Sweatt-Whidden 230-kV Transmission Project, TA22-19

Segment 2: Basinger Waterway
Post-certification Filing

FPL®

January 2024

ECT No. 210863-0800

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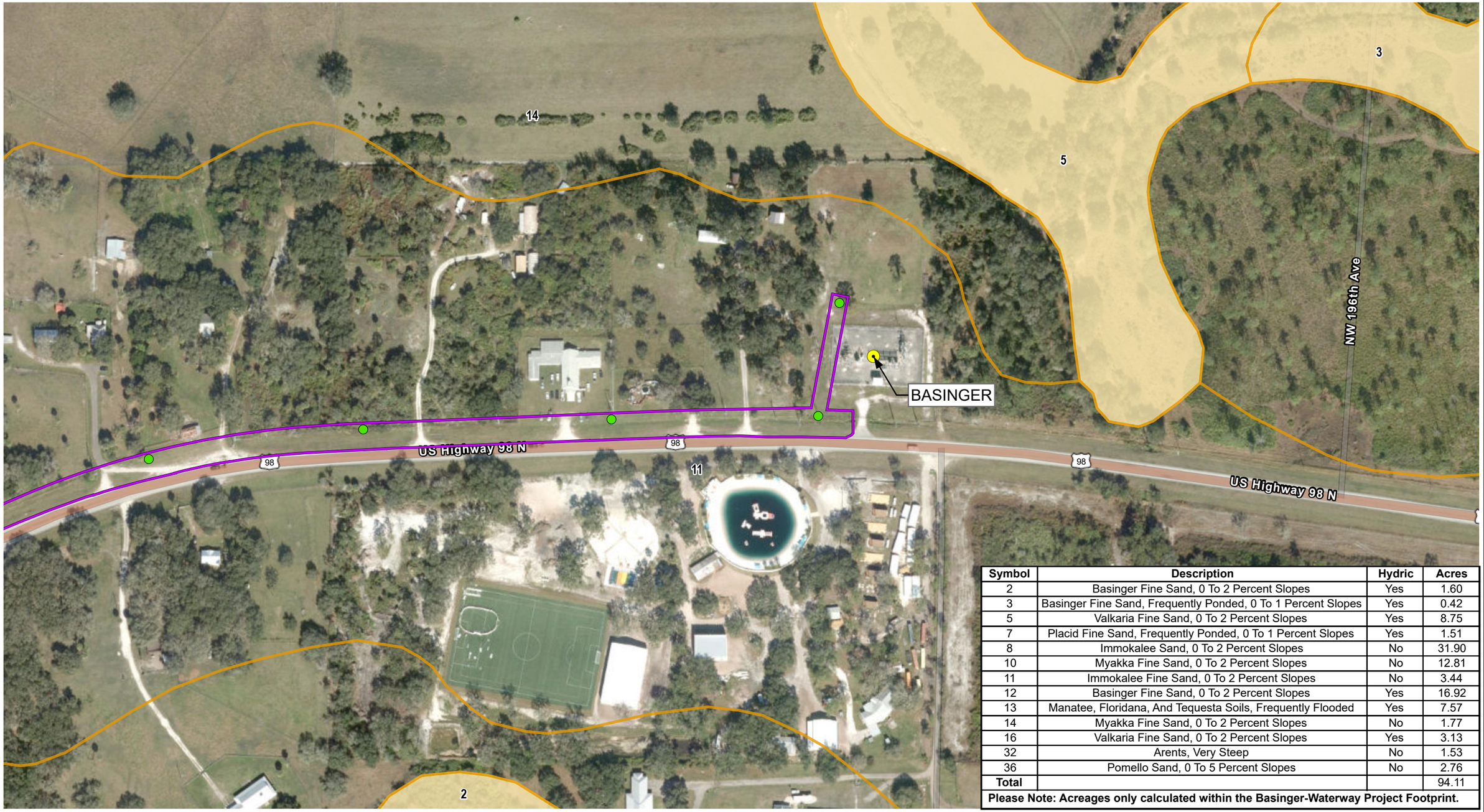
ATTACHMENTS

Attachment 7 – Soils Map



Symbol	Description	Hydric	Acres
2	Basinger Fine Sand, 0 To 2 Percent Slopes	Yes	1.60
3	Basinger Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	Yes	0.42
5	Valkaria Fine Sand, 0 To 2 Percent Slopes	Yes	8.75
7	Placid Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	Yes	1.51
8	Immokalee Sand, 0 To 2 Percent Slopes	No	31.90
10	Myakka Fine Sand, 0 To 2 Percent Slopes	No	12.81
11	Immokalee Fine Sand, 0 To 2 Percent Slopes	No	3.44
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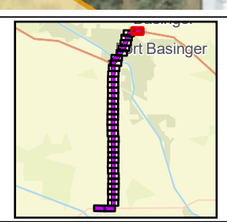
32	Arents, Very Steep	No	1.53
36	Pomello Sand, 0 To 5 Percent Slopes	No	2.76
Total			94.11

Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint

Note: Expansions or modifications of substations are to be permitted separately.



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Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

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Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

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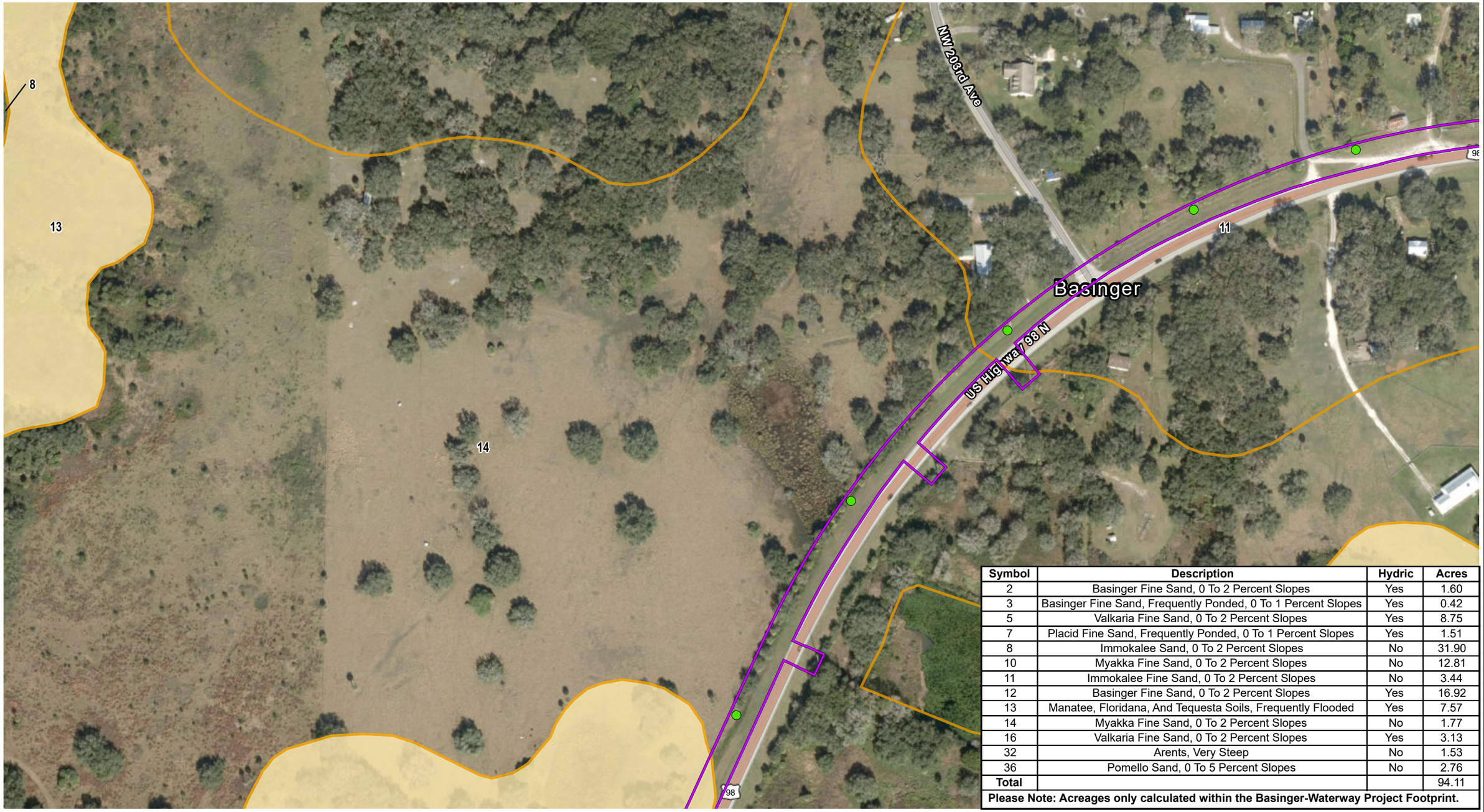

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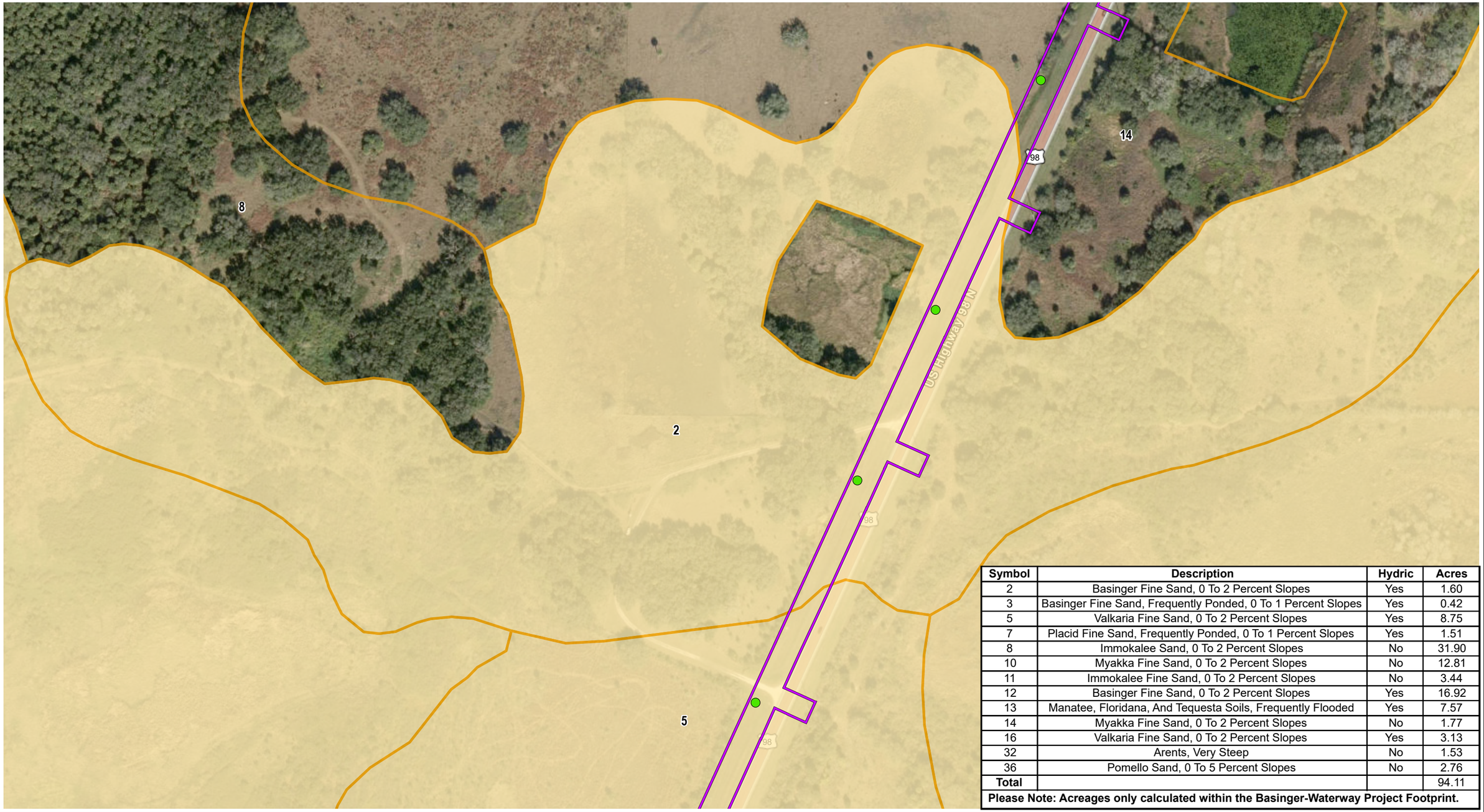

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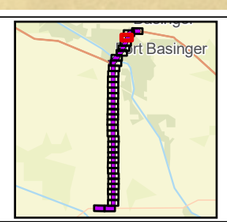

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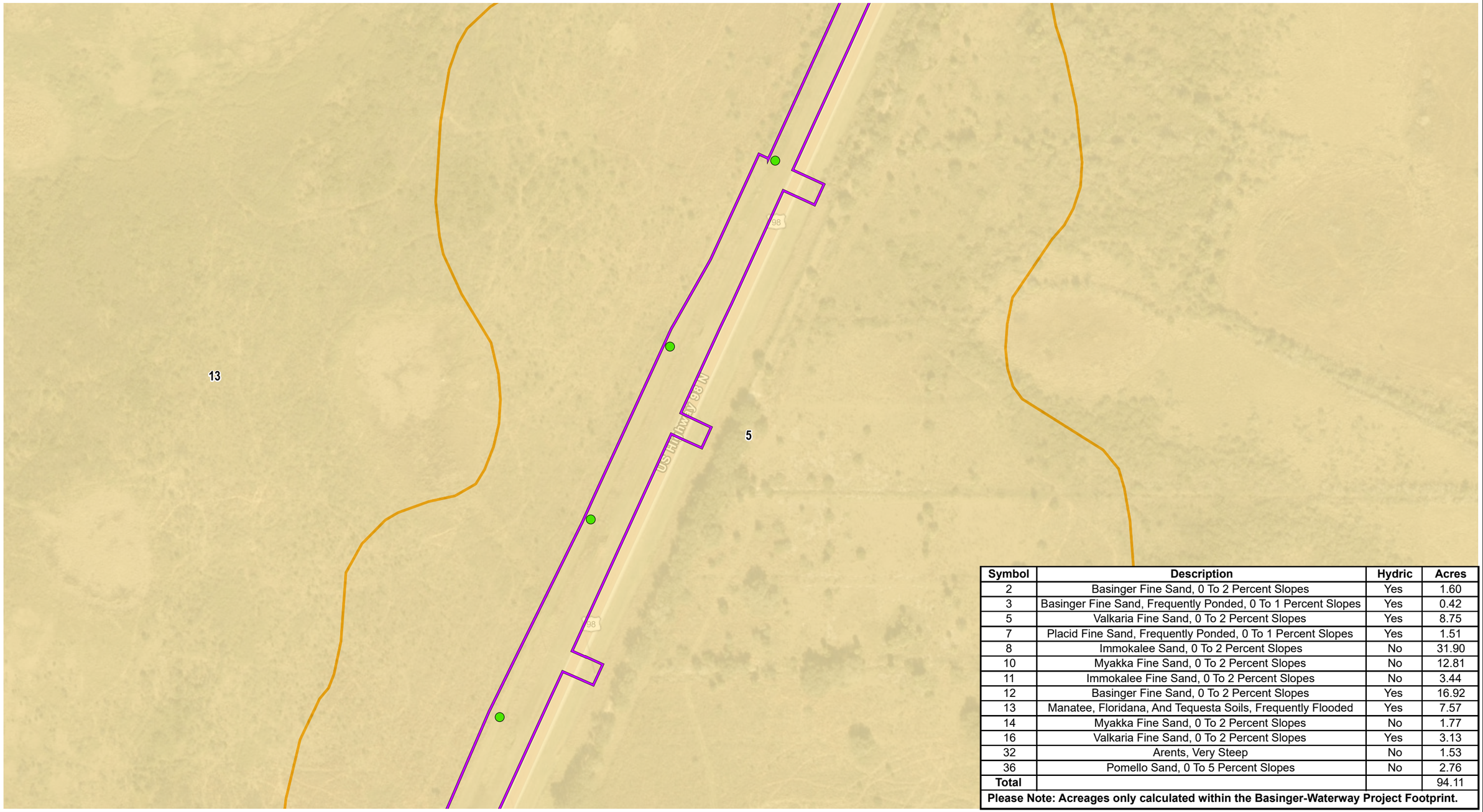

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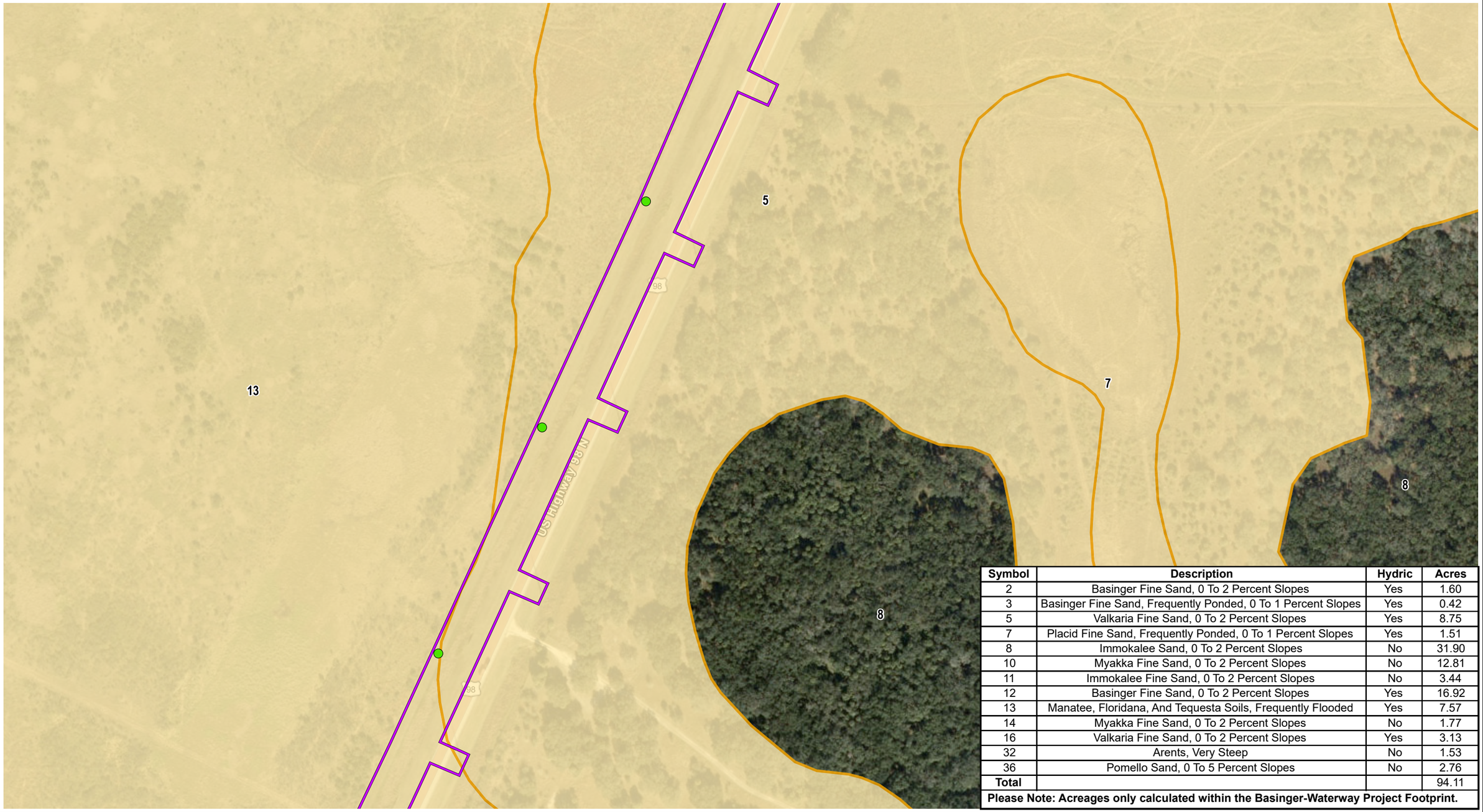

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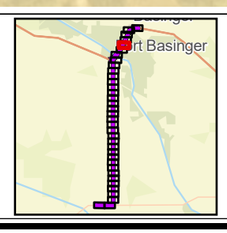

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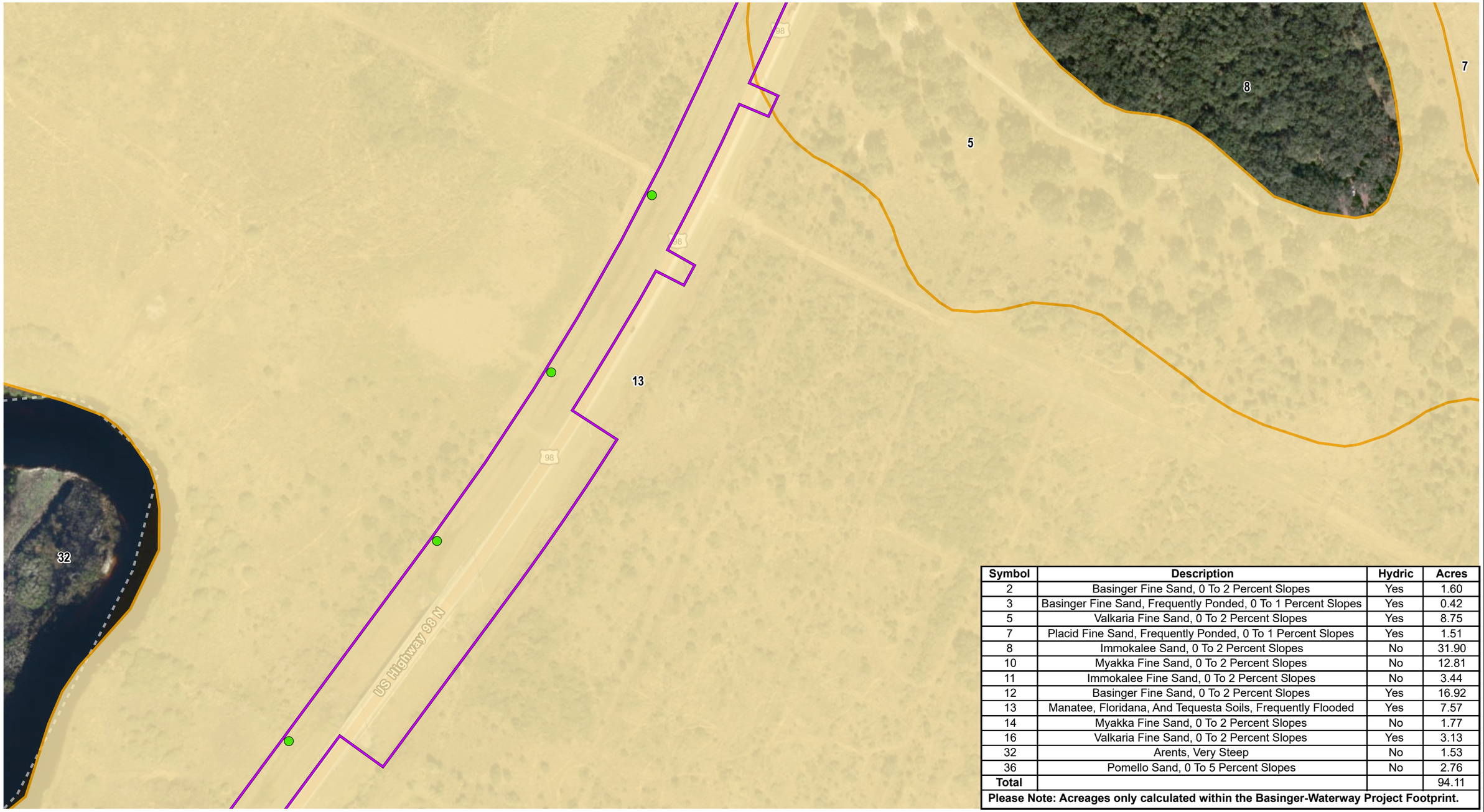

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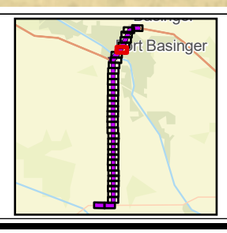

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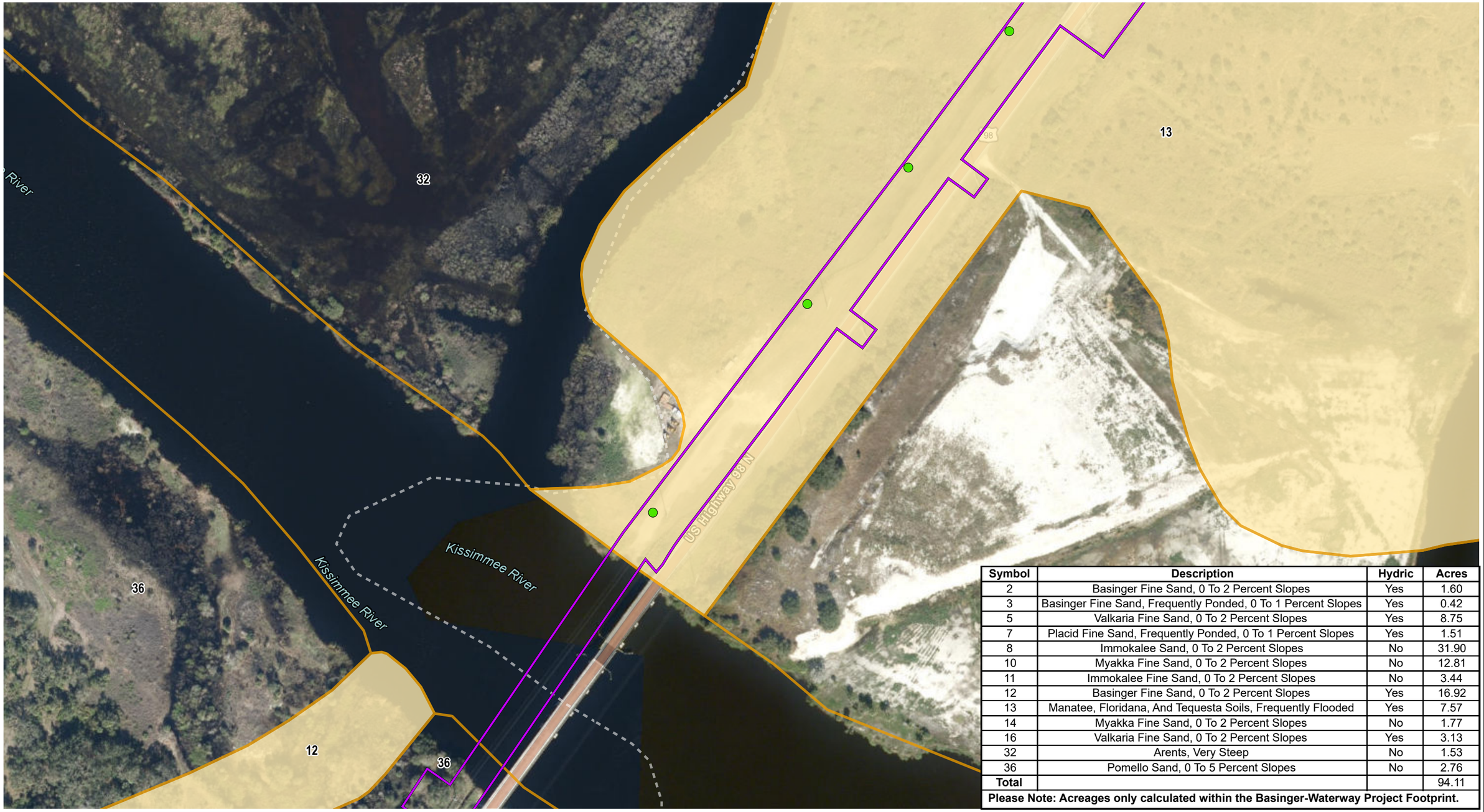

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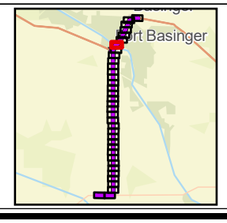

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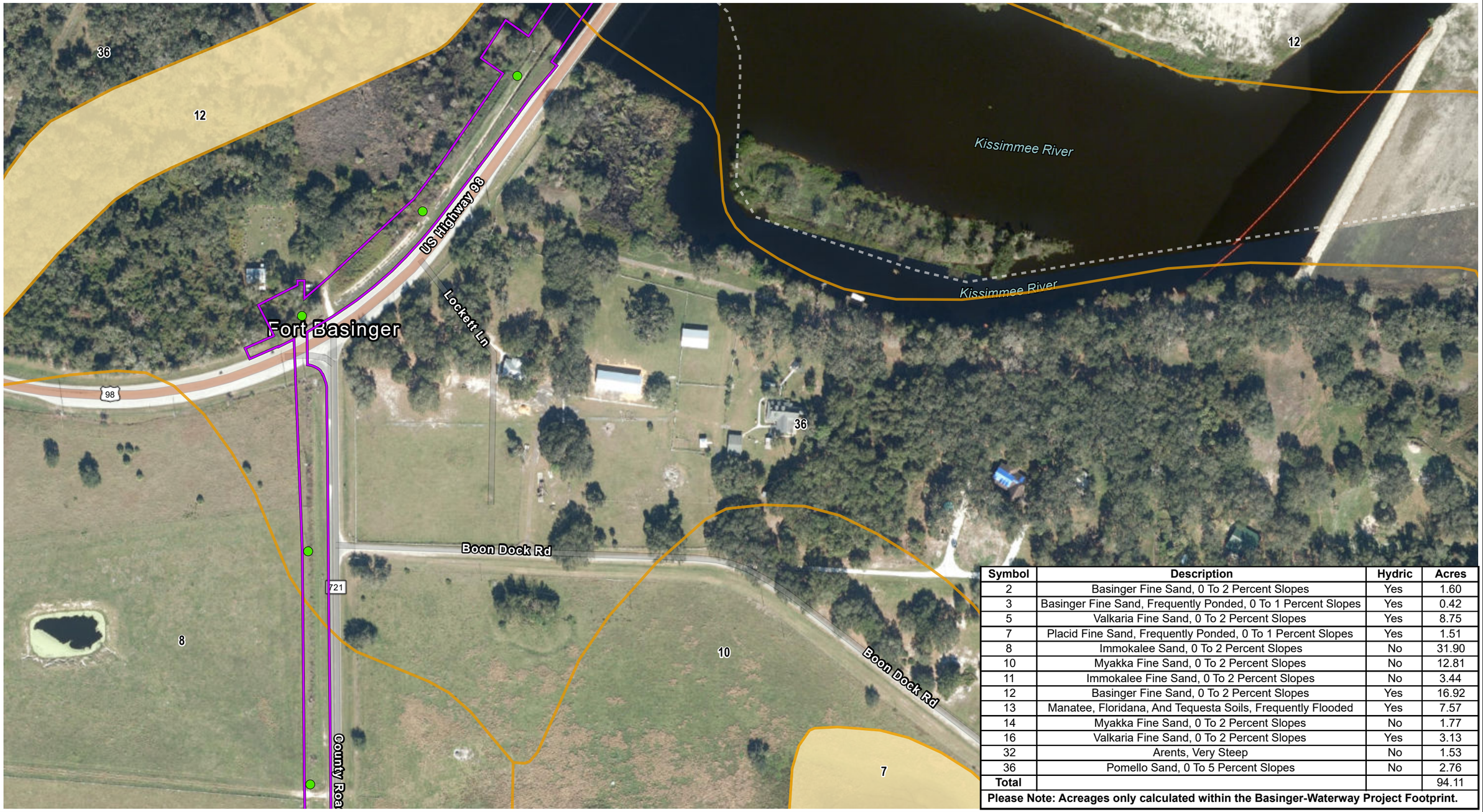

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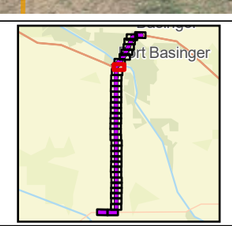

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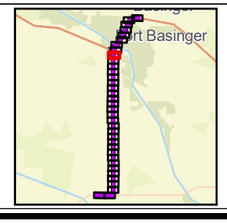

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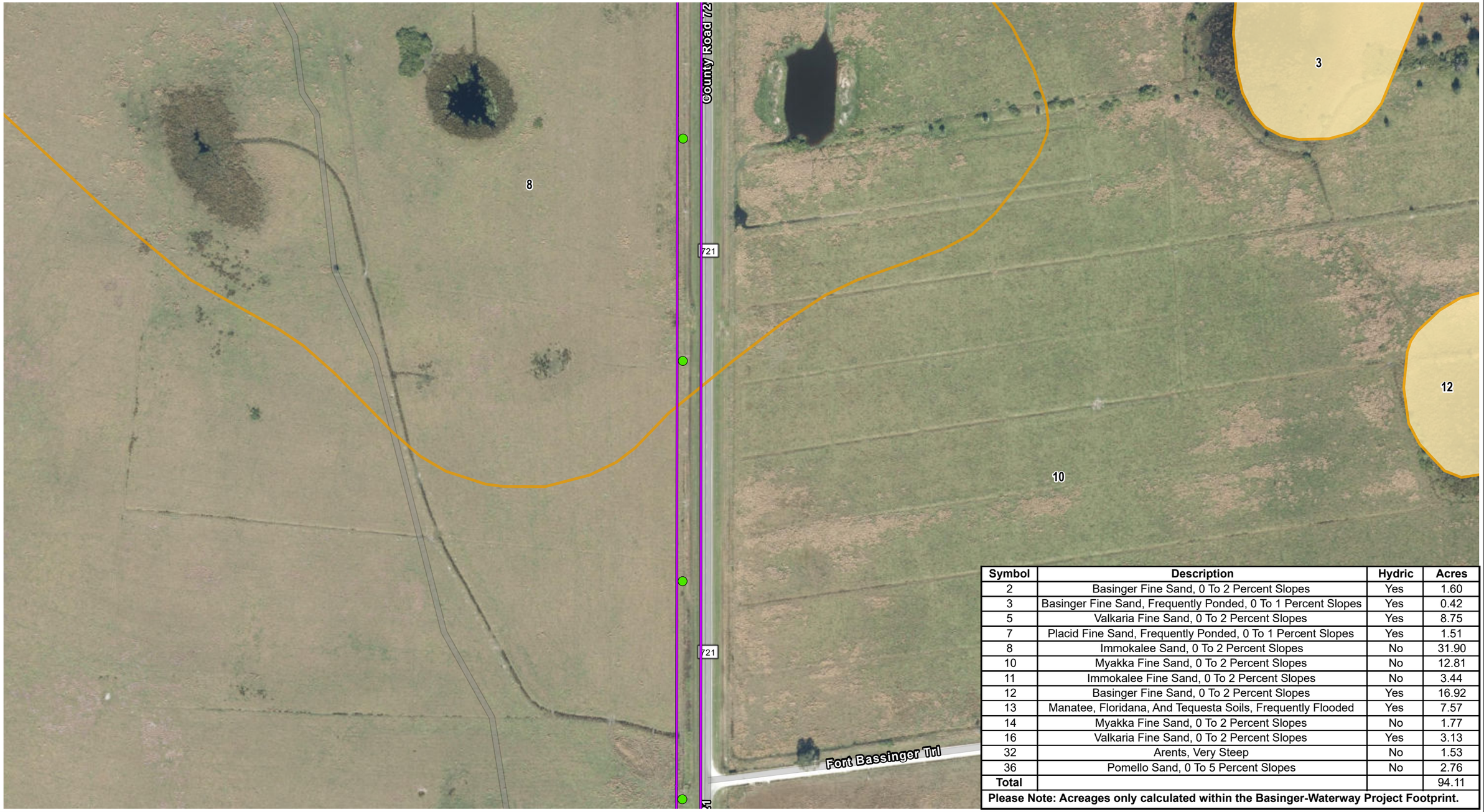

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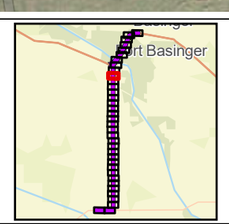

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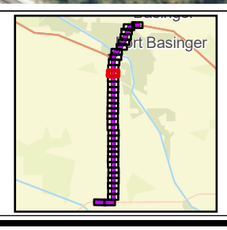

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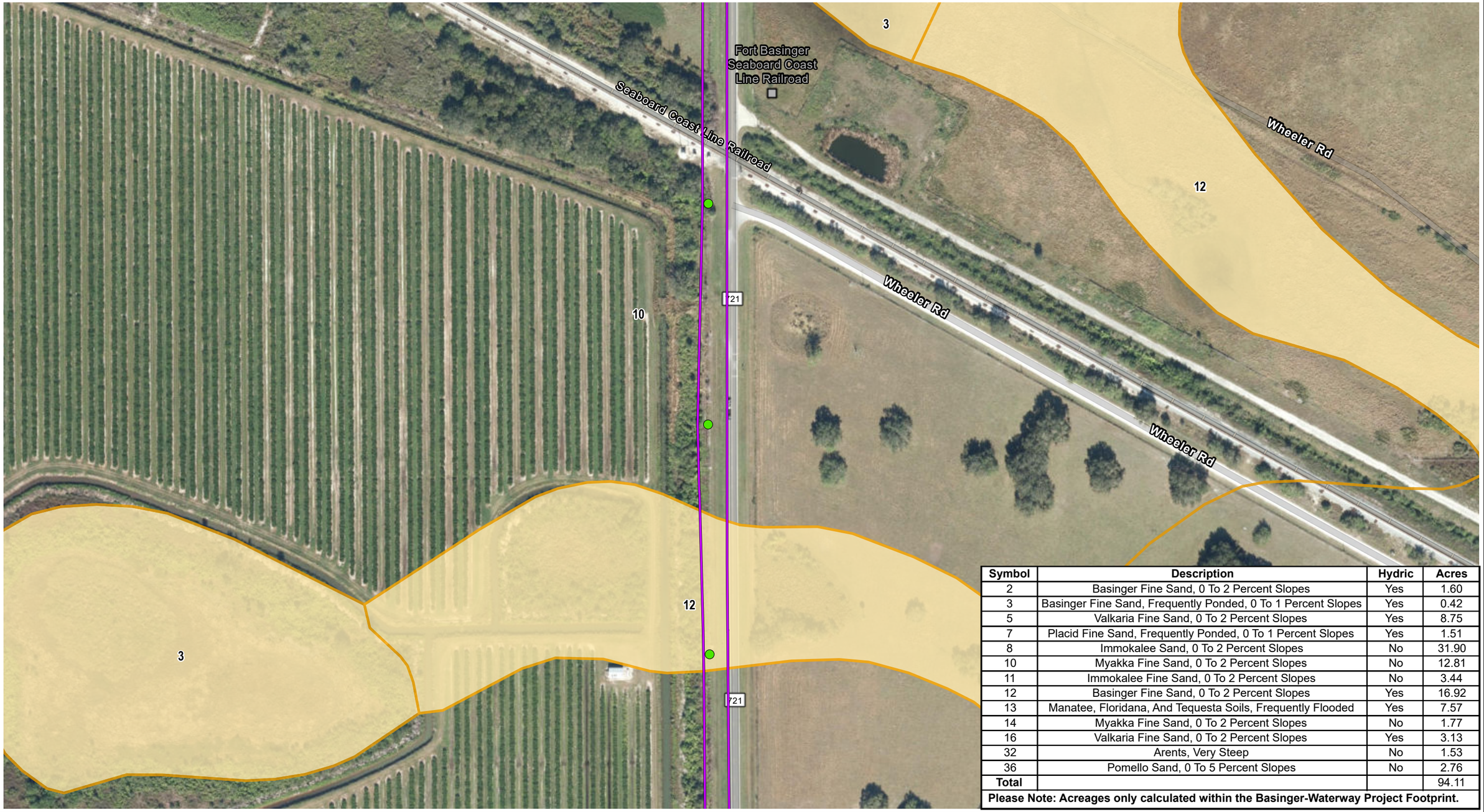

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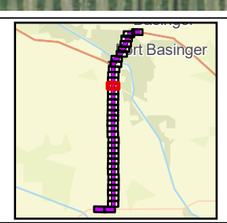
10	Myakka Fine Sand, 0 To 2 Percent Slopes	No	12.81
11	Immokalee Fine Sand, 0 To 2 Percent Slopes	No	3.44
12	Basinger Fine Sand, 0 To 2 Percent Slopes	Yes	16.92
13	Manatee, Floridana, And Tequesta Soils, Frequently Flooded	Yes	7.57
14	Myakka Fine Sand, 0 To 2 Percent Slopes	No	1.77
16	Valkaria Fine Sand, 0 To 2 Percent Slopes	Yes	3.13
32	Arents, Very Steep	No	1.53
36	Pomello Sand, 0 To 5 Percent Slopes	No	2.76
Total			94.11

Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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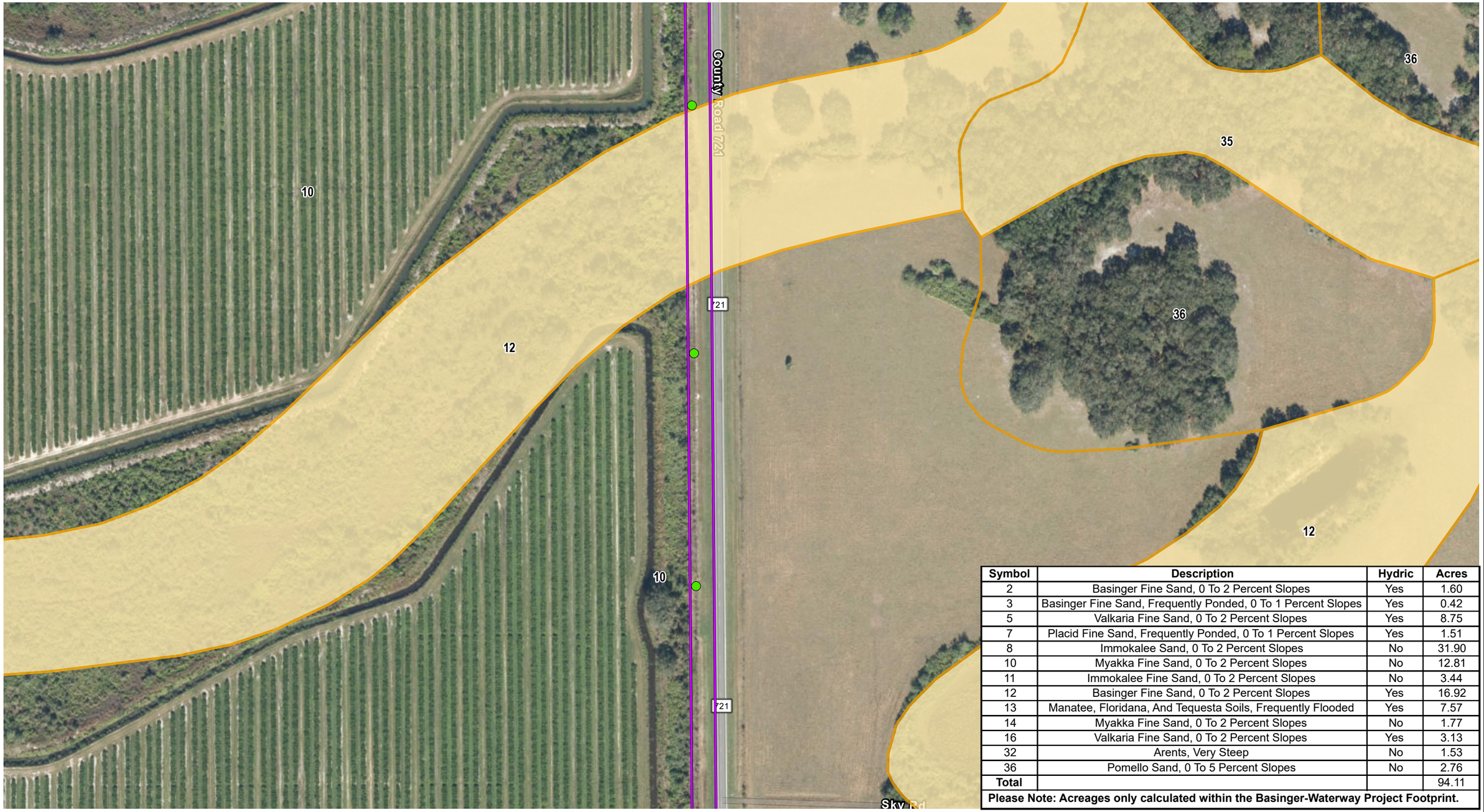
Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 12 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



Symbol	Description	Hydric	Acres
2	Basinger Fine Sand, 0 To 2 Percent Slopes	Yes	1.60
3	Basinger Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	Yes	0.42
5	Valkaria Fine Sand, 0 To 2 Percent Slopes	Yes	8.75
7	Placid Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	Yes	1.51
8	Immokalee Sand, 0 To 2 Percent Slopes	No	31.90
10	Myakka Fine Sand, 0 To 2 Percent Slopes	No	12.81
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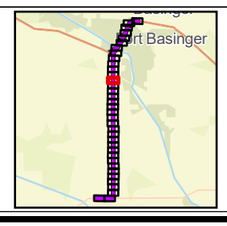
32	Arents, Very Steep	No	1.53
36	Pomello Sand, 0 To 5 Percent Slopes	No	2.76
Total			94.11

Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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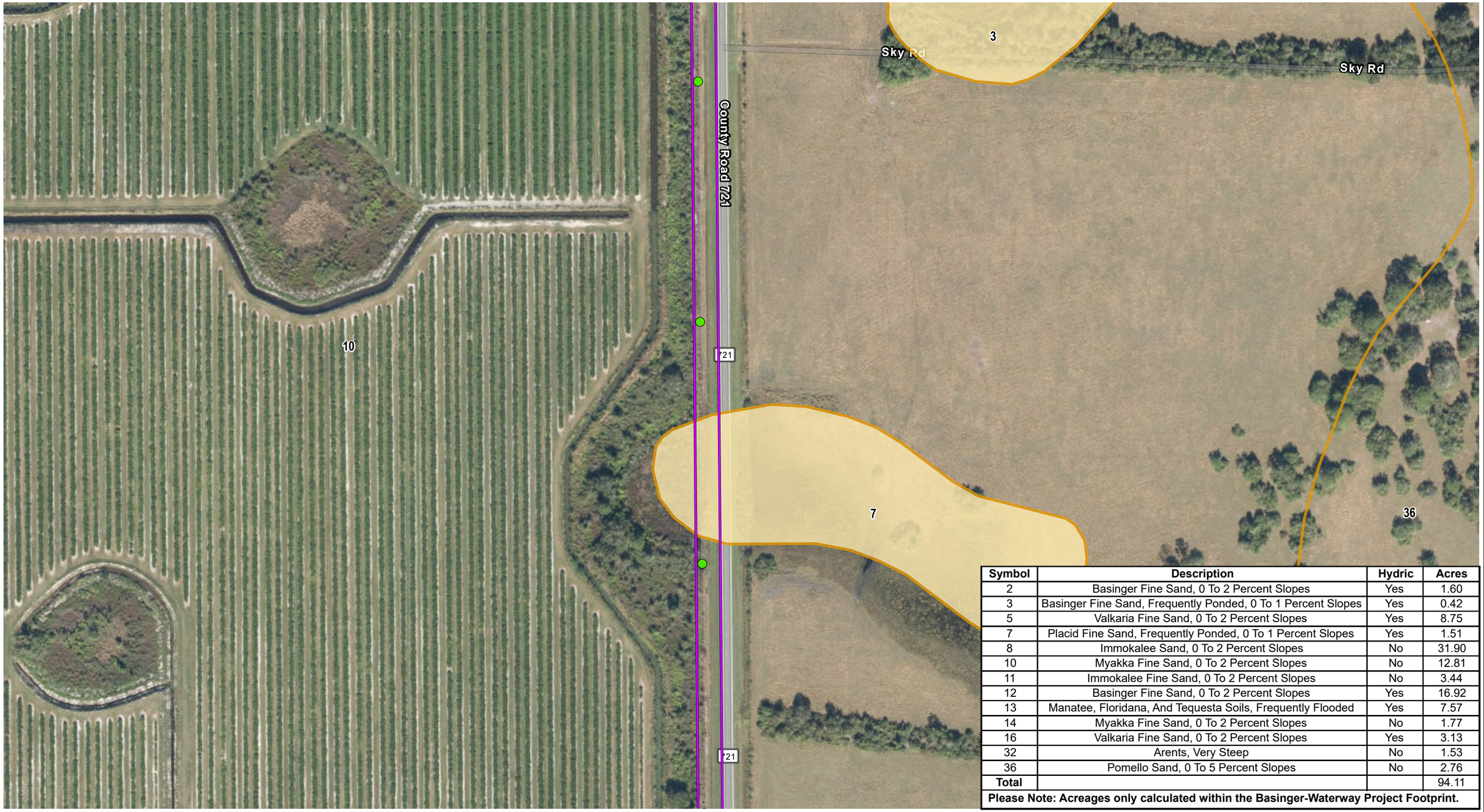
Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 13 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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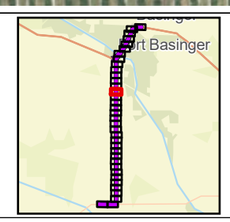
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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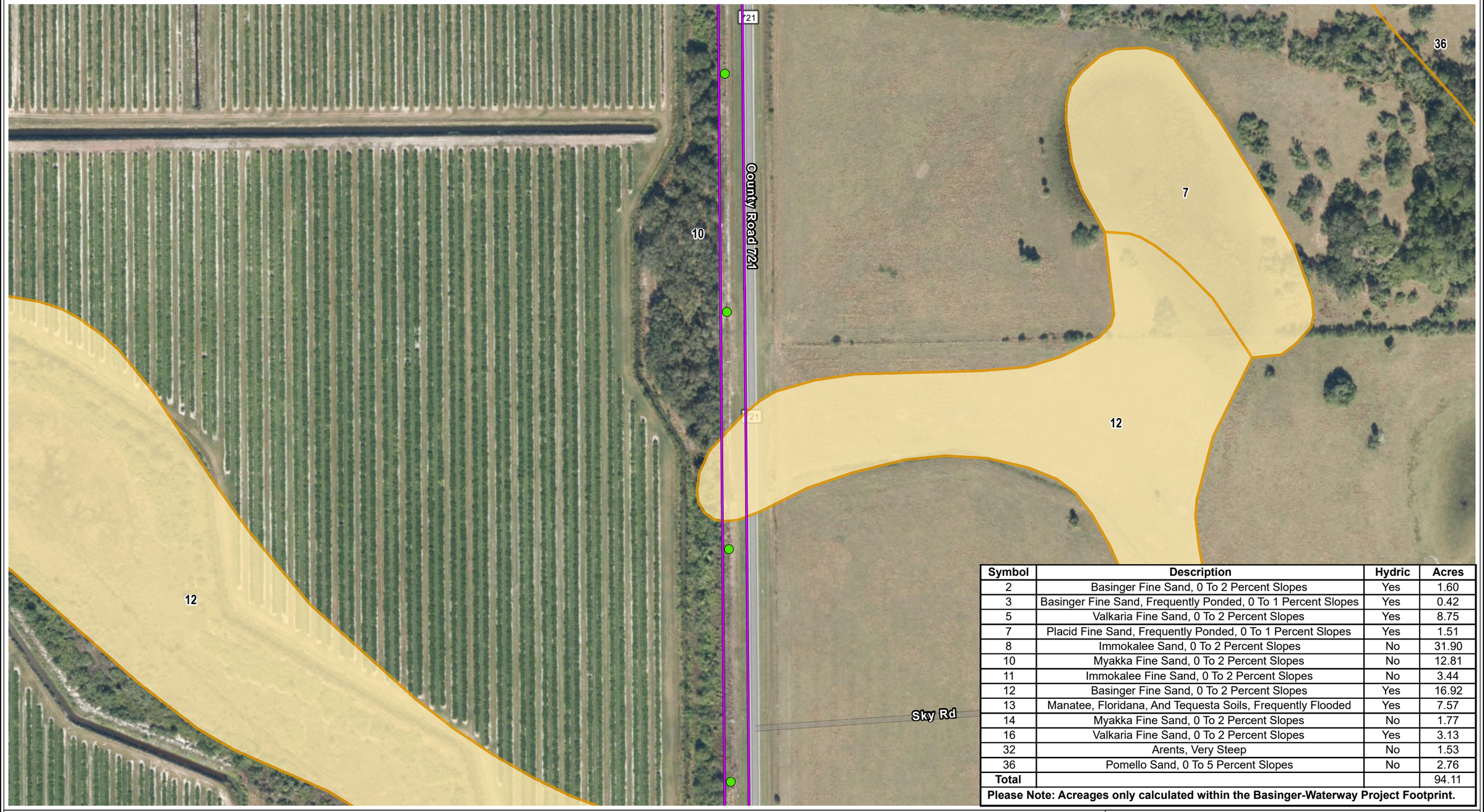
Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 14 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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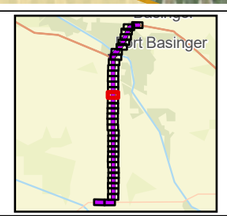
- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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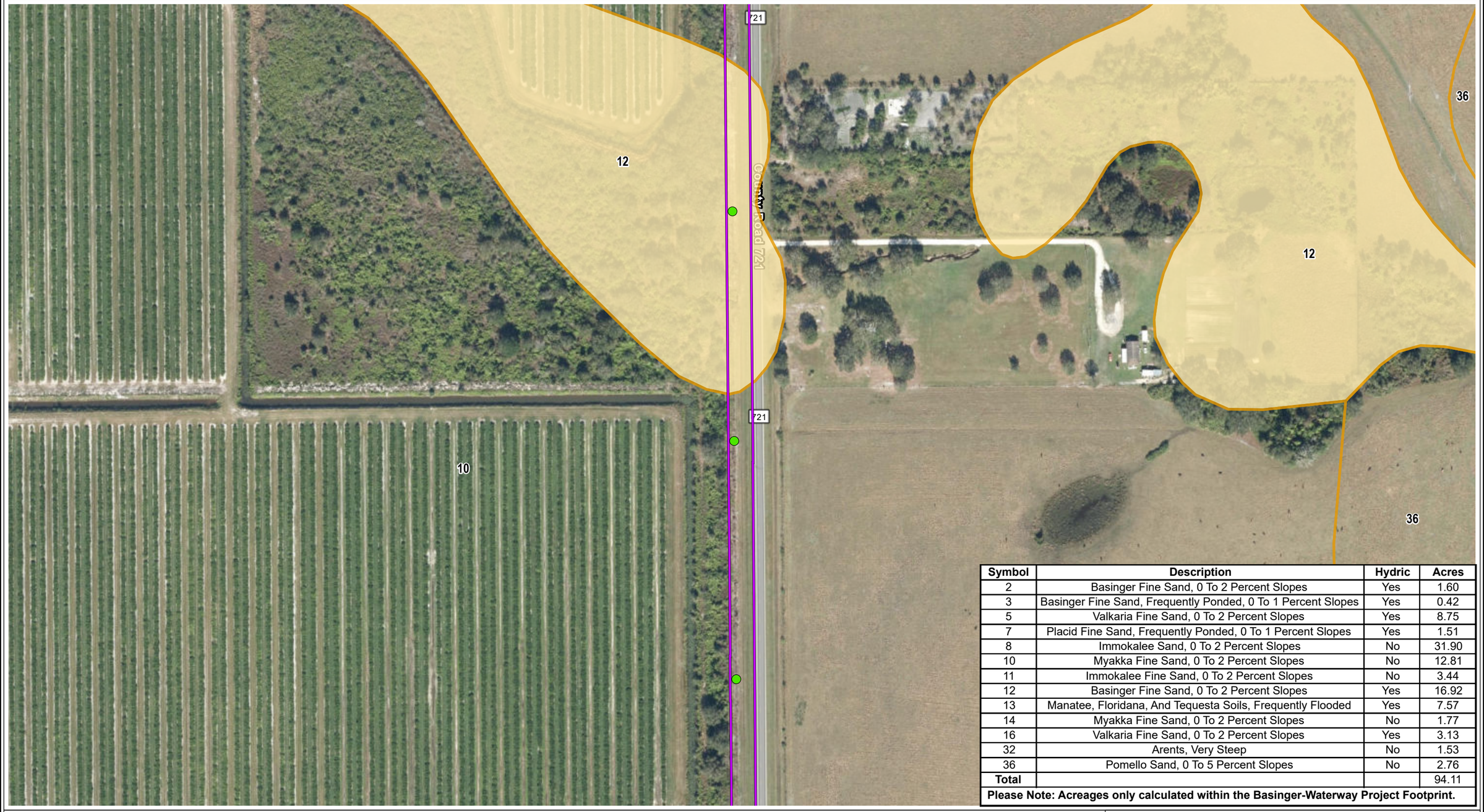
Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 15 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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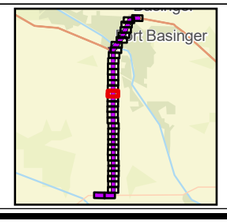
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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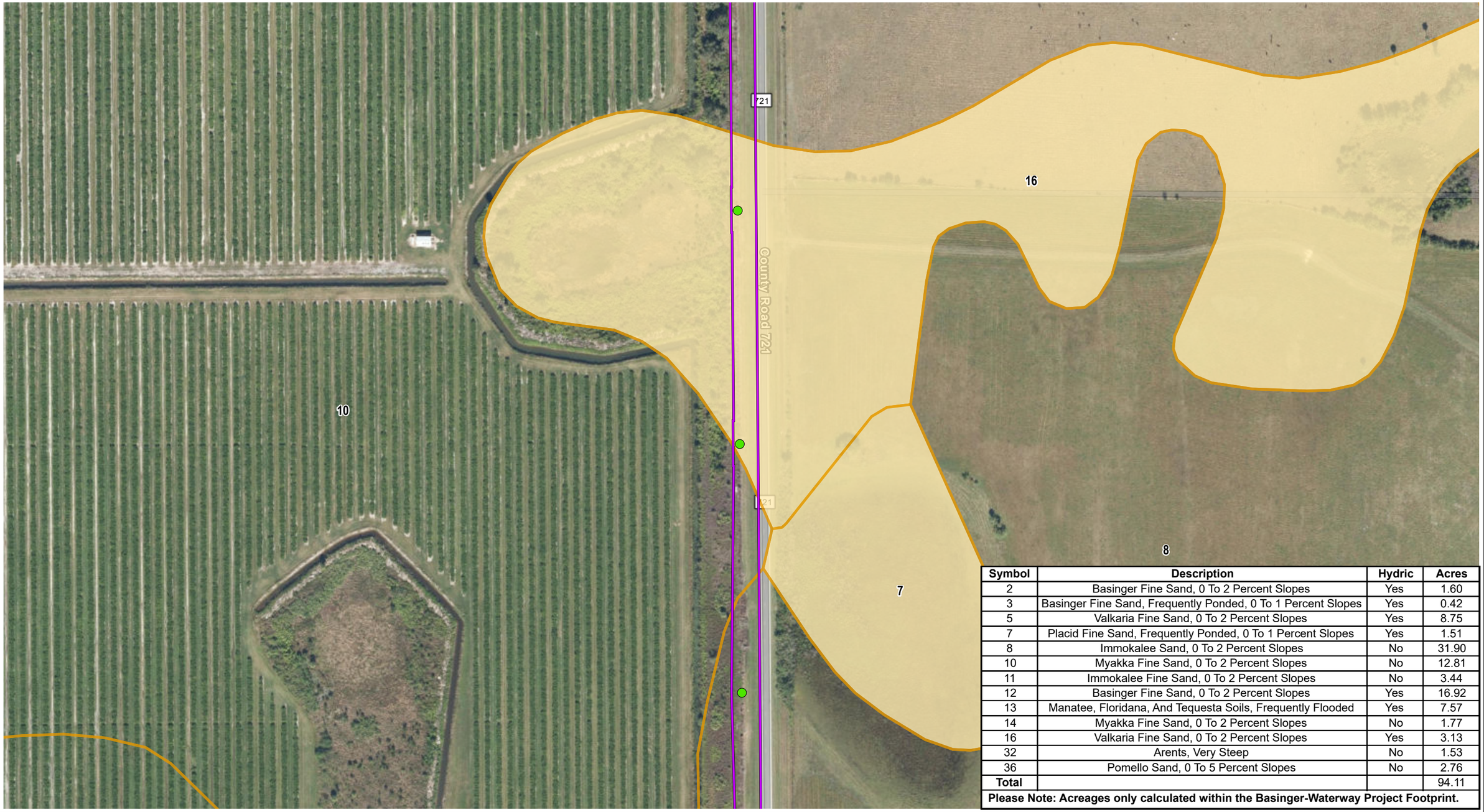
Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 16 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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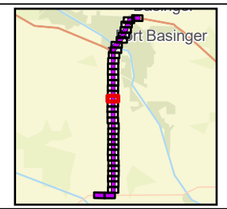
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 17 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT

Symbol	Description	Hydric	Acres
2	Basinger Fine Sand, 0 To 2 Percent Slopes	Yes	1.60
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Total			94.11

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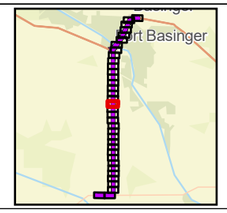
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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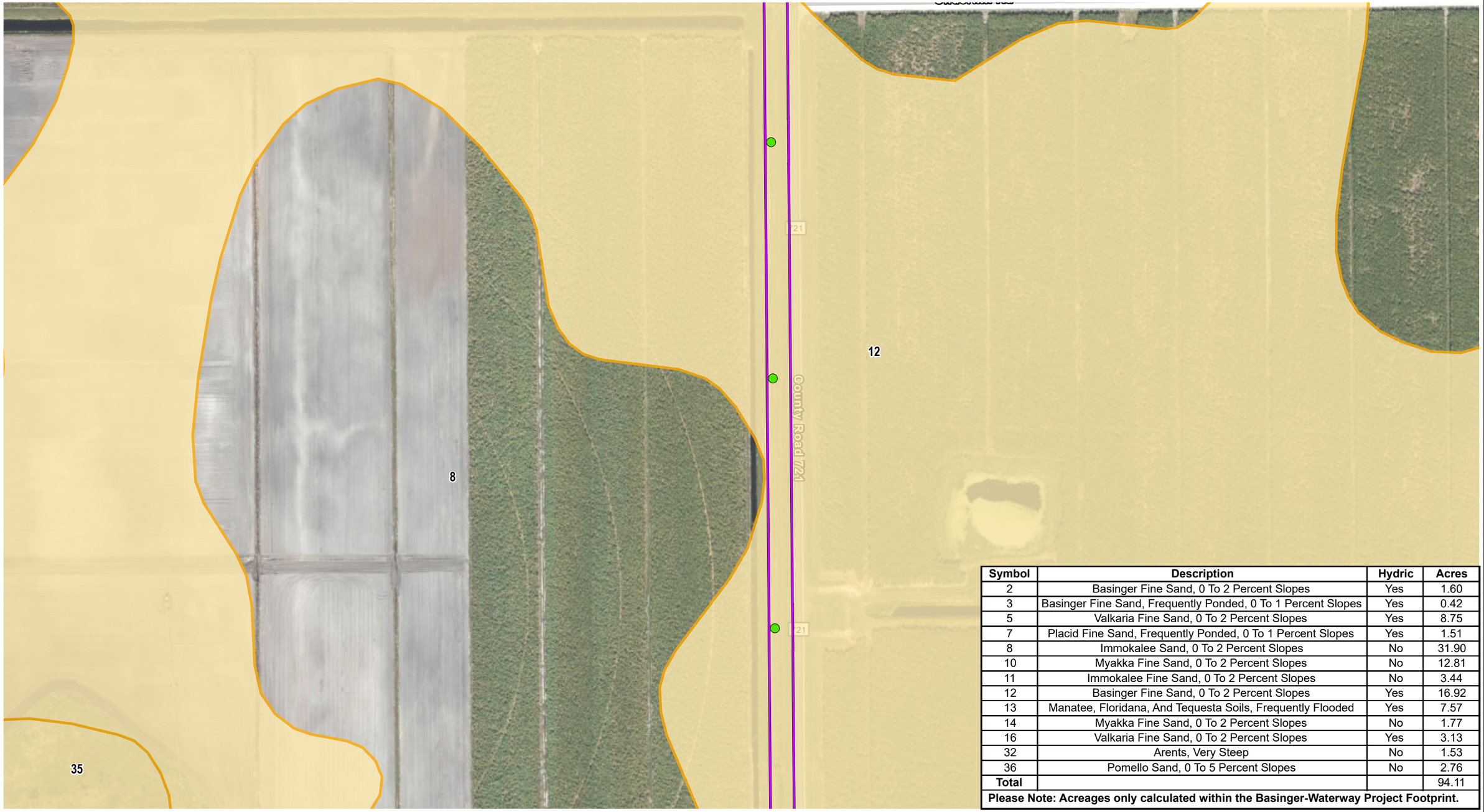
Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 18 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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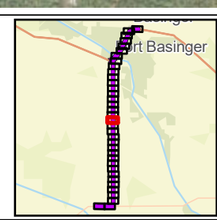
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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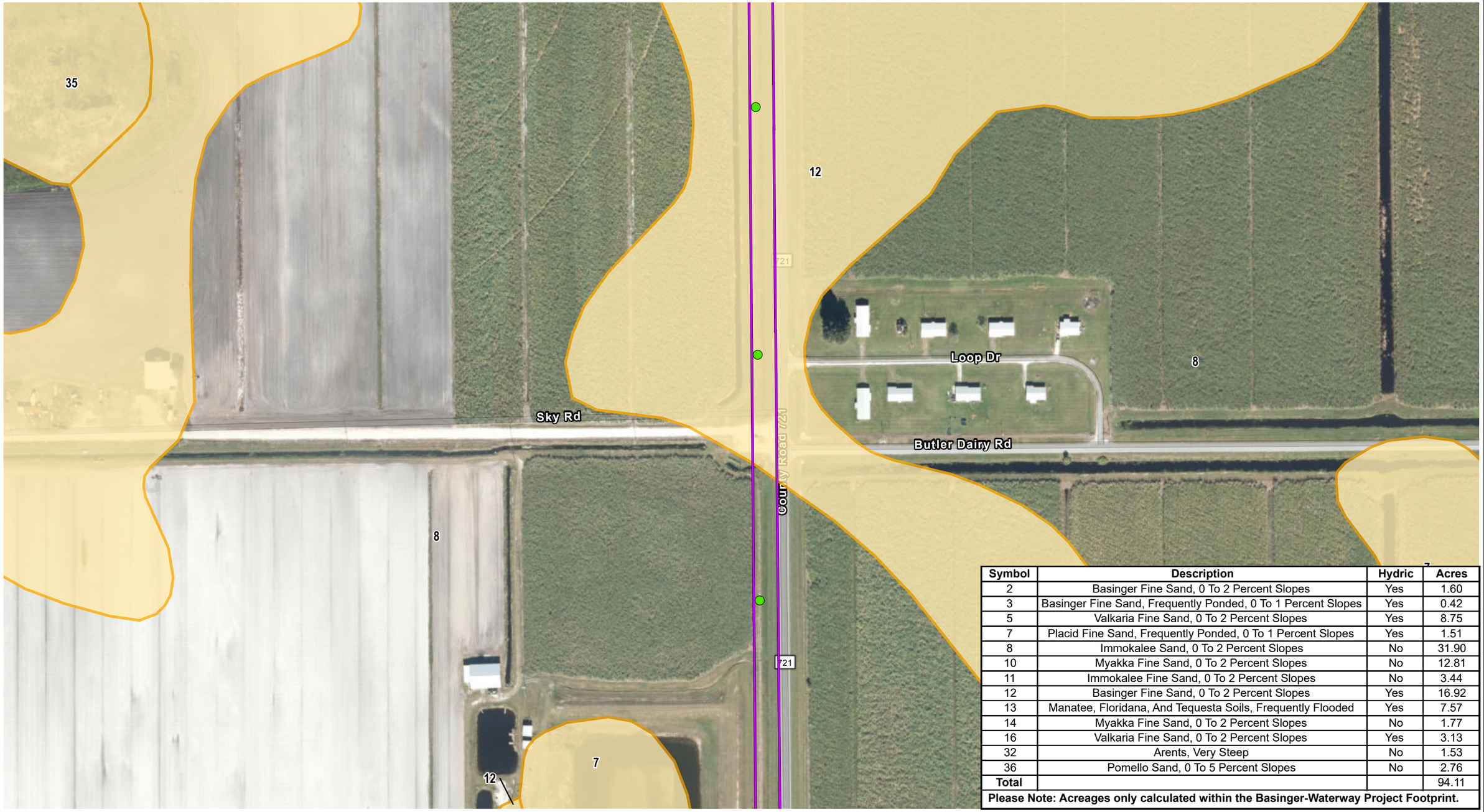
Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 19 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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Legend

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- Substation
- Soil
- Hydric Soil
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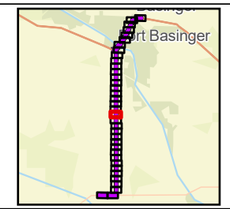

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Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 20 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT

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- Substation
- Soil
- Hydric Soil
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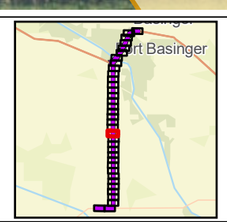

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Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 21 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT

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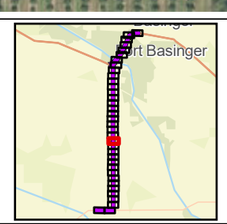

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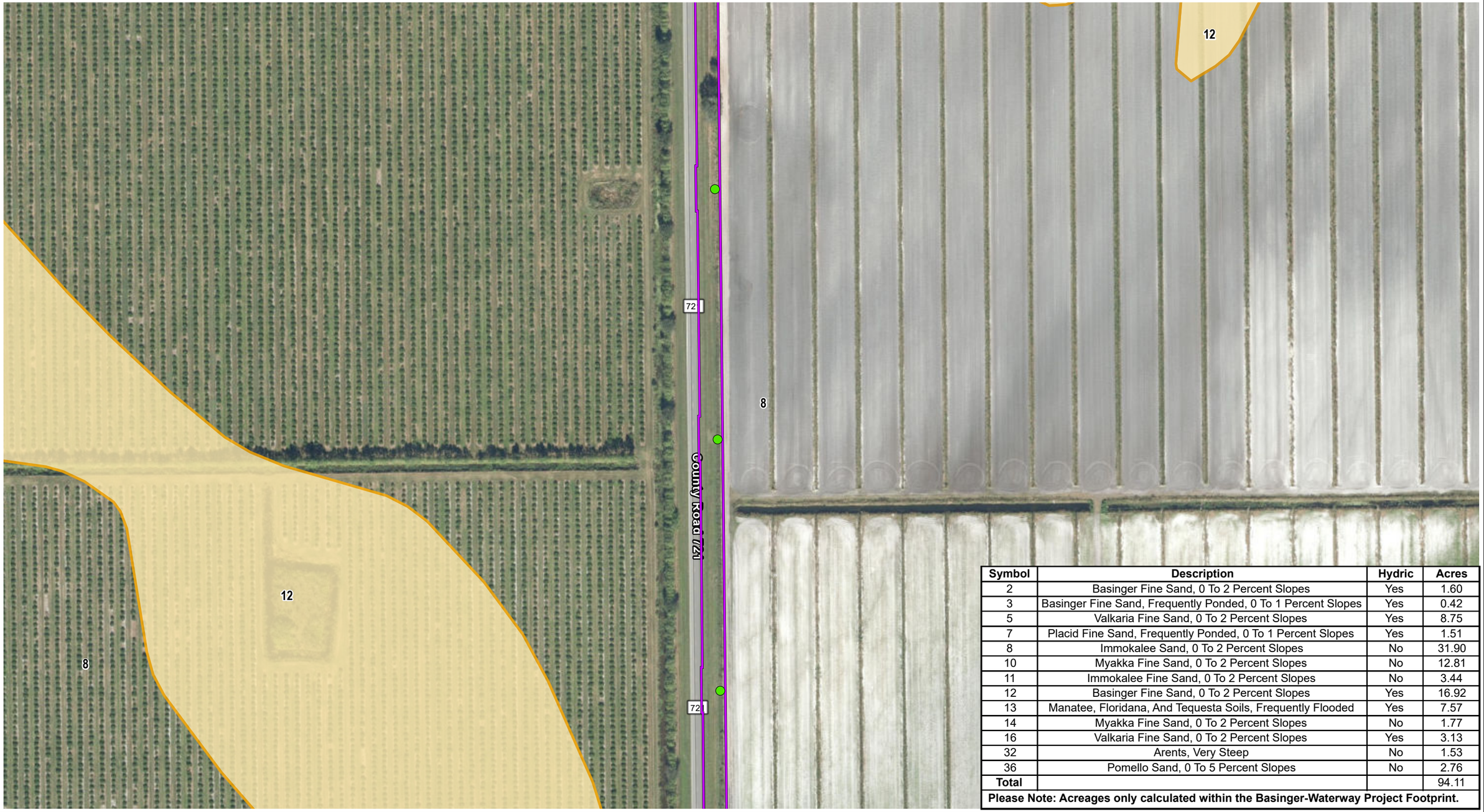
Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 22 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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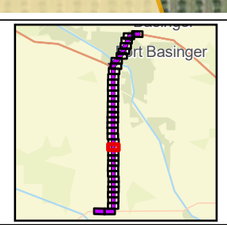
- Hydric Soil
- Basinger-Waterway Project Footprint



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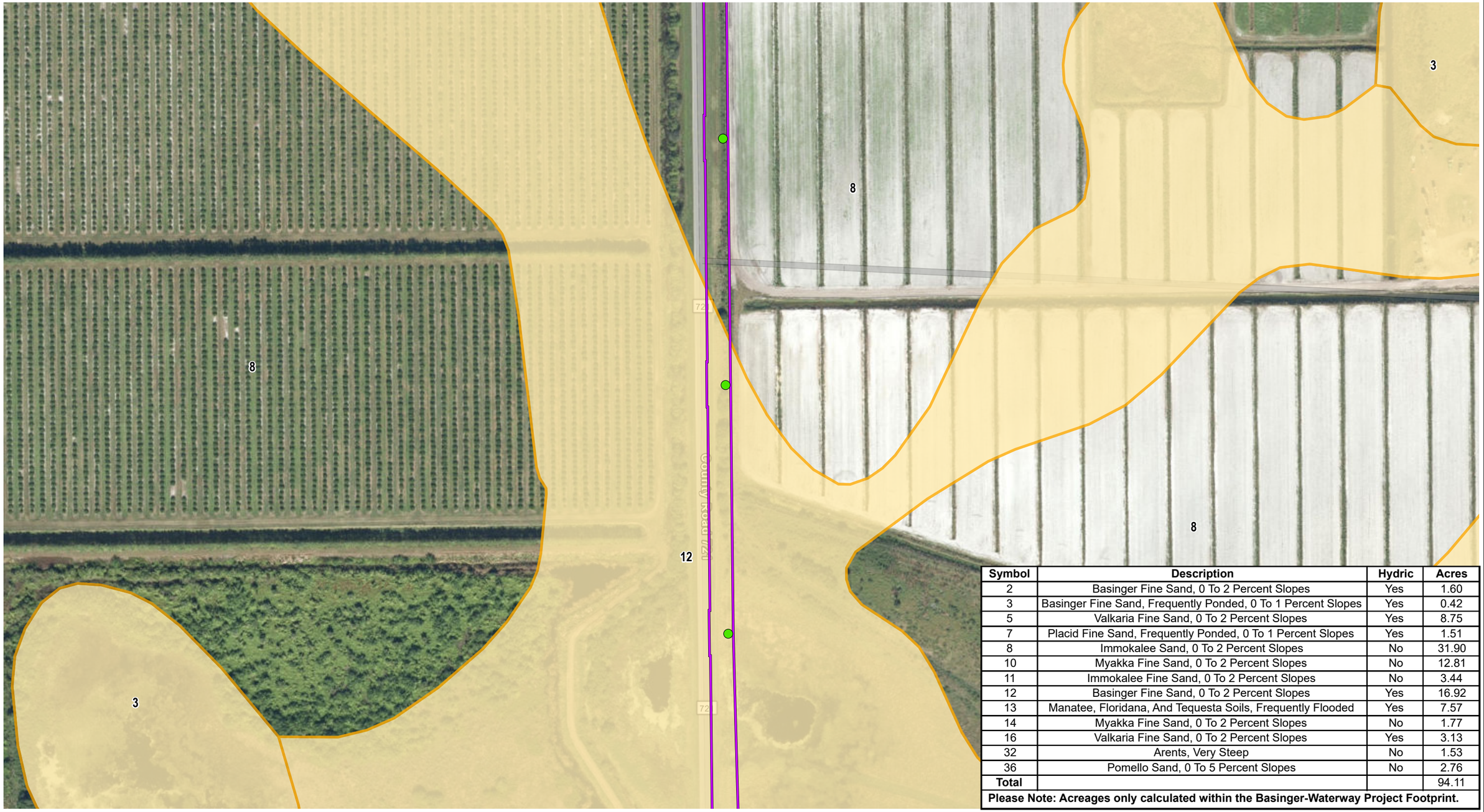
Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 23 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT

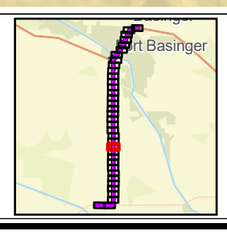


Symbol	Description	Hydric	Acres
2	Basinger Fine Sand, 0 To 2 Percent Slopes	Yes	1.60
3	Basinger Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	Yes	0.42
5	Valkaria Fine Sand, 0 To 2 Percent Slopes	Yes	8.75
7	Placid Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	Yes	1.51
8	Immokalee Sand, 0 To 2 Percent Slopes	No	31.90
10	Myakka Fine Sand, 0 To 2 Percent Slopes	No	12.81
11	Immokalee Fine Sand, 0 To 2 Percent Slopes	No	3.44
12	Basinger Fine Sand, 0 To 2 Percent Slopes	Yes	16.92
13	Manatee, Floridana, And Tequesta Soils, Frequently Flooded	Yes	7.57
14	Myakka Fine Sand, 0 To 2 Percent Slopes	No	1.77
16	Valkaria Fine Sand, 0 To 2 Percent Slopes	Yes	3.13
32	Arents, Very Steep	No	1.53
36	Pomello Sand, 0 To 5 Percent Slopes	No	2.76
Total			94.11

Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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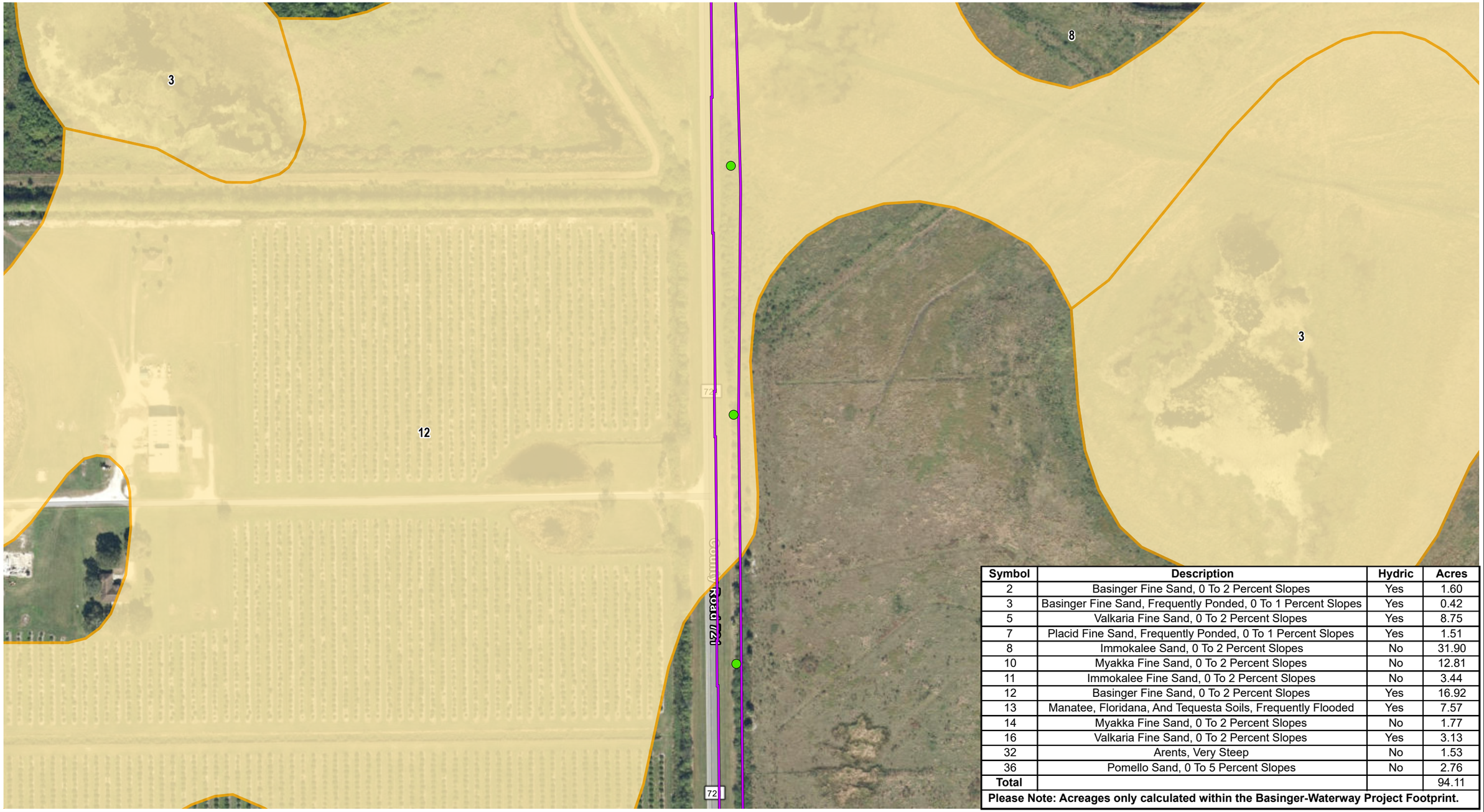
Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 24 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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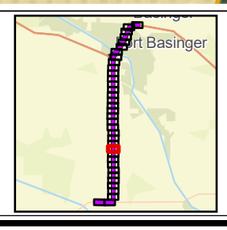
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

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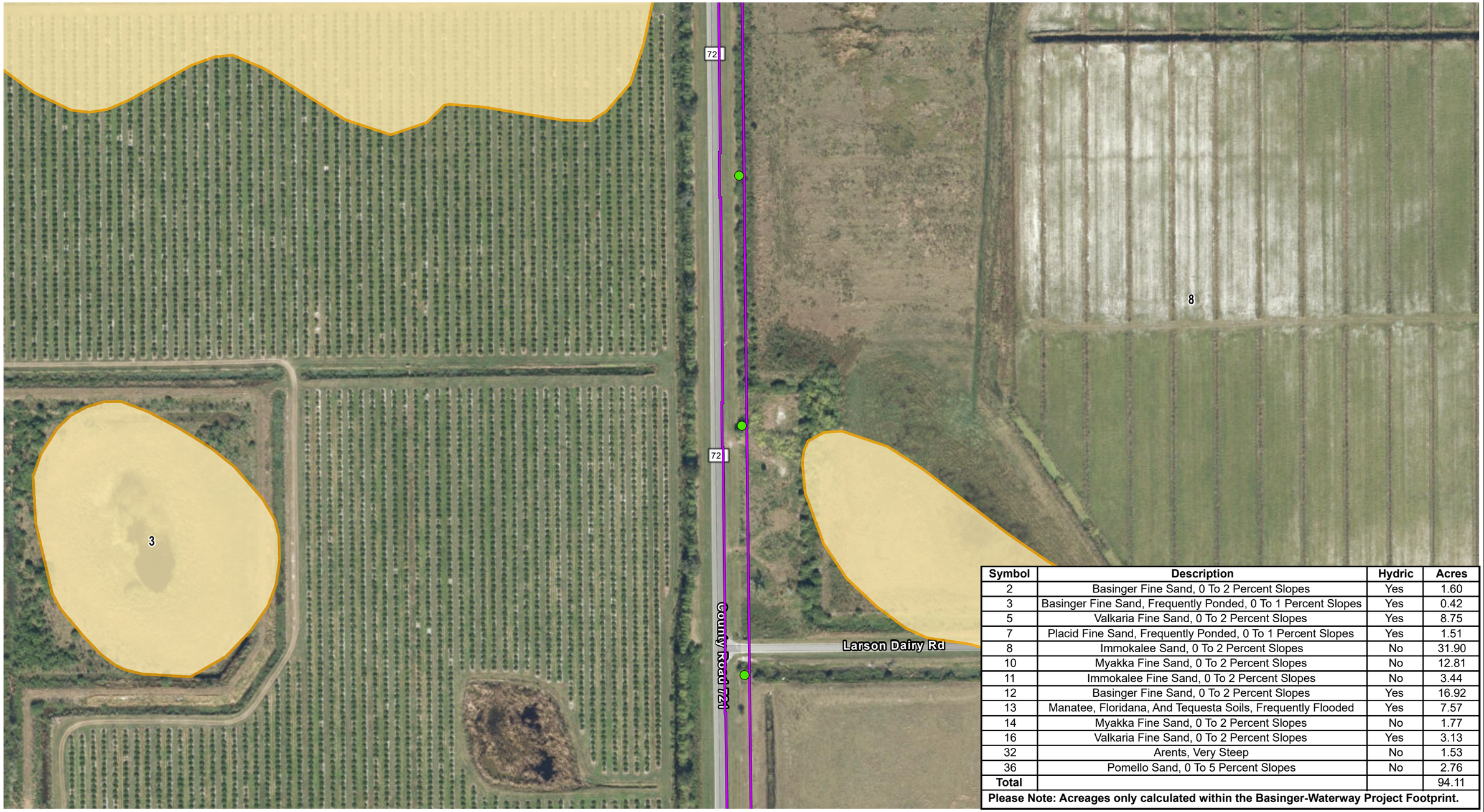
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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Total			94.11

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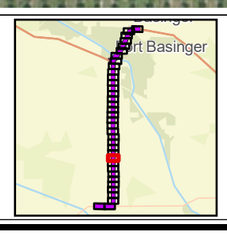
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

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Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT

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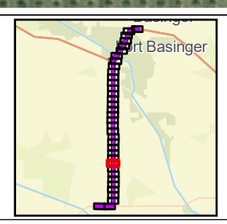
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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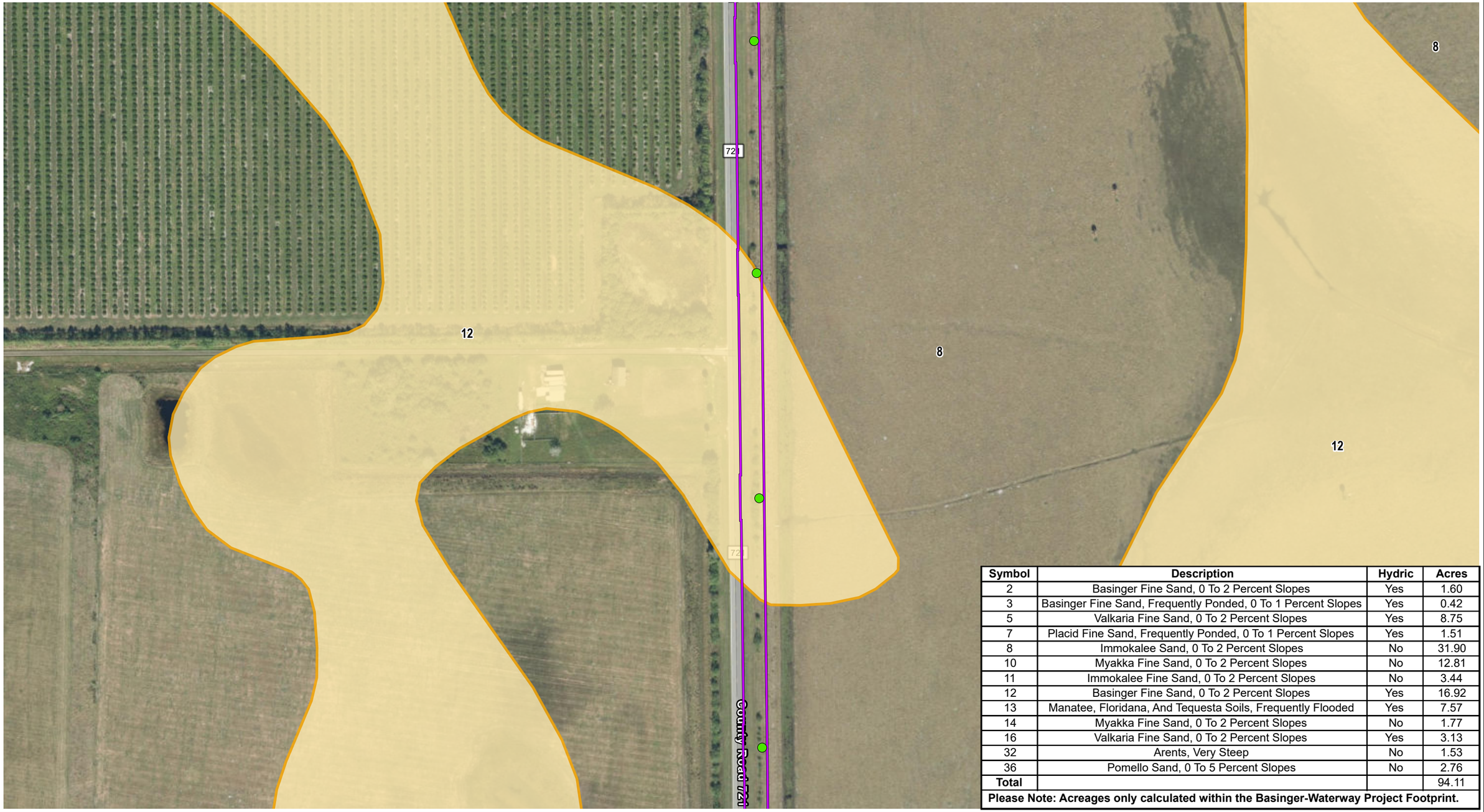
Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 27 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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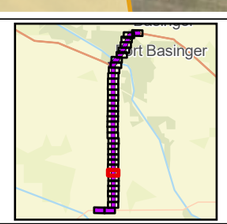
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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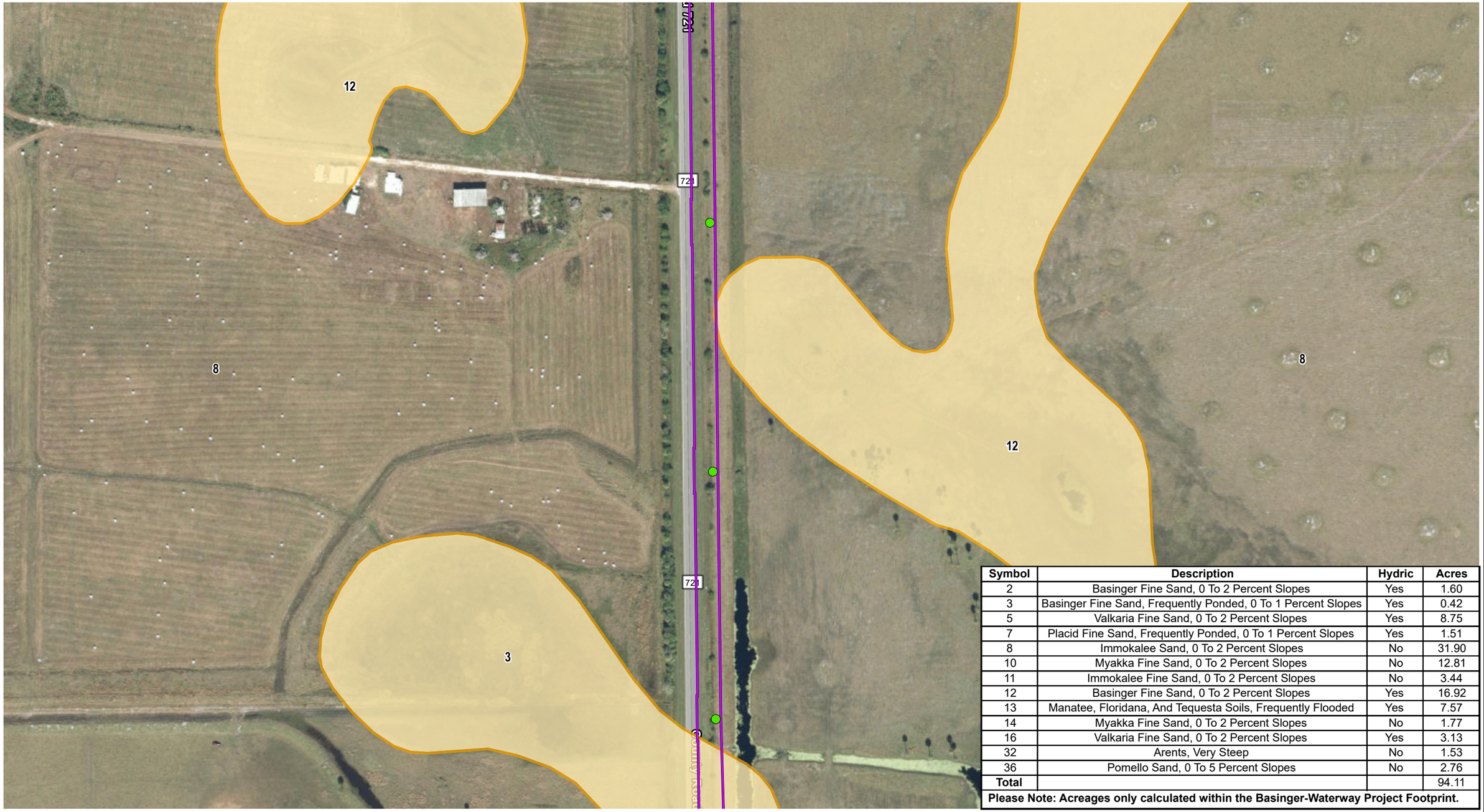
Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 28 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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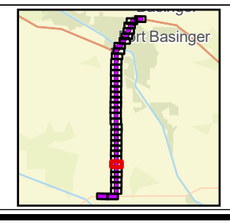
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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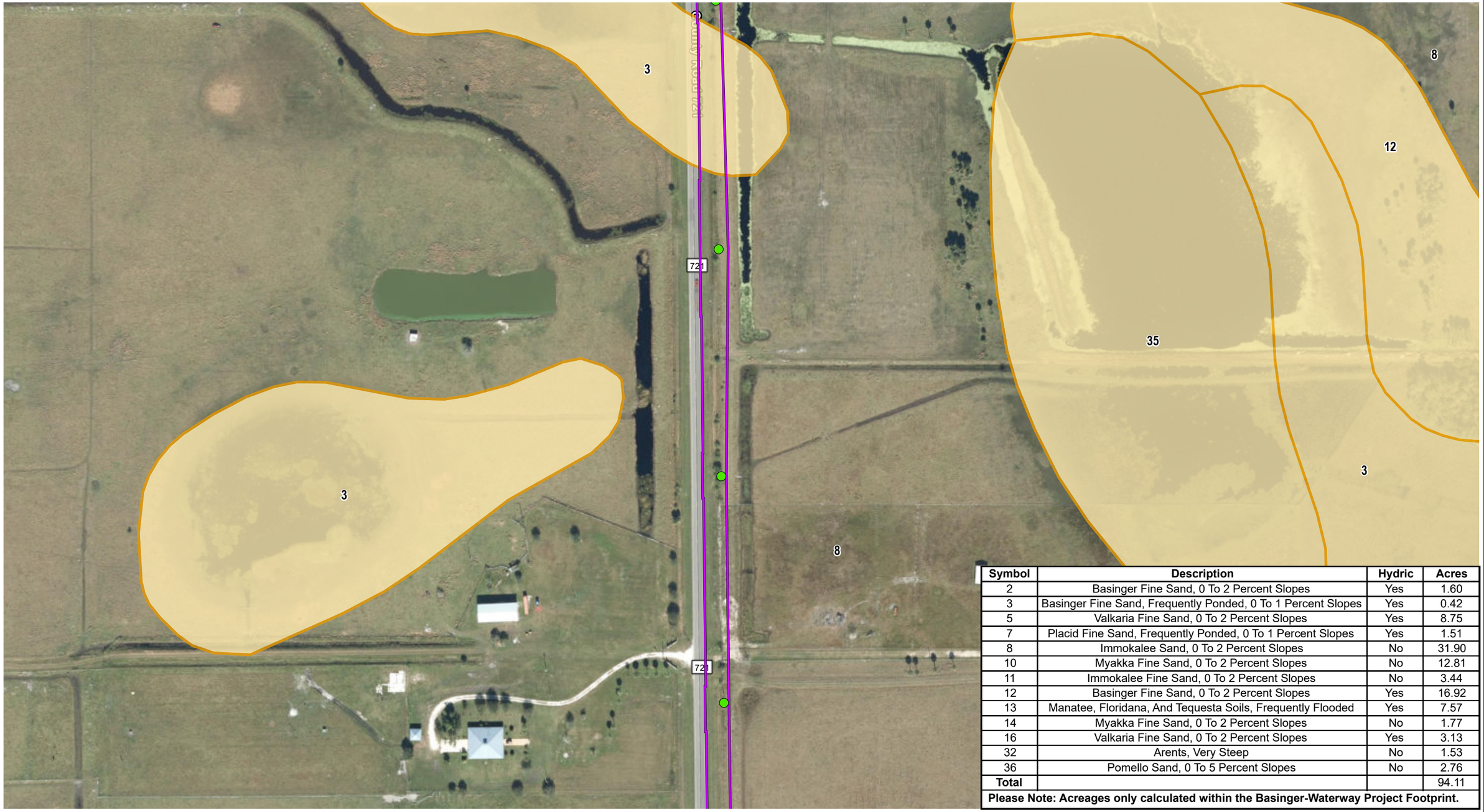
Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 29 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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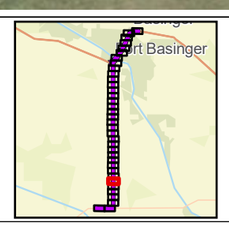
Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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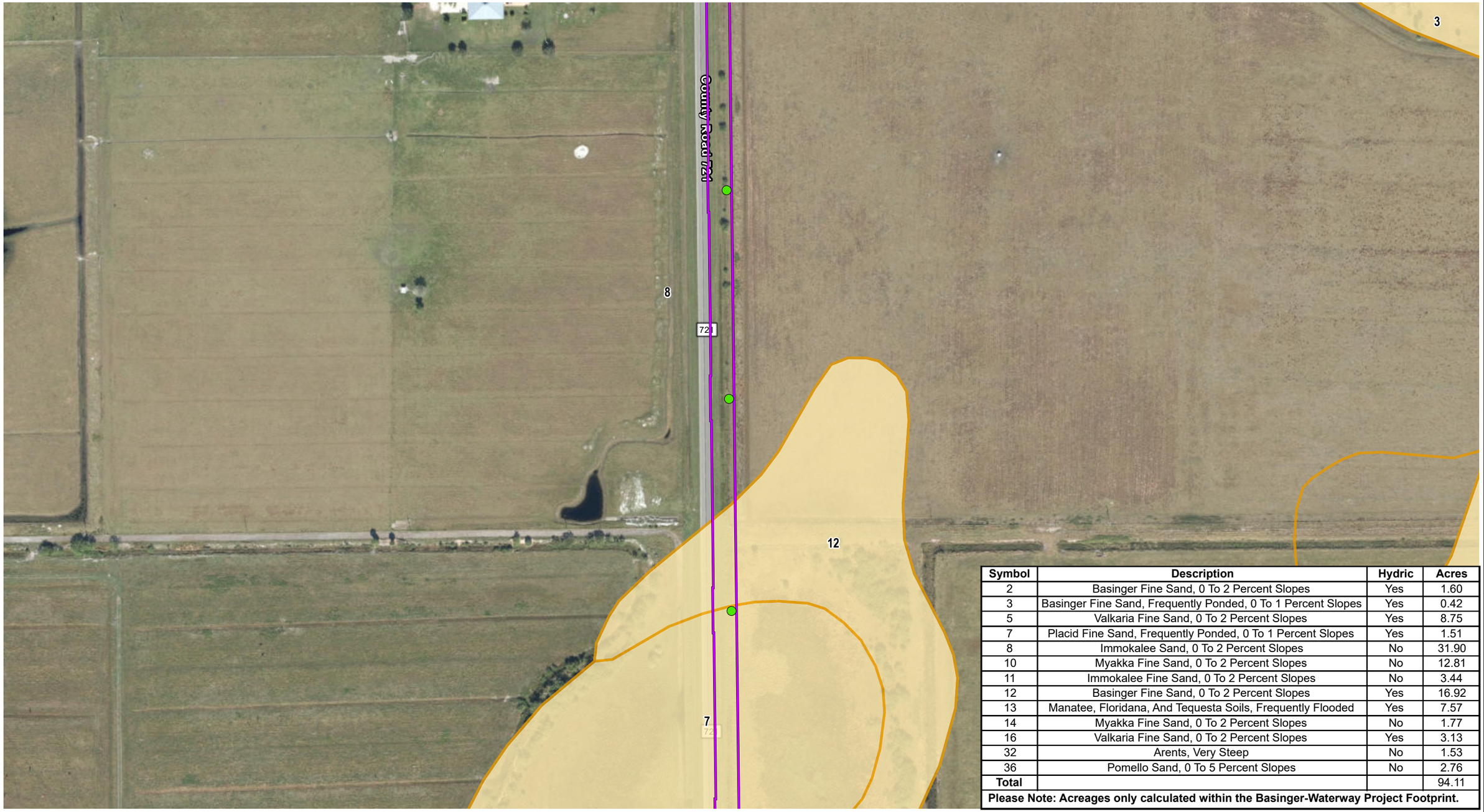
Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 30 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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Legend

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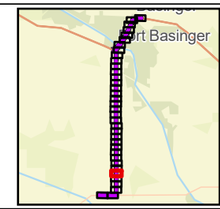
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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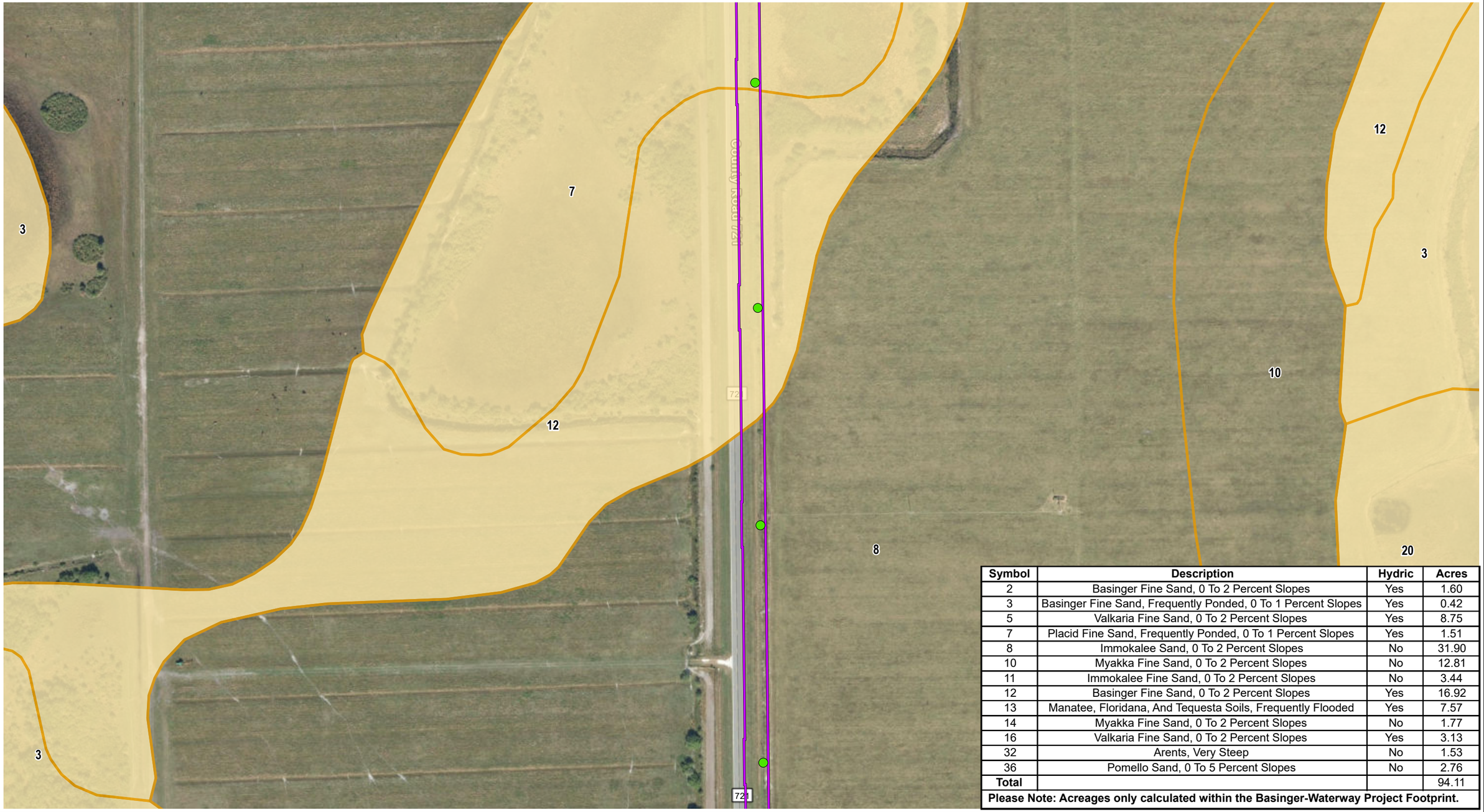
Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 31 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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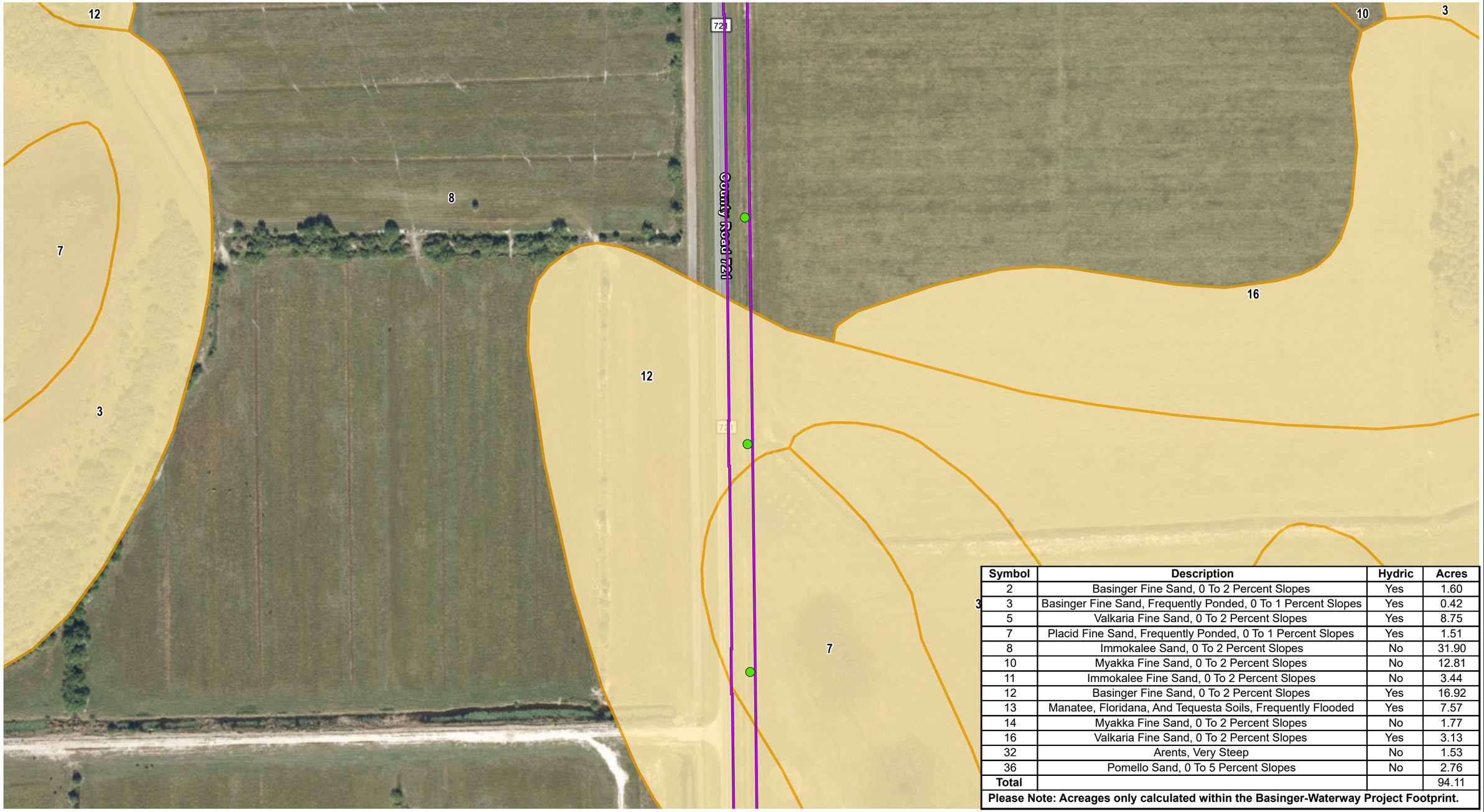
Attachment 7 - Page 32 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



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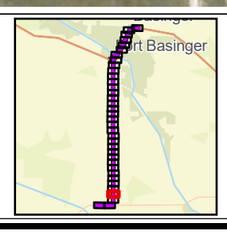

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Attachment 7 - Page 33 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT

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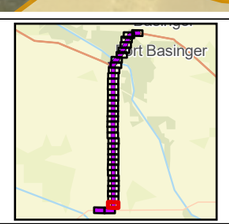

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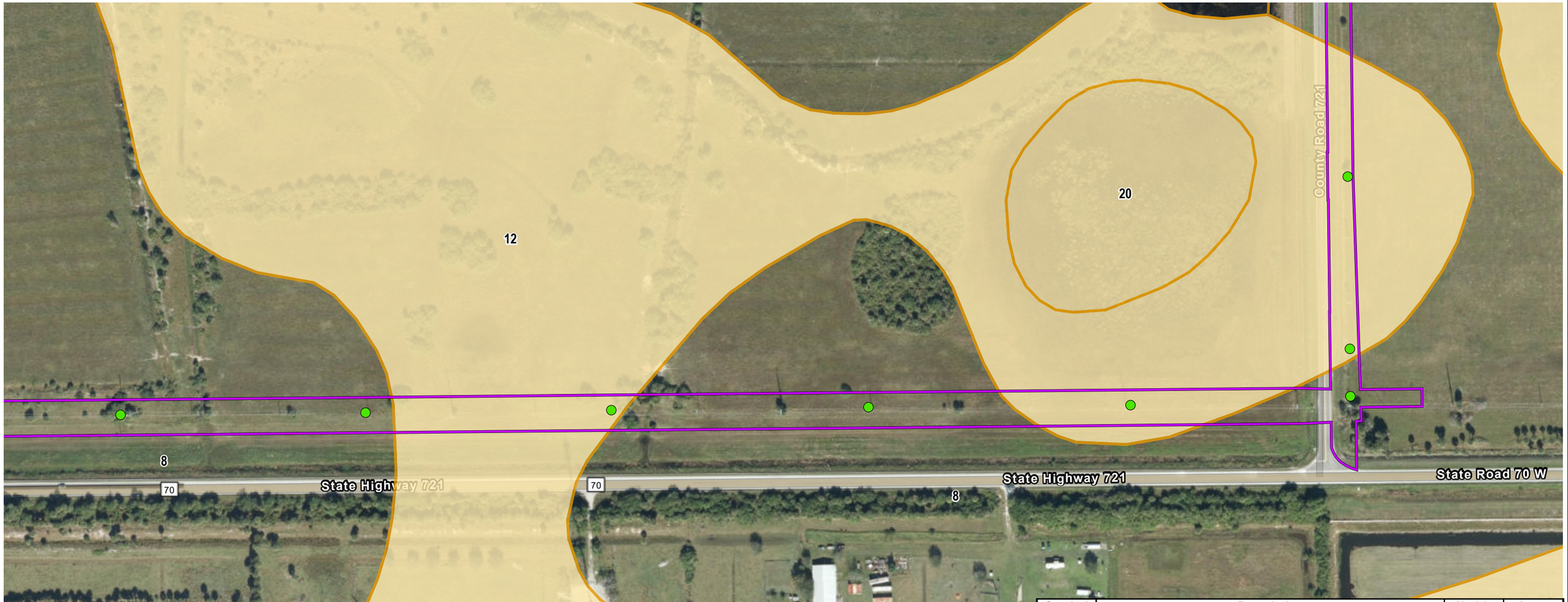
Attachment 7 - Page 34 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT

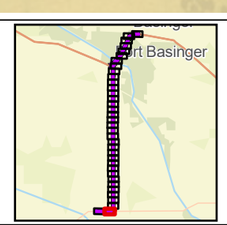


Symbol	Description	Hydric	Acres
2	Basinger Fine Sand, 0 To 2 Percent Slopes	Yes	1.60
3	Basinger Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	Yes	0.42
5	Valkaria Fine Sand, 0 To 2 Percent Slopes	Yes	8.75
7	Placid Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	Yes	1.51
8	Immokalee Sand, 0 To 2 Percent Slopes	No	31.90
10	Myakka Fine Sand, 0 To 2 Percent Slopes	No	12.81
11	Immokalee Fine Sand, 0 To 2 Percent Slopes	No	3.44
12	Basinger Fine Sand, 0 To 2 Percent Slopes	Yes	16.92
13	Manatee, Floridana, And Tequesta Soils, Frequently Flooded	Yes	7.57
14	Myakka Fine Sand, 0 To 2 Percent Slopes	No	1.77
16	Valkaria Fine Sand, 0 To 2 Percent Slopes	Yes	3.13
32	Arents, Very Steep	No	1.53
36	Pomello Sand, 0 To 5 Percent Slopes	No	2.76
Total			94.11

Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint



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0 200 400

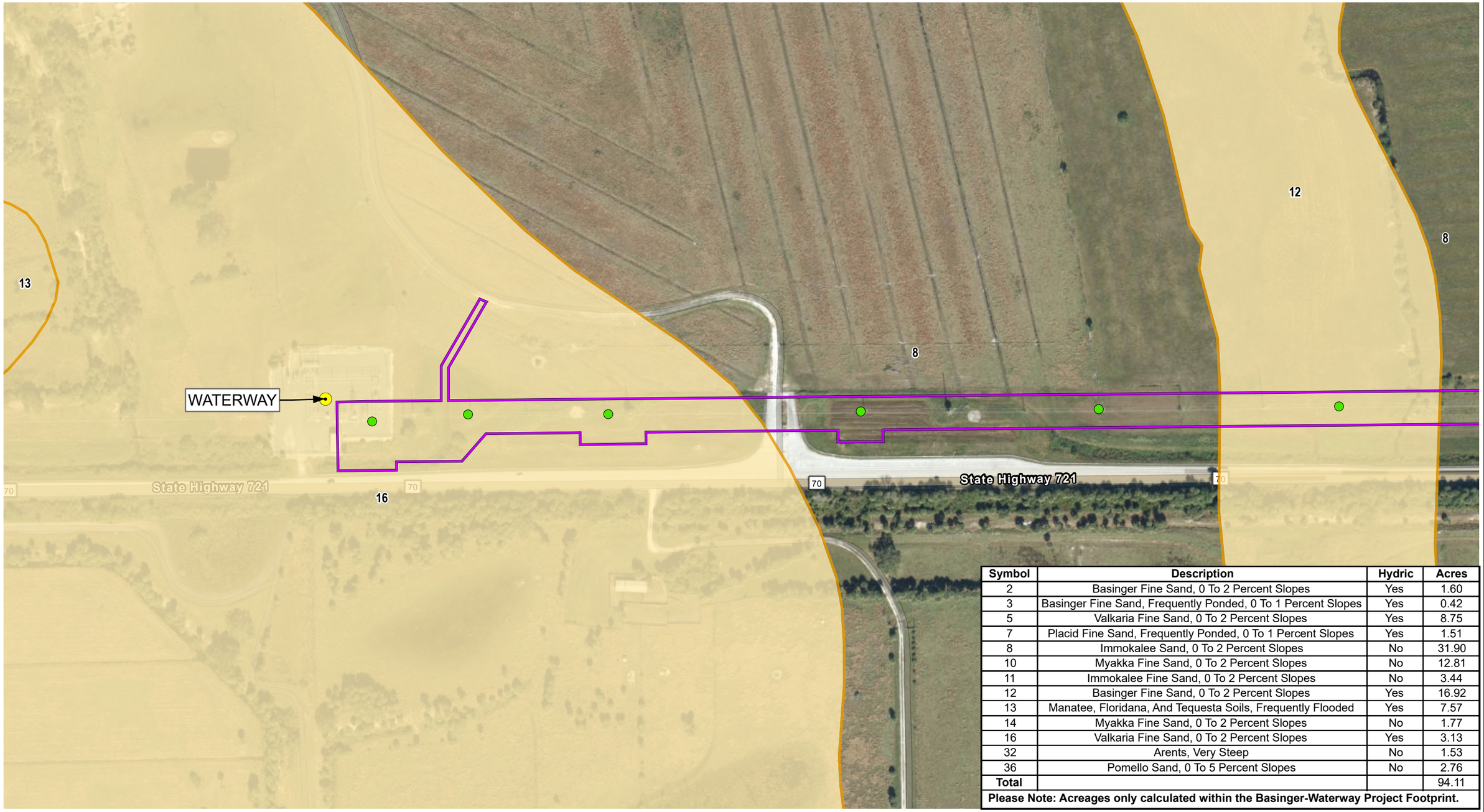
Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 35 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

ECT



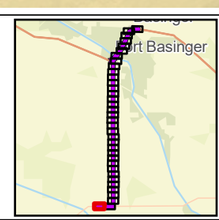
Symbol	Description	Hydric	Acres
2	Basinger Fine Sand, 0 To 2 Percent Slopes	Yes	1.60
3	Basinger Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	Yes	0.42
5	Valkaria Fine Sand, 0 To 2 Percent Slopes	Yes	8.75
7	Placid Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	Yes	1.51
8	Immokalee Sand, 0 To 2 Percent Slopes	No	31.90
10	Myakka Fine Sand, 0 To 2 Percent Slopes	No	12.81
11	Immokalee Fine Sand, 0 To 2 Percent Slopes	No	3.44
12	Basinger Fine Sand, 0 To 2 Percent Slopes	Yes	16.92
13	Manatee, Floridana, And Tequesta Soils, Frequently Flooded	Yes	7.57
14	Myakka Fine Sand, 0 To 2 Percent Slopes	No	1.77
16	Valkaria Fine Sand, 0 To 2 Percent Slopes	Yes	3.13
32	Arents, Very Steep	No	1.53
36	Pomello Sand, 0 To 5 Percent Slopes	No	2.76
Total			94.11

Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Soil
- Hydric Soil
- Basinger-Waterway Project Footprint

Note: Expansions or modifications of substations are to be permitted separately.



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Feet

Sources: FDOT 2020; NRCS 2023; Pickett 2023; ECT, 2024.

Attachment 7 - Page 36 of 36
Segment 2: Basinger - Waterway
Soils

Okeechobee & Highland Counties, Florida

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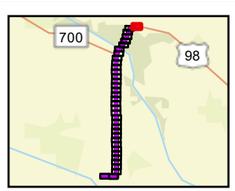
Attachment 8 – Aerial Map with Delineated Wetlands

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland

Note: Expansions or modifications of substations are to be permitted separately.



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

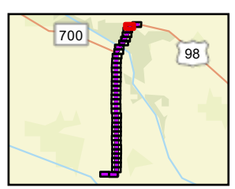
Attachment 8 - Page 1 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 2 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

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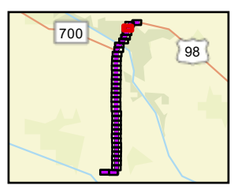
ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 3 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

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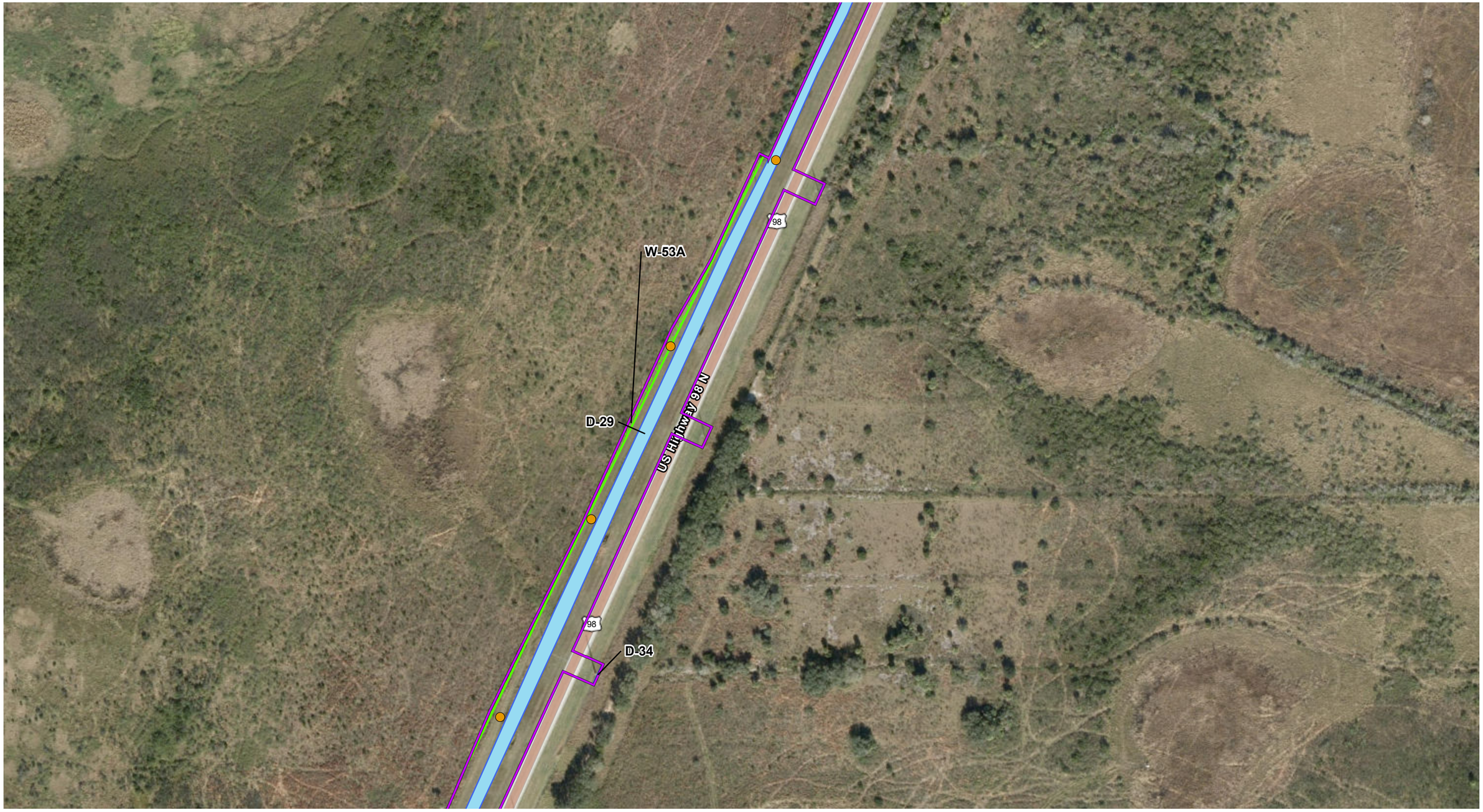
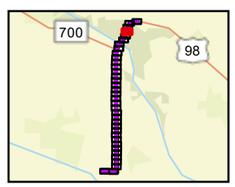


Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

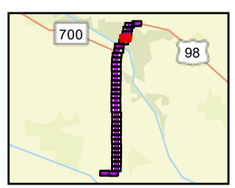
Attachment 8 - Page 4 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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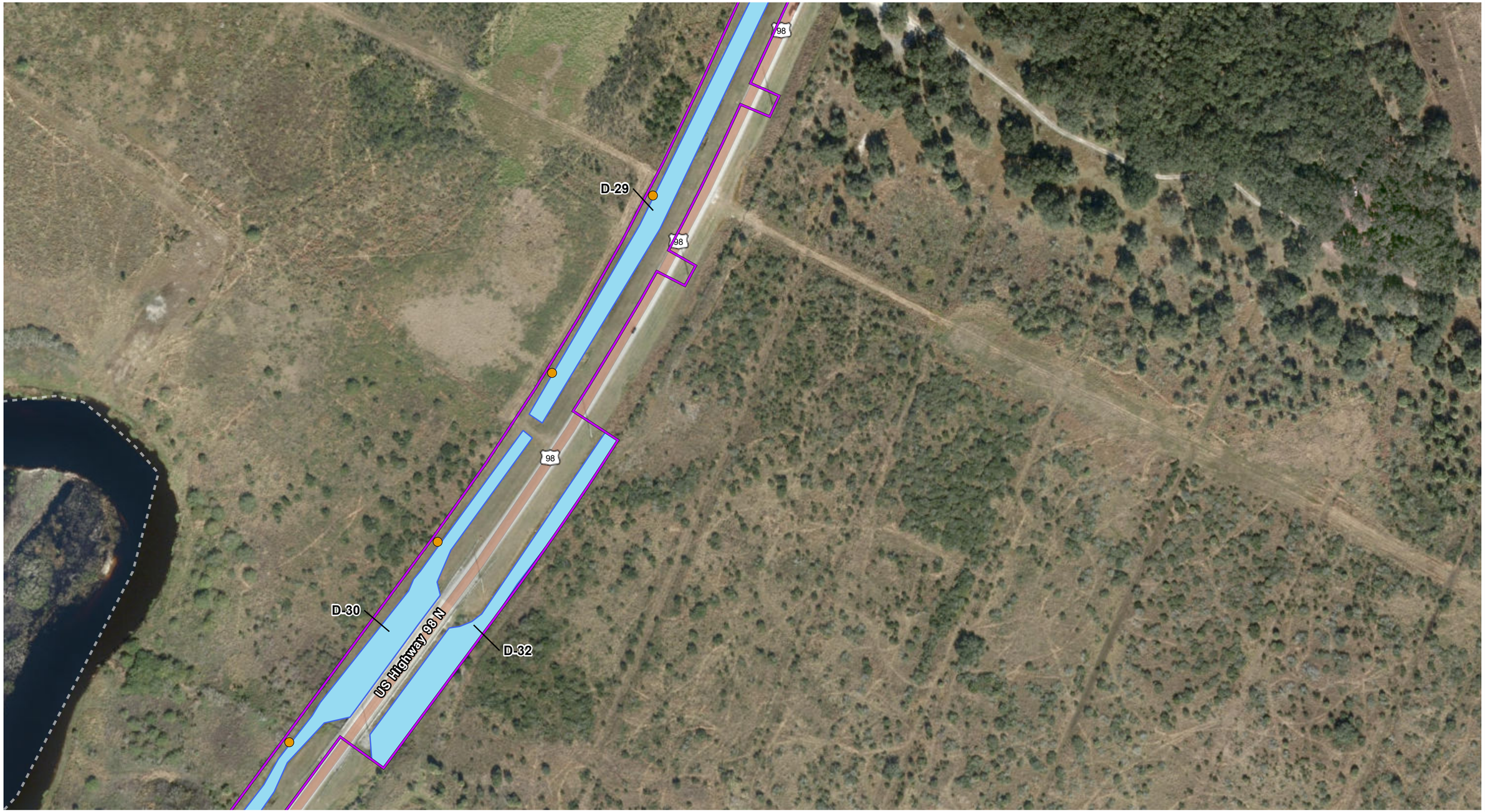
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 5 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

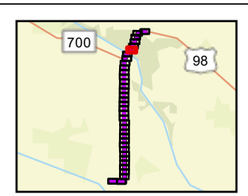
DeSoto County, Florida

ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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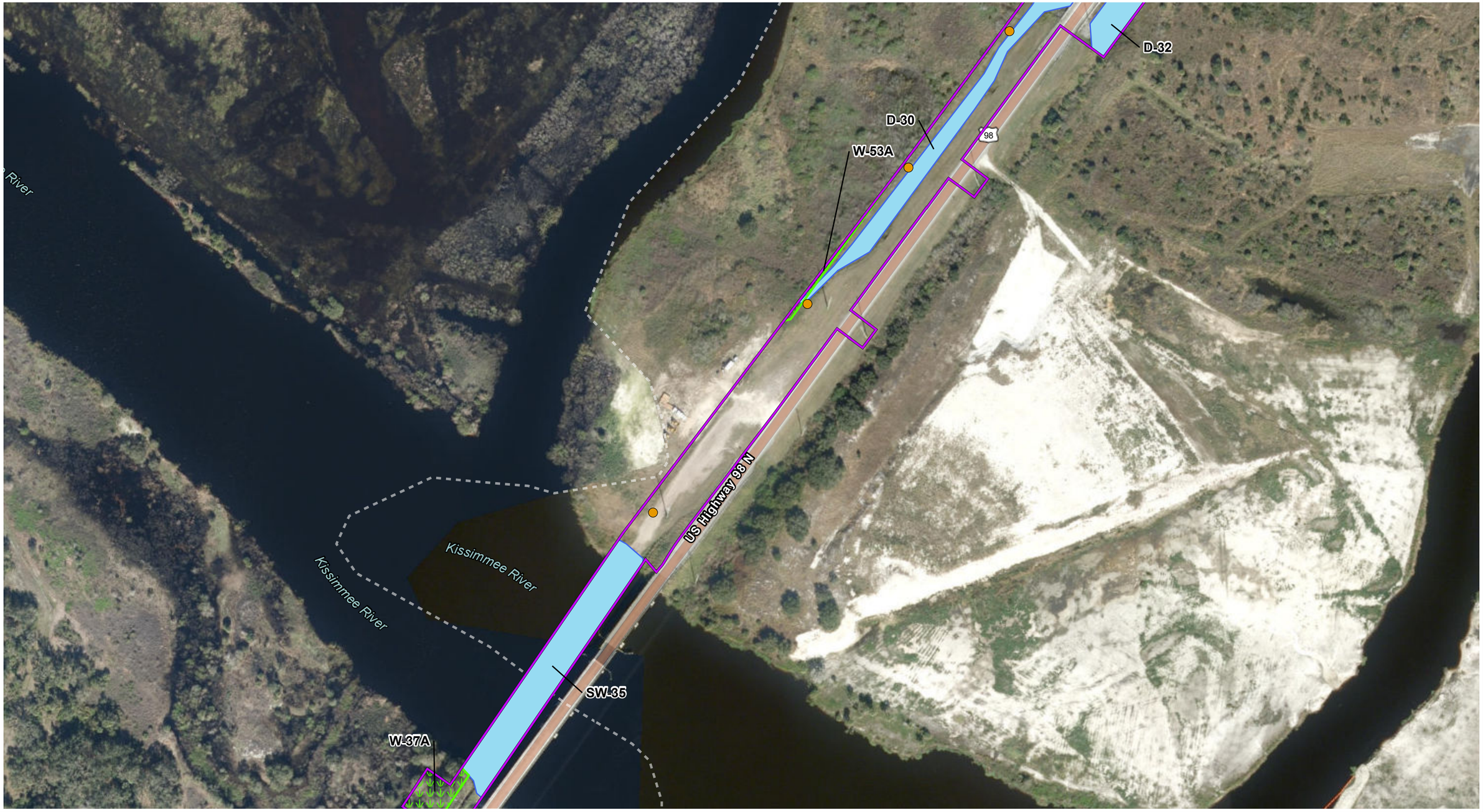
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 6 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

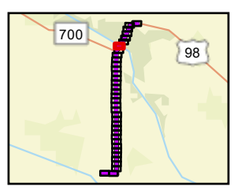
DeSoto County, Florida

ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

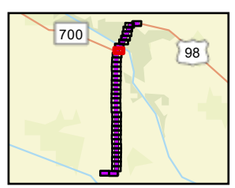
Attachment 8 - Page 7 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

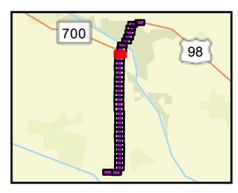
Attachment 8 - Page 8 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

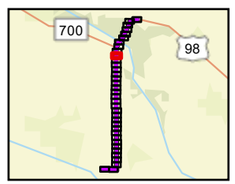
Attachment 8 - Page 9 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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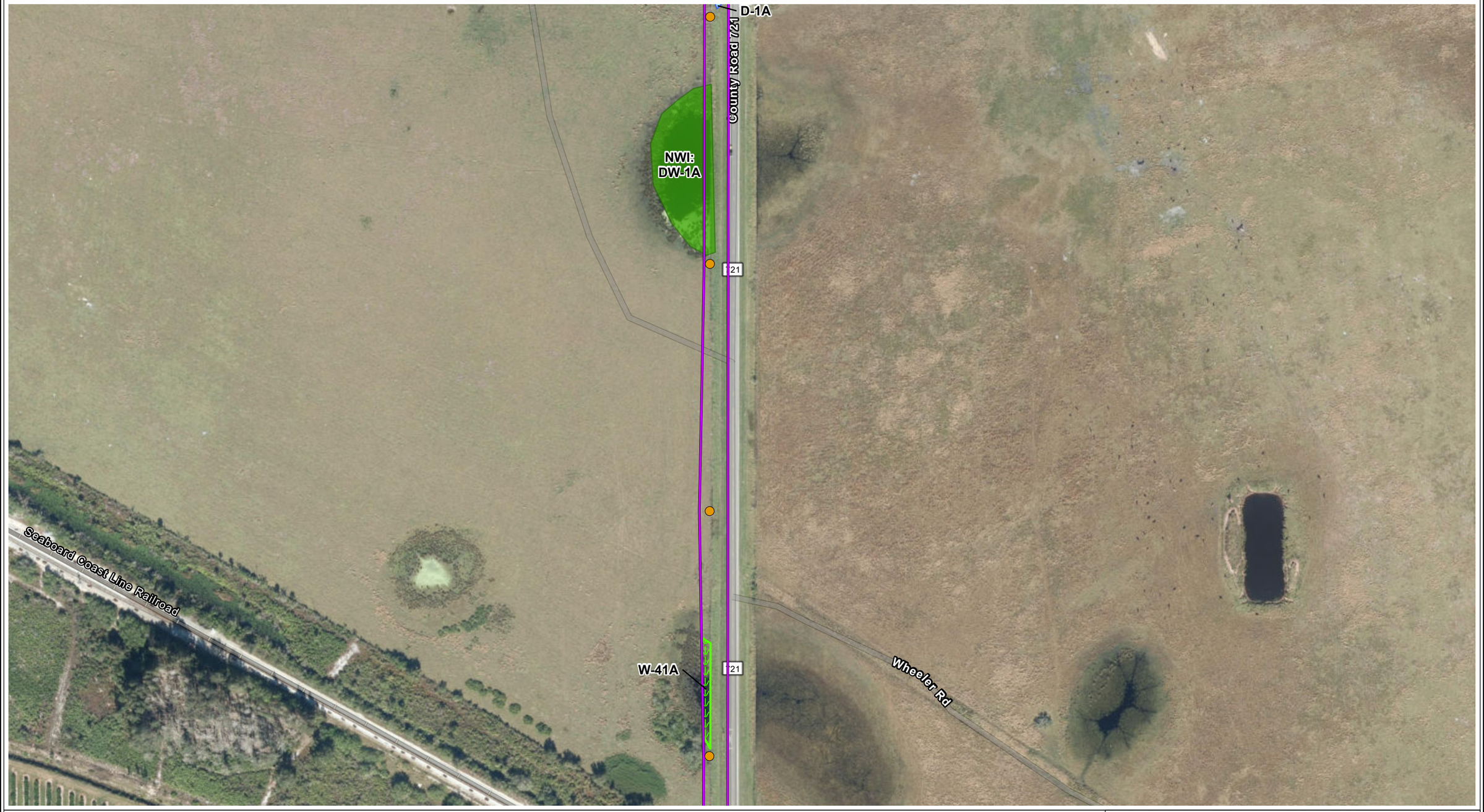
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 10 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

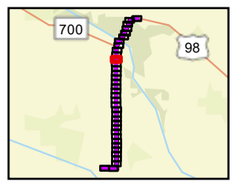
DeSoto County, Florida

ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

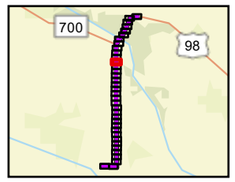
Attachment 8 - Page 11 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

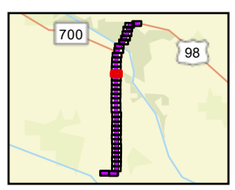
Attachment 8 - Page 12 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

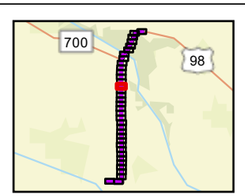
Attachment 8 - Page 13 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

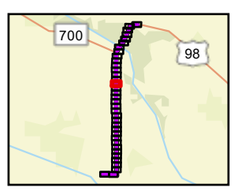
Attachment 8 - Page 14 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

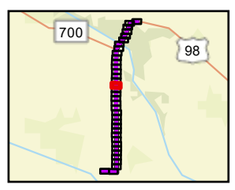
Attachment 8 - Page 15 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

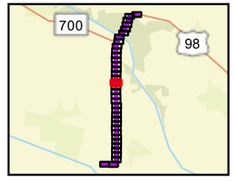
Attachment 8 - Page 16 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

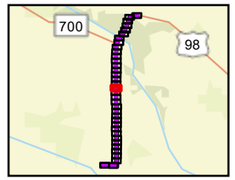
Attachment 8 - Page 17 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

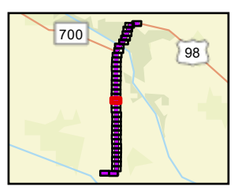
Attachment 8 - Page 18 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

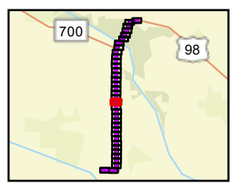
Attachment 8 - Page 19 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 20 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

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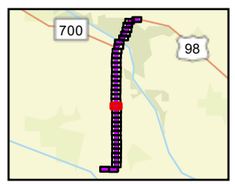
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 21 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

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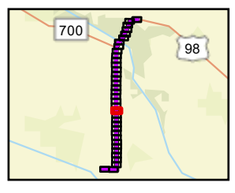
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



N

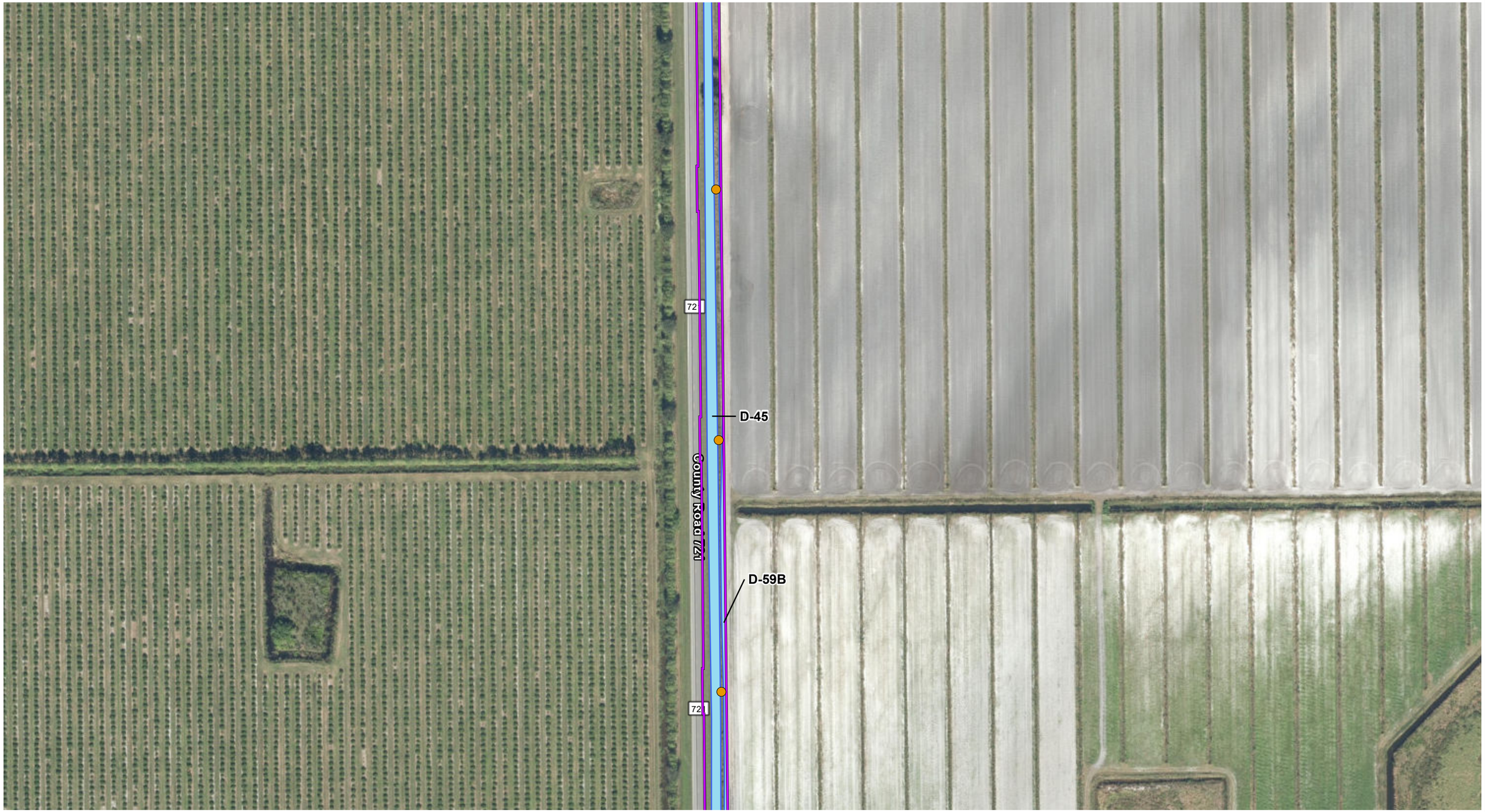
0 200 400
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 22 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

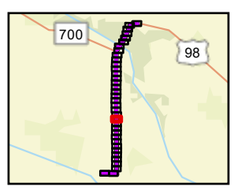
DeSoto County, Florida

ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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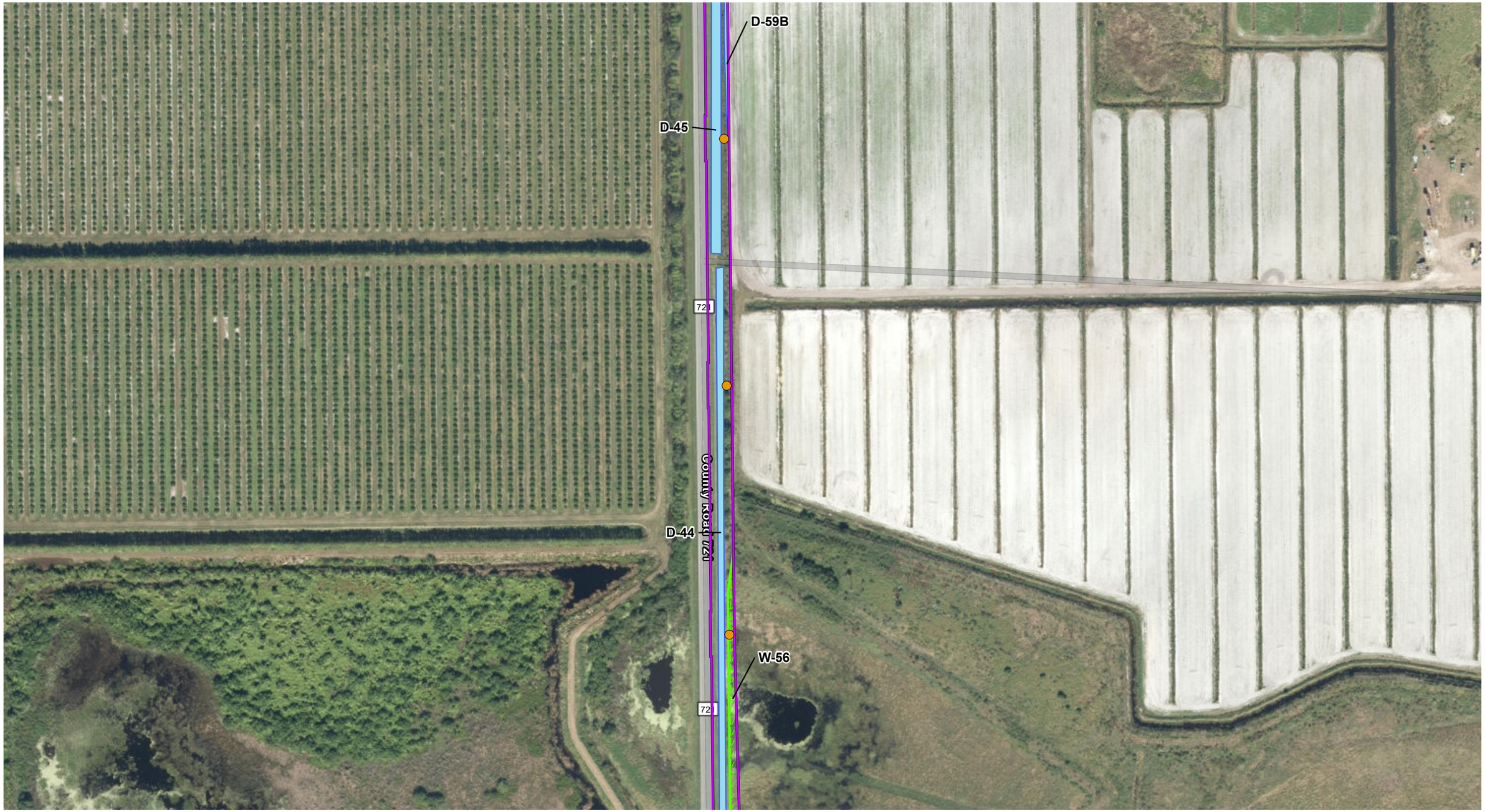
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 23 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

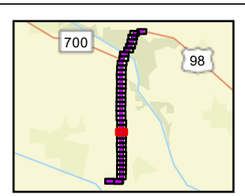
DeSoto County, Florida

ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



N

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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

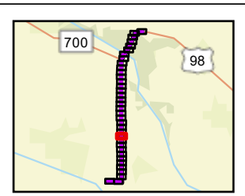
Attachment 8 - Page 24 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



N

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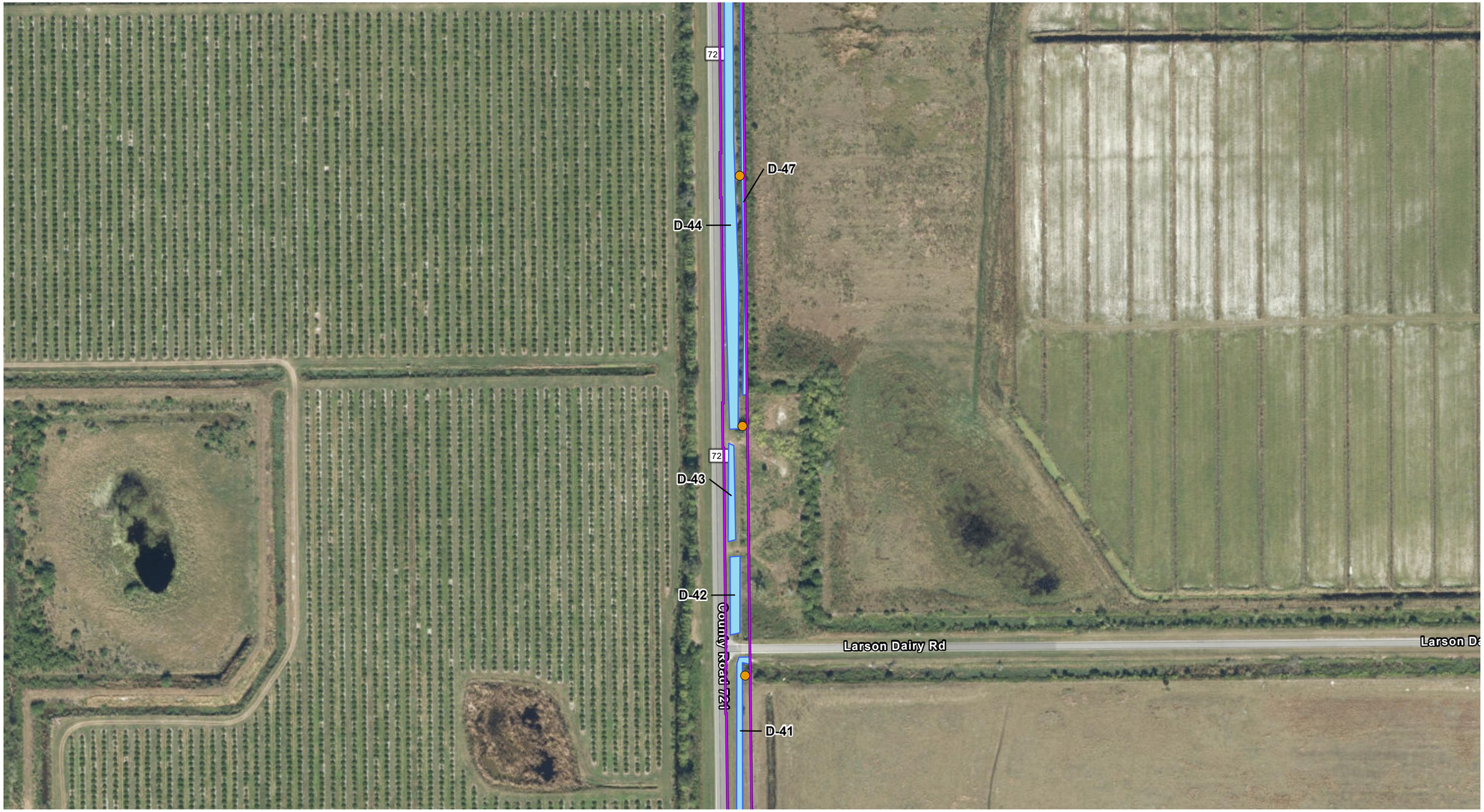
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 25 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

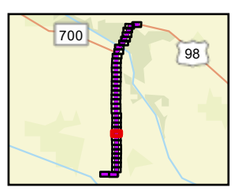
DeSoto County, Florida

ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



N

0 200 400
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

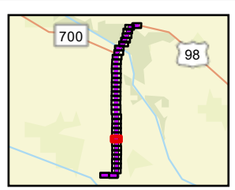
Attachment 8 - Page 26 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

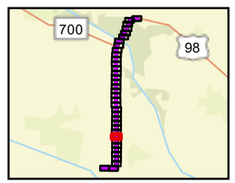
Attachment 8 - Page 27 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



N

0 200 400
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

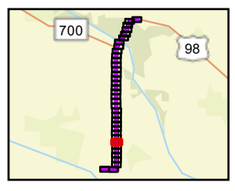
Attachment 8 - Page 28 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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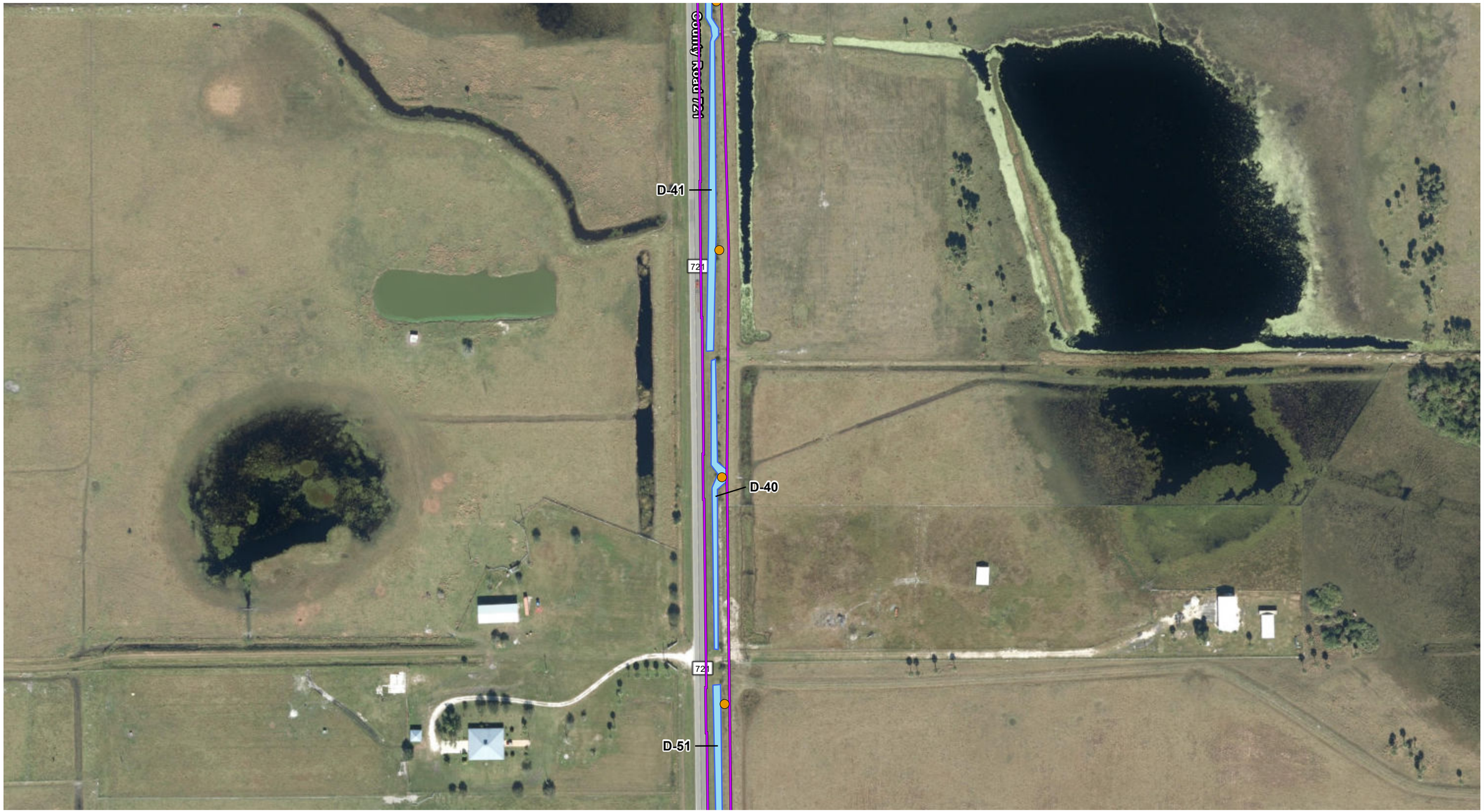
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 29 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

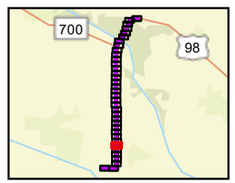
DeSoto County, Florida

ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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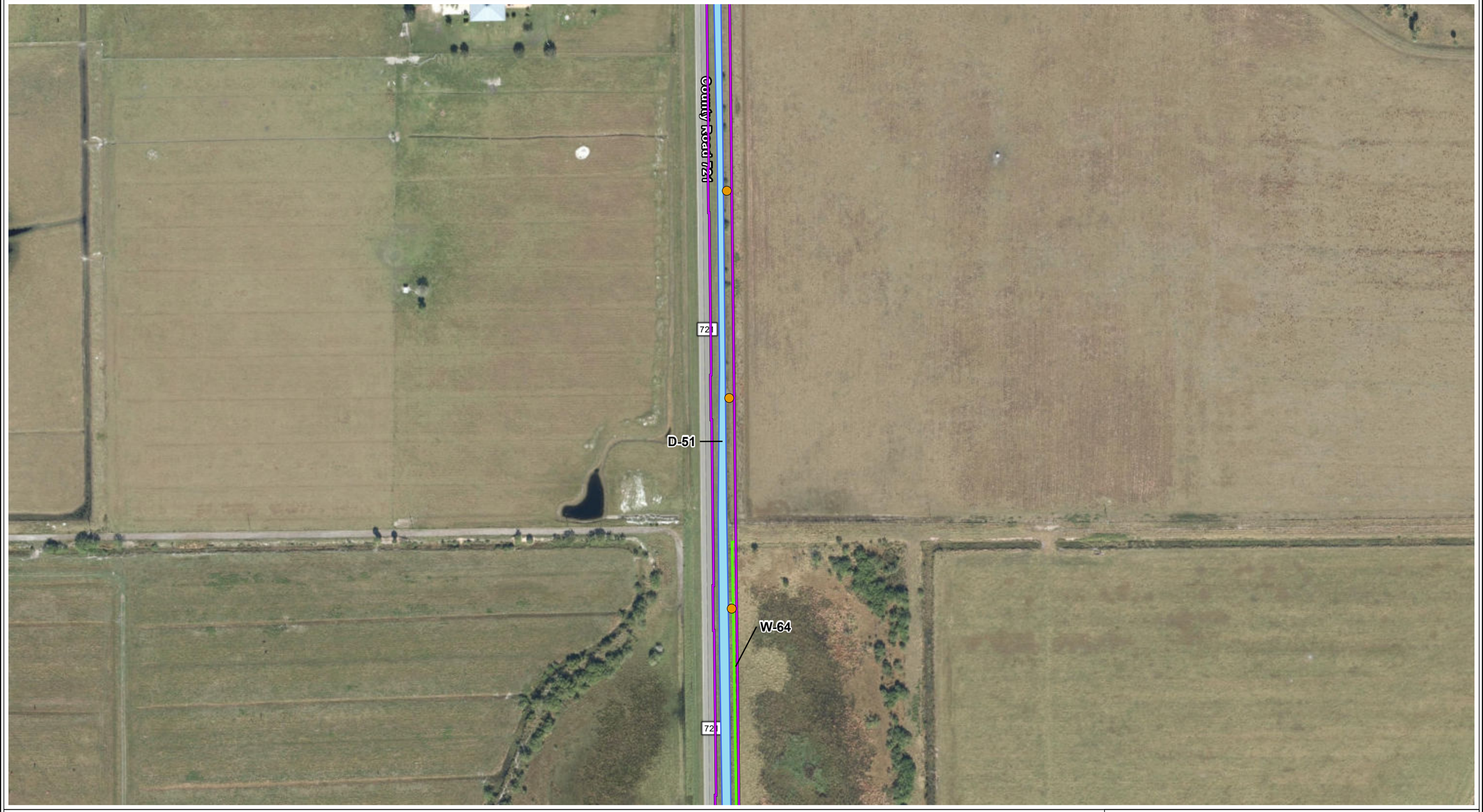
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 30 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

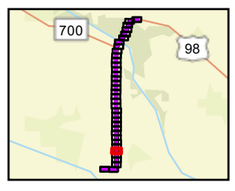
DeSoto County, Florida

ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

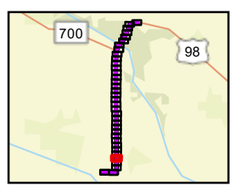
Attachment 8 - Page 31 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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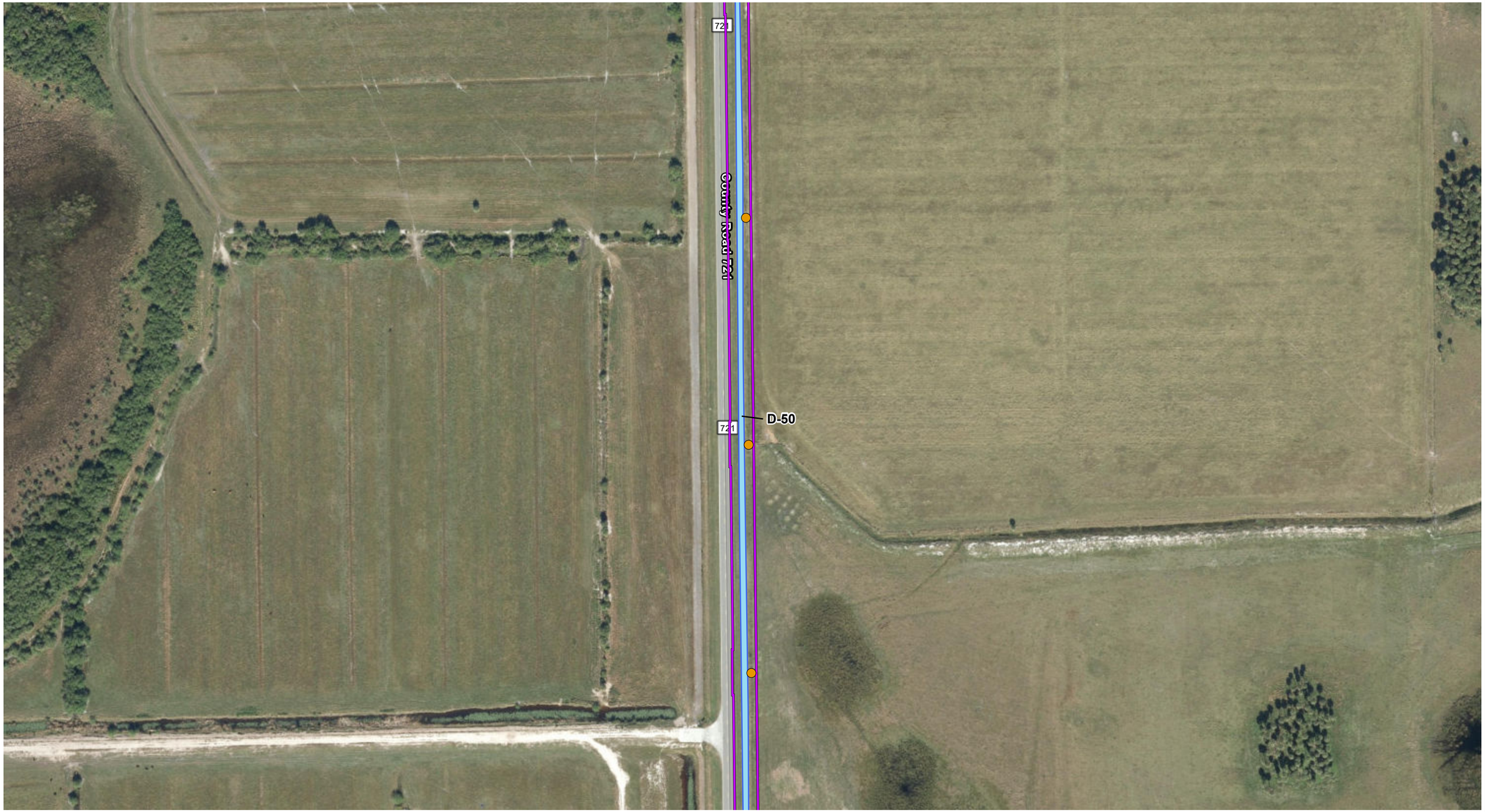
0 200 400
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 32 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

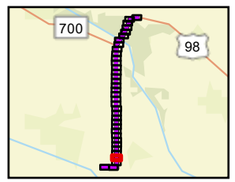
DeSoto County, Florida

ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



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Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

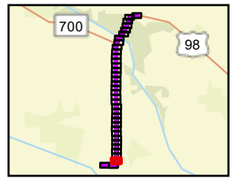
Attachment 8 - Page 33 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



N

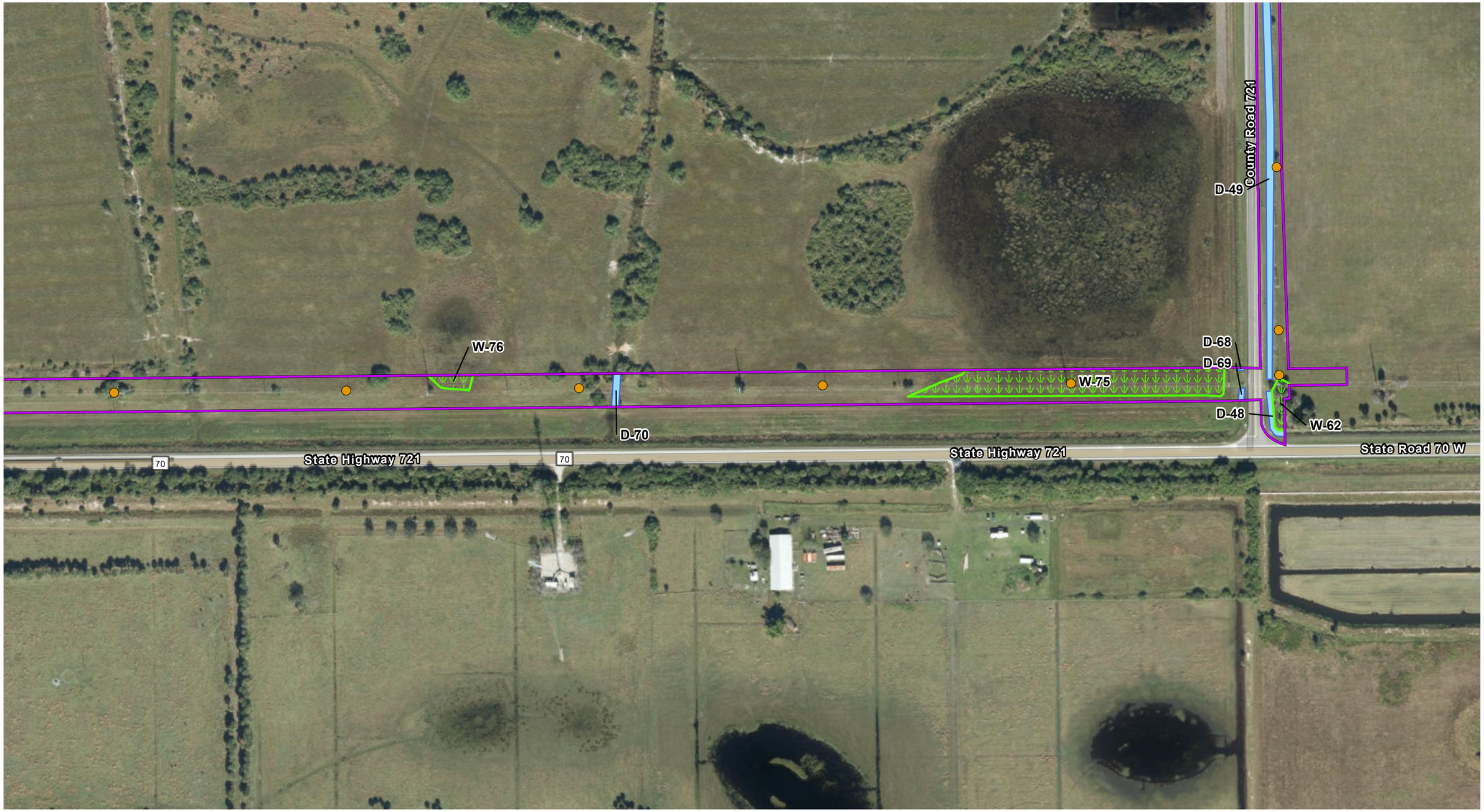
0 200 400
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 34 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

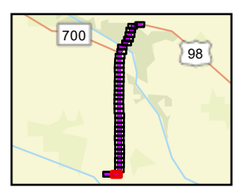
DeSoto County, Florida

ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland



N

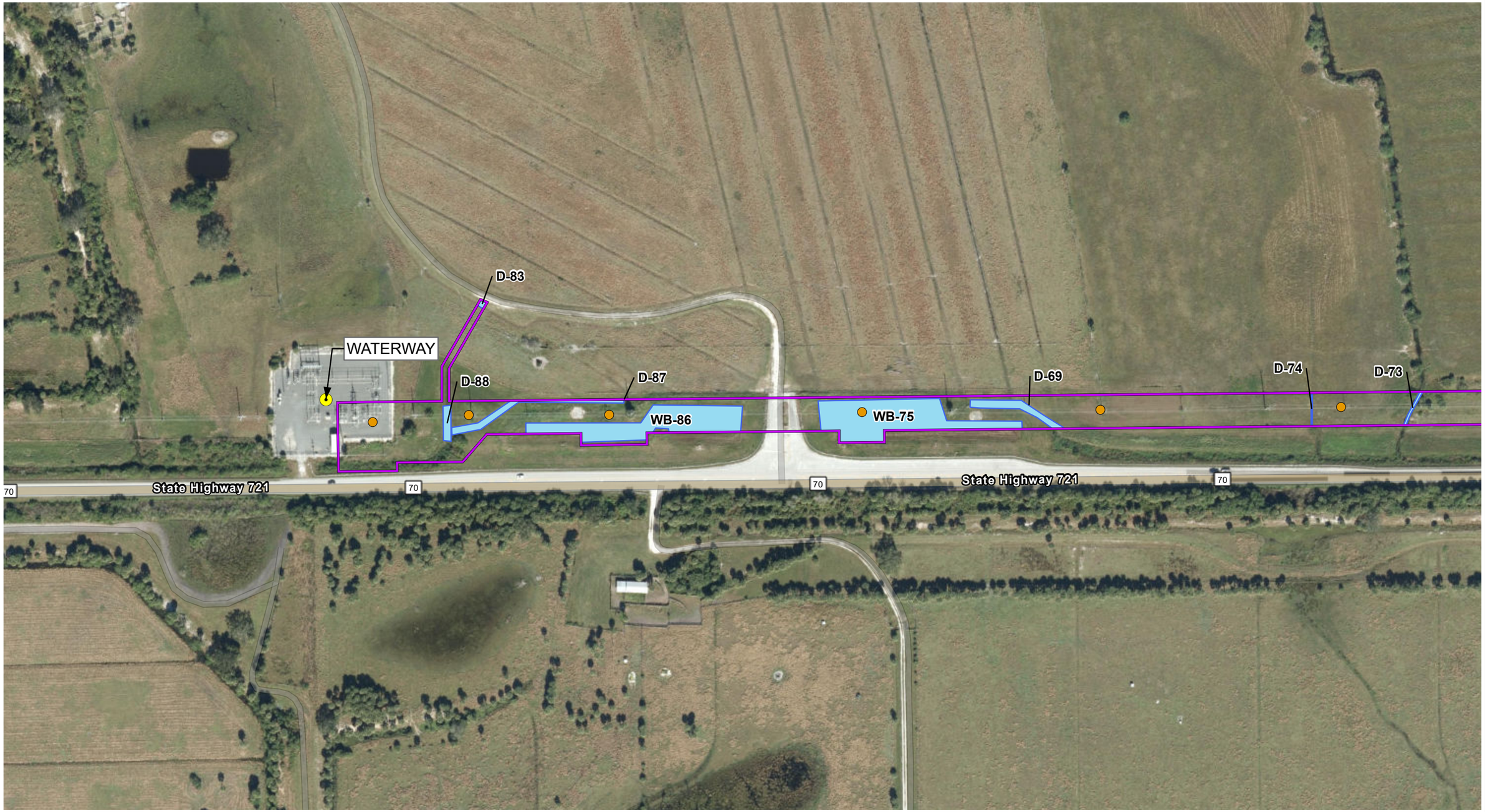
0 200 400
Feet

Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 35 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

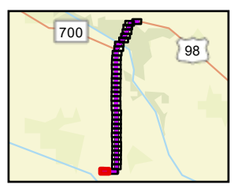
ECT



Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- NWI: Freshwater Forested/Shrub Wetland
- Field Delineated Surface Water
- Field Delineated Wetland

Note: Expansions or modifications of substations are to be permitted separately.



N

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Feet

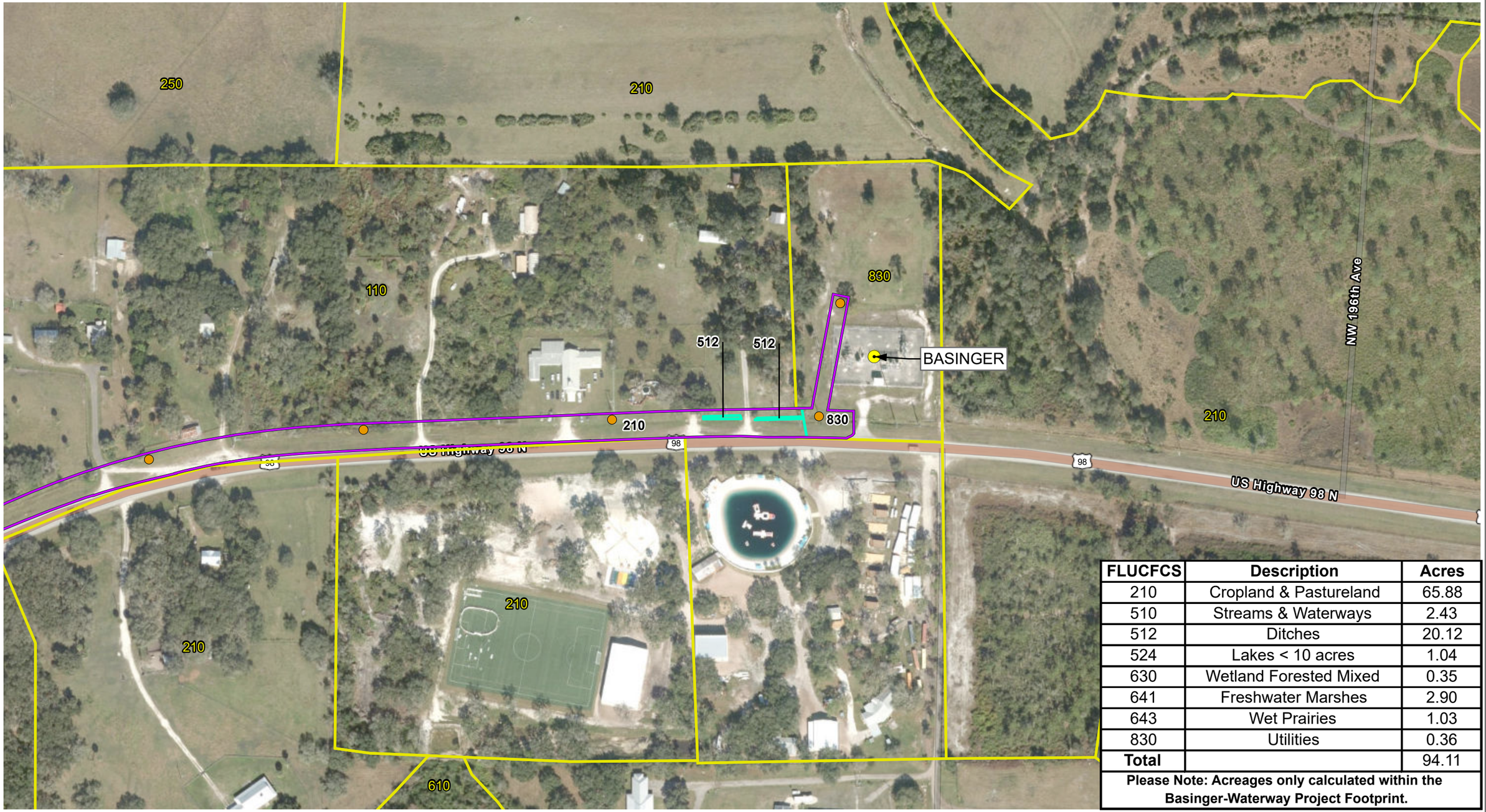
Sources: FDOT 2020; USGS 2023; Pickett 2023; ECT, 2024.

Attachment 8 - Page 36 of 36
Segment 2: Basinger - Waterway
Wetlands & Surface Waters

DeSoto County, Florida

ECT

Attachment 9 – Land Use/Land Cover Map



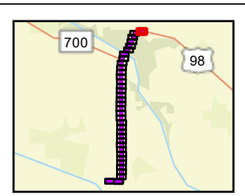
FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
510	Streams & Waterways	2.43
512	Ditches	20.12
524	Lakes < 10 acres	1.04
630	Wetland Forested Mixed	0.35
641	Freshwater Marshes	2.90
643	Wet Prairies	1.03
830	Utilities	0.36
Total		94.11

Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC

Note: Expansions or modifications of substations are to be permitted separately.



N

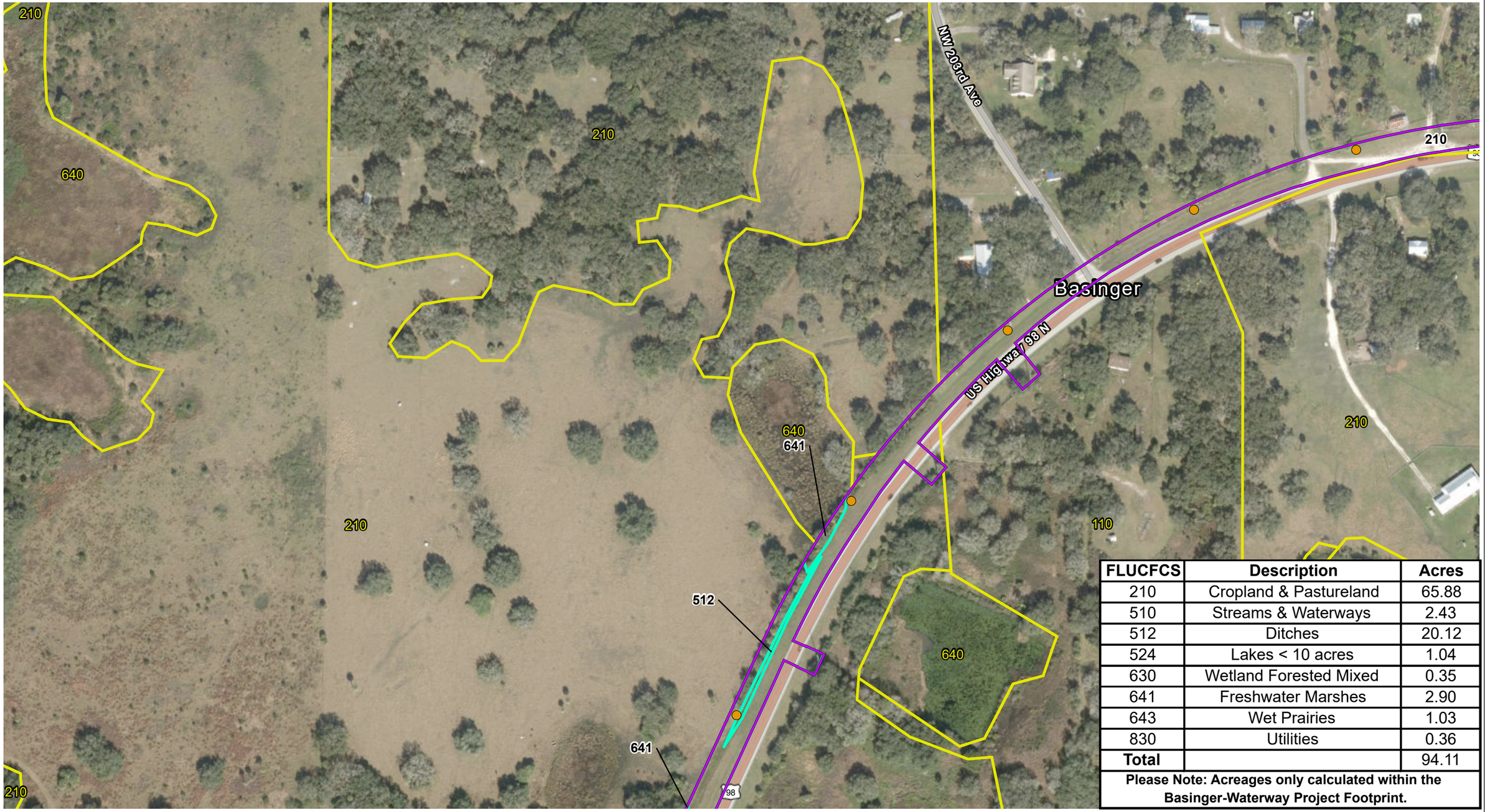
0 200 400
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 1 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
510	Streams & Waterways	2.43
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830	Utilities	0.36
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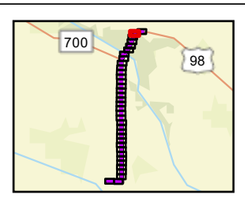
Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



N

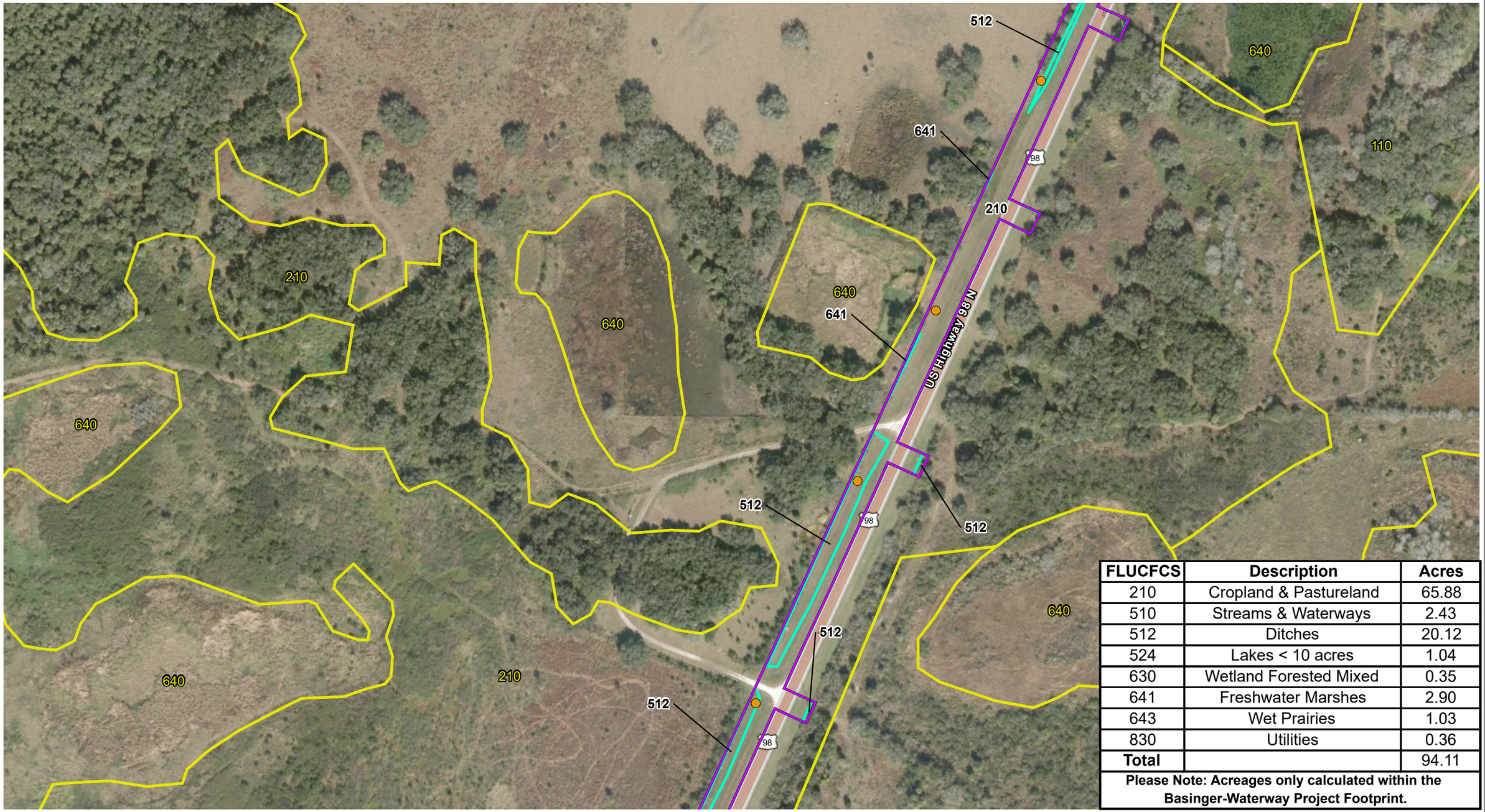
0 200 400
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 2 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
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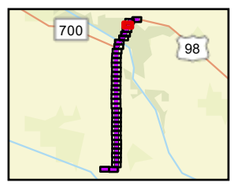
Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



N

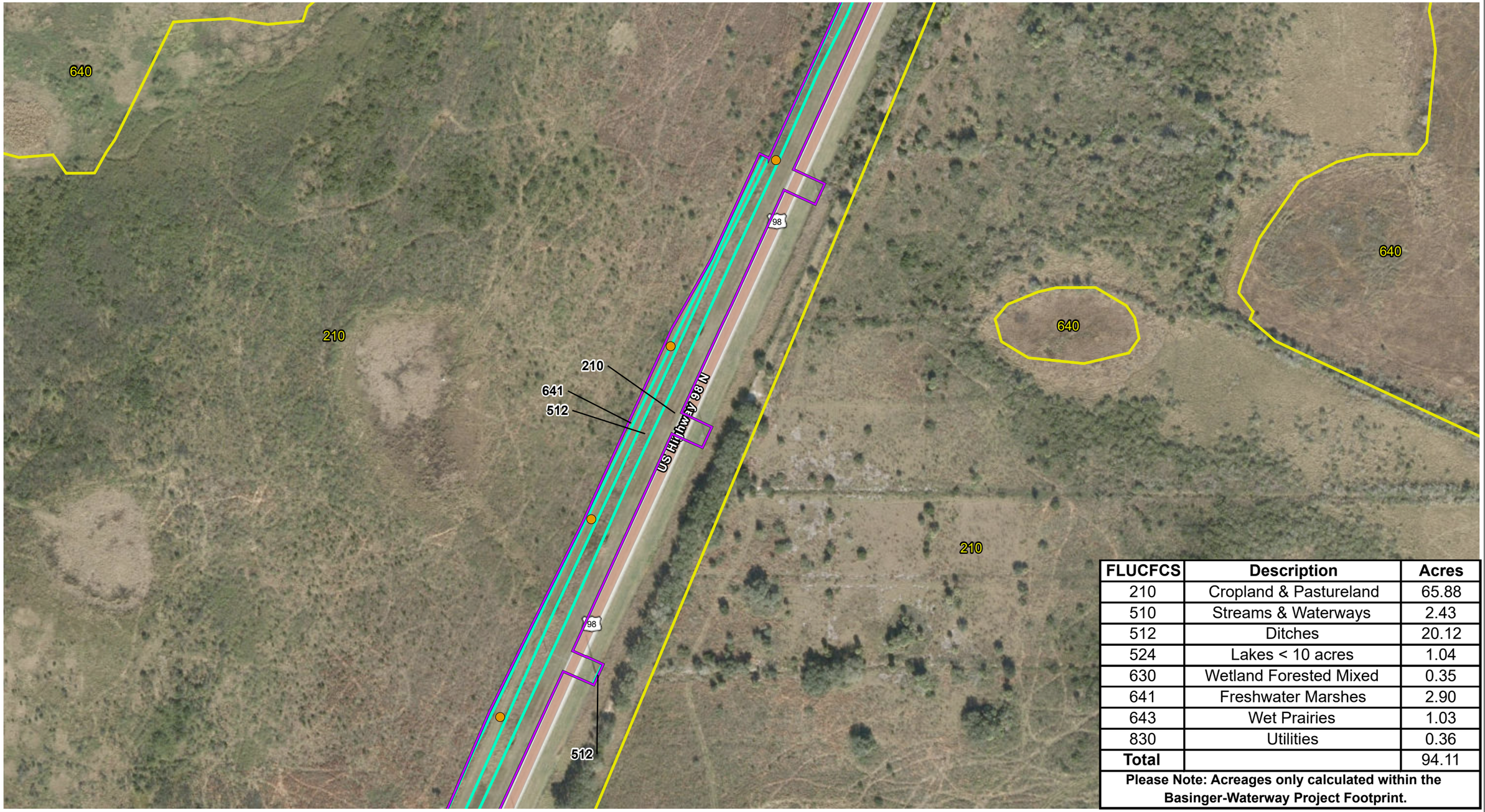
0 200 400
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 3 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
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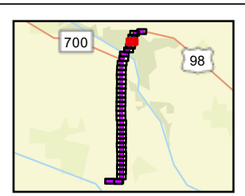
Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



N

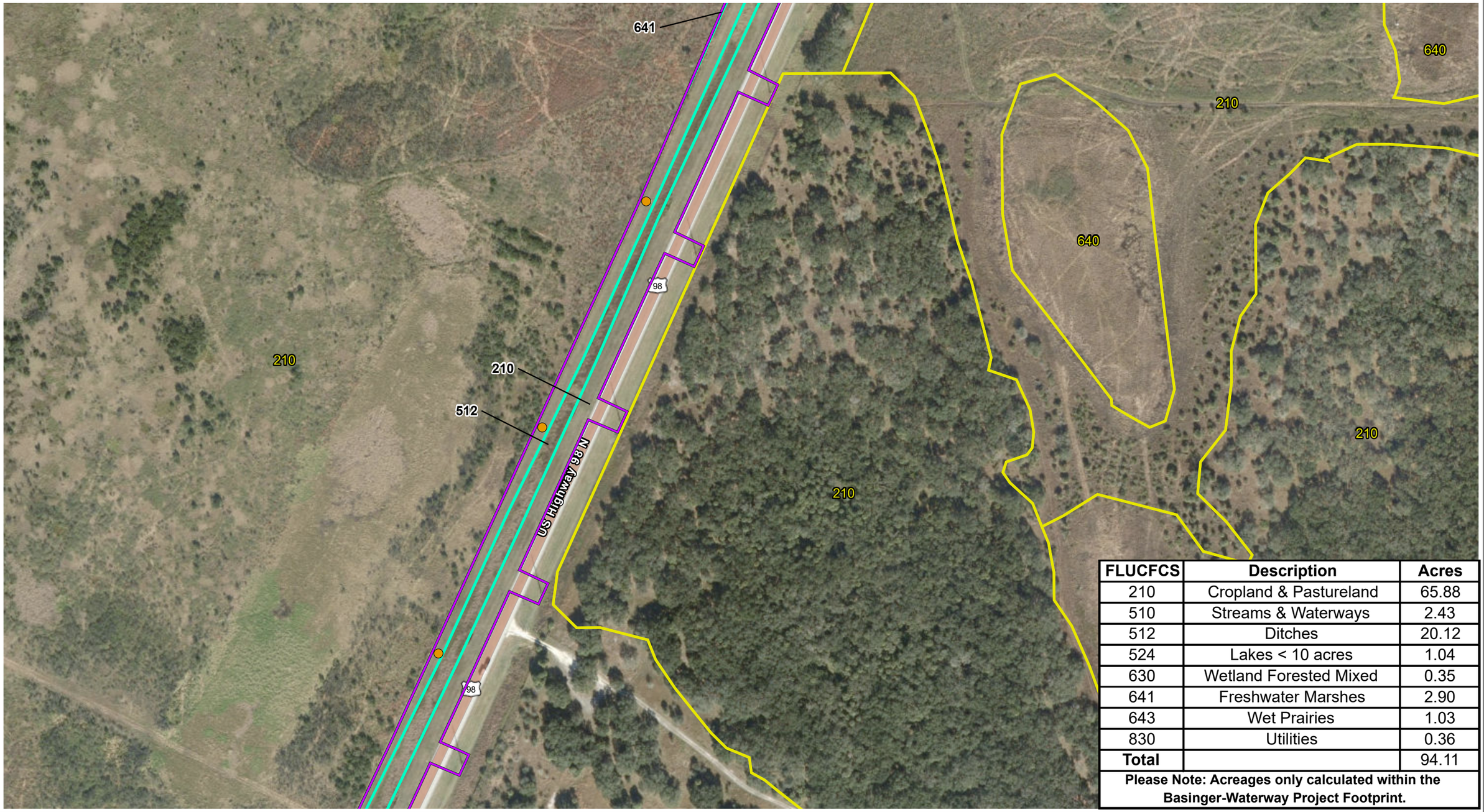
0 200 400
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 4 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
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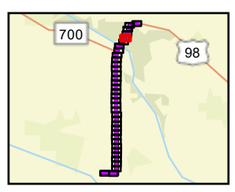
Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



N

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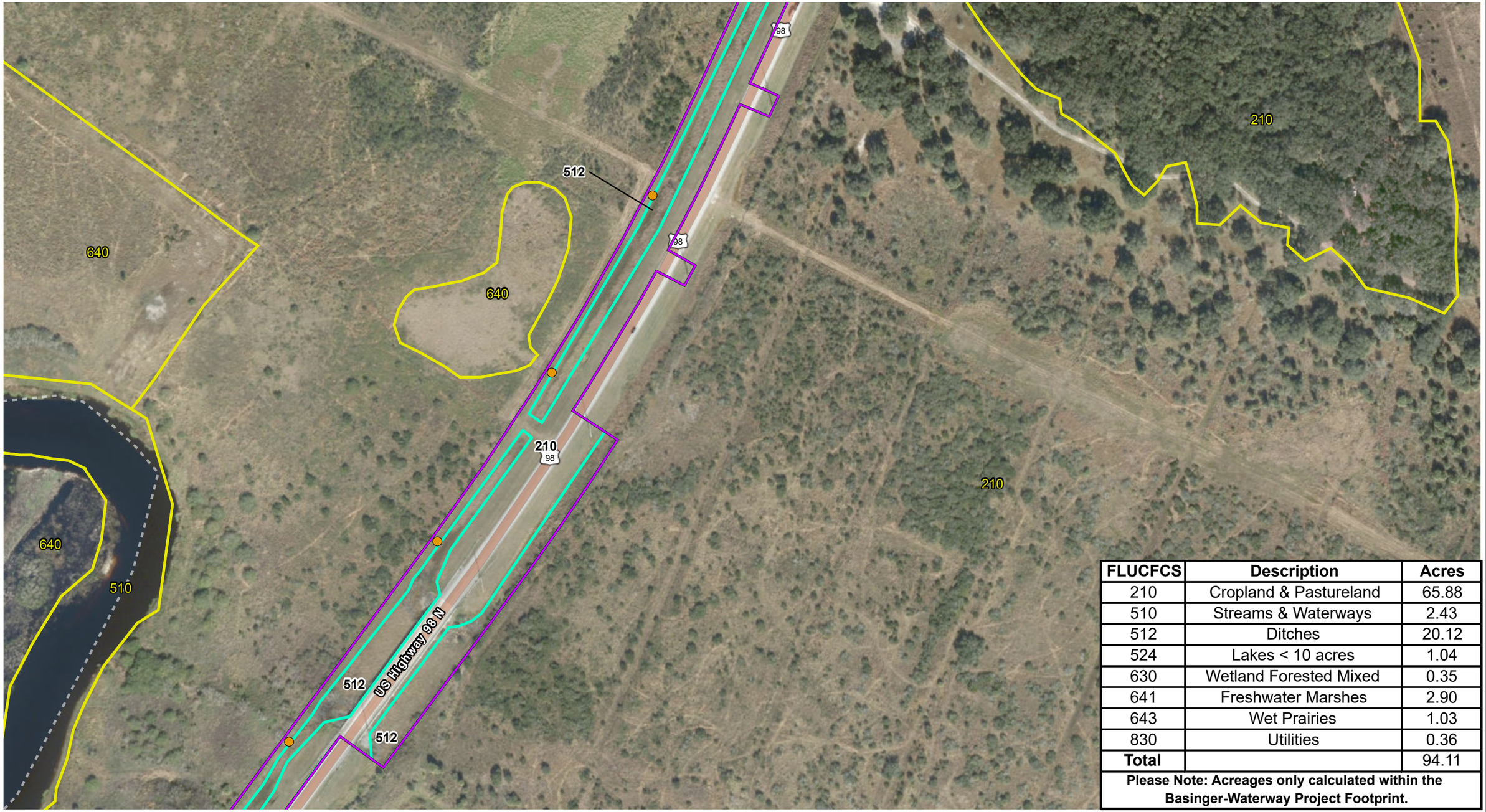
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 5 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT

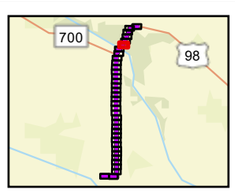


FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
510	Streams & Waterways	2.43
512	Ditches	20.12
524	Lakes < 10 acres	1.04
630	Wetland Forested Mixed	0.35
641	Freshwater Marshes	2.90
643	Wet Prairies	1.03
830	Utilities	0.36
Total		94.11

Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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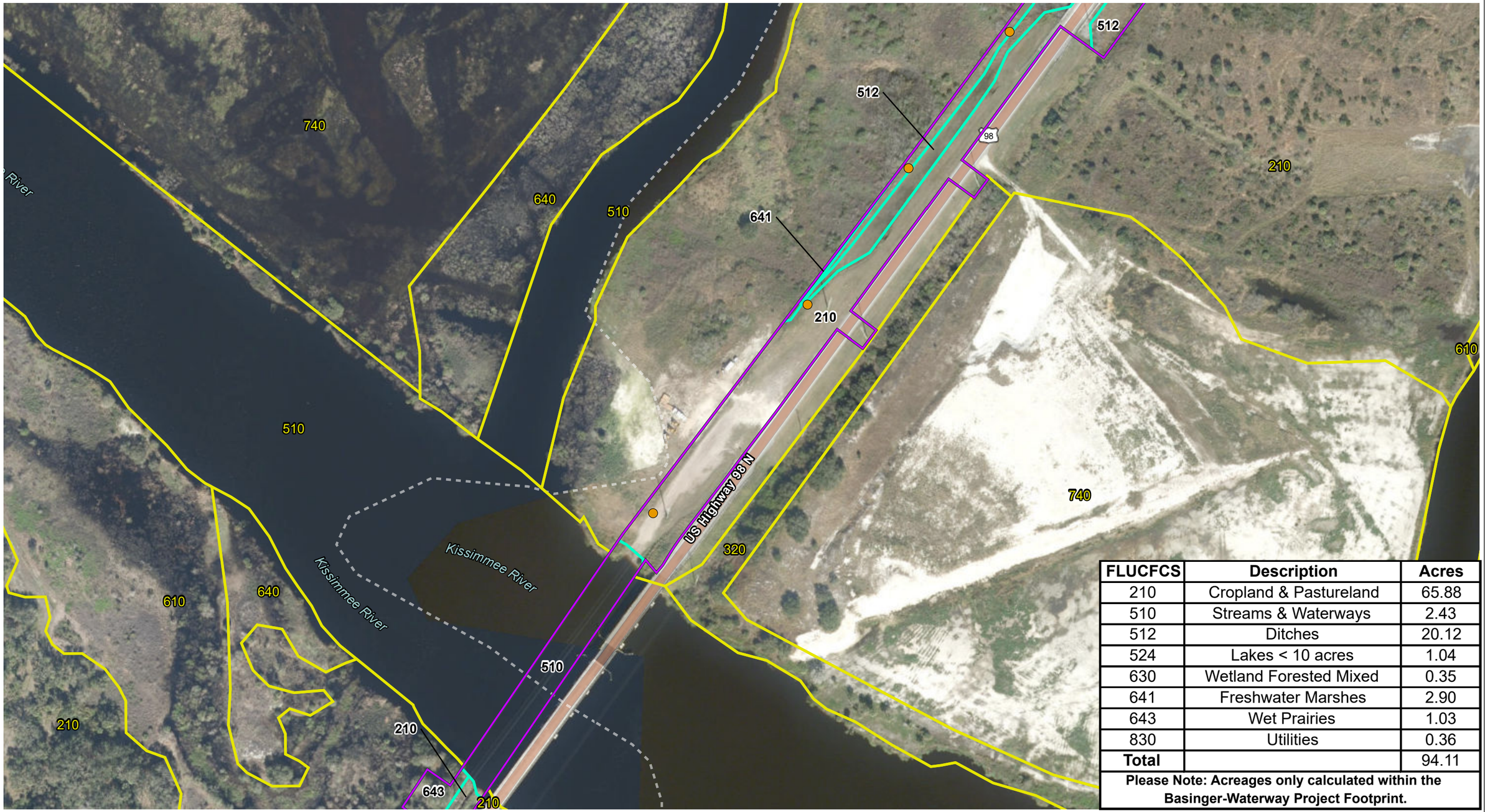
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 6 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
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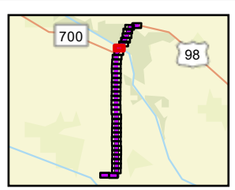
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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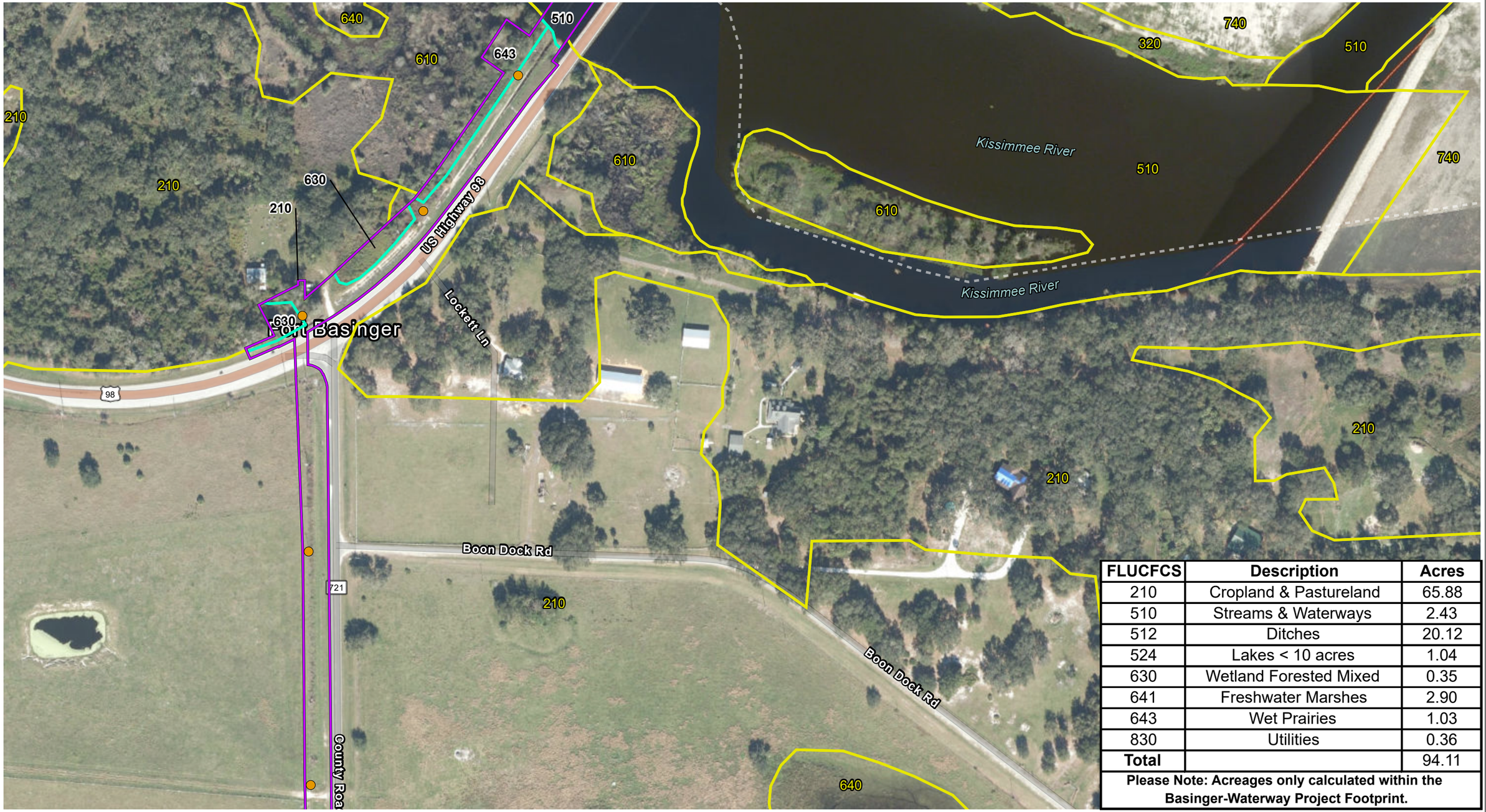
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 7 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
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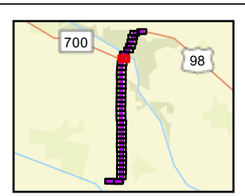
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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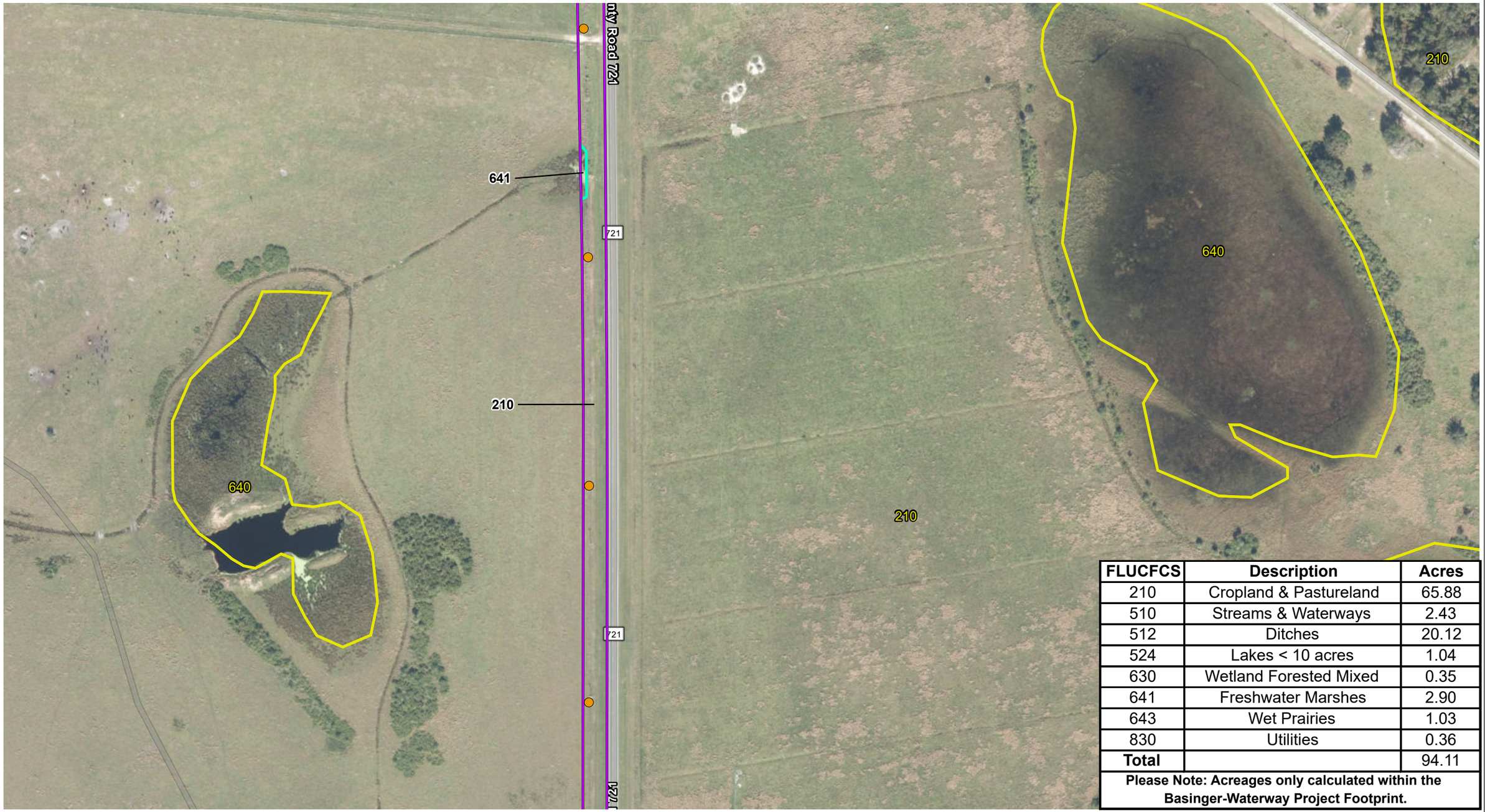
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 8 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
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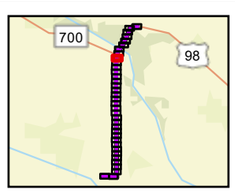
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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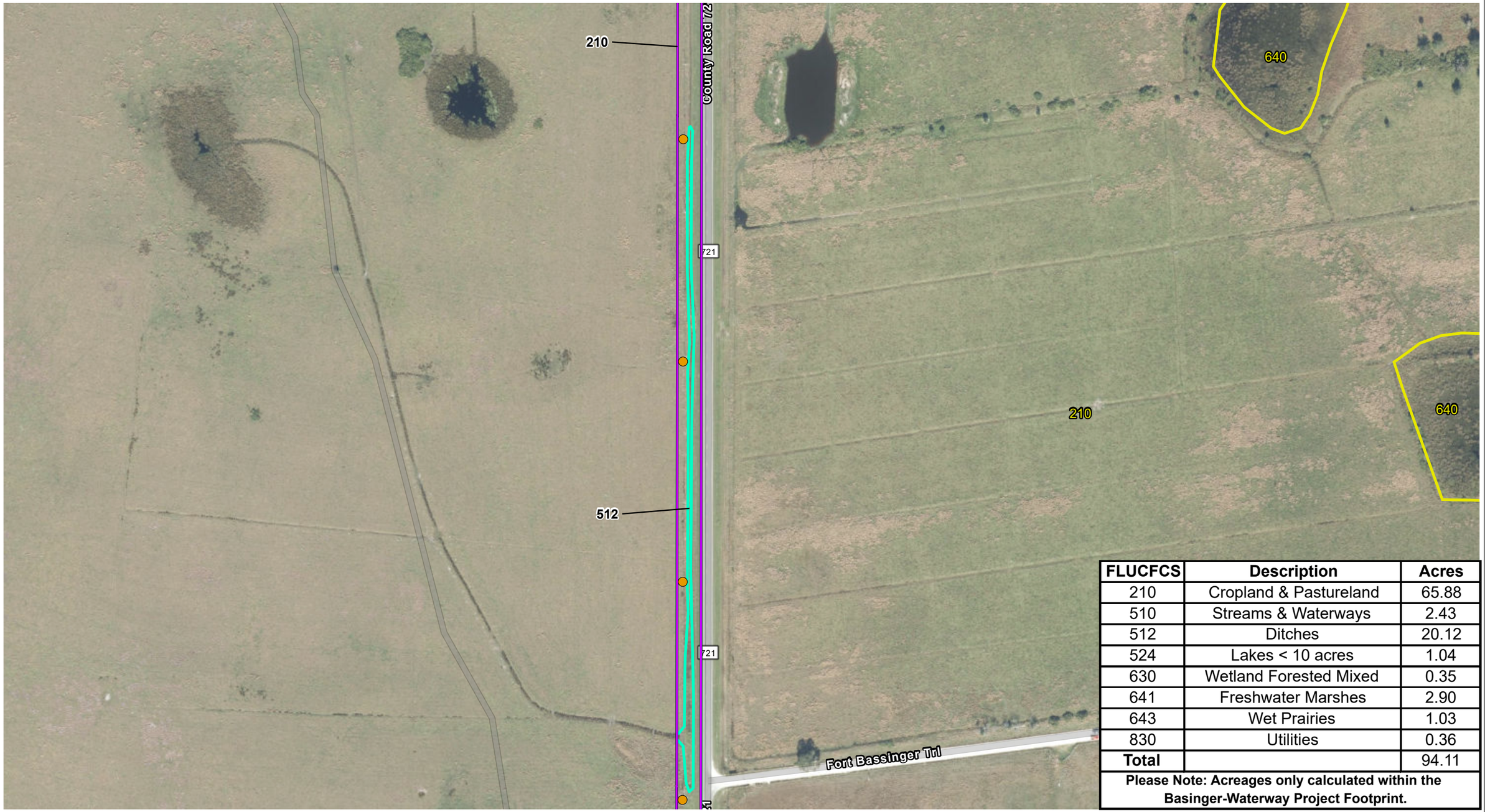
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 9 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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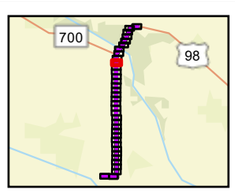
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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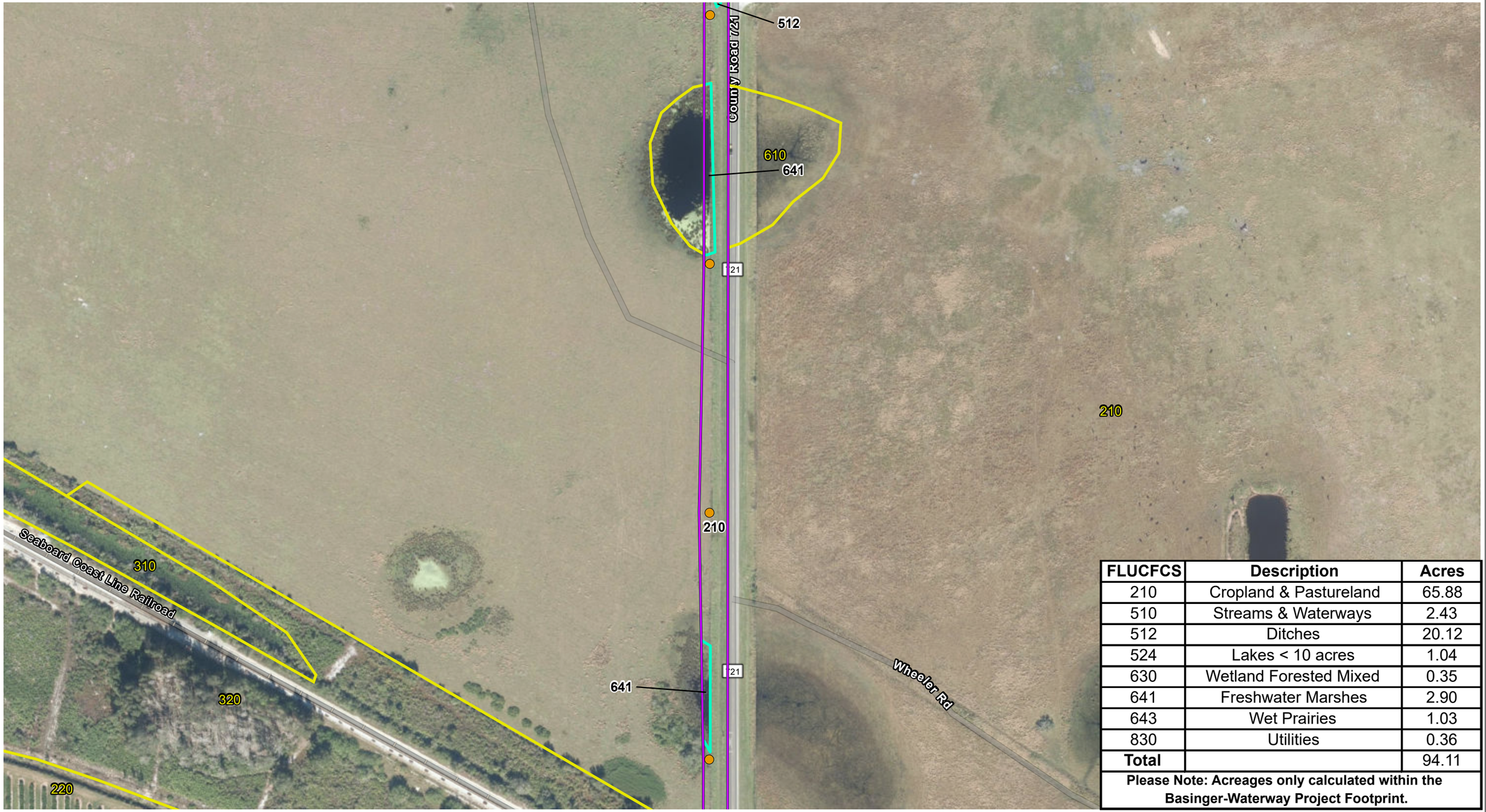
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 10 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
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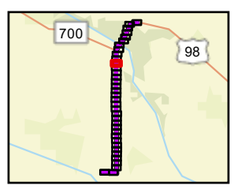
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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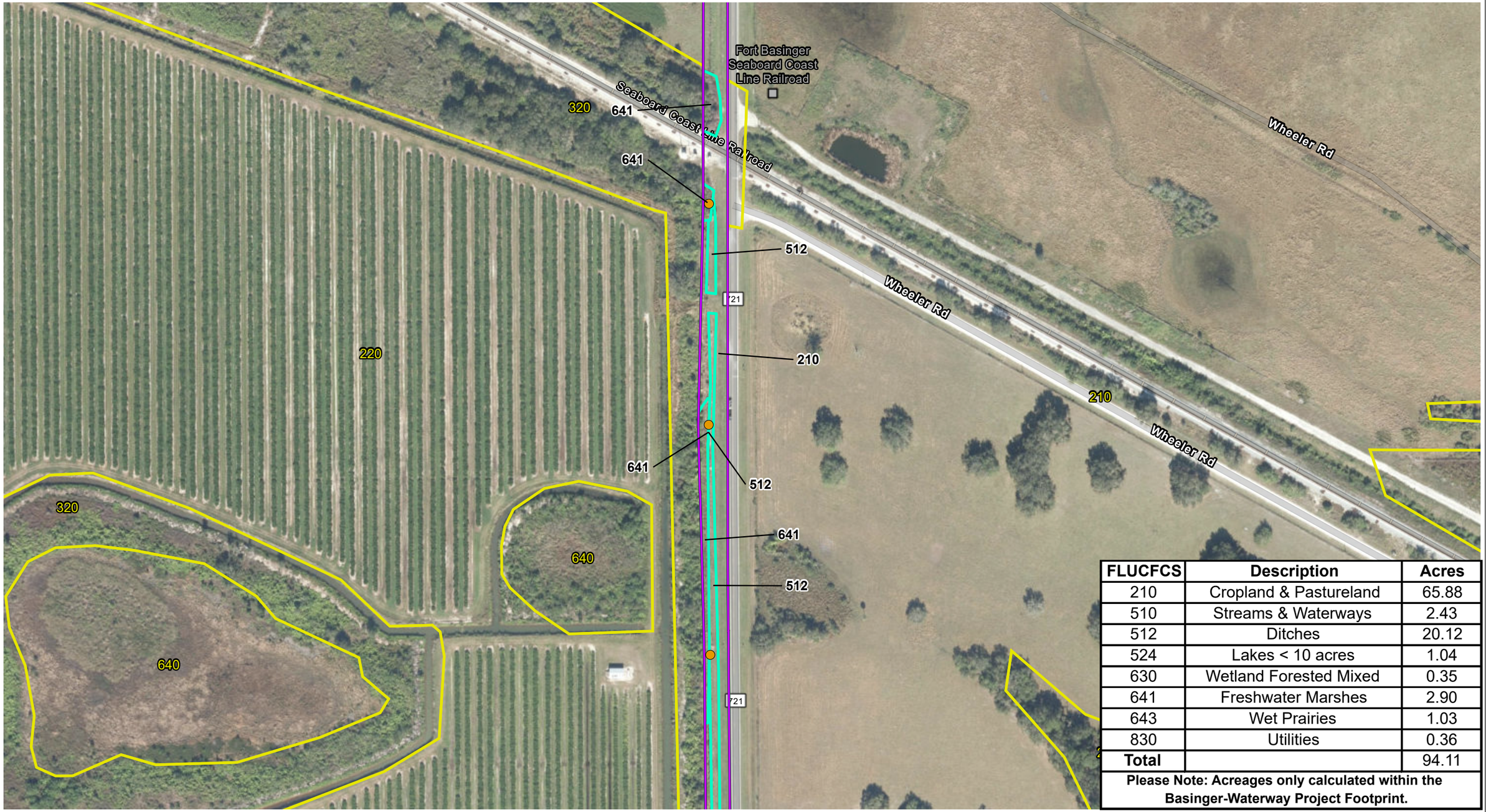
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 11 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
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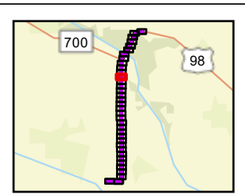
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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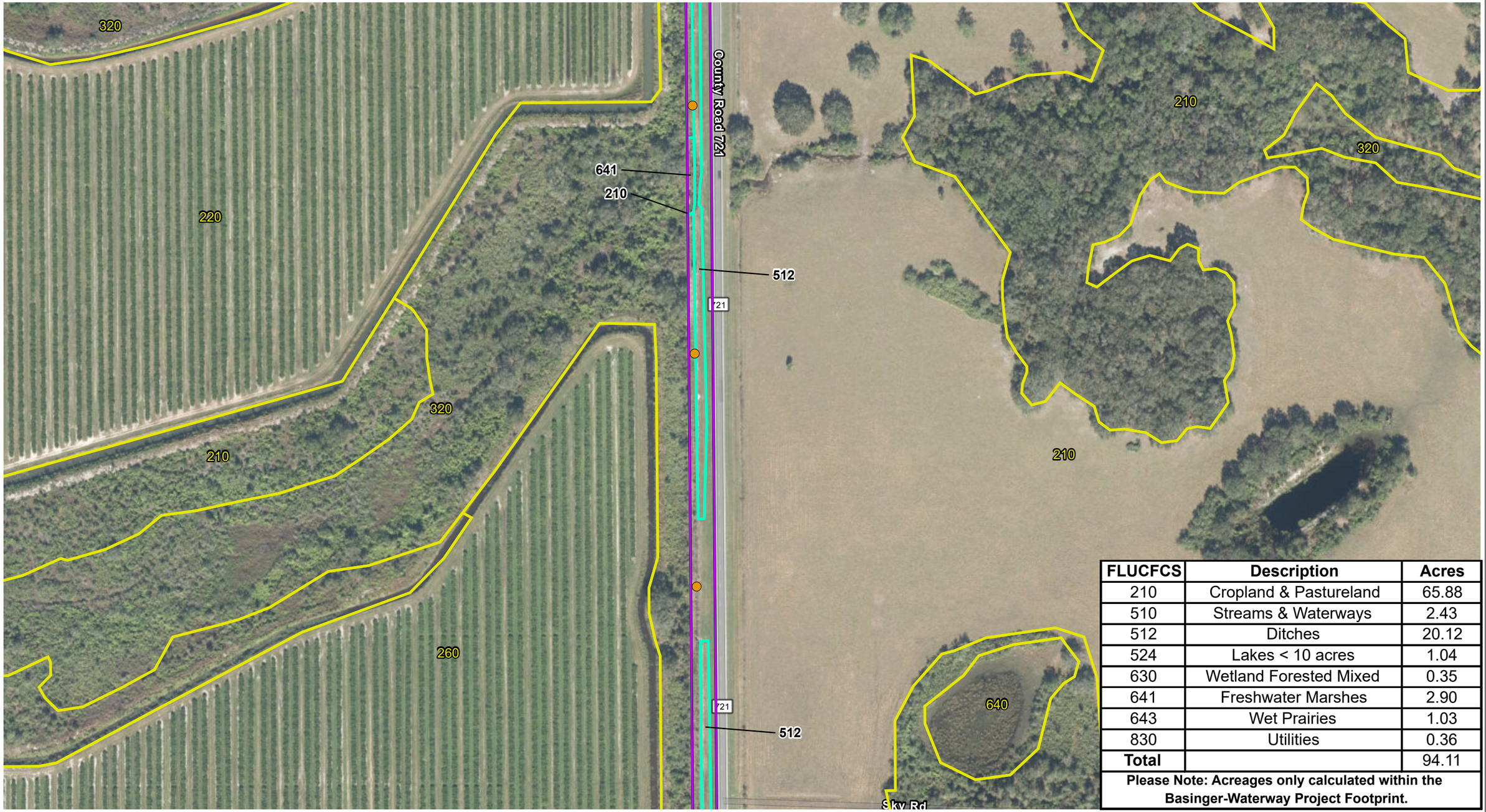
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 12 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
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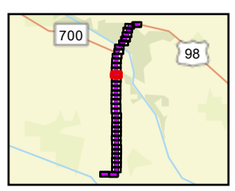
Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



N

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Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 13 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT

FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
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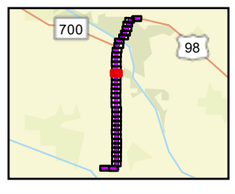
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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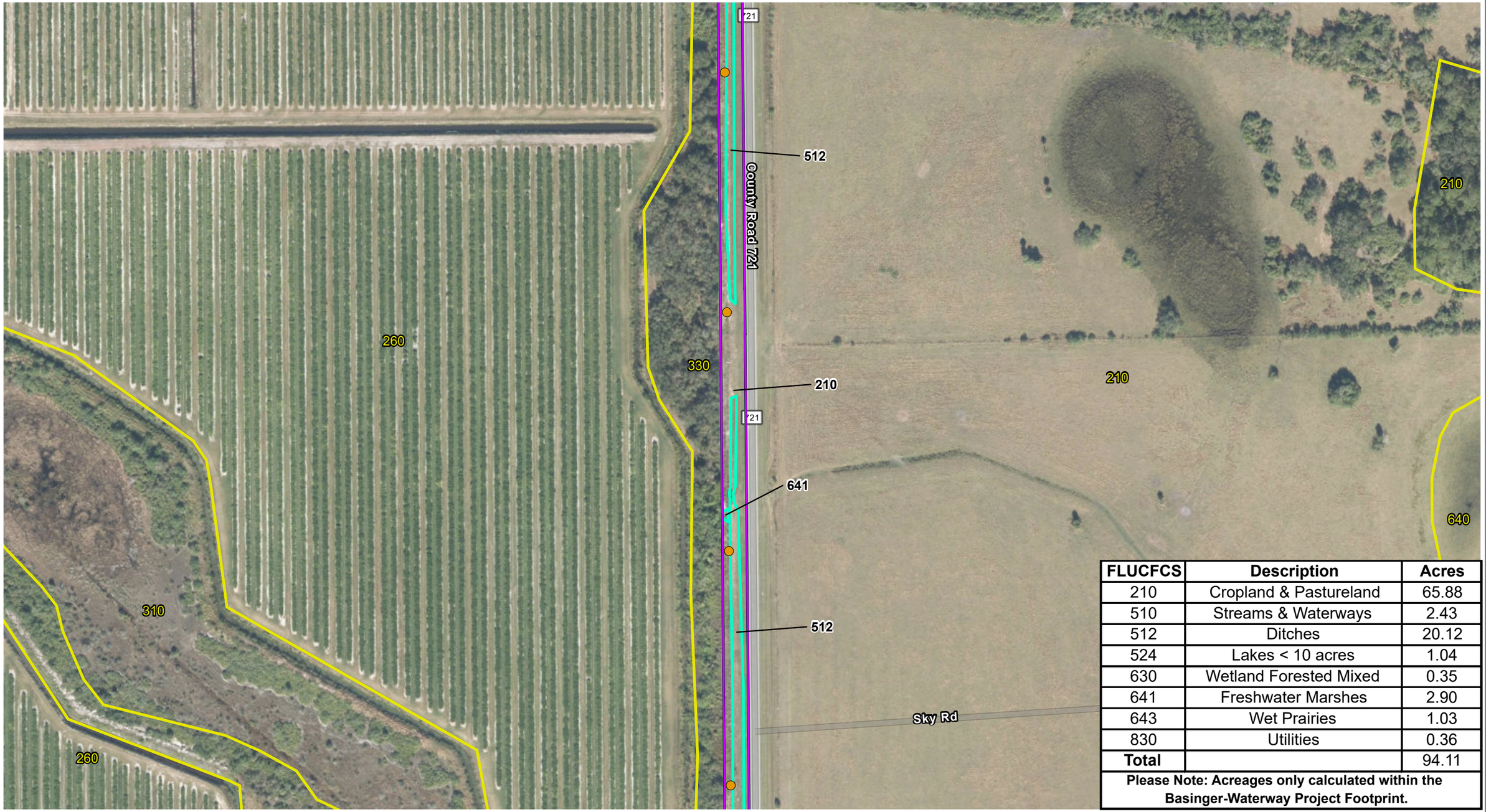
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 14 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
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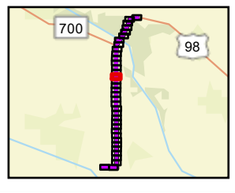
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 15 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT

FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
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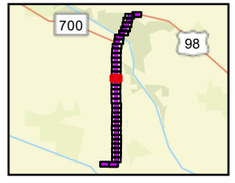
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



N

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Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 16 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT

FLUCFCS	Description	Acres
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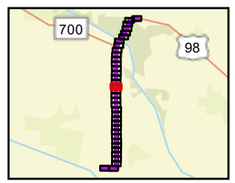
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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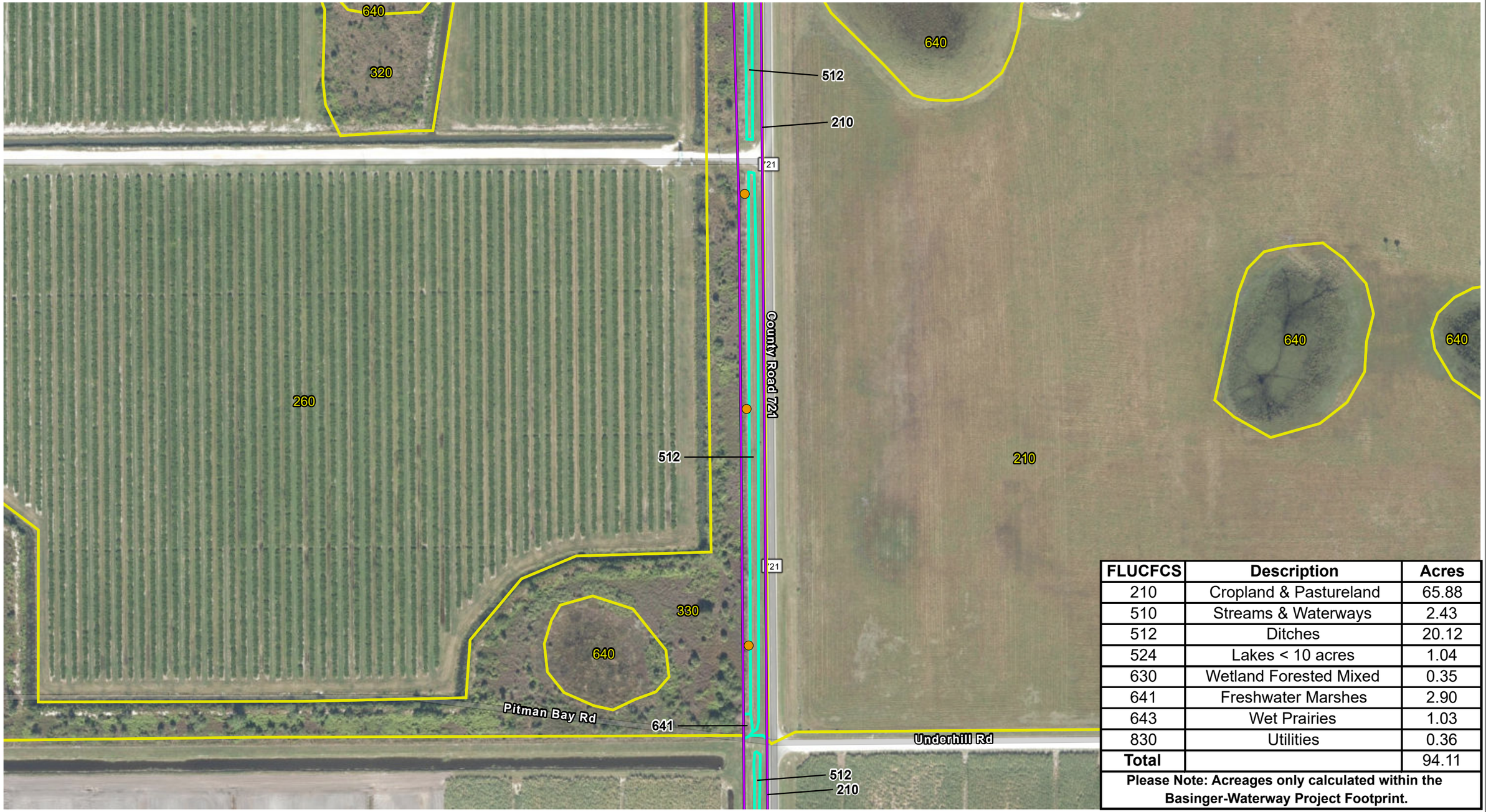
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 17 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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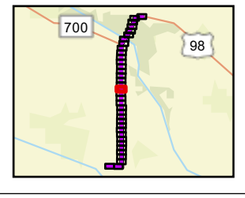
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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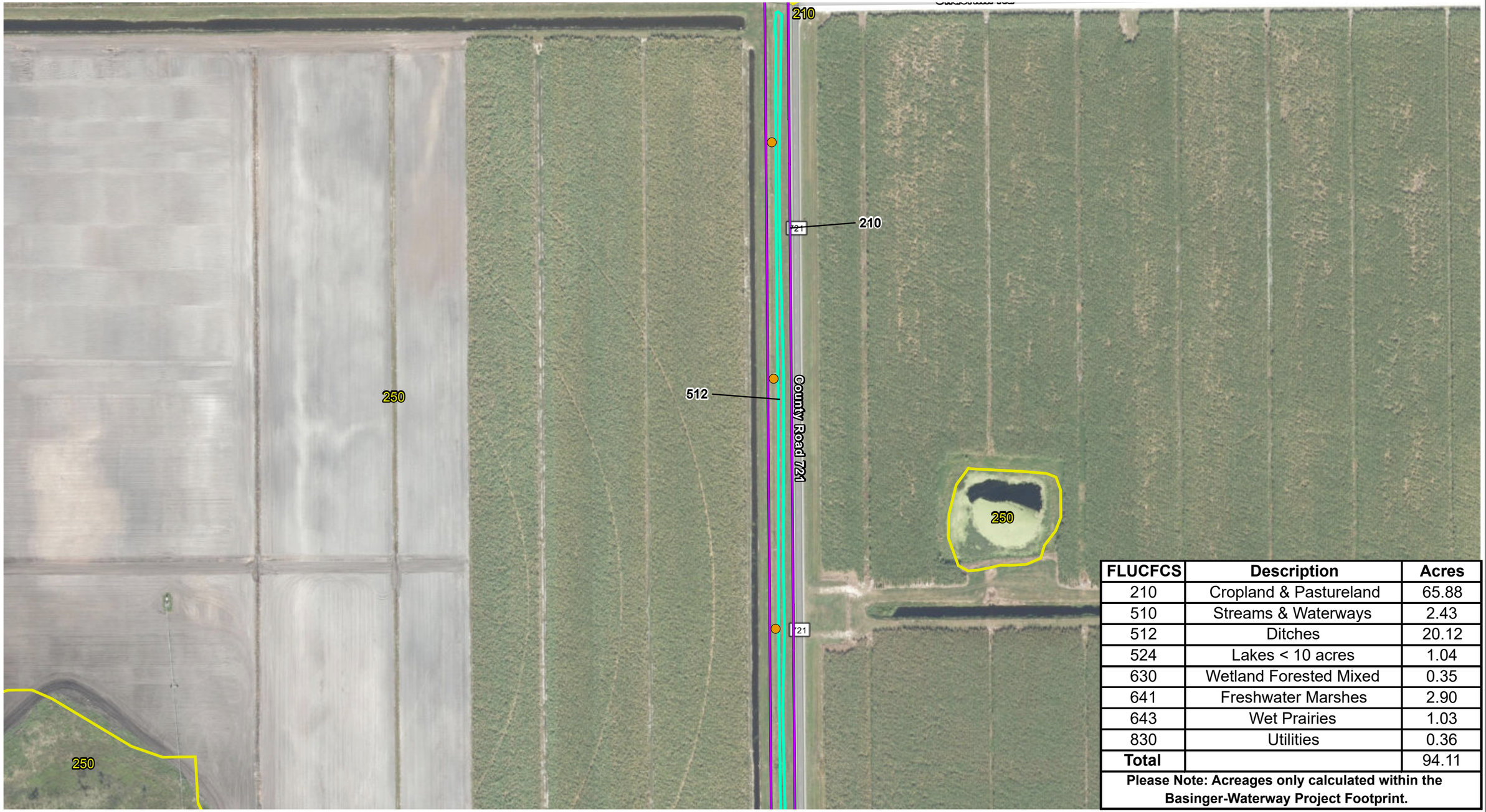
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 18 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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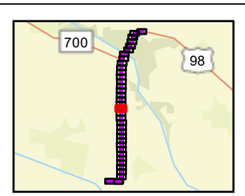
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



N

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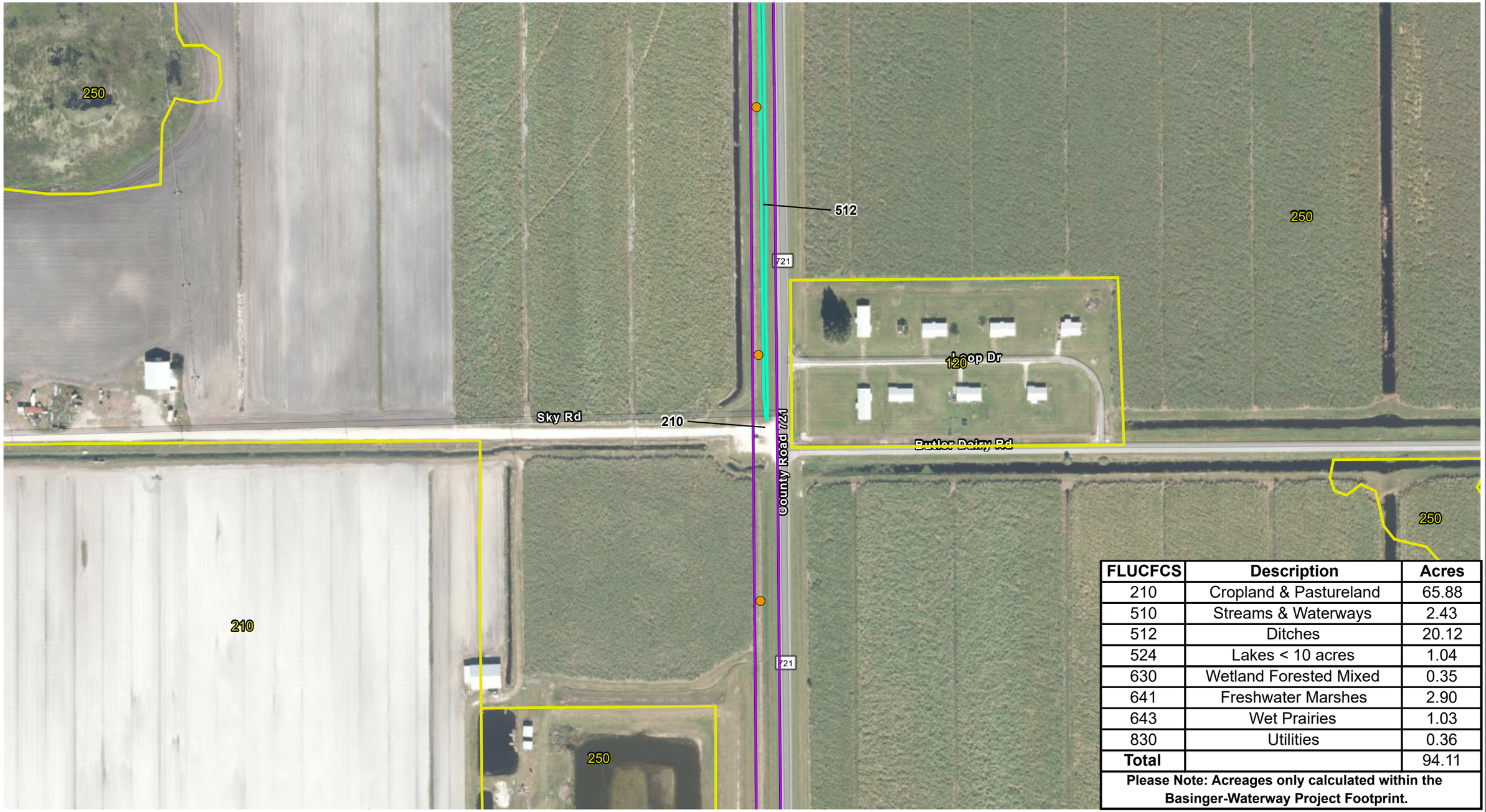
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 19 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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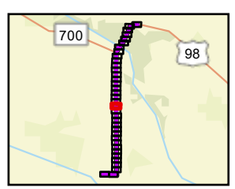
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



N

0 200 400

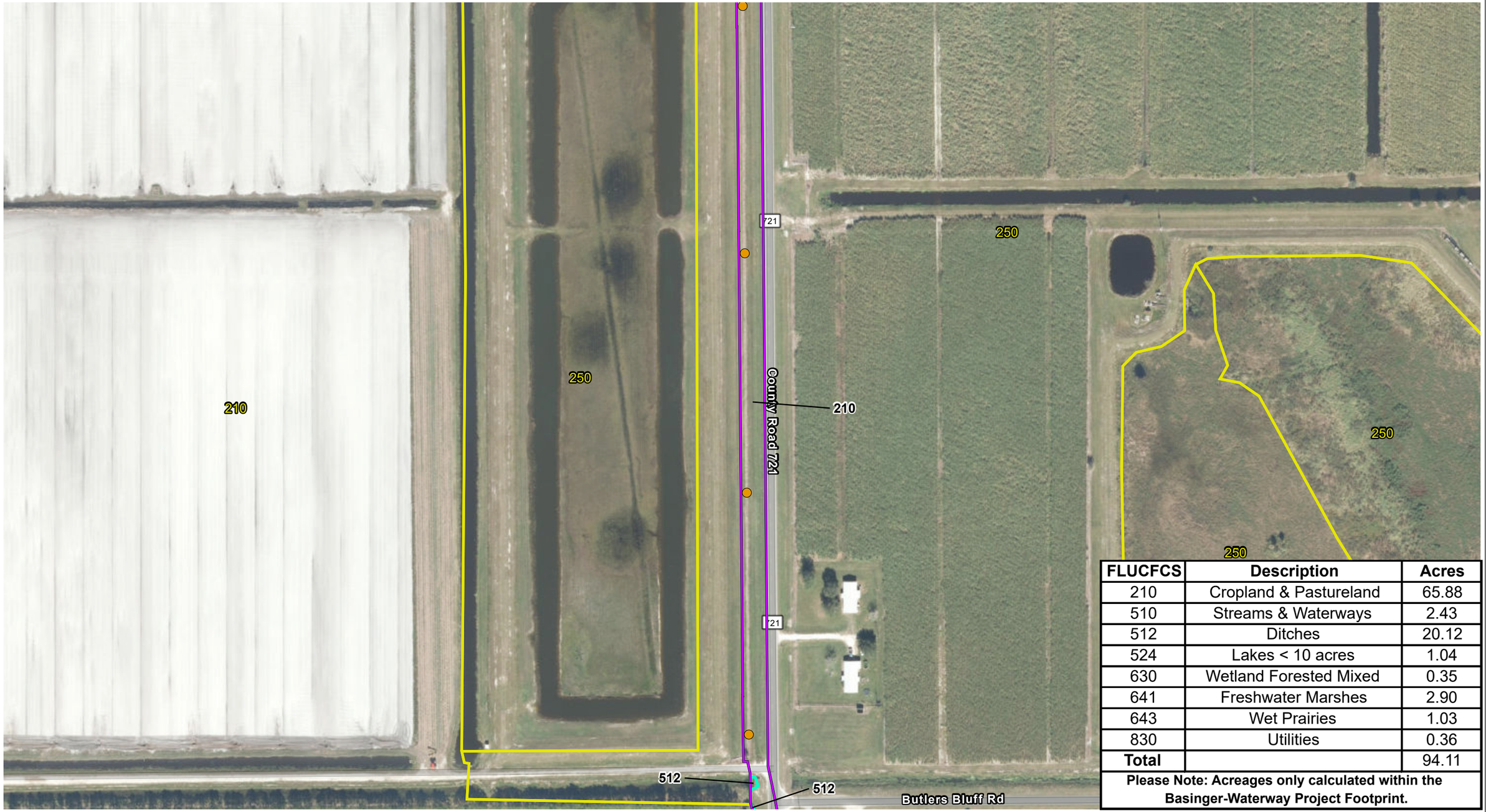
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 20 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT

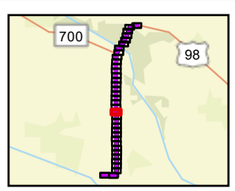


FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
510	Streams & Waterways	2.43
512	Ditches	20.12
524	Lakes < 10 acres	1.04
630	Wetland Forested Mixed	0.35
641	Freshwater Marshes	2.90
643	Wet Prairies	1.03
830	Utilities	0.36
Total		94.11

Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

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Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT

FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
510	Streams & Waterways	2.43
512	Ditches	20.12
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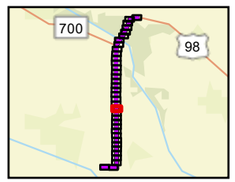
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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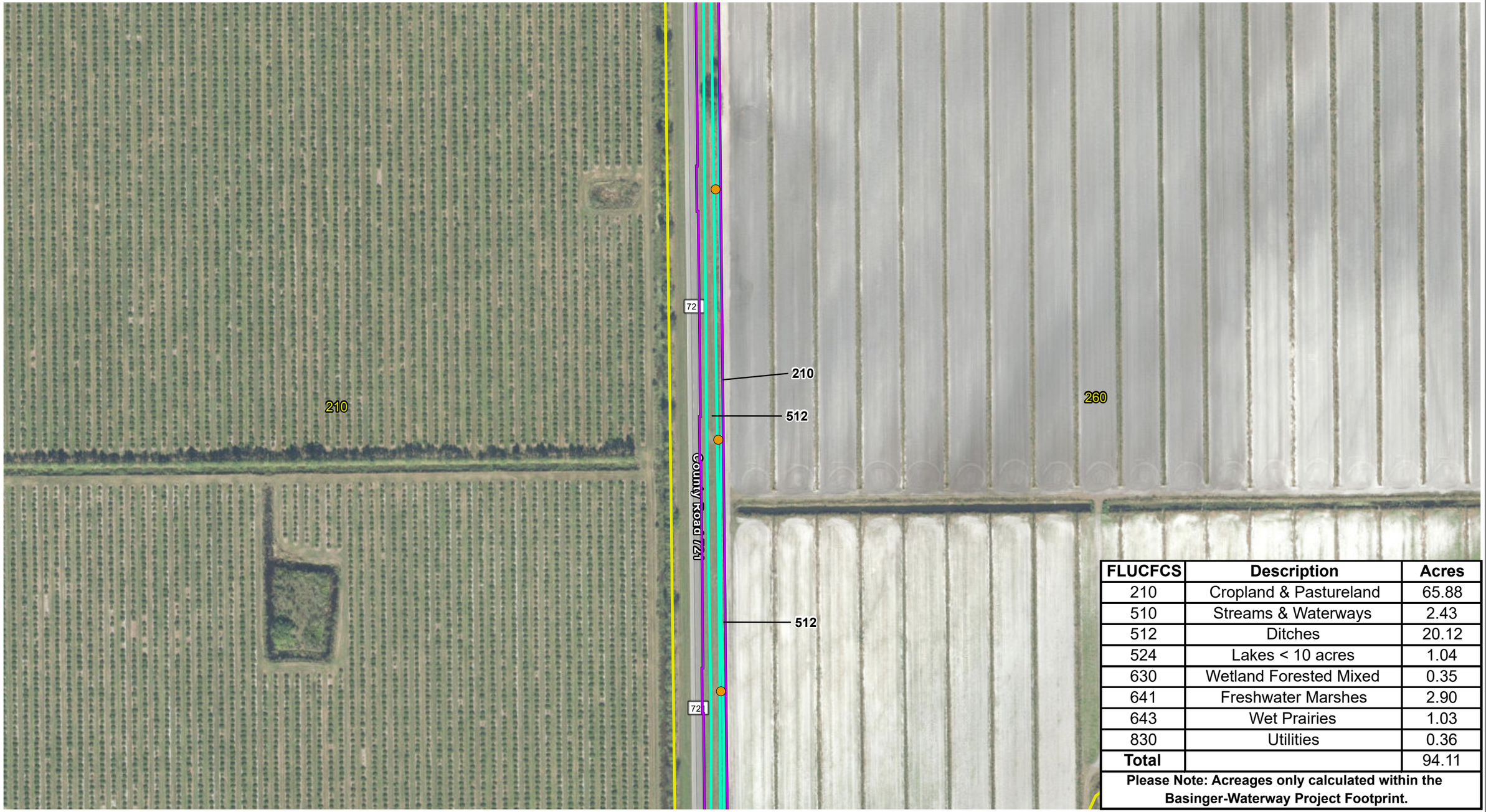
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 22 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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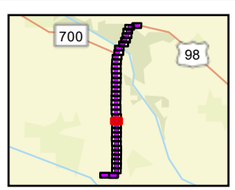
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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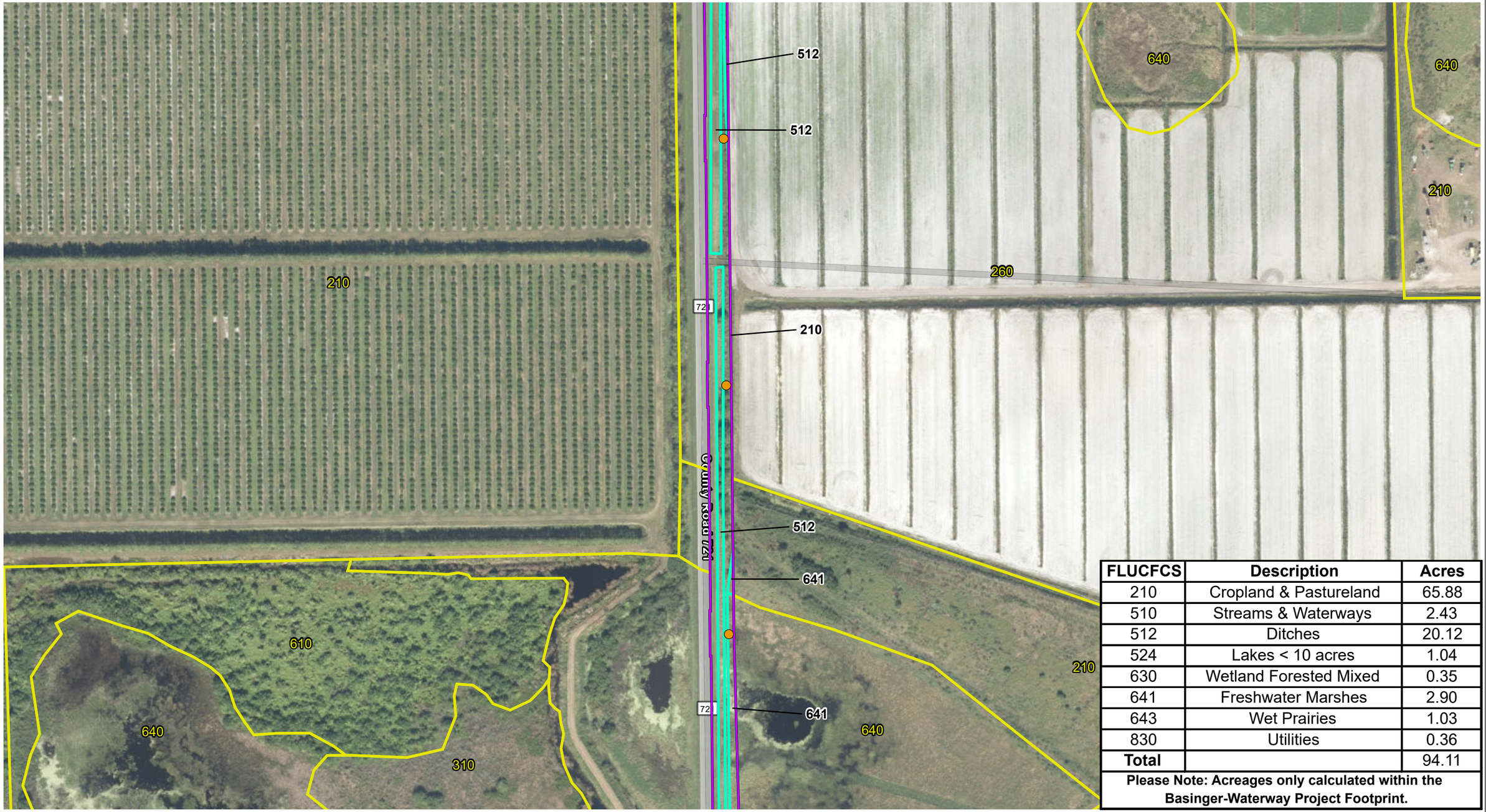
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 23 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
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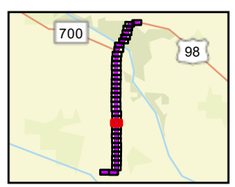
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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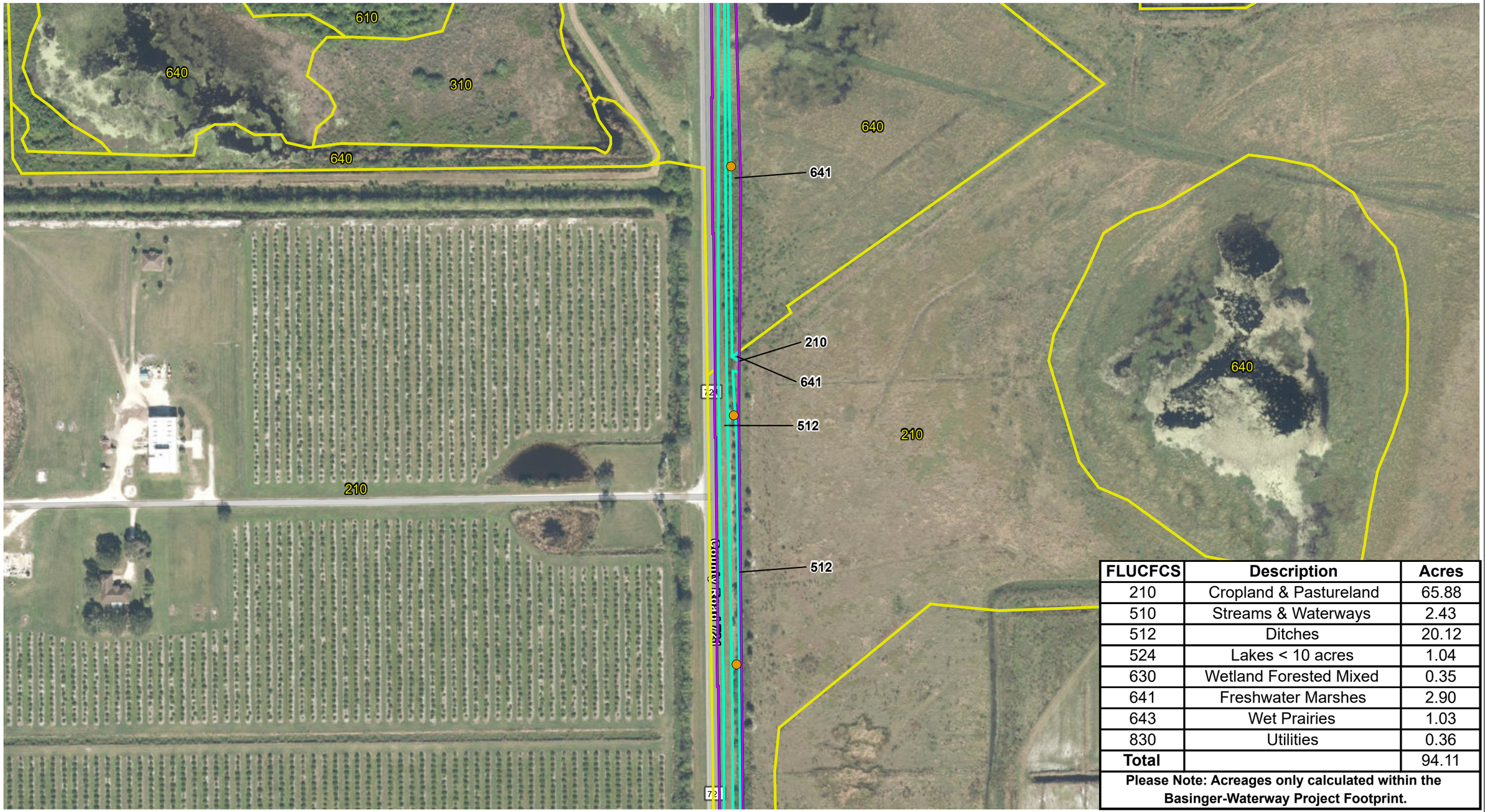
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 24 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
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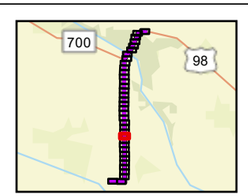
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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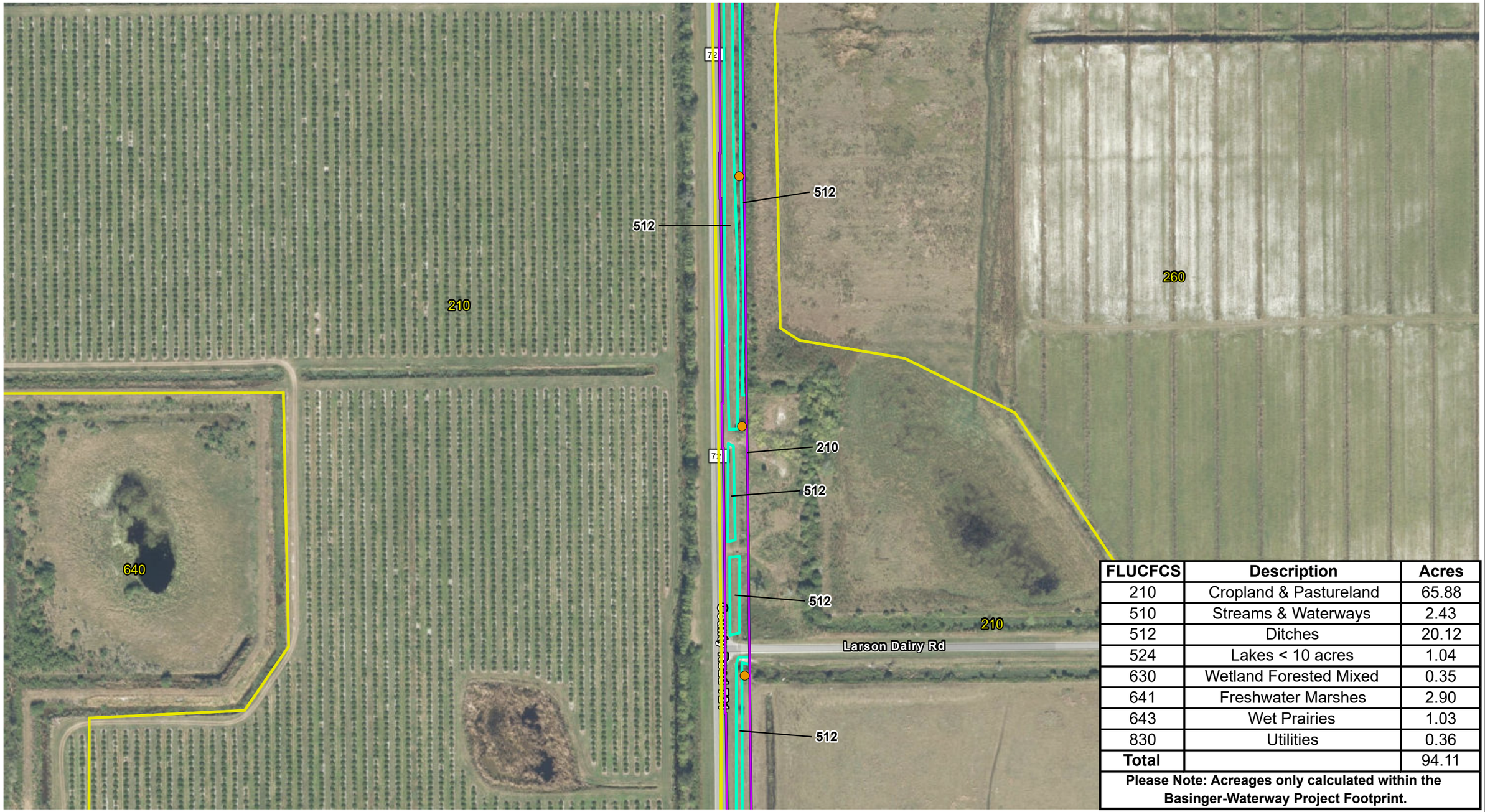
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 25 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
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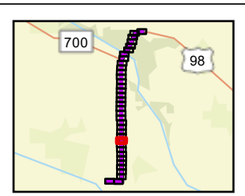
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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0 200 400
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 26 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT

FLUCFCS	Description	Acres
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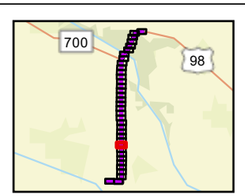
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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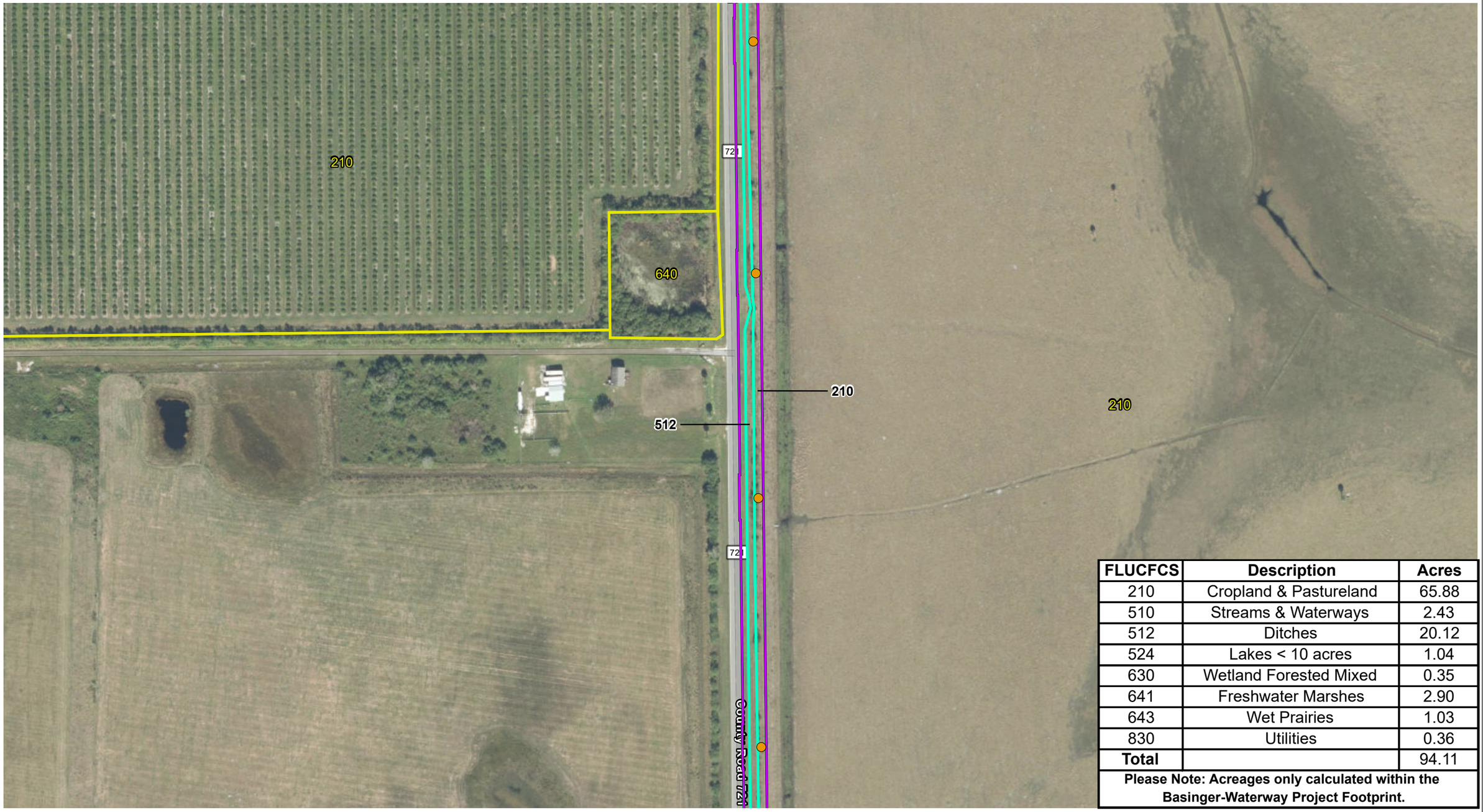
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 27 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



FLUCFCS	Description	Acres
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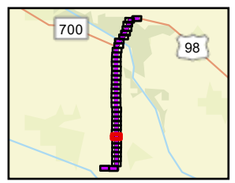
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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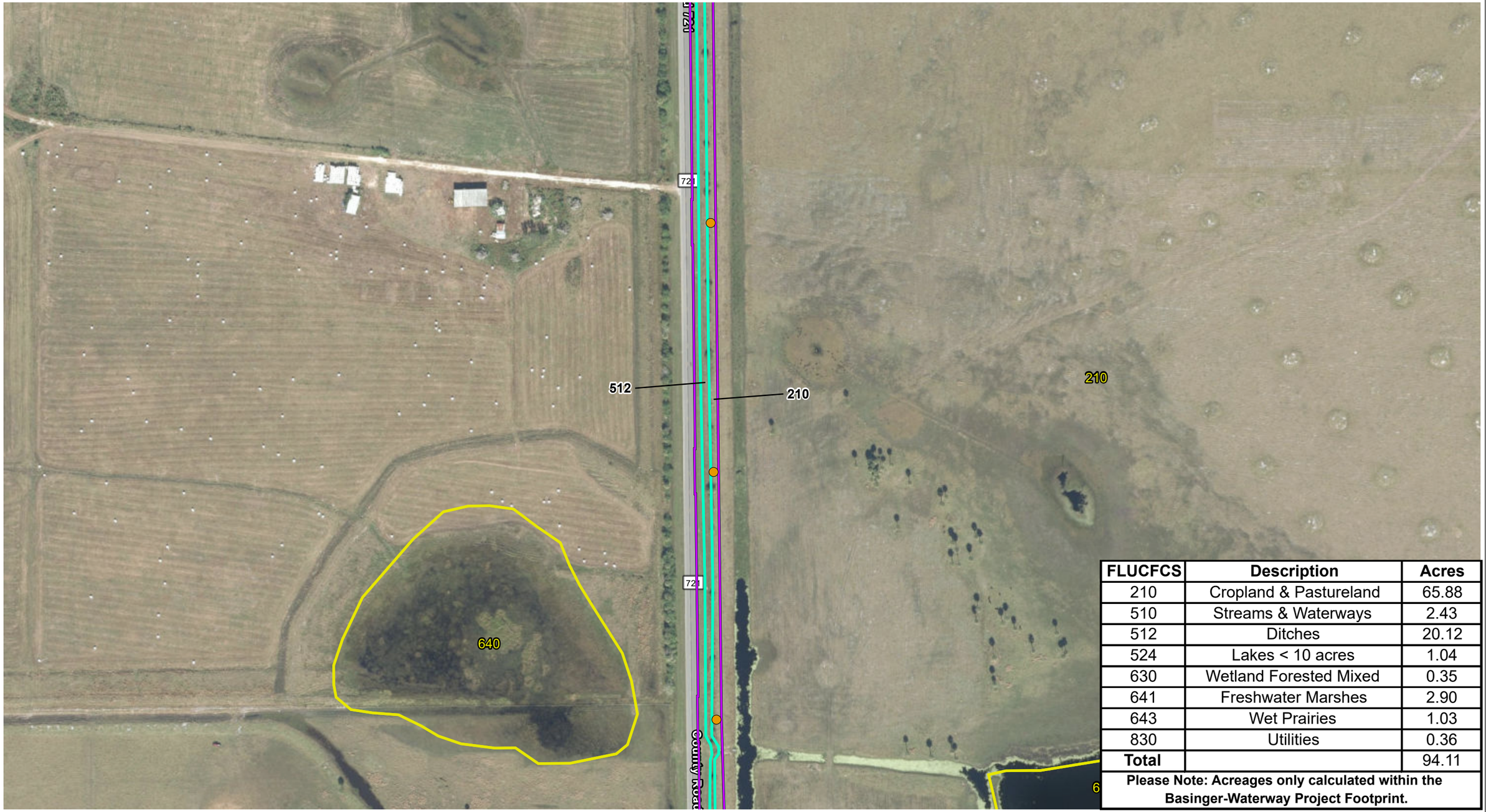
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 28 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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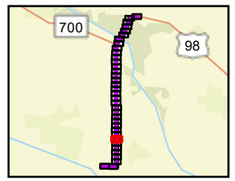
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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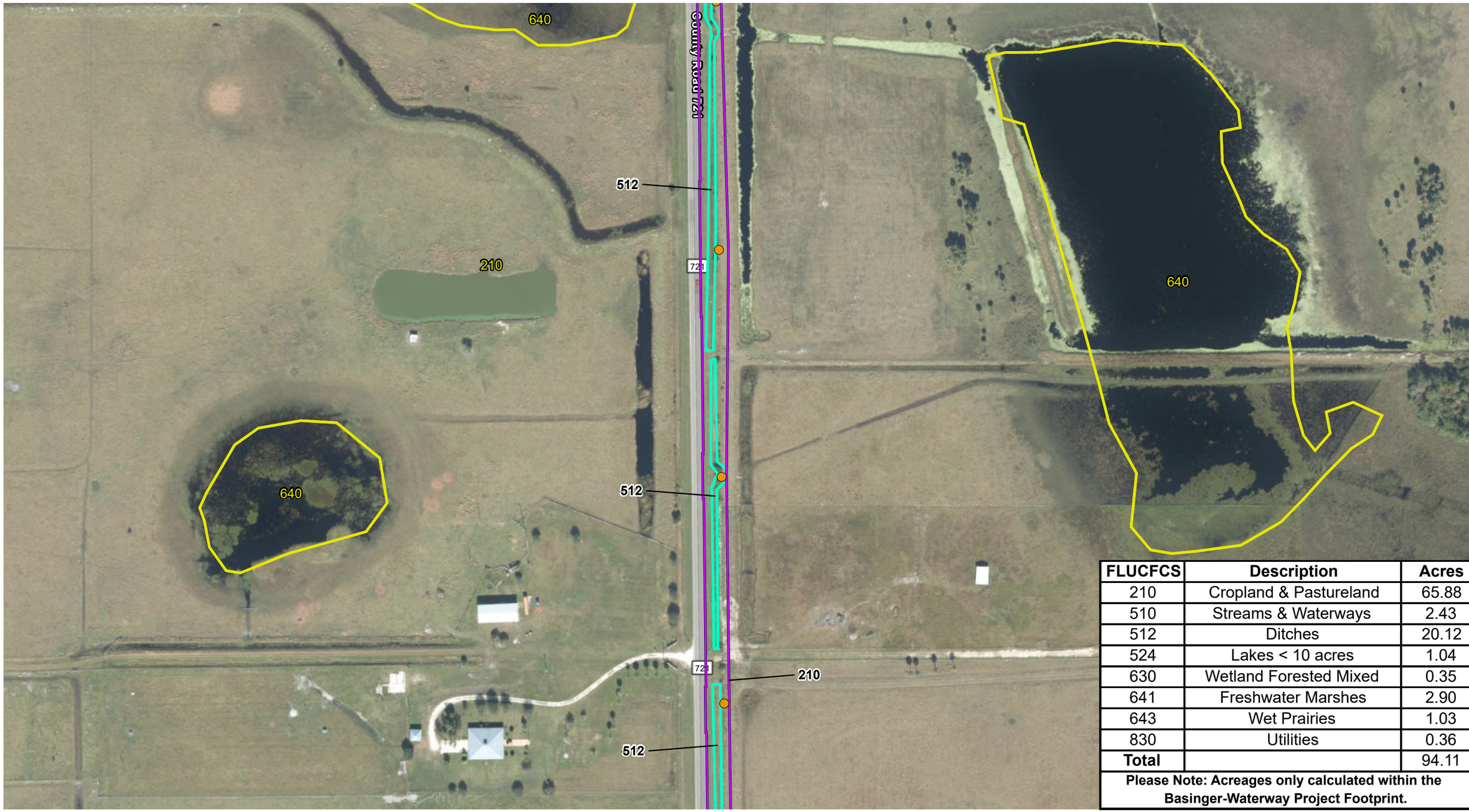
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 29 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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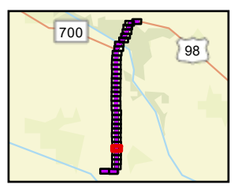
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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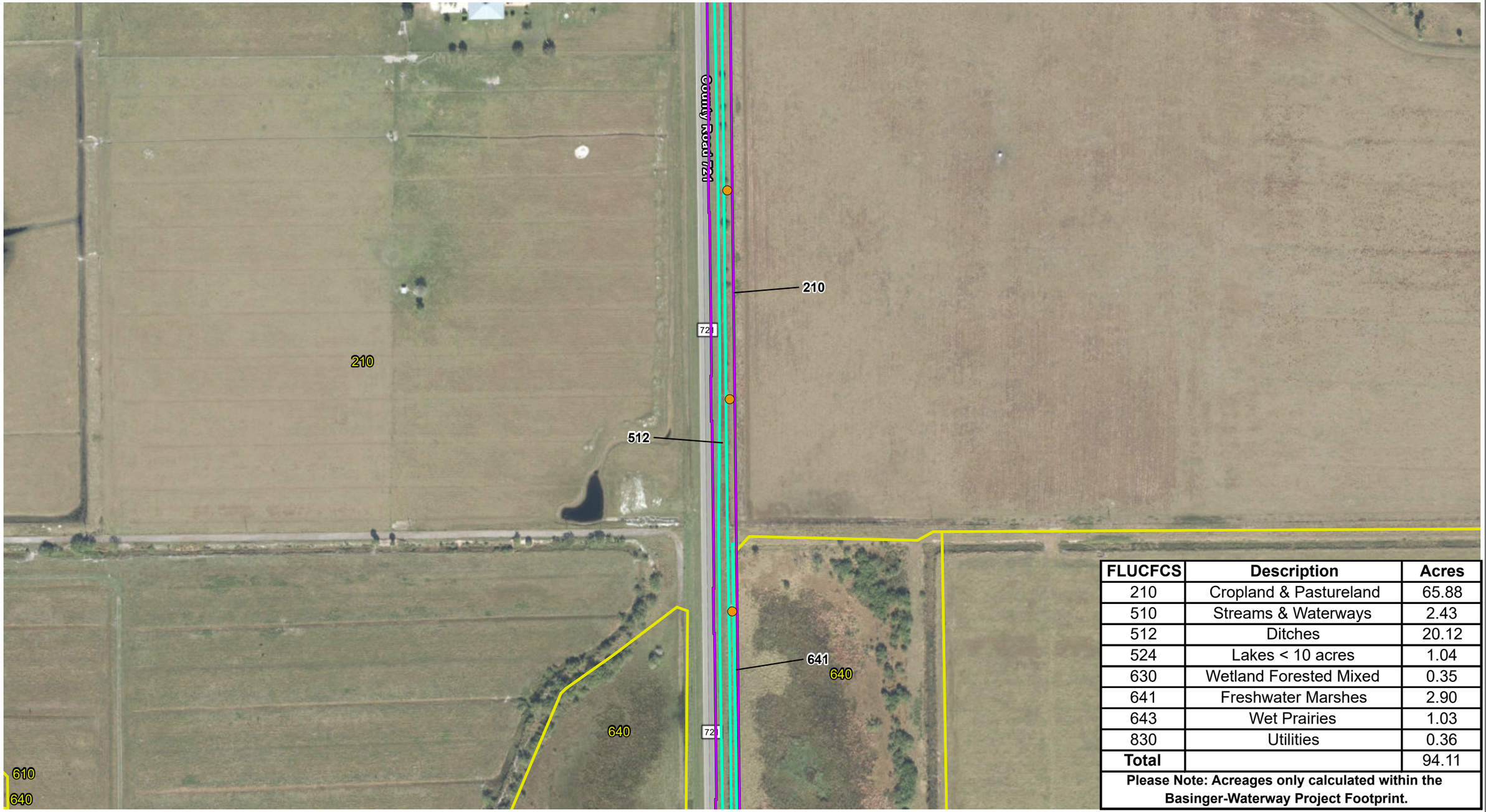
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 30 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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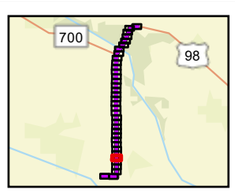
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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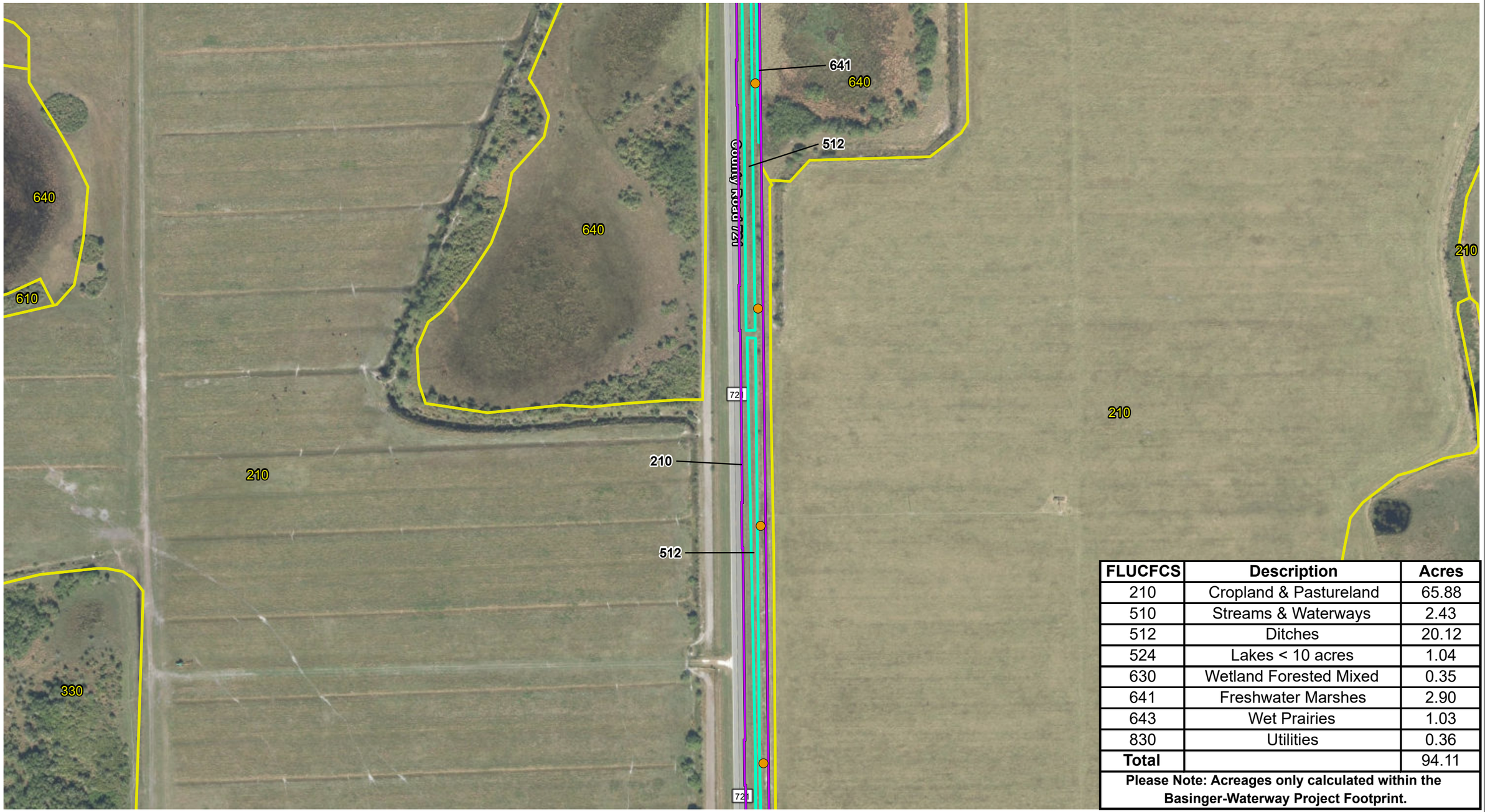
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 31 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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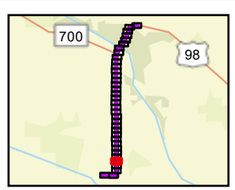
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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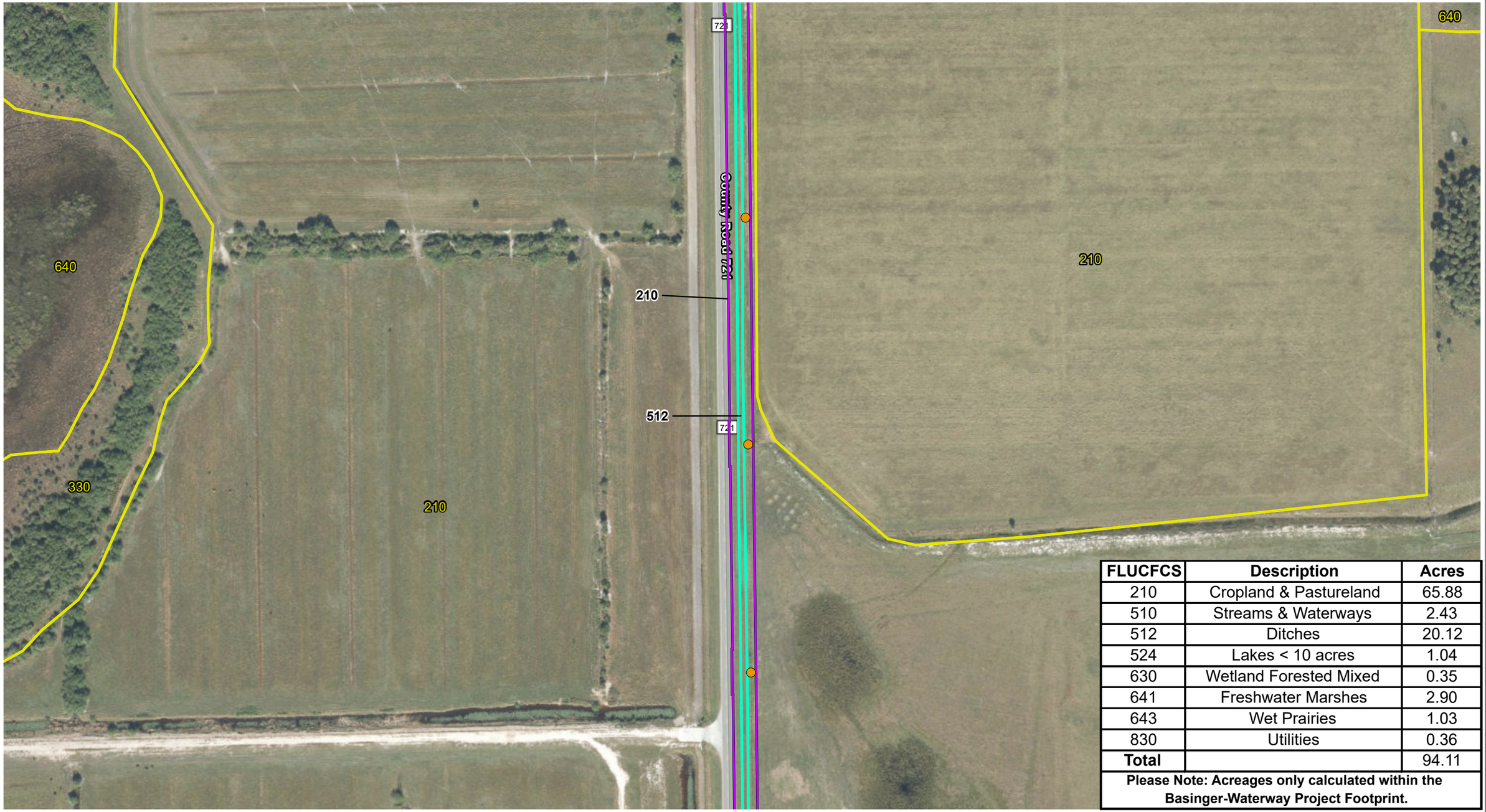
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 32 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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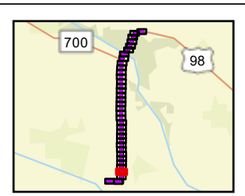
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



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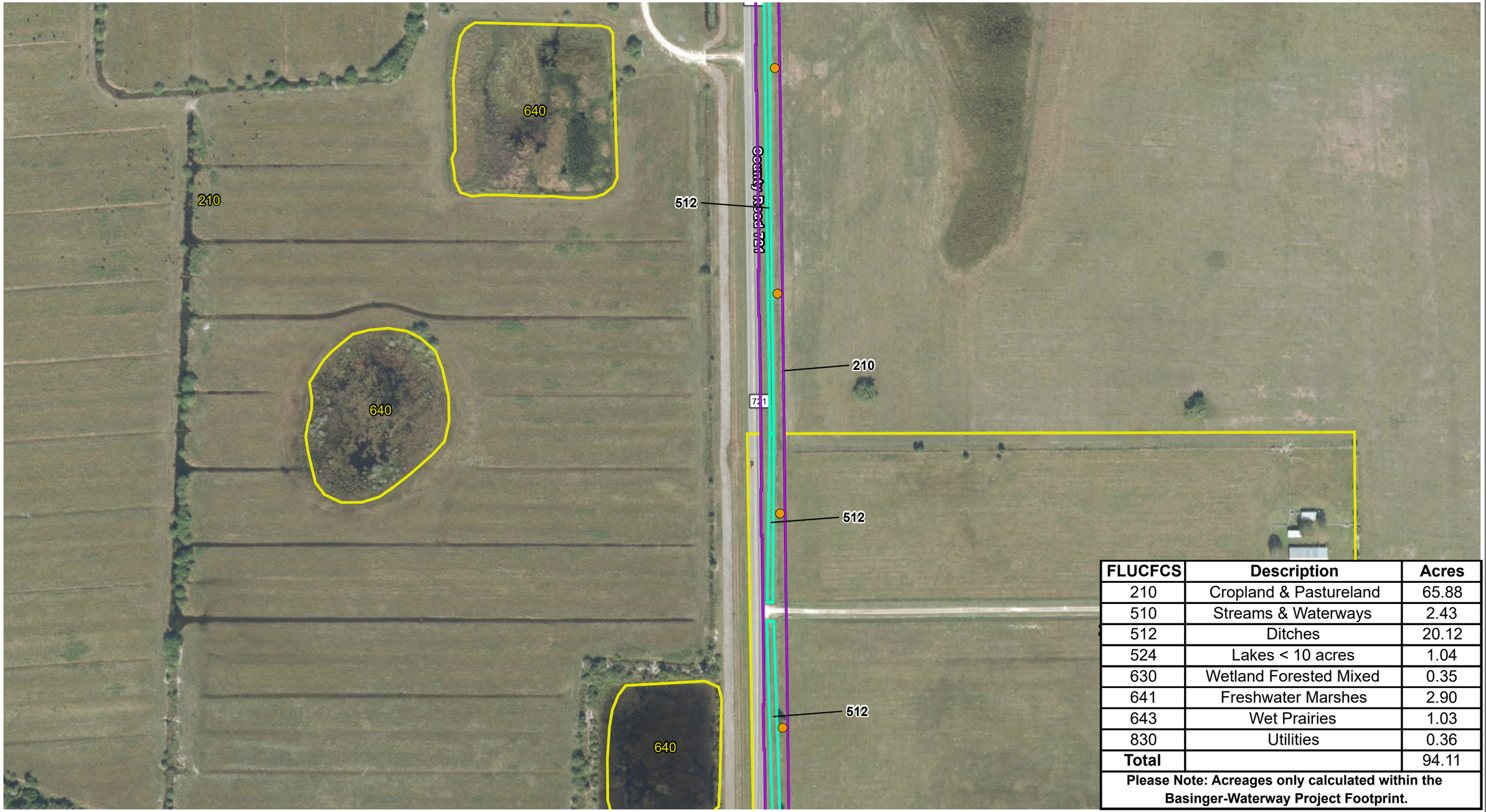
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 33 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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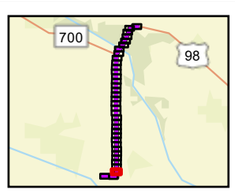
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



N

0 200 400

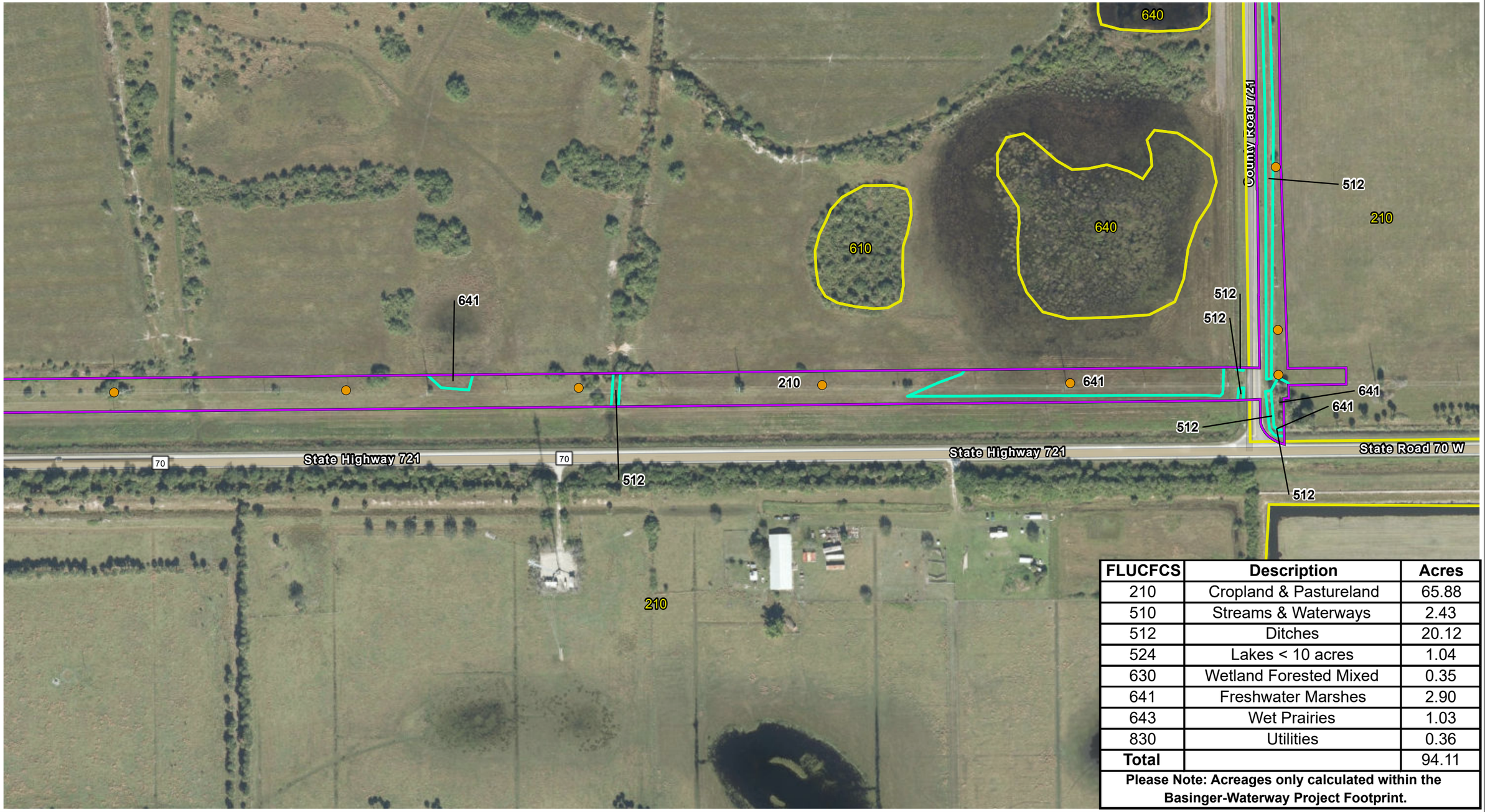
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 34 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



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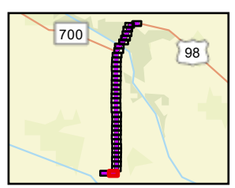
Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC



N

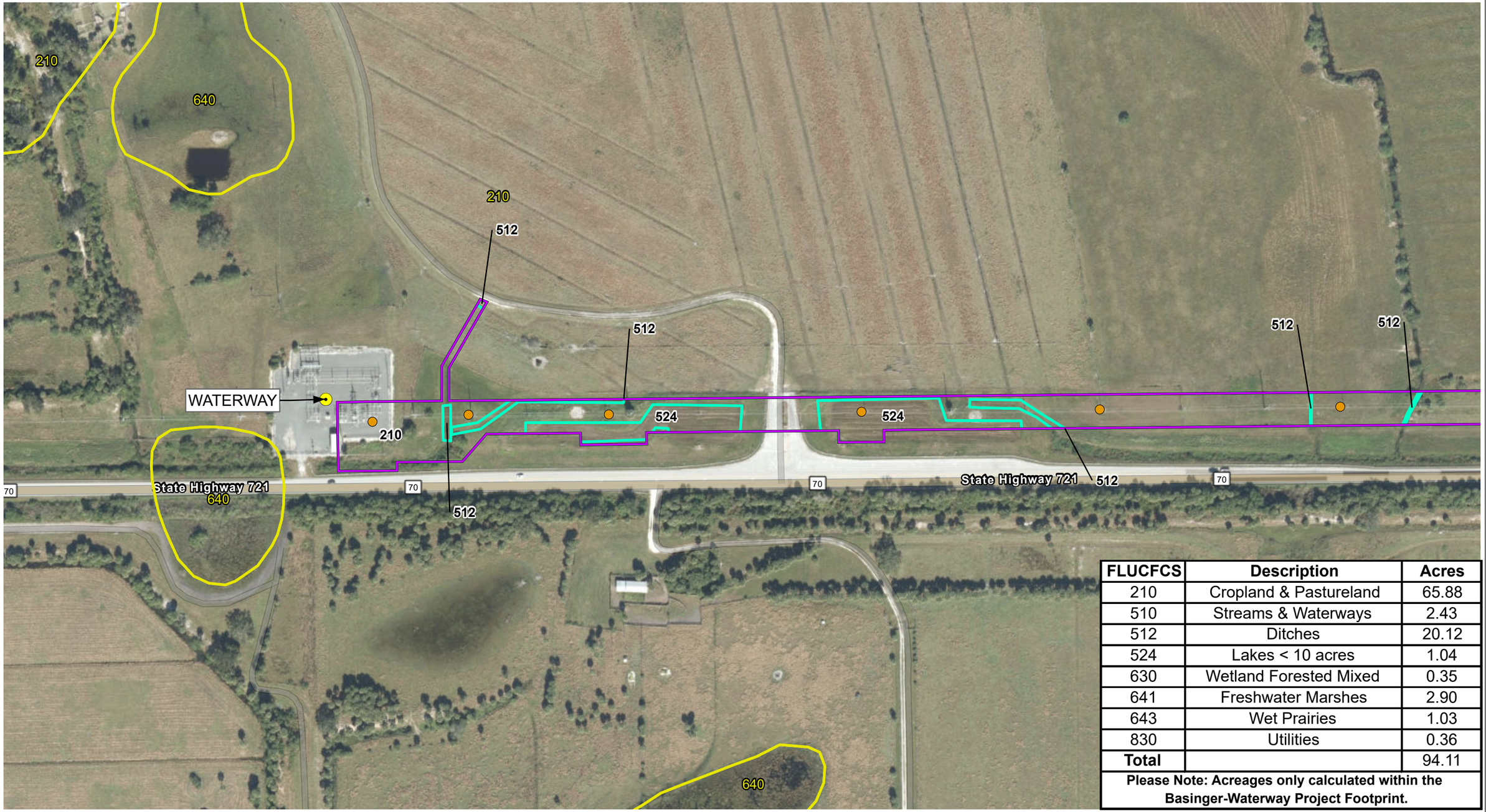
0 200 400
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 9 - Page 35 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

Okeechobee & Highland Counties, Florida

ECT



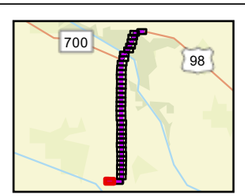
FLUCFCS	Description	Acres
210	Cropland & Pastureland	65.88
510	Streams & Waterways	2.43
512	Ditches	20.12
524	Lakes < 10 acres	1.04
630	Wetland Forested Mixed	0.35
641	Freshwater Marshes	2.90
643	Wet Prairies	1.03
830	Utilities	0.36
Total		94.11

Please Note: Acreages only calculated within the Basinger-Waterway Project Footprint.

Legend

- Proposed Structure
- Substation
- Basinger-Waterway Project Footprint
- Delineated LULC
- Database LULC

Note: Expansions or modifications of substations are to be permitted separately.



N

0 200 400
Feet

Sources: FDOT 2020; Pickett 2023; ECT, 2024.

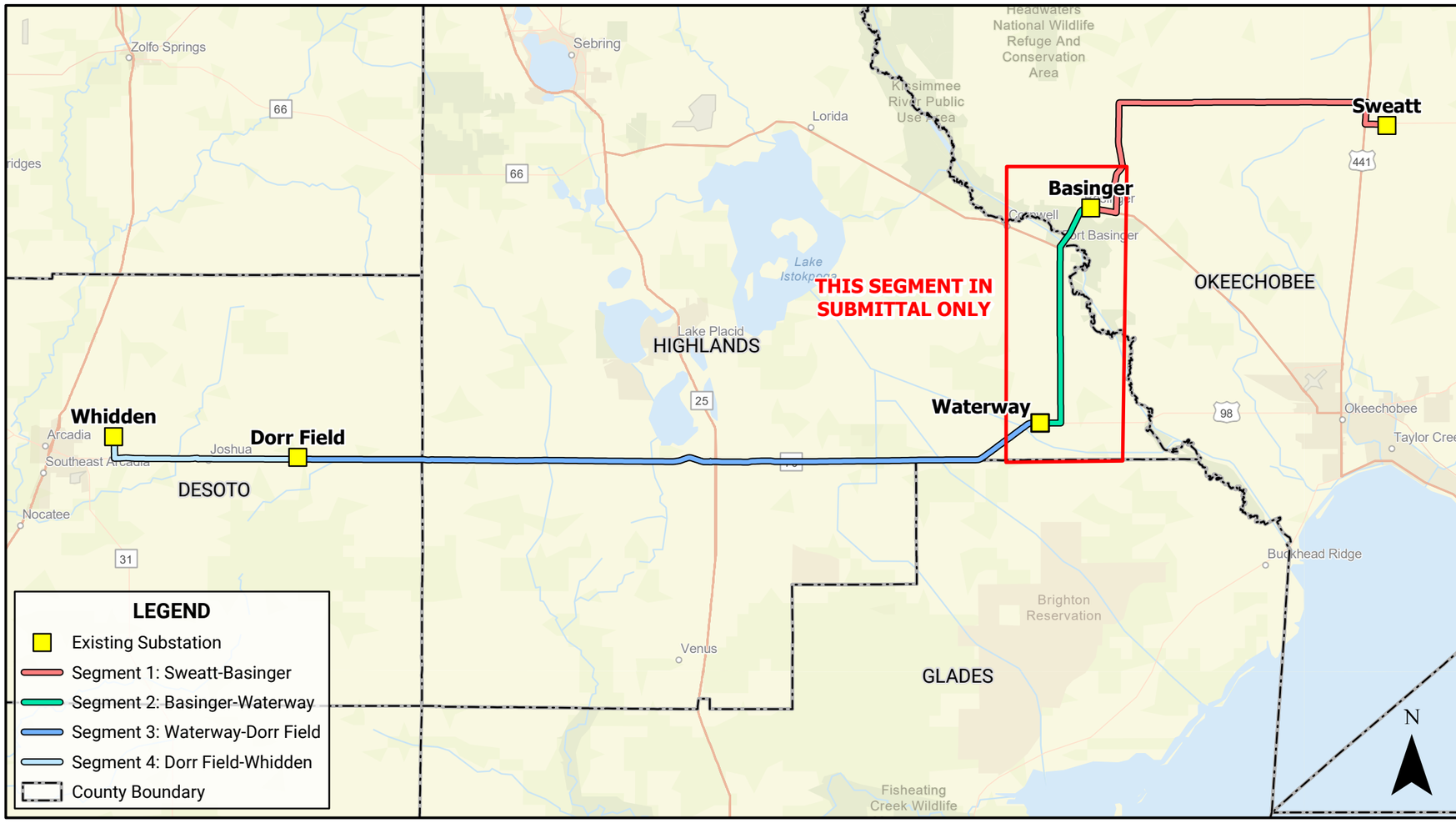
Attachment 9 - Page 36 of 36
Segment 2: Basinger - Waterway
Land Use/Land Cover

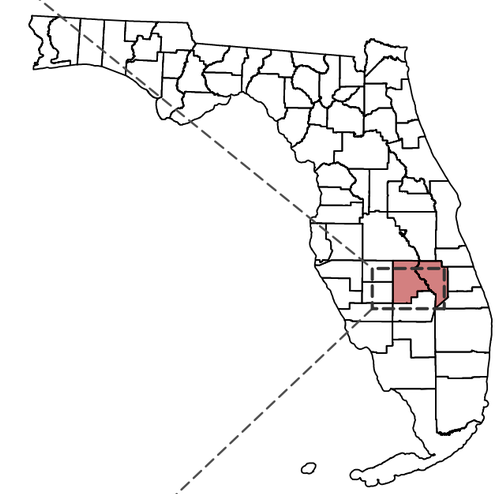
Okeechobee & Highland Counties, Florida

ECT

Attachment 16 – Civil Design Drawings

Sweatt to Whidden 230kV Transmission Line - TA22-19
Civil Access Drawings
Segment 2: Basinger - Waterway





PROJECT LOCATION

HIGHLANDS COUNTY
OKEECHOBEE COUNTY
DESOTO COUNTY
GLADES COUNTY

PROFESSIONAL ENGINEER No 45287 MICHAEL K. LEAHY STATE OF FLORIDA SURVEYOR No 5658

MICHAEL K. LEAHY P.E. #45287

REV	DATE	DESCRIPTION	BY	CKD	APP
0	1/19/2024	ISSUED FOR PERMIT SUBMITTAL	ANG	BJW	BJW

PICKETT AND ASSOCIATES, LLC

5010 West Nassau St. Tampa, FL 33607

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.

FLORIDA POWER & LIGHT COMPANY

Sweatt-Whidden TLSA Project, TA22-19

SCALE: NTS
DRAWN BY: ATR
ENGINEER: MKL
COUNTY: HIGHLANDS, OKEECHOBEE

DATE: 1/19/2024
CHECKED BY: BJW
SECTION: AS SHOWN
SHEET 1 OF 24

FPL

PROPOSED SWEATT - WHIDDEN 230KV LINE
SEGMENT 2: BASINGER - WATERWAY
COVER SHEET

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LEGEND

- Existing Substation
- Waterway-Basinger Project Centerline (T33574)
- Map Series Sheets
- County Boundary

NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

SCALE: NTS
DRAWN BY: ATR
ENGINEER: MKL
DATE: 1/19/2024
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

SEGMENT 2:BASINGER-WATERWAY CIVIL DRAWINGS INDEX

LINE NAME:	**SWEATT - WHIDDEN 230KV**
LINE SECTION:	**BASINGER-WATERWAY**
COUNTY:	**HIGHLANDS , OKEECHOBEE**
DESCRIPTION:	**SEGMENT 2: BASINGER-WATERWAY CIVIL DRAWINGS - TA22-19**
IO:	**T33574**
ENGINEER:	**MIKE LEAHY**

SHEET 2 OF 24

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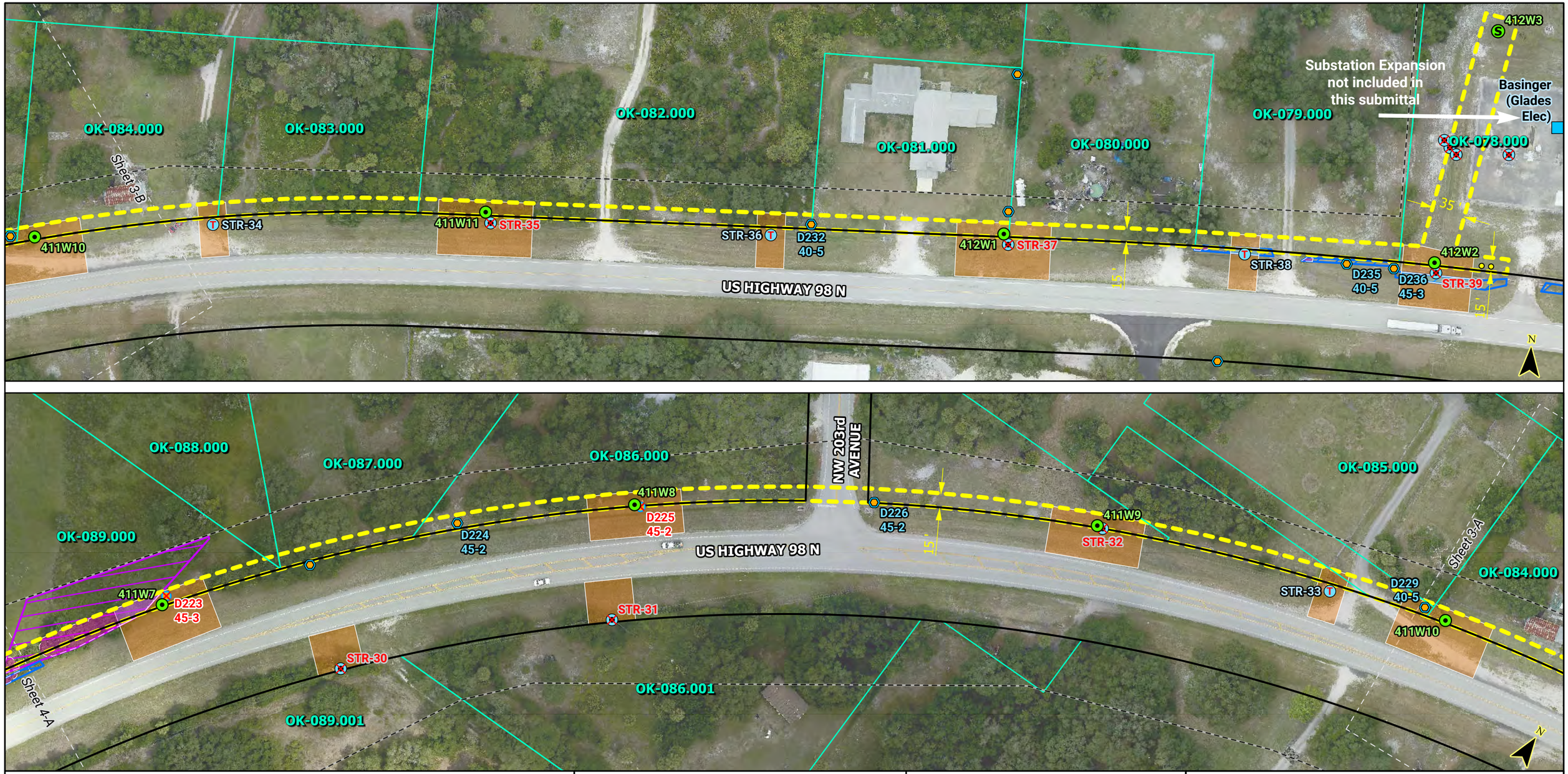

LEGEND

- Proposed Substation
- Existing Glades Substation
- Existing Substation to Decomission
- Proposed Structure
- Proposed Inline Dead-End Structure
- Proposed Anchor Pile
- FPL Trans. Structure to Remove
- FPL Trans. Structure to Top
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- Project Parcel
- County Boundary

NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

SCALE: 1" = 100' *DATE: 1/19/2024*
DRAWN BY: ATR *CHECKED BY: BJW*
ENGINEER: EW *SECTION: AS SHOWN*

FPL

Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
LINE SECTION:	**BASINGER - WATERWAY**
COUNTY:	**OKEECHOBEE**
DESCRIPTION:	**SR-70 BASINGER-WATERWAY CIVIL MAP**
IO:	**T33574**
ENGINEER:	**MIKE LEAHY**

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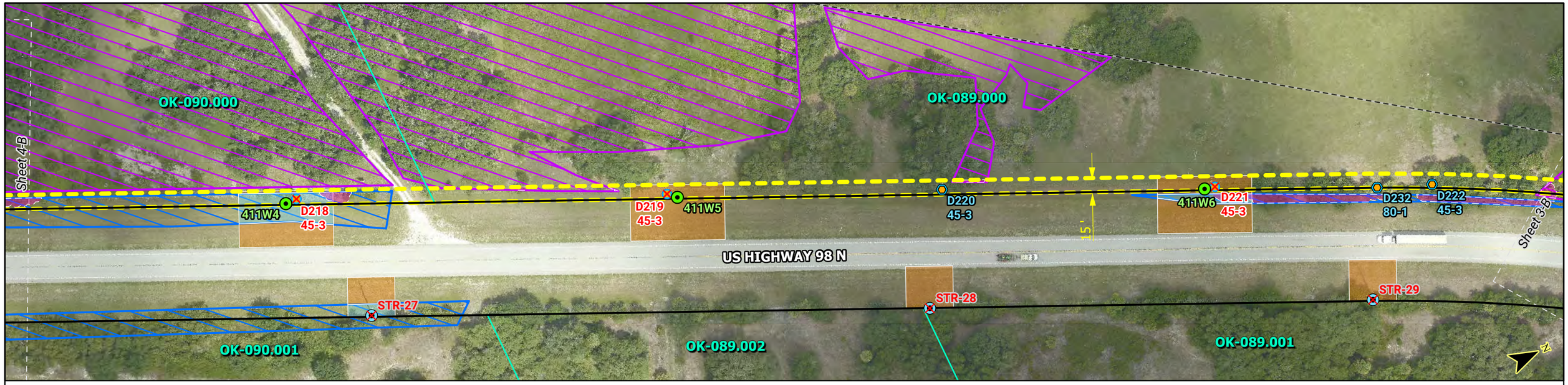

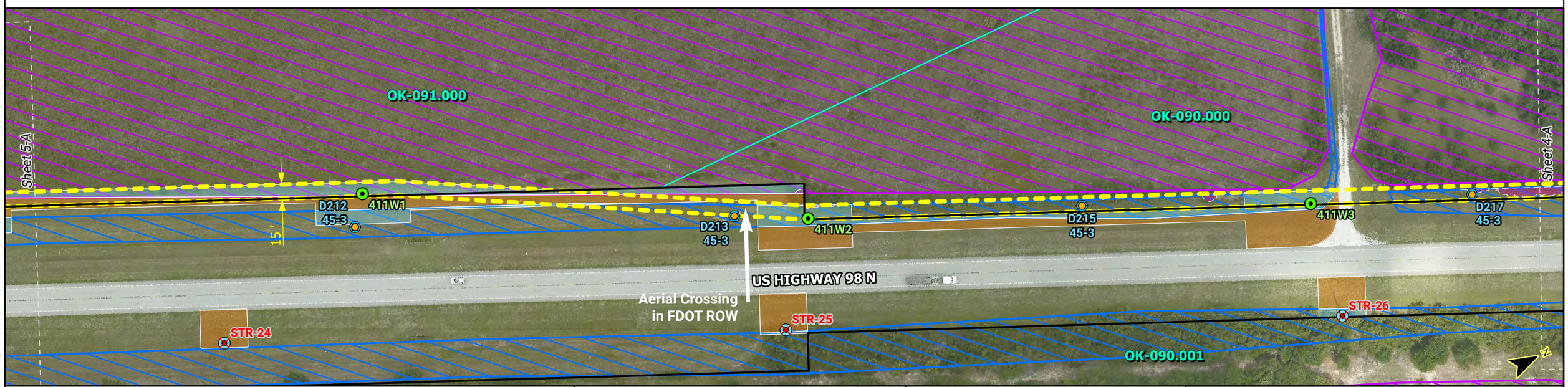

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FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

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SECTION: AS SHOWN

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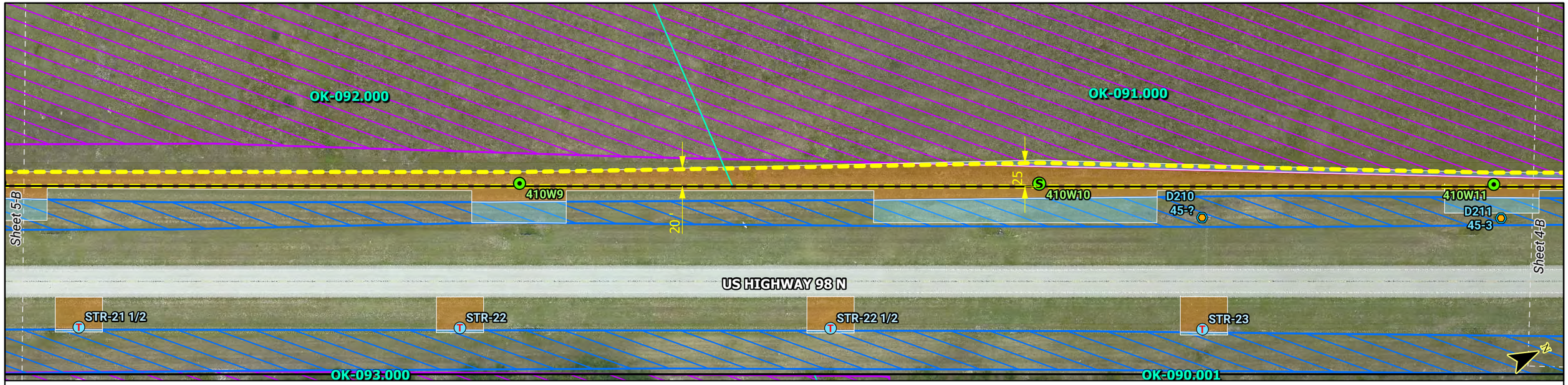

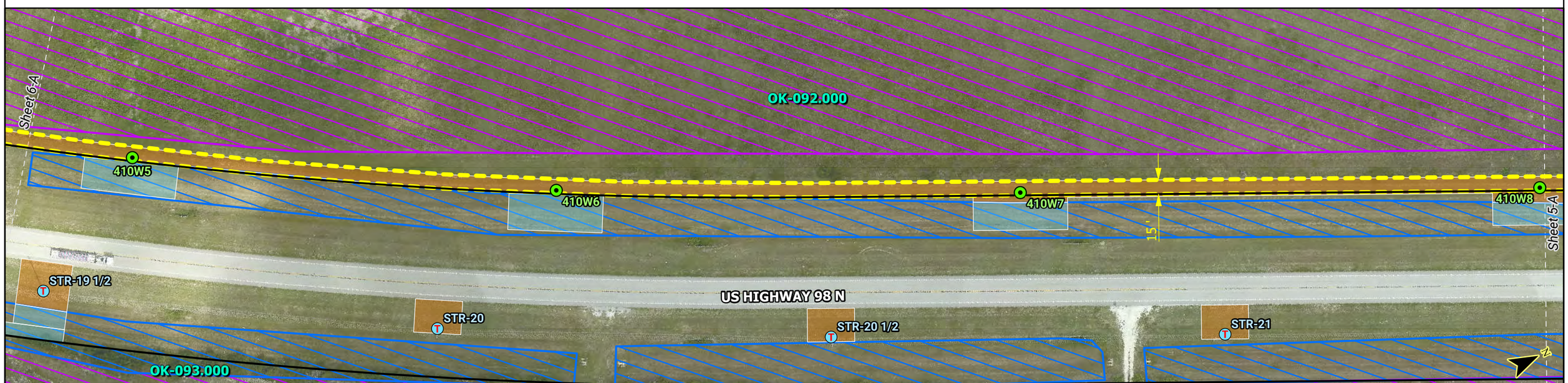

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FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

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DATE: 1/19/2024
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SECTION: AS SHOWN

FPL

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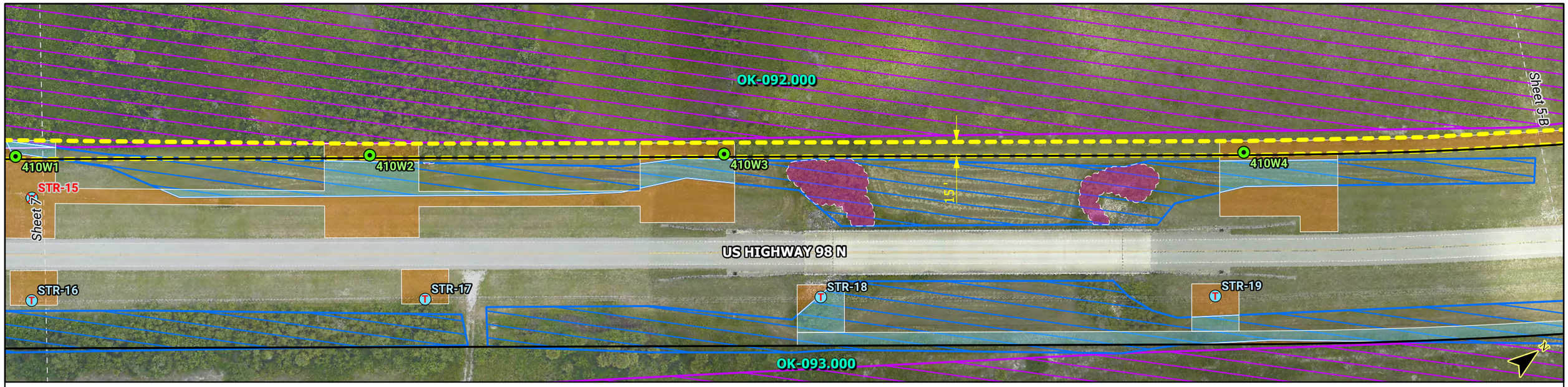

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FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

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KISSIMMEE RIVER

HI-001.000

OK-092.000

Kissimmee River SSL Approximate Mean High-Water Line

C-38

Sheet 8-A

90'

32'

409W9

STR-13

44'

52'

27'

409W10

STR-14

410W1

STR-15

20'

Sheet 6-A

US HIGHWAY 98 N

STR-16

Project ROW Overlaping FDOT SSL Easement

OK-094.000

OK-093.000

KISSIMMEE RIVER

N

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- FDOT SSL
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FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

SCALE: 1" = 100' *DATE: 1/19/2024*
DRAWN BY: ATR *CHECKED BY: BJW*
ENGINEER: EW *SECTION: AS SHOWN*

FPL

Segment 2: Basinger-Waterway Map Series

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SHEET 7 OF 24

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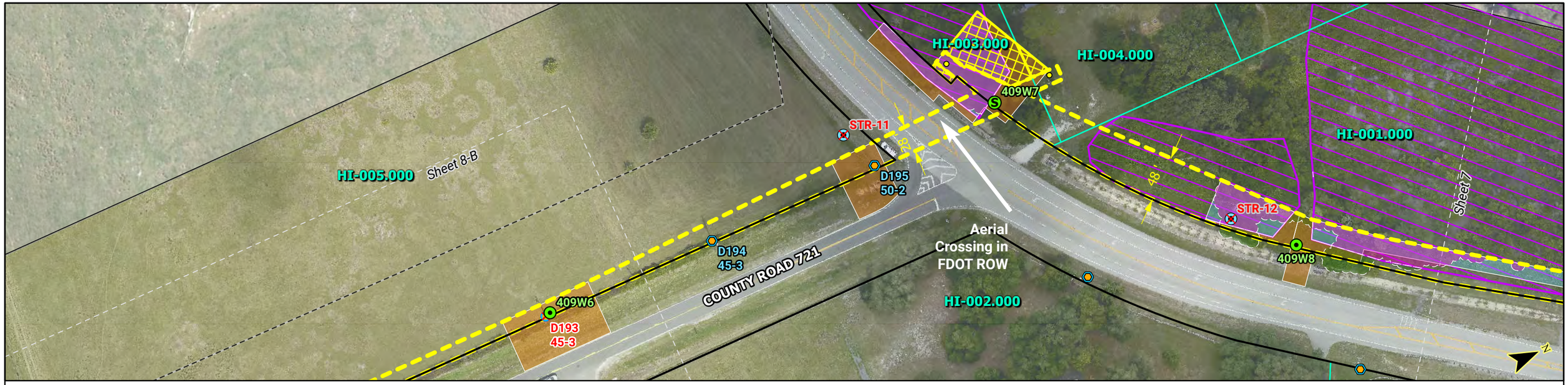

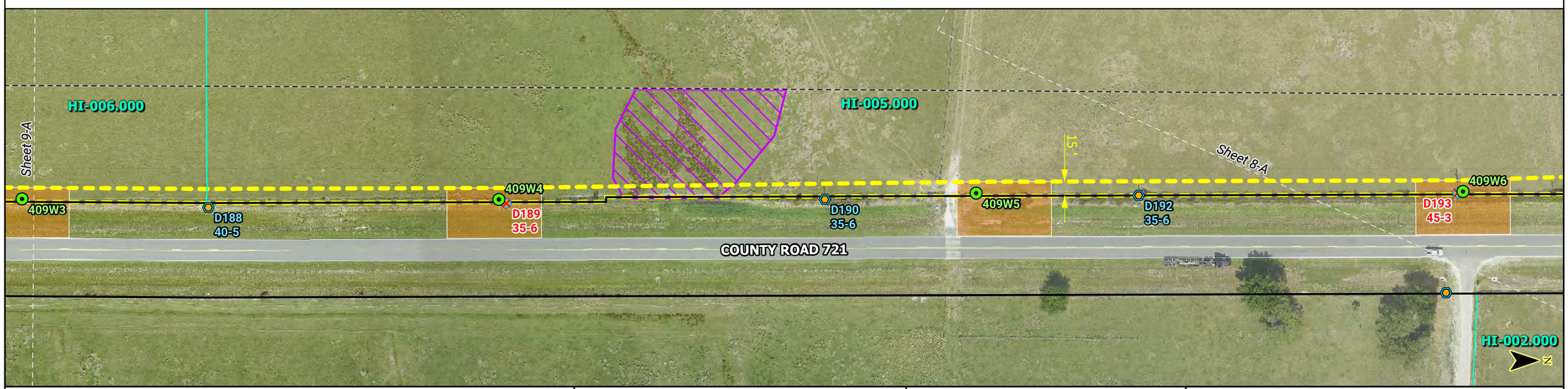

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FLORIDA POWER & LIGHT COMPANY

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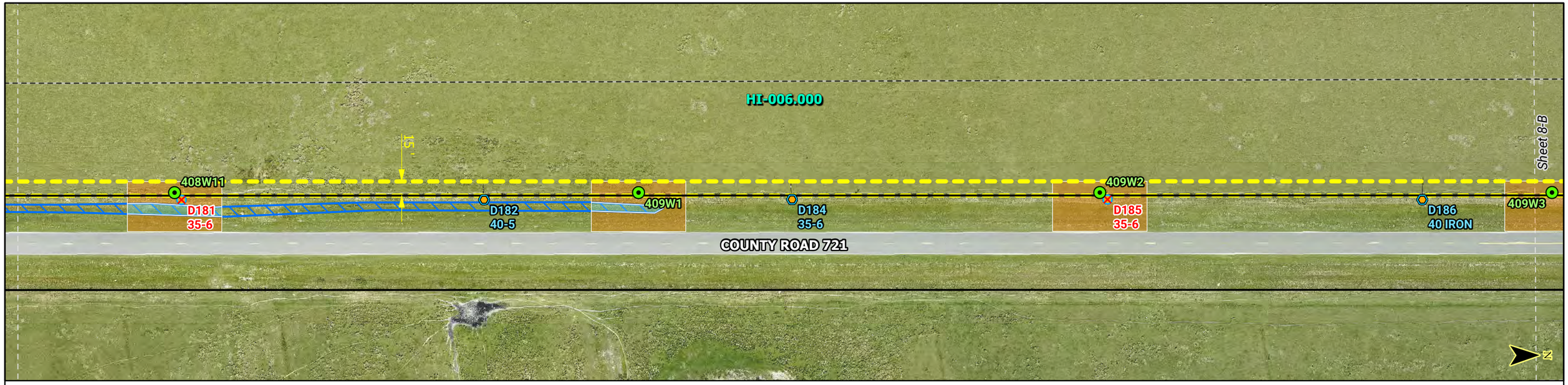

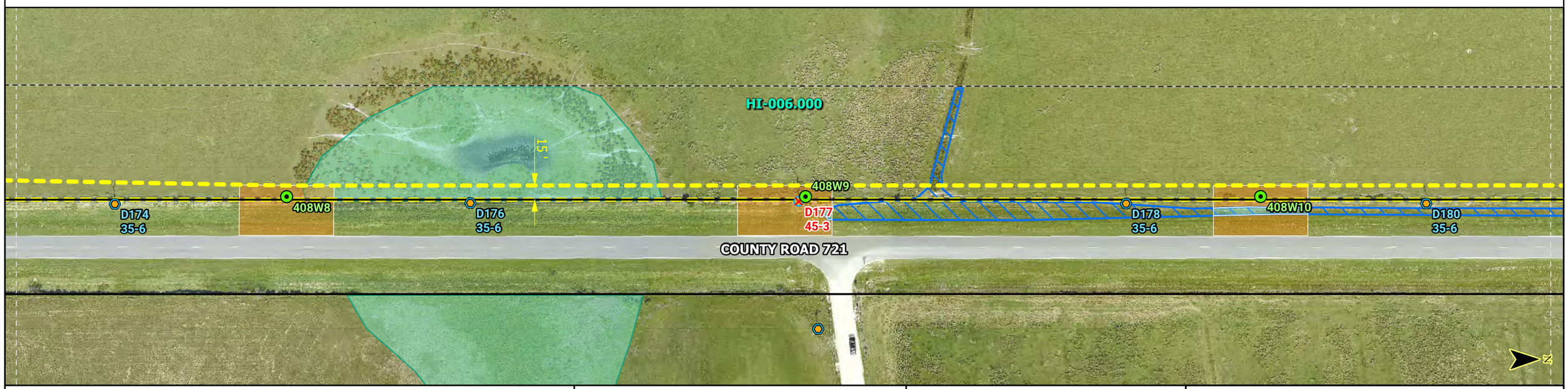

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FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

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Segment 2: Basinger-Waterway Map Series

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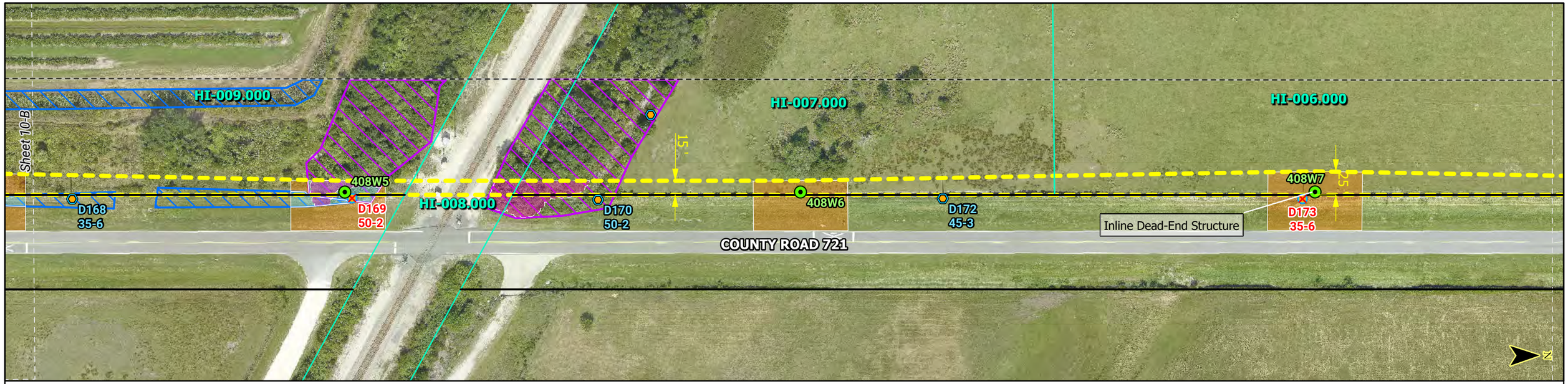

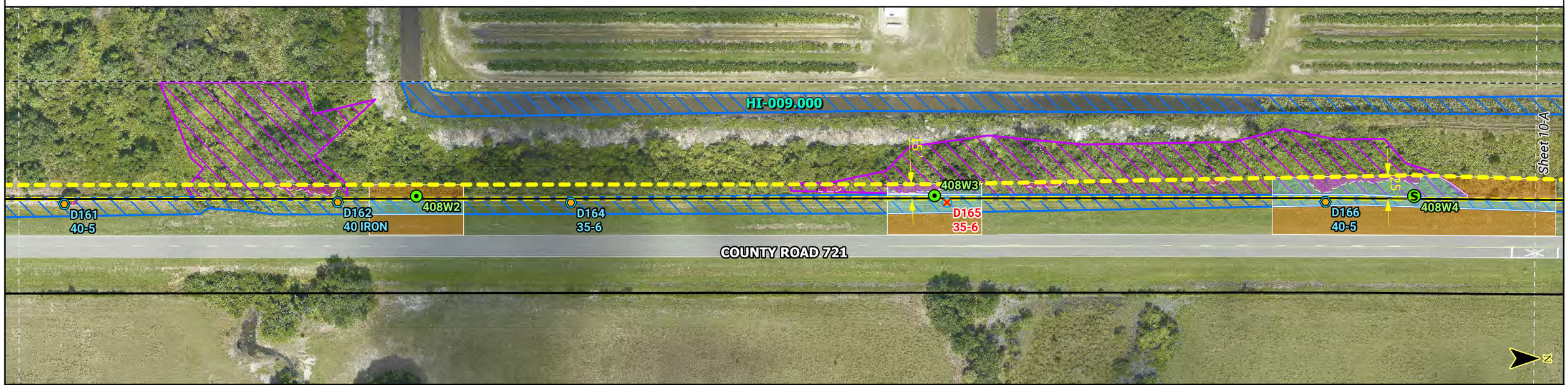

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FLORIDA POWER & LIGHT COMPANY

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SHEET 10 OF 24

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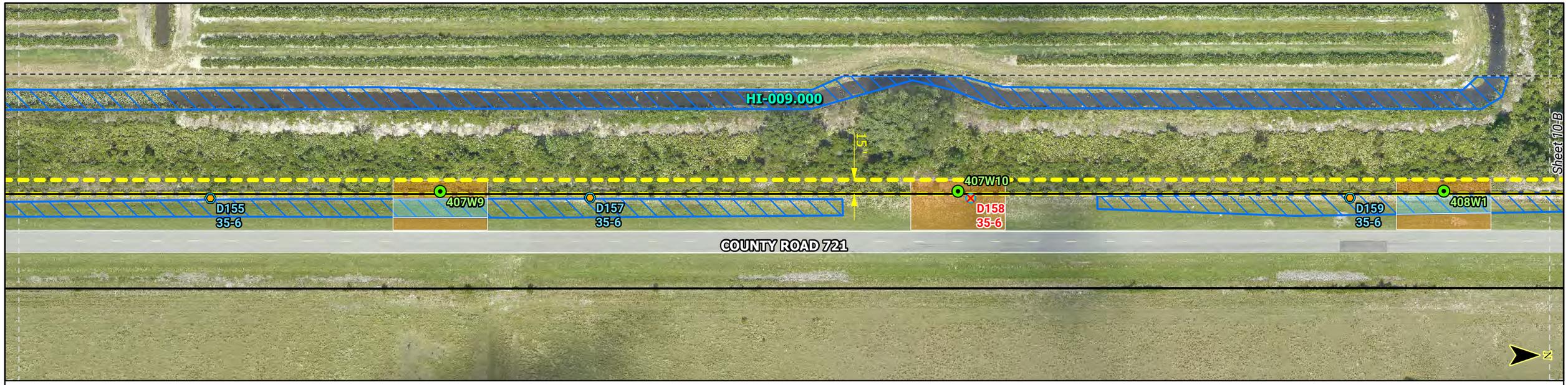

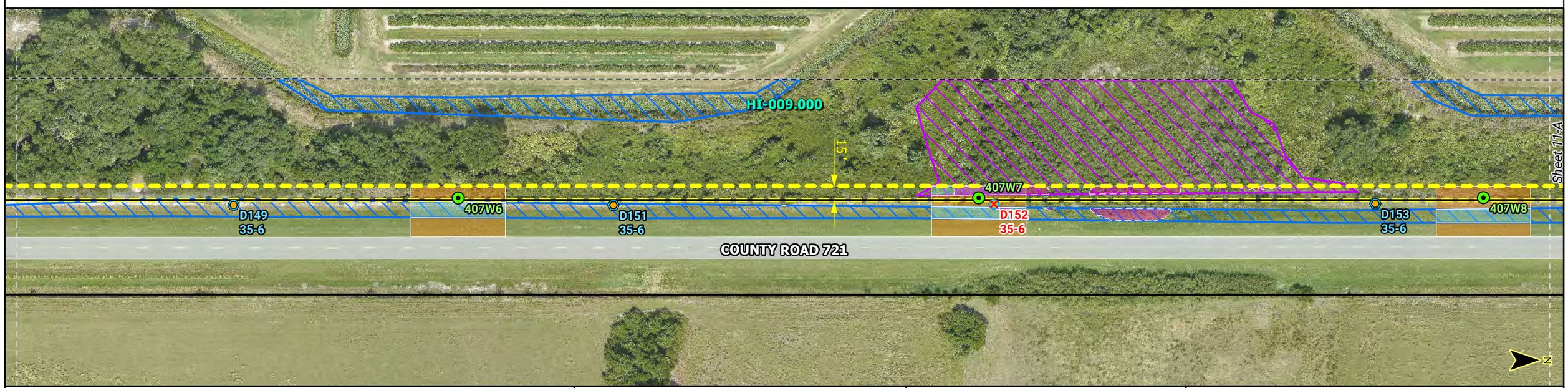

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- FPL Trans. Structure to Remove
- FPL Trans. Structure to Top
- Seminole Trans. Structure to Remain
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- TLSA Corridor Sweatt-Whidden
- Upland Tree Clearing
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- Proposed Upland Matting
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- Wetland
- NWI Wetland
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- Map Sheet Boundary
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NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

SCALE: 1" = 100'
DRAWN BY: ATR
ENGINEER: EW
DATE: 1/19/2024
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
LINE SECTION:	**BASINGER - WATERWAY**
COUNTY:	**HIGHLANDS**
DESCRIPTION:	**SR-70 BASINGER-WATERWAY CIVIL MAP**
IO:	**T33574**
ENGINEER:	**MIKE LEAHY**

SHEET 11 OF 24

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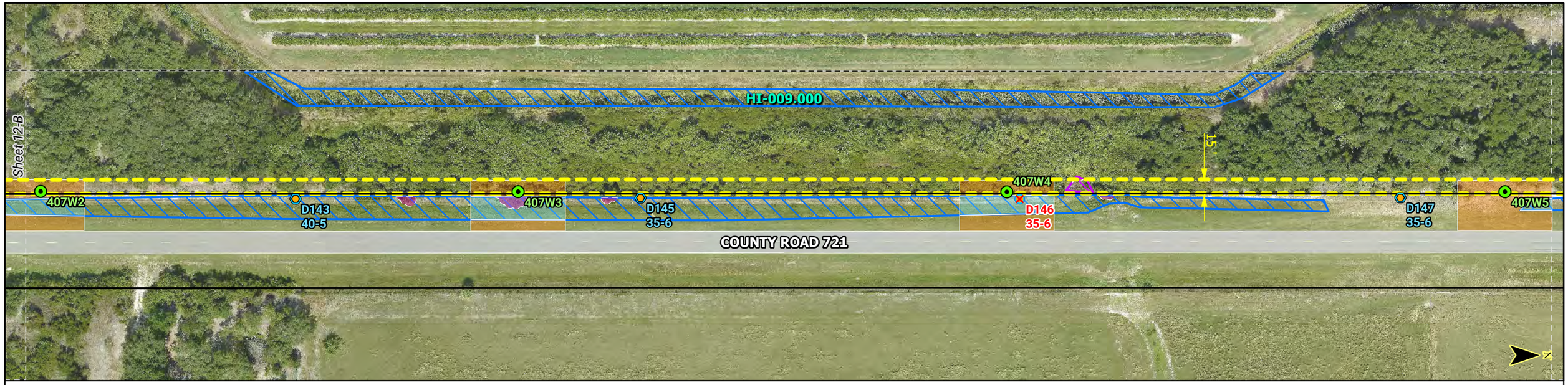

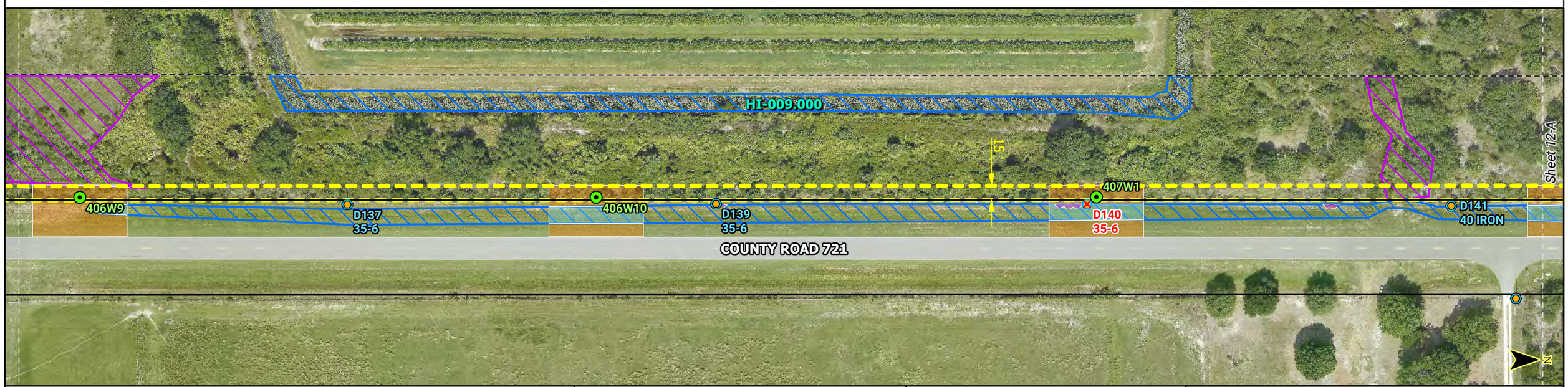

LEGEND

- Proposed Substation
- Existing Glades Substation
- Existing Substation to Decomission
- Proposed Structure
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FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

SCALE: 1" = 100'
DRAWN BY: ATR
ENGINEER: EW
DATE: 1/19/2024
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
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COUNTY:	**HIGHLANDS**
DESCRIPTION:	**SR-70 BASINGER-WATERWAY CIVIL MAP**
IO:	**T33574**
ENGINEER:	**MIKE LEAHY**

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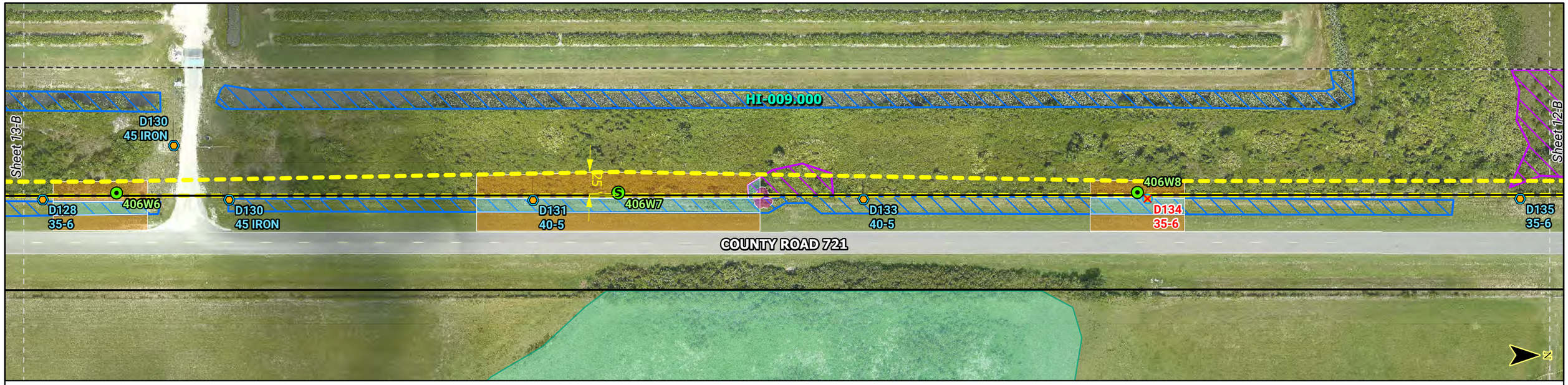

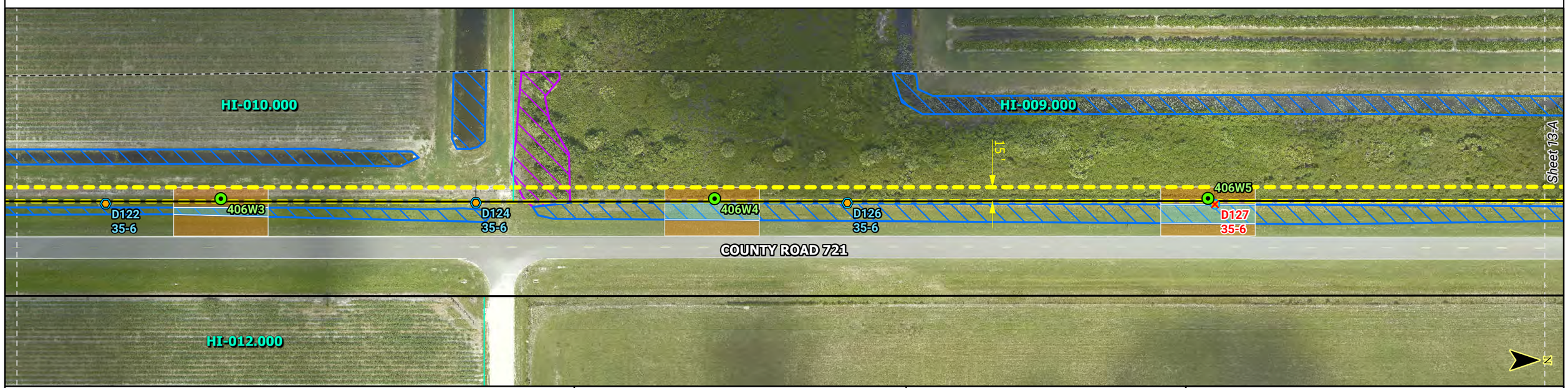

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NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

SCALE: 1" = 100'
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ENGINEER: EW
DATE: 1/19/2024
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
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COUNTY:	**HIGHLANDS**
DESCRIPTION:	**SR-70 BASINGER-WATERWAY CIVIL MAP**
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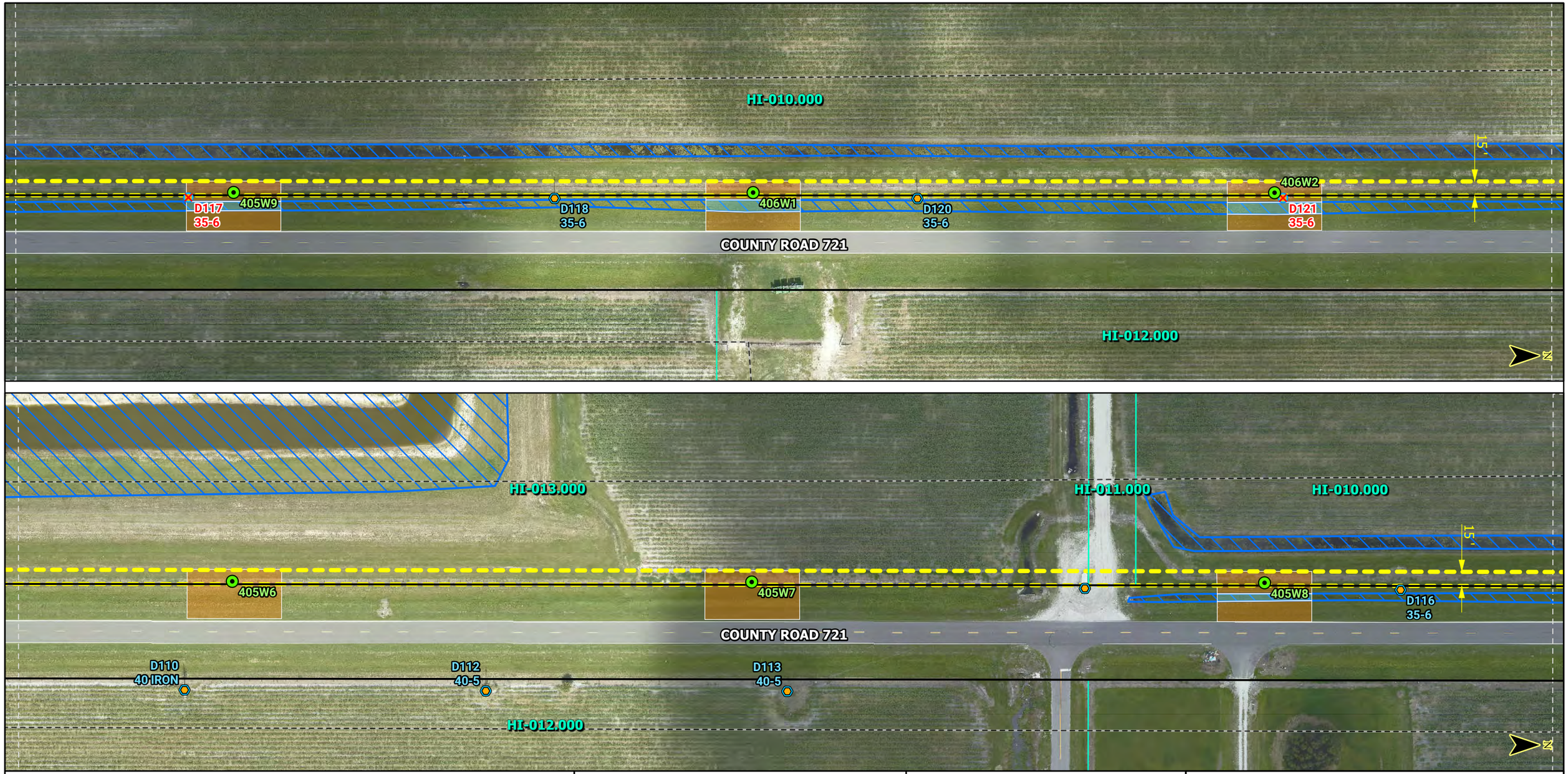

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NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

SCALE: 1" = 100'
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ENGINEER: EW
DATE: 1/19/2024
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SECTION: AS SHOWN

FPL

Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
LINE SECTION:	**BASINGER - WATERWAY**
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ENGINEER:	**MIKE LEAHY**

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NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

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DATE: 1/19/2024
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FPL

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LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
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ENGINEER:	**MIKE LEAHY**

SHEET 15 OF 24

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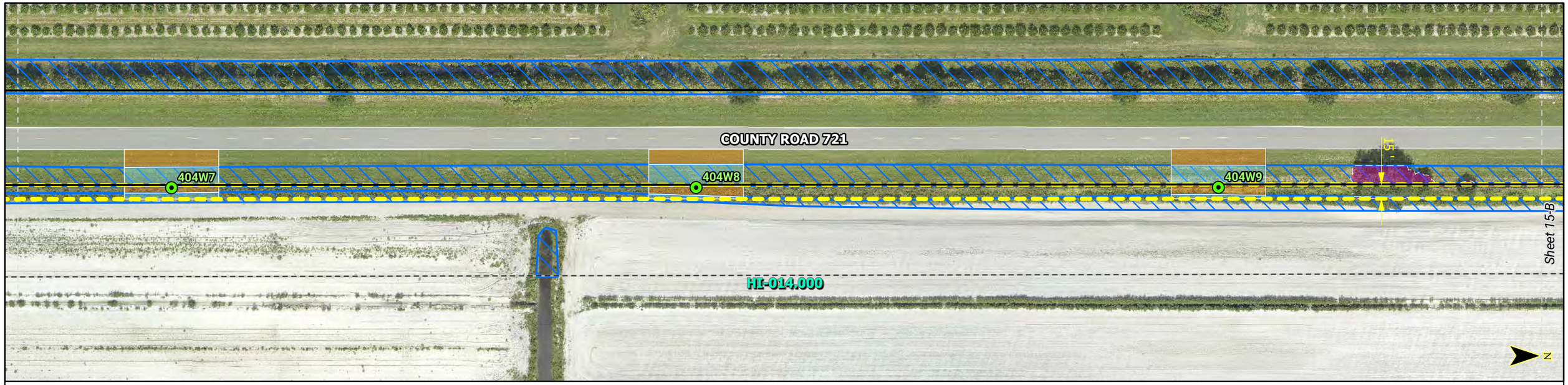

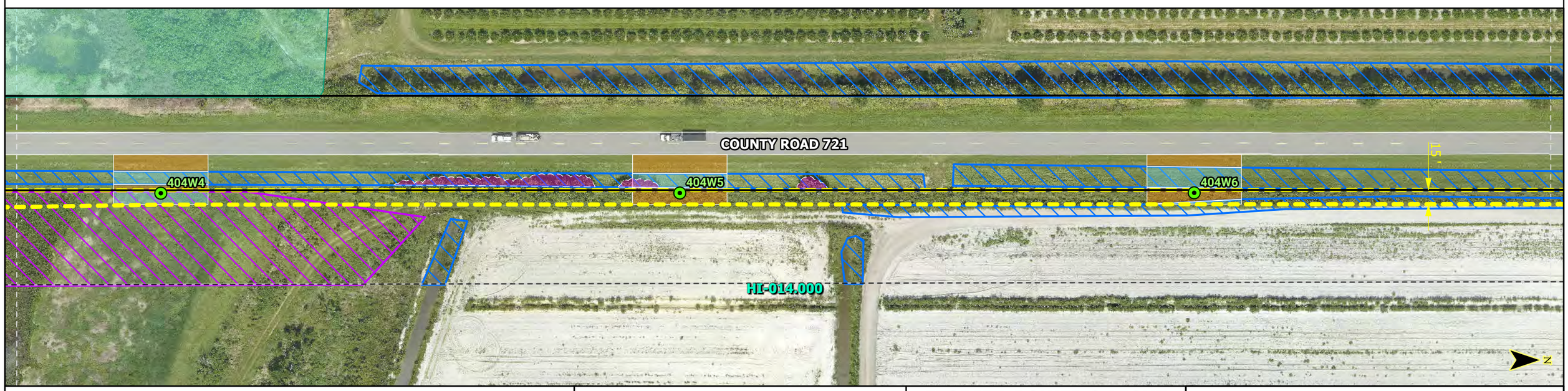

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NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

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FPL

Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
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ENGINEER:	**MIKE LEAHY**

SHEET 16 OF 24

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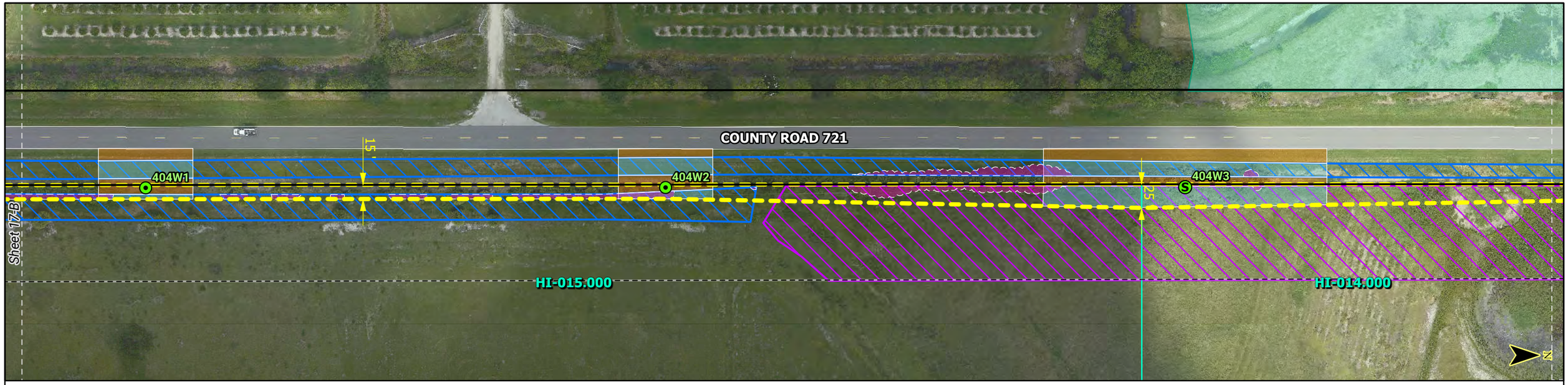

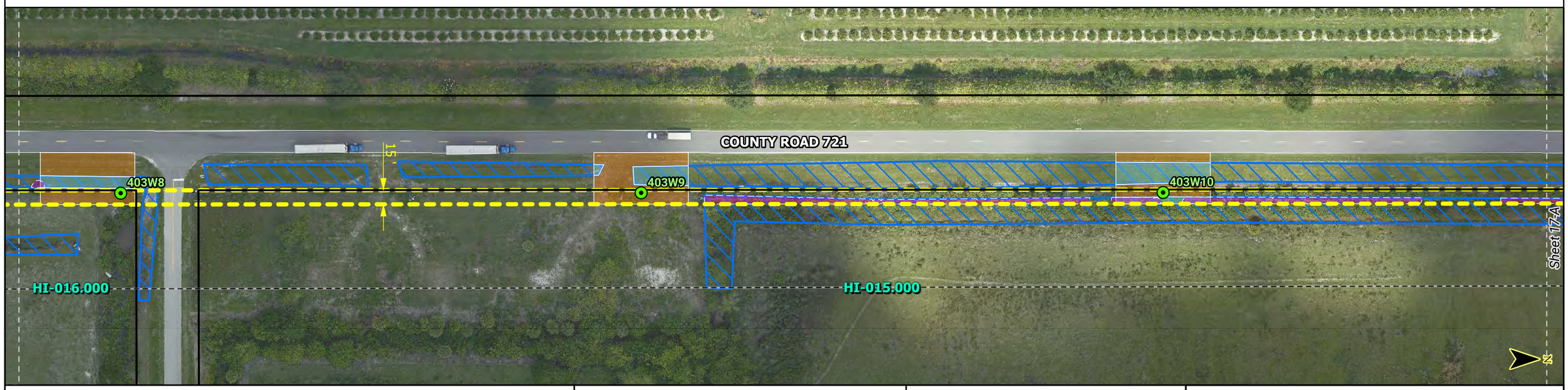

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NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

SCALE: 1" = 100'
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ENGINEER: EW
DATE: 1/19/2024
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SECTION: AS SHOWN

FPL

Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
LINE SECTION:	**BASINGER - WATERWAY**
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ENGINEER:	**MIKE LEAHY**

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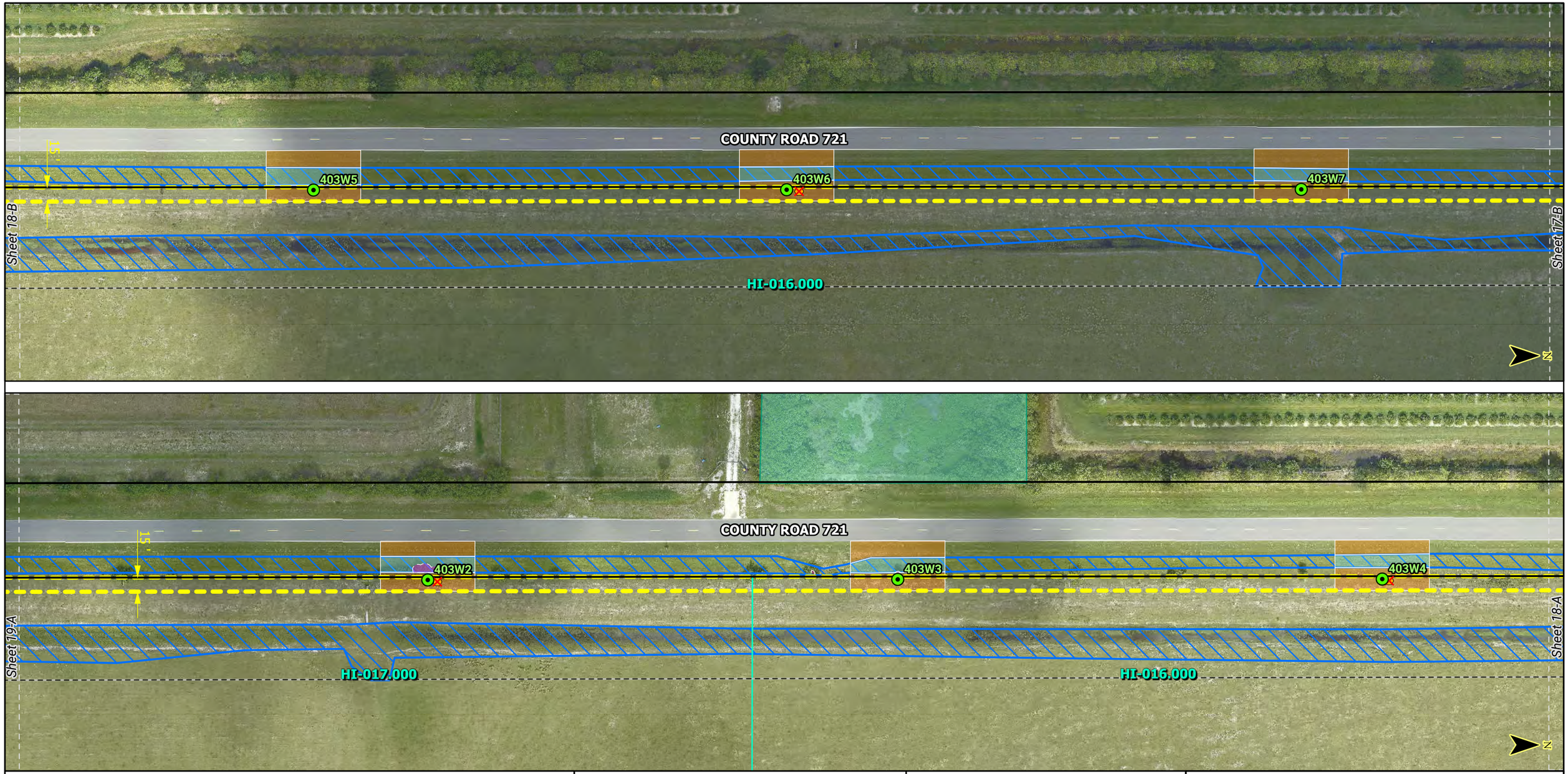

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NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

SCALE: 1" = 100'
DRAWN BY: ATR
ENGINEER: EW
DATE: 1/19/2024
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
LINE SECTION:	**BASINGER - WATERWAY**
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IO:	**T33574**
ENGINEER:	**MIKE LEAHY**

SHEET 18 OF 24

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NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

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Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
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FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

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FPL

Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
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ENGINEER:	**MIKE LEAHY**

SHEET 20 OF 24

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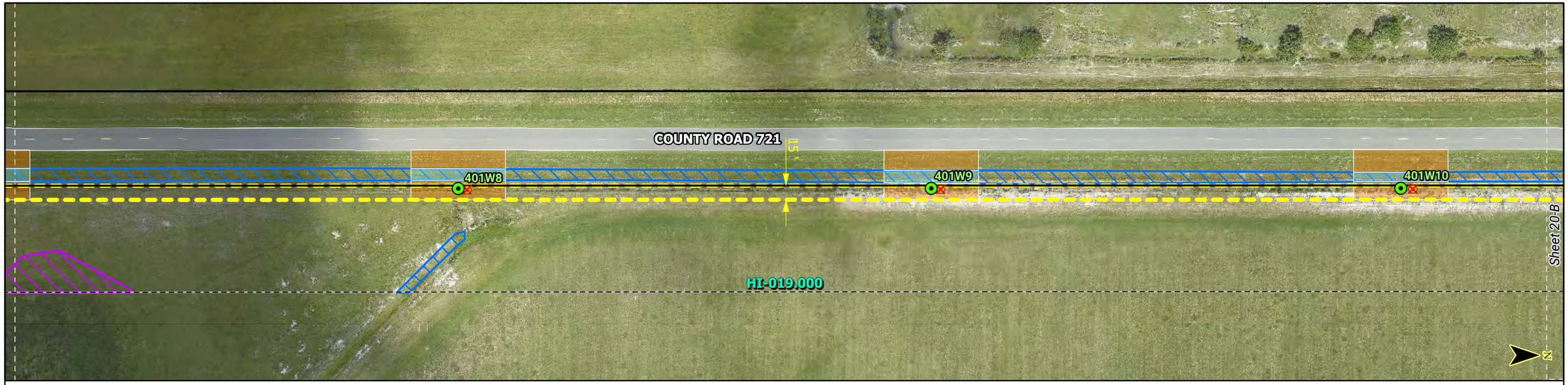

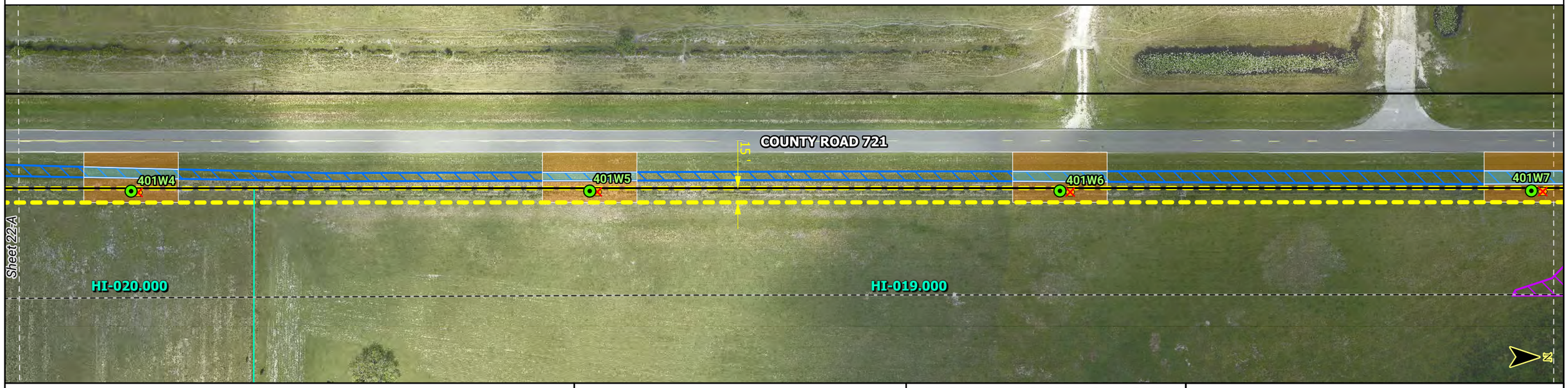

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NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

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ENGINEER: EW
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FPL

Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
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SHEET 21 OF 24

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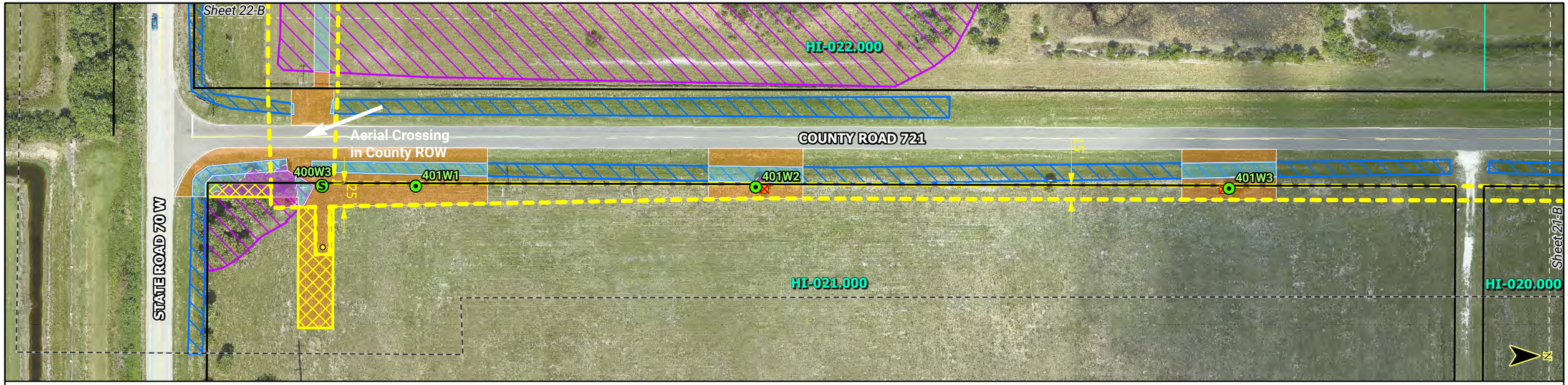

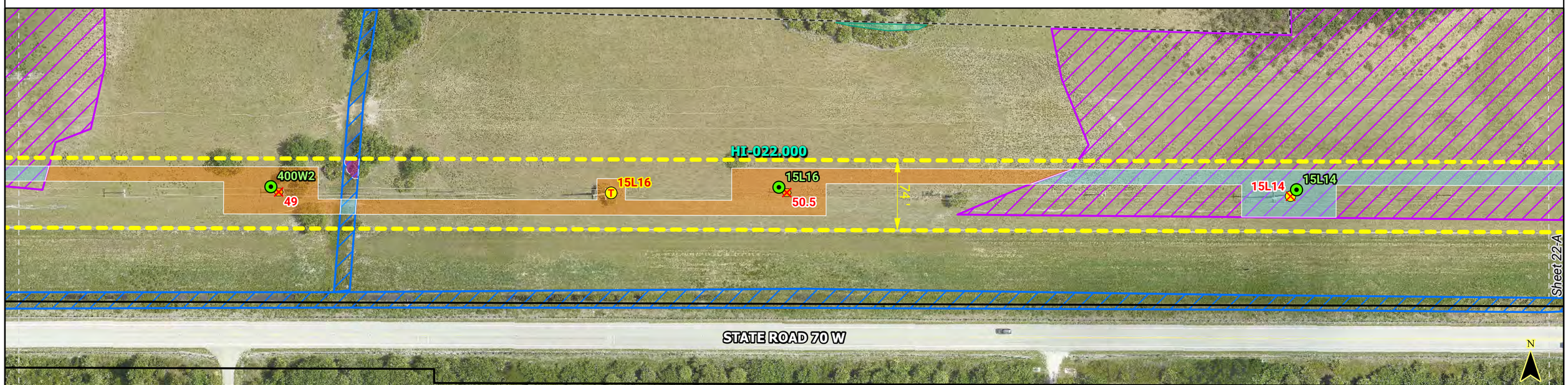

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FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

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CHECKED BY: BJW
SECTION: AS SHOWN

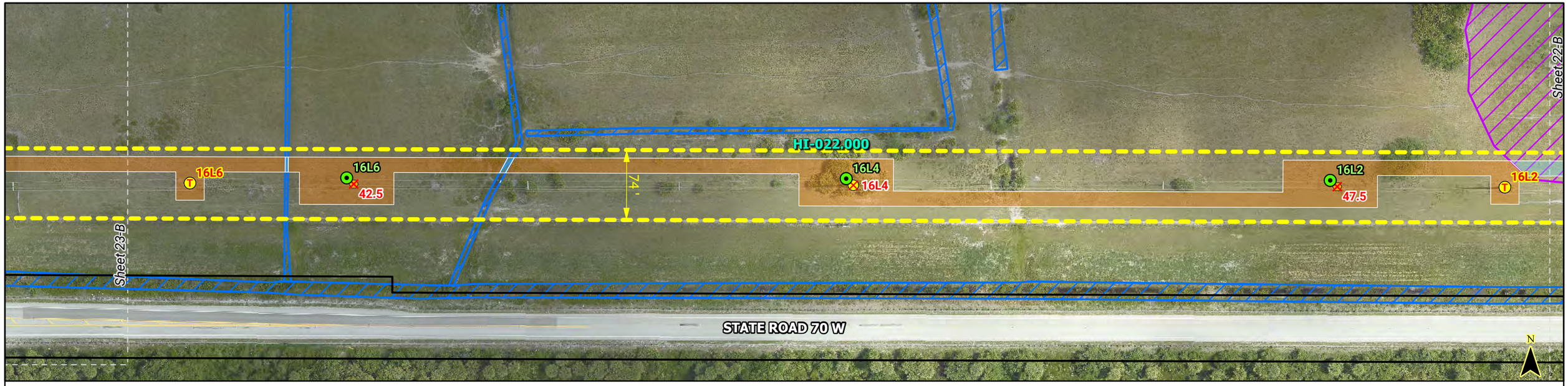
FPL

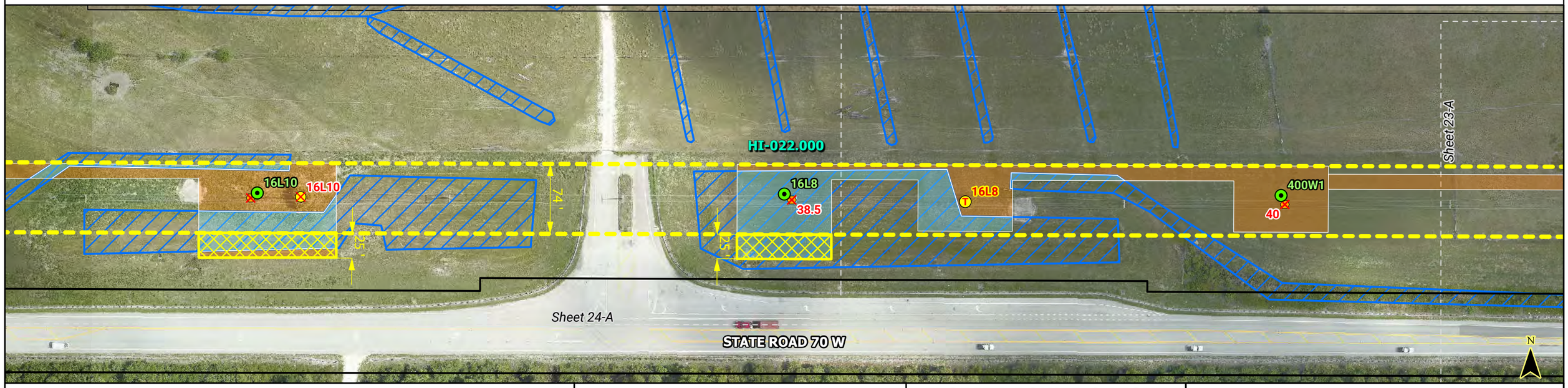
Segment 2: Basinger-Waterway Map Series

LINE NAME:	**SWEATT - WHIDDEN 230KV LINE**
LINE SECTION:	**BASINGER - WATERWAY**
COUNTY:	**HIGHLANDS**
DESCRIPTION:	**SR-70 BASINGER-WATERWAY CIVIL MAP**
IO:	**T33574**
ENGINEER:	**MIKE LEAHY**

SHEET 22 OF 24

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





LEGEND

- Proposed Substation
- Existing Glades Substation
- Existing Substation to Decomission
- Proposed Structure
- Proposed Inline Dead-End Structure
- Proposed Anchor Pile
- FPL Trans. Structure to Remove
- FPL Trans. Structure to Top
- Seminole Trans. Structure to Remain
- Seminole Trans. Structure to Remove
- Seminole Trans. Structure to Top
- Existing Dist. Structure
- FPL Proposed Dist. Structure
- FPL Removal Dist. Structure
- GEC Existing Dist. Structure
- GEC Removal Dist. Structure
- Road ROW
- Project Access
- Project ROW
- TLSA Corridor Sweatt-Whidden
- Upland Tree Clearing
- Wetland Tree Clearing
- Proposed Upland Matting
- Proposed Wetland Matting
- Surface Water
- Wetland
- NWI Wetland
- NWI Surface Water
- Map Sheet Boundary
- Project Parcel
- County Boundary

NOTES:

FLORIDA POWER & LIGHT COMPANY

SWEATT-WHIDDEN TLSA PROJECT, TA22-19 CIVIL DRAWINGS

SCALE: 1" = 100'
DRAWN BY: ATR
ENGINEER: EW
DATE: 1/19/2024
CHECKED BY: BJW
SECTION: AS SHOWN

FPL

Segment 2: Basinger-Waterway Map Series

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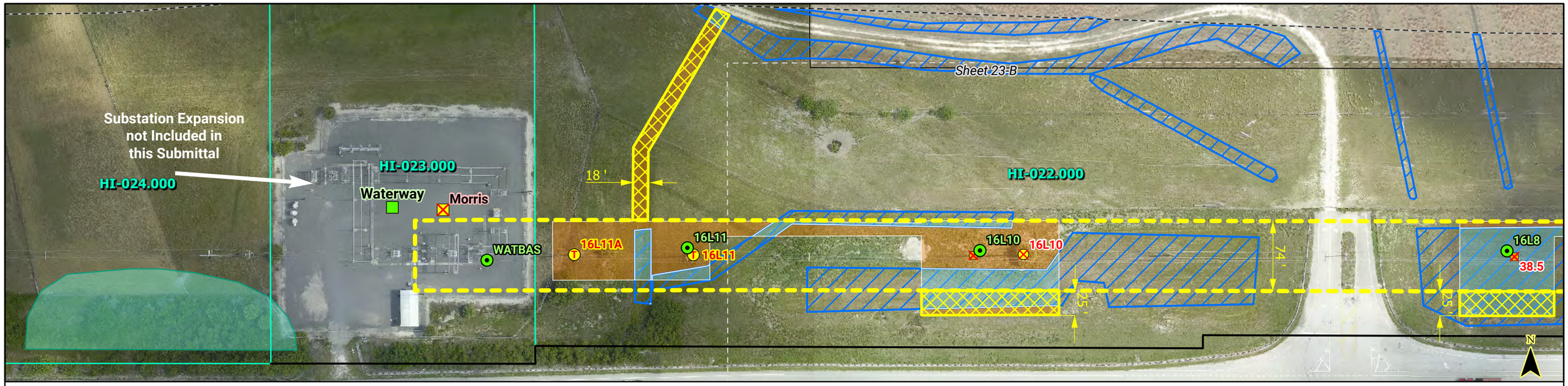

LEGEND

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- Existing Substation to Decomission
- Proposed Structure
- Proposed Inline Dead-End Structure
- Proposed Anchor Pile
- FPL Trans. Structure to Remove
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FLORIDA POWER & LIGHT COMPANY

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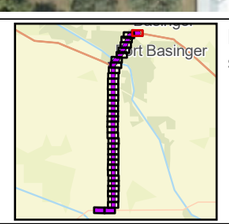
Attachment 17 – Wetland Impacts Map

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
- Temp Impact
- Field Delineated Surface Water
- Field Delineated Wetland
- NHD Flowline
- NWI: Freshwater Forested/Shrub Wetland

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



Note: Expansions or modifications of substations are to be permitted separately.

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 1 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
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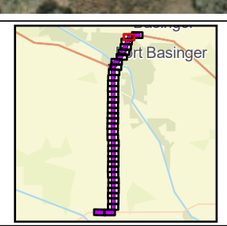

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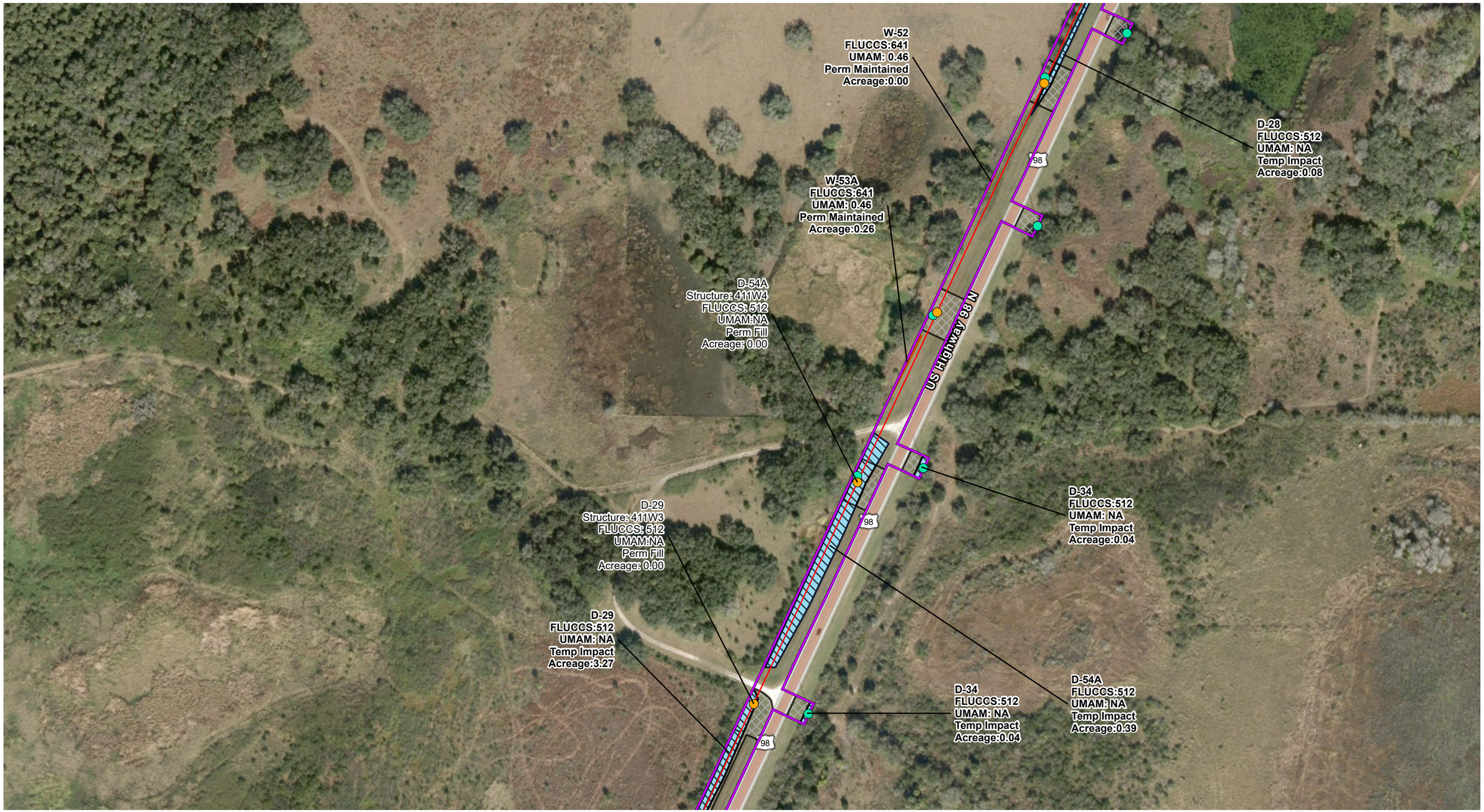
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 2 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



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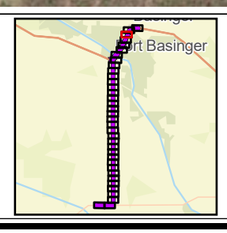

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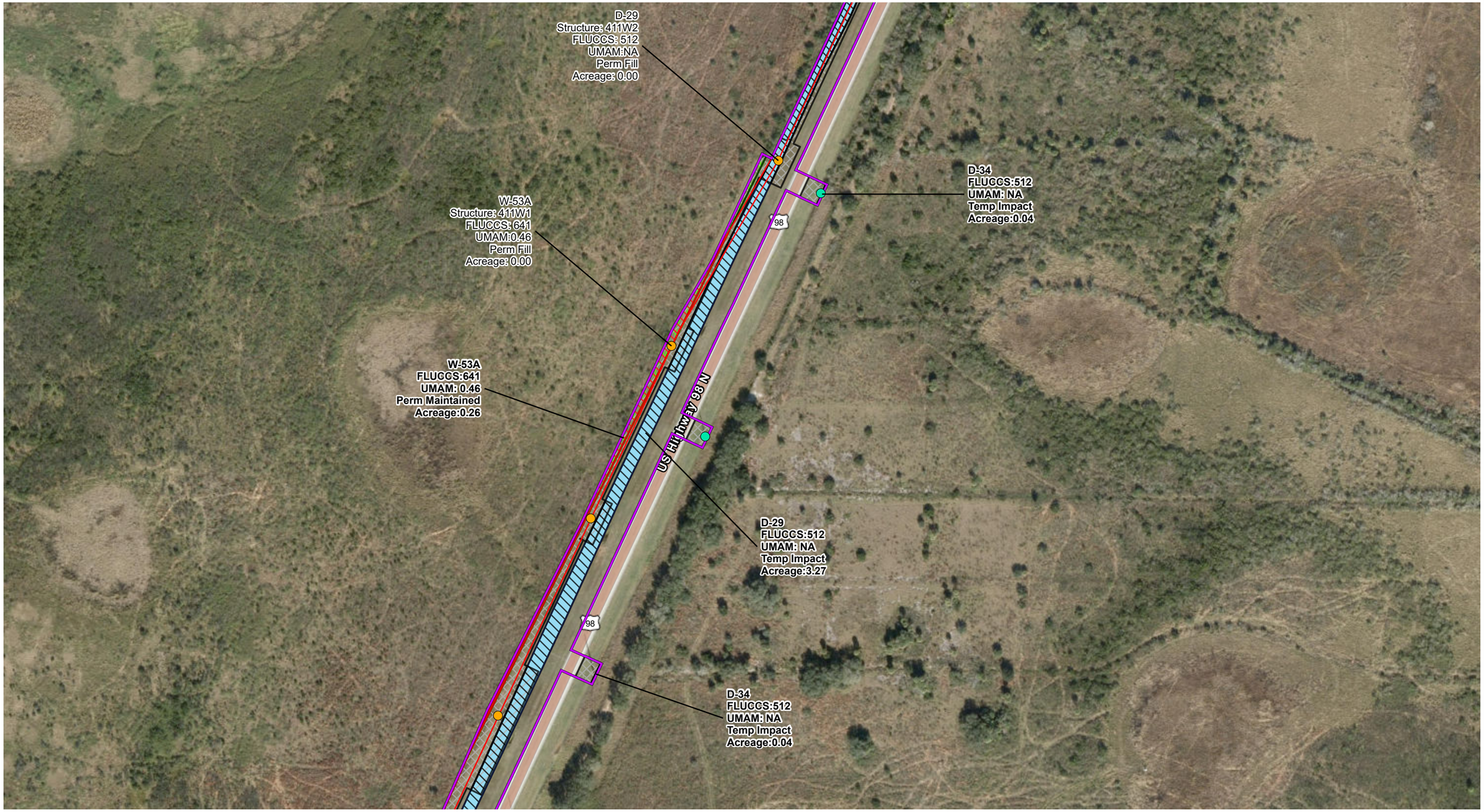
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 3 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



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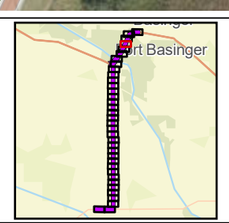

N

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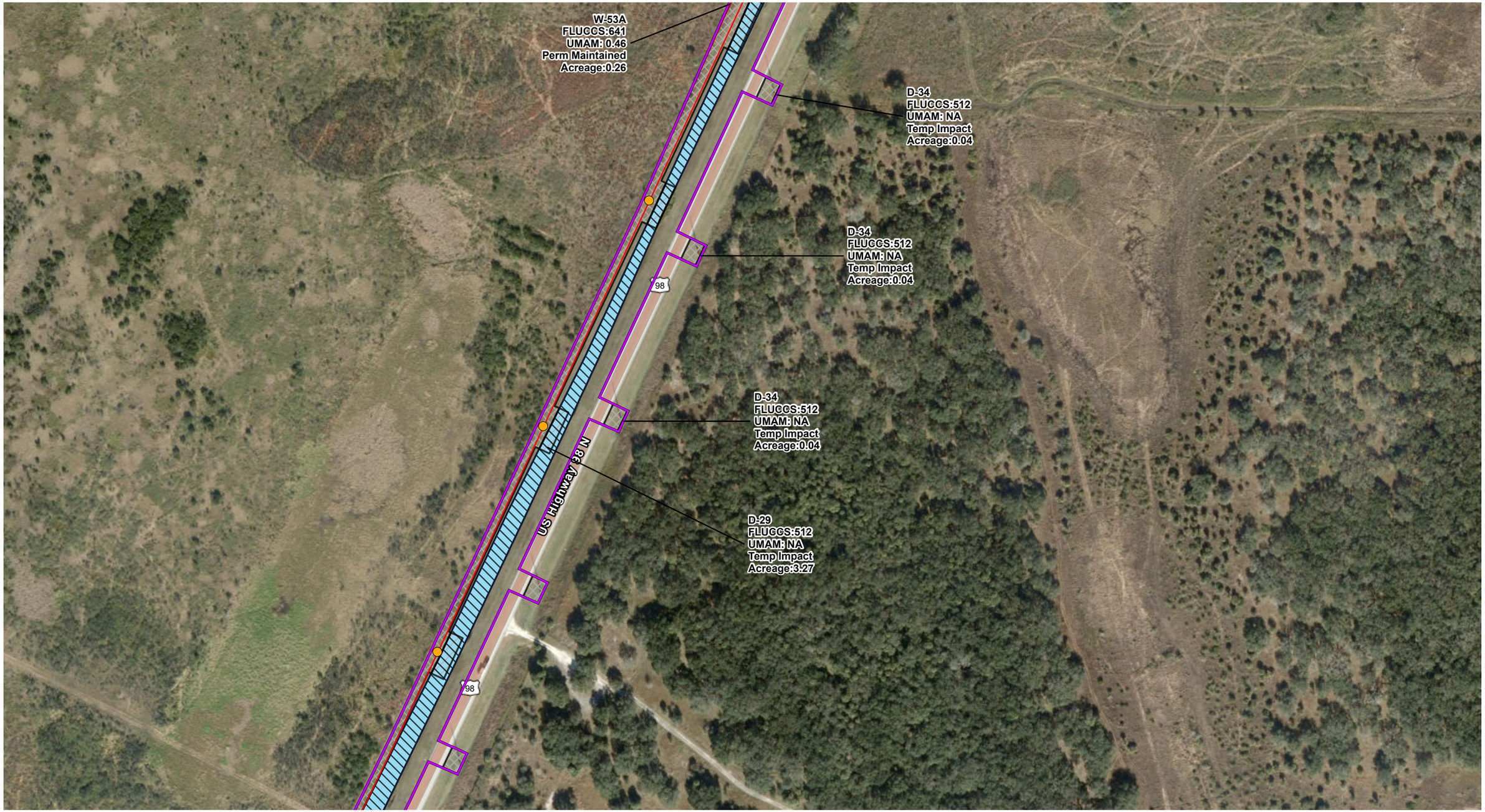
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 4 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



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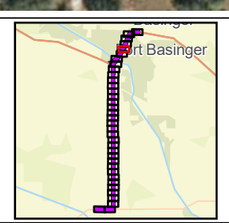

N

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Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 5 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

D-29
FLUCCS:512
UMAM: NA
Temp Impact
Acreage:3.27

D-30
FLUCCS:512
UMAM: NA
Temp Impact
Acreage:1.40

D-32
FLUCCS:512
UMAM: NA
Temp Impact
Acreage:0.94

US Highway 98 N

98

Legend

- Existing Structure
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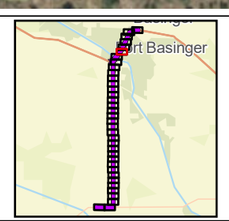

N

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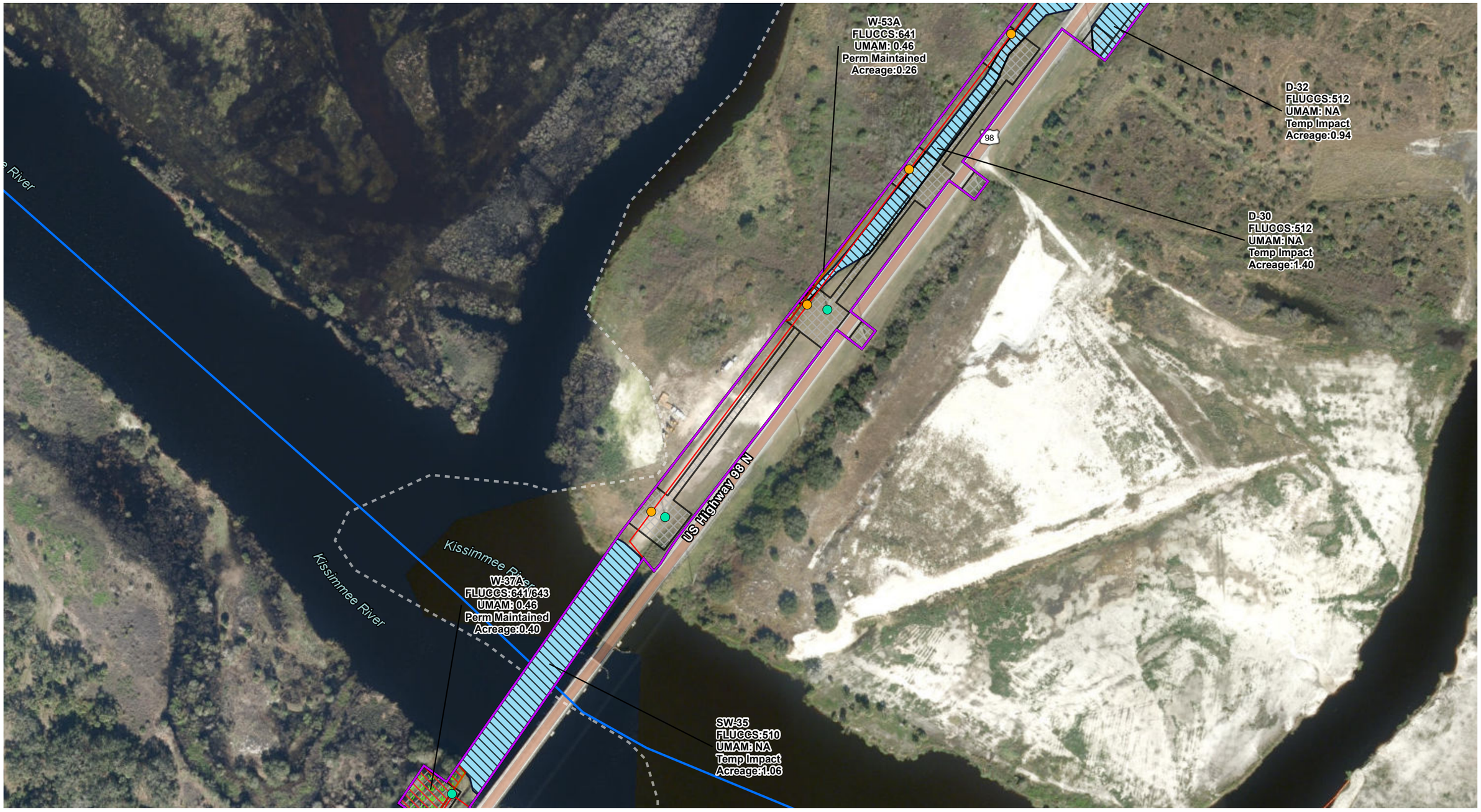
Feet

Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 6 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



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N

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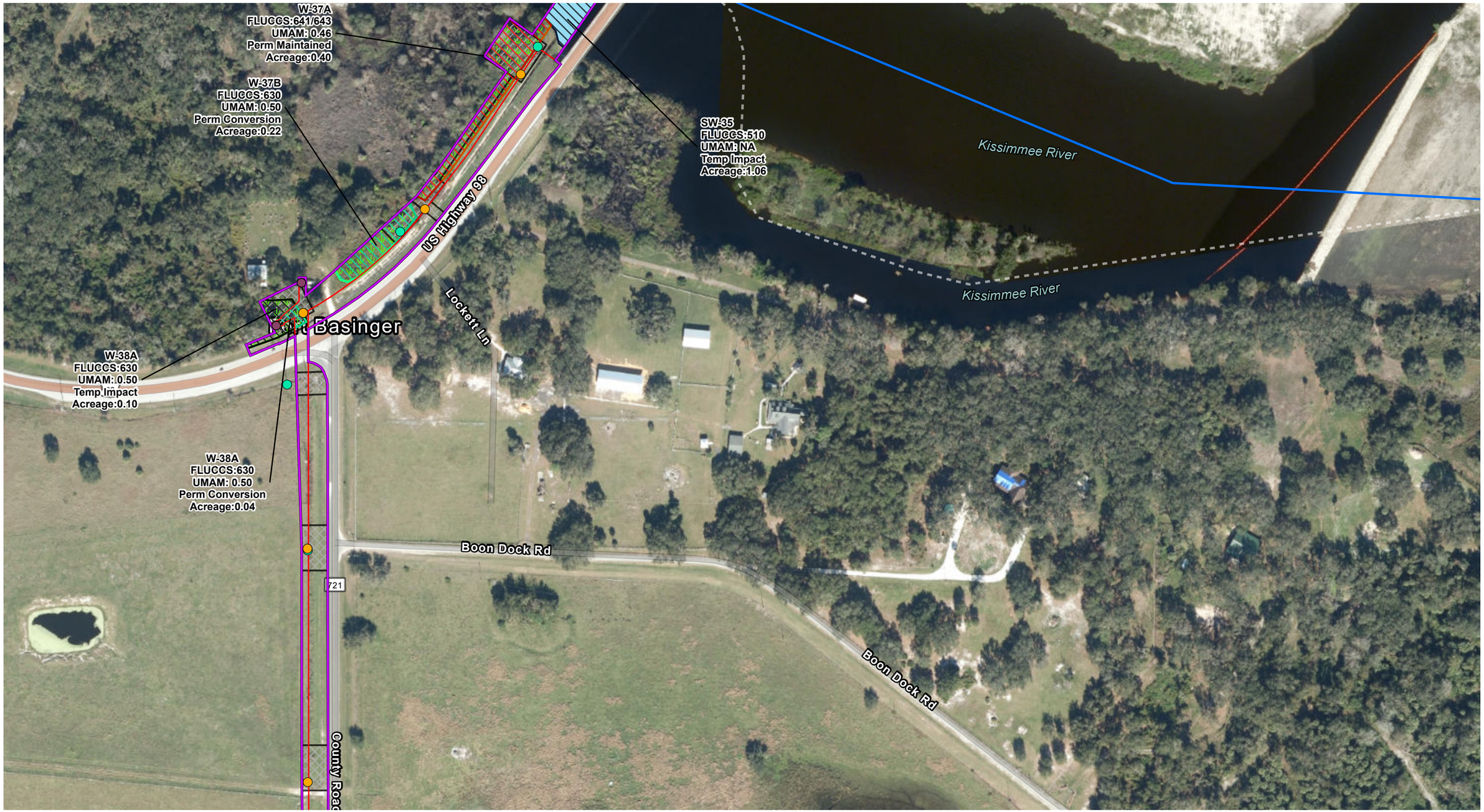
Attachment 17 - Page 7 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



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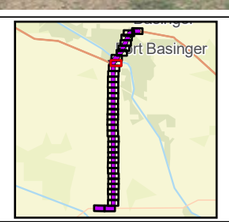

N

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Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 8 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

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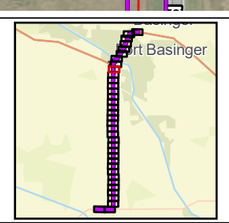

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 9 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

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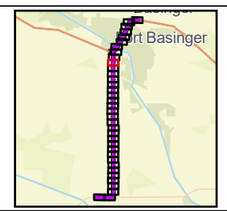

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 10 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

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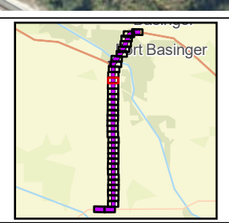


N

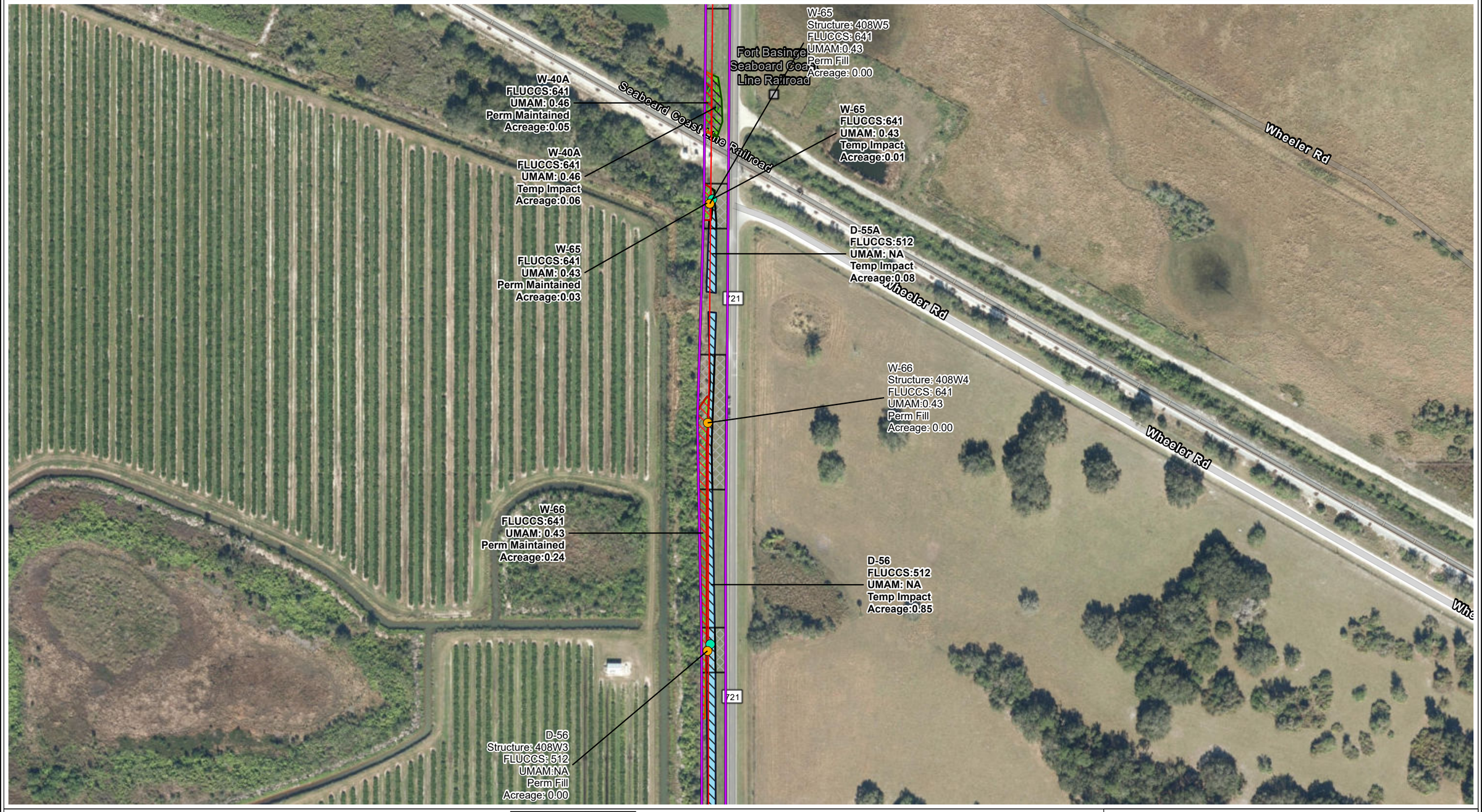
0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 11 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



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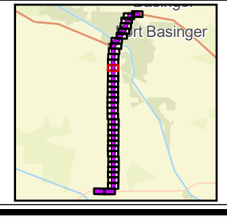

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 12 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
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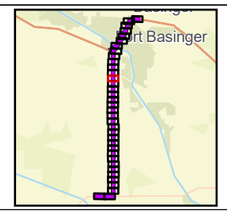

N

0 200 400
Feet

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Attachment 17 - Page 13 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

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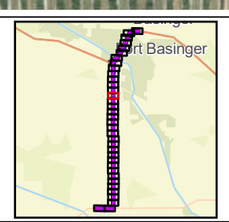


N

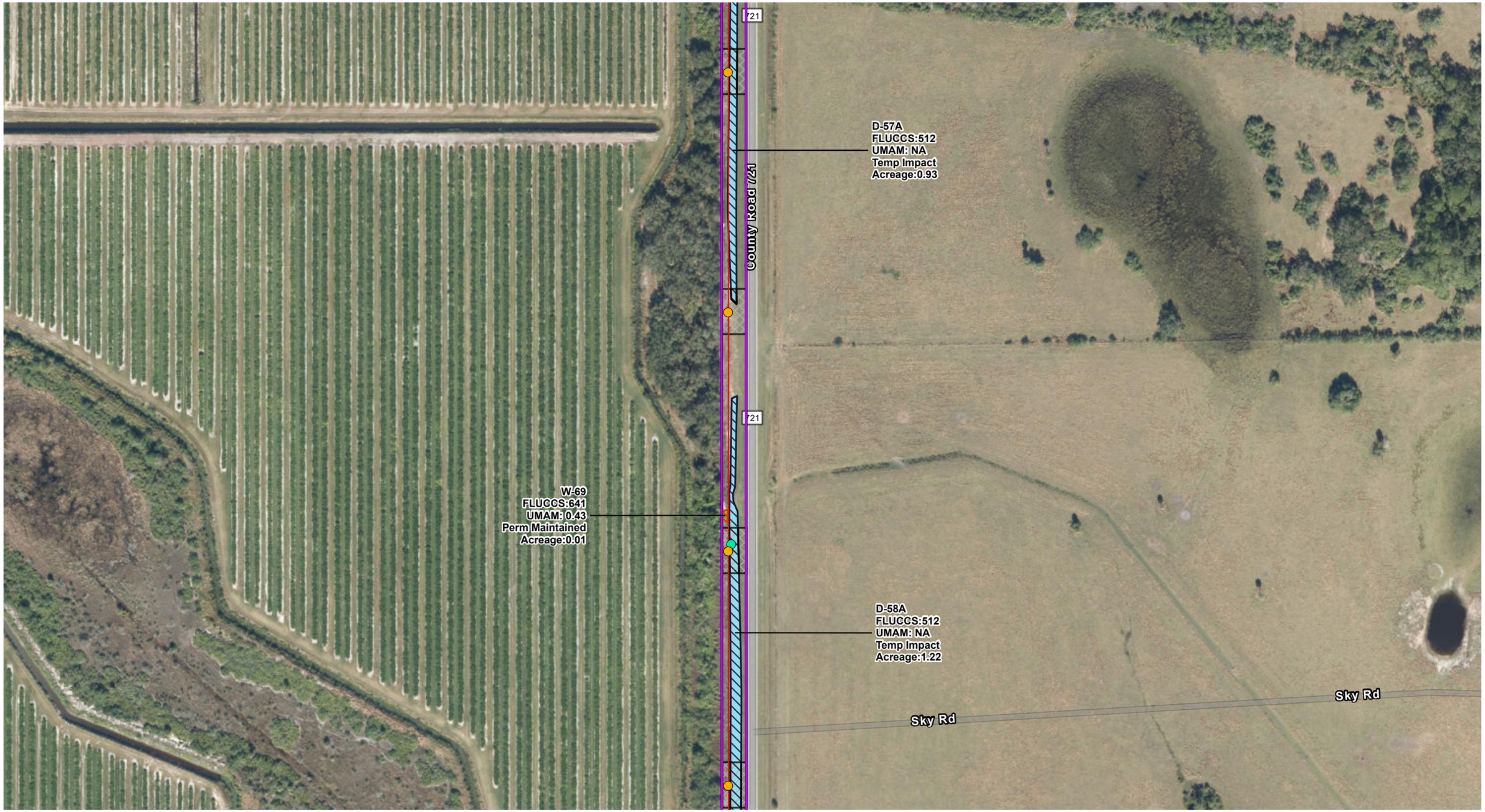
0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 14 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

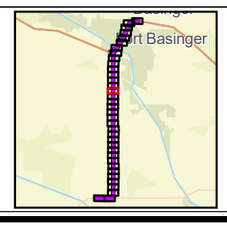
ECT



Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
- Temp Impact
- Field Delineated Surface Water
- Field Delineated Wetland
- NHD Flowline
- NWI: Freshwater Forested/Shrub Wetland

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, 2024.

Attachment 17 - Page 15 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
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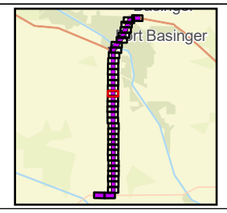

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Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 16 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
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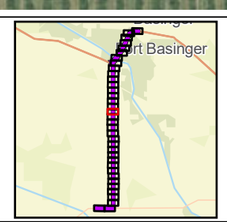

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Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 17 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

D-59A
FLUCCS:512
UMAM: NA
Temp Impact
Acreage:0.47

721

County Road 721

D-60A
FLUCCS:512
UMAM: NA
Temp Impact
Acreage:0.51

721

W-73
FLUCCS:641
UMAM: 0.43
Temp Impact
Acreage:0.00

D-3B
FLUCCS:512
UMAM: NA
Temp Impact
Acreage:0.59

Underhill Rd

Pitman

W-73
FLUCCS:641
UMAM: 0.43
Perm Maintained
Acreage:0.02

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
- Temp Matting
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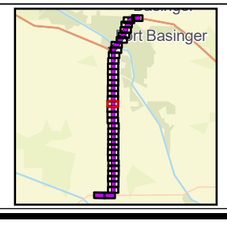

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Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 18 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
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- Basinger-Waterway Project Footprint
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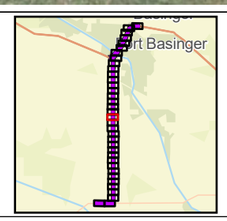

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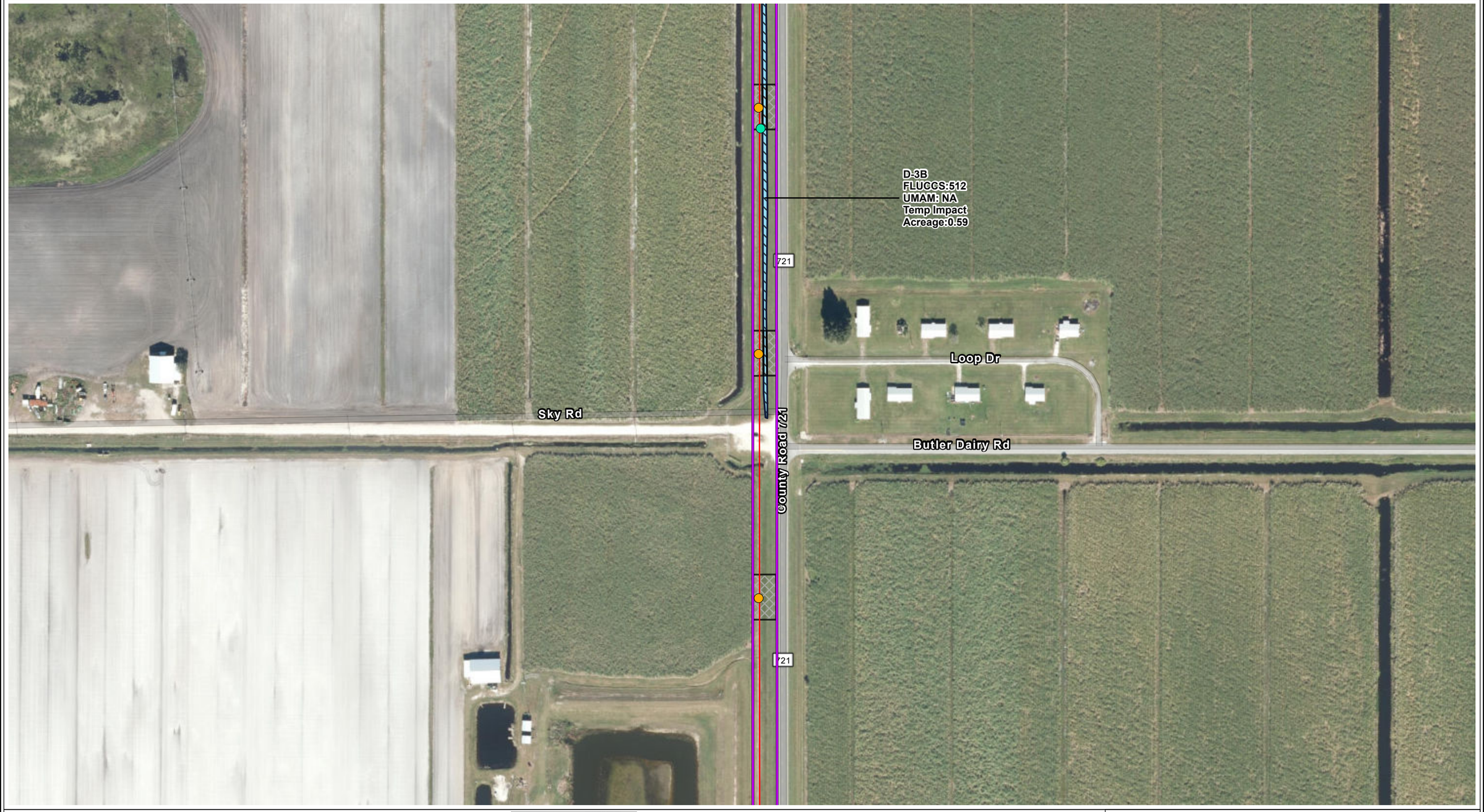
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 19 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
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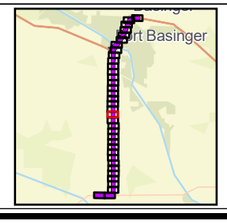

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0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 20 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
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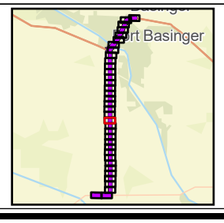

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 21 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
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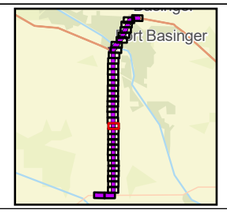

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 22 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
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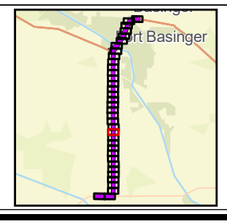

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 23 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
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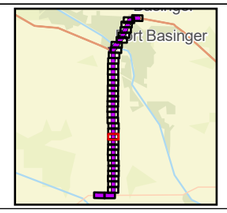

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 24 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
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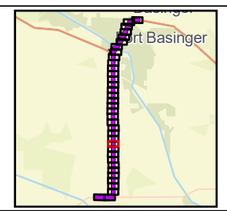


N

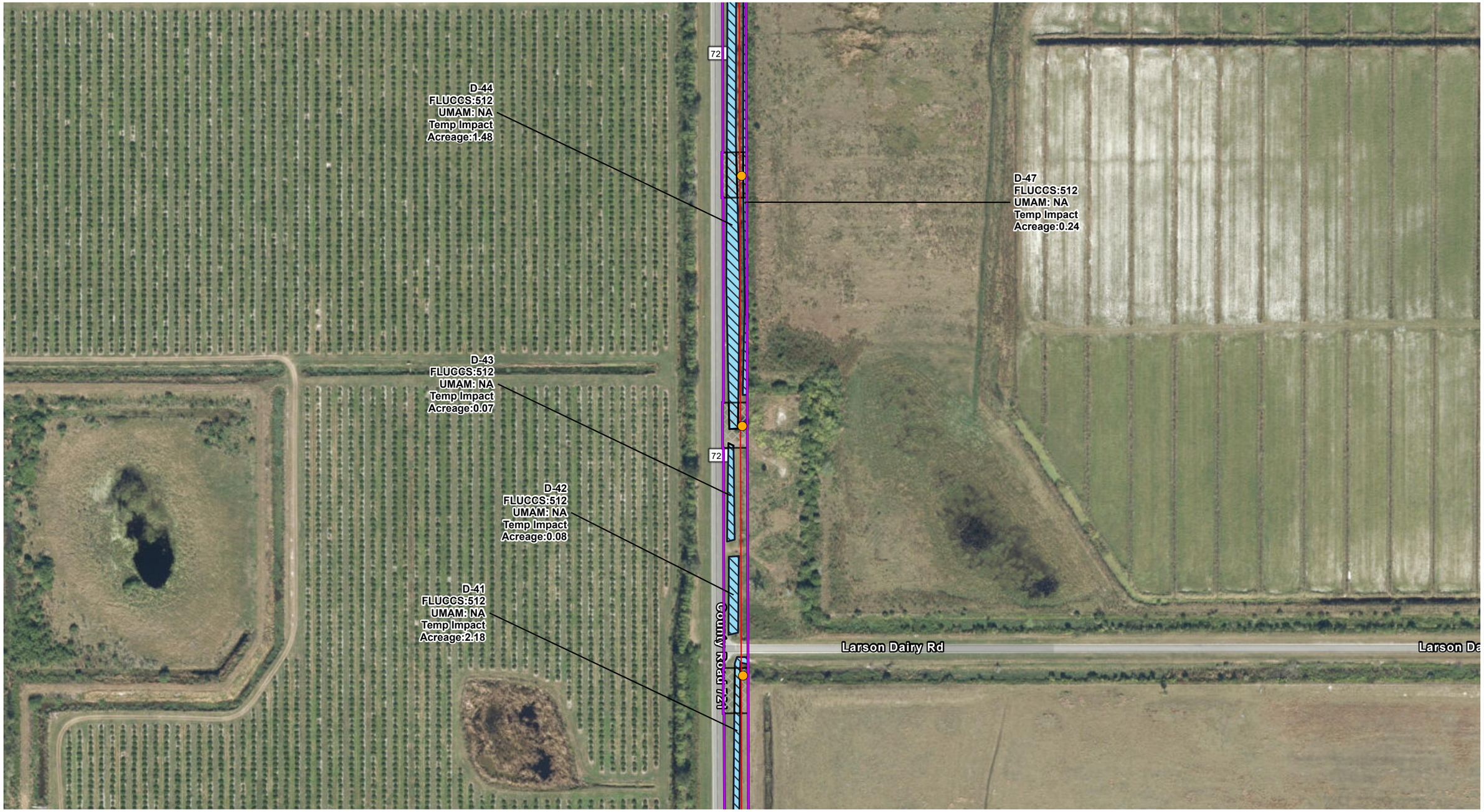
0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 25 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
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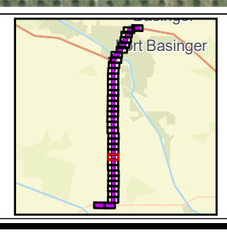

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 26 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
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- Field Delineated Wetland
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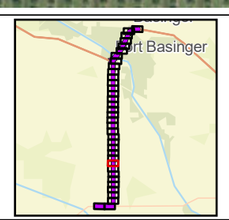

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 27 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
- Temp Impact
- Field Delineated Surface Water
- Field Delineated Wetland
- NHD Flowline
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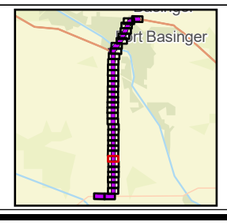

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 28 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
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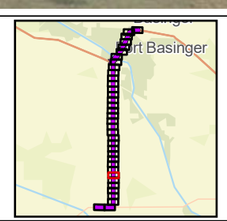


N

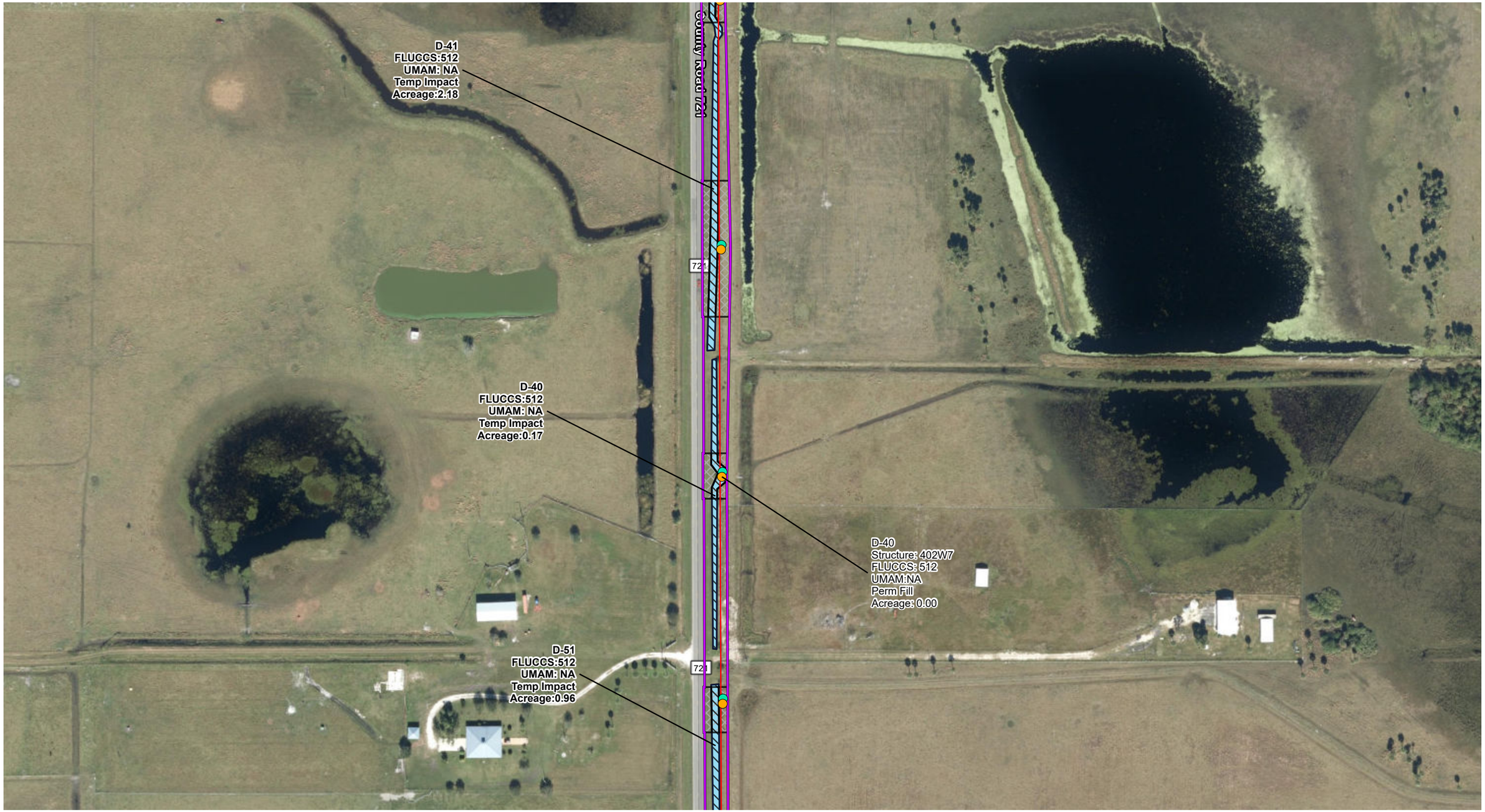
0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 29 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
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- Basinger-Waterway Project Footprint
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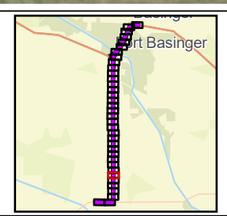


N

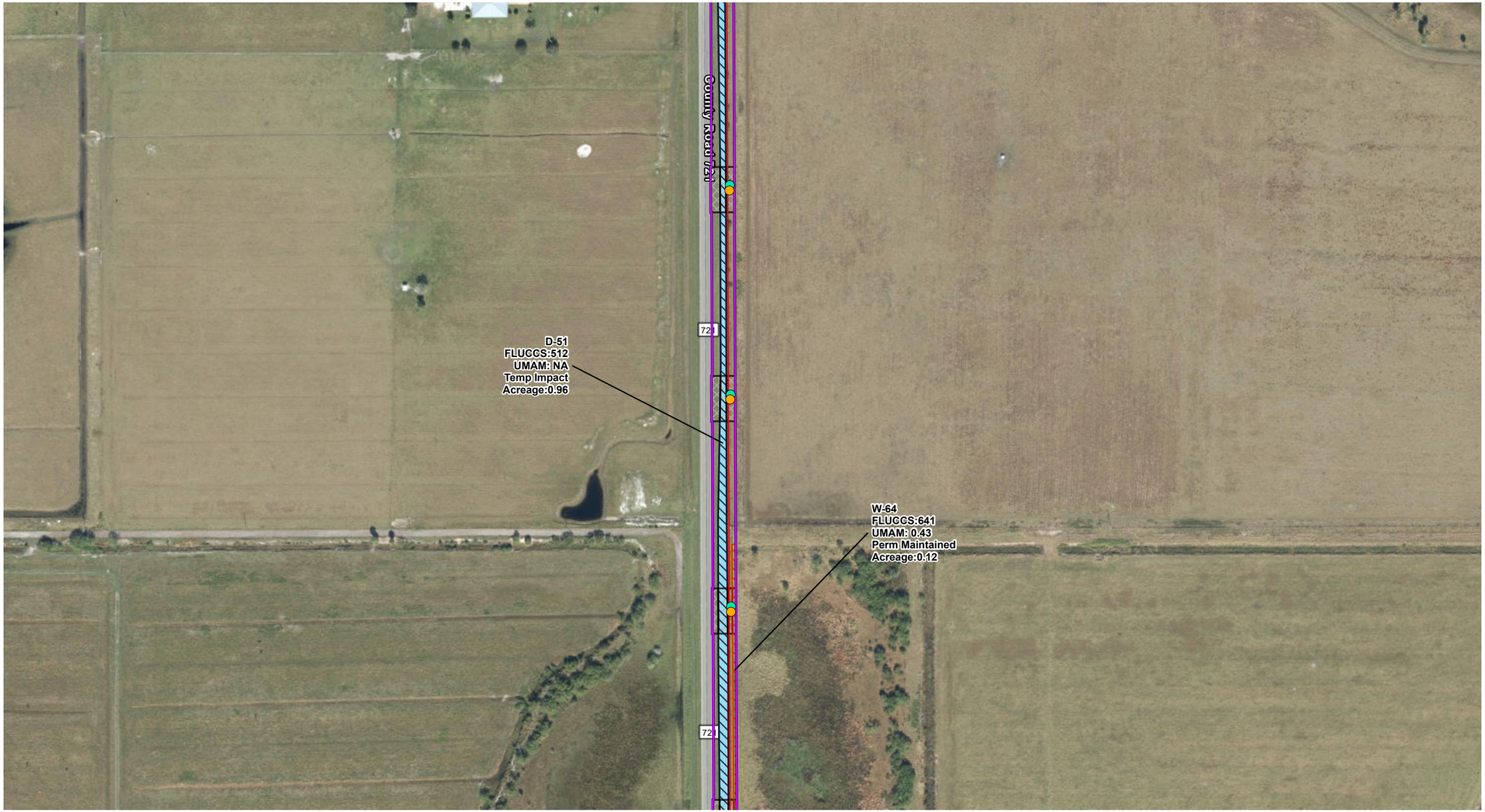
0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 30 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
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- Basinger-Waterway Project Footprint
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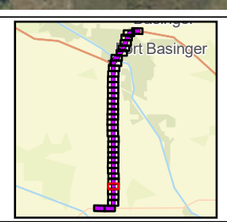

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 31 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT

D-51
FLUCCS:512
UMAM: NA
Temp Impact
Acreage:0.96

W-64
FLUCCS:641
UMAM: 0.43
Perm Maintained
Acreage:0.12

County Road 721

721

D-50
FLUCCS:512
UMAM: NA
Temp Impact
Acreage:1.14

721

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
- Temp Matting
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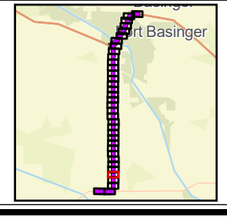


N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022;
FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 32 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

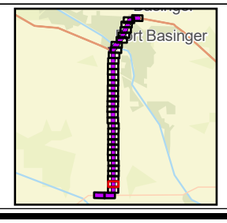
Okeechobee & Highland Counties, Florida

ECT

Legend

- Existing Structure
- Proposed Structure
- Existing Structures to be Removed
- Guy Anchor
- Substation
- Basinger-Waterway Narrowed Corridor
- Basinger-Waterway Project Footprint
- Temp Matting
- Perm Conversion
- Perm Maintained
- Temp Impact
- Field Delineated Surface Water
- Field Delineated Wetland
- NHD Flowline
- NWI: Freshwater Forested/Shrub Wetland

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, 2024.

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Segment 2: Basinger - Waterway
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Okeechobee & Highland Counties, Florida

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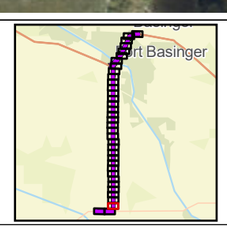

N

0 200 400
Feet

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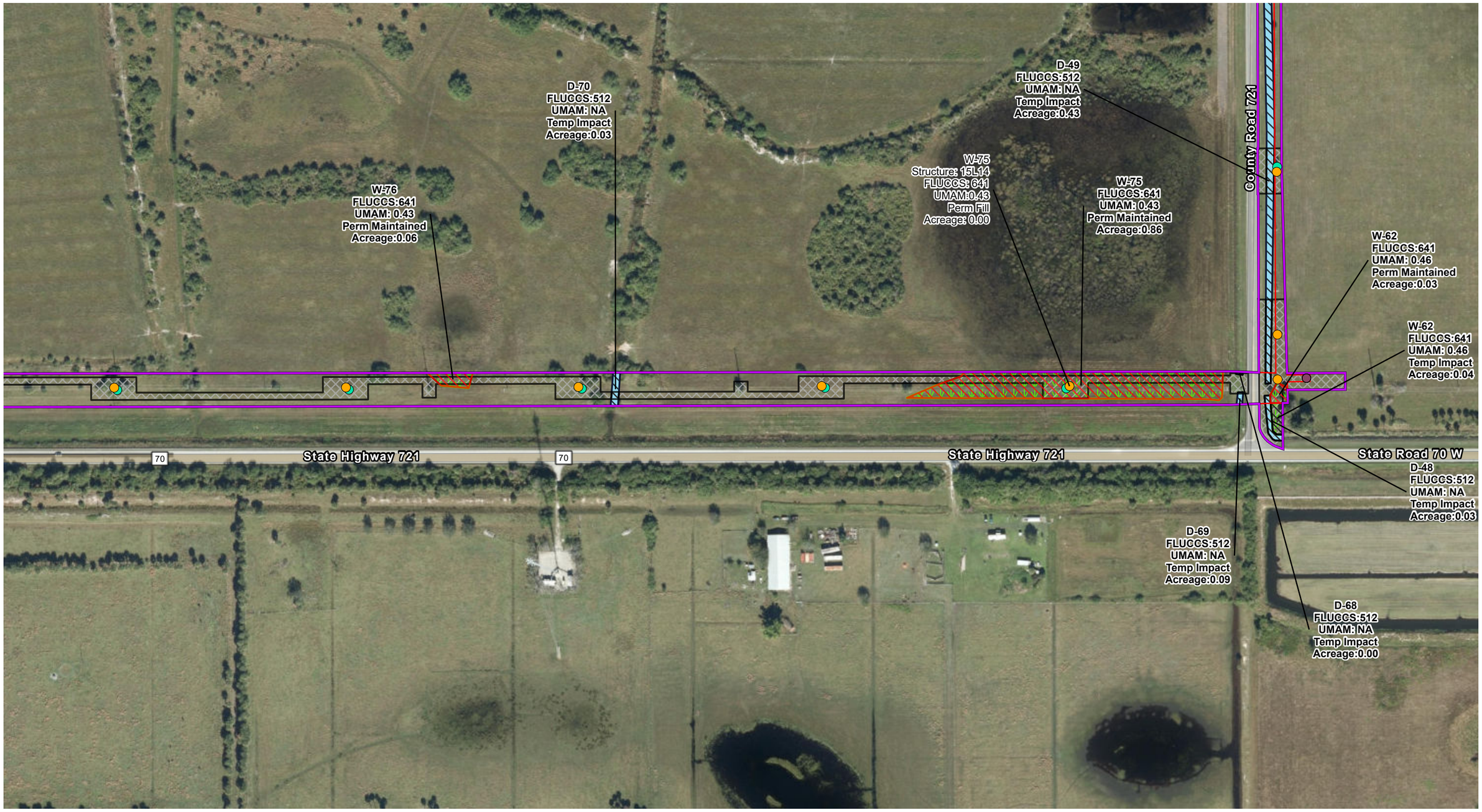
Attachment 17 - Page 34 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



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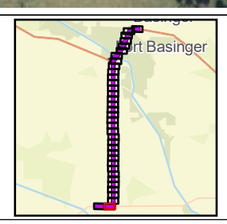


N

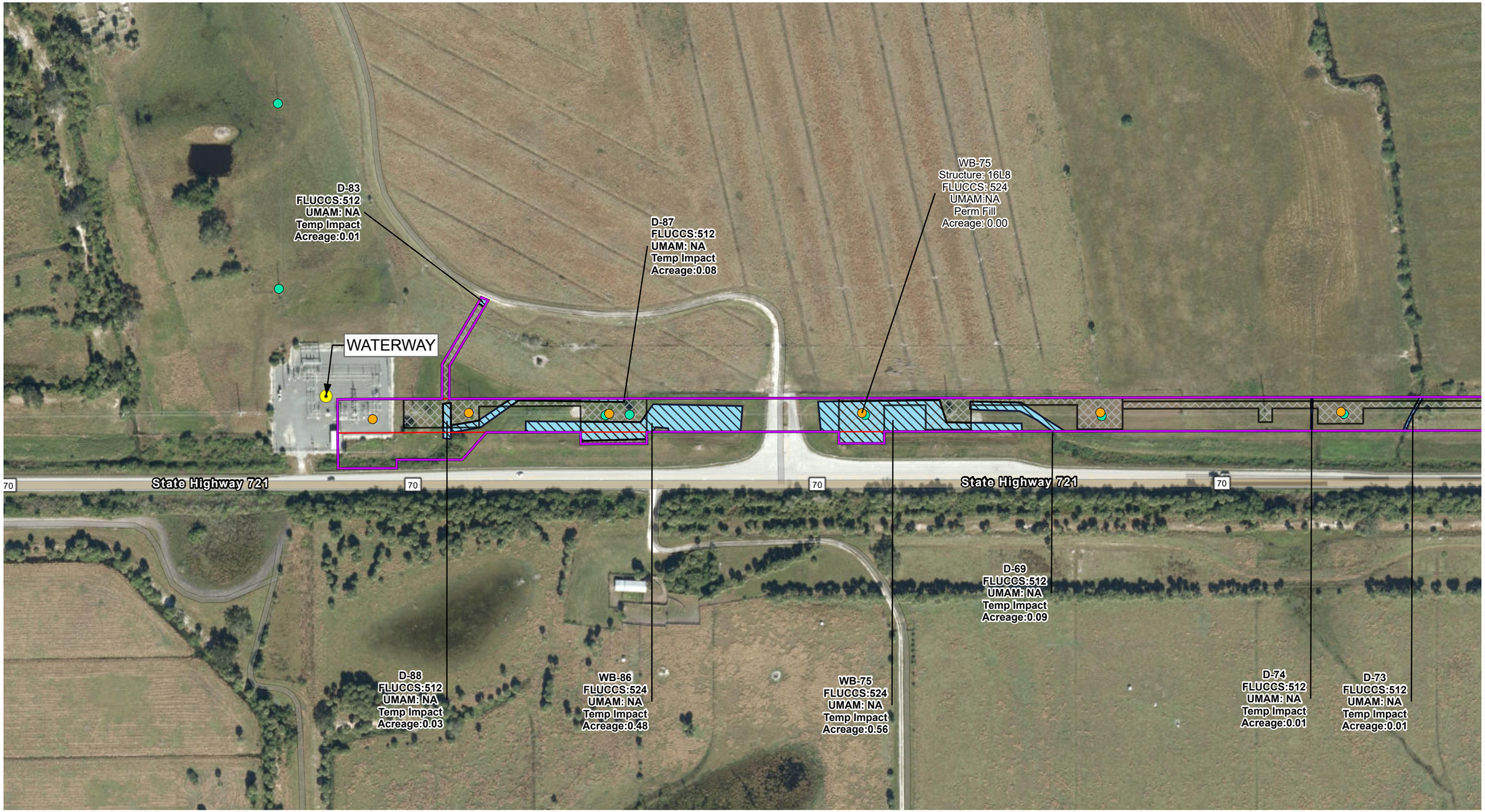
0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

Attachment 17 - Page 35 of 36
Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT



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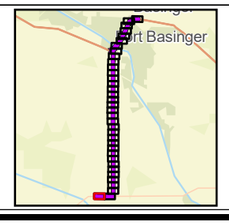

Note: Expansions or modifications of substations are to be permitted separately.

N

0 200 400
Feet

Sources: FDEP 2022; USFWS, 2022; FDOT 2020; Pickett 2023; ECT, 2024.

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Segment 2: Basinger - Waterway
Wetland Impact Map

Okeechobee & Highland Counties, Florida

ECT