIC COOPERATIVE I	214 SR 70 W ADMIN	33852	HIGHLANDS
C323730A0000600000	E'HARTS NURSERY AND	851 SR 70 W	33852	HIGHLANDS
C333730A0000120000	MCDUGALD JEFFREY + NANCY	300 SR 70 E	33852	HIGHLANDS
C323730A0000300000	E'HARTS NURSERY +	2806 OLD SR 8 HOUSE	33852	HIGHLANDS
C323730A0000700000	E'HARTS NURSERY + LANDSCAPING	713 SR 70 W	33852	HIGHLANDS
C33373002000C00010	LINDNER MARK L TR +	2741 US 27 S	33852	HIGHLANDS
C22373060000400050	THOMAS TROYLE	205 FLAGLER ST	33852	HIGHLANDS
C22373060000400040	TRUJILLO MARIA ISABEL MENDOZA	203 FLAGLER ST	33852	HIGHLANDS
C22373060000400030	PAONE NICK + ETHEL	201 FLAGLER ST	33852	HIGHLANDS
C22373060000400020	KLEMENCIC JOSEPH	199 FLAGLER ST	33852	HIGHLANDS
C22373060000400010	BOLOGNA ARNO	101 CITRUS BLVD	33852	HIGHLANDS
C22373060000300110	GUZMAN TORRES ISMAEL	187 FLAGLER ST	33852	HIGHLANDS
C22373060000300020	KARLSSON DANIEL STAFFAN ALDOR	165 FLAGLER ST	33852	HIGHLANDS
C22373060000300010	MPCSP INC	101 HIGHLANDS BLVD	33852	HIGHLANDS
C22373060000200130	SANYET ESMERALDO JR +	100 HIGHLANDS BLVD	33852	HIGHLANDS
C22373060000200120	GIVOLY INVESTMENTS LLC	157 FLAGLER ST	33852	HIGHLANDS
C22373060000200110	JOAQUIN GUADALUPE GOMEZ	155 FLAGLER ST	33852	HIGHLANDS
C22373060000200100	BROWNE NORAH J	153 FLAGLER ST	33852	HIGHLANDS
C22373060000200090	POORAN SEWRAM + PAMALA	151 FLAGLER ST	33852	HIGHLANDS
C22373060000200080	VAZQUEZ HECTOR +	149 FLAGLER ST	33852	HIGHLANDS
C22373060000300130	ENRIQUEZ-POLANCO ENRIQUE	100 CITRUS BLVD	33852	HIGHLANDS

Attachment 4: Waterway - Dorr Field Parcel Table				
Parcel ID	Owner Name	Physical Address	Zip Code	County Name
C22373060000300120	AGREN STIG ANDERS	189 FLAGLER ST	33852	HIGHLANDS
C22373060000300090	FERNANDEZ BJERG JORGE LUIS ET	183 FLAGLER ST	33852	HIGHLANDS
C22373060000300080	LOPEZ-BLANCO ENRIQUE	179 FLAGLER ST	33852	HIGHLANDS
C22373060000300070	GUERRERO DAVID A	177 FLAGLER ST	33852	HIGHLANDS
C253732A0000100000	SEMINOLE ELECTRIC	21601 SR 70 E	34974	HIGHLANDS
C333731A0000100000	PREMIER CITRUS LLC	3800 SR 70 E	33852	HIGHLANDS
C333731A0000110000	AGRA PRODUCTS LLC	3700 SR 70 E	33852	HIGHLANDS
C363731A0000200000	WOERNER SOUTH INC	4200 SR 70 E	33852	HIGHLANDS
C363731A0000100000				HIGHLANDS
C323731A0000100000	JOHN JULIA A TRUST	2370 SR 70 E	33852	HIGHLANDS
C323731A0000200000	HERITAGE AG LLC +	2332 SR 70 E	33852	HIGHLANDS
C323731A0000300000	MACHADO FAMILY LIMITED	121 DENCO RD PUMP	33852	HIGHLANDS
C323728A0000100000	HIGHLANDS COUNTY BOARD OF CNTY	13255 SR 70 W	33852	HIGHLANDS
C023728A0000300000	ARNOLD SARLO + RICHARD CUDA	14556 SR 70 W EMBARQ TOWER	33852	HIGHLANDS
C263728A0000100000	CARLTON DOYLE E III LLC	10078 SR 70 W	33852	HIGHLANDS
C35373001000400000	SAPP JESSE E	2085 CR 29	33852	HIGHLANDS
C363730A0000200000	SCARBOROUGH JACK	1860 SR 70 E	33852	HIGHLANDS
C343731A0000100000	PREMIER CITRUS LLC	4000 SR 70 E	33852	HIGHLANDS
C353730A0000400000	PEARCE JOSEPH +	29 HALL RD	33852	HIGHLANDS
C323730A0000100000	PAI LAKE PLACID GROVES LLC	913 SR 70 W	33852	HIGHLANDS
C063730A0000200000	SOUTH CENTRAL FLA EXPRESS INC		33852	HIGHLANDS
C053830A0001100000	HOWARD FERTILIZER + CHEMICAL	12538 DISTRIBUTION BLVD	33852	HIGHLANDS
C33373003001500010	JINRIGHT BRENDA LEE	24 EKHOFF LN	33852	HIGHLANDS
C33373003001600000	DRIGGERS HARDIE B TR +	23 EKHOFF LN	33852	HIGHLANDS
C013732A0000100000	LYKES BROS INC	21653 SR 70 E	34974	HIGHLANDS
C263732A0000100000				HIGHLANDS
C273729A0000100000	TIITF/FWCC	9501 PLACID LAKES BLVD	33852	HIGHLANDS
C313731A0000100000	SCARBOROUGH + SONS	2246 SR 70 E	33852	HIGHLANDS
C33373004000A00000	INFORMATION ITEM	18 CENTER ST	33852	HIGHLANDS
C22373060000300060	MARTINEZ LUIS FUSSA	175 FLAGLER ST	33852	HIGHLANDS
C22373060000300050	LATIN AMERICAN INVESTORS CORP	173 FLAGLER ST	33852	HIGHLANDS
C22373060000300040	BARROSO BRUNILDA LOPEZ	171 FLAGLER ST	33852	HIGHLANDS
C22373060000300030	ADOLFO JARAMILLO GUSTAVO	167 FLAGLER ST	33852	HIGHLANDS
C22373060000200070	SMITH PERRY + JULLET	145 FLAGLER ST	33852	HIGHLANDS
C22373060000200060	MARTIN LOCKSLEY + IMOGENE	143 FLAGLER ST	33852	HIGHLANDS
C22373060000200050	PURAN CHANDNI	141 FLAGLER ST	33852	HIGHLANDS
C22373060000200040	LEON-NUNEZ ARMANDO +	139 FLAGLER ST	33852	HIGHLANDS
C22373060000200030	PEREZ-BRAVO CARMELA	137 FLAGLER ST	33852	HIGHLANDS
C22373060000200020	VIEROS NORMA A	135 FLAGLER ST	33852	HIGHLANDS
C22373060000200010	PELLOT-PEREZ JUAN M	101 BROWARD AVE	33852	HIGHLANDS
C22373060000100130	NAJUL BEZ ELIAS	100 BROWARD AVE	33852	HIGHLANDS
C22373060000100120	CASTRO CESAR B CAAMANO	125 FLAGLER ST	33852	HIGHLANDS
C22373060000100110	VIVEROS NORMA A + JOEL	123 FLAGLER ST	33852	HIGHLANDS
C22373060000100100	GARCIA-RIOS MIGUEL A	121 FLAGLER ST	33852	HIGHLANDS
C313730A0000200000	ARCHOLD EXPEDITIONS	1851 SR 70 W	33852	HIGHLANDS
C1837300100AA00000	PAI LAKE PLACID GROVES LLC	3000 OLD SR 8	33852	HIGHLANDS
C353731A0000100000	PREMIER CITRUS LLC	4746 SR 70 E	33852	HIGHLANDS
C273732A0000100000				HIGHLANDS
C013728A0000100000	CARLTON DOYLE E III LLC	9986 SR 70 W	33852	HIGHLANDS
C353732A0000100000				HIGHLANDS
C363730A0000100000	SCARBOROUGH + SONS	1952 CR 29 E	33852	HIGHLANDS
C3337300400000RV27	ALPINE VILLAGE ROC INC	27 CENTER ST	33852	HIGHLANDS
C3337300400000RV25	ALPINE VILLAGE ROC INC	25 CENTER ST	33852	HIGHLANDS
C3337300400000RV23	ALPINE VILLAGE ROC INC	23 CENTER ST	33852	HIGHLANDS
C35373203000100010				HIGHLANDS
C18373001015000000	BLACK BEAR CITRUS LLC	25 PUMP RD	33852	HIGHLANDS
C063729A0000100000	ROMAN III RANCH LLC	13128 DEXTER AVE	33852	HIGHLANDS
C313729A0000100000	CARLTON DOYLE E III LLC	30 ROBERT MCGEE RD	33852	HIGHLANDS
C313730A0000500000	ARCHBOLD EXPEDITIONS	1803 SR 70 W	33852	HIGHLANDS
C263729A0000100000	TIITF/FWCC	4000 SR 70 W	33852	HIGHLANDS

Attachment 6 Typical Drawings

Sweatt to Whidden 230kV Transmission Line - TA22-19
Attachments
Segment 3: Waterway - Dorr Field



PROJECT LOCATION

GLADES COUNTY
OKEECHOBEE COUNTY
DESOTO COUNTY
HIGHLANDS COUNTY



PICKETT AND ASSOCIATES, LLC

5010 West Nassau St. Tampa, FL 33607

MICHAEL K. LEAHY P.E. #45287

1. This document has been digitally signed and sealed by Michael K. Leahy, P.E., P.S.M. on the date above.
2. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

0	8/29/2023	ISSUED FOR PERMIT SUBMITTAL	ANG	BJW	BJW
REV	DATE	DESCRIPTION	BY	CKD	APP

FLORIDA POWER & LIGHT COMPANY

Sweatt-Whidden TLISA Project, TA22-19

SCALE: NTS
DRAWN BY: ANG
ENGINEER: MKL
COUNTY: DESOTO, GLADES, HIGHLANDS,
OKEECHOBEE

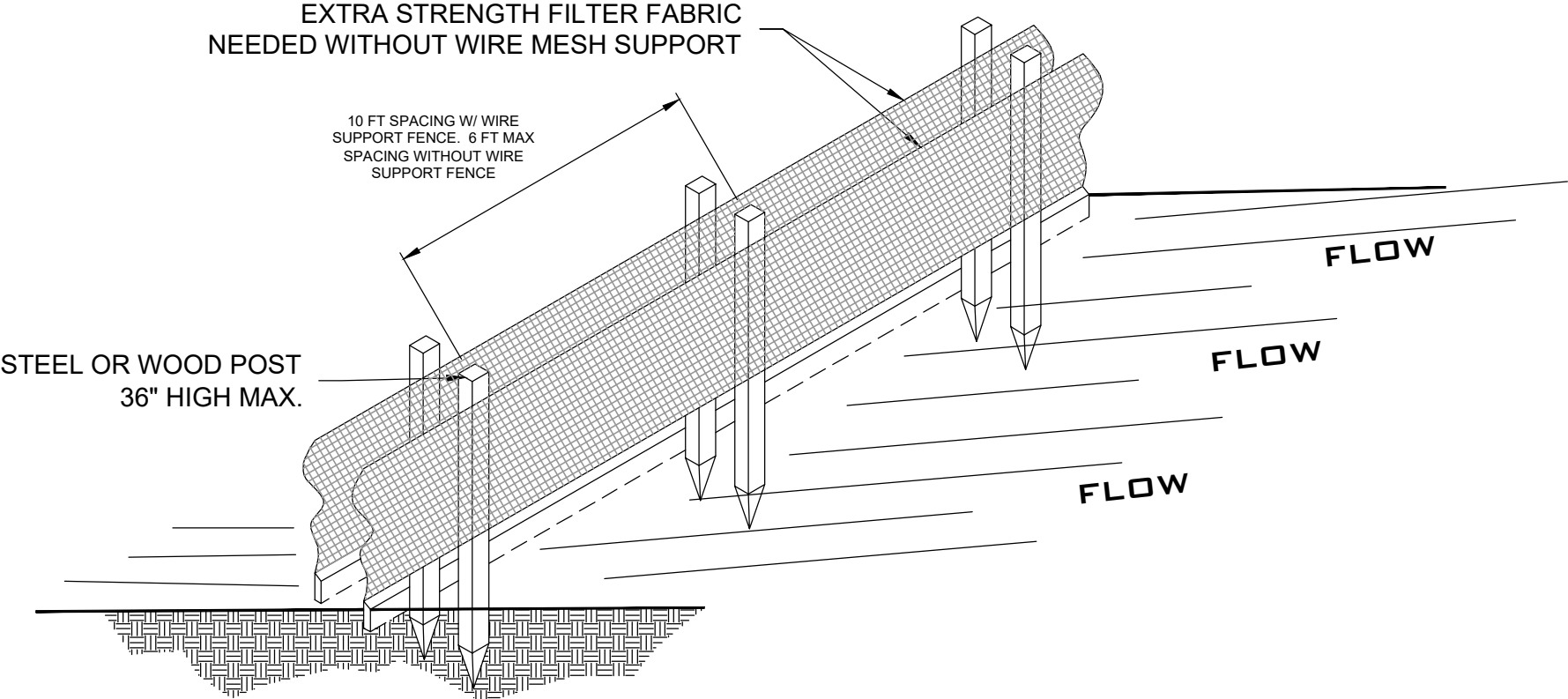
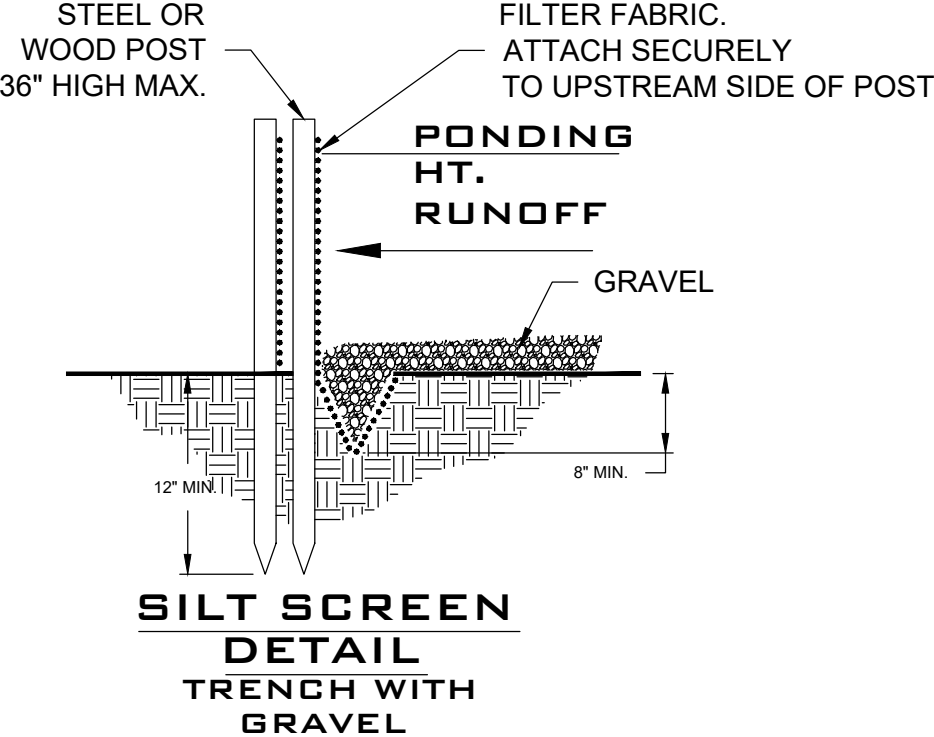
DATE: 8/29/2023
CHECKED BY: BJW
SECTION: AS SHOWN
COVER SHEET



PROPOSED SWEATT - WHIDDEN 230KV LINE
SEGMENT 3: WATERWAY - DORR FIELD
ATTACHMENTS

EROSION CONTROL DETAILS

C.1



- NOTES:
- 1. THE STRAW BALES SHALL BE PLACED ON SLOPE CONTOUR.
 - 2. BALES TO BE PLACED IN A ROW WITH THE ENDS TIGHTLY ABUTTING. USE STRAW, ROCKS AND/OR FILTER FABRIC TO FILL GAPS BETWEEN THE BALES AND TAMP THE BACKFILL MATERIAL TO PREVENT EROSION OR FLOW AROUND BALES.
 - 3. DURING CONSTRUCTION, SILT SCREENS WILL BE INSTALLED AROUND, WITHIN, OR IN PROXIMITY TO A JURISDICTIONAL AREA.

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FLORIDA POWER & LIGHT COMPANY

SCALE: NTS
DRAWN BY: ANG
ENGINEER: MKL
COUNTY: OKEECHOBEE
SHEET 1 OF 5

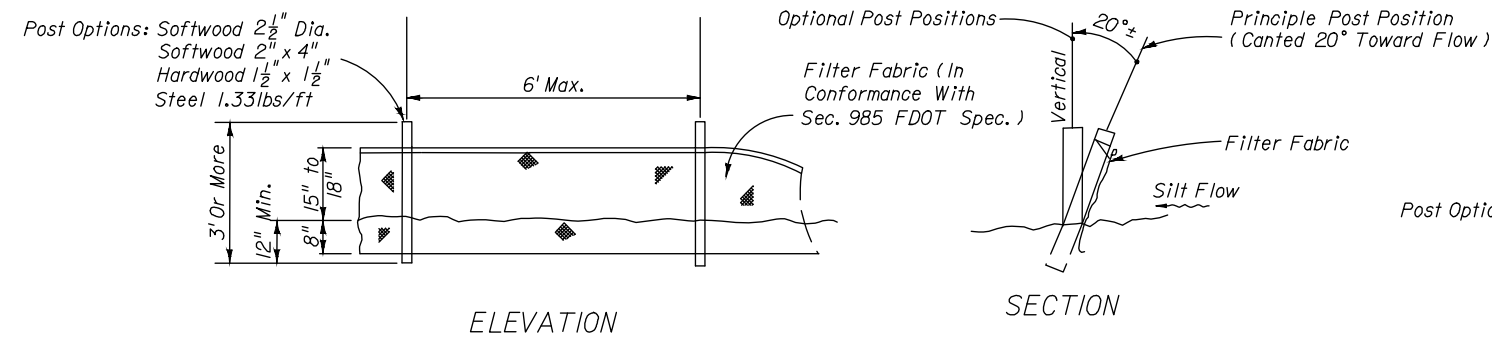
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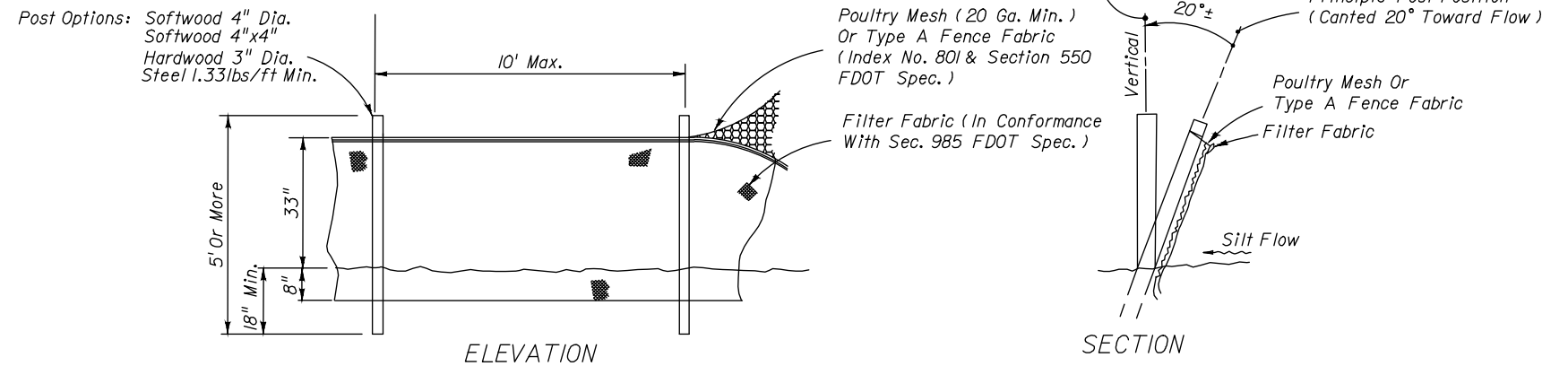
Sweatt-Whidden TLSA Project, TA22-19

BEST MANAGEMENT PRACTICES
EROSION CONTROL

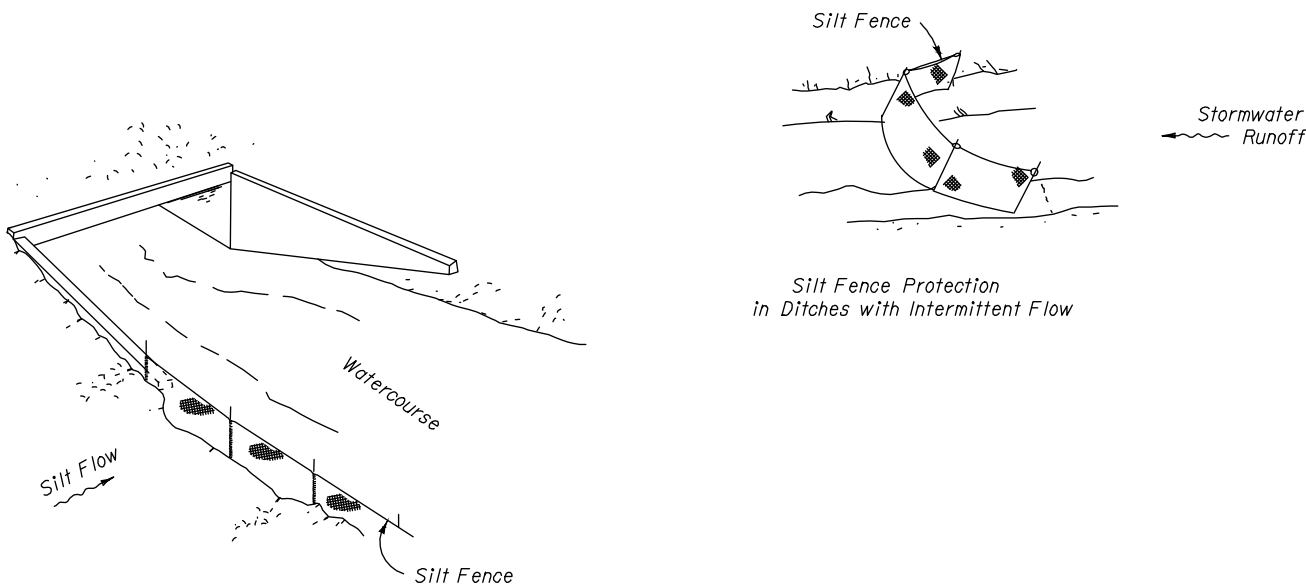
C.1



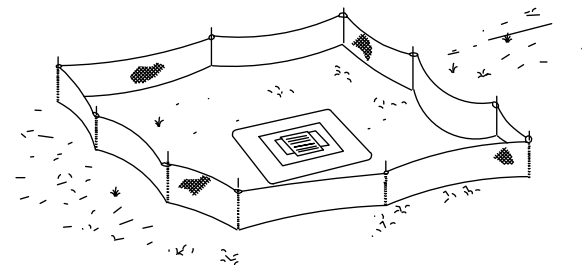
TYPE III SILT FENCE



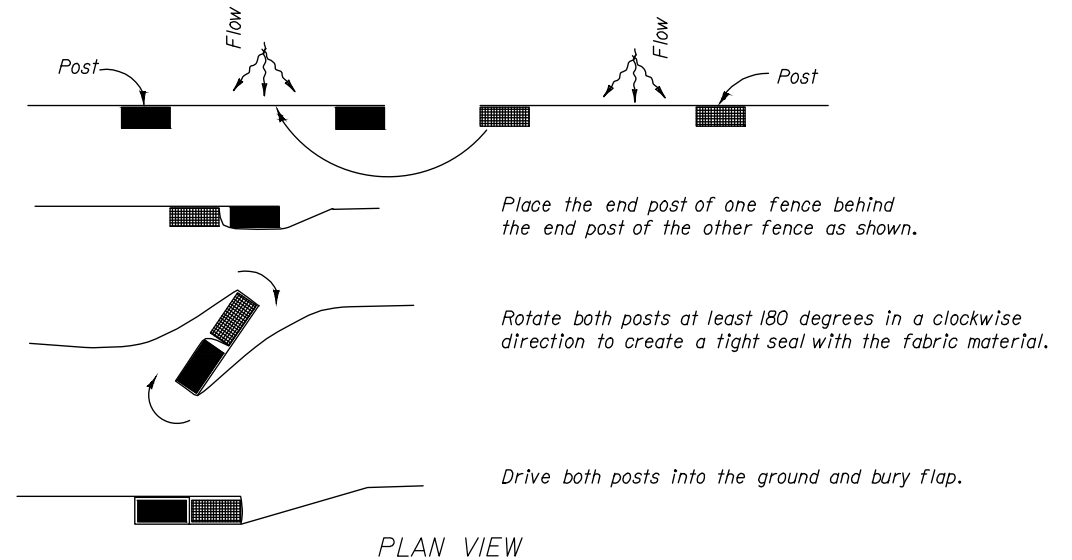
TYPE IV SILT FENCE



Silt Fence Protection in Ditches with Intermittent Flow



Silt Fence Protection Around Ditch Bottom Inlets.



JOINING TWO SILT FENCES

SILT FENCE APPLICATIONS

NOTES FOR SILT FENCES

1. Type III Silt Fence to be used at most locations. Where used in ditches, the spacing for Type III Silt fence shall be in accordance with Chart I, Sheet I.
2. Type IV Silt Fence to be used where large sediment loads are anticipated. Suggested use is where fill slope is 1:2 or steeper and length of slope exceeds 25 feet. Avoid use where the detained water may back into travel lanes or off the right of way.
3. Do not construct silt fences across permanent flowing watercourses. Silt fences are to be at upland locations and turbidity barriers used at permanent bodies of water.
4. Where used as slope protection, Silt Fence is to be constructed on 0% longitudinal grade to avoid channelizing runoff along the length of the fence.
5. Silt Fence to be paid for under the contract unit price for Staked Silt Fence, (LF).

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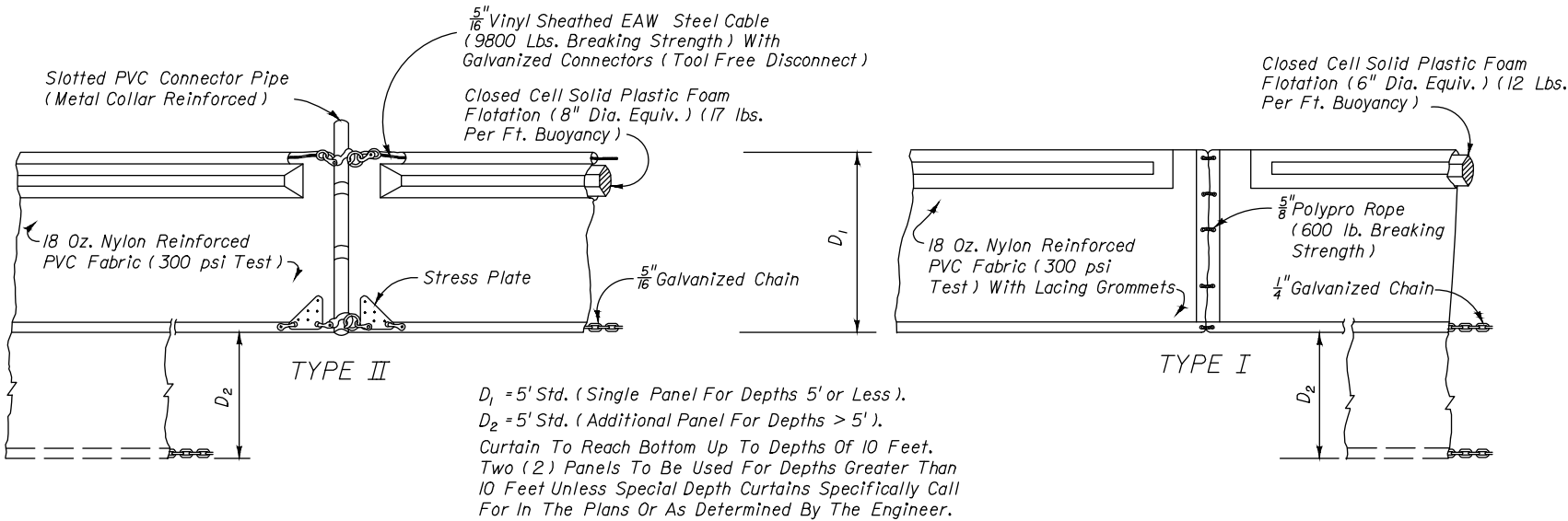
Sweatt-Whidden TLSA Project, TA22-19

SCALE: NTS
DRAWN BY: ANG
ENGINEER: MKL
COUNTY: OKEECHOBEE
SHEET 2 OF 5

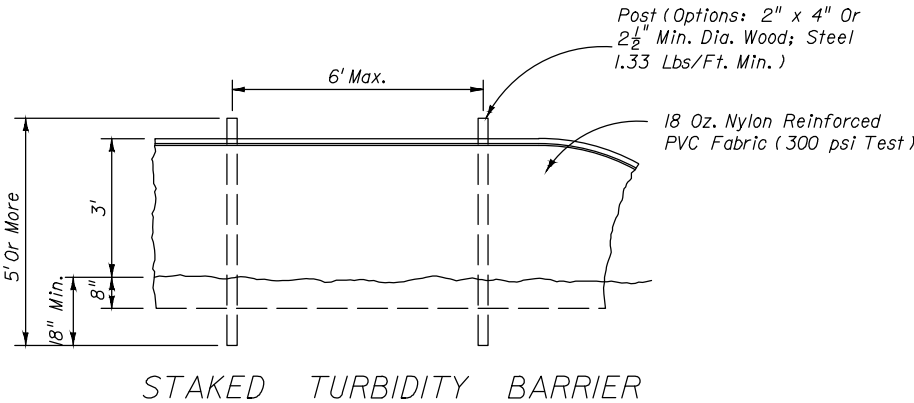
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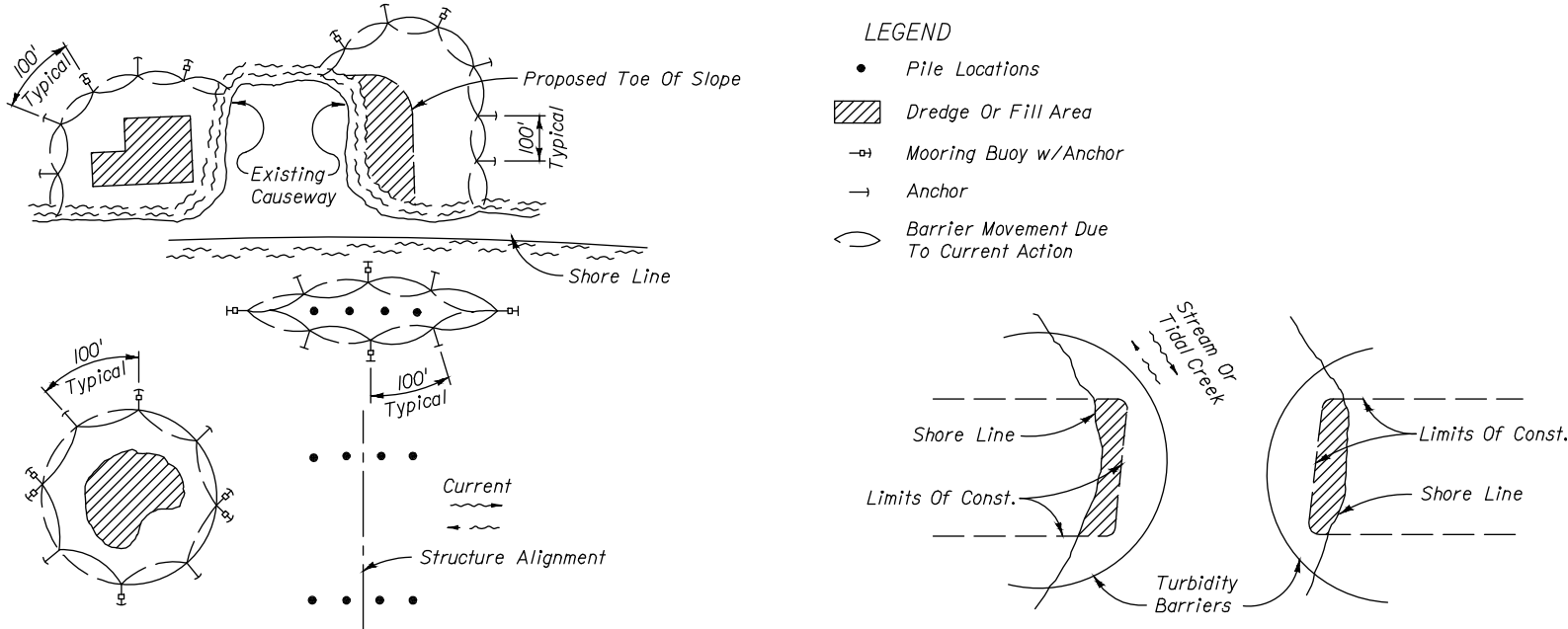
BEST MANAGEMENT PRACTICES
EROSION CONTROL



NOTICE: COMPONENTS OF TYPES I AND II MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES I AND II SHALL BE AS APPROVED BY THE ENGINEER.



FLOATING TURBIDITY BARRIERS



- NOTES:
1. Turbidity barriers are to be used in all permanent bodies of water regardless of water depth.
 2. Number and spacing of anchors dependent on current velocities.
 3. Deployment of barrier around pile locations may vary to accommodate construction operations.
 4. Navigation may require segmenting barrier during construction operations.
 5. For additional information see Section 104 of the Standard Specifications.

Note:
Turbidity barriers for flowing streams and tidal creeks may be either floating, or staked types or any combinations of types that will suit site conditions and meet erosion control and water quality requirements. The barrier type(s) will be at the Contractors option unless otherwise specified in the plans, however payment will be under the pay item(s) established in the plans for Floating Turbidity Barrier and/or Staked Turbidity Barrier. Posts in staked turbidity barriers to be installed in vertical position unless otherwise directed by the Engineer.

GENERAL NOTES

1. Floating turbidity barriers are to be paid for under the contract unit price for Floating Turbidity Barrier, LF.
2. Staked turbidity barriers are to be paid for under the contract unit price for Staked Turbidity Barrier, LF.

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FLORIDA POWER & LIGHT COMPANY Sweatt-Whidden TLSA Project, TA22-19

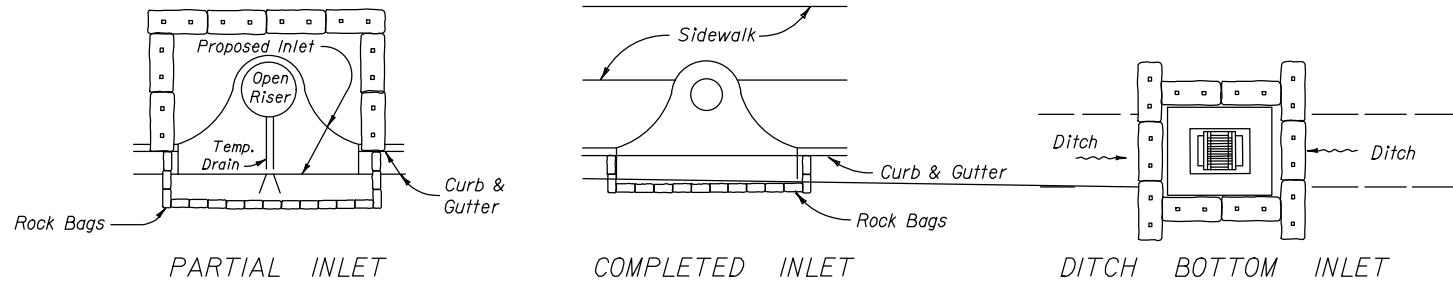
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ENGINEER: MKL
COUNTY: OKEECHOBEE
SHEET 3 OF 5

DATE: 8/29/2023
CHECKED BY: BJW
SECTION: AS SHOWN

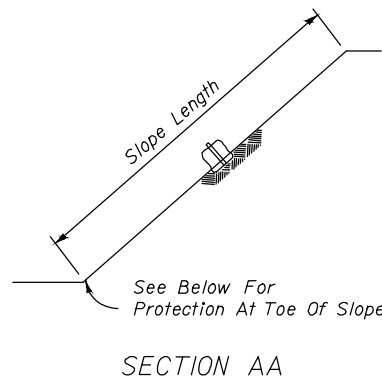


BEST MANAGEMENT PRACTICES
EROSION CONTROL

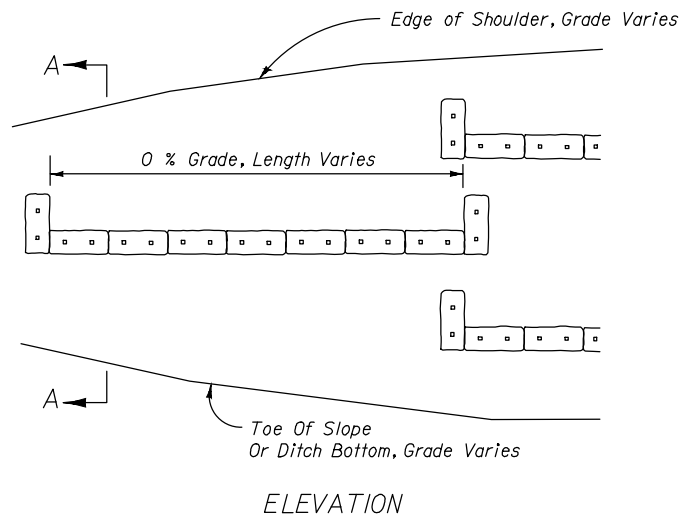
TURBIDITY BARRIER APPLICATIONS



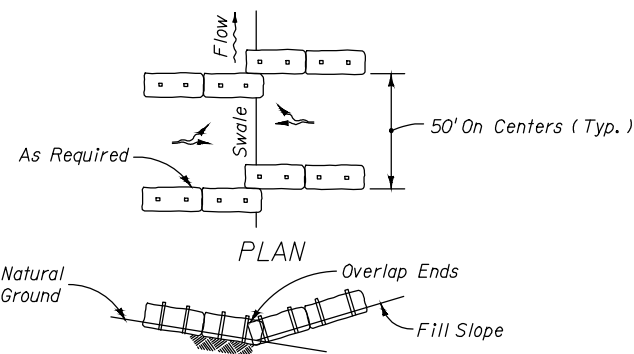
PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



Note:
Where the slope length exceeds 25 feet,
construct one row of bale barriers at 0% longitudinal
grade midway up the slope. Construct two rows of
bale barriers where the slope length exceeds 50 feet.

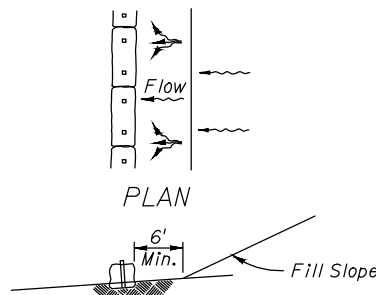


ALONG FILL SLOPE



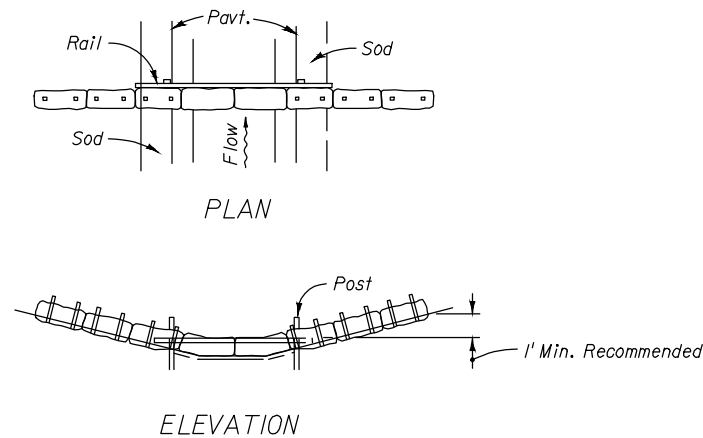
TO BE USED WHERE THE NATURAL GROUND
SLOPES TOWARD THE TOE OF SLOPE

AT TOE OF SLOPE

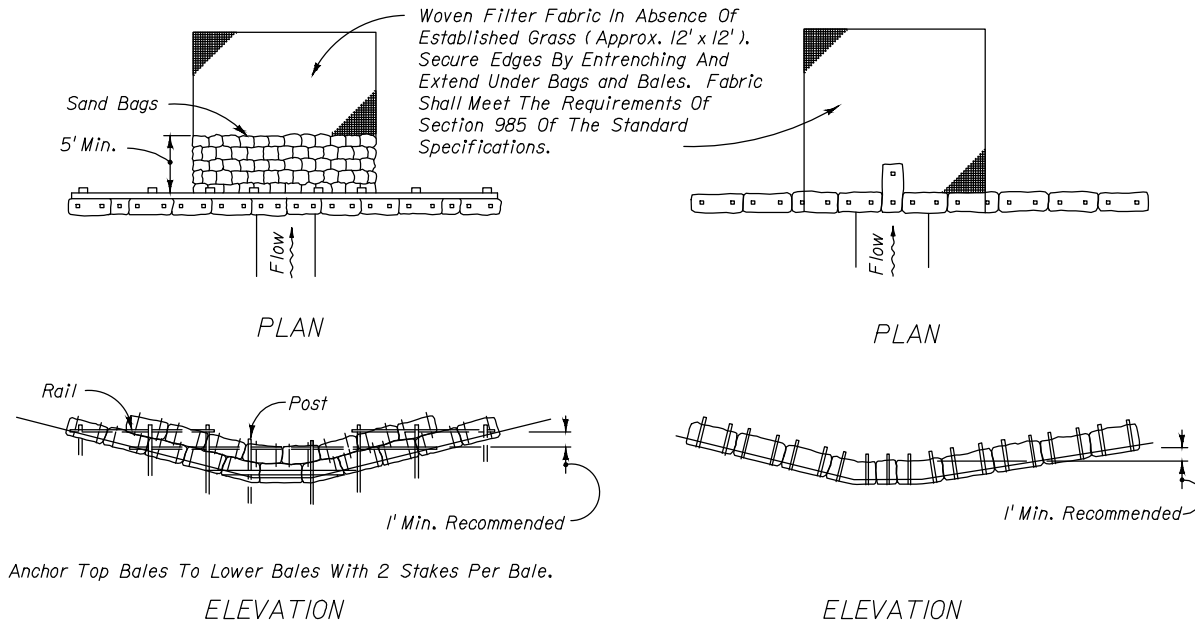


TO BE USED WHERE THE NATURAL GROUND
SLOPES AWAY FROM THE TOE OF SLOPE

BARRIERS FOR FILL SLOPES



BARRIER FOR PAVED DITCH



TYPE II
TYPE I
BARRIERS FOR UNPAVED DITCHES

NOTES FOR BALED HAY OR STRAW BARRIERS

1. Type I and II Barriers should be spaced in accordance with Chart 1, Sheet 1.
2. Hay bales shall be trenched 3" to 4" and anchored with 2 - 1" x 2" (or 1" dia.) x 4' wood stakes. Stakes of other material or shape providing equivalent strength may be used if approved by the Engineer. Stakes other than wood shall be removed upon completion of the project.
3. Rails and posts shall be 2" x 4" wood. Other materials providing equivalent strength may be used if approved by the Engineer.
4. Adjacent bales shall be butted firmly together. Unavoidable gaps shall be plugged with hay or straw to prevent silt from passing.
5. Where used in conjunction with silt fence, hay bales shall be placed on the upstream side of the fence.
6. Bales to be paid for under the contract unit price for Baled Hay or Straw, EA. The unit price shall include the cost of filter fabric for Type I and II Barriers. Sand bags shall be paid for under the unit price for Sandbagging, CY. Rock bags to be paid for under the contract unit price for Rock Bags, EA.

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FLORIDA POWER & LIGHT COMPANY

Sweatt-Whidden TLSA Project, TA22-19

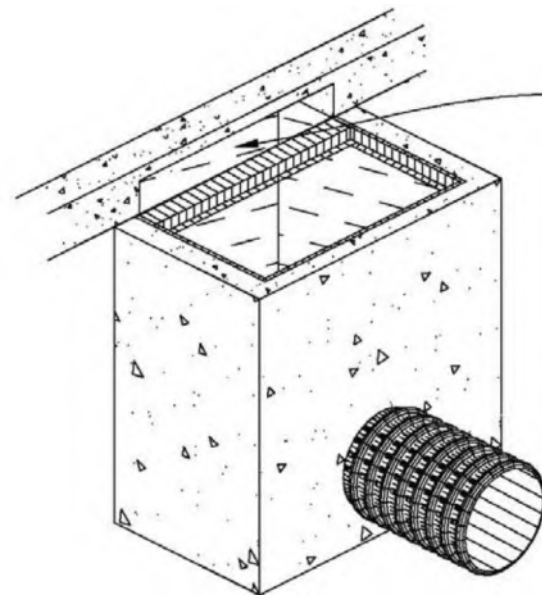
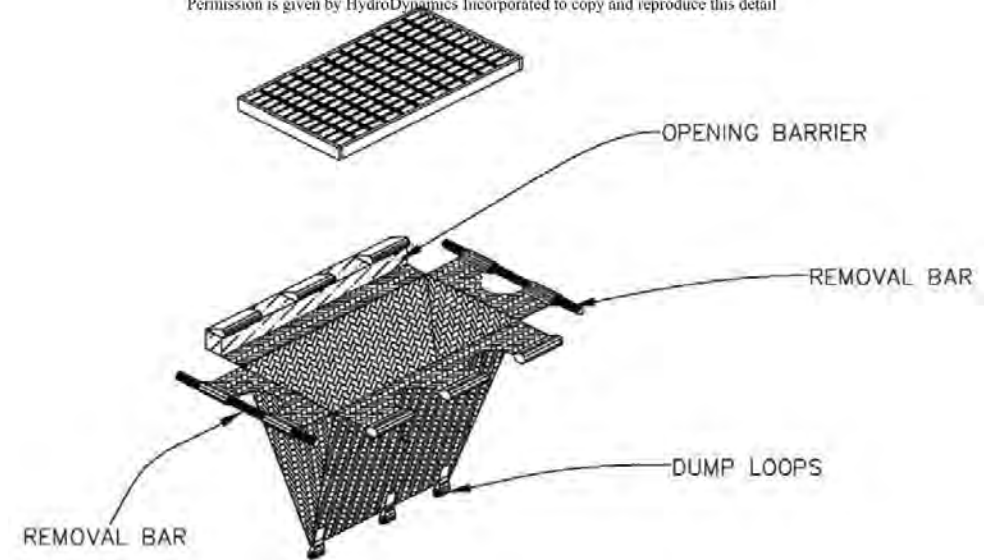
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COUNTY: OKEECHOBEE
SHEET 4 OF 5

DATE: 8/29/2023
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SECTION: AS SHOWN

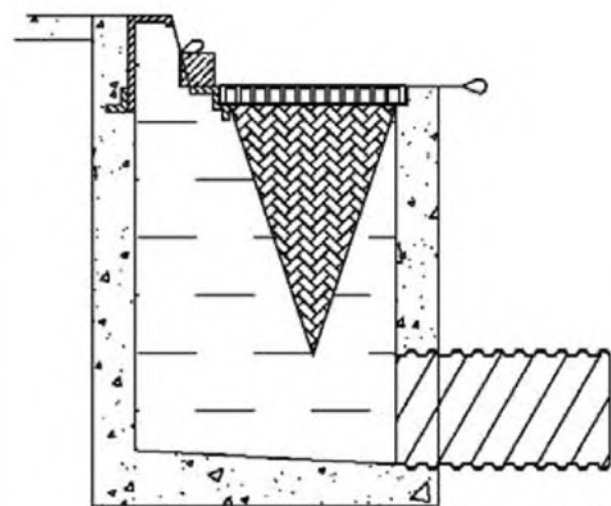


BEST MANAGEMENT PRACTICES
EROSION CONTROL

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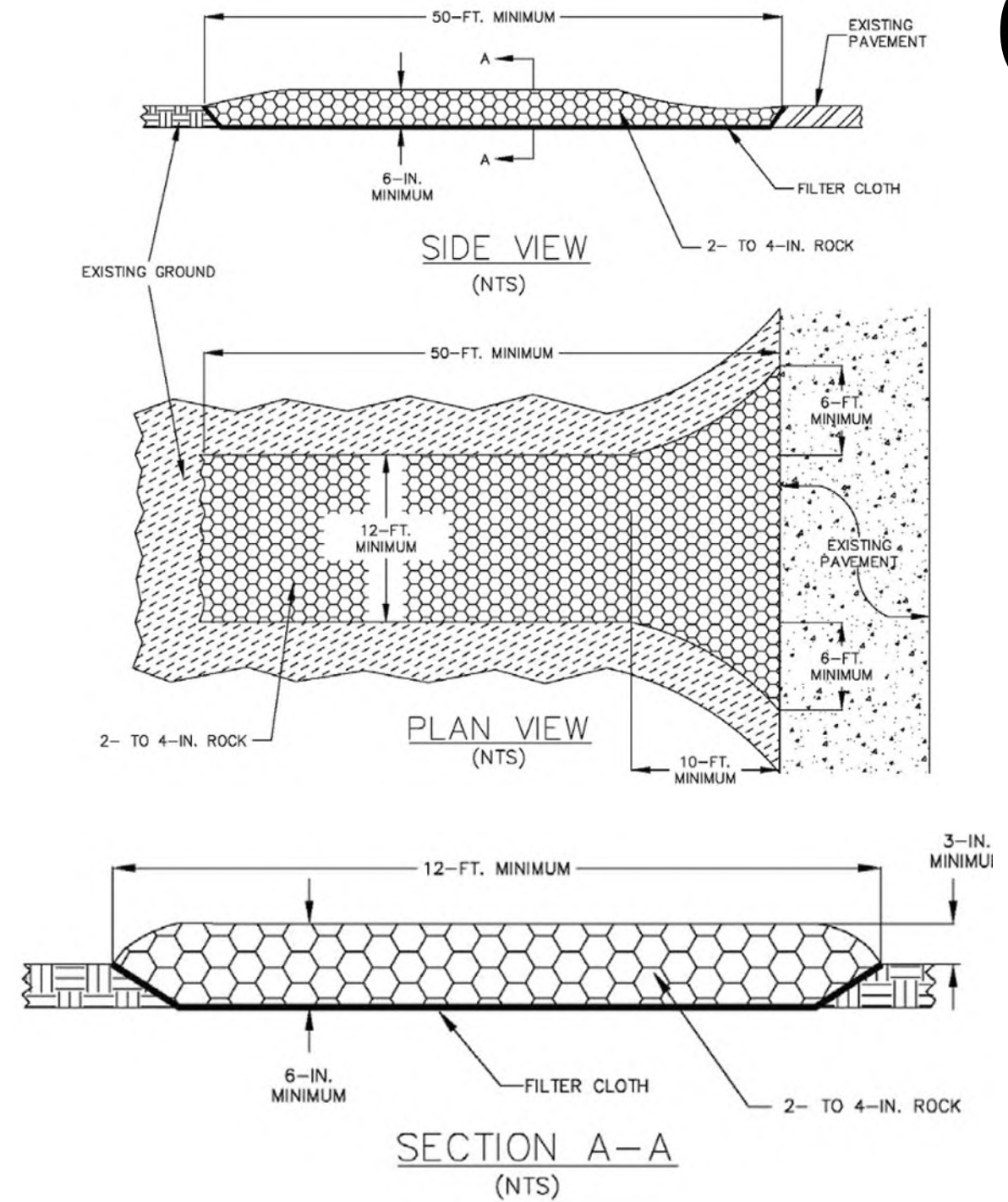


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INLET INSERT SEDIMENT CONTAINMENT SYSTEM

13/04

C.1



SOIL TRACKING PREVENTION DEVICE

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Sweatt-Whidden TLISA Project, TA22-19

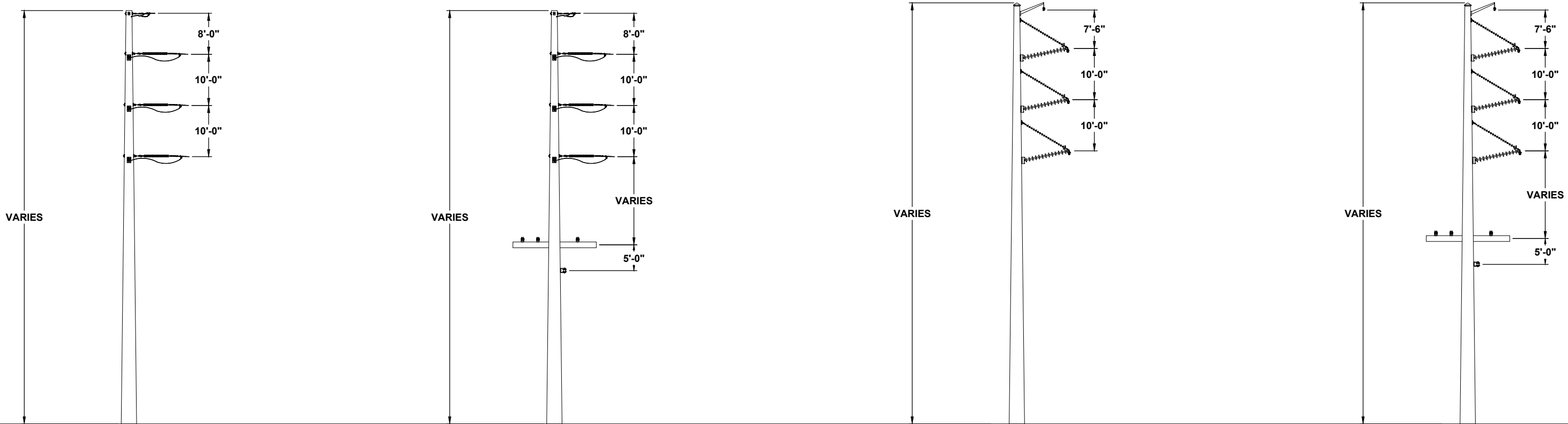
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COUNTY: OKEECHOBEE
SHEET 5 OF 5

DATE: 8/29/2023
CHECKED BY: BJW
SECTION: AS SHOWN



BEST MANAGEMENT PRACTICES
EROSION CONTROL

C.2



230kV SINGLE CIRCUIT DEADEND

230kV SINGLE CIRCUIT DEADEND
W/ HORIZONTAL DISTRIBUTION UNDERBUILD

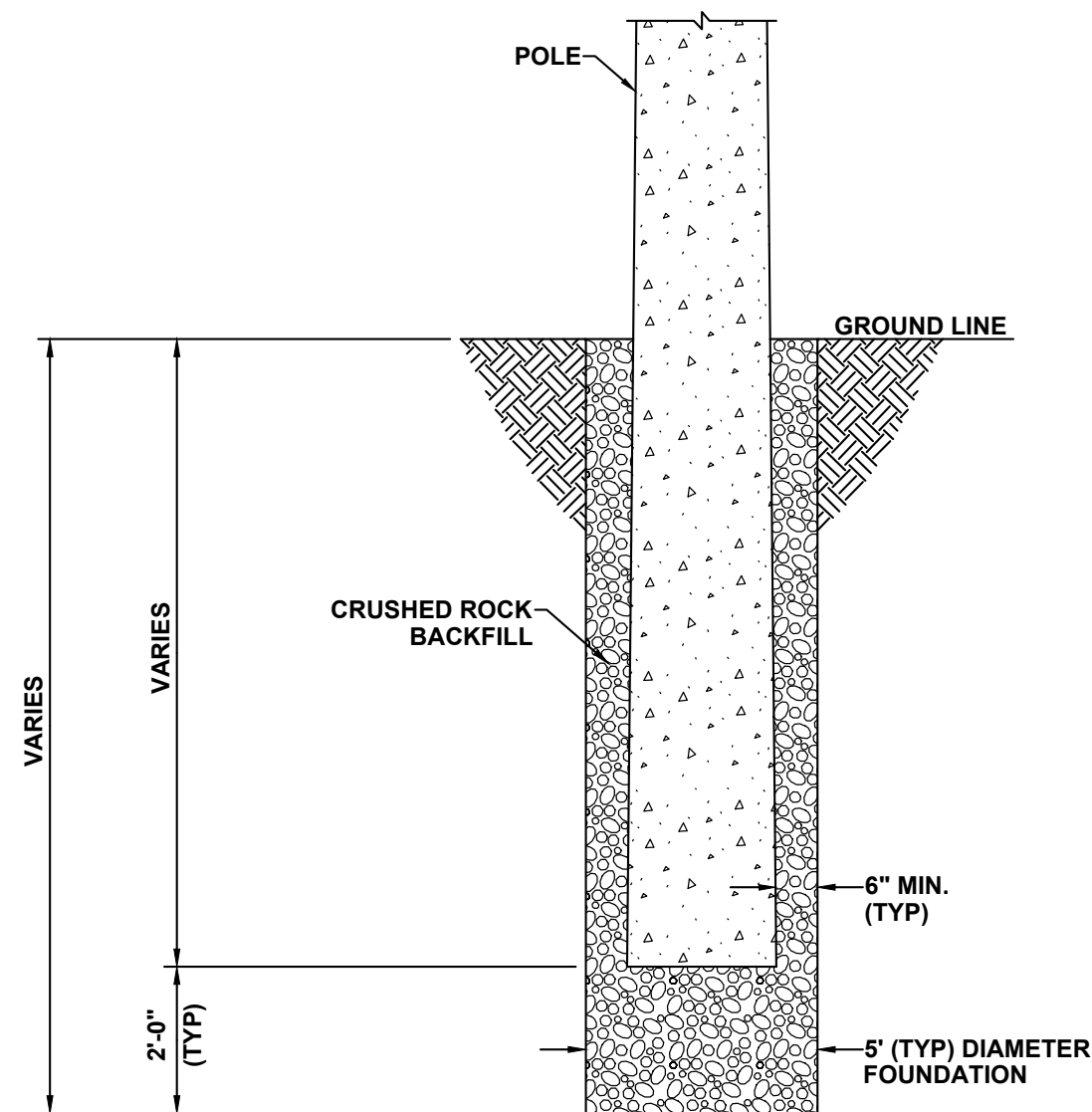
230kV SINGLE CIRCUIT VERTICAL TANGENT

230kV SINGLE CIRCUIT VERTICAL TANGENT
W/ HORIZONTAL DISTRIBUTION UNDERBUILD

TYPICAL STRUCTURES T30438: WATERWAY - DORR FIELD

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REV	DATE	DESCRIPTION	BY	CKD	APP

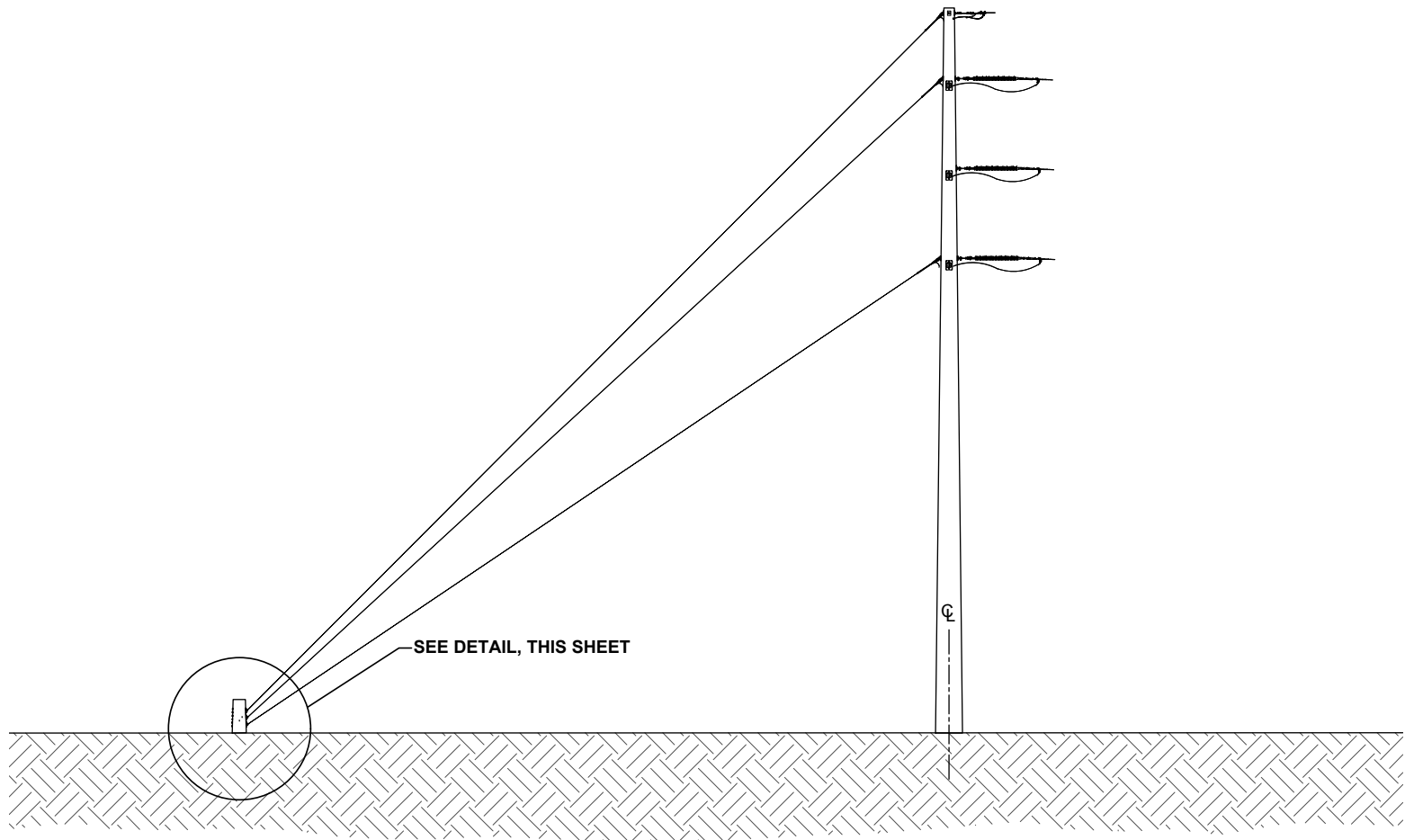
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SCALE: NTS DRAWN BY: ANG ENGINEER: MKL COUNTY: OKEECHOBEE SHEET 1 OF 1			DATE: 8/29/2023 CHECKED BY: BJW SECTION: AS SHOWN		
			TYPICAL STRUCTURES		



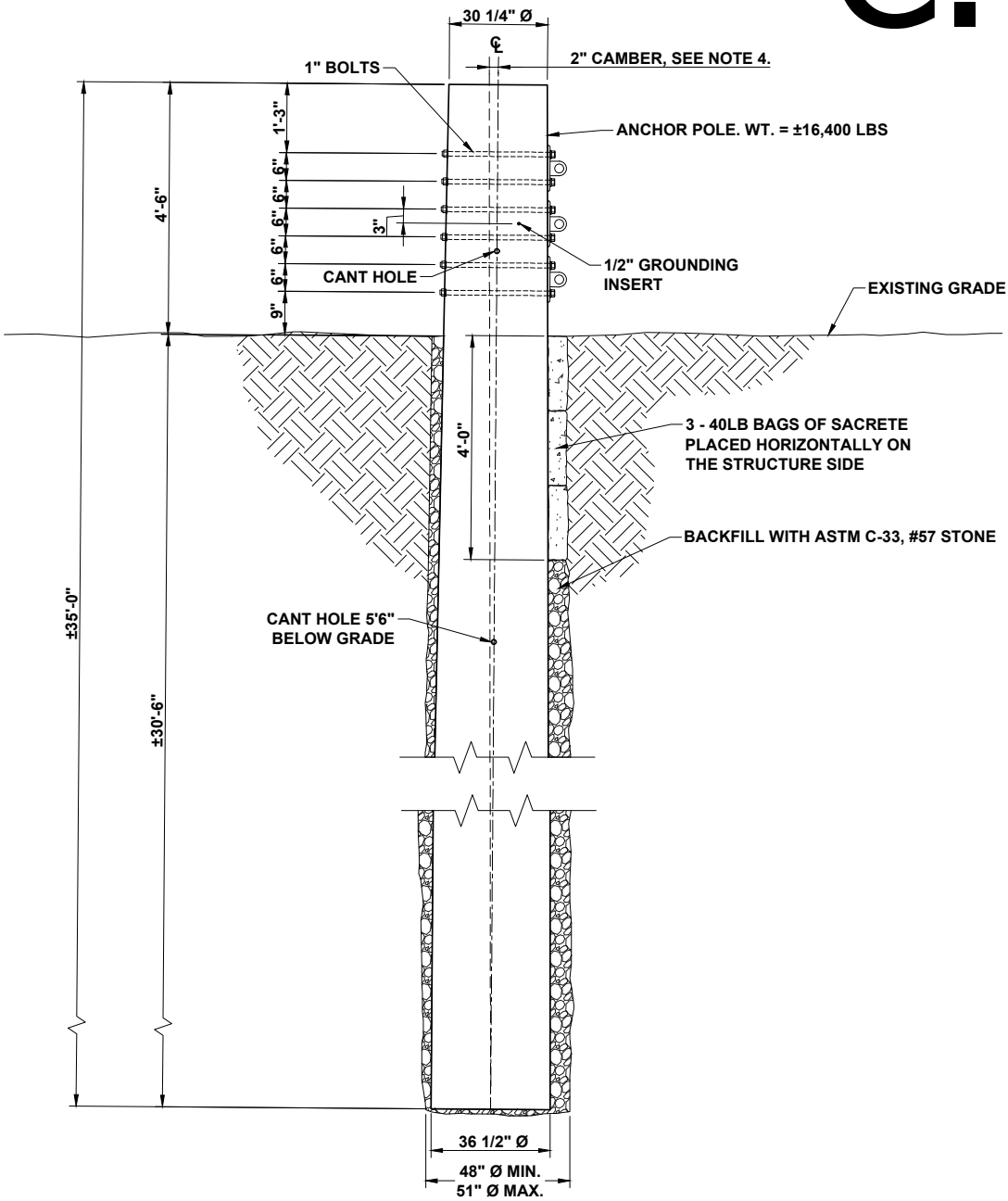
FOUNDATION DETAIL
DIRECT EMBEDDED POLE WITH ROCK BACKFILL
AREA = VARIES
VOLUME = VARIES

0	8/29/2023	ISSUED FOR PERMIT SUBMITTAL	ANG	BJW	BJW
REV	DATE	DESCRIPTION	BY	CKD	APP

FLORIDA POWER & LIGHT COMPANY		Sweatt-Whidden TLSA Project, TA22-19	
SCALE: NTS DRAWN BY: ANG ENGINEER: MKL COUNTY: OKEECHOBEE SHEET 1 OF 1		DATE: 8/29/2023 CHECKED BY: BJW SECTION: AS SHOWN	
		TYPICAL FOUNDATION DETAIL	



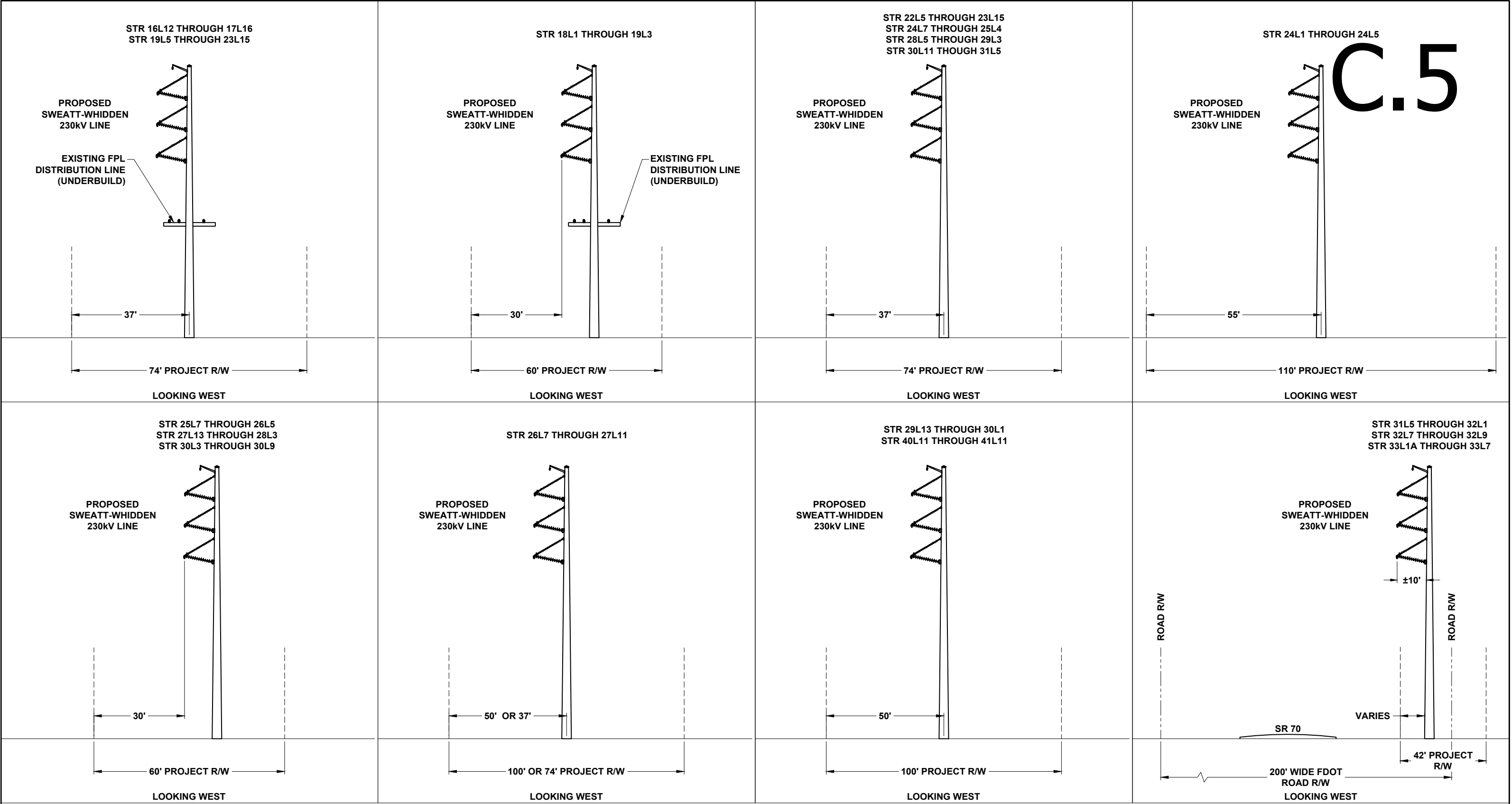
TYPICAL GUYED POLE PROFILE WITH ANCHOR PILE



TYPICAL SPUN CONCRETE ANCHOR PILE DETAIL

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REV	DATE	DESCRIPTION	BY	CKD	APP

FLORIDA POWER & LIGHT COMPANY			Sweatt-Whidden TLSA Project, TA22-19		
SCALE: NTS DRAWN BY: ANG ENGINEER: MKL COUNTY: OKEECHOBEE SHEET 1 OF 1			DATE: 8/29/2023 CHECKED BY: BJW SECTION: AS SHOWN		
			TYPICAL ANCHOR PILE DETAIL		



C.5

TYPICAL STRUCTURE CROSS SECTIONS
T30438: SWEATT-WHIDDEN

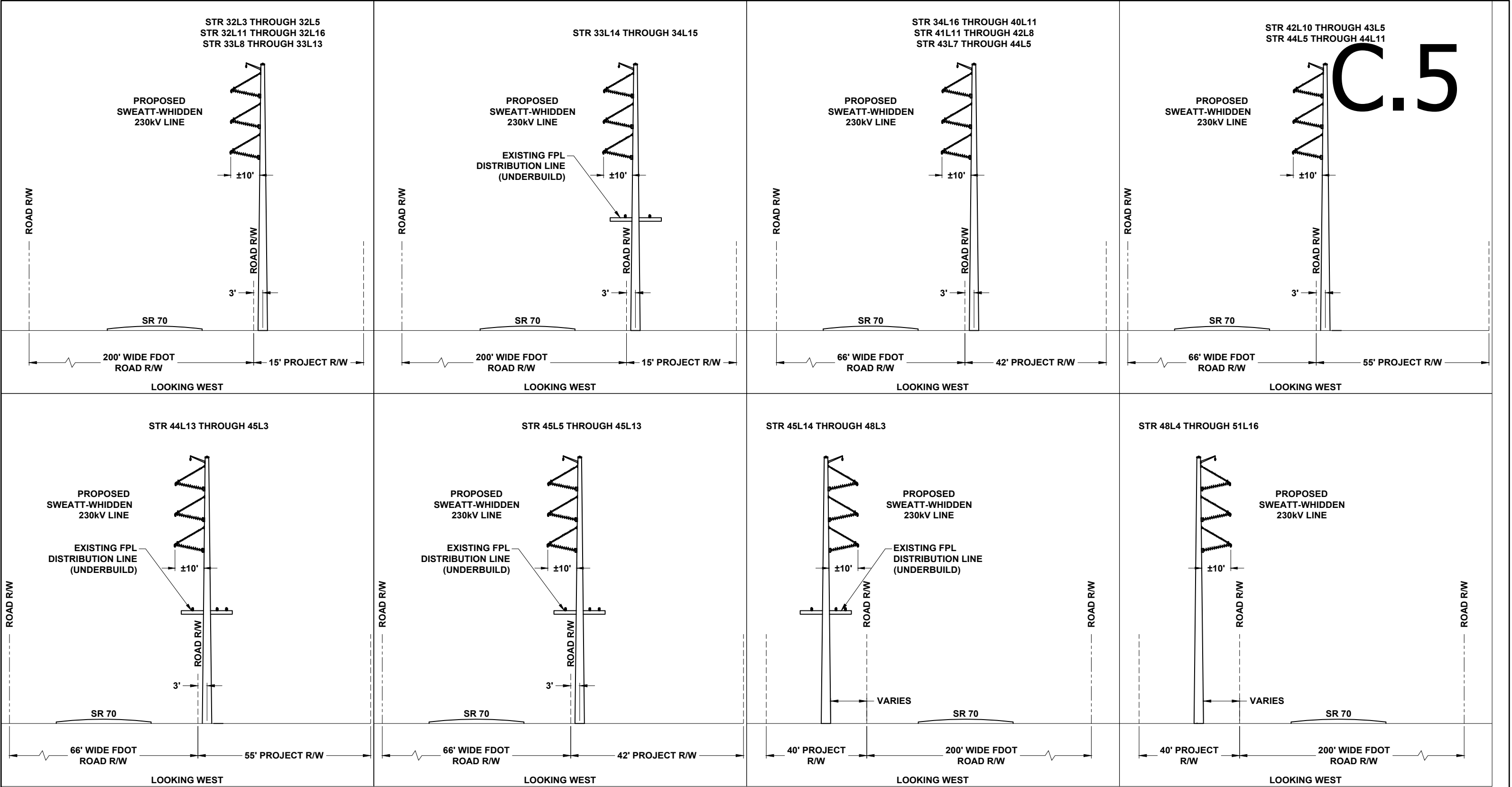
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DRAWN BY: ANG
ENGINEER: MKL
COUNTY: OKEECHOBEE
SHEET 1 OF 2

DATE: 8/29/2023
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SECTION: AS SHOWN



Sweatt-Whidden TLSA Project, TA22-19
TYPICAL RIGHT-OF-WAY
SECTIONS



C.5

TYPICAL STRUCTURE CROSS SECTIONS
T30438: SWEATT-WHIDDEN

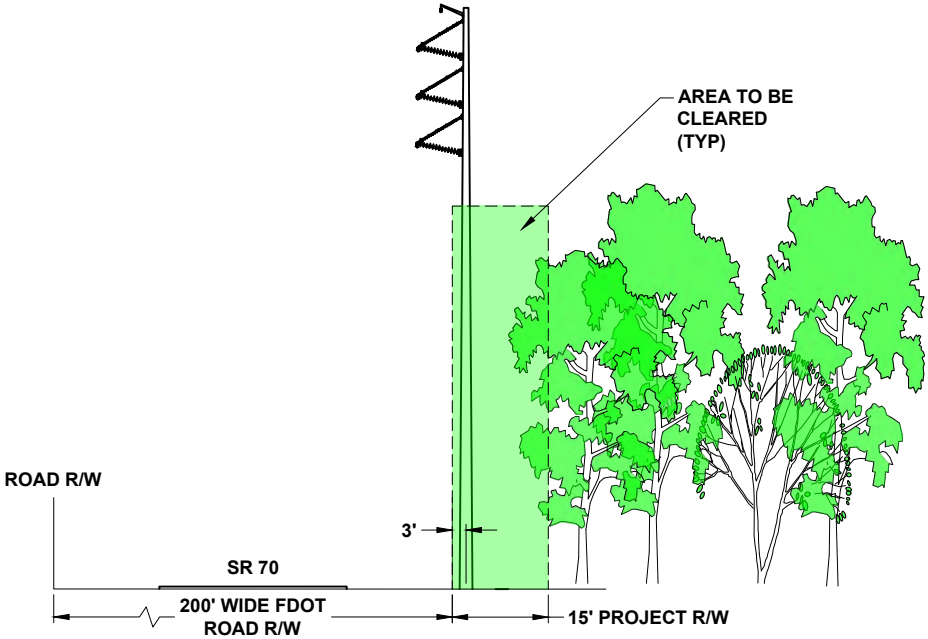
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COUNTY: OKEECHOBEE
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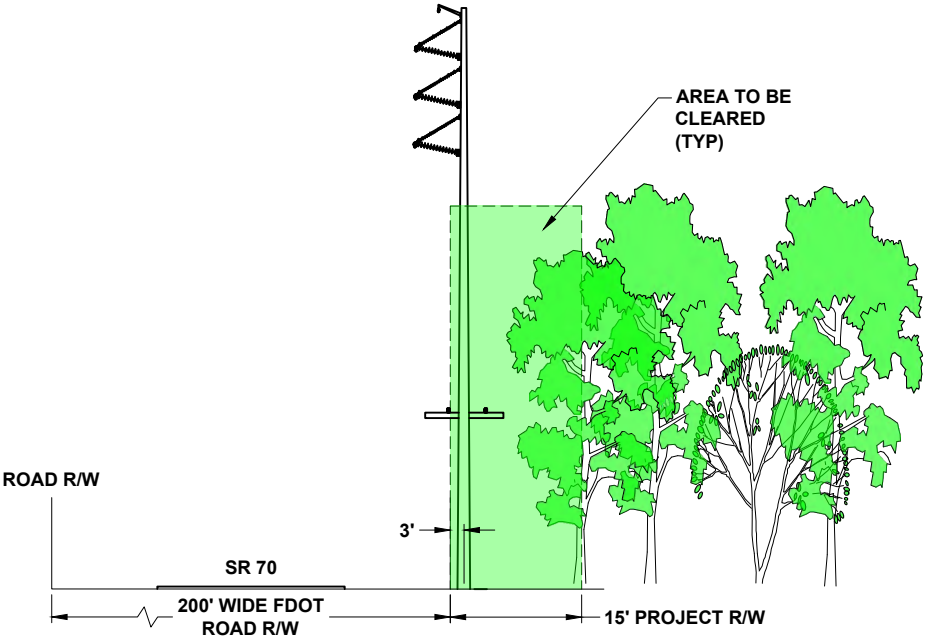
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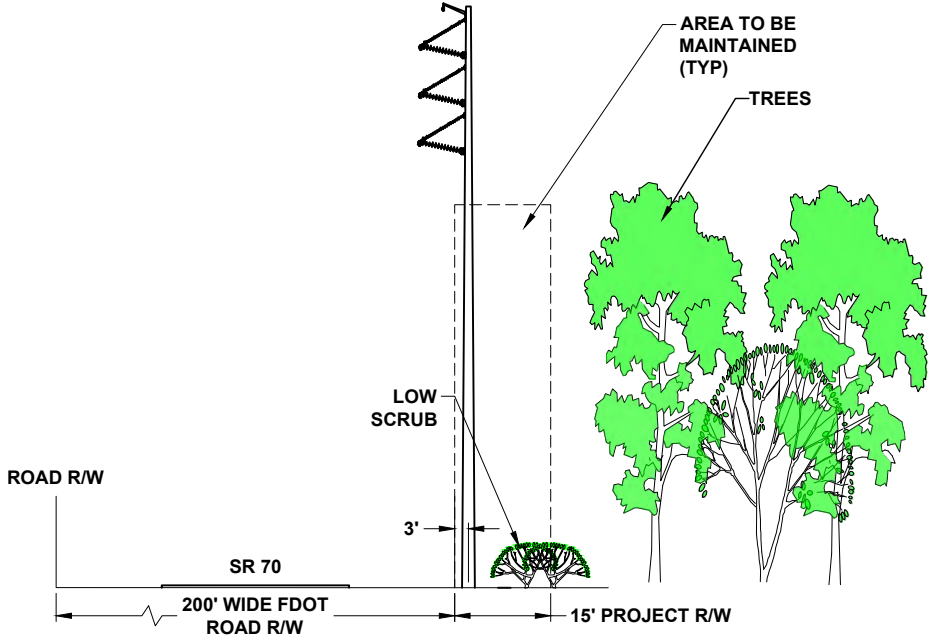
Sweatt-Whidden TLSA Project, TA22-19
TYPICAL RIGHT-OF-WAY
SECTIONS



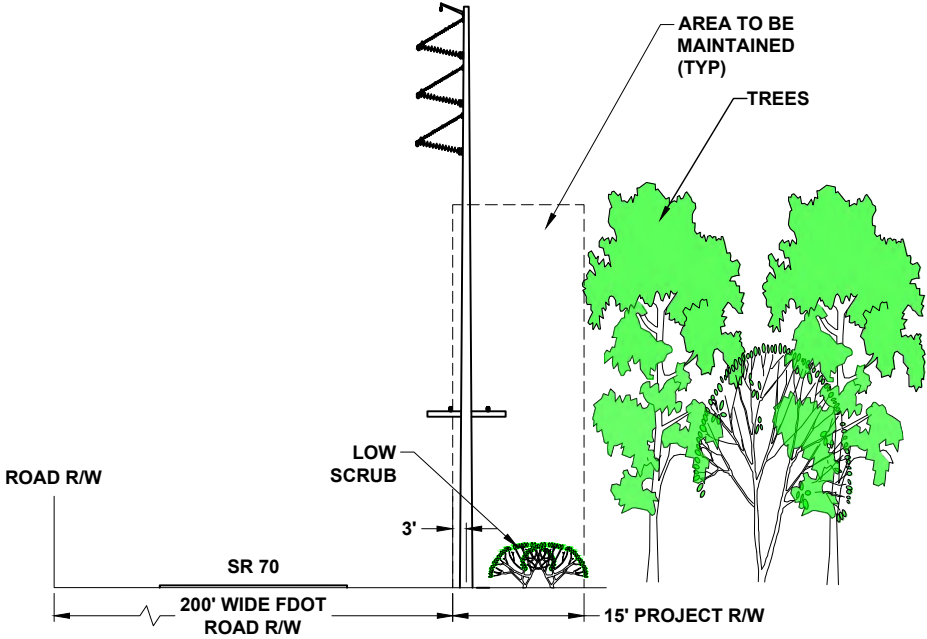
TYPICAL CLEARING 15' EASEMENT



TYPICAL CLEARING 15' EASEMENT W/DISTRIBUTION UNDERBUILD



TYPICAL MAINTENANCE 15' EASEMENT



TYPICAL MAINTENANCE 15' EASEMENT W/DISTRIBUTION UNDERBUILD

0	8/29/2023	ISSUED FOR PERMIT SUBMITTAL	ANG	BJW	BJW
REV	DATE	DESCRIPTION	BY	CKD	APP

FLORIDA POWER & LIGHT COMPANY

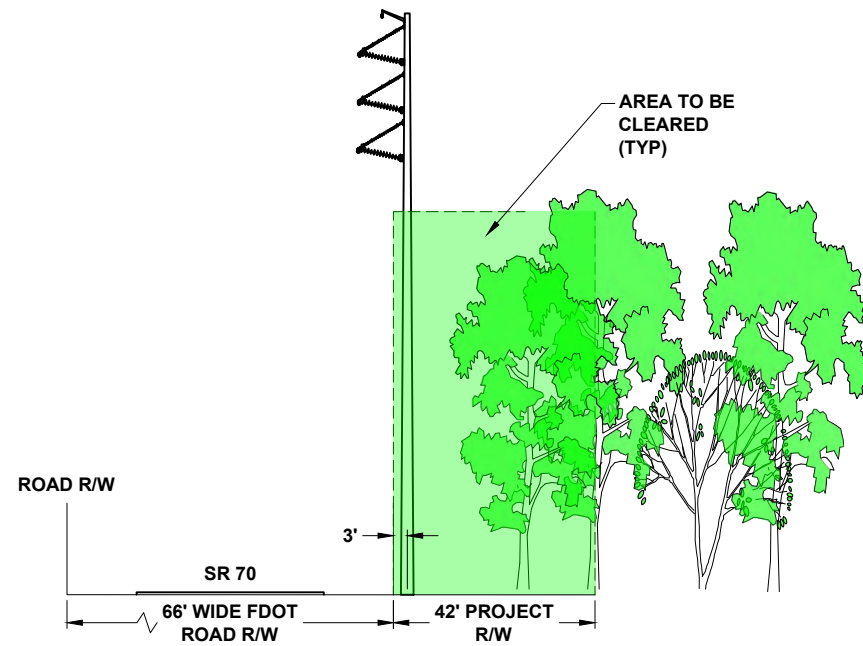
Sweatt-Whidden TLSA Project, TA22-19

SCALE: NTS
DRAWN BY: ANG
ENGINEER: MKL
COUNTY: OKEECHOBEE
SHEET 1 OF 8

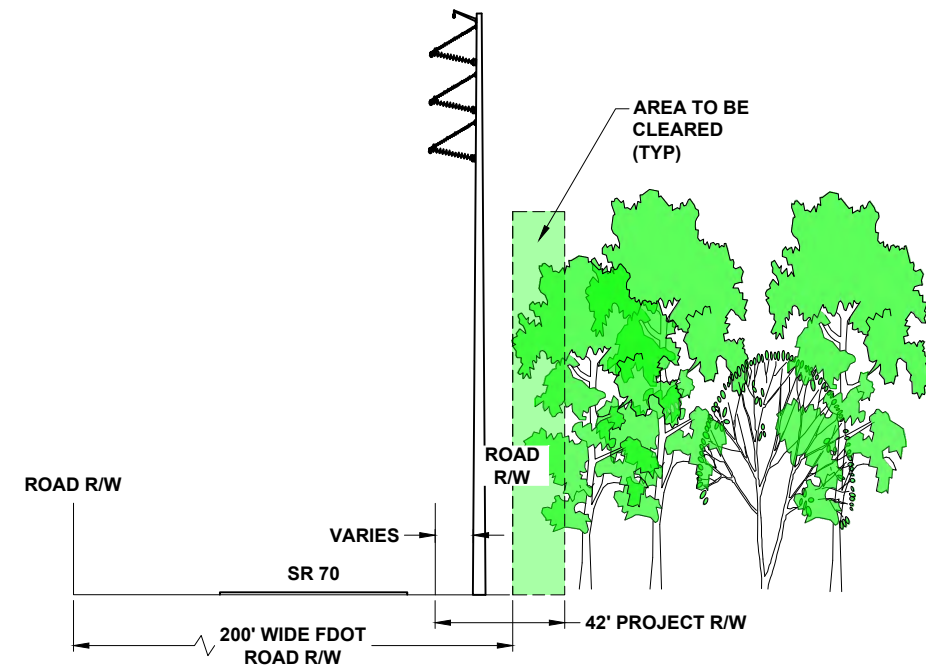
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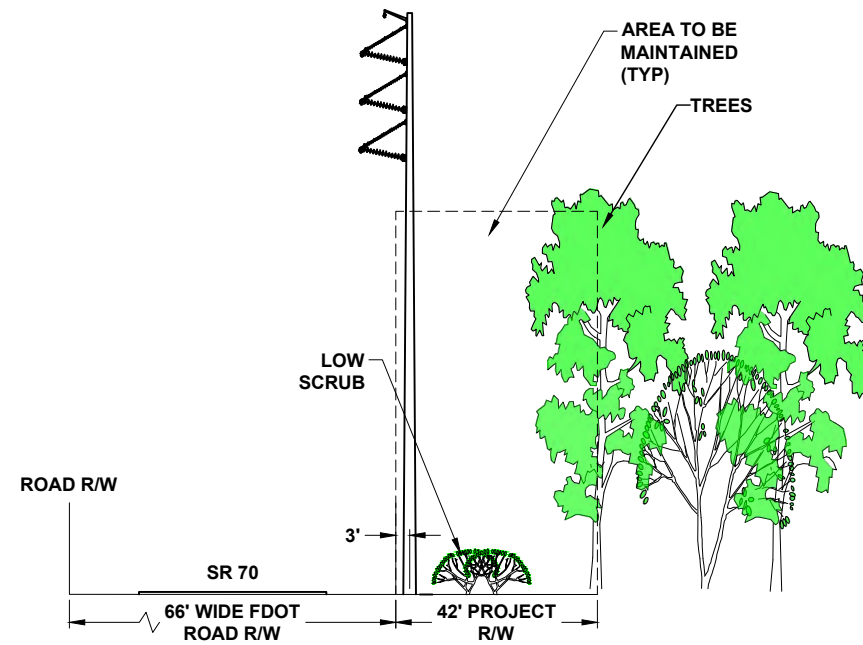
TYPICAL RIGHT-OF-WAY
MAINTENANCE



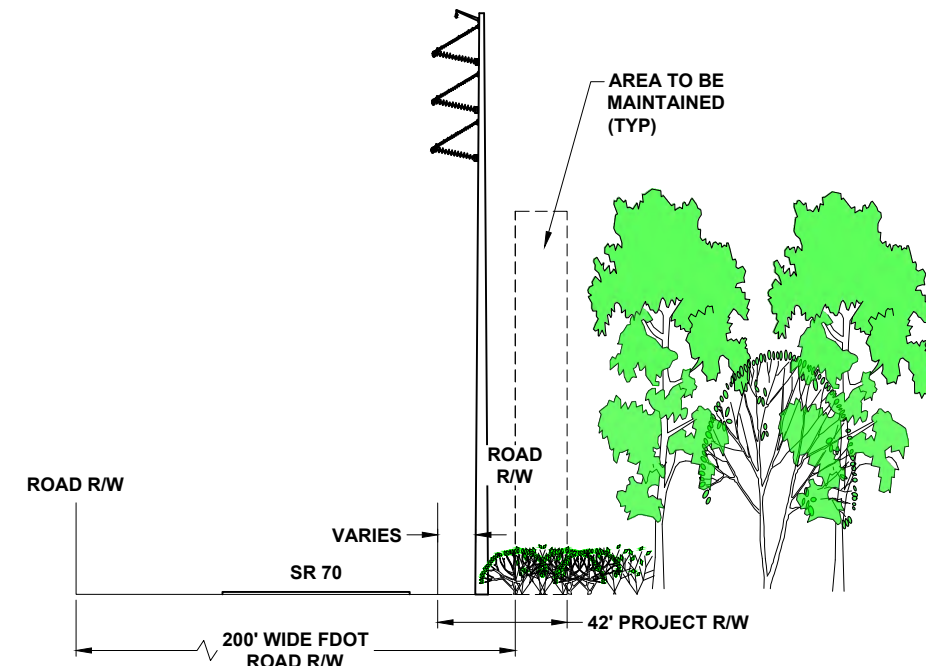
TYPICAL CLEARING 42' EASEMENT



TYPICAL CLEARING 42' EASEMENT



TYPICAL MAINTENANCE 42' EASEMENT



TYPICAL MAINTENANCE 42' EASEMENT

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REV	DATE	DESCRIPTION	BY	CKD	APP

FLORIDA POWER & LIGHT COMPANY

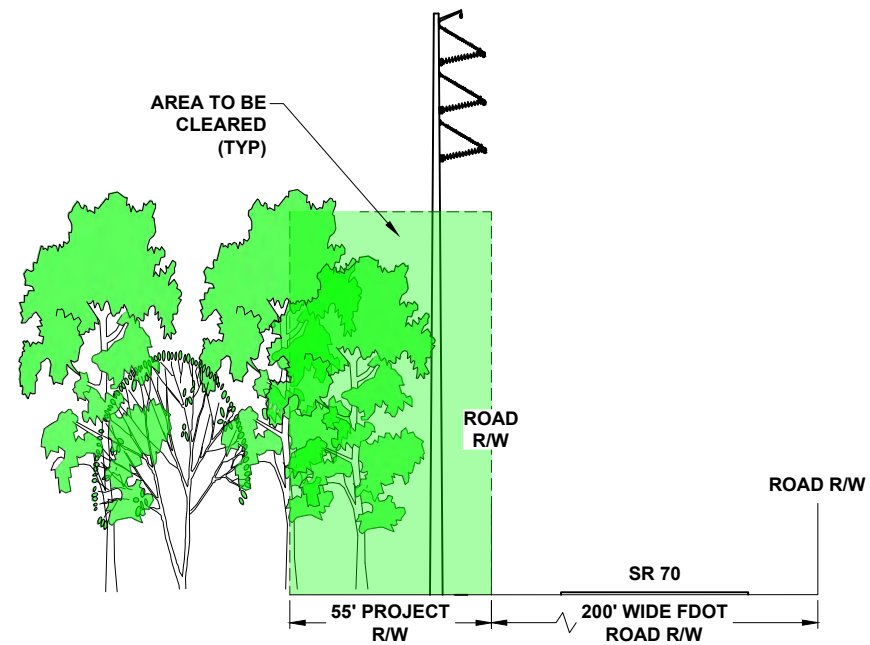
Sweatt-Whidden TLISA Project, TA22-19

SCALE: NTS
DRAWN BY: ANG
ENGINEER: MKL
COUNTY: OKEECHOBEE
SHEET 2 OF 8

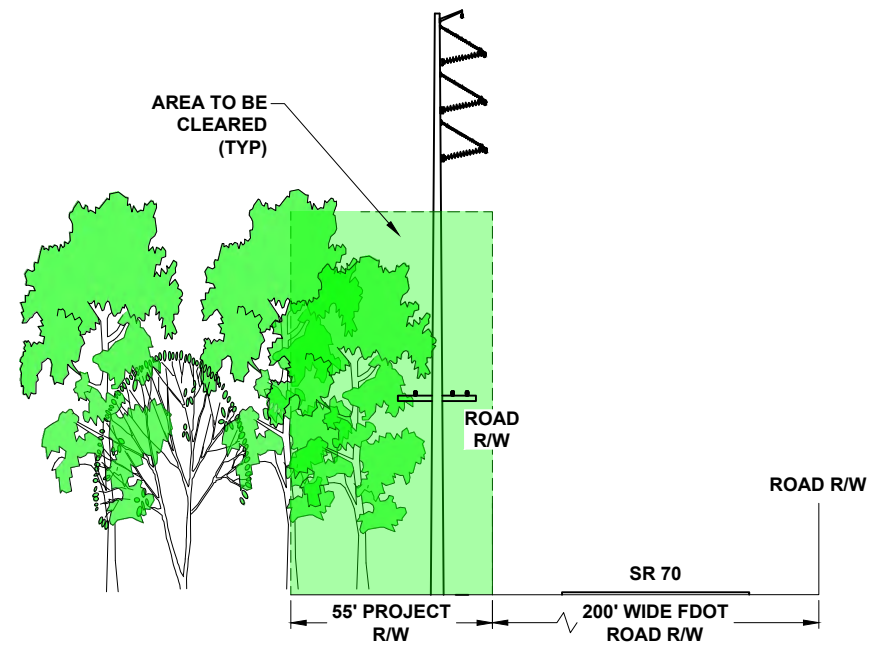
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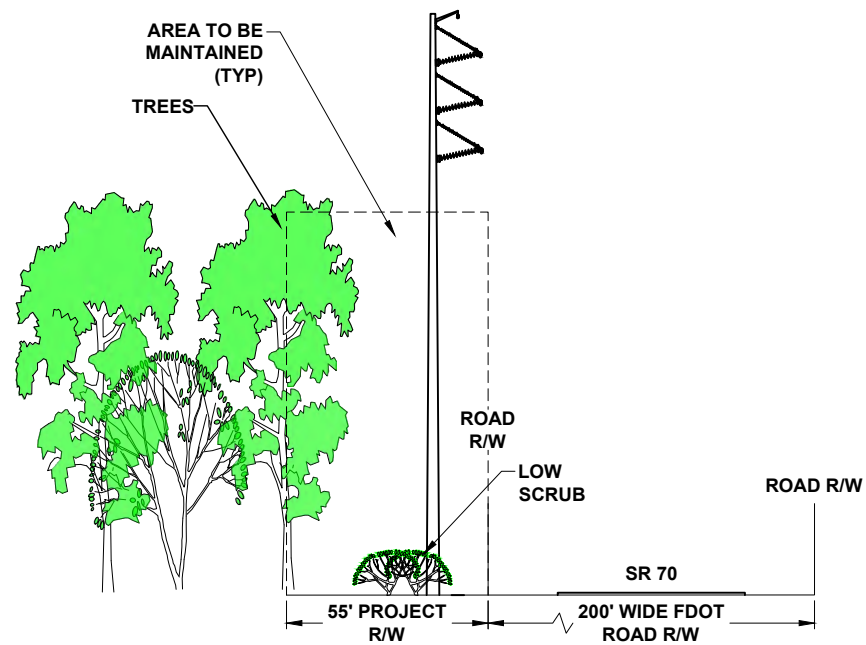
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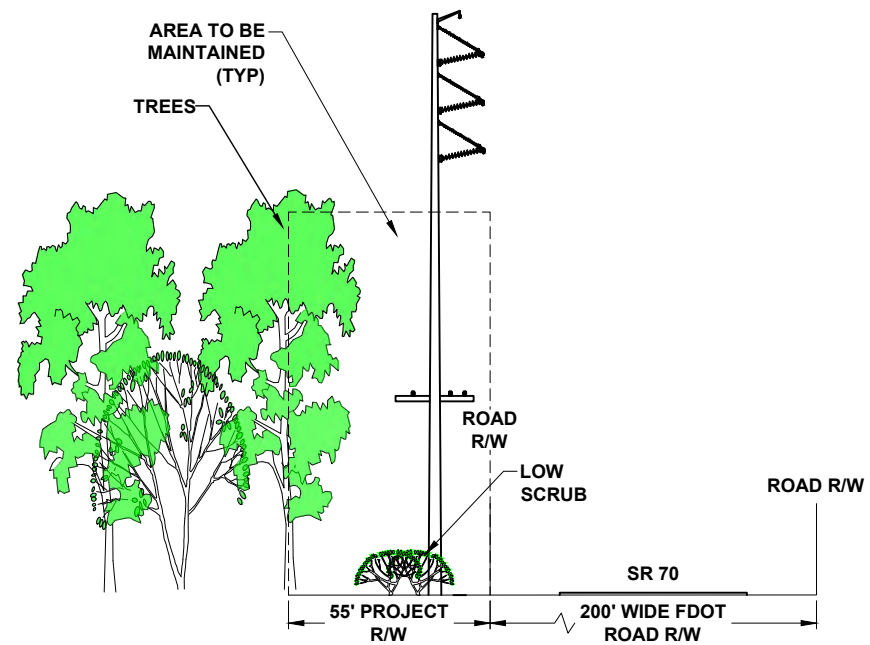
TYPICAL CLEARING 55' EASEMENT



TYPICAL CLEARING 55' EASEMENT W/ DISTRIBUTION UNDERBUILD



TYPICAL MAINTENANCE 55' EASEMENT



TYPICAL MAINTENANCE 55' EASEMENT W/ DISTRIBUTION UNDERBUILD

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REV	DATE	DESCRIPTION	BY	CKD	APP

FLORIDA POWER & LIGHT COMPANY

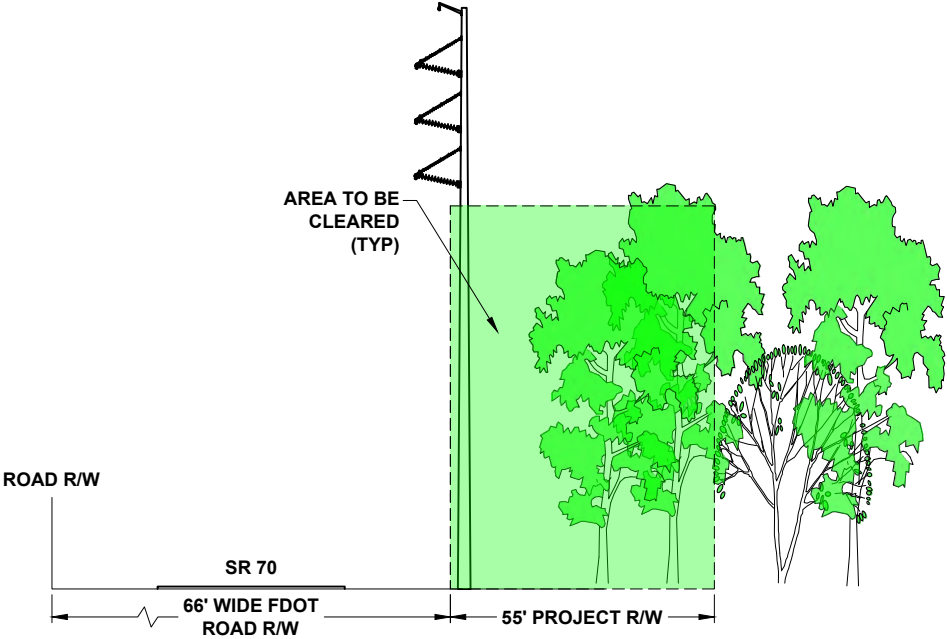
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ENGINEER: MKL
COUNTY: OKEECHOBEE
SHEET 3 OF 8

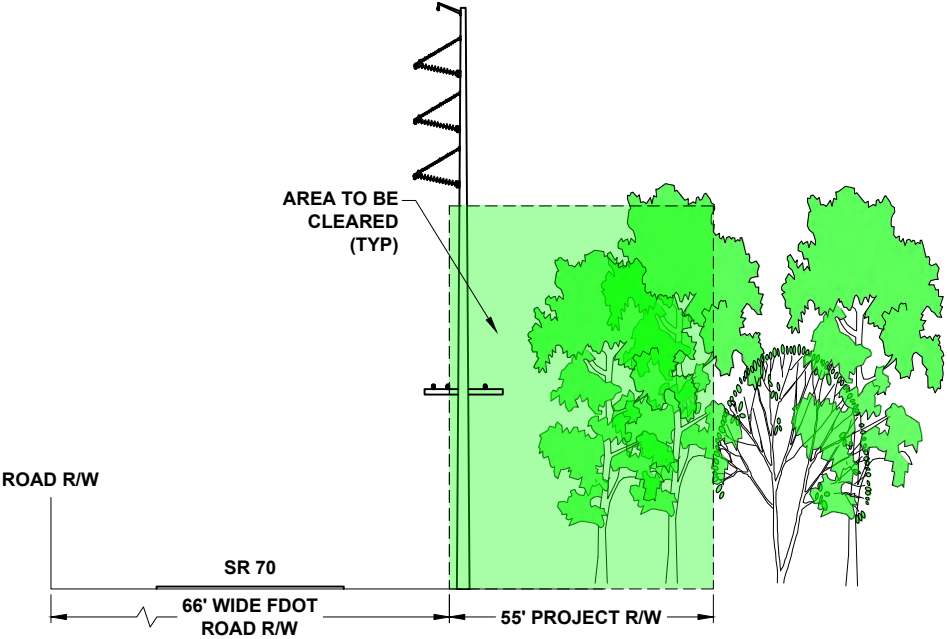
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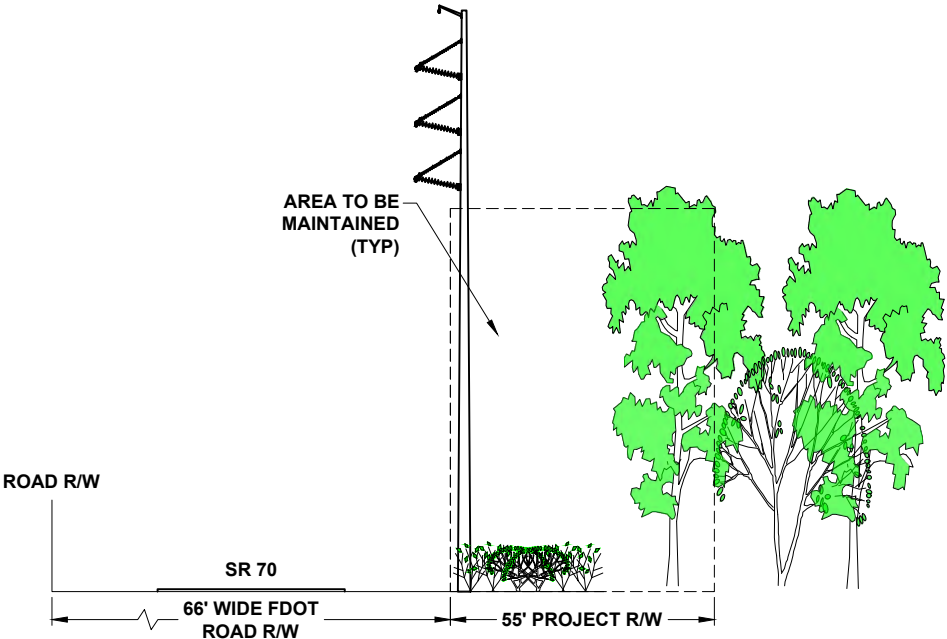
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MAINTENANCE



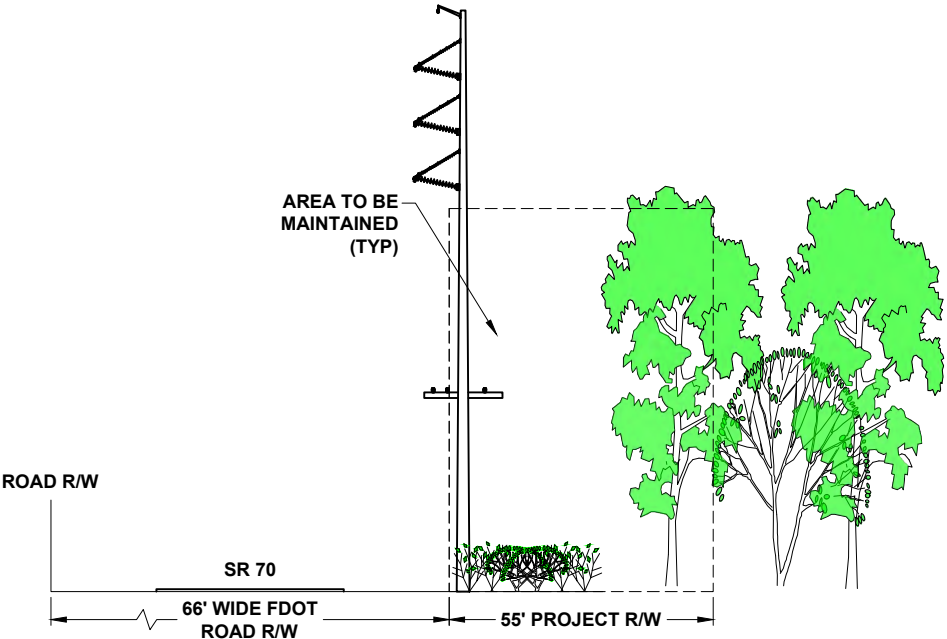
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TYPICAL CLEARING 55' EASEMENT W/DISTRIBUTION UNDERBUILD



TYPICAL MAINTENANCE 55' EASEMENT



TYPICAL MAINTENANCE 55' EASEMENT W/DISTRIBUTION UNDERBUILD

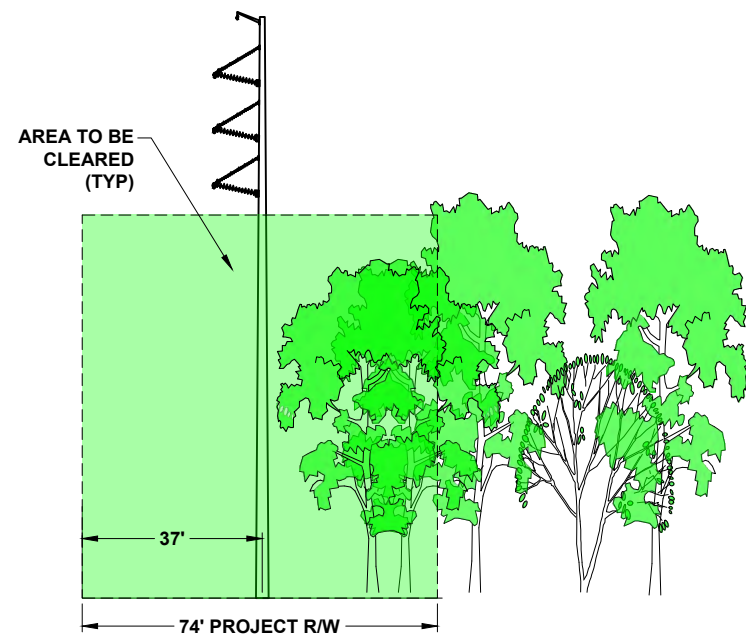
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REV	DATE	DESCRIPTION	BY	CKD	APP

FLORIDA POWER & LIGHT COMPANY
SCALE: NTS
DRAWN BY: ANG
ENGINEER: MKL
COUNTY: OKEECHOBEE
SHEET 4 OF 8

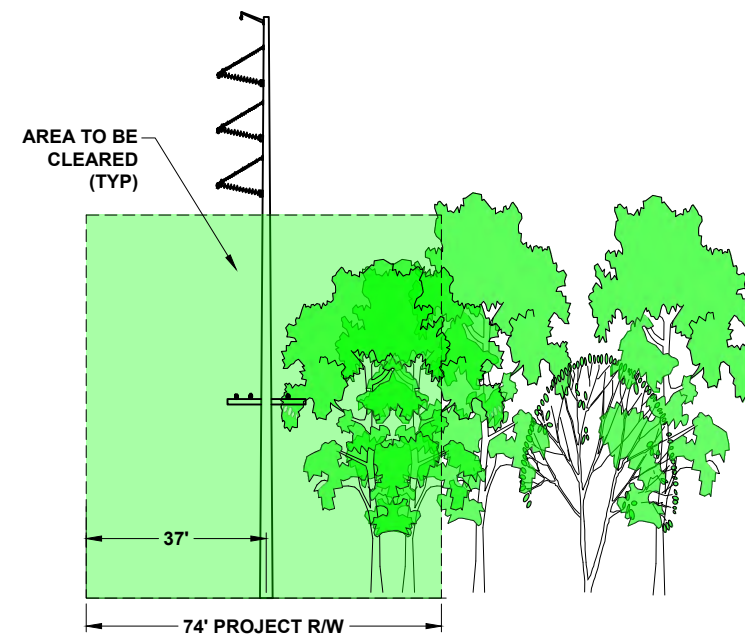
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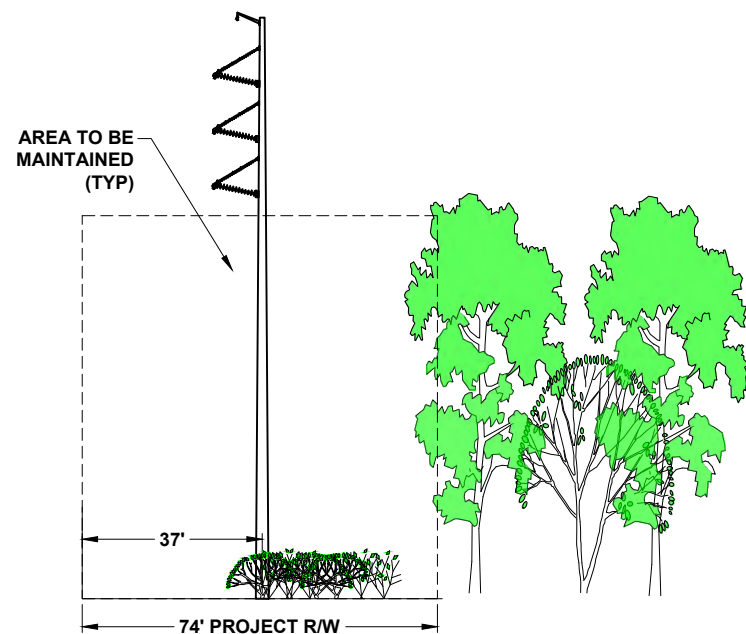
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TYPICAL RIGHT-OF-WAY
MAINTENANCE



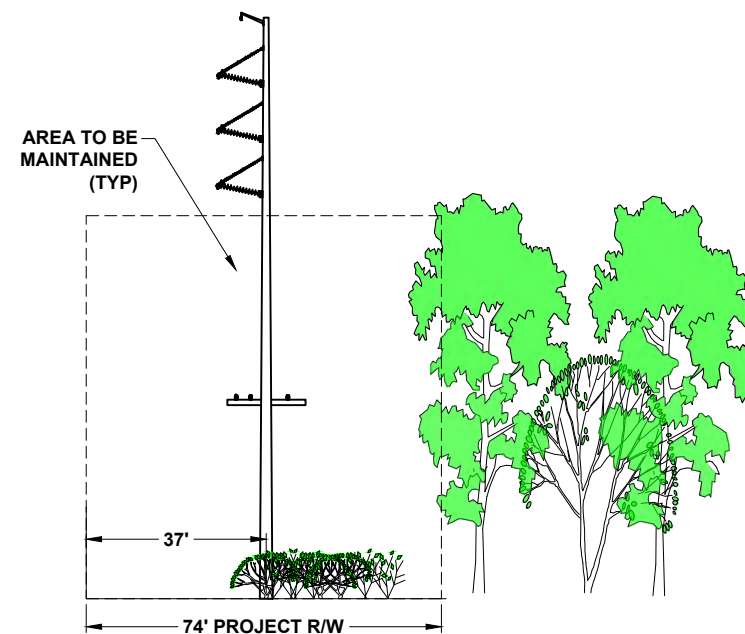
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TYPICAL CLEARING 74' EASEMENT W/ DISTRIBUTION UNDERBUILD



TYPICAL MAINTENANCE 74' EASEMENT



TYPICAL MAINTENANCE 74' EASEMENT W/ DISTRIBUTION UNDERBUILD

0	8/29/2023	ISSUED FOR PERMIT SUBMITTAL	ANG	BJW	BJW
REV	DATE	DESCRIPTION	BY	CKD	APP

FLORIDA POWER & LIGHT COMPANY

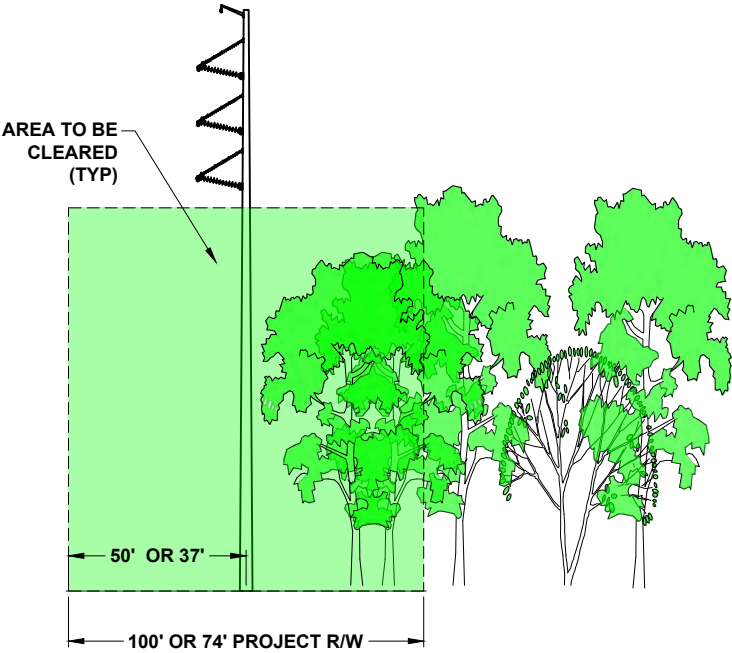
Sweatt-Whidden TLISA Project, TA22-19

SCALE: NTS
DRAWN BY: ANG
ENGINEER: MKL
COUNTY: OKEECHOBEE
SHEET 5 OF 8

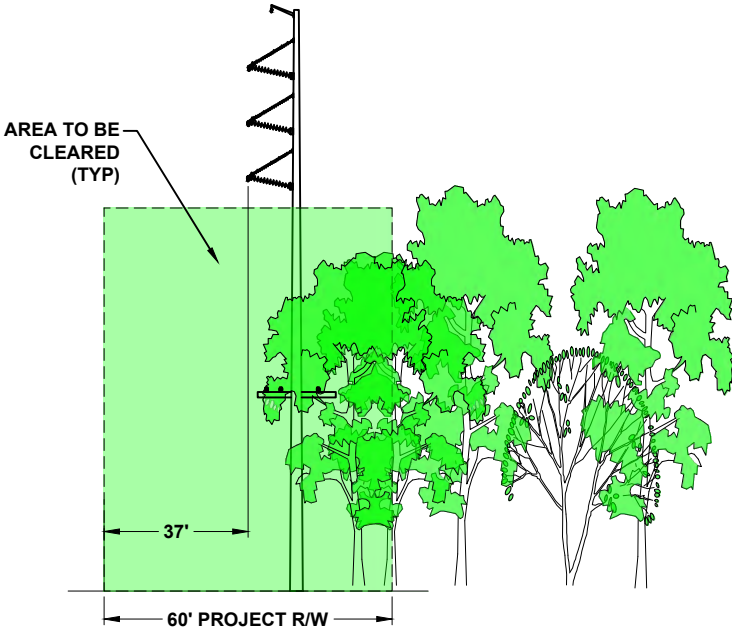
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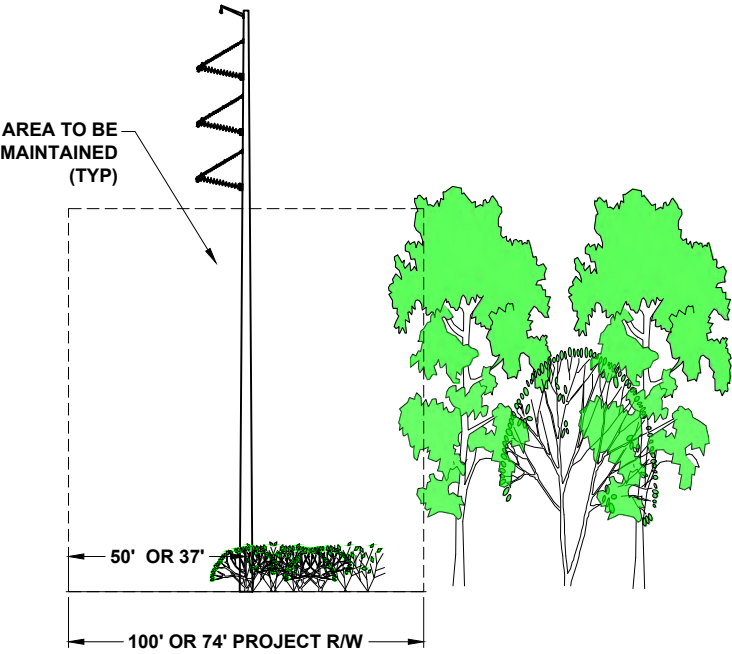
TYPICAL RIGHT-OF-WAY
MAINTENANCE



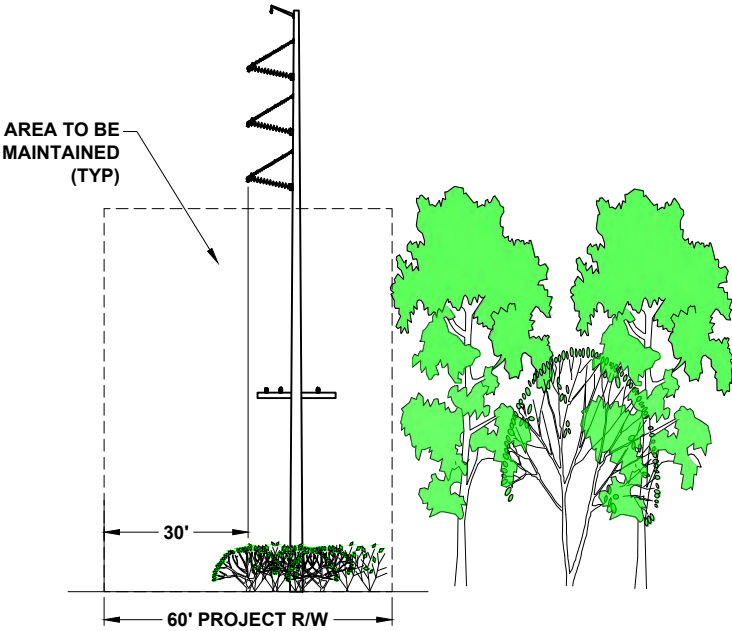
TYPICAL 74' OR 100' EASEMENT



TYPICAL CLEARING 60' EASEMENT W/ DISTRIBUTION UNDERBUILD



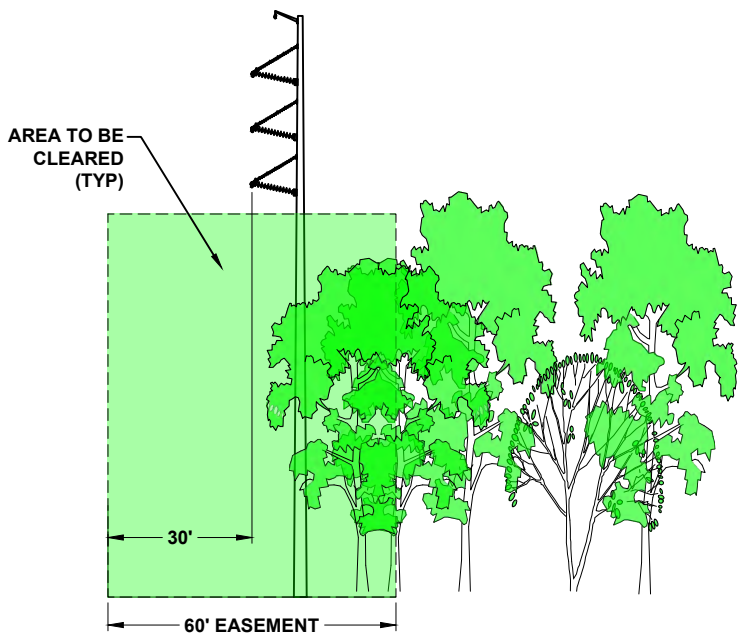
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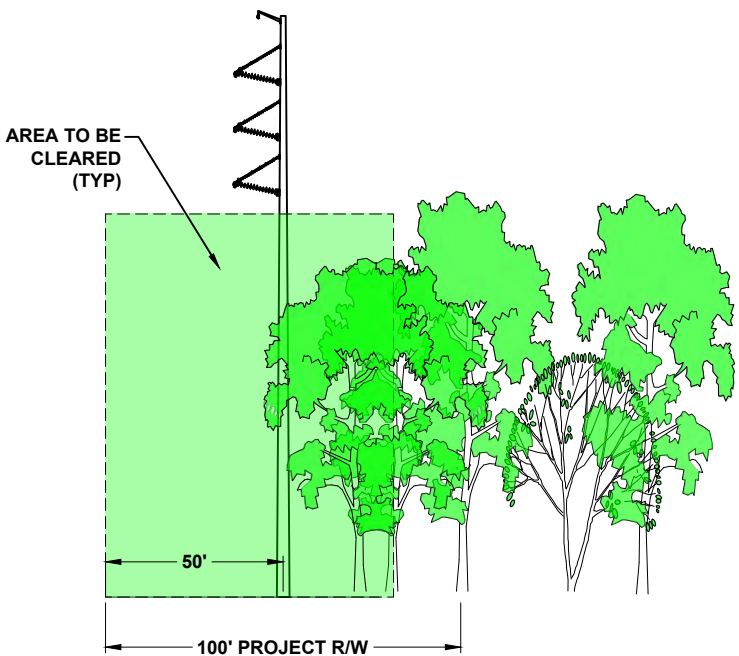
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REV	DATE	DESCRIPTION	BY	CKD	APP

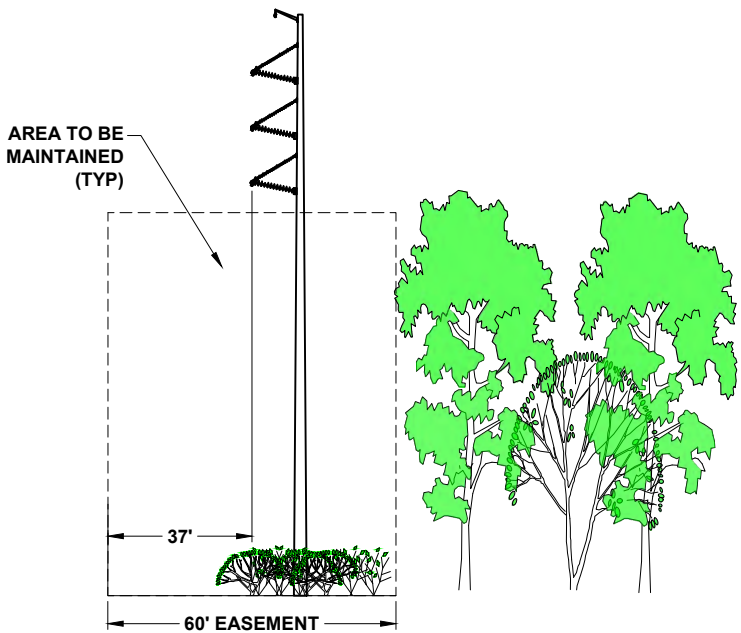
FLORIDA POWER & LIGHT COMPANY			Sweatt-Whidden TLISA Project, TA22-19		
SCALE: NTS DRAWN BY: ANG ENGINEER: MKL COUNTY: OKEECHOBEE SHEET 6 OF 8			DATE: 8/29/2023 CHECKED BY: BJW SECTION: AS SHOWN		
			TYPICAL RIGHT-OF-WAY MAINTENANCE		



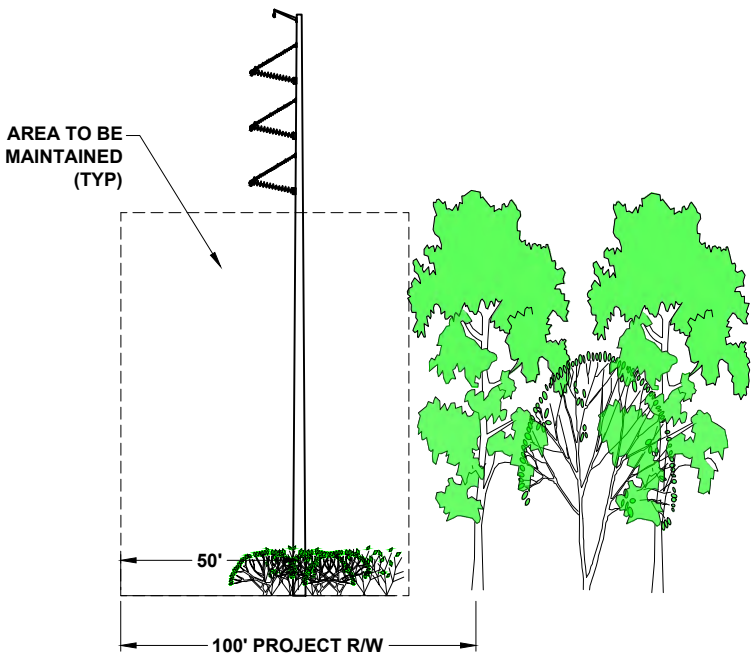
TYPICAL 60' EASEMENT



TYPICAL 100' EASEMENT



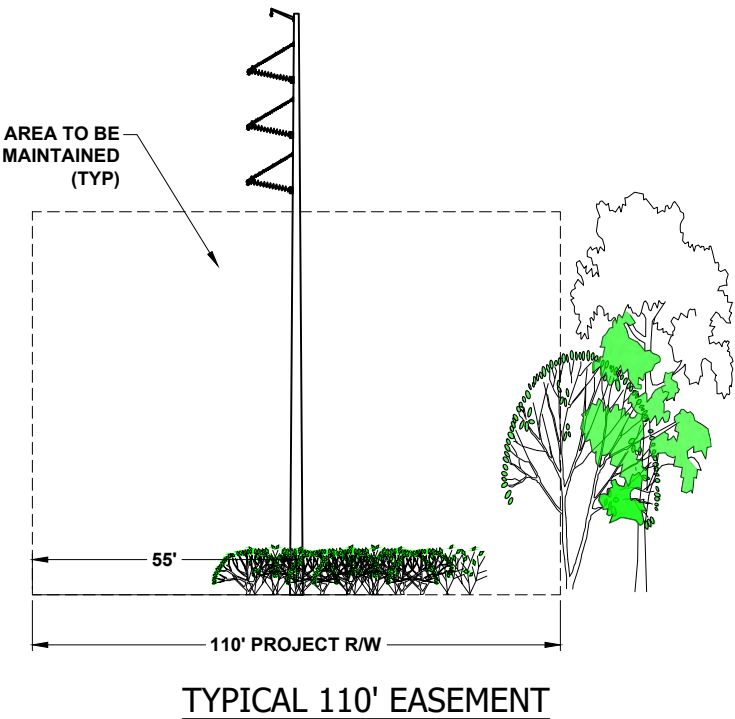
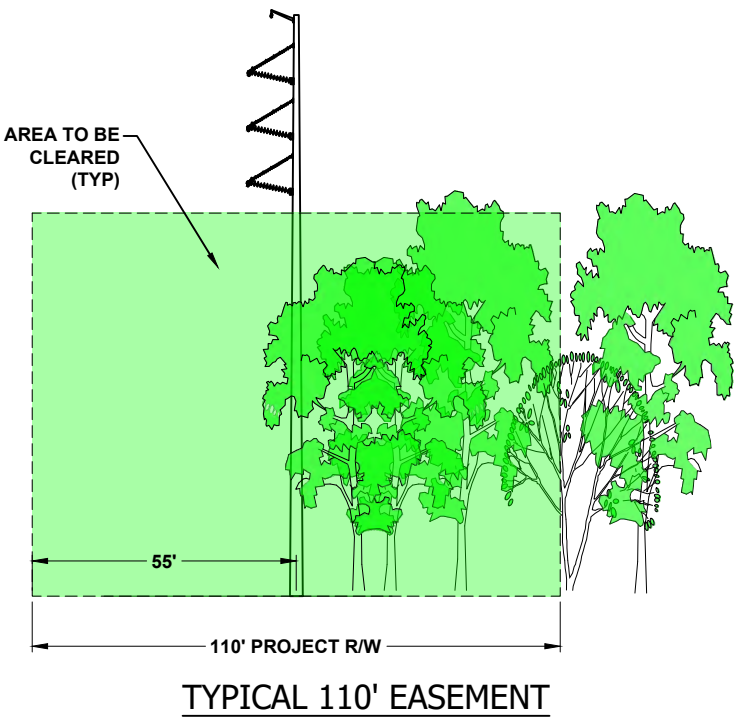
TYPICAL 60' EASEMENT



TYPICAL 100' EASEMENT

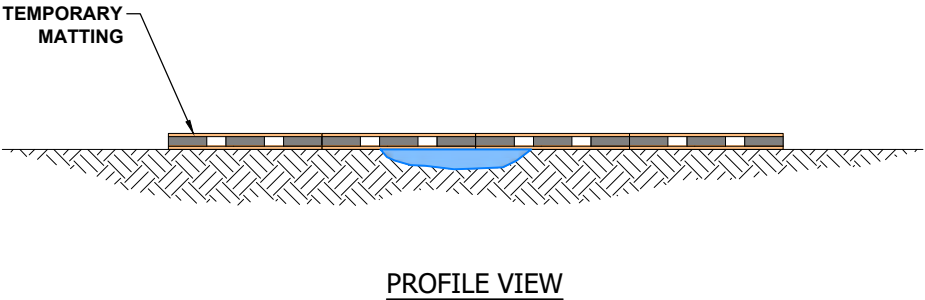
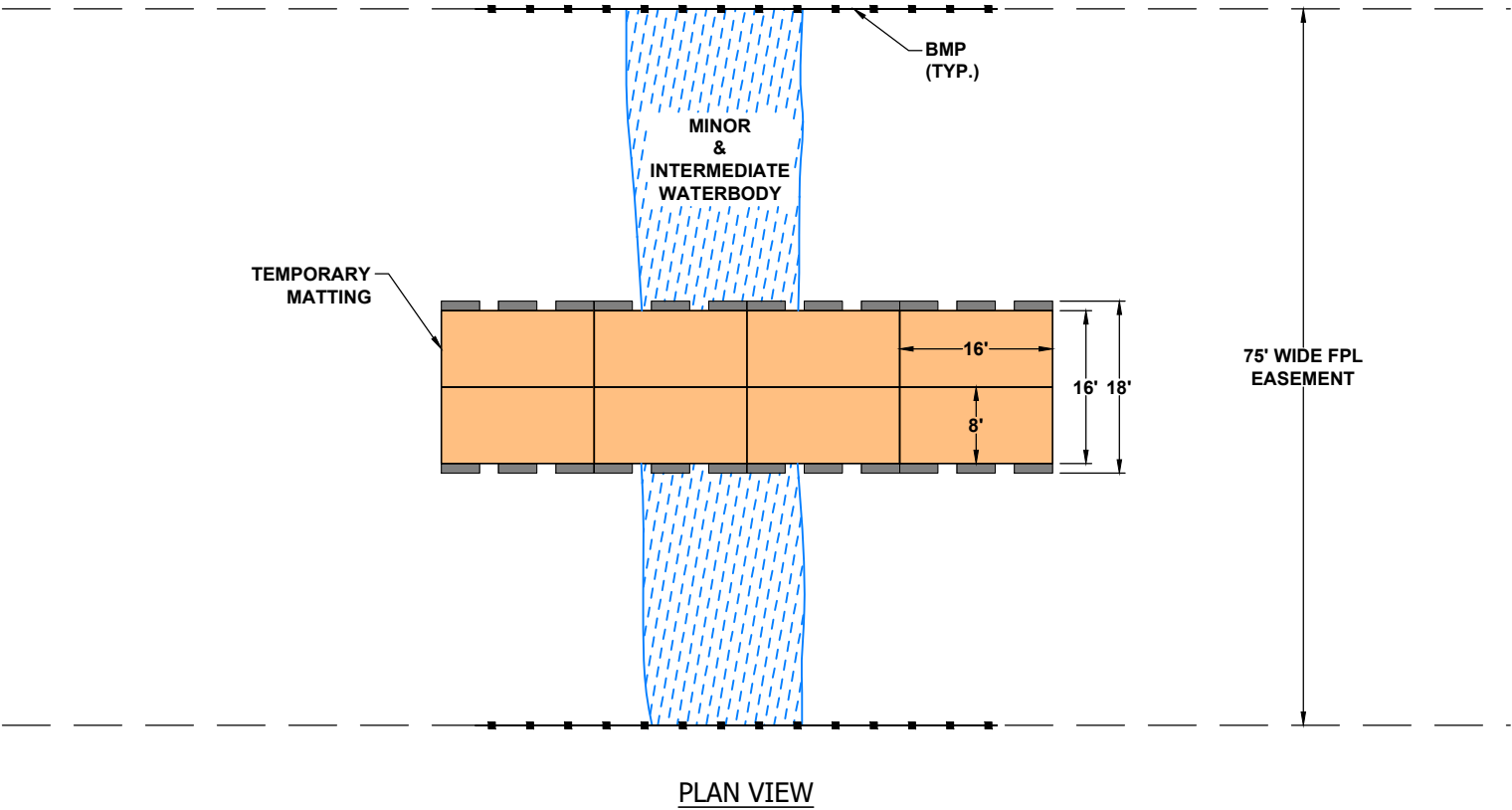
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FLORIDA POWER & LIGHT COMPANY			Sweatt-Whidden TLSA Project, TA22-19		
SCALE: NTS DRAWN BY: ANG ENGINEER: MKL COUNTY: OKEECHOBEE SHEET 7 OF 8			DATE: 8/29/2023 CHECKED BY: BJW SECTION: AS SHOWN		
			TYPICAL RIGHT-OF-WAY MAINTENANCE		



0	8/29/2023	ISSUED FOR PERMIT SUBMITTAL	ANG	BJW	BJW
REV	DATE	DESCRIPTION	BY	CKD	APP

FLORIDA POWER & LIGHT COMPANY		Sweatt-Whidden TLSA Project, TA22-19	
SCALE: NTS DRAWN BY: ANG ENGINEER: MKL COUNTY: OKEECHOBEE SHEET 8 OF 8		DATE: 8/29/2023 CHECKED BY: BJW SECTION: AS SHOWN	
		TYPICAL RIGHT-OF-WAY MAINTENANCE	



0	8/29/2023	ISSUED FOR PERMIT SUBMITTAL	ANG	BJW	BJW
REV	DATE	DESCRIPTION	BY	CKD	APP

FLORIDA POWER & LIGHT COMPANY

Sweatt-Whidden TLISA Project, TA22-19

SCALE: NTS
DRAWN BY: ANG
ENGINEER: MKL
COUNTY: OKEECHOBEE
SHEET 1 OF 1

DATE: 8/29/2023
CHECKED BY: BJW
SECTION: AS SHOWN



NON-FLOWING WATERBODY CROSSING

Attachment 6A Project Description and Construction Methods

Attachment 6A – Project Description

Florida Power & Light Company (FPL) is proposing to construct a new 230-kilovolt (kV) transmission line, Sweatt-Whidden (Project), which is scheduled to be in service by December 2025. The Project will extend approximately 80.5 miles traversing through multiple counties in a combination of existing and new rights-of-way. The Project originates at FPL's existing Sweatt substation located in Okeechobee County and terminates at FPL's existing Whidden substation located in DeSoto County. Substations are not part of the certified project and improvements to the substations are not included in this submittal.

The project will increase the capacity and reliability of the existing transmission network in the central Florida area in a manner consistent with North American Electric Reliability Corporation and other applicable transmission system standards. The Project will consist of a single-circuit, 230-kV transmission line extending from FPL's existing Whidden substation in DeSoto County, Florida, to the existing FPL Sweatt substation in Okeechobee County, Florida (Figure 1-3). Several sections may involve rebuilding existing utility (transmission and/or distribution) lines within existing utility corridors to accommodate the new circuit where practicable. Additional agreements, easements, or special use and/or right-of-way use may be required in these areas. Other areas will require new easements for the placement of transmission facilities.

The scope of this submittal includes construction of Segment 3 of the new transmission line extending from Glades Electric Cooperative's Morris substation (to be renamed Waterway) in Highlands County to the existing FPL Dorr Field substation in DeSoto County, Florida. This is the third segment of the larger project that will traverse through three Florida counties: Okeechobee, Highlands, and DeSoto. See Attachment 1 for an overview map depicting the four project segments.

Impacts to wetlands will be minimized by selective pole placement and the minimization of access roads. No new permanent roads are anticipated for this project.

PROJECT PURPOSE AND NEED

The need for the Project is based on the following considerations:

- Improvement of reliability for FPL customers served from the existing 69-kV circuit between Okeechobee and Whidden substations;
- Establishment of an additional transmission path to increase east-to-west power transfer capabilities; and
- Mitigation of potential overloads and low voltage conditions under contingency events.

The Project will efficiently and effectively meet this need by improving reliability for FPL customers currently served from the existing 69-kV circuit between Okeechobee and Whidden substations; increasing east-to-west power transfer capabilities of the transmission network by providing a resilient, hardened 230-kV circuit between the east and west areas of FPL's territory north of Lake Okeechobee; relieving potential overloads and low voltage conditions under contingency events; and reducing line loading on existing transmission circuits.

FPL evaluated multiple transmission alternatives for meeting this identified need, which resulted in the selection of the Project. The Project presents the best alternative, taking into account the demand for electricity, enhancing electric system reliability and integrity, and addressing the need for abundant, low-cost electrical energy to assure the economic well-being of the citizens of this state. Furthermore, the Project meets area load requirements by serving potential future industrial, commercial, and residential load, while maximizing system reliability and minimizing cost to customers.

PROJECT LOCATION

The entire project is approximately 80.5 miles in length and traverses portions of three Florida counties: Okeechobee, Highlands, and DeSoto. Segment 3 is specific to the central 37 miles of the project, in Highlands and DeSoto counties, between the Morris/Waterway and Dorr Field substations. Attachments 1, 2 and 16 provide the project location map, Section-Township-Range map, and Route of Line maps, respectively.

PROJECT FACILITIES

The Project will be constructed using monopole, self-supported structures. Where engineering considerations require, the poles may require guy wires. Structures will either be spun concrete or steel. The aerial overhead transmission line will have three phases and an /overhead ground wire. Construction of Segment 3 will involve the rebuilding/ replacement of existing distribution structures, and in some sections, distribution underbuilt facilities will be attached to the new structures.

For the purpose of both construction and maintenance, both temporary and permanent easements may be required although much of the project will involve replacing structures within existing FPL easement. Transmission poles to construct this Project will vary in height from 75 to 110 feet above ground height, typically. Poles will be approximately 3 to 4 feet in diameter, and foundations will be either direct embedded or augered, cast-in-place concrete varying in width from 4 to 8 feet for steel structures. Pole spacing will typically vary from 300 to 750 feet, depending on physical features and site conditions along the right-of-way. See Attachment 6 for typical drawings.

The Project will be built using standard construction techniques. Existing paved and unpaved access roads will be utilized for construction and maintenance of the Project to the extent practicable. Based on their condition, some improvements to these existing access roads may be required.

Both temporary and permanent easements may be acquired for both construction and maintenance access purposes. It is anticipated for Segment 3, most construction access will be from existing easement and road rights-of-way where matting will be used temporarily. See Attachments 6 and 16 for typical drawings and route of line/civil drawings, respectively.

Permanent patrol roads will not be constructed. However, both temporary and permanent easements along the road rights-of-way are being acquired for both construction and maintenance purposes. The width and length of off-road right-of-way access points will vary as needed,

depending on site-specific locations and landowner negotiations. Substation expansions will be permitted outside of this process and are not included in this submittal.

DESIGN CODES AND STANDARDS

The primary code used in design of transmission lines is the National Electrical Safety Code (NESC), 2017 Edition. The NESC is an American National Standards Institute standard that covers electrical clearances and loading and strength requirements, including extreme wind. Codes and standards of other agencies and standard organizations that provide rules, guidelines, and conditions for particulars not specified by NESC but used to design and construct proposed transmission lines include the following:

- Occupational Safety and Health Administration rules, which provide requirements for safe minimum approach distances during construction;
- American Society of Civil Engineers Manual of Practice No. 74, Guidelines for Electrical Transmission Line Structural Loading, 2009, and Standard No. 048 11, Design of Steel Transmission Pole Structures, if using steel structures;
- Federal Aviation Administration guidelines (Title 14, Part 77, Code of Federal Regulation), which cover requirements in the vicinity of airports, if applicable;
- Florida Department of Environmental Protection regulations for electric and magnetic fields from electrical transmission lines under the provisions of Sections 403.061(30) and 403.523(14), Florida Statutes (The pertinent rule is 62-814, Florida Administrative Code. No permit is issued; however, utility companies can demonstrate compliance with the regulations with monitoring.); and
- Florida Department of Transportation 2017 Utility Accommodation Manual.

These codes, guidelines, and standards provide design parameters with the goal of protecting public safety.

CONSTRUCTION OF THE FACILITIES

General Construction Description

The Project will not construct new permanent roads but will instead utilize roadless construction techniques to minimize impacts to wetland features. Permanent impacts will be limited to the footprint of the transmission line structures, and selection of those pole placement locations has been planned to avoid or minimize impacts to wetlands and water bodies to the extent practicable. Temporary impacts to wetlands will be restricted to areas where access or construction workspace is needed. Matting will be used to protect wetlands where impacts cannot be avoided. The route of line/civil drawings (Attachment 16) depict where those temporary impacts are expected to occur. Following construction, natural contours will be restored to preconstruction levels. In areas where clearing is required, some forested wetlands will be converted to herbaceous. Those impacts may be found in Attachment 10, Impacts Table and Functional Loss Calculations, and are depicted in Attachment 17, Wetland Impacts Map.

The Project will use a combination of skilled construction personnel. Prior to clearing, survey crews will enter the transmission right-of-way to establish clearing limits followed by clearing crews, which will generally consist of laborers and equipment operators. After clearing is complete, matting will be placed as needed by matting crews. Foundation installation and excavation will be completed by site civil personnel, which, similar to clearing and matting, will consist of laborers and equipment operators. Concrete workers will also be utilized for those structures supported by auger cast foundations. Structure setting, framing, and conductor installation will be performed by experienced transmission line workers, crane operators, and other heavy equipment operators. Clearing crews will be utilized to maintain stormwater pollution prevention plan measures and right-of-way restoration. Continuous oversight of construction operations will be provided by FPL Construction Management, with daily direct supervision of construction (including adherence to safety and environmental requirements) performed by the general contractor's supervisory personnel.

Construction sequencing along several spreads will keep the duration of construction to a minimum and limit the disturbance of the temporary matting. Attachment 6 provides an exhibit on typical matting detail. Once construction is completed, the area will be returned to its original contours.

Best management practices (BMPs) will be implemented during construction to prevent or minimize the release of fluids from construction-related equipment.

Construction Clearing Methods

The work area will be cleared according to area type (i.e., wetland, upland) using the following methods. In general, vegetation removal will occur in the work area to the widths specified on the plans:

- Clearing Within Wetlands—Removal of trees by hand or utilizing low ground pressure equipment to reduce soil compaction and damage to ground cover and mowing of remaining vegetation with a low ground pressure flail or grinder type mower. Removable construction matting in conjunction with BMPs may be used in wetlands to support equipment. Final cut height of tree stumps will be either the top of water or ground surface, whichever is higher. Cut vegetation and woody debris will be removed and resulting ruts will be repaired.
- Mowing Within Wetlands—Shrub vegetation will be mowed to ground surface or top of water, whichever is higher, utilizing a low ground pressure flail or grinder type mower. Woody debris will be removed and resulting ruts will be repaired.
- Clearing Within Uplands—At minimum, all at-grade roads, pads, structure, and guy areas will be grubbed. Remaining tree removal can be grubbed or stumps ground to below ground surface. Remaining shrubs and ground cover can be grubbed or mowed. Disturbed areas will be filled, leveled, and stabilized with seed and mulch. Disturbed slopes will be sodded and staked.

Construction Schedule

The transmission line pre-construction activities in Segment 3 are anticipated to begin in the spring of 2025 and be completed approximately 12 months later.

TLSA Segment 3: Waterway-Dorr Field Schedule												
Activity	2025											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Vegetation Clearing	1/1				5/1							
Installation and removal of erosion & turbidity control and stabilization	1/1											12/1
Dredging and Filling (Pole Installation)		2/1									11/1	

Access to Right-of-Way

FPL is currently negotiating agreements with landowners for temporary and permanent easements for both construction and maintenance access where needed. No new roads are proposed. For Segment 3: Waterway – Dorr Field, it is anticipated that access will be along existing easement or from road rights-of-way. Improvements for access are expected to be limited to light grading, filling of potholes, and light tree trimming. Matting will be used as needed to address site-specific conditions to be assessed at the time of construction. Attachment 6 provides a typical drawing for site-specific matting.

Operations and Maintenance

Once constructed, the transmission line would be in service continuously for approximately 50 years. Routine inspection/maintenance will be conducted for poles, conductors, vegetation management, and the right-of-way once a year from the ground. Additional inspections may also be conducted by helicopter, or drone, on an as-needed basis.

FPL's vegetation management practices are to use an integrated vegetation management approach to achieve program objectives through:

- Identification of compatible and incompatible vegetation through inspections that occur two times a year.
- Implementation of appropriate control methods to discourage incompatible vegetation.
- Promotion of compatible vegetation.

Control methods are based on environmental impact and anticipated effectiveness, along with site characteristics, security, economics, current land use, and other factors. These methods include, but are not limited to pruning, removal, herbicide application, and mowing. Typical mowing cycles are on a regular maintenance cycle, whereas other work activities are performed as needed.

Attachment 10 Impacts Table and Functional Loss Calculations

Attachment 10 - All Wetland and Surface Waters Impacts (in Project Footprint)

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Total Wetland Acreage
D-01	512	Temp Impact	0.00	0.16
D-02	512	Temp Impact	0.02	0.04
D-10A	512	Temp Impact	0.05	0.21
D-10B	512	Temp Impact	0.01	0.01
D-100A	512	Temp Impact	0.02	0.02
D-100B	512	Temp Impact	0.68	0.69
D-101A	512	Temp Impact	0.15	0.25
D-101B	512	Temp Impact	0.05	0.05
D-102A	512	Temp Impact	0.02	0.08
D-102B	512	Temp Impact	0.04	0.06
D-103A	512	Temp Impact	0.01	0.02
D-103B	512	Temp Impact	0.01	0.18
D-104A	512	Temp Impact	0.03	0.03
D-104B	512	Temp Impact	0.11	0.11
D-105A	512	Temp Impact	0.00	0.00
D-105B	512	Temp Impact	2.61	3.32
D-106	512	Temp Impact	0.56	0.71
D-108	512	Temp Impact	0.06	0.06
D-11	512	Temp Impact	0.00	0.00
D-110	512	Temp Impact	0.02	0.02
D-112	512	Temp Impact	0.09	0.09
D-116	512	Temp Impact	0.01	0.02
D-12	512	Temp Impact	0.00	0.00
D-13	512	Temp Impact	0.00	0.00
D-139A	512	Temp Impact	0.03	0.03
D-139B	512	Temp Impact	0.02	0.03
D-14	512	Temp Impact	0.01	0.01
D-141	512	Temp Impact	0.17	0.20
D-142	512	Temp Impact	0.05	0.09
D-143	512	Temp Impact	0.03	0.03
D-144	512	Temp Impact	0.03	0.04
D-145	512	Temp Impact	0.04	0.04
D-146	512	Temp Impact	0.01	0.01
D-146	512	Temp Impact	0.01	0.01
D-147	512	Temp Impact	0.02	0.02
D-148	512	Temp Impact	0.10	0.14
D-15A	512	Temp Impact	0.01	0.01
D-15B	512	Temp Impact	0.13	0.13
D-150	512	Temp Impact	0.86	1.24
D-150	512	Temp Impact	0.64	0.64
D-151	512	Temp Impact	0.00	0.03
D-154	512	Temp Impact	0.13	0.29

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Total Wetland Acreage
D-155	512	Temp Impact	1.34	1.34
D-157	512	Temp Impact	0.38	0.38
D-158	512	Temp Impact	0.15	0.19
D-159	512	Temp Impact	0.05	0.05
D-16	512	Temp Impact	0.02	0.02
D-164	512	Temp Impact	0.01	0.01
D-166	512	Temp Impact	0.05	0.44
D-17	512	Temp Impact	0.13	0.13
D-173	512	Temp Impact	0.08	0.08
D-174	512	Temp Impact	0.08	0.08
D-175	512	Temp Impact	0.30	0.32
D-177	512	Temp Impact	0.99	0.99
D-178A	512	Temp Impact	0.08	0.08
D-178B	512	Temp Impact	0.83	0.83
D-18	512	Temp Impact	0.04	0.04
D-180	512	Temp Impact	0.30	0.30
D-181	512	Temp Impact	0.39	0.39
D-182	512	Temp Impact	0.39	0.39
D-184	512	Temp Impact	0.31	0.31
D-185	512	Temp Impact	0.37	0.37
D-187A	512	Temp Impact	0.12	0.12
D-187B	512	Temp Impact	0.14	0.14
D-187C	512	Temp Impact	0.03	0.03
D-188A	512	Temp Impact	0.24	0.24
D-188B	512	Temp Impact	0.04	0.04
D-189	512	Temp Impact	0.12	0.12
D-19	512	Temp Impact	0.00	0.00
D-191	512	Temp Impact	0.08	0.08
D-192	512	Temp Impact	0.24	0.24
D-193	510	Temp Impact	0.00	0.03
D-194	510	Temp Impact	0.06	0.06
D-195	512	Temp Impact	0.24	0.24
D-197	512	Temp Impact	0.13	0.13
D-2	512	Temp Impact	0.05	0.05
D-20	512	Temp Impact	0.02	0.05
D-200	512	Temp Impact	0.14	0.14
D-201	512	Temp Impact	0.00	0.00
D-202	512	Temp Impact	0.15	0.15
D-203A	512	Temp Impact	0.06	0.06
D-203B	512	Temp Impact	0.04	0.06
D-21A	512	Temp Impact	0.83	1.39
D-21B	512	Temp Impact	0.02	0.02
D-22A	512	Temp Impact	0.06	0.10
D-22B	512	Temp Impact	0.05	0.06

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Total Wetland Acreage
D-23A	512	Temp Impact	0.09	5.16
D-23B	512	Temp Impact	0.24	0.71
D-24	512	Temp Impact	0.78	2.45
D-25B	512	Temp Impact	1.16	2.94
D-25C	512	Temp Impact	0.20	0.27
D-25A	512	Temp Impact	0.00	3.49
D-26	512	Temp Impact	0.81	2.47
D-27B	512	Temp Impact	0.50	2.21
D-27C	512	Temp Impact	0.00	0.04
D-272	512	Temp Impact	0.18	0.18
D-27A	512	Temp Impact	0.01	3.12
D-28A	512	Temp Impact	0.12	0.18
D-28B	512	Temp Impact	0.04	0.04
D-3A	512	Temp Impact	0.00	0.00
D-3B	512	Temp Impact	0.07	0.07
D-3C	512	Temp Impact	0.02	0.02
D-30A	512	Temp Impact	0.02	2.10
D-30B	512	Temp Impact	0.12	0.12
D-31A	512	Temp Impact	0.06	2.08
D-31B	512	Temp Impact	0.15	0.21
D-32	512	Temp Impact	0.33	0.33
D-33	512	Temp Impact	0.10	0.25
D-34	512	Temp Impact	0.17	0.30
D-4	512	Temp Impact	0.00	0.05
D-5A	512	Temp Impact	0.18	0.20
D-5B	512	Temp Impact	0.31	0.31
D-6A	512	Temp Impact	0.02	0.03
D-6B	512	Temp Impact	0.05	0.06
D-7A	512	Temp Impact	0.05	0.26
D-7B	512	Temp Impact	0.10	0.10
D-77B	512	Temp Impact	0.02	0.12
D-77A	512	Temp Impact	0.03	0.10
D-79	512	Temp Impact	0.04	1.00
D-8	512	Temp Impact	0.03	0.14
D-83	512	Temp Impact	0.02	0.03
D-86	512	Temp Impact	0.06	0.06
D-87	512	Temp Impact	0.02	0.02
D-88	512	Temp Impact	0.00	0.01
D-89	512	Temp Impact	0.06	0.34
D-9	512	Temp Impact	0.10	0.18
D-90A	512	Temp Impact	0.00	0.41
D-90B	512	Temp Impact	0.09	0.09
D-91	512	Temp Impact	0.12	0.19
D-92A	512	Temp Impact	0.05	0.40

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Total Wetland Acreage
D-92B	512	Temp Impact	1.78	2.00
D-94	512	Temp Impact	0.01	0.04
D-95	512	Temp Impact	0.01	0.05
D-96A	512	Temp Impact	0.02	0.02
D-96B	512	Temp Impact	0.01	0.02
D-97	512	Temp Impact	0.01	0.11
D-98A	512	Temp Impact	0.04	0.04
D-98B	512	Temp Impact	0.00	0.00
D-99A	512	Temp Impact	0.02	0.02
D-99B	512	Temp Impact	0.03	0.03
S-91	510	Temp Impact	0.29	2.80
SW-176	510	Temp Impact	0.15	0.17
SW-179	510	Temp Impact	0.09	0.10
SW-190	510	Temp Impact	0.13	0.16
SW-20	510	Temp Impact	0.21	0.49
SW-28	523	Temp Impact	0.11	1.06
SW-4	510	Temp Impact	0.06	0.21
SW-78	524	Temp Impact	0.02	0.02
SW-89	524	Temp Impact	0.13	0.16
WB-78	524	Temp Impact	0.07	0.08
DW-1	512	Temp Impact	0.17	2.37
DW-2	641	Temp Impact	0.22	1.71
DW-5	641	Temp Impact	0.39	0.55
DW-6	641	Temp Impact	0.07	0.49
DW-8	641	Temp Impact	0.07	0.32
DW-9	512	Temp Impact	0.01	0.03
DW-11	630	Perm Conversion	0.01	1.54
DW-12	641	Perm Maintained	0.06	3.44
W-1	641	Temp Impact	0.26	0.30
W-1	641	Structure Fill	0.001154	
W-11	641	Temp Impact	1.64	13.90
W-11	641	Perm Maintained	0.61	
W-111	619	Temp Impact	0.02	0.20
W-111	619	Perm Conversion	0.13	
W-112	641	Temp Impact	0.36	0.38
W-112	641	Structure Fill	0.001154	
W-113	619	Temp Impact	0.02	0.03
W-114	619	Temp Impact	0.89	1.13
W-114	619	Structure Fill	0.001154	
W-115	641	Temp Impact	0.41	0.43
W-115	641	Structure Fill	0.001154	
W-118	641	Temp Impact	0.02	0.02
W-12	630	Temp Impact	2.43	4.67
W-12	630	Structure Fill	0.001154	

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Total Wetland Acreage
W-12	630	Structure Fill	0.001154	
W-124	641	Temp Impact	0.68	0.82
W-124	641	Structure Fill	0.001154	
W-125	631	Temp Impact	0.05	0.83
W-125A	641	Temp Impact	0.17	1.67
W-126	641	Temp Impact	0.04	0.08
W-127	641	Temp Impact	0.34	0.51
W-128	641	Temp Impact	0.13	0.19
W-129	619	Temp Impact	0.18	0.31
W-13	641	Temp Impact	3.15	6.21
W-13	641	Structure Fill	0.001154	
W-13	641	Structure Fill	0.001154	
W-13	641	Structure Fill	0.001154	
W-13	641	Structure Fill	0.001154	
W-136	631	Temp Impact	0.69	3.89
W-137	631	Temp Impact	0.40	3.39
W-14	641	Temp Impact	0.07	0.08
W-140	641	Temp Impact	0.18	2.01
W-140	630	Temp Impact	0.06	
W-149	641	Temp Impact	1.43	2.02
W-15	641	Temp Impact	0.05	0.05
W-152	641	Temp Impact	0.14	0.28
W-153	641	Temp Impact	0.19	0.43
W-156	641	Temp Impact	0.04	0.04
W-16	641	Temp Impact	0.01	0.01
W-160	641	Temp Impact	0.01	0.28
W-161	641	Temp Impact	0.11	1.61
W-165	641	Temp Impact	0.42	1.16
W-165	641	Perm Maintained	0.71	
W-165	641	Structure Fill	0.001154	
W-165	641	Structure Fill	0.001154	
W-165	641	Structure Fill	0.001154	
W-17	641	Temp Impact	0.03	0.04
W-172	641	Temp Impact	1.00	3.01
W-172	641	Perm Maintained	1.35	
W-172	641	Structure Fill	0.001154	
W-172	641	Structure Fill	0.001154	
W-172	641	Structure Fill	0.001154	
W-186	641	Temp Impact	0.11	0.29
W-186	641	Perm Maintained	0.14	
W-186	641	Structure Fill	0.001154	
W-18A	641	Temp Impact	2.08	2.55
W-18A	641	Structure Fill	0.001154	

Wetland ID	FLUCFCS	Impact Type	Impact Acreage	Total Wetland Acreage
W-18A	641	Structure Fill	0.001154	
W-18B	641	Temp Impact	1.15	1.48
W-18B	641	Structure Fill	0.001154	
W-18B	641	Structure Fill	0.001154	
W-19	630	Temp Impact	0.76	0.77
W-19	630	Structure Fill	0.001154	
W-196	641	Temp Impact	0.19	0.35
W-196	641	Perm Maintained	0.16	
W-198	641	Temp Impact	0.04	0.12
W-198	641	Perm Maintained	0.06	
W-199	641	Temp Impact	0.03	0.12
W-199	641	Perm Maintained	0.04	
W-2	641	Temp Impact	0.04	0.06
W-205	641	Temp Impact	0.05	0.14
W-205	641	Perm Maintained	0.09	
W-273	610	Temp Impact	0.38	0.83
W-273	610	Perm Conversion	0.23	
W-273	610	Structure Fill	0.001154	
W-273	610	Structure Fill	0.001154	
W-274	610	Temp Impact	0.39	2.27
W-274	610	Perm Conversion	0.25	
W-274	610	Structure Fill	0.001154	
W-274	610	Structure Fill	0.001154	
W-275	610	Temp Impact	0.39	1.41
W-275	610	Perm Conversion	0.30	
W-275	610	Structure Fill	0.001154	
W-275	610	Structure Fill	0.001154	
W-3	641	Temp Impact	0.52	0.56
W-3	641	Structure Fill	0.001154	
W-4	641	Temp Impact	0.60	1.01
W-4	641	Perm Maintained	0.15	
W-4	641	Structure Fill	0.001154	
W-80	641	Temp Impact	0.09	0.09
W-81	641	Temp Impact	0.03	0.08
W-82	641	Temp Impact	0.06	0.07
W-84	641	Temp Impact	0.12	0.15
W-85	641	Temp Impact	0.12	0.19
Total			53.75	132.75

Red Text Indicates NWI Desktopped Data

Project Footprint includes both Temporary Workspace plus Narrowed Corridor (eventual ROW)

Attachment 10 - Forested Wetland Impacts (Permanently Maintained/Permanent Conversion)

Existing Conditions (Pre-Project)							With Project							
Wetland ID	FLUCFCS	Location Landscape Support	Water Environment	Community Structure	Current UMAM	Conversion Acreage within Permanently Maintained Footprint		Location Landscape Support **	Water Environment	Community Structure	UMAM	Delta	Functional Loss	Time Lag
W-111	619	3	3	4	0.33	0.13		2	3	2	0.233	0.097	0.0130	1.0
W-273	610	4	6	7	0.56	0.23		3	6	3	0.400	0.160	0.0362	1.0
W-274	610	4	6	7	0.56	0.25		3	6	3	0.400	0.160	0.0401	1.0
W-275	610	4	6	7	0.56	0.29		3	6	3	0.400	0.160	0.0471	1.0
NWI: DW-11	630	3	6	6	0.56	0.01		2	6	3	0.367	0.193	0.0010	1.0
0.91							0.1374							

** With Project Location and Landscape scores were reduced by 1 in areas where project is collocated along existing fences and impervious surfaces that currently pose barriers to wildlife.

Red Text Indicates NWI Desktopped Data

Attachment 10 - Forested Wetlands - Temporary Construction Impacts

Existing Conditions (Pre-Project)								Location Landscape Support *	Water Environmen t	Community Structure	UMAM Post Construction	Delta	Time Lag **	Functional Loss
Wetland ID	FLUCFCS	Location Landscape Support	Water Environment	Community Structure	Current UMAM	Acreage Impacted outside Permanently Maintained Footprint								
W-12	630	3	6	6	0.50	2.42		2	6	3	0.367	0.13	1.46	0.472
W-19	630	3	6	6	0.50	0.76		2	6	3	0.367	0.13	1.46	0.15
W-111	619	3	3	4	0.33	0.02		2	3	3	0.267	0.07	1.46	0.00
W-113	619	3	3	4	0.33	0.02		2	3	3	0.267	0.07	1.46	0.00
W-114	619	3	3	4	0.33	0.88		2	3	3	0.267	0.07	1.46	0.09
W-125	631	3	3	3	0.30	0.05		2	3	3	0.267	0.03	1.46	0.00
W-129	619	3	3	4	0.33	0.18		2	3	3	0.267	0.07	1.46	0.02
W-136	631	3	3	3	0.30	0.69		2	3	3	0.267	0.03	1.46	0.03
W-137	631	3	3	3	0.30	0.40		2	3	3	0.267	0.03	1.46	0.02
W-140	630	3	4	6	0.43	0.06		2	4	3	0.300	0.13	1.46	0.01
W-273	610	4	6	7	0.57	0.38		3	6	3	0.400	0.17	1.46	0.09
W-274	610	4	6	7	0.57	0.39		3	6	3	0.400	0.17	1.46	0.09
W-275	610	4	6	7	0.57	0.39		3	6	3	0.400	0.17	1.46	0.09
6.65														1.08

Red Text Indicates NWI Desktopped Data

* With Project Location and Landscape scores were reduced by 1 in areas where project is collocated along existing fences and impervious surfaces that currently pose barriers to wildlife.

** Assumes Time Lag of 1.46 for 15 years estimated for reestablishment of reduced forested wetland function.

Assumes Risk Factor of 1 (*de minimis*)

Attachment 10 - Non-Forested Wetland Impacts (Temporary Impacts and Permanently Maintained)

Name	FLUCCS	Impact Type	UMAM	Impact Acres	Subtracted Pole Impact (ac.)
W-1	641	Temp Impact	0.26	0.26	0.26
W-2	641	Temp Impact	0.30	0.04	0.04
W-3	641	Temp Impact	0.37	0.52	0.52
W-4	641	Temp Impact	0.37	0.60	0.60
W-11	641	Temp Impact	0.37	1.64	1.64
W-13	641	Temp Impact	0.26	3.15	3.15
W-81	641	Temp Impact	0.30	0.03	0.03
W-80	641	Temp Impact	0.33	0.09	0.09
W-82	641	Temp Impact	0.33	0.06	0.06
W-84	641	Temp Impact	0.30	0.12	0.12
W-85	641	Temp Impact	0.30	0.12	0.12
W-14	641	Temp Impact	0.26	0.07	0.07
W-15	641	Temp Impact	0.30	0.05	0.05
W-16	641	Temp Impact	0.30	0.01	0.01
W-18A	641	Temp Impact	0.33	2.08	2.08
W-18B	641	Temp Impact	0.33	1.15	1.15
W-118	641	Temp Impact	0.30	0.02	0.02
W-126	641	Temp Impact	0.23	0.04	0.04
W-127	641	Temp Impact	0.30	0.34	0.34
W-128	641	Temp Impact	0.23	0.13	0.13
W-112	641	Temp Impact	0.26	0.36	0.35
W-115	641	Temp Impact	0.37	0.41	0.41
W-124	641	Temp Impact	0.37	0.68	0.68
W-125A	641	Temp Impact	0.37	0.17	0.17
W-165	641	Temp Impact	0.23	0.42	0.42
W-161	641	Temp Impact	0.37	0.11	0.11
W-160	641	Temp Impact	0.33	0.01	0.01
W-140	641	Temp Impact	0.33	0.18	0.18
W-149	641	Temp Impact	0.33	1.43	1.43
W-152	641	Temp Impact	0.37	0.14	0.14
W-153	641	Temp Impact	0.26	0.19	0.19
W-17	641	Temp Impact	0.23	0.03	0.03
W-172	641	Temp Impact	0.33	1.00	1.00
W-196	641	Temp Impact	0.26	0.19	0.19
W-156	641	Temp Impact	0.30	0.04	0.04
W-186	641	Temp Impact	0.30	0.11	0.11
W-199	641	Temp Impact	0.23	0.03	0.03
W-205	641	Temp Impact	0.30	0.05	0.05
W-198	641	Temp Impact	0.23	0.04	0.04
W-4	641	Perm Maintained	0.37	0.15	0.15
W-11	641	Perm Maintained	0.37	0.61	0.61
W-165	641	Perm Maintained	0.23	0.71	0.71
W-172	641	Perm Maintained	0.33	1.35	1.34
W-196	641	Perm Maintained	0.26	0.16	0.16
W-186	641	Perm Maintained	0.30	0.14	0.14
W-199	641	Perm Maintained	0.23	0.04	0.04
W-205	641	Perm Maintained	0.30	0.09	0.09
W-198	641	Perm Maintained	0.23	0.06	0.06
NWI: DW-2	641	Temp Impact		0.22	0.22
NWI: DW-5	641	Temp Impact		0.39	0.39
NWI: DW-6	641	Temp Impact		0.07	0.07
NWI: DW-8	641	Temp Impact		0.07	0.07
NWI: DW-12	641	Perm Maintained		0.06	0.06
Total				20.23	20.20

Red Text Indicates NWI Desktopped Data

Attachment 10 - Forested and Non-forested Wetlands (Permanent Fill Impacts)

Wetland/ Waterbody Type	Impact	Wetland/ Waterbody ID	Existing Conditions (Pre-Project)			With Project		
			FLUCFCS	County	UMAM	Permanent Fill within Permanently Maintained Footprint (acres)	Permanent Fill (Rounded)	Functional Loss
Wetland	perm fill	W-273	610	Highlands	0.5667	0.001154	0.00	0.00
Wetland	perm fill	W-273	610	Highlands	0.5667	0.001154	0.00	0.00
Wetland	perm fill	W-274	610	Highlands	0.5667	0.001154	0.00	0.00
Wetland	perm fill	W-274	610	Highlands	0.5667	0.001154	0.00	0.00
Wetland	perm fill	W-275	610	Highlands	0.5667	0.001154	0.00	0.00
Wetland	perm fill	W-275	610	Highlands	0.5667	0.001154	0.00	0.00
Wetland	perm fill	W-114	619	Highlands	0.333	0.001154	0.00	0.00
Wetland	perm fill	W-12	630	Highlands	0.500	0.001154	0.00	0.00
Wetland	perm fill	W-12	630	Highlands	0.500	0.001154	0.00	0.00
Wetland	perm fill	W-19	630	Highlands	0.500	0.001154	0.00	0.00
Wetland	perm fill	W-1	641	Highlands	0.2667	0.001154	0.00	0.00
Wetland	perm fill	W-3	641	Highlands	0.3667	0.001154	0.00	0.00
Wetland	perm fill	W-4	641	Highlands	0.3667	0.001154	0.00	0.00
Wetland	perm fill	W-13	641	Highlands	0.2667	0.001154	0.00	0.00
Wetland	perm fill	W-13	641	Highlands	0.2667	0.001154	0.00	0.00
Wetland	perm fill	W-13	641	Highlands	0.2667	0.001154	0.00	0.00
Wetland	perm fill	W-13	641	Highlands	0.2667	0.001154	0.00	0.00
Wetland	perm fill	W-18A	641	Highlands	0.3333	0.001154	0.00	0.00
Wetland	perm fill	W-18A	641	Highlands	0.3333	0.001154	0.00	0.00
Wetland	perm fill	W-18B	641	Highlands	0.3333	0.001154	0.00	0.00
Wetland	perm fill	W-18B	641	Highlands	0.3333	0.001154	0.00	0.00
Wetland	perm fill	W-112	641	Highlands	0.2667	0.001154	0.00	0.00
Wetland	perm fill	W-115	641	Highlands	0.3667	0.001154	0.00	0.00
Wetland	perm fill	W-124	641	Highlands	0.3333	0.001154	0.00	0.00
Wetland	perm fill	W-165	641	Highlands	0.2333	0.001154	0.00	0.00
Wetland	perm fill	W-165	641	Highlands	0.2333	0.001154	0.00	0.00
Wetland	perm fill	W-165	641	Highlands	0.2333	0.001154	0.00	0.00
Wetland	perm fill	W-172	641	DeSoto	0.3333	0.001154	0.00	0.00
Wetland	perm fill	W-172	641	DeSoto	0.3333	0.001154	0.00	0.00
Wetland	perm fill	W-172	641	DeSoto	0.3333	0.001154	0.00	0.00
Wetland	perm fill	W-172	641	DeSoto	0.3333	0.001154	0.00	0.00
Wetland	perm fill	W-186	641	DeSoto	0.2667	0.001154	0.00	0.00
Total						0.036928	0.04	0.04

Transmission line structures = 0.001154 acre impact

Attachment 10 - Surface Water Impacts (Temporary Impacts)

Name	Impact Type	FLUCCS	Impact Acres
D-01	Temp Impact	512	0.00
D-02	Temp Impact	512	0.02
D-100A	Temp Impact	512	0.02
D-100B	Temp Impact	512	0.68
D-101A	Temp Impact	512	0.15
D-101B	Temp Impact	512	0.05
D-102A	Temp Impact	512	0.02
D-102B	Temp Impact	512	0.04
D-103A	Temp Impact	512	0.01
D-103B	Temp Impact	512	0.01
D-104A	Temp Impact	512	0.03
D-104B	Temp Impact	512	0.11
D-105A	Temp Impact	512	0.00
D-105B	Temp Impact	512	2.61
D-106	Temp Impact	512	0.56
D-108	Temp Impact	512	0.06
D-10A	Temp Impact	512	0.05
D-10B	Temp Impact	512	0.01
D-11	Temp Impact	512	0.00
D-110	Temp Impact	512	0.02
D-112	Temp Impact	512	0.09
D-116	Temp Impact	512	0.01
D-12	Temp Impact	512	0.00
D-13	Temp Impact	512	0.00
D-139A	Temp Impact	512	0.03
D-139B	Temp Impact	512	0.02
D-14	Temp Impact	512	0.01
D-141	Temp Impact	512	0.17
D-142	Temp Impact	512	0.05
D-143	Temp Impact	512	0.03
D-144	Temp Impact	512	0.03
D-145	Temp Impact	512	0.04
D-146A	Temp Impact	512	0.01
D-146B	Temp Impact	512	0.01
D-147	Temp Impact	512	0.02
D-148	Temp Impact	512	0.10
D-150A	Temp Impact	512	0.01
D-150B	Temp Impact	512	0.13
D-151	Temp Impact	512	0.86
D-154	Temp Impact	512	0.64
D-155	Temp Impact	512	0.00
D-157	Temp Impact	512	0.13
D-158	Temp Impact	512	1.34
D-159	Temp Impact	512	0.38
D-15A	Temp Impact	512	0.15
D-15B	Temp Impact	512	0.05
D-16	Temp Impact	512	0.02
D-164	Temp Impact	512	0.01
D-166	Temp Impact	512	0.05
D-17	Temp Impact	512	0.13
D-173	Temp Impact	512	0.08
D-174	Temp Impact	512	0.08
D-175	Temp Impact	512	0.30
D-177	Temp Impact	512	0.99
D-178A	Temp Impact	512	0.08
D-178B	Temp Impact	512	0.83

Attachment 10 - Surface Water Impacts (Temporary Impacts)

Name	Impact Type	FLUCCS	Impact Acres
D-18	Temp Impact	512	0.04
D-180	Temp Impact	512	0.30
D-181	Temp Impact	512	0.39
D-182	Temp Impact	512	0.39
D-184	Temp Impact	512	0.31
D-185	Temp Impact	512	0.37
D-187A	Temp Impact	512	0.12
D-187B	Temp Impact	512	0.14
D-187C	Temp Impact	512	0.03
D-188A	Temp Impact	512	0.24
D-188B	Temp Impact	512	0.04
D-189	Temp Impact	512	0.12
D-19	Temp Impact	512	0.00
D-191	Temp Impact	512	0.08
D-192	Temp Impact	512	0.24
D-193	Temp Impact	510	0.00
D-194	Temp Impact	510	0.06
D-195	Temp Impact	512	0.24
D-197	Temp Impact	512	0.13
D-2	Temp Impact	512	0.05
D-20	Temp Impact	512	0.02
D-200	Temp Impact	512	0.14
D-201	Temp Impact	512	0.00
D-202	Temp Impact	512	0.15
D-203A	Temp Impact	512	0.06
D-203B	Temp Impact	512	0.04
D-21A	Temp Impact	512	0.83
D-21B	Temp Impact	512	0.02
D-22A	Temp Impact	512	0.06
D-22B	Temp Impact	512	0.05
D-23A	Temp Impact	512	0.09
D-23B	Temp Impact	512	0.24
D-24	Temp Impact	512	0.78
D-25A	Temp Impact	512	1.16
D-25B	Temp Impact	512	0.20
D-25C	Temp Impact	512	0.00
D-26	Temp Impact	512	0.81
D-272	Temp Impact	512	0.50
D-27A	Temp Impact	512	0.00
D-27B	Temp Impact	512	0.18
D-27C	Temp Impact	512	0.01
D-28A	Temp Impact	512	0.12
D-28B	Temp Impact	512	0.04
D-30A	Temp Impact	512	0.00
D-30B	Temp Impact	512	0.07
D-31A	Temp Impact	512	0.02
D-31B	Temp Impact	512	0.02
D-32	Temp Impact	512	0.12
D-33	Temp Impact	512	0.06
D-34	Temp Impact	512	0.15
D-3A	Temp Impact	512	0.33
D-3B	Temp Impact	512	0.10
D-3C	Temp Impact	512	0.17
D-4	Temp Impact	512	0.00
D-5A	Temp Impact	512	0.18
D-5B	Temp Impact	512	0.31

Attachment 10 - Surface Water Impacts (Temporary Impacts)

Name	Impact Type	FLUCCS	Impact Acres
D-6A	Temp Impact	512	0.02
D-6B	Temp Impact	512	0.05
D-77A	Temp Impact	512	0.05
D-77B	Temp Impact	512	0.10
D-79	Temp Impact	512	0.02
D-7A	Temp Impact	512	0.03
D-7B	Temp Impact	512	0.04
D-8	Temp Impact	512	0.03
D-83	Temp Impact	512	0.02
D-86	Temp Impact	512	0.06
D-87	Temp Impact	512	0.02
D-88	Temp Impact	512	0.00
D-89	Temp Impact	512	0.06
D-9	Temp Impact	512	0.10
D-90A	Temp Impact	512	0.00
D-90B	Temp Impact	512	0.09
D-91	Temp Impact	512	0.12
D-92A	Temp Impact	512	0.05
D-92B	Temp Impact	512	1.78
D-94	Temp Impact	512	0.01
D-95	Temp Impact	512	0.01
D-96A	Temp Impact	512	0.02
D-96B	Temp Impact	512	0.01
D-97	Temp Impact	512	0.01
D-98A	Temp Impact	512	0.04
D-98B	Temp Impact	512	0.00
D-99A	Temp Impact	512	0.02
D-99B	Temp Impact	512	0.03
S-91	Temp Impact	510	0.29
SW-176	Temp Impact	510	0.15
SW-179	Temp Impact	510	0.09
SW-190	Temp Impact	510	0.13
SW-20	Temp Impact	510	0.21
SW-28	Temp Impact	523	0.11
SW-4	Temp Impact	510	0.06
SW-78	Temp Impact	524	0.02
SW-89	Temp Impact	524	0.13
WB-78	Temp Impact	524	0.07
NWI: DW-1	Temp Impact	512	0.17
NWI: DW-9	Temp Impact	512	0.01
Total			25.91

Red Text Indicates NWI Desktopped Data

Attachment 11 Reduction of Impacts Narrative

Attachment 11 — Impacts Assessment/Statement of Avoidance and Minimization

PROPOSED IMPACTS

The Florida Power & Light Company Segment 3: Waterway – Dorr Field transmission project will impact a total of 53.75 acres of wetlands and surface waters. Due to the overhead nature of the project, most of these impacts will be temporary in nature and will result from typical transmission line construction activities, such as vegetation clearing, light raking, temporary construction matting, and ground disturbance from construction vehicles during installation.

For purposes of this application, most impacts are considered temporary unless there will be a permanent change in wetland type, (i.e., permanent conversion of forested wetland to non-forested wetland within the permanent maintenance area or permanent fill resulting from installation of a transmission structure). Impacts to non-forested wetland systems and water bodies are also considered temporary, as they will be restored to preconstruction condition once the transmission line has been installed. Construction and restoration activities in wetlands and water bodies will employ best management practices to minimize impacts to wetlands, such as those found in the exhibits included in Attachments 6, 6A, and 16.

Tables in Attachment 10 summarize the wetland and water body impacts by type and provide the impact type for each wetland and water body within the proposed project impact area.

Attachment 17 depicts the location of the proposed wetland and water body impacts along the proposed transmission alignment.

WETLAND IMPACTS

Temporary Construction Impacts

The project will temporarily impact 26.85 acres of forested and non-forested wetlands. The temporary impacts to non-forested wetlands within the permanently maintained project footprint (approximately 3.35 acres or approximately 12 percent of total wetland impact) are freshwater marshes (641) associated with roadside swales, agricultural fields, or cattle pastures. Approximately 16.85 acres of non-forested wetlands outside the permanent project footprint will be temporarily impacted by construction activities. These wetlands are primarily vegetated non-forested wetlands (641) associated with roadside drainages or agricultural pastures.

Approximately 6.65 acres of forested wetland will be temporarily impacted during construction. These are all associated with mixed forested wetlands (630). The temporary construction right-of-way will be restored to its preconstruction contours to avoid long-term impacts to wetland hydrology. Wetland vegetation will re-establish through natural succession once construction and restoration activities are complete. In emergent wetlands, herbaceous vegetation is expected to regenerate quickly (typically within one growing season).

Permanent Fill and Conversion Impacts

The project will result in a permanent fill of 0.037-acre of wetlands where transmission poles will be placed. These impacts were minimized by careful consideration of pole placement to avoid wetlands where practicable. Conversion of approximately 0.91-acre of forested wetland to non-

forested wetlands will occur in forested wetlands that are within the footprint of the permanently maintained right-of-way, which will not be allowed to re-establish as forest after construction, to minimize potential outages caused by trees and limbs interfering with transmission lines. Restricting the clearing footprint where possible within these permanently maintained areas will further reduce the impact acreage. The forested wetland clearing will occur over 37 miles of the proposed Waterway – Dorr Field transmission line, thus the general permit criteria of <0.5-acre of forested wetlands per ten miles of line will be met.

Following construction, these areas will be maintained as emergent or scrub/shrub wetlands, so there will be no net loss of wetlands, but rather a change of wetland type in these areas.

WATER BODY IMPACTS

Most water body impacts are proposed to be temporary in nature and limited to the construction time frame, which is expected to be approximately six months. Each water body crossing will be restored to its preconstruction contour and stabilized to minimize erosion. There will be temporary impacts to several natural streams (aerial crossing) and man-made ditches combined total impact area of approximately 25.91 acres. These crossings will be traversed using matting or temporary bridges (Attachment 6, Typical Drawings). The construction methods will include matting laid in such a way that allows for transverse water flow so as to minimize interruption to the natural water flow paths. Otherwise, the crossings will be overhead with no resulting impacts to water bodies.

ELIMINATION OR REDUCTION OF IMPACTS

Impacts to wetlands and water bodies were eliminated or reduced to the extent practicable by using the following standards:

- Designing a route that will meet project objectives while avoiding and minimizing environmental impacts;
- Locating permanent structures and other project features in uplands;
- Limiting the corridor and construction right-of-way to previously disturbed areas (e.g., electric transmission line corridors, other pipeline corridors, and road and railroad rights-of-way);
- Minimizing impacts to sensitive environmental features by using specialized construction techniques, such as matting and temporary bridges, where appropriate;
- Locating temporary workspaces and access areas within existing utility/transportation corridors or in other upland areas such as existing roads;
- Implementing best management practices and effective soil erosion control measures (e.g., silt fence, straw bales), including routine inspections during construction and until soil stabilization has occurred; and
- Minimizing the construction duration to limit the disturbance to natural resources.

Attachment 12 Fish, Wildlife, Listed Species and Their Habitats

Attachment 12 - Fish, Wildlife, Listed Species, and Their Habitats

VEGETATION

Because much of the proposed transmission right-of-way contains lands that have already been cleared and maintained, construction associated with the 230-kilovolt transmission line should not pose any significant additional adverse changes to vegetation in these areas. Limited permanent alterations will be associated with right-of-way clearing and structure installation. The proposed right-of-way crosses no large expanses of forested uplands or wetlands. Attachment 6, Typical Drawings, depicts types of impacts associated with construction that are expected to occur to the existing vegetation communities crossed by the proposed right-of-way.

In areas of the corridor where co-location opportunities occur along existing roads or other infrastructure, forested wetlands may have already been impacted. Limited additional clearing of trees directly adjacent to the existing rights-of-way may be required. In these areas, the right-of-way will subsequently be maintained in a low-growing, early successional state. Adjoining tracts of woodlands will remain intact and provide habitat for forest species. In addition, adjacent vegetation communities should not be affected by structure installation and temporary access improvements because erosion control measures will be used.

Construction practices in wetlands will retain the vegetative root mat in the right-of-way in areas not filled as part of structure installation, thereby minimizing impacts to the wetlands. Impacts to wetlands will also vary depending on the wetland system through which the transmission line is routed. The shift in wetland composition will vary with the type of original canopy and soil alterations resulting from construction activities.

WILDLIFE

Specific impacts to terrestrial and aquatic animals due to transmission line construction vary by species and depend primarily on the extent of habitat alteration and continued availability of such habitat after construction. The proposed project crosses no federally designated critical habitat. In addition, no aquatic habitats critical to the continued regional presence of important species will be affected. The co-location with existing road and transmission line rights-of-way will minimize habitat losses and avoid the creation of barriers to animals' movements.

Individual small burrowing mammals (e.g., rodents), reptiles, or amphibians may be lost during right-of-way clearing. Such individual losses, however, will not affect local or regional populations. Losses of medium-sized or large mammals, birds, or other mobile species from direct impacts or habitat alterations are not expected because of the mobility of these animals. Therefore, no adverse impacts are expected to local or regional populations of game species, species of special concern or commercial importance, or threatened or endangered species occurring or potentially occurring within the right-of-way area.

No significant impacts to resident birds or migratory species are expected since the proposed right-of-way does not include major staging, breeding, or wintering areas for social, migratory species (e.g., waterfowl, shorebirds, passerines). Local disturbance or displacement of wildlife because of

construction noise will be minor and short-term, as construction activities in any one location will be intermittent and are not expected to last more than a few weeks. Also, the location of the proposed right-of-way along major highways and existing transmission line rights-of-way will further limit the potential for wildlife disturbance because individuals in these areas will already be habituated to traffic noise where present.

AQUATIC LIFE

Impacts on aquatic systems and species are expected to be minor. Appropriate erosion control measures such as staked hay bales and silt curtains will minimize or eliminate siltation resulting from stormwater runoff. Transmission line and temporary access road improvements (if necessary) in wetland areas will use methods such as erosion control as necessary to minimize significant disruption to the aquatic ecosystem or resultant changes in species composition.

The potential construction impacts on listed species documented for the proposed right-of-way are discussed in the following paragraphs.

LISTED SPECIES

Under the Endangered Species Act of 1973 (ESA), species may be listed as either endangered or threatened. “Endangered” means a species is in danger of extinction throughout all or a significant portion of its range. “Threatened” means a species is likely to become endangered within the foreseeable future. All species of plants and animals, except pest insects, are eligible for listing as endangered or threatened. For the purposes of the ESA, Congress defined species to include subspecies, varieties, and, for vertebrates, distinct population segments.

Table 12-1 identifies listed or managed species with the potential to occur in the Sweatt – Whidden Certified Corridor Area. Protocol surveys or noted observances that took place during wetland delineations and field reviews occurring between January 5, 2023, and May 18, 2023, are noted in the narrative for each species with likelihood to occur in the Segment 3: Waterway – Dorr Field Project Area.

Ecologists evaluated the potential presence of listed species in Highlands and DeSoto counties. This assessment began by performing a records review of the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) report powered by the Environmental Conservation Online System, Florida Natural Areas Inventory (FNAI) Biodiversity Matrix, and Florida Fish and Wildlife Conservation Commission (FWC) geographic information system (GIS) records, including the wading bird and bald eagle nest databases. This information was supplemented by informal wildlife observations during the field review and wetland delineation surveys (Table 12-1).

Table 12-1. Threatened and Endangered Species with Potential to Occur in Sweatt–Whidden Certified Corridor

Scientific Name	Common Name	Federal Listing	State Listing
Mammals			
<i>Eumops floridanus</i>	Florida bonneted bat	E	E
<i>Puma (=Felis) concolor coryi</i>	Florida panther	E	E
<i>Trichechus manatus</i>	West Indian manatee	T	T
<i>Ursus americanus floridanus</i>	Florida black bear	N	N
Birds			
<i>Ammodramus savannarum floridanus</i>	Florida grasshopper sparrow	E	E
<i>Aphelocoma coerulescens</i>	Florida scrub-jay	T	T
<i>Athene cunicularia floridana</i>	Florida burrowing owl	N	T
<i>Egretta caerulea</i>	Little blue heron	N	T
<i>Egretta tricolor</i>	Tricolored heron	N	T
<i>Falco sparverius paulus</i>	Southeastern American kestrel	N	T
<i>Grus canadensis pratensis</i>	Florida sandhill crane	N	T
<i>Haliaeetus leucocephalus</i>	Bald eagle	N	N (*)
<i>Mycteria americana</i>	Wood stork	T	T
<i>Picoides borealis</i>	Red-cockaded woodpecker	E	E
<i>Polyborus plancus audubonii</i>	Audubon’s crested caracara	T	T
<i>Rostrhamus sociabilis plumbeus</i>	Everglade snail kite	E	E
Reptiles			
<i>Alligator mississippiensis</i>	American alligator	FT	SAT
<i>Drymarchon couperi</i>	Eastern indigo snake	T	T
<i>Eumeces egregious lividus</i>	Bluetail mole skink	T	T
<i>Gopherus polyphemus</i>	Gopher tortoise	C	T
<i>Neoseps reynoldsi</i>	Sand skink	T	T
<i>Pituophis melanoleucus mugitus</i>	Florida pine snake	N	T
Insects			
<i>Danaus plexippus</i>	Monarch butterfly	C	
Plants			
<i>Andropogon arctatus</i>	Pine-woods bluestem	N	T
<i>Bonamia grandiflora</i>	Florida bonamia	T	N
<i>Calopogon multiflorus</i>	Many-flowered grass-pink	N	T
<i>Calamintha ashei</i>	Ashe’s savory	N	T
<i>Carex chapmanii</i>	Chapman’s sedge	N	T
<i>Centrosema Arenicola</i>	Sand butterfly pea	N	E
<i>Chionanthus pygmaeus</i>	Pygmy fringe-tree	E	E
<i>Chrysopsis floridana</i>	Florida goldenaster	E	E
<i>Clitoria fragrans</i>	Pigeon wings	T	E
<i>Coelorachis tuberculosa</i>	Piedmont jointgrass	N	T
<i>Conradina brevifolia</i>	Short-leaved rosemary	E	E
<i>Conradina grandiflora</i>	Large-flowered rosemary	N	T
<i>Crotalaria avonensis</i>	Avon park harebells	E	E
<i>Dicerandra christmanii</i>	Garrett’s mint	E	E
<i>Dicerandra frutescens</i>	Scrub mint	E	E
<i>Eriogonum longifolium</i> var. <i>gnaphalifolium</i>	Scrub buckwheat	T	E
<i>Eryngium cuneifolium</i>	Snakeroot/wedge-leaved button-snakeroot	E	E
<i>Euphorbia roscens</i>	Scrub spurge	N	E
<i>Glandularia maritima</i>	Coastal vervain	N	E
<i>Hartwrightia floridana</i>	Hartwrightia	N	T

Table 12-1. Threatened and Endangered Species with Potential to Occur in Sweatt–Whidden Certified Corridor

Scientific Name	Common Name	Federal Listing	State Listing
<i>Hypericum cumulicola</i>	Highlands scrub hypericum	E	E
<i>Hypericum edisonianum</i>	Edison’s ascyrum	N	E
<i>Lechea cernua</i>	Nodding pinweed	N	T
<i>Lechea divaricate</i>	Pine pinweed	N	E
<i>Linum carteri</i> var. <i>smallii</i>	Small’s flax	N	E
<i>Liatris ohlingerae</i>	Scrub blazing star	E	E
<i>Lupinus aridorum</i>	Scrub lupine	E	E
<i>Litsea aestivalis</i>	Pondspice	N	E
<i>Matelea floridana</i>	Florida spiny-pod	N	E
<i>Nemastylis floridana</i>	Celestial lily	N	E
<i>Nolina atopocarpa</i>	Florida beargrass	N	T
<i>Nolina brittoniana</i>	Britton’s beargrass	E	E
<i>Panicum abscissum</i>	Cutthroat grass	N	E
<i>Paronychia chartacea</i>	Papery Whitlow-wort/paper nailwort	T	E
<i>Platanthera integra</i>	Yellow fringeless orchid	N	E
<i>Polygala lewtonii</i>	Lewton’s polygala	E	E
<i>Polygonella basiramia</i>	Wireweed/Florida jointweed	E	E
<i>Polygonella myriophylla</i>	Sandlace/Small’s jointweed	E	E
<i>Prunus geniculata</i>	Scrub plum	E	E
<i>Pteroglossaspis ecristata</i>	Giant orchid	N	T
<i>Salix floridana</i>	Florida willow	N	E
<i>Schizachyrium niveum</i>	Scrub bluestem	N	E
<i>Stylisma abdita</i>	Scrub stylisma	N	E
<i>Warea amplexifolia</i>	Wide-leaf warea	E	E
<i>Warea carterii</i>	Carter’s mustard	E	E
<i>Zephyranthes simpsonii</i>	Redmargin zephyrlily	N	T
<i>Ziziphus celata</i>	Florida ziziphus	E	E

Note: C = candidate.
E = endangered.
N = not currently listed.
SAT = threatened due to similarity of appearance to American crocodile.
T = threatened.

*Bald eagles are afforded federal protection under the Migratory Bird Treaty Act and Bald and Golden Eagle Protection Act.

Source: ECT, 2022, 2023.

The Project Area for Segment 3: Waterway – Dorr Field does not intersect known critical habitat for any federally listed species in Highlands County or DeSoto County. The eastern portion of the proposed right-of-way falls within the core foraging area (CFA) of one recorded wood stork colonies, and multiple listed species are known or have the potential to occur in the study area. See Table 12-1 and Attachment 12a. This segment does cross through scrub habitat of the Lake Wales Ridge.

Based on the results of the desktop and field investigations, the following protected or managed species have been identified as being known to occur or having the moderate potential to occur

within the Segment 3: Waterway – Dorr Field, which is located in Highlands and DeSoto counties study area.

Table 12-1 summarizes the listed species with potential to occur within Okeechobee, Highlands, Glades and DeSoto counties in proximity to the Sweatt – Whidden Certified Corridor. This assessment began by performing a records review of the USFWS IPaC report powered by the Environmental Conservation Online System, FNAI Biodiversity Matrix, and FWC GIS records, including the wading bird and bald eagle (*Haliaeetus leucocephalus*) nest databases.

Federal Species

Consultation discussions are currently occurring with USFWS for each species below within this segment. Florida Power & Light Company (FPL) initiated informal consultation with USFWS on January 9, 2023.

American Alligator—The alligator is listed as threatened by USFWS and FWC due to similarity of appearance to the American crocodile (*Crocodylus acutus*). Alligators are not uncommon in this part of the state, and this reptile is assumed present in most surface waters.

Audubon’s Crested Caracara—This raptor is listed as a threatened species by USFWS. It is present in Central and South Florida, including the four counties crossed by the Preferred Corridor. Caracaras commonly occur in dry or wet prairie areas with scattered cabbage palms (*Sabal palmetto*) or in lightly wooded areas of scattered saw palmetto (*Serenoa repens*), scrub oaks (*Quercus inopina*), and cypress (*Cupressus* spp.). In consultation with USFWS, Crested Caracara surveys are currently planned for January 2024 for Segment 3. The results of surveys will be provided to USFWS ecological services. No nests have been identified within the project right-of-way to date, most of which is in existing transmission easement. Caracaras are highly opportunistic in their feeding habits, eating carrion and capturing live prey and have been identified along the Segment 3: Waterway – Dorr Field Project Area during wetland delineations surveys and other assessments along SR 70.

Bluetail Mole Skink—This skink is listed as threatened by USFWS. It occurs in well-drained sandy uplands above 100 feet usually with an abundance of scattered shrubs and lichens. It favors rosemary (*Salvia rosmarinus*), oak (*Quercus* spp.), and sand pine (*Pinus clausa*) scrubs and is found occasionally in turkey oak (*Quercus laevis*) barrens, sandhill, and xeric hammock. It requires loose sand (for burrowing) with patches of sparse to no groundcover or canopy and is often found in leaf litter. The species is restricted to the Lake Wales Ridge which the proposed Project traverses along SR 70. FPL has requested technical assistance from USFWS to obtain guidance to appropriately address potential impacts to federally listed species and their habitat.

Eastern Indigo Snake—This species (*Drymarchon couperi*) is federally and state-listed as threatened. This distinctive large, black snake can occur in suitable habitats throughout Florida. It has a wide range of habitat preferences and prey species and requires large tracts of land for survival. Often considered a gopher tortoise commensal, it can be found in xeric habitats but also uses more mesic or wetland habitats for foraging. Suitable habitat is present for this species within the Project area. FPL has requested technical assistance from USFWS to obtain guidance to appropriately address potential impacts to federally listed species and their habitat. Conservation

measures will be determined in consultation with USFWS. This is expected to include conforming with USFWS Standard Protection Measures for the Eastern Indigo Snake (2013).

Everglade Snail Kite—This federally endangered bird prefers habitats consisting of slow-moving water with emergent vegetation such as maidencane (*Panicum hemitomon*) or sawgrass (*Cladium jamaicense*). This species is typically found in the Lake Okeechobee area southward through the Everglades. A portion of the Segment 3: Waterway – Dorr Field Project Area is within the normal range of this species.

Florida Bonneted Bat—Endemic to Florida and nonmigratory, the Florida bonneted bat (*Eumops floridanus*) is the largest bat in Florida. Limited knowledge about habitat needs and preferences suggests that this bat uses forests, wetlands, and other natural habitats, as well as residential and urban areas. Endangered wherever found, the final rule for listing of the Florida bonneted bat was adopted in October 2013. Population size is unknown. The Segment 3: Waterway – Dorr Field Project Area does not intersect the proposed critical habitat for the bonneted bat. Due to the species' small range, the greatest threats to Florida bonneted bats are loss of habitat, including destruction of natural roost sites, and natural disasters such as hurricanes, which have the potential to impact its entire range. Limited roost surveys will be performed as agreed upon by USFWS.

Florida Panther—The Florida panther (*Puma (=Felis) concolor coryi*) is listed as endangered by USFWS. Florida panthers are secretive and require extensive blocks of mostly forested land for survival. Large wetlands, inaccessible to humans, provide important refuge. The remaining number of this species is low. Their breeding population is restricted to southwest Florida, but dispersing individuals may range well north into the peninsula in search for new territories. Segment 3: Waterway – Dorr Field Project area terminates adjacent to area designated as Panther Focus Area (Dispersal Pathway).

Florida Sand Skink—This species is listed as threatened by USFWS. It is a small, fossorial skink that is endemic to the sandy ridges of Central Florida, occurring in Highlands, Lake, Marion, Orange, Osceola, Polk, and Putnam counties. Preferred habitats include xeric uplands with sandy soils, including rosemary scrub, scrubby flatwoods, and oak scrub. There are FNAI records of this species in Highlands County along the Project, and it has a moderate likelihood to occur in xeric habitats elsewhere along the Project. Skink tracks have been observed along State Road (SR) 70 west of U.S. Highway (US) 27. FPL performed cover board surveys April - May 2023 within the proposed project area. The FPL survey area was restricted to portions of the project outside of FDOT skink survey efforts. The results are intended to complement the FDOT surveys, as there were no overlapping surveys performed. FPL has requested technical assistance from USFWS to obtain guidance to appropriately address potential impacts to federally listed species and their habitat and at this time expects to apply FPL's Scrub Management Plan in this area.

Florida Scrub-jay—The Florida scrub-jay prefers xeric scrub habitats generally found along the Lake Wales Ridge of Florida, which is traversed by SR 70 and the existing transmission line. Extensive development and habitat fragmentation in Florida threaten this bird's small population, placing it on the federal endangered species list. Scrub jays have been observed during field assessments in the area west of US 27. FPL has requested technical assistance from USFWS to obtain guidance to appropriately address potential impacts to federally listed species and their habitat and at this time expects to apply FPL's Scrub Management Plan in this area.

Wood Stork—The wood stork is federally listed as endangered. This large bird uses freshwater and estuarine habitats for nesting, roosting, and foraging. Wood storks typically construct their nests in medium to tall trees located in swamps or on islands surrounded by relatively broad expanses of open water. They are found across much of Florida. Wood storks tend to use the same colony sites over many years, as long as the sites remain undisturbed and sufficient feeding habitat remains in the surrounding wetlands. There are no recorded nesting colonies within 1,500 feet of the Project; however, individuals may opportunistically forage in the water bodies or ditches that are present. In South Florida, the wood stork CFA is an 18.6-mile radius around active nesting colonies where appropriate habitat exists. According to current USFWS data, the Segment 3: Waterway – Dorr Field Project area intersects one wood stork CFA, around colonies identified as Brighton Reservation colony. Attachment 12a shows Segment 3: Waterway – Dorr Field Project Area in relation to this colony and the respective CFA. No net impacts to wood stork foraging habitat are anticipated from construction or operation of this project.

Bald eagle—The bald eagle is a federally managed species under the Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act. Florida has one of the largest eagle populations in the lower 48 states. These birds typically nest and roost in forested habitats and utilize shallow fresh or saltwater for foraging. Nesting is initiated in the fall, and nests may be used for many years. According to the FWC Eagle Nest Locator database, there is one known eagle nest within 1,500 feet of Segment 3: Waterway – Dorr Field Area. The closest recorded Eagle nest is H1058, approximately 400 feet away from the Project Area. Attachment 12a depicts the location of recorded Eagle nests relative to the Project.

FPL has requested technical assistance from USFWS to obtain guidance to appropriately address potential impacts and to federally listed species and their habitat.

Federally Listed Plant Species

It is not expected that federally listed plant species would be found in the Segment 3: Waterway – Dorr Field Project Area due to the proximity to SR 70 and because the Project is largely located within a maintained transmission easement.

State Listed Species

Gopher Tortoise (*Gopherus polyphemus*)—This species is state-listed as threatened. The gopher tortoise inhabits upland well-drained habitats throughout the state, including disturbed and urban properties. Gopher tortoise burrows have been identified along Segment 3: Waterway – Dorr Field Project area during wetland delineation surveys and other field assessments along SR 70.

According to FWC regulations, relocation is not necessary if construction activities can avoid impacts within a 25-foot radius of the burrow entrance. However, if impacts to any burrow cannot be avoided, a gopher tortoise relocation permit will be required from FWC. A 100 percent survey will be required prior to construction to locate all potentially occupied burrows and determine relocation and conservation measures.

Little Blue Heron and Tricolored Heron—These species (*Egretta caerulea* and *Egretta tricolor*, respectively) are state-listed as threatened but not uncommon to be found foraging in wetlands in Florida. These wading bird species can be found in suitable wetland habitats throughout Florida.

Foraging occurs in shallow freshwater, brackish, and saltwater habitats. Both species breed in colonial nesting sites with other wading and shorebird species. There are freshwater marshes, water bodies, and man-made ditches in the Segment 3: Waterway – Dorr Field Project Area that could potentially be used for foraging by these species. Accordingly, these birds could potentially forage in habitats within the corridor but are unlikely to nest there. No specific surveys for these birds are proposed; however, a preconstruction nest survey is recommended.

Florida Sandhill Crane—This species is listed as threatened by FWC. The sandhill crane (*Grus canadensis*) prefers freshwater marshes for nesting and pastures, wet prairies, or farm fields for foraging. Suitable nesting and foraging habitats are present in areas along the Segment 3: Waterway – Dorr Field Project Area. FWC’s current permitting guidelines indicate activity should be avoided within 400 feet of nest sites during the breeding season. Insofar as sandhill cranes may nest within the project limits, the applicant will monitor the site for the presence of new nests should construction activities occur within the sandhill crane breeding season (January through March). Should any active nests be initiated within 400 feet of planned construction activities, the applicant must either postpone construction in that area to coincide with the nonbreeding season or coordinate with FWC for issuance of an incidental take permit.

Southeastern American Kestrel—Listed as threatened by FWC, this small falcon (*Falco sparverius paulus*) is the resident subspecies that breeds in Florida. The more common northern migrant is seen commonly in the winter months perching on snags and power lines along roadsides in Central Florida. The open habitats found along the Segment 3: Waterway – Dorr Field Project Area provide good foraging habitat for this bird, so there is some likelihood it could be found.

Wading Birds—Based on current FNAI records, there are no wading bird colonies within a critical distance (1,500 ft) of the Project Area. It is expected that wading birds, including Least tern, Limpkin, Roseate spoonbill and White ibis will opportunistically forage in wetlands or roadside ditches along the Project. Attachment 12a depicts the location of any recorded wading bird rookeries relative to the Segment 3: Waterway – Dorr Field Project Area. Prior to construction, a survey for nesting and wading birds will occur to identify nests in the project footprint.

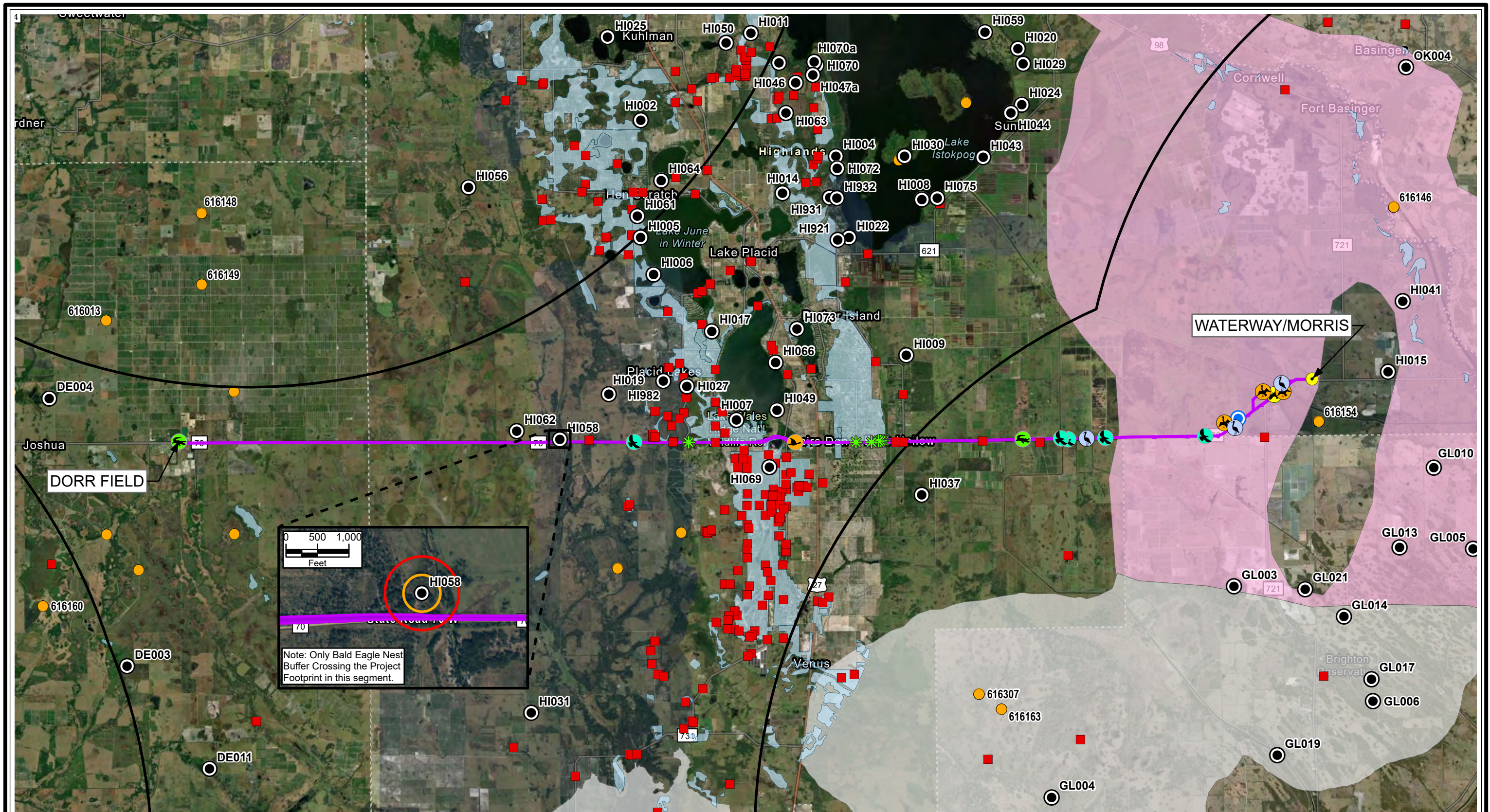
MIGRATORY BIRDS

USFWS’s IPaC report identified additional migratory bird species that are not included within the listed species’ tables of previous sections. Migratory birds are protected under the Migratory Bird Treaty Act of 1918 (MBTA), which makes it unlawful to kill or “take” a migratory bird, nest, or egg. An amendment to the MBTA in 1972 resulted in the inclusion of bald eagles and other birds of prey in the definition of migratory birds. These species include the American kestrel (*Sparverius paulus*), Bachman’s sparrow (*Aimophila aestivalis*), cerulean warbler (*Dendroica cerulean*), common ground-dove (*Columbina passerina exigua*), lesser yellowlegs (*Tringa favipes*), prairie warbler (*Dendroica discolor*), prothonotary warbler (*Protonotaria citrea*), red-headed woodpecker (*Melanerpes erythrocephalus*), swallow-tailed kite (*Elanoides forficatus*), and wood thrush (*Hylocichla mustelina*). The Project Area is located within the Atlantic Migratory Flyway, broadly defined as the aggregate of species-specific avian migration routes that follow the Atlantic Coast in the United States and Canada (National Audubon Society, 2018). In late 2017, the Solicitor’s office of the Department of the Interior issued Memorandum Opinion M-37050, which replaced M-37041. The general industry interpretation of M-037050 is that unintended impacts to bird species during normal construction activities does not constitute the definition of “take.”

Therefore, the need for preconstruction surveys for MBTA species nests may not be required. Coordination with USFWS will occur regarding the potential need for preconstruction surveys.

If nests or cavities with eggs or flightless young are observed during construction, construction crews will immediately stop work and contact the operations/construction lead, who will immediately notify FPL's Power Delivery Environmental Department. Additionally, if an osprey nest or eagle nest is observed during construction, construction crews will contact the operations/construction lead who will immediately contact FPL's Power Delivery Environmental Department.

Attachment 12A Threatened and Endangered Species Locations



Project		Desktop Data		Field Sightings		Site Lies Within: USFWS Wood Stork Core Foraging Area USFWS Consultation Area: Florida Scrub Jay Florida Bonneted Bat Everglades Snail Kite Florida Grasshopper Sparrow Florida Sand Skink Crested Caracara		Attachment 12A Segment 3: Waterway - Dorr Field Threatened and Endangered Species Locations	
Substation	Segment 3: Waterway-Dorr Field	Historic Eastern Indigo Snake Sighting	Scrub Jay Habitat (FWC)	American Alligator	Observed Bald Eagle			Highlands and DeSoto Counties, Florida	
		Wading Bird Rookery	Florida Panther Focus Area	Crested Caracara	Snail Kite				
		Bald Eagle Nest	Dispersal Pathway	Kestrel	Little Blue Heron				
		Wood Stork Core Foraging Area	Primary Expansion Area	Wood Stork					
		Bald Eagle Nest Buffer (330ft)		Gopher Tortoise					
		Bald Eagle Nest Buffer (660ft)							

Attachment 13 Public Interest Test

Attachment 13 - Public Interest Test

Impacts on terrestrial and aquatic systems and species associated with transmission line right-of-way preparation and construction depend primarily on the location and existing conditions of the selected right-of-way and, to a lesser degree, on clearing and construction techniques.

Through a systematic, environmentally responsive corridor selection process, the crossing of major terrestrial, wetland, and aquatic systems was minimized or avoided to restrict potential impacts to sensitive habitats and/or endangered and threatened species associated with transmission line construction. Approximately 79 miles (approximately 98 percent) of the larger Sweatt – Whidden Project include the opportunity to locate within or adjacent to existing road rights-of-way. Where possible in these areas, the proposed transmission line will share existing rights-of-way. In these previously altered areas, it is not anticipated that transmission line construction will have significant impact on vegetation, wildlife, or aquatic life.

Because much of the project footprint contains lands that have already been cleared and maintained, construction associated with the 230-kilovolt transmission line should not pose any significant additional adverse changes to vegetation in these areas. Limited permanent alterations will be associated with right-of-way clearing, temporary matting and structure installation. The proposed project crosses no large expanses of forested uplands or wetlands.

Attachments 6 and 6A, Typical Drawings and Project Description and Construction Methods, address types of impacts associated with construction that are expected to occur to the existing vegetation communities crossed by the project footprint.

In areas of the corridor where co-location opportunities occur along existing roads or other existing infrastructure, forested wetlands may have already been impacted. Limited additional clearing of trees directly adjacent to the existing rights-of-way may be required. In these areas, the right-of-way will subsequently be maintained in a low-growing, early successional state. Adjoining tracts of woodlands will remain intact and provide habitat for forest species. In addition, adjacent vegetation communities should not be affected by structure installation and temporary access because erosion control measures and proper culverting will be used.

Construction practices in wetlands will retain the vegetative root mat in the right-of-way in areas not filled for road or structure pad construction, thereby minimizing impacts to the wetlands. Impacts to wetlands will also vary depending on the wetland system through which the transmission line is routed. The shift in wetland composition will vary with the type of original canopy and soil alterations resulting from construction activities. Outside of areas where filling may be necessary for temporary access or structure pads, small freshwater marsh/wet prairie systems crossed by the transmission line will not be affected

by construction activities because no clearing will be required, and proper culverting will maintain the existing hydroperiod. See Attachments 6 and 6A.

Specific impacts to terrestrial and aquatic animals due to transmission line construction vary by species and depend primarily on the extent of habitat alteration and continued availability of such habitat after construction. The proposed project crosses no federally designated critical habitat. In addition, no aquatic habitats critical to the continued regional presence of important species will be affected. The co-location with existing road and transmission line rights-of-way will minimize habitat losses and avoid the creation of barriers to animals' movements.

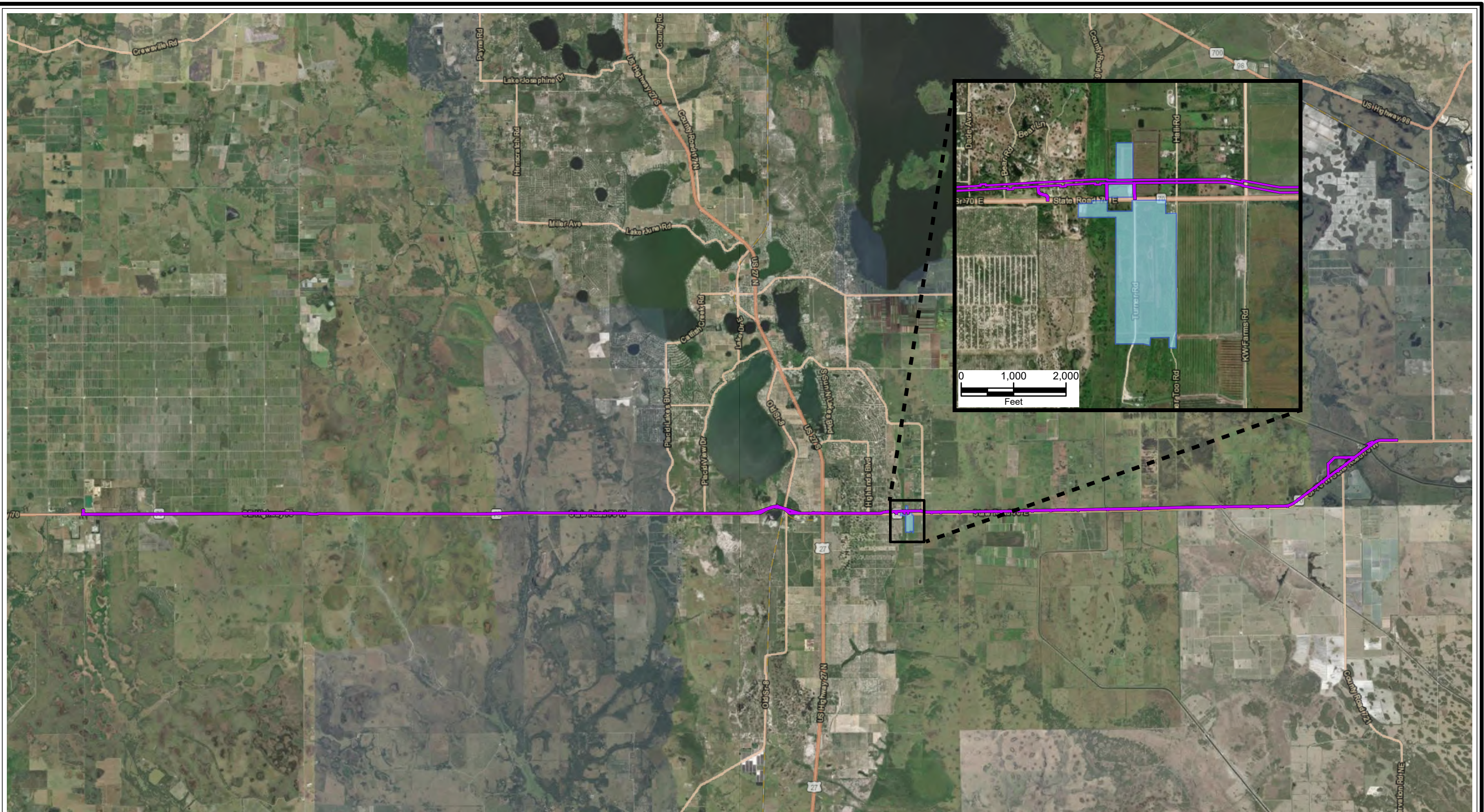
The project is not expected to significantly impact wildlife or wildlife habitat. Some temporary displacement of wildlife may occur during construction activities, however once complete, wildlife is anticipated to return. The project is not in an area designated as Outstanding Florida Waterway. No in-water work is proposed therefore no adverse effects to navigation or flow is anticipated. Similarly, no adverse effects to fishing or recreation is anticipated with the operation of the transmission, as crossings will be aerial. Adequate buffers at creeks and appropriate erosion control measures during construction will prevent sedimentation at creeks.

The project does cross one area in Highlands County identified as a public water supply area (see Figure 13A). Special construction conditions will apply to work in this area and best management practices will apply when construction is occurring in this area.

A cultural resource assessment survey has been completed along the right-of-way in compliance with the requirements of Chapter 267, Florida Statutes and Chapter 1A-46 (Archaeological and Historical Report Standards and Guidelines) in the Florida Administrative Code. The results of this survey have been documented in a report and submitted to the Department of Historical Resources (DHR). No significant resources were identified.

If cultural resource finds are discovered during construction, construction activities will be immediately halted in the vicinity, and DHR will be notified. A determination of the significance of the find will be conducted, as appropriate, and the Florida Power & Light Company will coordinate with DHR to evaluate mitigative measures necessary to protect the area from adverse effects.

Attachment 13A Public Water Supply Exhibit



Legend

 Waterway-Dorr Field Project Footprint

 Public Water Supply Area

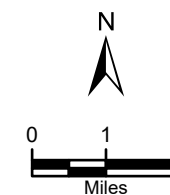


Figure 13A
Segment 3: Waterway – Dorr Field
Public Water Supply Areas

Highlands County, Florida



Sources: Highlands County 2022; Esri World Imagery, 2020; ECT, 2023.

Attachment 14 Stages of Construction Graphic



Attachment 14
Stages of Construction
 Sweatt-Whidden 230-kV
 Transmission Line Project
 Okeechobee, Glades, Highlands and
 DeSoto Counties, Florida



Sources: FPL, 2022.

Attachment 18 Mitigation Plan

Attachment 18—Mitigation Plan

WETLANDS AND WATER BODIES DELINEATIONS METHODOLOGY

Environmental Consulting & Technology, Inc. (ECT) conducted a wetland/water body delineation and wetland function assessment for the Segment 3: Waterway – Dorr Field portion of the proposed Sweatt- Whidden Project environmental survey area (ESA). The ESA for this segment generally consisted of a 70-foot-wide survey corridor in private property along the length of the approximately 37-mile transmission line segment plus the road right-of-way for use as potential temporary access or additional temporary workspace. Some areas of the ESA were expanded to accommodate site specific constraints. The wetland delineation was performed using a combination of desktop review of existing data and maps as well as a field survey to verify these data. The following provides a description of the methods employed and the evaluation results.

METHODOLOGY—MAP AND LITERATURE REVIEW

Prior to instigation of the field survey, available maps, data, and literature were gathered and reviewed to determine the approximate extent of wetlands and waters. Relevant data sources included local plant lists, soil survey data, state and federal regulations, county ordinances, and existing reports prepared previously for the project study area. The following sources were examined:

- U.S. Geological Survey (USGS) topographic maps,
- Aerial photography (Google Earth®, Bing®, ESRI® ArcMap),
- County soil surveys (Attachment 7),
- National Wetland Inventory (NWI) maps,
- Land use/vegetation community maps (Attachment 9),
- U.S. Fish and Wildlife Service (USFWS) Information, Planning, and Consultation System (IPaC) report,
- 1987 U.S. Army Corps of Engineers (USACE) Wetlands Delineation Manual,
- Regional Supplement to the USACE Wetlands Delineation Manual: Atlantic and Gulf Coastal Plain Region¹,
- St Johns River Water Management District (SJRWMD) website,
- South Florida Water Management District (SFWMD) website, and
- Florida Natural Areas Inventory (FNAI).

¹ 1 U.S. Army Corps of Engineers (USACE). 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2.0). Wetlands Regulatory Assistance Program. Environmental Laboratory ERDC/EL TR-10-20. November. https://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb1046490.pdf.

WETLAND DELINEATION

After reviewing the NWI; soils; and Florida Land Use, Cover and Forms Classification System (FLUCFCS) maps, ECT conducted wetland delineations for the linear corridor and additional workspaces where survey access was granted. These field surveys were completed between January 15, 2023, and May 18, 2023, by teams of qualified wetland scientists from ECT. Additional wetlands will be delineated once access is obtained.

Potentially jurisdictional wetlands/waters were identified using the currently accepted methods for the state of Florida and United States (i.e., Florida Department of Environmental Protection regulations; Sections 62-340, Florida Administrative Code (Delineation of the Landward Extent of Wetlands and Surface Waters), including the Florida Wetlands Delineation Manual [1995] and the Routine Onsite Determination Methods as described in the USACE 1987 Wetlands Delineation manual, the 2010 Regional supplement to the USACE Wetlands Delineation Manual: Atlantic and Gulf Coastal Plain Region [Version 2.0], and the most current vegetative index, respectively). Both state and federal methodologies involve identification of three wetland criteria: a predominance of hydrophytic vegetation, the presence of hydric soil indicators, and evidence of wetland hydrology.

Typically, each wetland/water body would be flagged and sequentially numbered. Due to access permissions and the fact that at the time of the survey the applicant did not have legal control of the properties, wetland flagging could not occur in all locations. However, each wetland/upland data point for each wetland and water body was recorded using Trimble® R1 GPS units. Wetlands and water bodies were photographed, and the required USACE upland/wetland data forms were completed. In addition, the functional quality of each wetland was assessed using the Uniform Mitigation Assessment Methodology (UMAM). Data collection for UMAM scoring purposes included wetland type, location in relation to other wetlands or surface waters, structure, extent, and functional status. Functional attributes, such as value of wildlife habitat, water environment, location in the landscape, and community structure, were evaluated and documented for each wetland.

No Survey Access Parcels

A small portion of the ESA corridor was assessed using a desktop evaluation rather than field survey. In limited areas, the baseline ecological characterization was performed using a combination of desktop survey (a review of maps/existing permits and existing reports and literature) and a visual inspection from the roadside or adjacent property where access was granted. It is anticipated that these wetlands will be reassessed once survey access is granted.

Survey Results

Using a combination of desktop data verified by field surveys, numerous wetlands and water bodies were delineated along the length of the proposed transmission line route and along the roads identified for access. Attachments 8 and 17 identify the location of wetlands and water bodies within the project ESA and project footprint. Attachment 15 contains the UMAM datasheets for these features.

For the purposes of this report, each wetland or water body polygon (based on FLUCFCS type) was given a unique identification number. A total of 104 wetland and 156 water body distinct polygons were delineated within the ESA. The footprint of the project will encompass a subset of these polygons and is defined as being the narrowed corridor plus additional temporary workspace.

Wetlands

Overall, wetlands encompass approximately 132.75 acres or approximately 37 percent of the project footprint and are distributed throughout the project extent. A small variety of wetland types are found present, as summarized in Attachment 10. Most of the wetlands are mixed wetland hardwoods, freshwater marsh, and scrub/shrub wetlands, plus numerous roadside ditches.

Prevalent wetland types include shrub wetlands, mixed hardwood forested wetlands and exotic hardwoods. Freshwater marshes are associated with roadside and agricultural swales and conveyances, wet pastures, and transmission line rights-of-way, as well as natural marshes. Forested wetlands may be associated with creek systems or exotics (i.e., Brazilian pepper) in disturbed existing transmission line right-of-way. Attachment 10 provides details on individual wetland along the alignment such as wetland type, size, and quality. Section C Form provides a summary of wetland impacts, and Attachment 10 provides an itemization of wetland impacts. Attachment 10 also presents the calculations for the functional loss based on wetland and impact type.

Wetland quality is fairly consistent within the ESA for Segment 3: –Waterway – Dorr Field. Those wetlands in existing linear corridors (i.e., roadside, distribution line) and agricultural areas tend to be of lower quality with weedy and invasive species, impacted hydrology, and lower location and landscape support. UMAM scores for those wetlands generally range between 0.3 and 0.5. The higher quality wetlands are primarily those forested areas associated with the rivers and the creek systems such as Fisheating Creek and others. These systems have somewhat higher UMAM scores generally between 0.5 and 0.6.

Water Bodies

The wetland teams delineated 156 water body polygons, predominantly ditches, within the ESA. Water bodies comprise approximately 62.18 acres of the project footprint or approximately 17.4 percent of the project area.

Attachment 10, lists and describes those potentially affected by the project limits. The types of water bodies identified include man-made ditches, canals, cattle ponds, other types of manmade ponds/reservoirs, as well as several named and unnamed natural creeks.

IMPACTS AND MITIGATION

Florida Power & Light Company (FPL) will employ two types of mitigation to compensate for unavoidable wetland and water body impacts – onsite restoration and the purchase of mitigation credits. Attachment 10 presents the functional loss of each wetland based on the UMAM and impact type.

NON-FORESTED WETLANDS AND SURFACE WATERS

Temporary Impacts

Approximately 16.85 acres of non-forested wetlands and 25.91 acres of water bodies (ditches and natural streams) will be temporarily impacted from matting and construction related activities both in the temporary construction area and permanent project footprint. These areas will be restored to their preconstruction ground surface elevation and are expected to return to their preconstruction functional condition in one season. No UMAM functional loss has been assigned to these wetlands or water bodies.

Permanent Impacts (Fill)

Mitigation for the permanent fill of 0.025-acre of non-forested wetlands associated with installation of transmission pole structures will be offset by purchasing credits from an approved mitigation bank. Functional loss will be calculated as follows:

(Pre-project UMAM score – with project UMAM score) × acreage of permanent impact

FPL calculates 0.025 UMAM units would be needed to offset the proposed functional loss associated with pole installation (refer to typical drawing in Attachment 6) in non-forested wetlands.

FORESTED WETLANDS

Impacts to forested wetlands will be mitigated by using a combination of onsite restoration and purchase of mitigation bank credits as noted in the following paragraphs.

Temporary Impacts

The project includes 6.65 acres of temporary impacts to forested wetlands. Temporary impacts within forested wetlands typically include those areas where access and construction occur outside of the permanent variable-width transmission line corridor. Once preconstruction contours are restored following construction within the temporary impact areas, wetland vegetation will re-establish immediately. Additionally, these areas will be allowed to re-establish to their preconstruction forested system type following construction. These systems are expected to return to their reduced functional forested condition within 15 years. Therefore, a Time Lag factor of 1.46 was applied to the UMAM calculation. Forested wetland mitigation credits will be purchased in order to offset Functional Loss while the forested wetlands re-establish.

Functional Loss (FL) of temporary impacts to forested wetlands is calculated as follows:

FL = (Pre-project UMAM score – with project UMAM score) × acreage of permanent impact × 1.46 Time Lag Factor

The “with project UMAM score” is the projected function of the wetland after construction of the project, ground surface has been restored to preconstruction contours, and wetland vegetation has re-established. The Community Structure UMAM score was lowered to 3 for all forested wetlands with temporary impacts to account for the loss of trees and canopy structure. Location and Landscape Support UMAM scores were reduced by one for temporary impacts to forested wetlands, to address additional temporary limitation to wildlife access or connectivity to wildlife habitats resulting from the project. Water Environment UMAM scores were not reduced, as these functions should remain the same upon completion of construction.

As indicated in Attachment 10, FPL estimates a loss of 1.08 units of FL from temporary construction activities in forested wetlands that will be offset by the purchase of mitigation bank credits.

Permanent Impacts (Fill)

The project includes 0.012-acre of permanent impacts to forested wetlands, which include those areas or locations where transmission line structures are proposed within forested wetland systems (typical drawings are provided in Attachment 6). Mitigation credits will be purchased from an approved wetland mitigation bank to offset Functional Loss associated with the permanent fill in these areas. Attachment 10 indicates the acreage of permanent impacts to forested wetlands.

FL of permanent impacts to forested wetlands is calculated as follows:

$$FL = (\text{Pre-project UMAM score} - \text{with project UMAM score}) \times \text{acreage of permanent impact}$$

Given the small acreages of permanent fill in forested wetlands, FPL proposes to purchase forested wetland credits equal to the amount of acreage proposed to be impacted. Therefore, 0.012 forested wetland mitigation credits will be purchased to offset the proposed FL associated with transmission line structure locations within forested wetlands.

Permanent Impacts (Conversion)

The project includes 0.91-acre of permanent conversion of forested wetlands to herbaceous wetlands within the variable-width transmission line corridor. To compensate FL for the conversion of these wetlands, FPL will purchase forested wetland mitigation credits from approved wetland mitigation banks.

FL associated with forested wetland conversion impacts is calculated as follows:

$$FL = (\text{Pre-project UMAM Score} - \text{With project UMAM Score}) \times \text{acreage of permanent impact}$$

To account for the loss of trees and canopy structure, the Community Structure UMAM score was lowered to three for all forested wetlands with conversion impacts. Location and Landscape Support UMAM scores were reduced by one in forested wetland areas collocated along existing highways or roads. A reduction by one in the Location and Landscape Support UMAM score is evidenced by the fact that habitat access limitations in areas where existing fences and impervious

surfaces currently pose barriers to wildlife. In all other areas, the Location and Landscape Support UMAM scores were reduced by two, as the project may introduce new temporary barriers to wildlife habitat or reduce buffers and hydrologic connectivity in areas where those impediments may not currently exist. Water Environment UMAM scores were not reduced, as these functions should remain the same upon completion of construction.

Clearing forested wetlands will involve cutting trees to ground level with minimal ground disturbance. Following clearing and construction within the permanent conversion areas, wetland vegetation is expected to reestablish immediately. These systems are expected to return to their reduced functional condition within one year. Therefore, a UMAM Time Lag Factor of 1.0 was applied to the UMAM calculation.

As indicated in Attachment 10, FPL estimates a loss of 0.14 functional UMAM units for the conversion of approximately 0.91-acre of forested wetlands to herbaceous wetlands within the project's permanent maintenance easement.

MITIGATION

Because not one mitigation bank service area covers the overall project footprint, FPL will consult with the regulatory agencies to identify the most suitable mitigation bank available to purchase credits of the appropriate type and from the most appropriate watershed basin to offset impacts associated with the construction of each segment of this project.

It is anticipated that for Segment 3: Waterway – Dorr Field, mitigation credits would be sought from one or several approved mitigation banks.

To offset impacts to wetlands and water bodies associated with this segment of the project, FPL proposes the following for mitigation:

- To offset the **0.037**-acre of permanent fill associated with pole structures,
- To offset the **1.08** FL units associated with the temporary construction impacts to forested wetlands outside the permanent project footprint resulting from construction of the project, and
- To offset the **0.14** FL units associated with the permanent conversion of forested wetlands to herbaceous within the permanently maintained project area, FPL would purchase:

+ 0.037
+ 1.080
+ 0.140
1.26 credits

To offset the functional loss associated with impacts from the construction and operation of this project FPL would purchase 1.26 credits.