

CONTAMINATION SCREENING EVALUATION REPORT
DRAFT

Florida Department of Transportation

District One

State Road (SR) 70 Project Development and Environment (PD&E) Study

W. of SR 31 to SE Highlands County Line Rd.

DeSoto County, Florida

Financial Management Number: 451942-1-22-01

ETDM Number: 14569

Date: April 2025

The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022 and executed by the Federal Highway Administration and FDOT.

**CONTAMINATION SCREENING EVALUATION REPORT
DRAFT**

**STATE ROAD (SR) 70
FROM W. OF SR 31 TO SE HIGHLANDS COUNTY LINE RD.**

DESOTO COUNTY, FLORIDA

Financial Management Number: 451942-1-22-01

Federal Aid Project Number: 1502-018-P

ETDM Number: 14569

Prepared for:

Florida Department of Transportation District One
801 North Broadway
Avenue Bartow, Florida 33831

Prepared by:

HNTB Corporation
201 North Franklin Street, Suite 1200
Tampa, Florida 33602

April 2025

EXECUTIVE SUMMARY

The Florida Department of Transportation (FDOT), District One, is conducting a Project Development and Environment (PD&E) Study to evaluate the proposed widening of approximately 16.7 miles of State Road (SR) 70 from west of SR 31 to SE Highlands County Line Road in unincorporated DeSoto County, Florida.

As a component of the PD&E Study, this Contamination Screening Evaluation Report (CSER) presents the potential contamination involvement for the improvements to SR 70. The CSER documents the contamination information required to support the decisions made related to the proposed project alternatives. The CSER was prepared in accordance with the FDOT PD&E Manual, Topic Number 650-000-001, Part 2, Chapter 20 – Contamination, and includes information to be used in the design phase of this project.

The preliminary evaluation involved reviewing an environmental database and aerial imagery, conducting a visual reconnaissance of the project corridor and surrounding area, obtaining relevant environment records from state and local agencies, and assigning potential contamination ratings for each source within and adjacent to the project corridor.

A total of 21 sites were identified during this study as having potential contamination sources located within or adjacent to the project corridor. Of the 21 sites, 12 sites were rated as having a “Medium” potential for contamination impact, 2 sites were rated as having a “Low” potential for contamination impact, and 7 sites were rated as having “No” potential for contamination impact. Two sites may require permitting if construction activities require local dewatering. There are four concrete culverts and two bridges within the project corridor potentially requiring asbestos and metal-based coating surveys prior to construction.

Table of Contents

<i>Section</i>	<i>Page</i>
Executive Summary	ES1
1 Project Overview	1-1
1.1 Project Description	1-1
1.2 Purpose and Need	1-1
1.3 Existing Facility	1-1
1.4 Proposed Improvements	1-4
1.5 Purpose of Report	1-6
2 Map and literature review	2-1
2.1 Land Use Review	2-1
2.1.1 Sanborn Maps	2-1
2.1.2 City Directories and Zoning	2-1
2.1.3 Current Land Use	2-1
2.1.4 Future Land Use	2-2
2.2 Historical Aerials	2-2
2.3 Regional Hydrogeological Map Review	2-3
2.4 USGS Topographic Map Review	2-4
2.5 FDEP Drainage Basin Map Review	2-4
2.6 FEMA Floodplain Map Review	2-6
2.7 USDA Soil Survey Map Review	2-7
3 Regulatory and field review	3-1
3.1 Federal: Environmental Protection Agency	3-1
3.2 State: Florida Department of Environmental Protection	3-2
3.3 Field Review	3-3
4 Site rating	4-1
4.1 Site Rating: Medium	4-1
4.2 Site Rating: Low	4-6
4.3 Site Rating: No	4-7
5 Summary and Recommendations	5-1
5.1 Summary of Sites Identified During Review	5-1
5.2 Recommendations	5-1

5.3	Potential for Asbestos and Lead Based Paint	5-2
6	References	6-1

List of Tables

Table 2-1	Historical Aerial Summary.....	2-3
Table 2-2	Soil Summary Within ½ Mile.....	2-8
Table 4-1	Summary of Identified Contamination Sites	4-9

List of Figures

Figure 1-1	Project Location Map.....	1-1
Figure 1-2	Existing Roadway Typical Section from west of SR 31 to west of Townsend Road	1-2
Figure 1-3	Existing Roadway Typical Section from CR 760 to SE Highlands County Line Road.....	1-3
Figure 1-4	Typical Section for Existing Bridges Over Whidden Creek and Joshua Creek.....	1-3
Figure 1-5	Build Alternative from west of SR 31 to west of Townsend Road	1-4
Figure 1-6	Build Alternative from west of Townsend Road to SE Highlands County Line Rd.....	1-5
Figure 1-7	Build Alternative for Bridges Over Whidden Creek and Joshua Creek	1-5
Figure 2-1	Potentiometric Surface Map.....	2-5
Figure 2-2	Watersheds Located Within SWFWMD.....	2-6

List of Appendices

Appendix A	Preliminary Concept Plans
Appendix B	2020 SWFWMD FLUCCS Land Use
Appendix C	Future Land Use Maps
Appendix D	Historical Aerials
Appendix E	USGS Topographic Maps
Appendix F	FDEP Drainage Basin Map
Appendix G	FEMA FIRM Floodplain Maps
Appendix H	USDA Soil Survey Maps
Appendix I	EDR Report Executive Summary
Appendix J	Field Review Photos
Appendix K	Contamination Maps
Appendix L	Supporting FDEP Database Report Figures

1 PROJECT OVERVIEW

1.1 Project Description

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) study to evaluate options for widening State Road (SR) 70 in DeSoto County. The project limits cover approximately 16.7 miles of SR 70 from west of SR 31 (Mile Post (MP) 14.973) to SE Highlands County Line Road (MP 31.763), as needed to accommodate roadway tie-ins. The project is located in Sections 32-36 of Township 37 South, Range 25 East; Sections 31-36 of Township 37 South, Range 26 East; Sections 31-36 of Township 37 South, Range 27 East; Sections 1-5 of Township 38 South, Range 25 East; Sections 1-6 of Township 38 South, Range 26 East; and Sections 1-6 of Township 38 South, Range 27 East. The project limits are shown in **Figure 1-1**.

The objective of this PD&E study is to evaluate widening the existing two-lane undivided roadway to a four-lane divided roadway. The project will include the construction of shared use paths, wildlife crossing features, roadway signing and pavement markings, and stormwater management facilities including treatment ponds and floodplain compensation sites.

This project has been evaluated for its potential effects on various social, cultural, natural, and physical resources. In addition to resource-specific technical reports produced for this study, the project was evaluated through FDOT's Efficient Transportation Decision Making (ETDM) process as project #14569.

Upon completion, this study will meet all requirements of the National Environmental Policy Act of 1969 (NEPA) as administered for the FDOT by the FDOT Office of Environmental Management (OEM) and the requirements of other federal and state laws to qualify the proposed project for federal-aid funding.

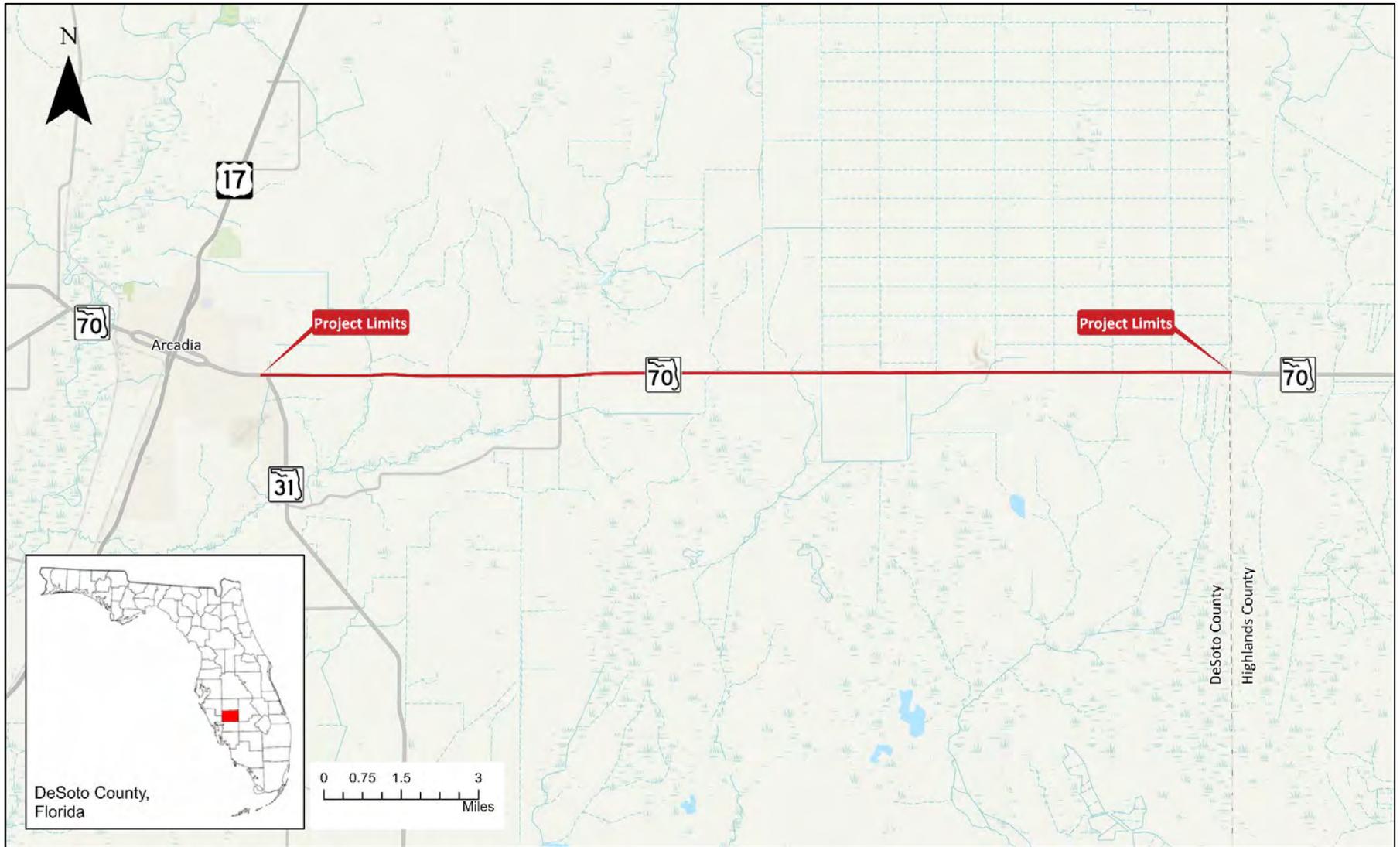
1.2 Purpose and Need

The purpose of this project is to address roadway and traffic safety conditions on SR 70 from west of SR 31 to SE Highlands County Line Road in unincorporated DeSoto County. Other goals of the project are to maintain important east-west connectivity within the regional transportation network and accommodate freight activity within the area.

1.3 Existing Facility

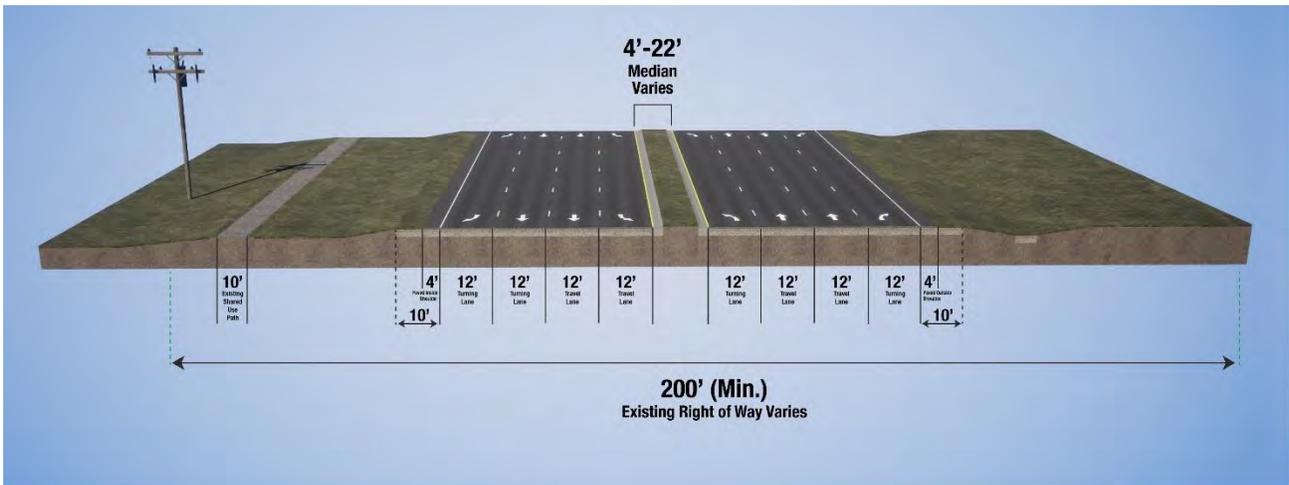
SR 70 is part of Florida's Strategic Intermodal System (SIS) highway network and designated state hurricane evacuation route network. As part of the National Highway System, SR 70 is critical in the transportation network as it facilitates local and regional traffic and the movement of goods/freight. SR 70 is functionally classified as "Rural Principal Arterial – Other" within the project area, and the project segment of the roadway has an existing context classification of C2-Rural. The posted speed limit on the corridor is generally 60 miles per hour (mph) with slower speeds ranging from 40 mph to 55 mph west of SR 31 to west of Townsend Avenue.

Figure 1-1 Project Location Map



This segment of SR 70 consists of two existing roadway typical sections. From west of SR 31 to west of Townsend Road, SR 70 is a four-lane divided facility with 12-foot travel lanes and ten-foot outside shoulders (four feet paved). The travel lanes are separated by a raised grass median and intermittent right and left turn lanes. A portion of a ten-foot shared-use path (part of the Manatee to Highlands Corridor) is present on the northern side of the roadway, extending from west of SR 31 to west of SE Townsend Avenue (**Figure 1-2**). No designated bicycle lanes are present on either side of the facility

Figure 1-2 Existing Roadway Typical Section from west of SR 31 to west of Townsend Road



From County Road (CR) 760 to SE Highlands County Line Road, SR 70 becomes a two-lane undivided facility with 12-foot travel lanes and twelve-foot outside shoulders (five feet paved) (see **Figure 1-3**). There are no shared use path or designated bicycle facilities along this portion.

The existing typical section for the SR 70 bridges over Whidden Creek and Joshua Creek consists of two 12-foot travel lanes with guardrail and traffic railings (**Figure 1-4**). There are no shared use path or designated bicycle facilities at these locations.

Existing right-of-way (ROW) along the project portion of SR 70 is generally 200 feet in width, but ranges from approximately 180 feet to 220 feet in width from west of SR 31 to CR 760, and from 200 feet to 350 feet in width from CR 760 to SE Highlands County Line Road; it is generally wider to the north than south along the eastern end.

Figure 1-3 Existing Roadway Typical Section from CR 760 to SE Highlands County Line Road

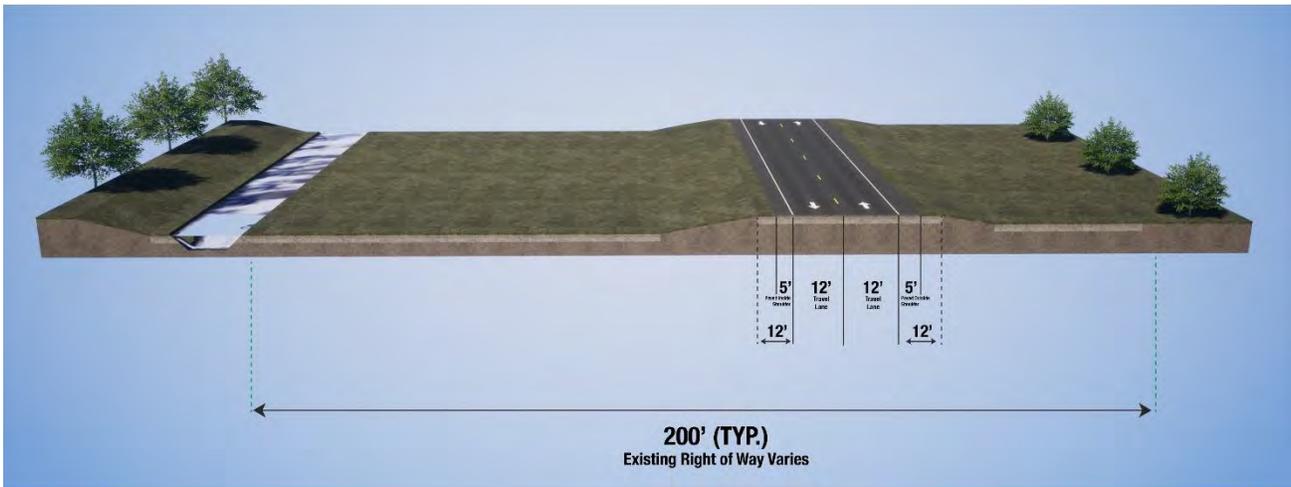
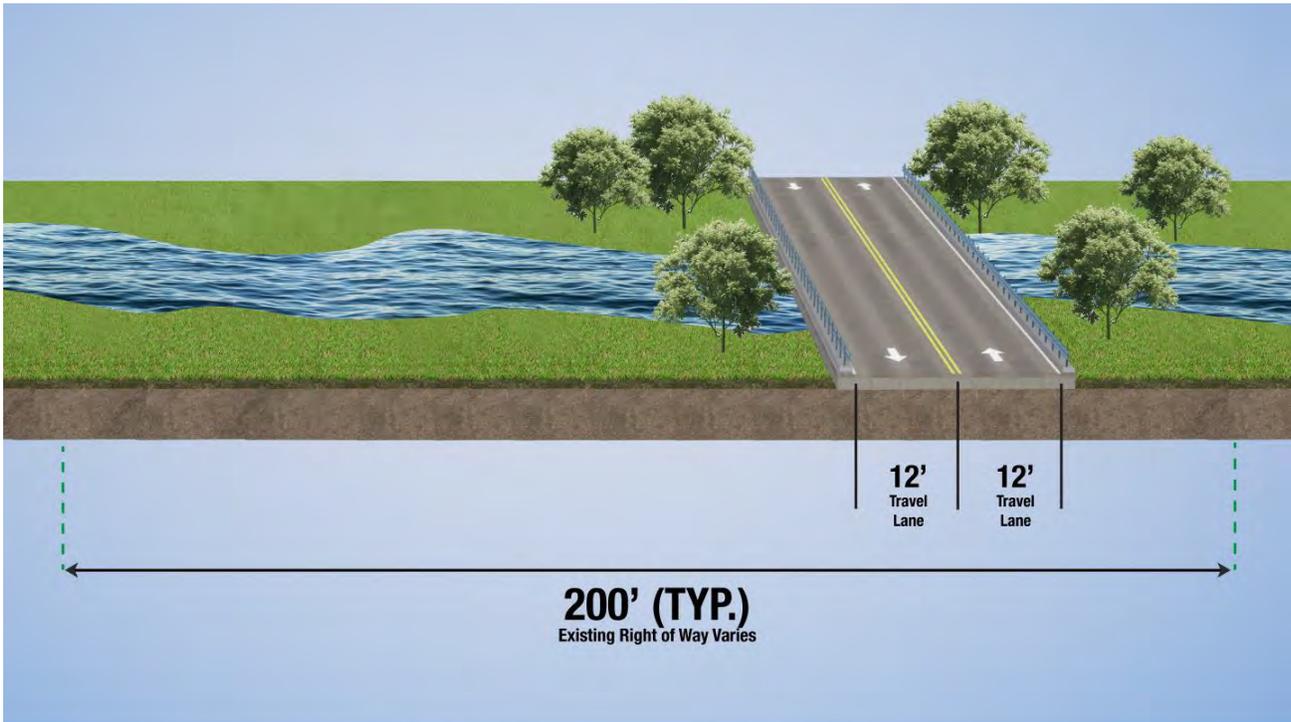


Figure 1-4 Typical Section for Existing Bridges Over Whidden Creek and Joshua Creek



There are two bridges and five concrete bridge culverts along the corridor where lakes, streams, or wetlands intersect with the roadway. In addition, there are seven smaller concrete box culverts located along the project area. The two bridges and five concrete bridge culverts are as follows:

- SR 70 Concrete Bridge:
 - SR 70 over Whidden Creek (No. 040024)
 - SR 70 over Joshua Creek (No. 040027)

- SR 70 Concrete Bridge Culvert:
 - SR 70 over Tiger Bay (No. 040031)
 - SR 70 over Mossy Gully (No. 040032)
 - SR 70 over DCI Canal (No. 040033)
 - SR 70 over Long Point Marsh (No. 040037)
 - SR 70 over Parker Creek (No. 040940)

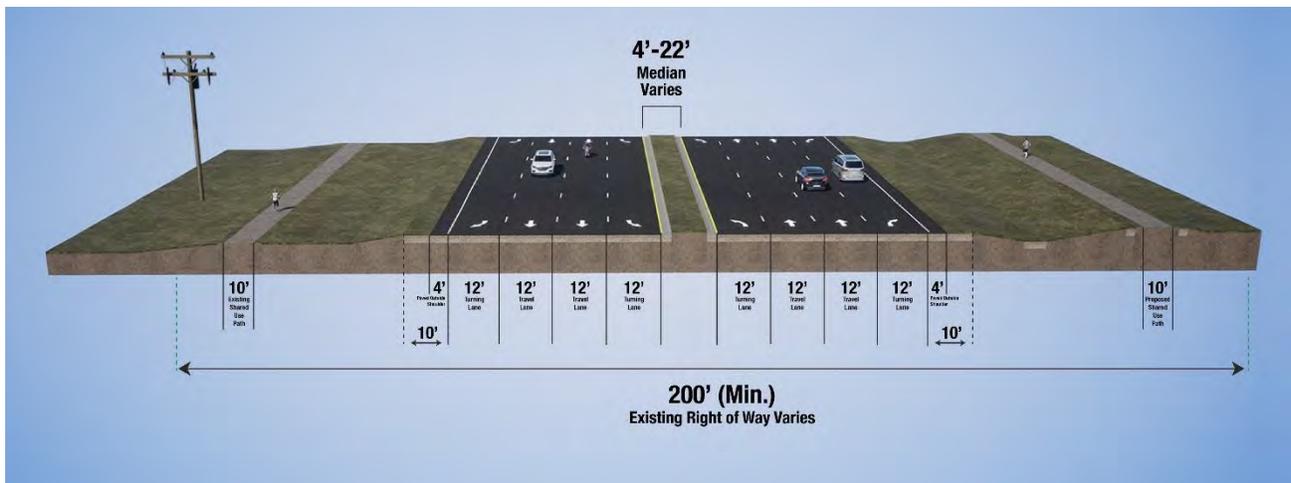
A full discussion of the existing roadway conditions can be found in the Preliminary Engineering Report (PER), prepared under separate cover.

1.4 Proposed Improvements

To meet the Purpose and Need, the Preferred Alternative will widen SR 70 from two to four lanes throughout the study limits. The Preferred Alternative includes milling and resurfacing the existing typical section, along with new construction on various sections of the road. A new ten-foot shared use path will be constructed adjacent to the southern ROW line from west of SR 31 to SE Highlands County Line Road.

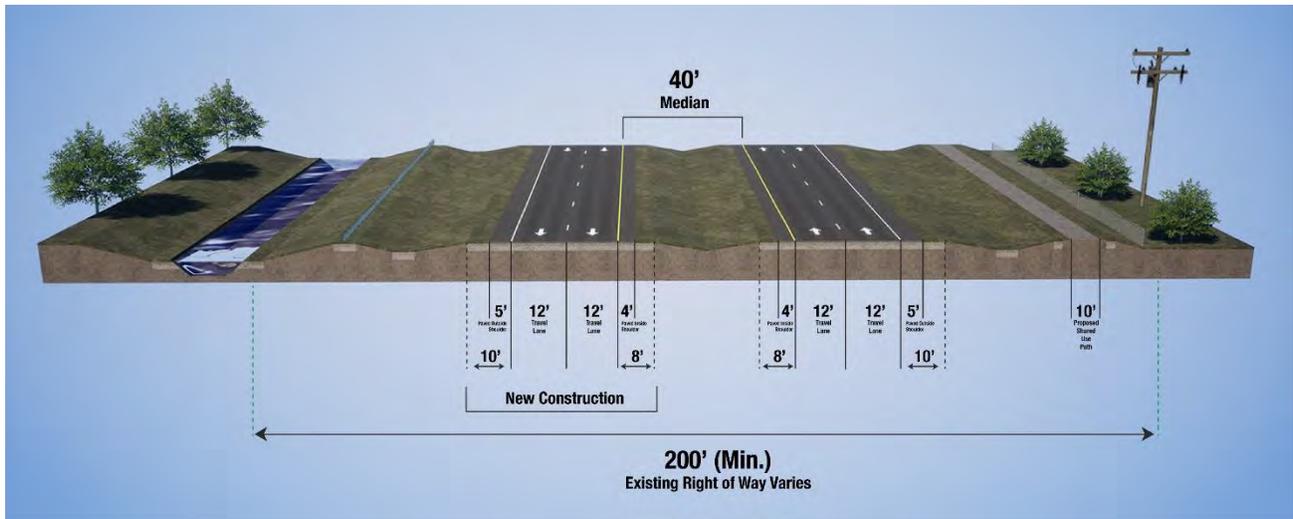
The Preferred Alternative from west of SR 31 to west of Townsend Road (**Figure 1-5**) generally consists of four 12-foot travel lanes (with intermittent right and left turn lanes in each direction), a variable-width median, and 10-foot outside shoulders (4-foot paved). Improvements proposed within these limits will primarily consist of milling and resurfacing. The existing 10-foot shared use path along the north side of the roadway will remain.

Figure 1-5 Build Alternative from west of SR 31 to west of Townsend Road



The Preferred Alternative from west of Townsend Road to SE Highlands County Line Road (**Figure 1-6**) features the construction of new westbound lanes to the north of the existing lanes, consisting of four 12-foot travel lanes (two in each direction) with an open median of 40 feet that includes 8-foot inside shoulders (4-foot paved), 10-foot outside shoulders (5-foot paved) and eight-foot inside shoulders (4-foot paved). A guardrail will be constructed adjacent to the westbound lanes and existing canal.

Figure 1-6 Build Alternative from west of Townsend Road to SE Highlands County Line Rd.



The Preferred Alternative for the bridges over Whidden Creek and Joshua Creek (**Figure 1-7**) include four 12-foot travel lanes (two in each direction) with 10-foot paved outside shoulders and 6-foot paved inside shoulders. Traffic railings would be implemented on both shoulders. The eastbound bridge will have a 14-foot shared use path with concrete barrier separating pedestrian and bicycle users from the travel lane and railing at the outside edge of the bridge.

Figure 1-7 Build Alternative for Bridges Over Whidden Creek and Joshua Creek



The project will include the construction of wildlife crossing features, roadway signing and pavement markings, and stormwater management facilities including treatment ponds and floodplain compensation sites (which will

be determined at a later time and documented/submitted separately). The Preliminary Concept Plans have been provided as **Appendix A**.

1.5 Purpose of Report

The purpose of this CSER is to evaluate known or potential contamination sources located within and/or adjacent to the proposed project corridor. The CSER is developed by documenting a summary of the literature and map reviews, the state and federal database review, and the field review for potential contamination sources.

The scope of work performed for this study included the following:

- Review of current and historical aerial photographs, maps, and other available data to evaluate current and prior land use;
- Review of available maps for a description of groundwater characteristics, potential soil types, environmental features, and general topography to estimate the direction of contaminant migration;
- Review of reasonably obtainable federal, state, and local environmental databases of existing and potentially contaminated sites within and/or adjacent to the project corridor;
- Conducting a visual inspection of the potential sites to evaluate the likely presence of significant contamination to the soil or groundwater;
- Evaluating the likely impact that the identified sites might have on the construction of the Build Alternative by rating each site; and,
- Preparation of this Report.

The rating system used to assess the effect of a potential contamination source is recommended in the Contamination Chapter of the FDOT PD&E Manual. The rating system is defined as follows:

NO *“A review of available information on the property and a review of the conceptual or design plans indicates there is no potential contamination impact to the project. It is possible that contaminants have been handled on the property. However, findings from the Level I evaluation indicate that contamination impacts are not expected.”*

LOW *“A review of available information indicates that past or current activities on the property have an ongoing contamination issue; the site has a hazardous waste generator identification (ID) number, or the site stores, handles, or manufactures hazardous materials. However, based on the review of conceptual or design plans and/or findings from the Level I evaluation, it is not likely that there would be any contamination impacts to the project.”*

MEDIUM *“After a review of conceptual or design plans and findings from a Level I evaluation, a potential contamination impact to the project has been identified. If there is insufficient information (such as regulatory records or site historical documents) to make a determination as to the potential for contamination impact, and there is reasonable*

suspicion that contamination may exist, the property should be rated at least as a 'Medium'. Properties used historically as gasoline stations and which have not been evaluated or assessed by regulatory agencies, sites with abandoned in place underground petroleum storage tanks or currently operating gasoline stations should receive this rating."

HIGH *"After a review of all available information and conceptual or design plans, there is appropriate analytical data that shows contamination will substantially impact construction activities, have implications to ROW acquisition or have other potential transfer of contamination related liability to the FDOT."*

The rating system includes the type and severity of contamination as well as the proximity of the potential source to the project.

District One requires any site within 500 feet of the Project's ROW, that currently has documented contamination, be rated at least a "Medium" due to the potential to affect National Pollutant Discharge Elimination Systems (NPDES) dewatering during construction.

2 MAP AND LITERATURE REVIEW

2.1 Land Use Review

2.1.1 Sanborn Maps

The Sanborn map collection consists of a uniform series of large-scale maps dating from 1867 to the 1970s and depicting the commercial, industrial, and residential sections of cities and towns. The maps were designed to assist fire insurance agents in determining the degree of fire risk associated with a particular property and, therefore, show the size, shape, and construction of dwellings, commercial buildings, and factories as well as fire walls, locations of window and doors, sprinkler systems, and types of roofs. As a result, the map can provide a historical record of the land use on a particular property.

A review for available Sanborn maps was conducted; however, no Sanborn maps were available for this area of DeSoto and Highlands County.

2.1.2 City Directories and Zoning

City directories and the local zoning of an area can provide a cross-reference to street addresses, occupants, and property use. Thereby, assisting in the identification of past activities with a potential for environmental concerns. This information can often identify businesses historically associated with using potentially hazardous materials or petroleum products.

A review of available city directories and the associated local zoning was conducted. The DeSoto and Highlands County Property Appraisers were referenced to determine the owner of properties immediately adjacent to the project corridor. In addition, the DeSoto and Highlands GIS mapping systems were reviewed.

The zoning types within a 500-ft buffer of the project study limits include A-10 (Agricultural 10), A-5 (Agricultural 5), RSF (Residential Single-Family), RM (Residential Multifamily), RMF (Residential Multifamily), MHP (Mobile Home Park), TTRVC (Travel Trailer Recreational Vehicle Campground), CG (Commercial General), CE (Commercial Established), IL (Industrial Light), and IH (Industrial Heavy). The zoning type IH (Industrial Heavy) is present within the project limits where a waste management site is located. There are no other obvious land uses adjacent to the project corridor that could offer a potential for contamination outside of those identified within this report.

2.1.3 Current Land Use

The 2020 Florida Land Use, Cover and Forms Classification System (FLUCCS) land use map was reviewed to identify the various land uses currently found along the SR 70 corridor. The project location contains a mix of urban, rural, commercial, public utilities, and natural uses. The 2020 FLUCCS land use maps have been included in **Appendix B**.

2.1.4 Future Land Use

The ‘DeSoto County 2030 Future Land Use Map’ was evaluated to determine areas of predicted development. The map indicates that most of the area surrounding the project corridor from west of SR 31 to CR 760 is to transition from supporting Rural/Agricultural uses to urban uses, including Neighborhood Mixed Use, Low Density Residential, Urban Center Mixed Use, and Commercial. The area surrounding the project segment extending from CR 760 to SE Highlands County Line Road will continue to support Rural/Agriculture uses with a small section designated as Public Land/Institutional to accommodate the Desoto Correctional Institution. The Future Land Use Map is included in **Appendix C**.

2.2 Historical Aerials

Site specific historical aerials along SR 70 were obtained from the FDOT Aerial Photography Archive database and reviewed in preparation of this report. The aerials are included in **Appendix D**. Aerials from 1968, 1972, 1985, 1995, 2004, 2009, 2014, 2017, 2020, and 2023 were evaluated to determine the historical land use and evidence of potential contamination concerns such as unexplained fill, cattle dipping vats, debris, etc. A summary of the findings can be found in **Table 2-1**.

Table 2-1 Historical Aerial Summary

Year	Description
1968	There is some residential development throughout the project corridor. Dorr Field is already being used as a correctional facility.
1972	Some commercial development around SR 31. More residential development around Cross Ave. Some development for Alico Citrus east of 4 Mile Grade Rd.
1985	Commercial development continues around SR 31. More residential development around Hansel Ave and Cross Ave.
1995	More residential development around SR 31. Development for Toby's RV Resort on the north side of SR 70 between SR 31 and SE Townsend Ave. More residential development at Cross Ave. Development for Florida Power and Light Company at 4 Mile Grade Rd.
2004	Commercial development on the south side of SR 70 east of SR 31 including Walmart Supercenter, Murphy USA, and Desoto Chrysler Dodge Jeep RAM. Some residential development and one Industrial land development from SE Townsend Ave to CR 760. Agricultural development for Arcadia Fruit Company on north side of SR 70 west of Highlands County Line.
2009	Building for Walgreens developed on the south side of SR 70, west of SR 31. Property for Chili's Grill & Bar and Crews Bank & Trust developed on the south side of SR 70, east of SR 31.
2014	Road widening and improvements were done from west of SE Airport Rd (East Arcadia) to approximately 0.7 miles east of SR 31. Arcadia Back Pressure Regulator site is being constructed on the south side of SR 70, east of SE Townsend Rd.
2017	Building for Taco Bell and Publix developed on the south side of SR 70 west of SR 31.
2020	Building for KFC developed west of SR 31 on south side of SR 70. Property developed for Desoto Recycling & Disposal on north side of SR 70, east of 4 Mile Grade Rd.
2023	Popeye's, east of SR 31, is being developed. West of SR 31, Take 5 Oil Change and Culver's is being developed. A dirt road was built from the south side of SR 70 at Black Bird Ranch, east of NE Four Mile Grade Rd. Addition of a warehouse at Arcadia Fruit Company on the north side of SR 70, west of Highlands County Line Rd.

2.3 Regional Hydrogeological Map Review

A review of available hydrogeological maps and publications for DeSoto County indicate the principal hydrogeological units beneath the county are the Surficial, Hawthorn, and Floridan Aquifer Systems. The surficial aquifer consists primarily of undifferentiated sands, shell material, silts and clayey sands of varying thickness and is found throughout the Southwest Florida Water Management District (SWFWMD). The thickness of the Surficial Aquifer System varies but may attain a thickness of 150 feet along the coast and has been estimated that it may be less than seven (7) feet below land surface in DeSoto County. The depth of the water table also varies and may be found at or near the land surface or as much as 60 to 70 feet below the ground surface in DeSoto County. Available site assessment documents for

sites near the project corridor show the depth to water being between 2 and 16 feet below the ground surface. Rain and surface water run-off are readily absorbed by the porous surface sands of the Surficial Aquifer System and typically percolate down to the water table. For this reason, the Surficial Aquifer System is typically the aquifer most susceptible to contamination from surface discharges of hazardous substances.

A potentiometric surface map of the Floridan Aquifer within the SWFWMD, published in May 2016, was reviewed (**Figure 2-1**). The contours within the project area represent the approximate lower boundary of the Floridan Aquifer System in this region. Groundwater surrounding the project area will generally be expected to flow in the western direction. In DeSoto County, the highest recharge rates to the Floridan Aquifer are estimated to be zero to one (0-1) inches per year. These recharge areas are mainly in the eastern upland region and the northwest corner of the county. Discharge primarily happens along the Peace River Valley and in the southwestern part of the county.

Another key hydrogeologic feature is the canal located along the corridor on the northern side of the ROW. While this canal could pose contamination concerns due to the discharge of pollutants into the canal from adjacent soil and groundwater systems, it is more likely to function as a hydraulic barrier, mitigating impacts to the ROW from more northerly sites.

2.4 USGS Topographic Map Review

A review of the United States Geological Survey (USGS) Topographic Map of the study area depicts the direction of the surficial water flow (runoff). The surface water runoff direction is generally a good indication of the direction of groundwater flow. The USGS map indicated that the surface water flow direction is generally west and towards the Gulf Coast. The USGS topographic map has been included in **Appendix E**.

The topographic map provides visual identification of the existing drainage patterns using contour lines. The map also identifies all bodies of water including lakes, ponds, streams, and known wetlands. Local landscape variance may influence the directionality of the groundwater flow.

2.5 FDEP Drainage Basin Map Review

A review of the Florida Department of Environmental Protection (FDEP) drainage basin map, updated in 2023, was conducted to identify the watershed and drainage basins at the project location. As indicated in **Figure 2-2**, the project is located within the Peace River Watershed. The drainage basin map for the Peace River Watershed has been included in **Appendix F**, which includes the following basins:

- Peace River Above Joshua Creek
- Joshua Creek Above Peace River
- Unnamed Branch
- Honey Run
- Prairie Creek
- Cow Slough

Figure 2-1 Potentiometric Surface Map

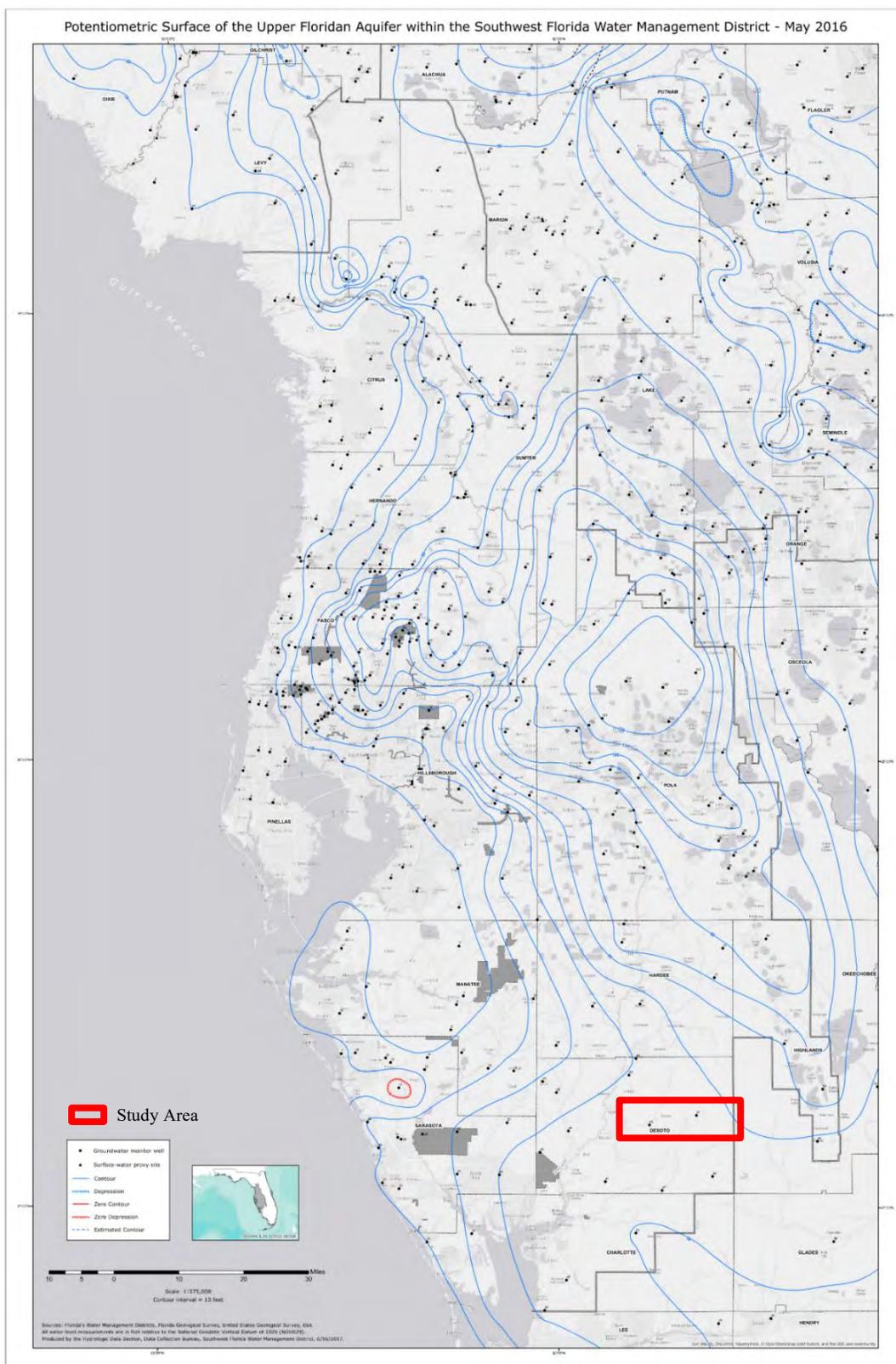
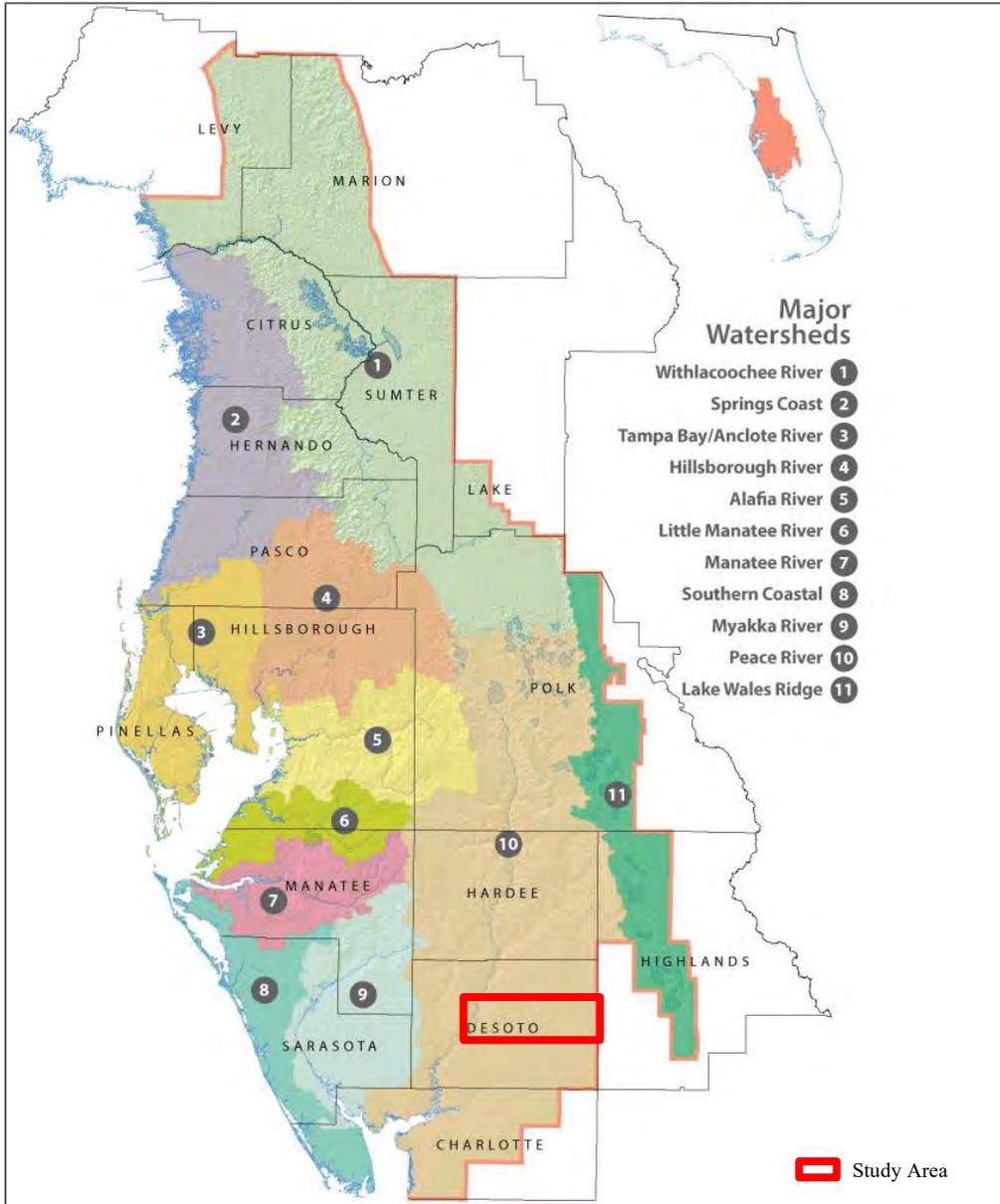


Figure 2-2 Watersheds Located Within SWFWMD



2.6 FEMA Floodplain Map Review

A review of the existing Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (numbers 12027C0195C, 12027C0177C, 12027C0185C, 12027C0205C, 12027C0210C, and 12027C0230C, effective November 6, 2013) and the FEMA DFIRM GIS data published October 2020, for the project vicinity, was conducted. The FEMA map review identified locations along the SR 70 corridor where the roadway is located within the FEMA 100-year floodplain. The floodplains within the corridor are Zone A and AE. Flood Zone “A” is classified as an “area of the 100-year floodplain where base flood elevations (BFE) and flood hazard factors are not determined”. Areas identified as Zone “AE” are “areas of the 100-year floodplain where the BFE is determined.” Zone AE within the project limits

consists of a static BFE ranging from 30 to 63 feet. The FEMA floodplains maps of the project segment have been included in **Appendix G**.

2.7 USDA Soil Survey Map Review

The review of the United States Department of Agriculture's (USDA) Soil Survey for DeSoto and Highlands Counties was conducted to evaluate the flow characteristics and subsurface conditions as they relate to the migration of contamination. The USDA Soil Survey was then overlaid on an aerial photograph to identify the locations of each soil series along the SR 70 corridor. The Soil Survey Maps identifying the location of each soil series have been included in **Appendix H**. The following soil series, in **Table 2-2**, were identified within or immediately adjacent to the SR 70 corridor. There were no soil series identified with a depth to water table greater than three feet.

Table 2-2 Soil Summary Within ½ Mile

Map Symbol	Soil Name	Water Table Depth (Inches)
2	Anclote Mucky Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	0
3	Basinger Fine Sand, 0 To 2 Percent Slopes	0 – 12
4	Basinger Fine Sand, Frequently Flooded	0
5	Basinger Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	0
7	Placid Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	0
10	Myakka Fine Sand, 0 To 2 Percent Slopes	6 – 18
11	Delray Mucky Fine Sand, Depressional	0
12	Basinger Fine Sand, 0 To 2 Percent Slopes	0 – 12
13	Eaugallie Fine Sand, 0 To 2 Percent Slopes	6 – 18
14	Farmton Fine Sand, 0 To 2 Percent Slopes	6 – 18
15	Felda Fine Sand, 0 To 2 Percent Slopes	3 – 18
16	Valkaria Fine Sand, 0 To 2 Percent Slopes	3 – 18
17	Felda Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	0
18	Floridana Mucky Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	0
19	Gator Muck, Frequently Ponded, 0 To 1 Percent Slopes	0
20	Immokalee Fine Sand, 0 To 2 Percent Slopes	6 – 18
20	Samsula Muck, Frequently Ponded, 0 To 1 Percent Slopes	0
21	Malabar Fine Sand, 0 To 2 Percent Slopes	3 – 18
22	Malabar Fine Sand, High, 0 To 2 Percent Slopes	6 – 18
23	Malabar Fine Sand, Frequently Ponded, 0 To 1 Percent Slopes	0
24	Myakka Fine Sand, 0 To 2 Percent Slopes	6 – 18
25	Ona Fine Sand, 0 To 2 Percent Slopes	6 – 18
26	Pineda-Pineda, Wet, Fine Sand, 0 To 2 Percent Slopes	6 – 18
29	Pineda-Pinellas Fine Sands	0 – 12
30	Pomello Fine Sand, 0 To 2 Percent Slopes	18 – 42
31	Pompano Fine Sand, 0 To 2 Percent Slopes	3 – 18
32	Punta Fine Sand, 0 To 2 Percent Slopes	6 – 18
34	Samsula Muck, Frequently Ponded, 0 To 1 Percent Slopes	0
36	Smyrna Fine Sand, 0 To 2 Percent Slopes	6 – 18
37	Tavares Fine Sand, 0 To 5 Percent Slopes	18 – 42
39	Smyrna Sand, 0 To 2 Percent Slopes	6 – 18
40	Valkaria Fine Sand, 0 To 2 Percent Slopes	3 – 18
41	Wabasso Fine Sand, 0 To 2 Percent Slopes	6 – 18
42	Zolfo Fine Sand, 0 To 2 Percent Slopes	18 – 42
99	Water	Non-Soil Series

3 REGULATORY AND FIELD REVIEW

A search of the federal and state environmental databases for the project corridor was conducted in August 2024. The search was conducted using Map Direct, an interactive map that contains a summary of the environmental records from various local, state, and federal agencies. Other databases reviewed included the Public Notice of Pollution (PNP) Finder, the Superfund Enterprise Management System (SEMS), Resource Conservation and Recovery Act (RCRA), and the National Priorities List (NPL). The searches identify sites that have real or potential environmental issues related to previous or existing land use activities conducted on site.

In addition to the databases mentioned, an environmental records search was requested from Environmental Data Resources (EDR) Inc. to ascertain additional risk of contamination within and surrounding the project corridor. The Executive Summary of the report can be found in **Appendix I**, full report available upon request. A buffer distance of one (1) mile from the ROW was used for the EDR records search; however, only records existing within 500 feet, 1,000 feet, and ½ mile (depending on site type) of the ROW are presented and discussed within this report for consistency with the Contamination Chapter of the PD&E Manual. A summary of the most common databases reviewed for this report are included below.

3.1 Federal: Environmental Protection Agency

The Environmental Protection Agency (EPA) databases reviewed for this report are listed and described below:

- Superfund Enterprise Management System (SEMS): previously known as the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), SEMS identifies facilities and/or locations that are being investigated by the EPA for potential or existing contamination. This includes No Further Remedial Action Planned (NFRAP) sites.
- Emergency Response Notification System (ERNS): lists locations where an accidental release of hazardous substances, including petroleum, has occurred. The FDEP Public Notice of Pollution (PNP) finder was evaluated to determine if any pollution spills have occurred within the project vicinity.
- National Priorities List (NPL): an inventory of facilities and/or locations with confirmed environmental contamination. These sites are often referred to as "Superfund" sites. The Superfund National Priorities mapper was evaluated.
- Resource Conservation and Recovery Information System (RCRIS): reports listings of facilities and/or locations that are generating, transporting, treating, storing, or disposing hazardous substances or waste. This category includes Resource Conservation and Recovery Act (RCRA), Hazardous Waste Small Quantity Generators (SQGs), Large Quantity Generators (LQGs), Conditionally Exempt SQGs and Transportation Storage & Disposal (TSDs) facilities.

- Corrective Actions Report (CORRACTS): identifies hazardous waste handlers with RCRA corrective action activity.

3.2 State: Florida Department of Environmental Protection

The state databases searched in accordance with FDOT requirements are listed and described below:

- Florida Leaking Underground Storage Tanks (LUST): database including facilities that have reported a possible release of contaminants from underground storage tanks. Included within this list are sites that are in the Florida Early Detection Incentive Program (EDI), the Abandoned Tank Restoration Program (ATRP), and the Petroleum Liability Insurance Restoration Program (PLIRP). These programs support remedial action or reimbursement for those sites with environmental problems due to leaking fuel storage tanks.
- Florida State-Funded Action Sites (SHWS): identifies facilities and/or locations that the FDEP has recognized with potential or existing environmental contamination. These sites are equivalent to SEMS. They may or may not already be listed on the federal SEMS list. Priority sites planned for cleanup using state funds are identified along with sites where potentially responsible parties will pay for cleanup.
- Florida Solid Waste Facilities (SWF/LF): an inventory of solid waste disposal facilities or landfills. The presence of a site on this list does not necessarily indicate existing environmental contamination, but rather the potential for contamination.
- Florida Registered Underground Storage Tanks (UST): records regulated stationary petroleum tanks. Inclusion on this list suggests the presence of stationary storage tanks, therefore, the potential for environmental problems. It does not necessarily indicate existing problems.
- Florida Registered Aboveground Storage Tanks (AST): records regulated stationary petroleum tanks. Inclusion on this list suggests the presence of stationary storage tanks, therefore, the potential for environmental problems. It does not necessarily indicate existing problems.
- Brownfield Areas (BF): Brownfield areas are defined by FDEP as abandoned, or underused industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. The primary goal for Florida Brownfield sites is to reduce health and environmental hazards on existing commercial and industrial sites that are abandoned or underused due to these hazards, and to create financial and regulatory incentives to encourage redevelopment and voluntary cleanup of contaminated properties. A Brownfield Area refers to a contiguous area of one or more Brownfield Sites. Not all the sites located within a Brownfield Area are contaminated.
- Dry Cleaners (Cleaners): included on this database are sites with dry cleaning solvent contamination resulting from the operations associated with a dry-cleaning facility.
- Cattle Dip Vats (CDV): Cattle dipping vats were used to control and eradicate the cattle fever tick. These locations were in operation from the 1910's through the 1950's and are known to present an environmental or public health hazard due to the pesticides and chemicals used for the process.

FDEP and the Florida Department of Health were contacted to determine the location of known CDVs. Both FDEP and FDH stated that there is no state database showing these locations.

3.3 Field Review

In addition to the regulatory database search, a site reconnaissance and limited field investigation of the properties on or immediately adjacent to the SR 70 corridor was conducted. The field review was conducted on September 12, 2024. Field photos have been included in **Appendix J**.

The reconnaissance consisted of a visual inspection for evidence of potential contamination or environmental violations at the locations identified during the regulatory database search. Furthermore, the reconnaissance included visual investigations of potential sites that appeared to store or use hazardous materials that were not included on any regulatory database. The investigation revealed four sites that were not identified by the regulatory database review.

4 SITE RATING

In accordance with the Contamination Chapter of the PD&E Manual, the project corridor was assumed to be approximately 500 feet from the proposed FDOT ROW line for petroleum, drycleaners, and non-petroleum sites. For sites identified as non-landfill solid waste sites, such as recycling facilities, transfer stations, or debris placement areas, a distance of 1,000 feet from the ROW line was used. For sites identified under SEMS, NPL, or Landfill Solid Wastes, a distance of one-half (½) mile was used. The review identified a total of 21 sites within the project corridor. Aerial maps showing these locations have been included in **Appendix K**.

Of the 21 sites identified, 7 were rated “No”, 2 were rated “Low”, and 12 were rated as “Medium”. A rating of “No” is indicative of those sites where database review indicated contaminants have been handled at the property but have no potential to impact construction activities. A rating of “Low” is indicative of sites where the field review and the database review indicated that contamination would not generally be expected; however, there is potential for contamination. Sites rated “Medium” are indicative of those sites that are in active petroleum remediation, have a known history of petroleum discharge at the site and are close enough to the project ROW to potentially impact construction activities, or have insufficient database information to determine contamination impacts. Further testing should be considered for sites rated “Medium”. General information from the FDEP OCULUS and other databases on each site is included in **Table 4-1**. A brief description is provided below for the 21 sites by site rating.

4.1 Site Rating: Medium

- **Site 1: Cemex - Arcadia Ready Mix**
FDEP Facility ID: 8520851
E Hwy 70
Arcadia, FL 34266

This site was a building materials company which is now closed at this location. The site contained two underground storage tanks (USTs) containing petroleum that were reported to be closed in place in 1997. There was also an aboveground storage tank (AST) containing petroleum that was removed from the site in January 2013. The most recent site inspection was in August 2011 and was in-compliance. There is no documentation of a closure assessment for any tank or an inspection after the AST removal. Due to the USTs not being removed from the site and insufficient information regarding the closure or removal of petroleum storage tanks, this site was assigned a “Medium” risk rating.

- **Site 2: Take 5 Oil Change**
FDEP Facility ID: None
2307 SE Hwy 70
Arcadia, FL 34266

This active oil change facility, located within 500-ft of the project, was identified during the field review on September 18, 2024, and is not registered with FDEP. This business opened in February 2024 and is located on the same property that Cemex – Arcadia Ready Mix (Site 1) was located. There were no visible contamination issues identified during the field review. Due to this site not being registered with FDEP and on the same property parcel as Site 1 with insufficient database information on petroleum storage tanks, this site was assigned a “Medium” risk rating.

- **Site 7: Murphy US #6902**
FDEP Facility ID: 9805491
2769 SE Hwy 70
Arcadia, FL 34266

This site is an active gas station housing two USTs containing unleaded gas. A spill of less than 25 gallons of diesel fuel onto the concrete and into the storm drain was reported in 2003 due to overfilling of a vehicle fuel tank. The Fire Department responded by applying absorbents and closed the case. On April 15, 2024, a spill estimated at 80 gallons of gasoline was reported with two drains impacted. The drains were vacuumed prior to fuel entering the retention pond. The site is currently in compliance according to the last inspection document dated June 2024. However, current documentation indicates that a formal site assessment (SA) has not been completed since the 2024 discharge. This could affect permitting if local dewatering is necessary. The operation of USTs and onsite fueling at gas stations present several ongoing risks to groundwater and soil contamination from the potential leakage from USTs, spills during fueling, improper tank closer, and other associated risks. Due to this site being an active gas station, having an unresolved discharge report, and its close proximity to the project, this site was assigned a “Medium” risk rating. The spill report can be found in **Appendix L**.

- **Site 9: Harrison Property**
FDEP: None
SE County Road 760
Arcadia, FL 34266

This site is an active citrus grove that is privately owned and traverses approximately 0.38 miles along the south side of the project corridor on the west side of SE County Road 760. There is no documented contamination or storage tanks on the property. Due to this being active farmland, this site was assigned a “Medium” risk rating.

- **Site 11: Desoto Correctional Inst Work Camp and Annex Part A-2002**
FDEP Facility ID: ERIC_6124
13617 SE Hwy 70
Arcadia, FL 34266

This site is part of the Florida Department of Corrections/Dorr Field. A State-Owned Lands Cleanup Survey Site Reconnaissance Report was completed in December 2002. There were 17 areas of interest that were assessed including a flammable storage building, metal scrap accumulation area, emergency generators, auto shop, spray field, dump site, pesticide and herbicide mixing/storage, and medical waste storage area. One area of interest, the auto shop, is in active Natural Attenuation Monitoring (NAM). The most recent NAM report dated December 20, 2017, shows one former UST at this location in the document figures (UST removal date is unknown). Contaminated soil was found under the auto shop building slab. The last groundwater sampling was done in November 2017. Concentrations of semi-volatile organic compounds (SVOCs) exceeded Groundwater Cleanup Target Levels (GCTLs). It was recommended in the last monitoring report in 2017 that semiannual monitoring continue for 2018. However, there is no documentation following this report. Since FDEP records indicate that this is the only area with contamination, it is not expected to affect dewatering activities because it is located approximately 1,400 feet from the project limits. However, this facility ID covers multiple buildings housing hazardous material, including agricultural chemicals, across much of the campus which is adjacent to the project. Due to the campus having a history of multiple cleanup areas, one currently having an active NAM status, and possible agricultural pollution, this site was assigned a “Medium” risk rating. The NAM and State-Owned Lands Cleanup Survey Site Reconnaissance reports can be found in **Appendix L**.

- **Site 12: FL Dept of Corrections**
FDEP Facility ID: 8732080
13617 SE Hwy 70
Arcadia, FL 34266

This site includes multiple petroleum storage tanks located at the Florida Department of Corrections/Dorr Field. In December 1996, groundwater samples were found to exceed GCTLs for petroleum contaminants of concern at the Maintenance Building approximately 1,600 feet from the ROW. In January 1998, groundwater samples were found to be below GCTLs and a Site Rehabilitation Completion Order (SRCO) was issued in April 1998. There are in service petroleum ASTs registered at this site and all registered USTs have been removed from the site. There is one 5,000-gallon AST, containing emergency generator diesel fuel, located near the entrance of the facility. Due to this petroleum AST being adjacent to the ROW, this site was assigned a “Medium” risk rating.

- **Site 13: FP&L Company - Dorrfield Substation**
FDEP Facility ID: FLR000124859
12942 NE Hwy 70
Arcadia, FL 34266

This site is classified as a Conditionally Exempt Small Quantity Generator (CESQG) of hazardous waste (less than 220 lbs./month of non-acute hazardous waste). The only database documentation for this site is the Initial Notification of Regulated Waste Activity dated January 2006. The reported hazardous waste being handled at this site is corrosive waste and lead. The documentation from 2006 also describes the 0.5-acre enclosed area to consists of structures including an electrical switchyard area, electrical control building, paved access road, and parking area. Due to insufficient documentation on this site and its close proximity to the project, this site was assigned a “Medium” risk rating.

- **Site 14: Basewide - Dorr Field**
FDEP Facility ID: ERIC_17342
13615 SE Hwy 70
Arcadia, FL 34266

This site is a Waste Cleanup and Formerly Used Defense Site (FUDS). Dorr Field is a former World War I and World War II military airfield that is now categorized for agricultural land use. In 1917-1918, 640 acres were leased for an army aviation camp. Likely contaminants from FUDS sites are hazardous waste, petroleum, and explosive compounds. The Department of Defense (DOD), and the U.S. Army Corps of Engineers (USACE), is responsible for the environmental restoration of FUDS properties which were cleaned up according to the best practices at the time and now require further assessment. This site is not listed on the National Priorities List (NPL) and has not been further remediated by the USACE. There are no FDEP records for this site. However, Dorr Field covers the entire area where Desoto Correctional Institute is located which contains multiple FDEP contamination facilities that have been assessed and are documented in this report. Due to the lack of site assessment documentation for this site and the FDEP database listing the contamination type as unknown, this site was assigned a “Medium” risk rating. The USACE Formerly Used Defense Site Program Management Action Plan can be found in **Appendix L**.

- **Site 16: Desoto Recycling & Disposal**
FDEP Facility ID: 95046
13250 NE Hwy 70
Arcadia, FL 34266

This site is an active Class III landfill and yard trash disposal facility with no known history of contamination. Groundwater sampling, performed as part of construction permitting, was last conducted in May 2024. Groundwater samples exceeded GCTLs for arsenic, iron, ammonia, total dissolved solids, and chloride. The presence of arsenic and iron is likely attributed to natural background levels, as the property has historically been used for agricultural purposes. Semi-annual sampling is recommended to continue monitoring. Notably, iron was the only compound exceeding GCTLs in the monitoring well within 500-ft of the project. Due to this having the potential to affect permitting if local dewatering is necessary, this site has been assigned a “Medium” risk rating. The Semi-Annual Sampling Report can be found in **Appendix L**.

- **Site 18: Desoto C&D Disposal Facility**
FDEP Facility ID: 92117
14662 NW Hwy 70
Arcadia, FL 34266

This solid waste facility is used as a supplemental disposal site for construction and demolition debris from Desoto Recycling and Disposal (DRD) which is located adjacent to the facility. The facility is in active groundwater monitoring due to a leachate storage impoundment leak detected on November 8, 2010, and the facility is seeking permit for expansion of the site. A sump pump was left pumping overnight resulting in over 100,000 gallons of leachate being released to the ground outside of impoundment #1 and the truck loading pad. All dirt that came in contact with the leachate was excavated and disposed of into the landfill and the leachate system was corrected on April 27, 2011. The most recent groundwater sampling was done in March 2024. GCTLs for arsenic were exceeded within 500 feet of the project. Due to possible contamination being present within 500 feet of the project area, this site was assigned a “Medium” risk rating. The most recent Compliance Monitoring Report can be found in **Appendix L**.

- **Site 19: Alico, Inc.**
FDEP Facility ID: None
15562 NE Hwy 70
Arcadia, FL 34266

This site is an active citrus orchard that traverses approximately 3.4 miles along the north side of the project corridor, at NE 4 Mile Grade Road and east of Desoto Recycling and Disposal. There is no documented contamination or storage tanks on the property. Due to this being active farmland, this site was assigned a “Medium” risk rating.

- **Site 21: Rainbow Grove**
FDEP Facility ID: 8839822
17992 NE Hwy 70
Arcadia, FL 34266

This site is an active citrus orchard that traverses approximately 1.1 miles along the northeast side of the project corridor. There are nine registered petroleum ASTs in service at the site, which are shown in the DEP database to be located more than 2,000 feet from the ROW. There is no recent documentation on the tanks since the last registration forms in 1993. Due to this being active farmland, this site was assigned a “Medium” risk rating.

4.2 Site Rating: Low

- **Site 4: Walgreens Pharmacy**
FDEP Facility ID: None
2575 NE Hwy 70
Arcadia, FL 34266

This facility was identified during the field review on September 18, 2024, and is not registered with FDEP. This site is an active retail pharmacy which generally is a small quantity hazardous waste generator. There were no visible contamination issues identified during the field review. Due to the type of wastes generated by pharmacies generally having a low chance of contamination impacts, this site was assigned a “Low” risk rating.

- **Site 8: Desoto Auto Mall**
FDEP Facility ID: FLR000025288
3039 SE Hwy 70
Arcadia, FL 34266

This facility is an automotive sales and maintenance shop that operates a multi-bay vehicle wash. It is categorized as a Conditionally Exempt Small Quantity Generator (CESQG) of hazardous waste. The facility received a violation in 2006 including inadequate training of personnel in proper waste handling and emergency procedure, failure to stop leaking and clean up spilled oil, and improperly marked containers. A warning letter was issued in December 2010 for operating a multi-bay carwash without an appropriate FDEP Industrial Wastewater Permit. The Complaint Inspection also identified a discharge of process wastewater from the carwash to a stormwater system. Corrective actions were marked completed and the facility in compliance in March 2011. Due to there not being any current contamination issues, this site was assigned a “Low” risk rating.

4.3 Site Rating: No

- **Site 3: Publix Super Market #1528**
FDEP Facility ID: FLR000257303/9814989
2551 SE Hwy 70
Arcadia, FL 34266

This facility is an active retail grocery with a pharmacy, classified as a very small quantity generator (VSQG) of non-acute hazardous waste. There is one AST containing emergency generator fuel at this facility with no record of violations. Due to there being no history of contamination and the site not being in close proximity to the project, this site was assigned a “No” risk rating.

- **Site 5: Whitman Drainage Co**
FDEP Facility ID: 8838642
Corner of SR 70 E & SR 31
Arcadia, FL 33821

This facility, now closed, contained one petroleum AST installed in 1984. The storage tank was reported to be removed from the site. Due to there not being a history of contamination, this site was assigned a “No” risk rating.

- **Site 6: Walmart Supercenter #811**
FDEP Facility ID: FLR000096792/9805761/9815778
2725 SE Hwy 70
Arcadia, FL 34266

This facility is an active retail store and grocery with a pharmacy, classified as a VSQG of non-acute hazardous waste. There are two ASTs in service at the site, one containing emergency generator fuel and the other containing waste oil. There was one waste oil AST removed from the site. Due to there being no history of contamination and the site not being in close proximity to the project, this site was assigned a “No” risk rating.

- **Site 10: DeSoto Correctional Institution WWTF Lift Station 1**
FDEP Facility ID: 9813832
13615 SE Hwy 70
Arcadia, FL 34266

This site is a lift station located at the Florida Department of Corrections/Dorr Field with one in-service petroleum AST. Due to there not being any history of contamination, this site was assigned a “No” risk rating.

- **Site 15: Florida Civil Commitment Center**
FDEP Facility ID: ERIC_14896
13619 SE Hwy 70
Arcadia, FL 34266

This site is a rehabilitation and recovery center. This is a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site due to a complaint from citizens at the center that included a concern about contamination from surrounding sites and water supply. The CERCLA assessment was completed October 2015. Due to the assessment being completed with no contamination found, this site was assigned a “No” risk rating.

- **Site 17: Pride Enterprises – Desoto Cattle**
FDEP Facility ID: 8735792
SR 70 11 mi E of Arcadia
Arcadia, FL 33821

This site is a closed cattle ranching operations facility which contained four petroleum ASTs and USTs that were removed from the site. Closure assessments were completed in 1992 and 1999. Due to the findings of these evaluations, this site was assigned a “No” risk rating.

- **Site 20: Rum Creek Ranch**
FDEP Facility ID: 8520877
1114 SE Lake Browning Grade (SR 70)
Arcadia, FL 34266

This site, formerly Rum Creek cattle ranch, contained petroleum USTs and ASTs, which have since been removed. A closure assessment was completed in June 2009. During the field review, there were no petroleum tanks or visible contamination found near the site. Due to there not being a history of contamination, this site was assigned a “No” risk rating.

Table 4-1 Summary of Identified Contamination Sites

Site Number	Name/Address	Facility ID/Source	Approx. Dist. to ROW (ft.)	Contaminants of Concern	Facility Status	Database*	Tank Status	Inspection/Cleanup Status**	Site Rating
1	Cemex - Arcadia Ready Mix E Hwy 70 Arcadia, FL 34266	8520851	140 South	Vehicular Diesel, Leaded Gas	Closed	UST, AST	1-4,000 GAL UST / CLOSED IN PLACE 1-1,000 GAL UST / CLOSED IN PLACE 1-4,000 GAL AST / REMOVED	-	Medium
2	Take 5 Oil Change 2307 SE Hwy 70 Arcadia, FL 34266	Field Review	140 South	Automotive by- products	Open	-	-	-	Medium
3	Publix Super Market #1528 2551 SE Hwy 70 Arcadia, FL 34266	FLR000257303 / 9814989	780 South	Small quantity generator products, Emergency Generator Diesel	Open	VSQG, AST	1-1,000 GAL AST / IN SERVICE	-	No
4	Walgreens Pharmacy 2575 NE Hwy 70 Arcadia, FL 34266	Field Review	160 South	Pharmaceutical products	Open	-	-	-	Low
5	Whitman Drainage Co Corner of SR 70 E & SR 31 Arcadia, FL 33821	8838642	10 South	Vehicular Diesel	Closed	AST	1-1,000 GAL AST / REMOVED	-	No
6	Walmart Supercenter #811 2725 SE Highway 70 Arcadia, FL 34266	FLR000096792 / 9805761 / 9815778	740 South	Small quantity generator products, Emergency Generator Diesel, Waste Oil	Open	CHAZ, AST	1-700 GAL AST / IN SERVICE 1-2,000 GAL AST / IN SERVICE 1-800 GAL AST / REMOVED FROM SITE	-	No
7	Murphy US #6902 2769 SE Hwy 70 Arcadia, FL 34266	9805491	160 South	Unleaded Gas	Open	UST	2-20,000 GAL UST / IN SERVICE	In compliance	Medium
FDEP Database*: AST – Aboveground Storage Tank CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act CESQG – Conditional Exempt Small Quantity Generator CHAZ – Compliance and Enforcement Tracking for HAZardous FUDS – Formerly Used Defense Site LUST – Leaking Underground Storage Tank						SWF – Solid Waste Facility UST – Underground Storage Tank VSQG – Very Small Quantity Generator Cleanup Status**: NAM – Natural Attenuation Monitoring NFA – No Further Action			

Table 4-1 Summary of Identified Contamination Sites

Site Number	Name/Address	Facility ID/Source	Approx. Dist. to ROW (ft.)	Contaminants of Concern	Facility Status	Database*	Tank Status	Inspection/Cleanup Status**	Site Rating
8	Desoto Auto Mall 3039 SE Hwy 70 Arcadia, FL 34266	FLR000025288	400 South	Automotive by-products, Heavy metals	Open	CESQG	-	Corrective Actions Complete	Low
9	Harrison Property SE County Road 760 Arcadia, FL 34266	Field Review	50 South	Agricultural chemicals	Active	-	-	-	Medium
10	DeSoto Correctional Inst WWTF Lift Station 1 13615 SE Hwy 70 Arcadia, FL 34266	9813832	350 South	Emergency Generator Diesel	Open	AST	1-1,000 GAL AST / IN SERVICE	-	No
11	Desoto Correctional Inst Work Camp and Annex Part A-2002 13617 SE Hwy 70 Arcadia, FL 34266	ERIC_6124	1,400 South	Petroleum, SVOCs	Open	Waste Cleanup	1-UST / REMOVED FROM SITE	NAM	Medium
12	FL Dept of Corrections 13617 SE Hwy 70 Arcadia, FL 34266	8732080	40 South	Vehicular Diesel, Emergency Generator Diesel, Unleaded Gas, Waste Oil, Fuel Oil-Onsite Heat	Open	LUST	IN SERVICE: 1-3,000 GAL AST 1-560 GAL AST 1-5,000 GAL AST 1-500 GAL AST 1-1,500 GAL AST 1-1,000 GAL AST REMOVED FROM SITE: 1-1,000 GAL UST 1-2,500 GAL UST 1-3,000 GAL UST 1-750 GAL AST CLOSED IN PLACE: 1-700 GAL AST OUT OF SERVICE: 1-10,000 GAL AST	NFA	Medium
FDEP Database*:									
AST – Aboveground Storage Tank						SWF – Solid Waste Facility			
CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act						UST – Underground Storage Tank			
CESQG – Conditional Exempt Small Quantity Generator						VSQG – Very Small Quality Generator			
CHAZ – Compliance and Enforcement Tracking for HAZardous						Cleanup Status**:			
FUDS – Formerly Used Defense Site						NAM – Natural Attenuation Monitoring			
LUST – Leaking Underground Storage Tank						NFA – No Further Action			

Table 4-1 Summary of Identified Contamination Sites

Site Number	Name/Address	Facility ID/Source	Approx. Dist. to ROW (ft.)	Contaminants of Concern	Facility Status	Database*	Tank Status	Inspection/Cleanup Status**	Site Rating
13	FP&L Company - Dorrfield Substation 12942 NE Hwy 70 Arcadia, FL 34266	FLR000124859	260 North	Corrosive waste, Lead	Active	CESQG, CHAZ	-	-	Medium
14	Basewide - Dorr Field 13615 SE Hwy 70 Arcadia, FL 34266	ERIC_17342	Within Existing ROW	Unknown	Open	Waste Cleanup, FUDS	-	-	Medium
15	Florida Civil Commitment Center 13619 SE Hwy 70 Arcadia, FL 34266	ERIC_14896	2,350 South	CERCLA (Air/Drinking water contamination)	Open	Waste Cleanup	-	CERCLA Complete	No
16	Desoto Recycling & Disposal 13250 NE Hwy 70 Arcadia, FL 34266	95046	1,450 North	Arsenic, Iron, Ammonia, Total Dissolved Solids (TDS), Chloride	Active	SWF	-	In Compliance / Active Groundwater Monitoring	Medium
17	Pride Enterprises - Desoto Cattle SR 70 11 mi E of Arcadia Arcadia, FL 33821	8735792	340 South	Vehicular Diesel, Miscellaneous Petrol-Based Product	Closed	AST, UST	1-1,000 GAL AST / REMOVED FROM SITE 2-1,000 GAL UST / REMOVED FROM SITE	Closure Assessment Complete	No
18	Desoto C&D Disposal Facility 14662 NW Hwy 70 Arcadia, FL 34266	92117	820 North	Source-separated organics, Construction/Demolition Debris, Disaster Debris	Active	SWF	-	In Compliance / Active Groundwater Monitoring	Medium
19	Alico, Inc. 15562 NE Hwy 70 Arcadia, FL 34266	Field Review	180 North	Agricultural chemicals	Active	-	-	-	Medium

FDEP Database*:

AST – Aboveground Storage Tank
 CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act
 CESQG – Conditional Exempt Small Quantity Generator
 CHAZ – Compliance and Enforcement Tracking for HAZardous
 FUDS – Formerly Used Defense Site
 LUST – Leaking Underground Storage Tank

SWF – Solid Waste Facility
 UST – Underground Storage Tank
 VSQG – Very Small Quantity Generator

Cleanup Status:**

NAM – Natural Attenuation Monitoring
 NFA – No Further Action

Table 4-1 Summary of Identified Contamination Sites

Site Number	Name/Address	Facility ID/Source	Approx. Dist. to ROW (ft.)	Contaminants of Concern	Facility Status	Database*	Tank Status	Inspection/Cleanup Status**	Site Rating
20	Rum Creek Ranch 1114 SE Lake Browning Grade (SR 70) Arcadia, FL 34266	8520877	200 South	Vehicular Deisel, Unleaded Gas, Generator/Pump Diesel	Closed	UST, AST	2-10,000 GAL UST / REMOVED FROM SITE 2-1,000 GAL AST / REMOVED FROM SITE	-	No
21	Rainbow Grove 17992 NE Hwy 70 Arcadia, FL 34266	8839822	200 North	Agricultural chemicals, Unleaded Gas, Vehicular Diesel	Active	AST	7-550 GAL AST / IN SERVICE 2-500 AST / IN SERVICE	-	Medium

FDEP Database*:

AST – Aboveground Storage Tank
 CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act
 CESQG – Conditional Exempt Small Quantity Generator
 CHAZ – Compliance and Enforcement Tracking for HAZardous
 FUDS – Formerly Used Defense Site
 LUST – Leaking Underground Storage Tank

SWF – Solid Waste Facility
 UST – Underground Storage Tank
 VSQG – Very Small Quality Generator

Cleanup Status:**

NAM – Natural Attenuation Monitoring
 NFA – No Further Action

5 SUMMARY AND RECOMMENDATIONS

5.1 Summary of Sites Identified During Review

The regulatory, literature, and field review conducted for this CSER identified a total of 21 sites as potential contamination sources located within or adjacent to the project corridor. Of the 21 sites, 12 sites were rated as having a “Medium” potential for contamination impact, 2 sites were rated as having a “Low” potential for contamination impact, and 7 sites were rated as having “No” potential for contamination impact.

The following sites were rated Medium:

- Site 1 – Cemex – Arcadia Ready Mix
- Site 2 – Take 5 Oil Change
- Site 7 – Murphy US #6902
- Site 9 – Harrison Property
- Site 11 – DeSoto Correctional Institute Work Camp and Annex
- Site 12 – FL Dept. of Corrections
- Site 13 - FP&L Company – Dorrfield Substation
- Site 14 – Basewide – Dorr Field
- Site 16 - Desoto Recycling & Disposal
- Site 18 –DeSoto C&D Disposal Facility
- Site 19 – Alico, Inc.
- Site 21 – Rainbow Grove

Two sites, Site 7 and Site 16, may require NPDES dewatering permits if dewatering is necessary during construction activities. A site that does not meet the conditions of Part 3.4.3 of the Construction Generic Permit (CGP) may qualify for coverage under Rule 62-621.300(1), F.A.C., or under an individual wastewater permit on the appropriate form listed in Rule 62-620.910, F.A.C.

5.2 Recommendations

Prior to any land acquisition or the start of construction, it is recommended that the current status of all sites identified during this evaluation be updated by reviewing the regulatory databases. It is also recommended that all sites that currently have active USTs and/or ASTs be re-evaluated prior to any land acquisition. Additional testing efforts will be determined by the District Contamination Impact Coordinator (DCIC) and the Office of Environmental Management (OEM).

The construction for this project is not expected to face any significant contamination-related impacts. The evaluation indicates that any potential issues will likely be resolved with Level III construction support activities such as source removal, effluent treatment, and asbestos abatement. Other minor support for well abandonments or adjustments may also be needed.

The average cost estimate for asbestos and metal-based coating surveys is approximately \$6,000 per structure. The estimated cost for Level II soil and groundwater sampling ranges from \$5,000 to \$10,000 per site. Level III water treatment support costs may vary from \$25,000 to \$100,000, depending on local dewatering requirements.

5.3 Potential for Asbestos and Lead Based Paint

Buildings and bridge structures constructed prior to the regulation of asbestos and lead-based paint have a potential for hazardous material impacts during demolition. The use of asbestos materials was banned in 1977. Lead-based paint was banned in 1978. As a result, structures constructed prior to 1980 have a HIGH potential to contain asbestos and/or lead-based paint. A review of the DeSoto County Property Appraiser's database indicates there are structures within the project corridor that were constructed prior to 1980. All five concrete culverts within the project limits (listed in Section 1.3) were built in 1959. Reconstruction of the culvert over Tiger Bay (No. 040031) was done in 1979. The two concrete slab bridges over Whidden Creek (No. 040024) and Joshua Creek (No. 040027) were built in 1960 and 1959, respectively.

Bridge demolition could result in potential hazardous material impacts during the removal, handling, and disposal of the materials on an existing structure. Since all of the bridges within the project limits were constructed prior to 1980, it is recommended that an Asbestos Containing Material (ACM) survey and a Metal Based Coating (MBC) survey be conducted on each bridge structure in accordance with the procedures recommended in the Right of Way Procedures Manual, Topic No. 575-000-000 prior to demolition.

Based on the age of the bridges, lead-based coating shall be assumed to be present within faying surfaces of splices and top flanges embedded in concrete decks as well as other surfaces. Abatement plans for handling, management and removal of asbestos-containing materials and lead-based coating must be prepared before demolition, modification, or rehabilitation of the bridge.

6 REFERENCES

- “Aquifer Characteristics within the Southwest Florida Water Management District.” Technical Services Department Resource Regulation of the Southwest Florida Water Management District. March 2018.
- “Hydrologic Conditions for the month of May 2024.” Hydrologic Data Section, Data Collection Bureau, Southwest Florida Water Management District. June 25, 2024.
- “Map Book: Potentiometric Surface of the Upper Floridan Aquifer from 2011 to Present.” Hydrologic Data Section, Data Collection Bureau, Southwest Florida Water Management District. 2017.
- 2020 DeSoto County Comprehensive Plan (<https://desotobocc.com/departments/development>).
- DeSoto County Board of County Commissioners (<https://desotobocc.com/>).
- DeSoto County Geographic Information System (https://desotobocc.com/department/code_enforcement/gis-geographic-information-system).
- DeSoto County Property Appraiser (<https://www.desotopa.com/>).
- Florida Department of Environmental Protection, Consolidated Electronic Document Management System (OCULUS).
- Florida Department of Environmental Protection, Interactive Geographic Information System Database (Map Direct).
- Florida Department of Environmental Protection, Storage Tanks & Contamination Monitoring (STCM) Database.
- Library of Congress Sanborn Maps (<https://www.loc.gov/collections/sanborn-maps/>).
- Southwest Florida Water Management District (<https://www.swfwmd.state.fl.us/>).
- Southwest Florida Water Management District Geospatial Open Data Portal (<https://data-swfwmd.opendata.arcgis.com/>).
- United States Department of Agriculture (USDA) Web Soil Survey (<https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>).

Appendix A – Preliminary Concept Plans

**CONTRACT PLANS COMPONENTS
INDEX OF RFP CONCEPT PLANS**

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2-119	ROADWAY PLANS

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

RFP CONCEPT PLANS

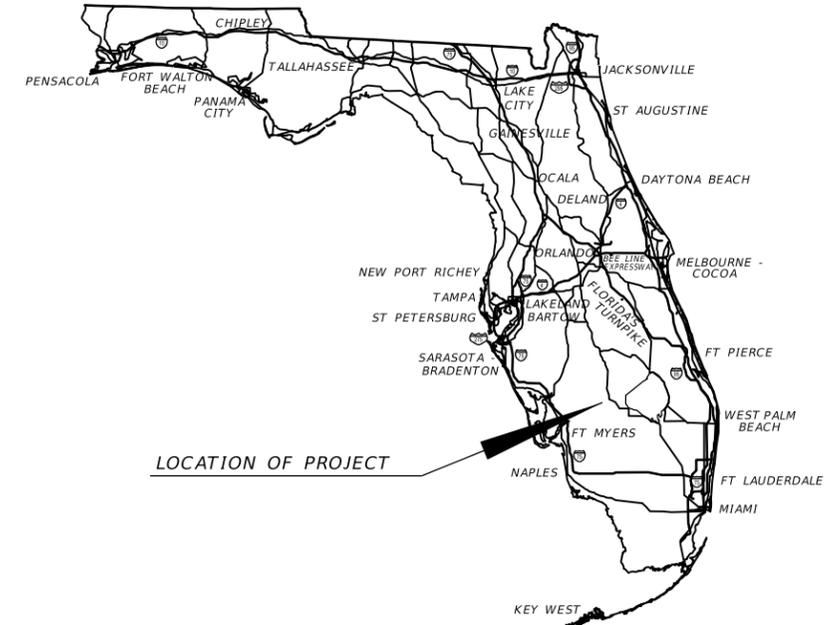
FINANCIAL PROJECT ID 451942-2-52-01

DESOTO COUNTY (04040)

STATE ROAD NO. 70
ADD LANES AND RECONSTRUCTION

FROM WEST OF SR 31 TO THE HIGHLANDS COUNTY LINE

PROJECT LOCATION URL:	https://tinyurl.com/Y9623uwm https://tinyurl.com/3v7essae
PROJECT LIMITS:	BEGIN M.P. 14.973 - END M.P. 31.763
EXCEPTIONS:	NONE
BRIDGE LIMITS:	040024 - M.P. 16.896-16.919 040027 - M.P. 19.705-19.728
RAILROAD CROSSING:	NONE



LOCATION OF PROJECT

**RFP CONCEPT PLANS
DEVELOPED BY:**

NICOLAS LEON, P.E.
P.E. LICENSE NUMBER 78538
HNTB CORPORATION
201 N FRANKLIN ST SUITE 1200
TAMPA, FL 33602
(813) 402-4150

FDOT PROJECT MANAGER:

JOSEPH M. LAUK, P.E.

GOVERNING STANDARD PLANS:

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

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

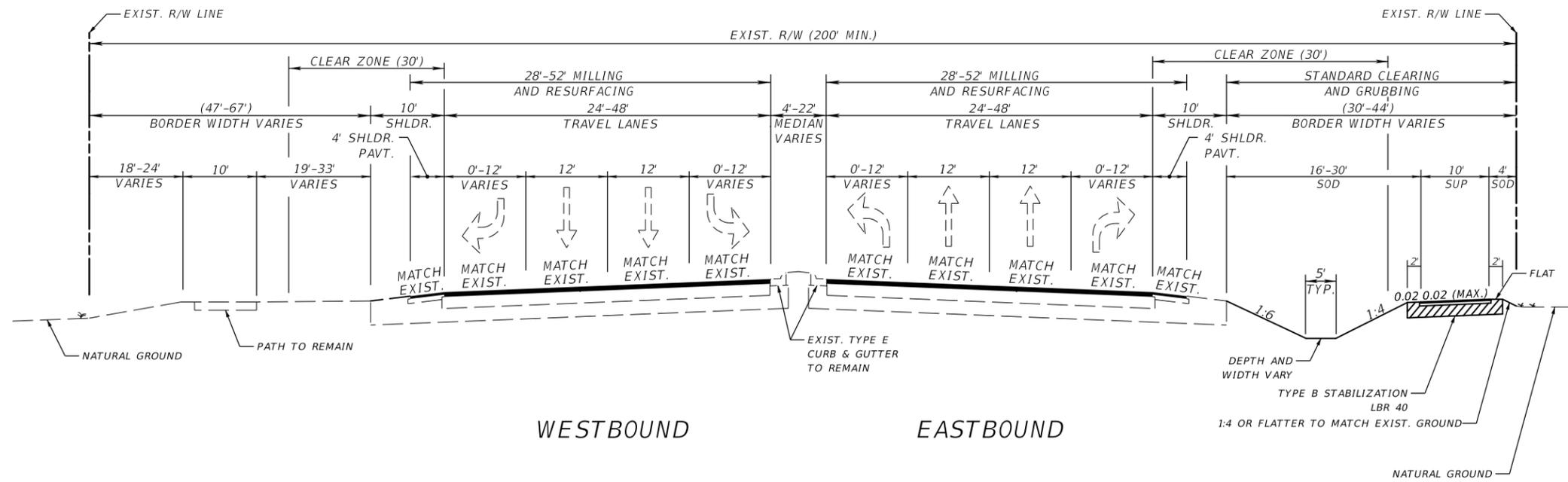
GOVERNING STANDARD SPECIFICATIONS:

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

Clip Sheets For Utility Greenlines
October 22, 2024

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	26	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



WESTBOUND EASTBOUND

MILLING & RESURFACING
SR 70
M.P. 14.973 TO M.P. 15.748
(STA. 4006+64.47 TO STA. 4043+00.00)

NOT TO SCALE

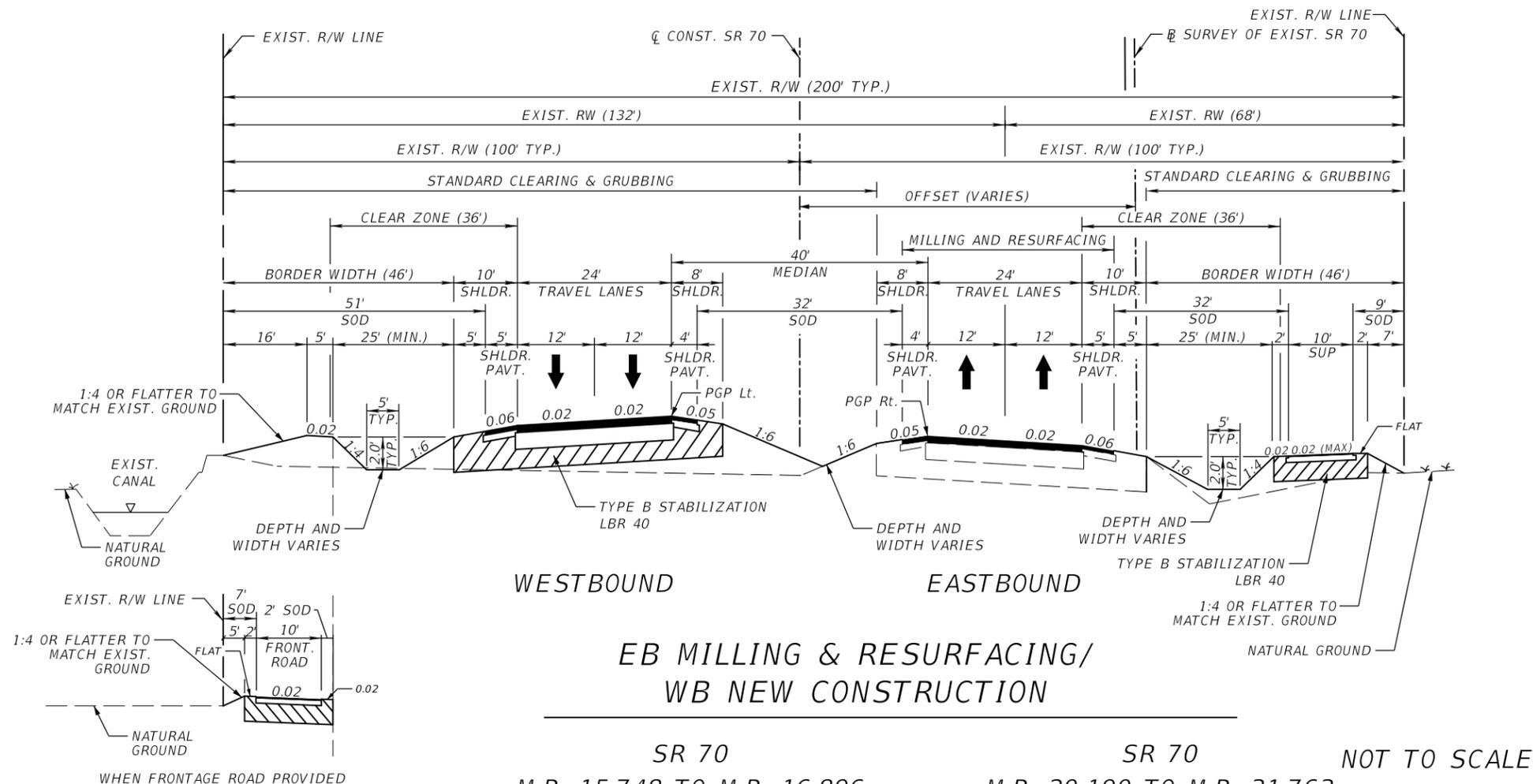
MILLING & RESURFACING
 MILL EXIST. PAVEMENT (3")
 RESURFACE WITH
 TYPE SP (TRAFFIC C) (PG 76-22) (1.5")
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5")

TRAFFIC DATA

CURRENT YEAR = 2024 AADT = 13700
 ESTIMATED OPENING YEAR = 2030 AADT = 14200
 ESTIMATED DESIGN YEAR = 2050 AADT = 15900
 K = 9% D = 54.3% T = 14.9% (24 HOUR)
 DESIGN HOUR T = 7.5%
 DESIGN SPEED = 55 MPH
 POSTED SPEED = 45 MPH (MP 14.973 - 15.551) & 55 MPH (MP 15.551 - 15.748)
 TARGET SPEED = 45 MPH (MP 14.973 - 15.551) & 55 MPH (MP 15.551 - 15.748)
 CONTEXT CLASSIFICATION = C2 - RURAL

NOTE: PAVEMENT DESIGNS ARE PRELIMINARY AND SUBJECT TO FINAL FDOT REVIEW AND APPROVAL.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON, P.E. LICENSE NUMBER: 78538 HNTB CORP 555 NORTH BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						70	DESOTO	451942-2-52-01	2
TYPICAL SECTION									



**EB MILLING & RESURFACING/
WB NEW CONSTRUCTION**

SR 70 SR 70 NOT TO SCALE

M.P. 15.748 TO M.P. 16.896 M.P. 20.190 TO M.P. 31.763
 (STA. 4043+00.00 TO 4105+60.00) (STA. 4382+96.10 TO 4980+15.00)
 M.P. 16.919 TO M.P. 19.705 (STA. 4106+80.00 TO 4253+80.00)
 M.P. 19.728 TO M.P. 20.190 (STA. 4255+20.00 TO 4382+96.10)

TRAVEL LANES & TURN LANES

OPTIONAL BASE GROUP 9
TYPE SP (TRAFFIC C) (3.0")
FC-5 (PG 76-22) (0.75")

PAVED SHOULDERS

OPTIONAL BASE GROUP 1
TYPE SP (TRAFFIC C) (1.50")
FC-5 (PG 76-22) (0.75")

SHARED USE PATH

OPTIONAL BASE GROUP 1
TYPE SP (TRAFFIC C) (1.5")

TRAVEL LANES & TURN LANES

OPTIONAL BASE GROUP 10
TYPE SP (TRAFFIC C) (3.0")
FC-5 (PG 76-22) (0.75")

PAVED SHOULDERS

OPTIONAL BASE GROUP 1
TYPE SP (TRAFFIC C) (1.50")
FC-5 (PG 76-22) (0.75")

SHARED USE PATH

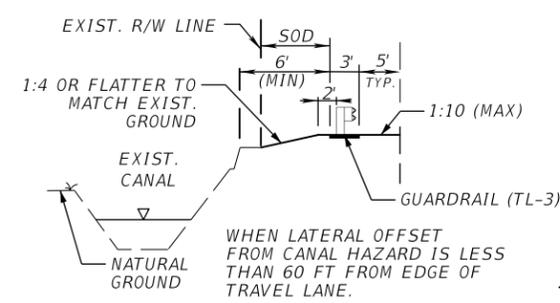
OPTIONAL BASE GROUP 1
TYPE SP (TRAFFIC C) (1.5")

EB MILLING & RESURFACING

MILL EXIST. PAVEMENT (3")
RESURFACE WITH
TYPE SP (TRAFFIC C) (PG 76-22) (1.5")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5")

TRAFFIC DATA

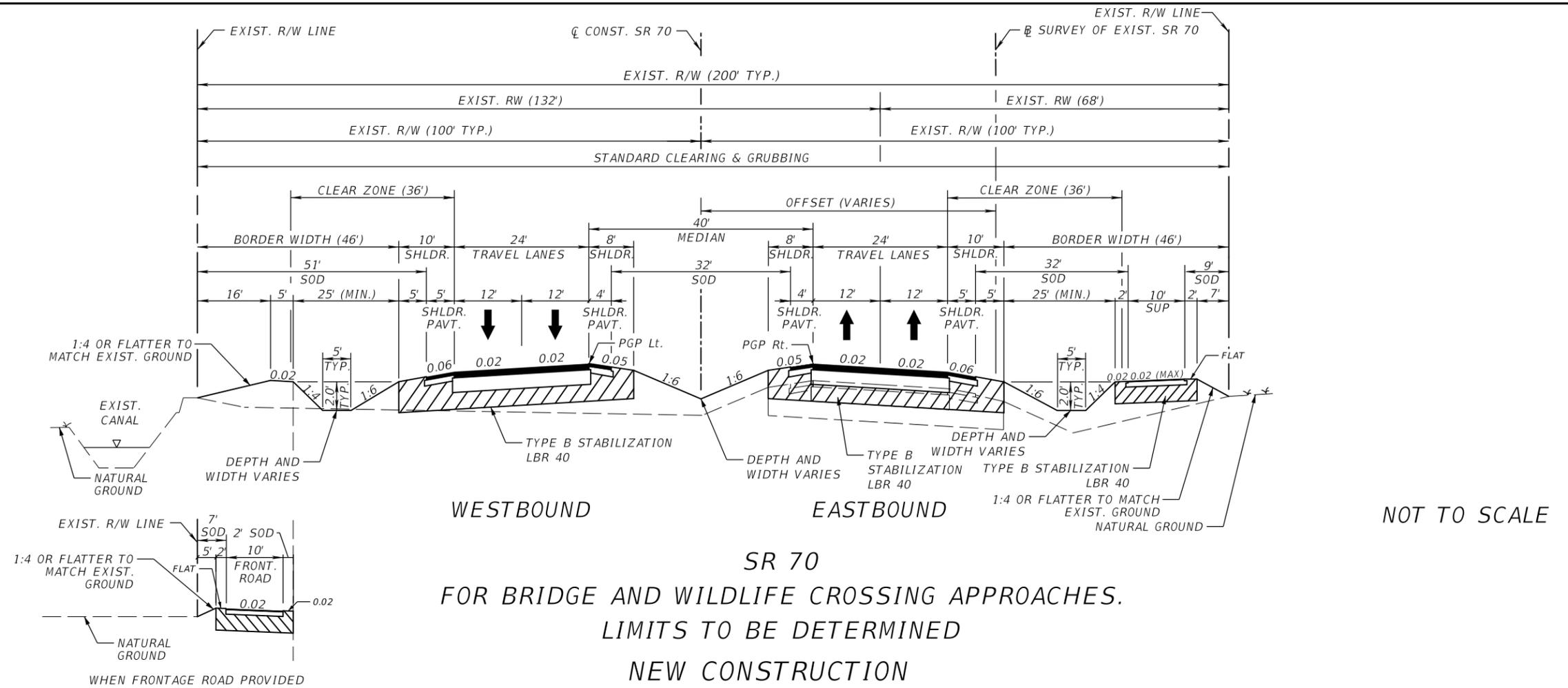
CURRENT YEAR = 2024 AADT = 13700
 ESTIMATED OPENING YEAR = 2030 AADT = 14200
 ESTIMATED DESIGN YEAR = 2050 AADT = 15900
 K = 9% D = 54.3% T = 14.9% (24 HOUR)
 DESIGN HOUR T = 7.5%
 DESIGN SPEED = 65 MPH
 POSTED SPEED = 65 MPH
 TARGET SPEED = 65 MPH
 CONTEXT CLASSIFICATION = C2 - RURAL



NOTE: PAVEMENT DESIGNS ARE PRELIMINARY AND SUBJECT TO FINAL FDOT REVIEW AND APPROVAL.

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON, P.E. LICENSE NUMBER: 78538 HNTB CORP 555 NORTH BROADWAY AVE BARTOW, FL 33830	70	DESOTO	451942-2-52-01	TYPICAL SECTION 3

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SR 70
 FOR BRIDGE AND WILDLIFE CROSSING APPROACHES.
 LIMITS TO BE DETERMINED
NEW CONSTRUCTION
SR 70
 M.P. 15.748 TO M.P. 20.190
 (STA. 4043+00.00 TO STA. 4382+96.10) (STA. 4382+96.10 TO STA. 4980+15.00)

TRAVEL LANES & TURN LANES

OPTIONAL BASE GROUP 9
 TYPE SP (TRAFFIC C) (3.0")
 FC-5 (PG 76-22) (0.75")

PAVED SHOULDERS

OPTIONAL BASE GROUP 1
 TYPE SP (TRAFFIC C) (1.50")
 FC-5 (PG 76-22) (0.75")

SHARED USE PATH

OPTIONAL BASE GROUP 1
 TYPE SP (TRAFFIC C) (1.5")

TRAVEL LANES & TURN LANES

OPTIONAL BASE GROUP 10
 TYPE SP (TRAFFIC C) (3.0")
 FC-5 (PG 76-22) (0.75")

PAVED SHOULDERS

OPTIONAL BASE GROUP 1
 TYPE SP (TRAFFIC C) (1.50")
 FC-5 (PG 76-22) (0.75")

SHARED USE PATH

OPTIONAL BASE GROUP 1
 TYPE SP (TRAFFIC C) (1.5")

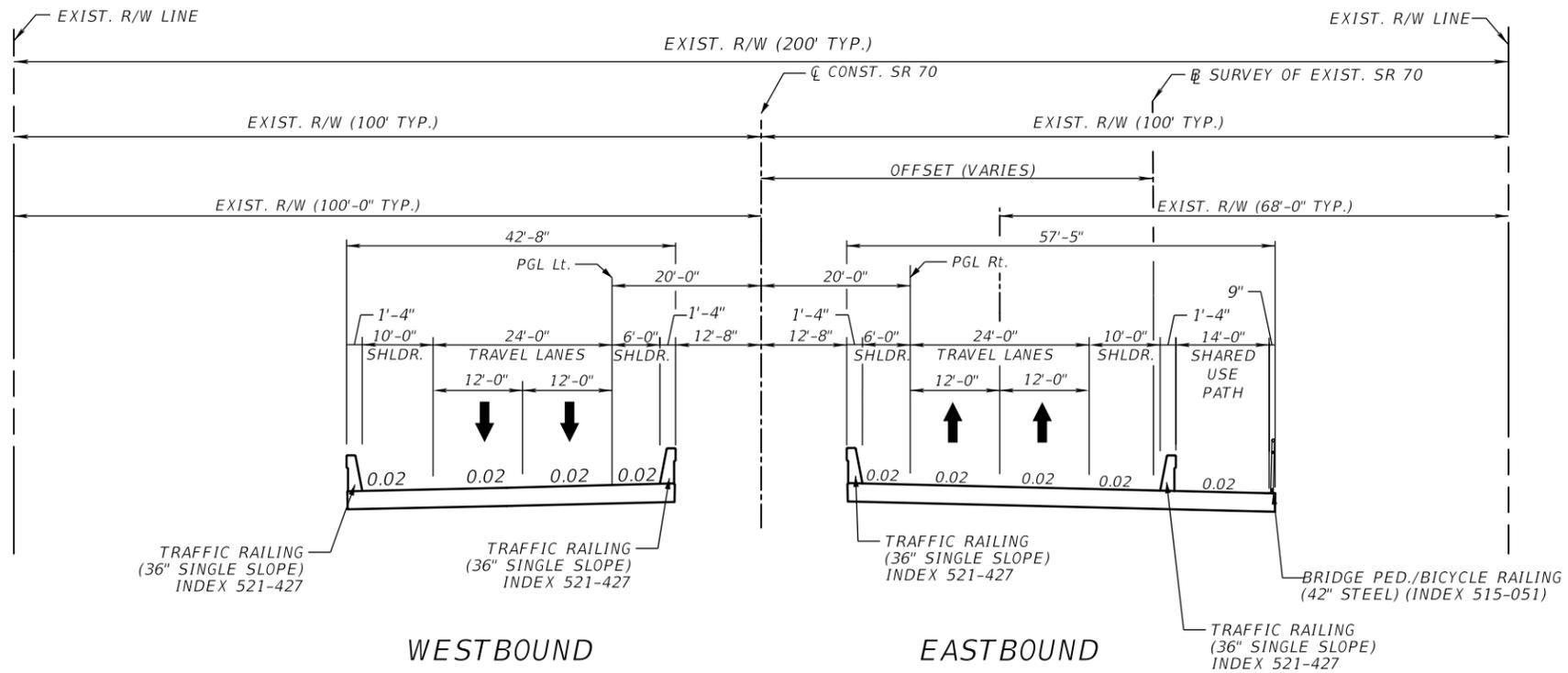
TRAFFIC DATA

CURRENT YEAR	= 2024	AADT = 13700
ESTIMATED OPENING YEAR	= 2030	AADT = 14200
ESTIMATED DESIGN YEAR	= 2050	AADT = 15900
K = 9% D = 54.3% T = 14.9% (24 HOUR)		
DESIGN HOUR T = 7.5%		
DESIGN SPEED = 65 MPH		
POSTED SPEED = 65 MPH		
TARGET SPEED = 65 MPH		
CONTEXT CLASSIFICATION = C2 - RURAL		

NOTE: PAVEMENT DESIGNS ARE PRELIMINARY AND SUBJECT TO FINAL FDOT REVIEW AND APPROVAL.

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON, P.E. LICENSE NUMBER: 78538 HNTB CORP 555 NORTH BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						70	DESOTO	451942-2-52-01	TYPICAL SECTION
									4

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



SR 70 BRIDGE OVER WHIDDEN CREEK (#040024) AND
SR 70 BRIDGE OVER JOSHUA CREEK (#040027)
 M.P. 16.896 TO M.P. 16.919
 (STA. 4105+60.00 TO STA. 4106+80.00)
 M.P. 19.705 TO M.P. 19.728
 (STA. 4253+80.00 TO STA. 4255+20.00)

NOT TO SCALE

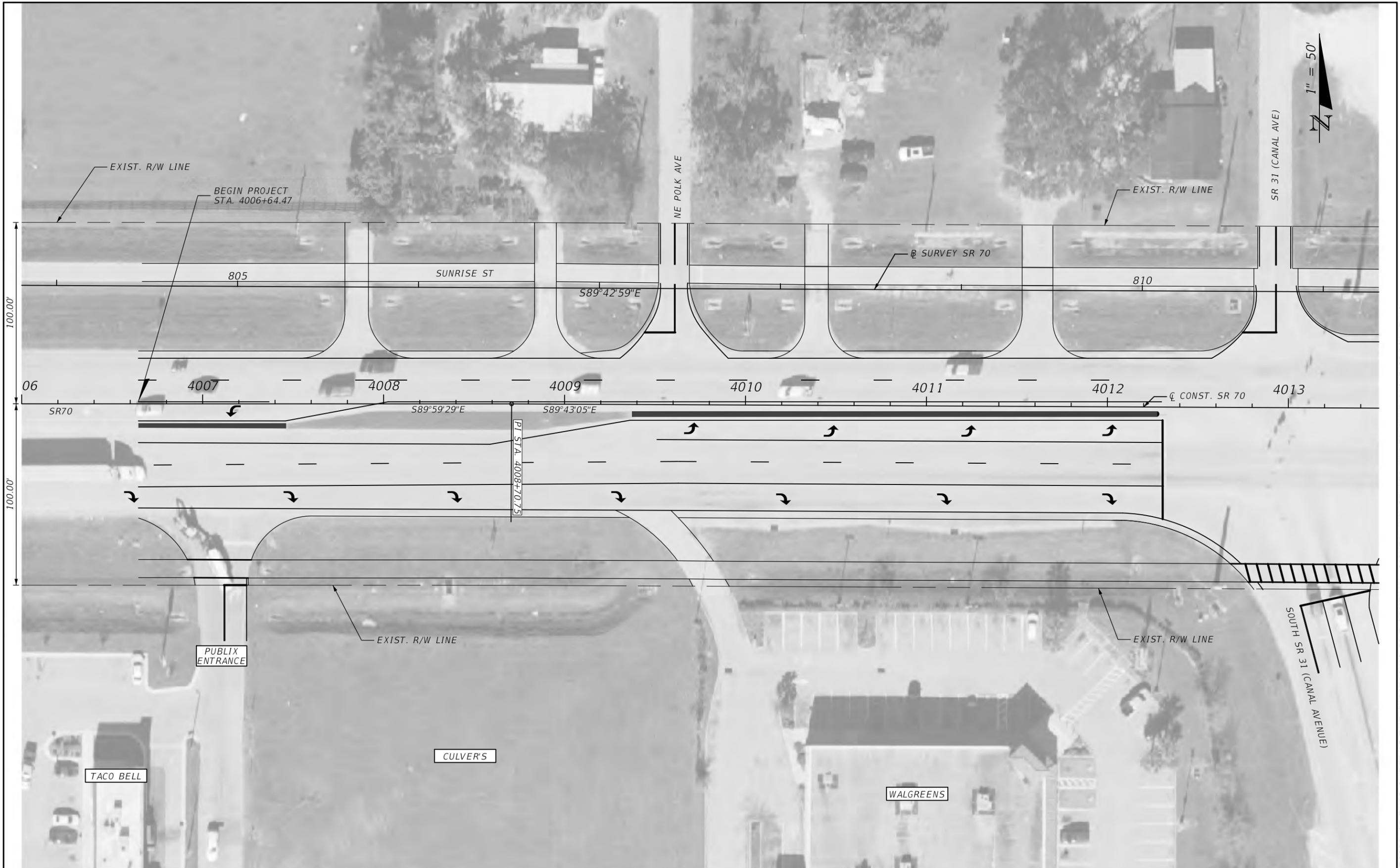
TRAFFIC DATA

CURRENT YEAR = 2024 AADT = 13700
 ESTIMATED OPENING YEAR = 2030 AADT = 14200
 ESTIMATED DESIGN YEAR = 2050 AADT = 15900
 K = 9% D = 54.3% T = 14.9% (24 HOUR)
 DESIGN HOUR T = 7.5%
 DESIGN SPEED = 65 MPH
 POSTED SPEED = 65 MPH
 TARGET SPEED = 65 MPH
 CONTEXT CLASSIFICATION = C2 - RURAL

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON, P.E. LICENSE NUMBER: 78538 HNTB CORP 555 NORTH BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							70	DESOTO	451942-2-52-01	5

TYPICAL SECTION

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (01)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		6
						SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (02)	SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830	SR 70	DESOTO	451942-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	8
							SR 70	DESOTO	451942-2-52-01	

ROADWAY PLAN (03)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	9

ROADWAY PLAN (04)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			SR 70	DESOTO	451942-2-52-01	10

ROADWAY PLAN (05)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	11

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	12

ROADWAY PLAN (07)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	13

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	14

ROADWAY PLAN (09)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



PL STA 878+56.33

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (10)		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	ROADWAY PLAN (10)		15
							SR 70	DESOTO	451942-2-52-01			

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	16
							SR 70	DESOTO	451942-2-52-01	

ROADWAY PLAN (11)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



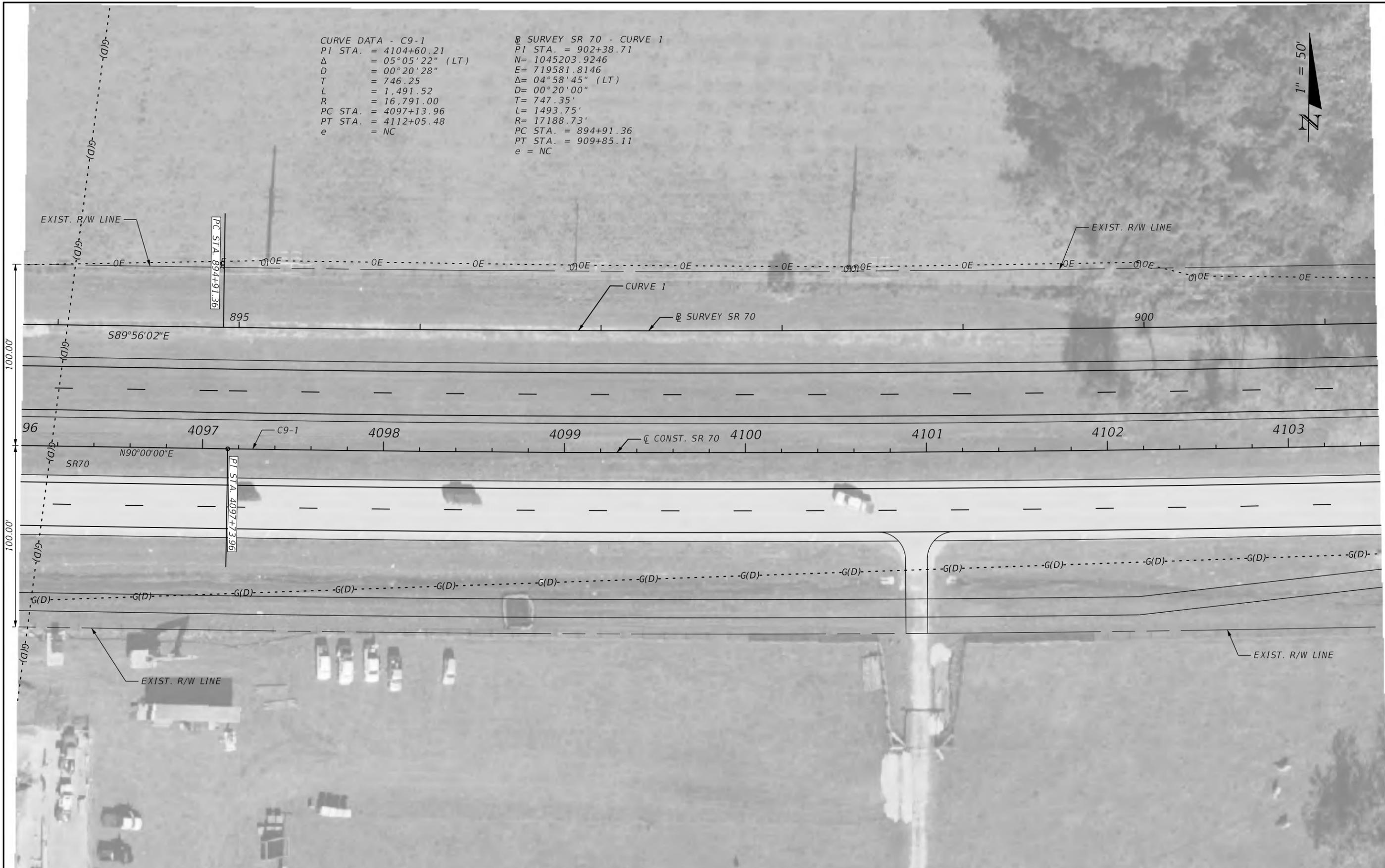
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	17

ROADWAY PLAN (12)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C9-1
 PI STA. = 4104+60.21
 Δ = 05°05'22" (LT)
 D = 00°20'28"
 T = 746.25
 L = 1,491.52
 R = 16,791.00
 PC STA. = 4097+13.96
 PT STA. = 4112+05.48
 e = NC

SURVEY SR 70 - CURVE 1
 PI STA. = 902+38.71
 N = 1045203.9246
 E = 719581.8146
 Δ = 04°58'45" (LT)
 D = 00°20'00"
 T = 747.35'
 L = 1493.75'
 R = 17188.73'
 PC STA. = 894+91.36
 PT STA. = 909+85.11
 e = NC



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	18

ROADWAY PLAN (13)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C9-1
 PI STA. = 4104+60.21
 Δ = 05°05'22" (LT)
 D = 00°20'28"
 T = 746.25
 L = 1,491.52
 R = 16,791.00
 PC STA. = 4097+13.96
 PT STA. = 4112+05.48
 e = NC

B SURVEY SR70 - CURVE 1
 PI STA. = 902+38.71
 N = 1045203.9246
 E = 719581.8146
 Δ = 04°58'45" (LT)
 D = 00°20'00"
 T = 747.35'
 L = 1493.75'
 R = 17188.73'
 PC STA. = 894+91.36
 PT STA. = 909+85.11
 e = NC



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	19

ROADWAY PLAN (14)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C9-1
 PI STA. = 4104+60.21
 Δ = 05°05'22" (LT)
 D = 00°20'28"
 T = 746.25
 L = 1,491.52
 R = 16,791.00
 PC STA. = 4097+13.96
 PT STA. = 4112+05.48
 e = NC

CURVE DATA - C9-2
 PI STA. = 4124+05.53
 Δ = 09°58'29" (RT)
 D = 00°44'57"
 T = 667.50
 L = 1,331.62
 R = 7,649.00
 PC STA. = 4117+38.03
 PT STA. = 4130+69.65
 e = 0.025

SURVEY SR70 - CURVE 1
 PI STA. = 902+38.71
 N = 1045203.9246
 E = 719581.8146
 Δ = 04°58'45" (LT)
 D = 00°20'00"
 T = 747.35'
 L = 1493.75'
 R = 17188.73'
 PC STA. = 894+91.36
 PT STA. = 909+85.11
 e = NC

SURVEY SR 70 - CURVE 2
 PI STA. = 921+95.99
 N = 1045371.6308
 E = 721532.8433
 Δ = 09°57'30" (RT)
 D = 00°45'00"
 T = 665.57'
 L = 1327.78'
 R = 7639.44'
 PC STA. = 915+30.42
 PT STA. = 928+58.20
 e = 0.025



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	20

ROADWAY PLAN (15)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C9-2
 PI STA. = 4124+05.53
 Δ = 09°58'29" (RT)
 D = 00°44'57"
 T = 667.50
 L = 1,331.62
 R = 7,649.00
 PC STA. = 4117+38.03
 PT STA. = 4130+69.65
 e = 0.025

SURVEY SR 70 - CURVE 2
 PI STA. = 921+95.99
 N = 1045371.6308
 E = 721532.8433
 Δ = 09°57'30" (RT)
 D = 00°45'00"
 T = 665.57'
 L = 1327.78'
 R = 7639.44'
 PC STA. = 915+30.42
 PT STA. = 928+58.20
 e = 0.025



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	21

ROADWAY PLAN (16)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA - C9-2
 PI STA. = 4124+05.53
 Δ = 09°58'29" (RT)
 D = 00°44'57"
 T = 667.50
 L = 1,331.62
 R = 7,649.00
 PC STA. = 4117+38.03
 PT STA. = 4130+69.65
 e = 0.025

SURVEY SR 70 - CURVE 2
 PI STA. = 921+95.99
 N = 1045371.6308
 E = 721532.8433
 Δ = 09°57'30" (RT)
 D = 00°45'00"
 T = 665.57'
 L = 1327.78'
 R = 7639.44'
 PC STA. = 915+30.42
 PT STA. = 928+58.20
 e = 0.025



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	22

ROADWAY PLAN (17)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C9-3
 PI STA. = 4143+79.68
 Δ = 04°57'38" (LT)
 D = 00°20'28"
 T = 727.33
 L = 1,453.74
 R = 16,791.00
 PC STA. = 4136+52.35
 PT STA. = 4151+06.09
 e = NC

SR SURVEY SR 70 - CURVE 3
 PI STA. = 941+50.84
 N = 1045199.4168
 E = 723483.4592
 Δ = 04°58'45" (LT)
 D = 00°20'00"
 T = 747.35'
 L = 1493.75'
 R = 17188.73'
 PC STA. = 934+03.49
 PT STA. = 948+97.24
 e = NC



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	23

ROADWAY PLAN (18)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C9-3
 PI STA. = 4143+79.68
 Δ = 04°57'38" (LT)
 D = 00°20'28"
 T = 727.33
 L = 1,453.74
 R = 16,791.00
 PC STA. = 4136+52.35
 PT STA. = 4151+06.09
 e = NC

⊕ SURVEY SR 70 - CURVE 3
 PI STA. = 941+50.84
 N = 1045199.4168
 E = 723483.4592
 Δ = 04°58'45" (LT)
 D = 00°20'00"
 T = 747.35'
 L = 1493.75'
 R = 17188.73'
 PC STA. = 934+03.49
 PT STA. = 948+97.24
 e = NC



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	24

ROADWAY PLAN (19)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C9-3
 PI STA. = 4143+79.68
 Δ = 04°57'38" (LT)
 D = 00°20'28"
 T = 727.33
 L = 1,453.74
 R = 16,791.00
 PC STA. = 4136+52.35
 PT STA. = 4151+06.09
 e = NC

SURVEY SR 70 - CURVE 3
 PI STA. = 941+50.84
 N = 1045199.4168
 E = 723483.4592
 Δ = 04°58'45" (LT)
 D = 00°20'00"
 T = 747.35'
 L = 1493.75'
 R = 17188.73'
 PC STA. = 934+03.49
 PT STA. = 948+97.24



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	25

ROADWAY PLAN (20)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	26

ROADWAY PLAN (21)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	27

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



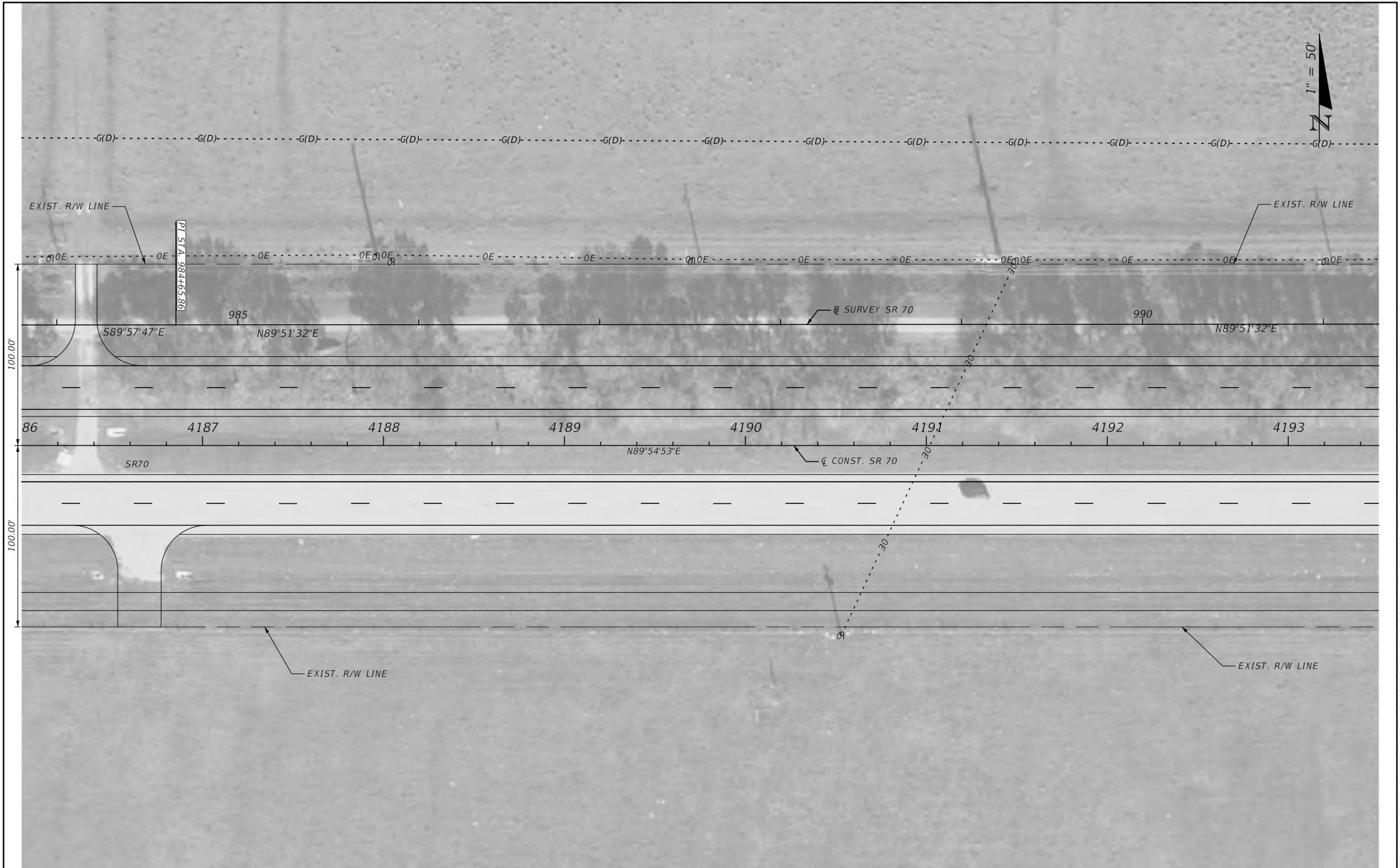
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	28

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	ROADWAY PLAN (24)			
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830	SR 70	DESOTO				451942-2-52-01

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	30

ROADWAY PLAN (25)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	31

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	32

ROADWAY PLAN (27)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	33

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	34

ROADWAY PLAN (29)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	35
							SR 70	DESOTO	451942-2-52-01	

ROADWAY PLAN (30)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (31)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		36
						SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (32)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		37
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	38

ROADWAY PLAN (33)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	39

ROADWAY PLAN (34)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	40

ROADWAY PLAN (35)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (36)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		41
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C10-1
 PI STA. = 4289+68.79
 Δ = 05°42'43" (LT)
 D = 00°20'28"
 T = 837.66
 L = 1,673.93
 R = 16,791.00
 PC STA. = 4281+31.13
 PT STA. = 4298+05.06
 e = NC

SR SURVEY SR 70 - CURVE 4
 PI STA. = 1088+05.15
 N = 1045121.7288
 E = 738139.1012
 Δ = 06°00'00" (LT)
 D = 00°20'00"
 T = 900.82'
 L = 1800.00'
 R = 17188.73'
 PC STA. = 1079+04.33
 PT STA. = 1097+04.33
 e = NC



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	42

ROADWAY PLAN (37)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C10-1
 PI STA. = 4289+68.79
 Δ = 05°42'43" (LT)
 D = 00°20'28"
 T = 837.66
 L = 1,673.93
 R = 16,791.00
 PC STA. = 4281+31.13
 PT STA. = 4298+05.06
 e = NC

SURVEY SR 70 - CURVE 4
 PI STA. = 1088+05.15
 N = 1045121.7288
 E = 738139.1012
 Δ = 06°00'00" (LT)
 D = 00°20'00"
 T = 900.82'
 L = 1800.00'
 R = 17188.73'
 PC STA. = 1079+04.33
 PT STA. = 1097+04.33
 e = NC



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (38)	SHEET NO. 43
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C10-1
 PI STA. = 4289+68.79
 Δ = 05°42'43" (LT)
 D = 00°20'28"
 T = 837.66
 L = 1,673.93
 R = 16,791.00
 PC STA. = 4281+31.13
 PT STA. = 4298+05.06
 e = NC

☒ SURVEY SR 70 - CURVE 4
 PI STA. = 1088+05.15
 N = 1045121.7288
 E = 738139.1012
 Δ = 06°00'00" (LT)
 D = 00°20'00"
 T = 900.82'
 L = 1800.00'
 R = 17188.73'
 PC STA. = 1079+04.33
 PT STA. = 1097+04.33
 e = NC



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (39)	SHEET NO. 44
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C10-2
 PI STA. = 4312+87.44
 Δ = 05°43'53" (RT)
 D = 00°16'56"
 T = 1,016.60
 L = 2,031.51
 R = 20,309.00
 PC STA. = 4302+70.84
 PT STA. = 4323+02.35
 e = NC

⊕ SURVEY SR 70 - CURVE 4
 PI STA. = 1088+05.15
 N = 1045121.7288
 E = 738139.1012
 Δ = 06°00'00" (LT)
 D = 00°20'00"
 T = 900.82'
 L = 1800.00'
 R = 17188.73'
 PC STA. = 1079+04.33
 PT STA. = 1097+04.33
 e = NC

⊕ SURVEY SR 70 - CURVE 5
 (⊕ SURVEY)
 PI STA. = 1110+21.40
 N = 1045363.0708
 E = 740343.8240
 Δ = 06°01'15" (RT)
 D = 00°16'31"
 T = 1094.64'
 L = 2187.26'
 R = 20814.48'
 PC STA. = 1099+26.76
 PT STA. = 1121+14.02
 e = NC



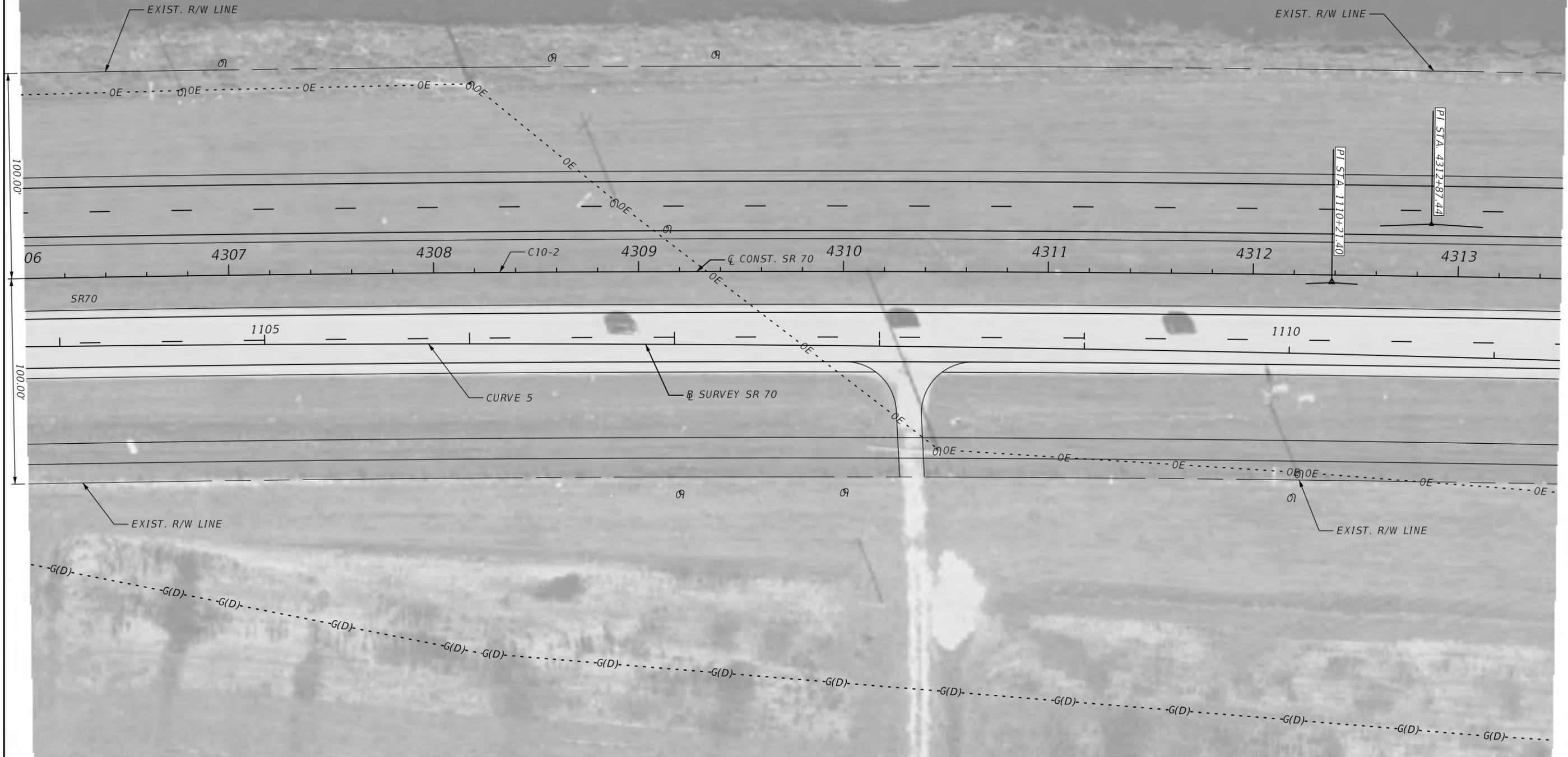
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	45

ROADWAY PLAN (40)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C10-2
 PI STA. = 4312+87.44
 Δ = 05°43'53" (RT)
 D = 00°16'56"
 T = 1,016.60
 L = 2,031.51
 R = 20,309.00
 PC STA. = 4302+70.84
 PT STA. = 4323+02.35
 e = NC

B SURVEY SR 70 - CURVE 5
 (B SURVEY)
 PI STA. = 1110+21.40
 N = 1045363.0708
 E = 740343.8240
 Δ = 06°01'15" (RT)
 D = 00°16'31"
 T = 1094.64'
 L = 2187.26'
 R = 20814.48'
 PC STA. = 1099+26.76
 PT STA. = 1121+14.02
 e = NC



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (41)	SHEET NO. 46
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830	SR 70	DESOTO	451942-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C10-2
 PI STA. = 4312+87.44
 Δ = 05°43'53" (RT)
 D = 00°16'56"
 T = 1,016.60
 L = 2,031.51
 R = 20,309.00
 PC STA. = 4302+70.84
 PT STA. = 4323+02.35
 e = NC

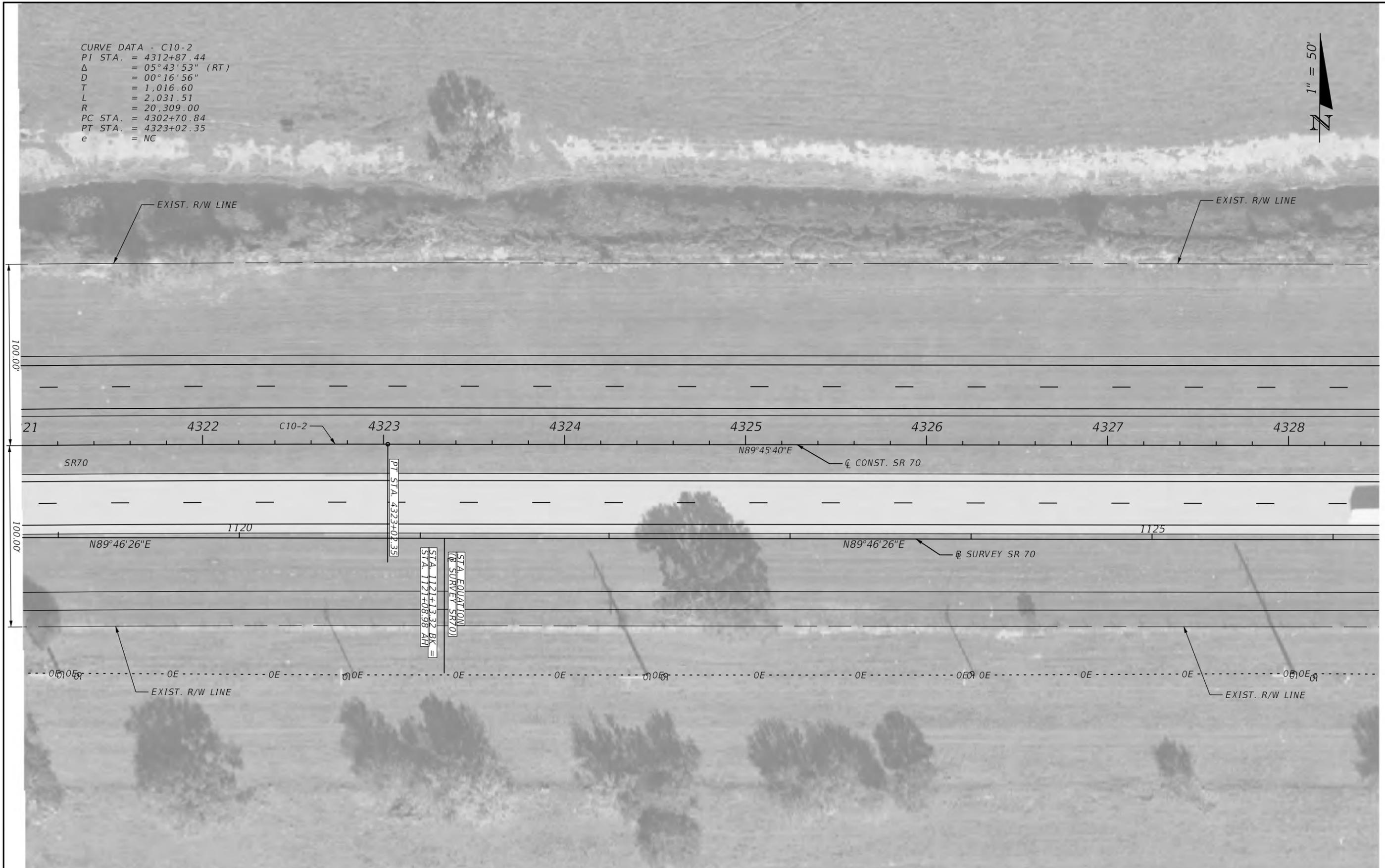
☉ SURVEY SR 70 - CURVE 5
 (☉ SURVEY)
 PI STA. = 1110+21.40
 N= 1045363.0708
 E= 740343.8240
 Δ = 06°01'15" (RT)
 D= 00°16'31"
 T= 1094.64'
 L= 2187.26'
 R= 20814.48'
 PC STA. = 1099+26.76
 PT STA. = 1121+14.02
 e = NC



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (42)	SHEET NO. 47
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830	SR 70	DESOTO	451942-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA - C10-2
 PI STA. = 4312+87.44
 Δ = 05°43'53" (RT)
 D = 00°16'56"
 T = 1,016.60
 L = 2,031.51
 R = 20,309.00
 PC STA. = 4302+70.84
 PT STA. = 4323+02.35
 e = NC



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (43)	SHEET NO. 48
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830	SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (44)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		49
						SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	50

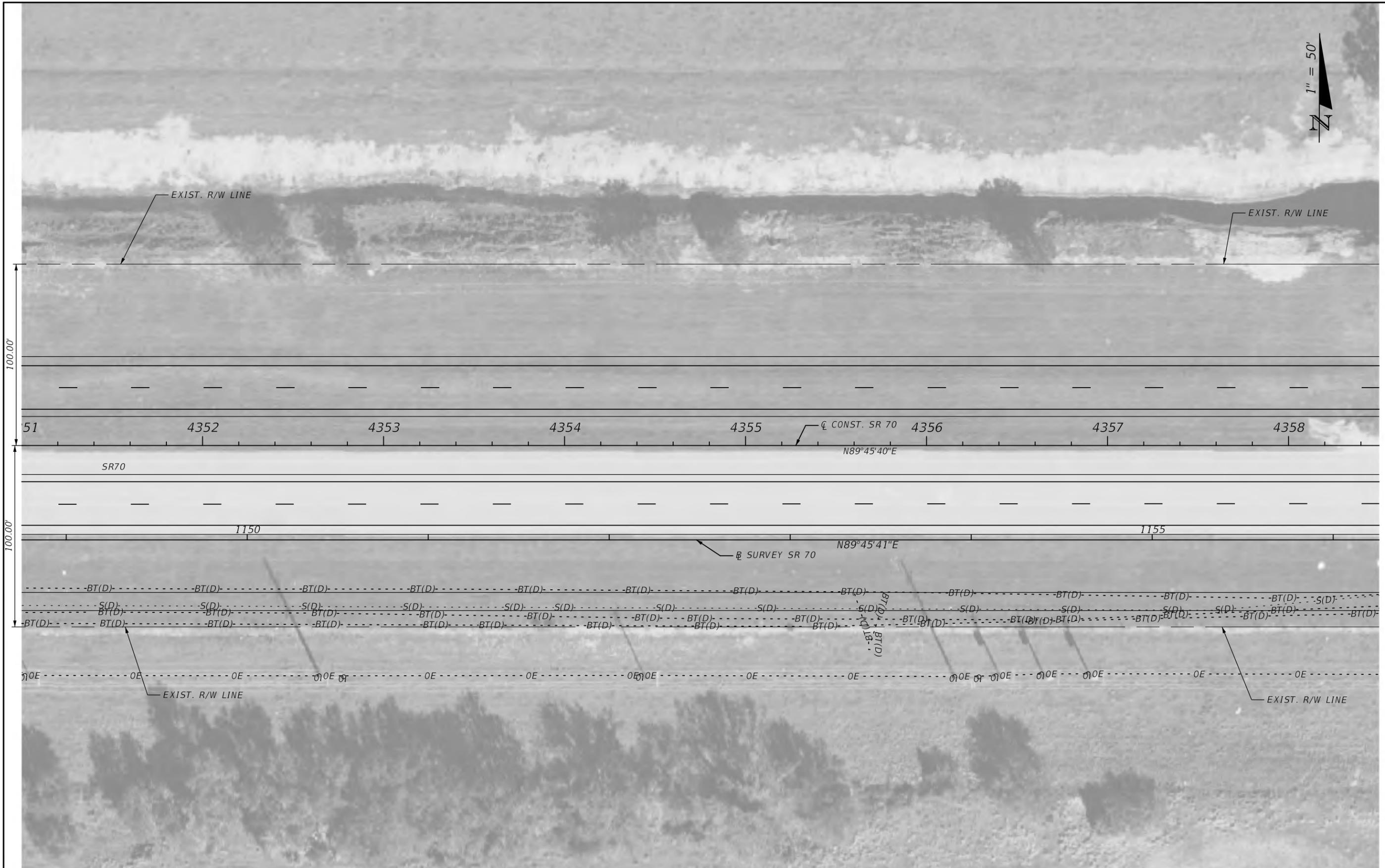
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	51

ROADWAY PLAN (46)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	52

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			SR 70	DESOTO	451942-2-52-01	53

ROADWAY PLAN (48)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



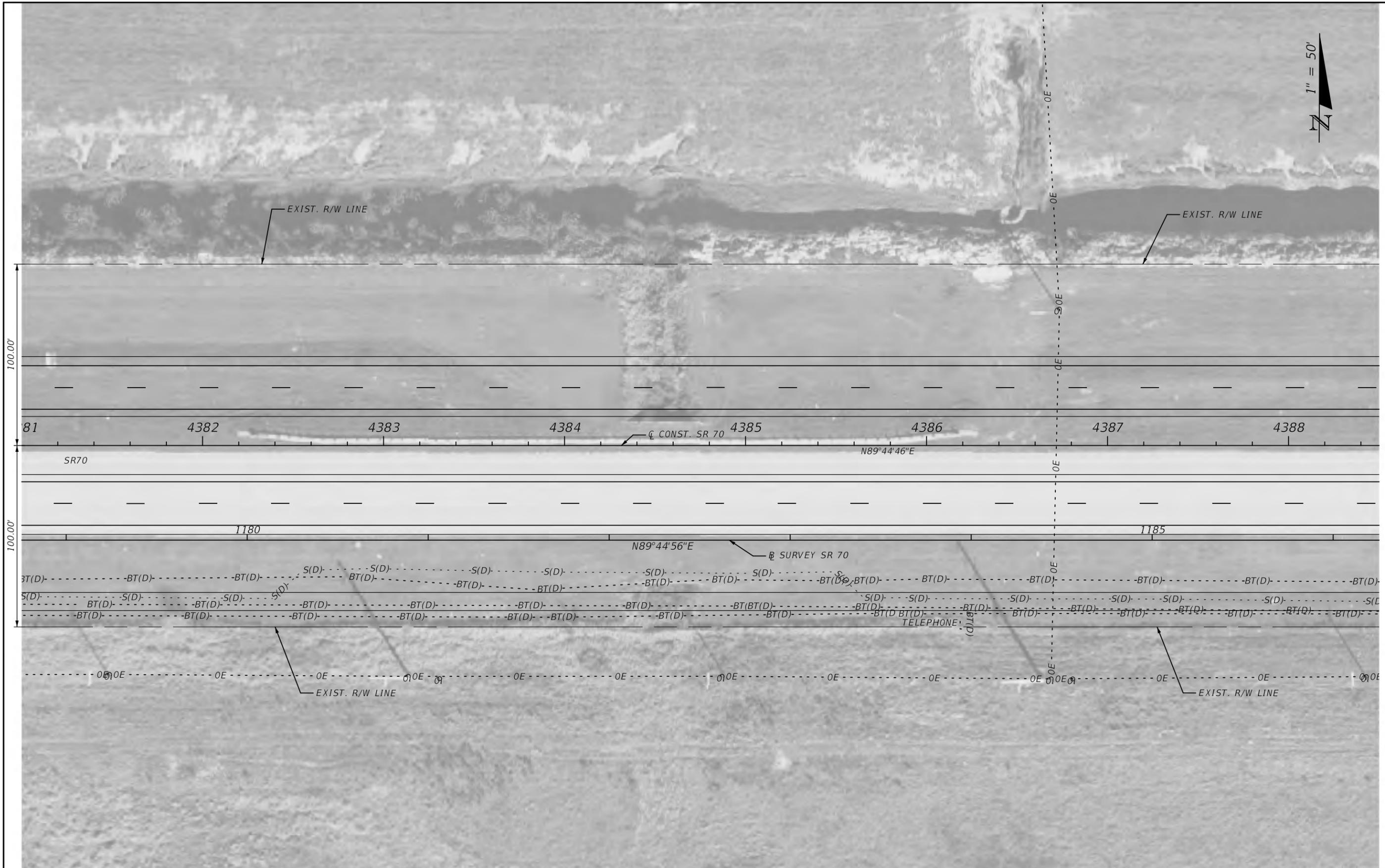
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	54

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (50)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		55
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01		

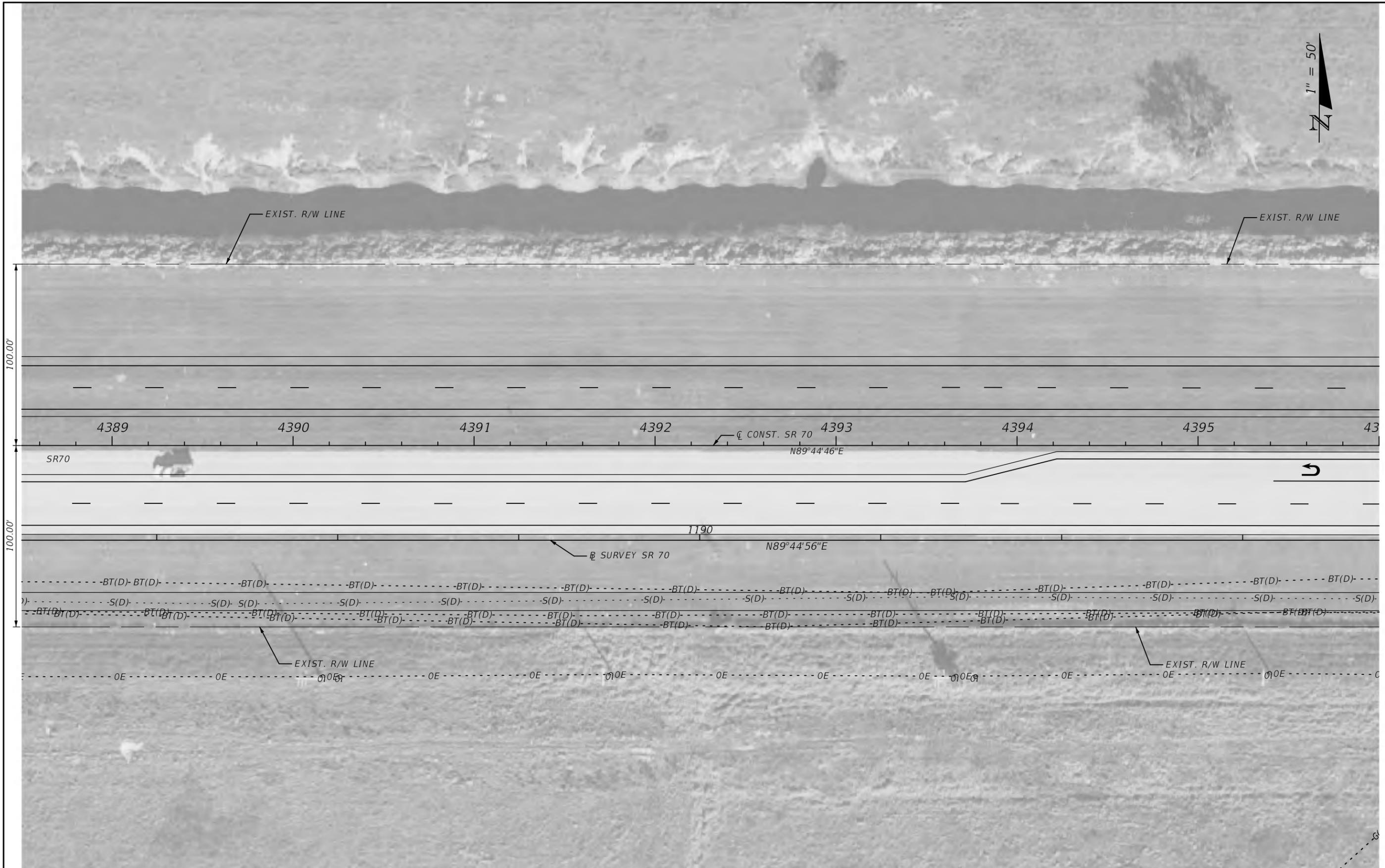
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			SR 70	DESOTO	451942-2-52-01	56

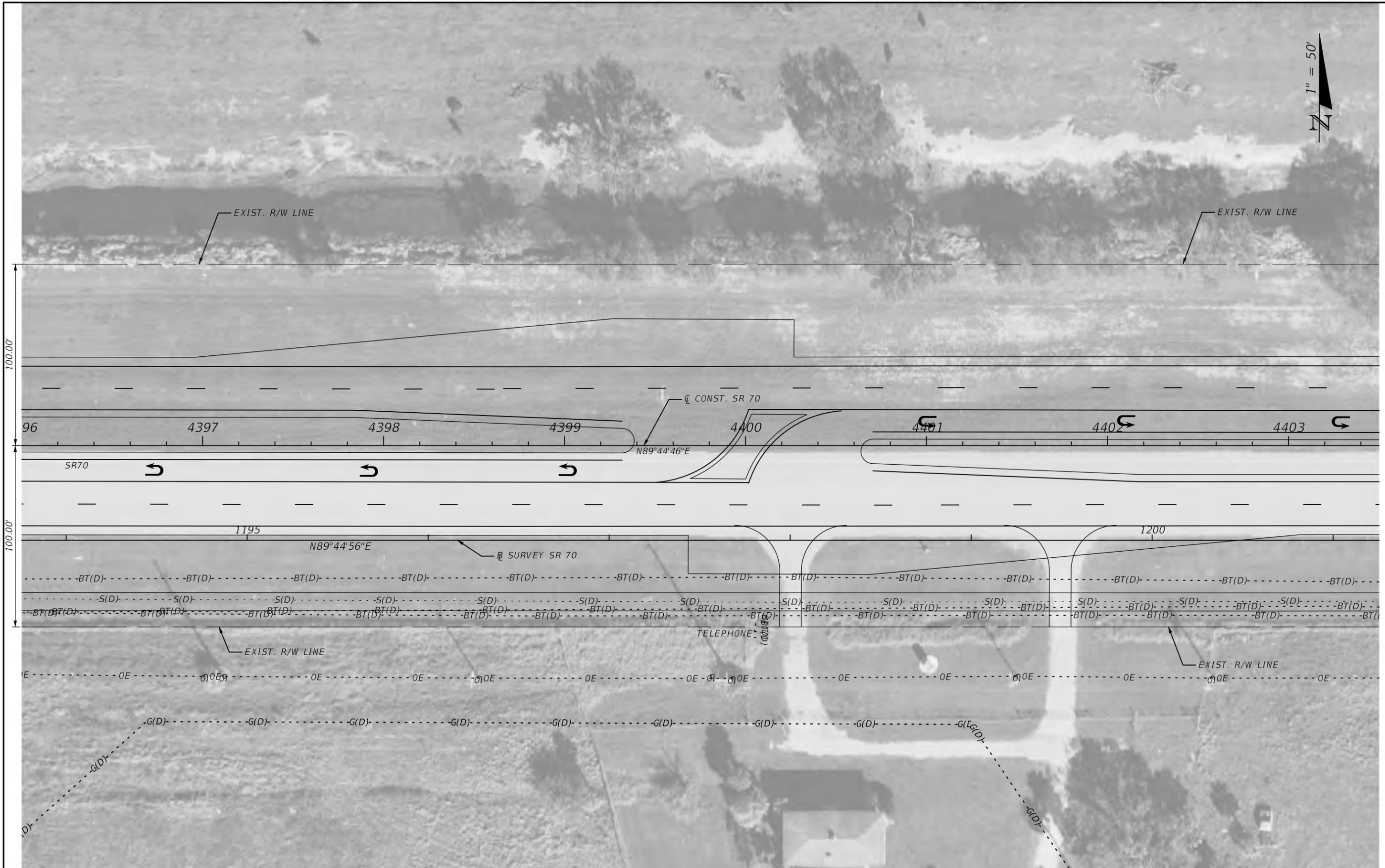
ROADWAY PLAN (51)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	57

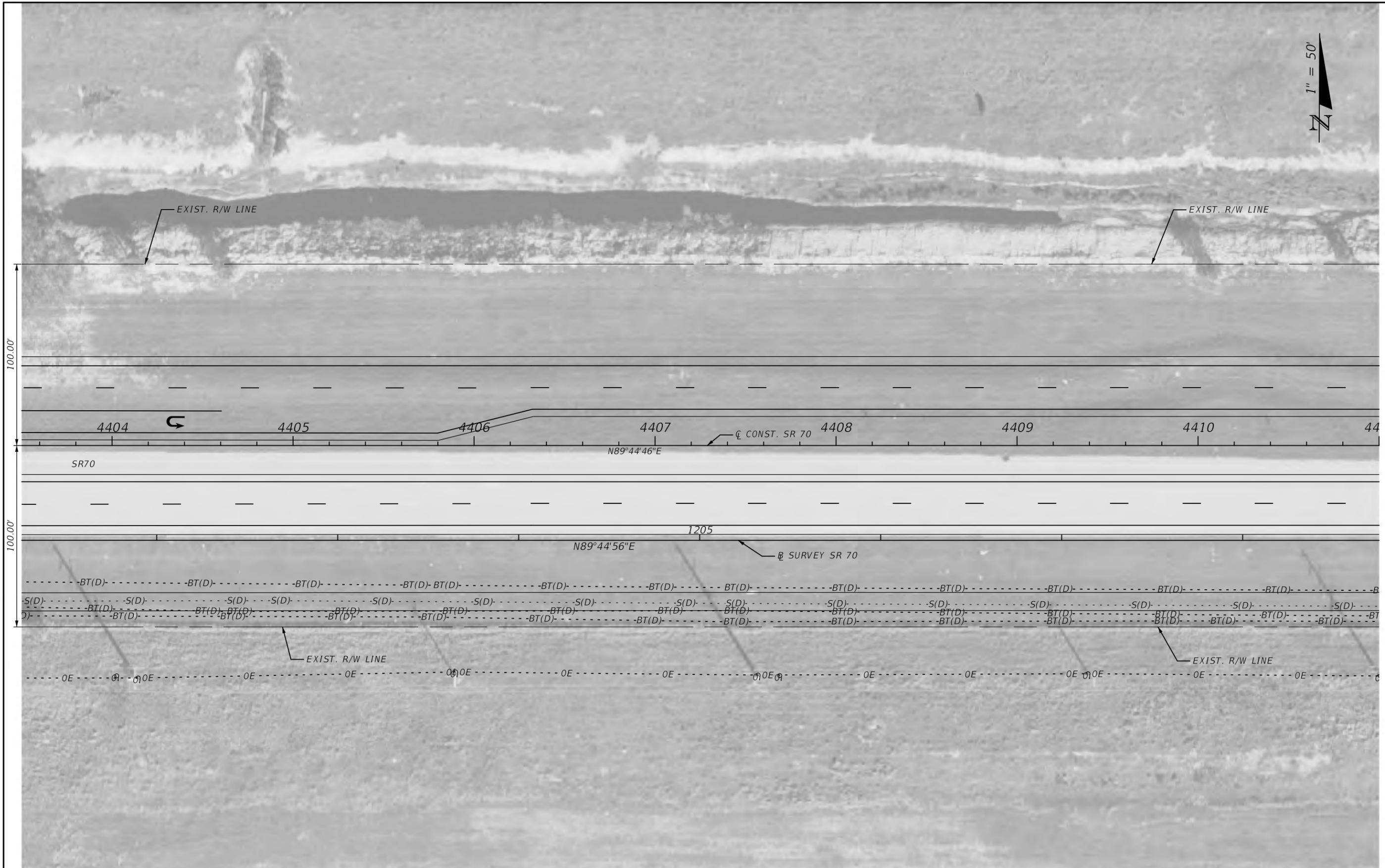
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			SR 70	DESOTO	451942-2-52-01	58

ROADWAY PLAN (53)

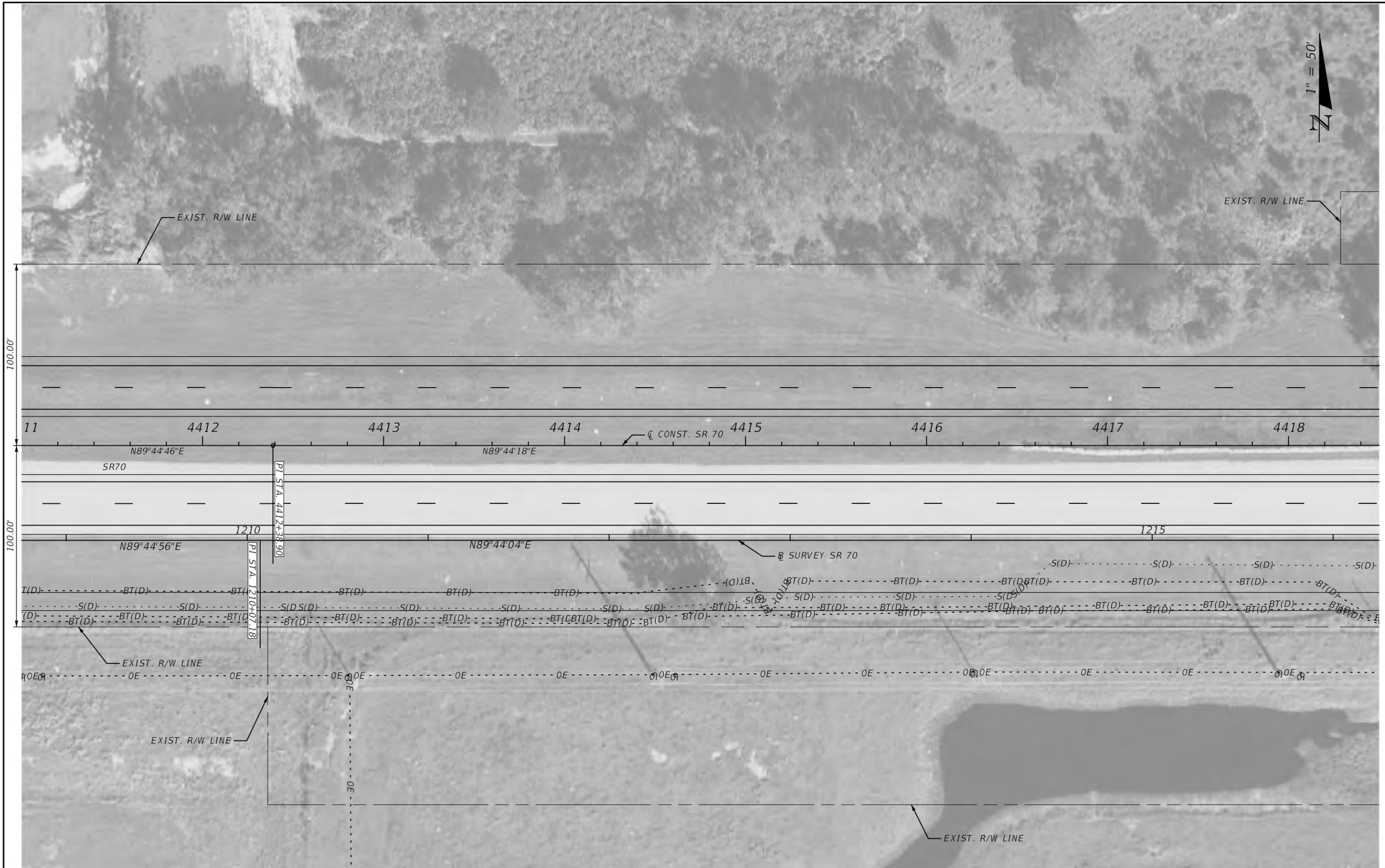
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (54)	SHEET NO. 59
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 70	DESOTO	451942-2-52-01		

NICOLAS LEON
 LICENSE NUMBER: 78538
 HNTB CORPORATION
 555 N BROADWAY AVE
 BARTOW, FL 33830

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	60

ROADWAY PLAN (55)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (56)	SHEET NO. 61
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 70	DESOTO	451942-2-52-01		

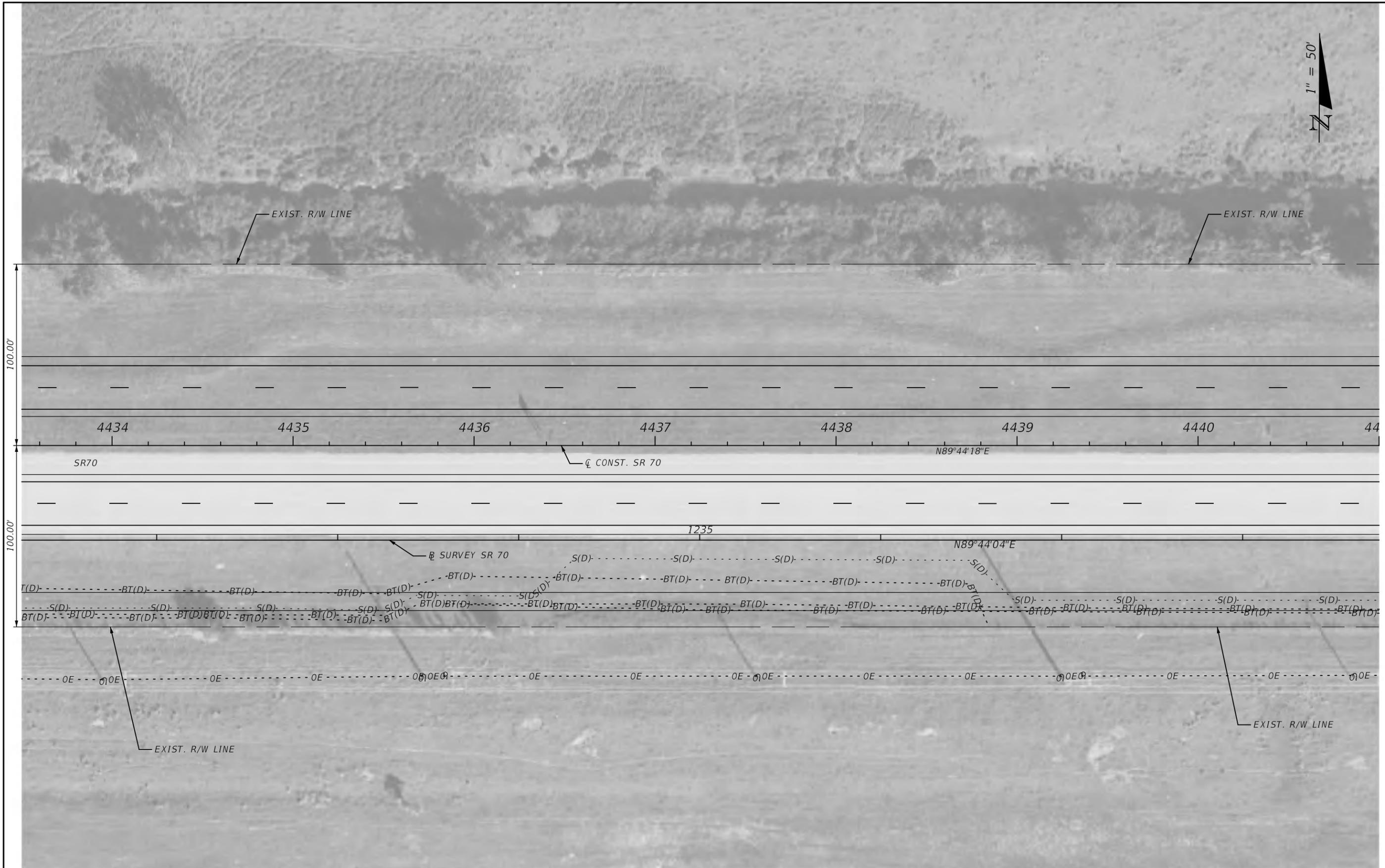
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	62

ROADWAY PLAN (57)

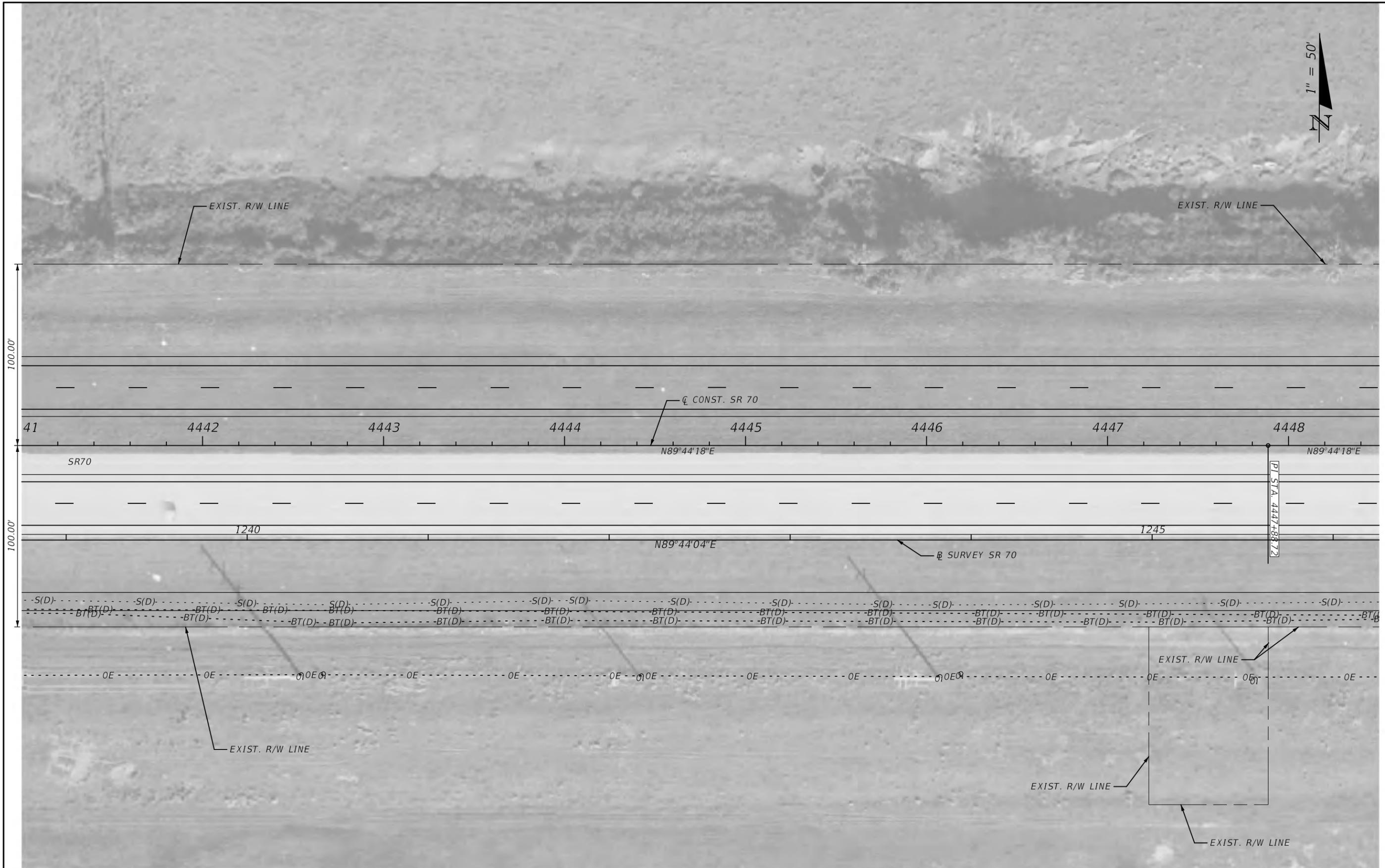
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			SR 70	DESOTO	451942-2-52-01	63

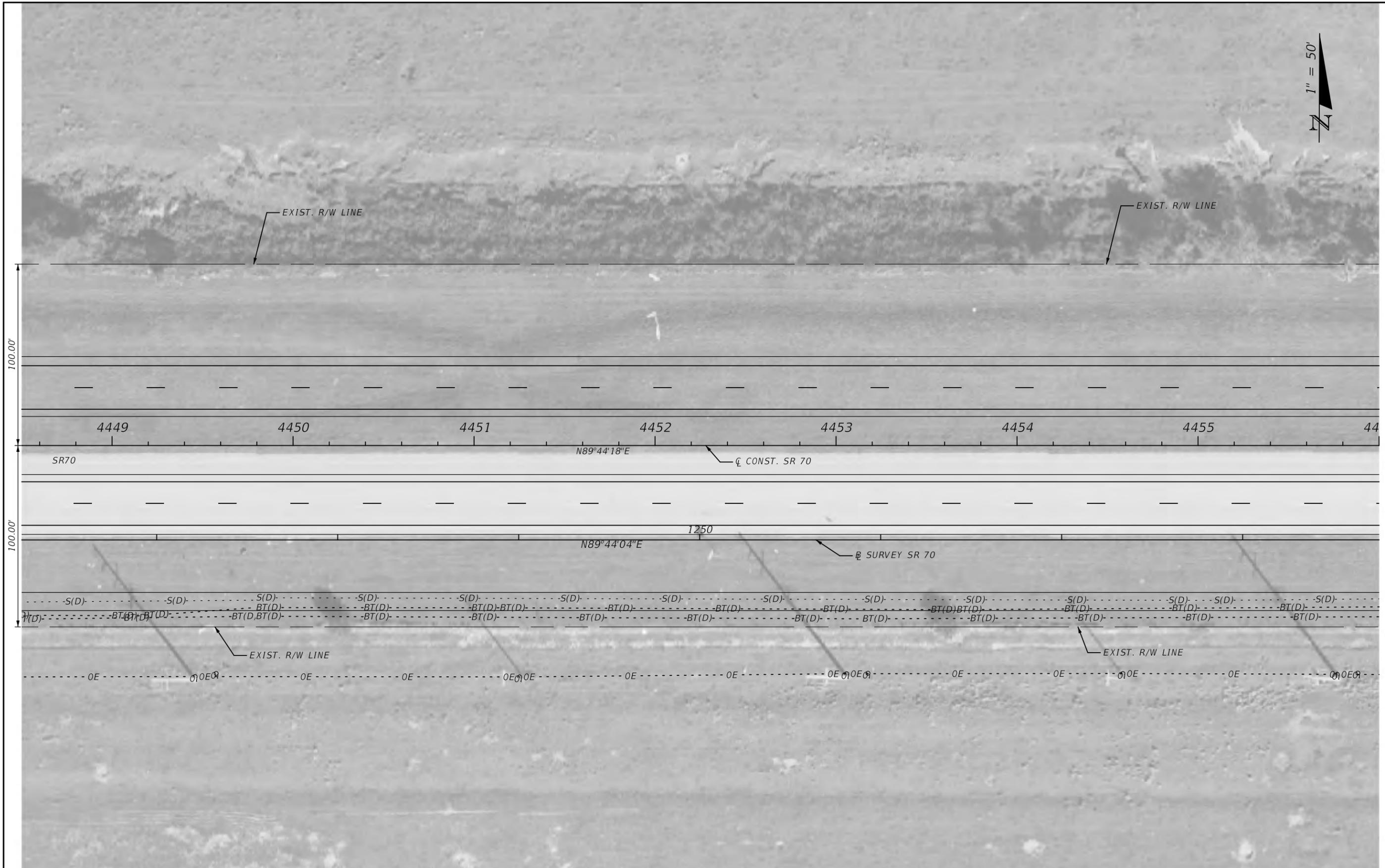
ROADWAY PLAN (58)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (59)	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		64	
				SR 70	DESOTO	451942-2-52-01						

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	65

ROADWAY PLAN (60)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	66

ROADWAY PLAN (61)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	67

ROADWAY PLAN (62)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	68

ROADWAY PLAN (63)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	69

ROADWAY PLAN (64)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	70

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 70	DESOTO	451942-2-52-01	71

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



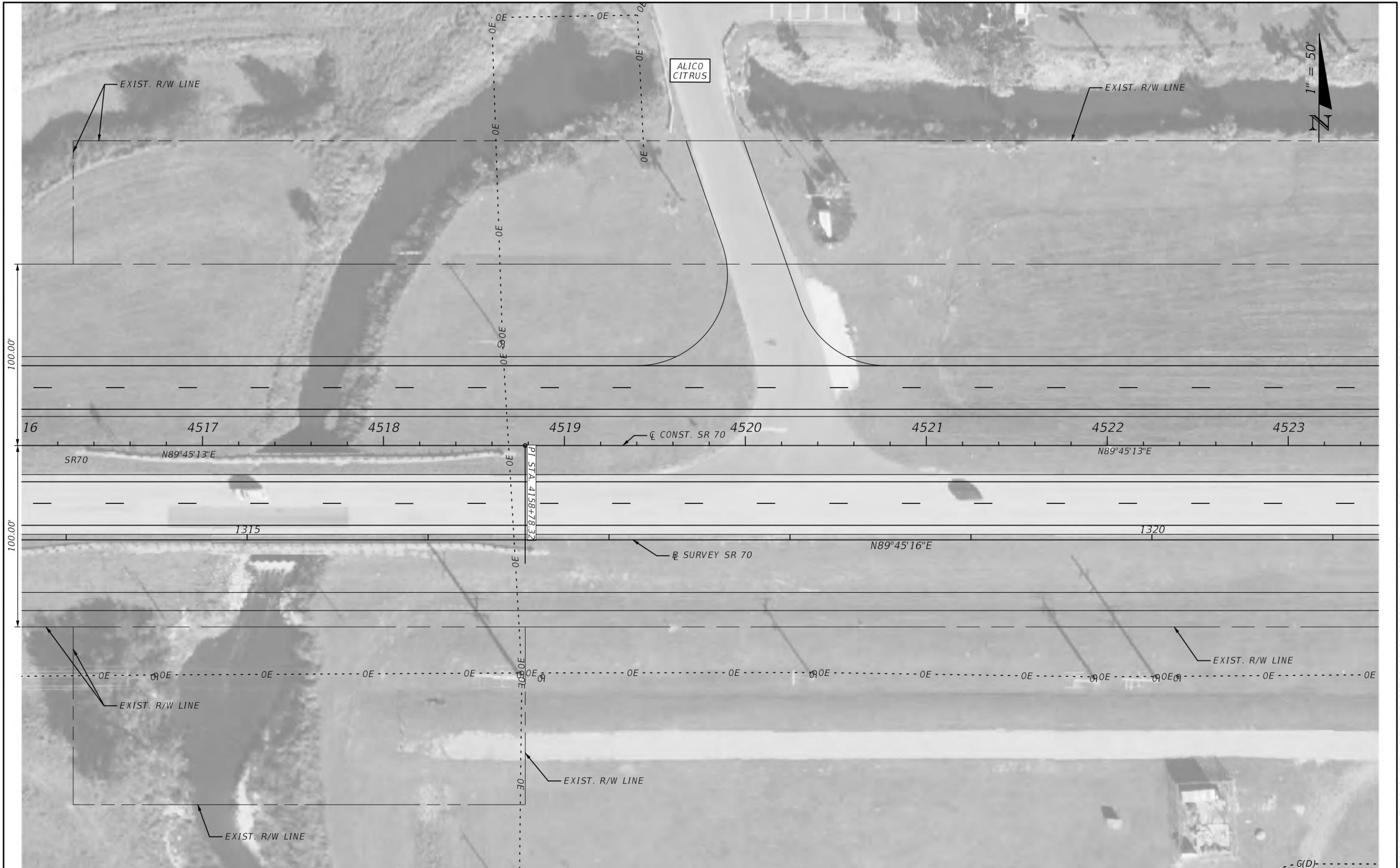
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	72

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	73

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (69)	SHEET NO. 74
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



FLORIDA
CORRECTIONS
ACADEMY

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (70)	SHEET NO. 75
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (71)	SHEET NO. 76
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 70	DESOTO	451942-2-52-01		

NICOLAS LEON
 LICENSE NUMBER: 78538
 HNTB CORPORATION
 555 N BROADWAY AVE
 BARTOW, FL 33830

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (72)	SHEET NO. 77
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 70	DESOTO	451942-2-52-01		

NICOLAS LEON
 LICENSE NUMBER: 78538
 HNTB CORPORATION
 555 N BROADWAY AVE
 BARTOW, FL 33830

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

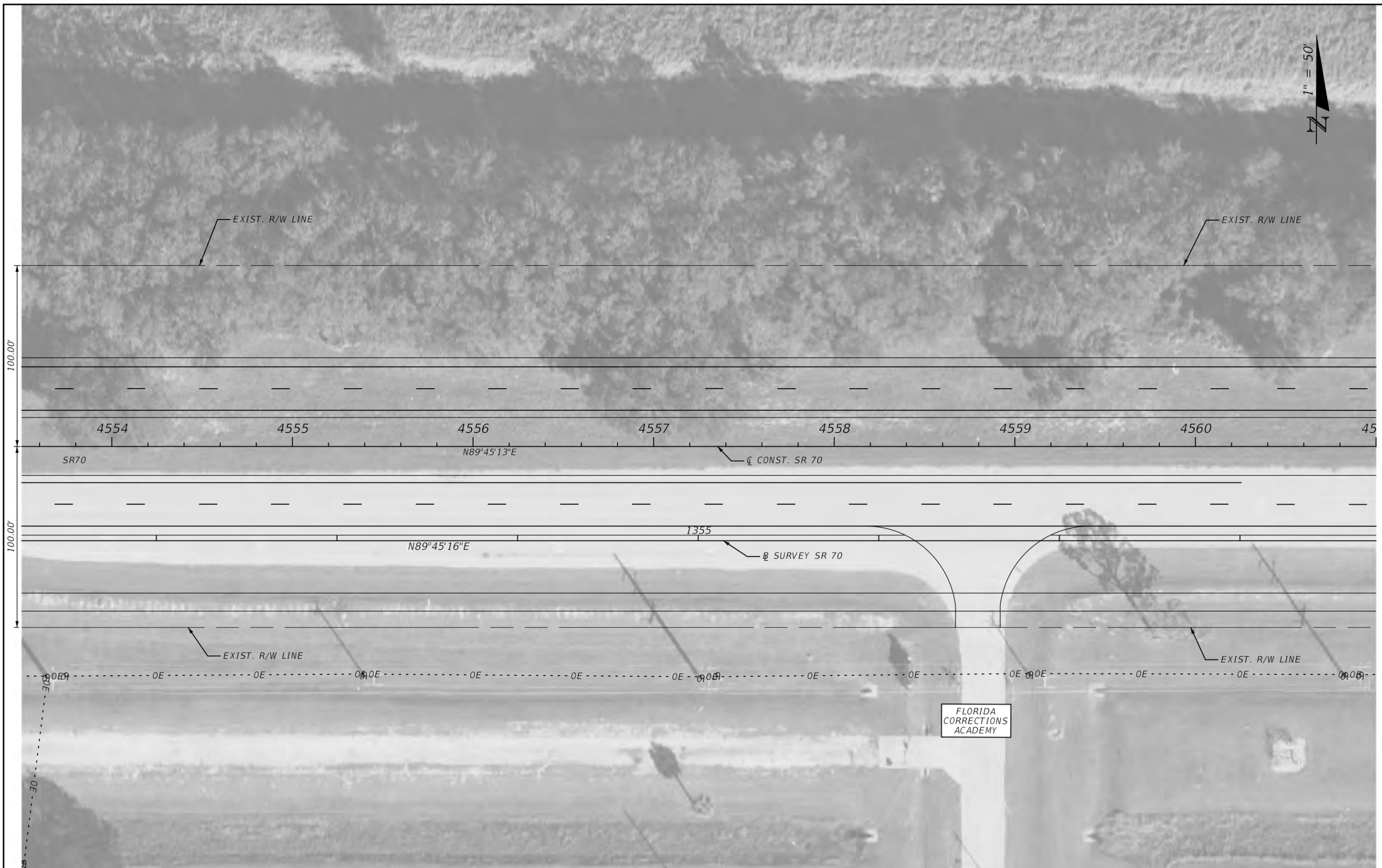


REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (73)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 70	DESOTO	451942-2-52-01		78

NICOLAS LEON
 LICENSE NUMBER: 78538
 HNTB CORPORATION
 555 N BROADWAY AVE
 BARTOW, FL 33830

FLORIDA
 CORRECTIONS
 ACADEMY

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (74)	SHEET NO. 79
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 70	DESOTO	451942-2-52-01		

NICOLAS LEON
 LICENSE NUMBER: 78538
 HNTB CORPORATION
 555 N BROADWAY AVE
 BARTOW, FL 33830

FLORIDA
 CORRECTIONS
 ACADEMY

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



1" = 50'

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	80

ROADWAY PLAN (75)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	81

ROADWAY PLAN (76)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	82

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

DESOTO
RECYCLING



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	83

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	84

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.					
DATE	DESCRIPTION	DATE	DESCRIPTION				ROADWAY PLAN (80)							
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830				<table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 70</td> <td>DESOTO</td> <td>451942-2-52-01</td> </tr> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 70	DESOTO	451942-2-52-01
ROAD NO.	COUNTY	FINANCIAL PROJECT ID												
SR 70	DESOTO	451942-2-52-01												

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	86

ROADWAY PLAN (81)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	88

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		SR 70	DESOTO	451942-2-52-01	89

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	90

ROADWAY PLAN (85)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	91

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	92

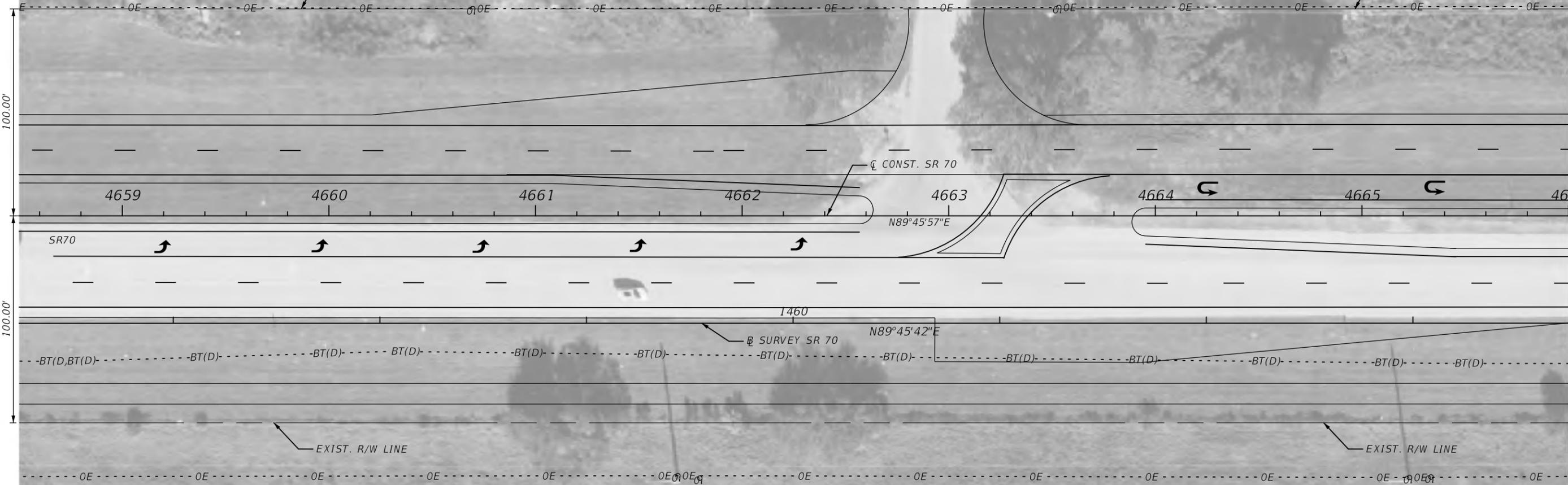
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



DESOTO
LANDFILL

EXIST. R/W LINE

EXIST. R/W LINE



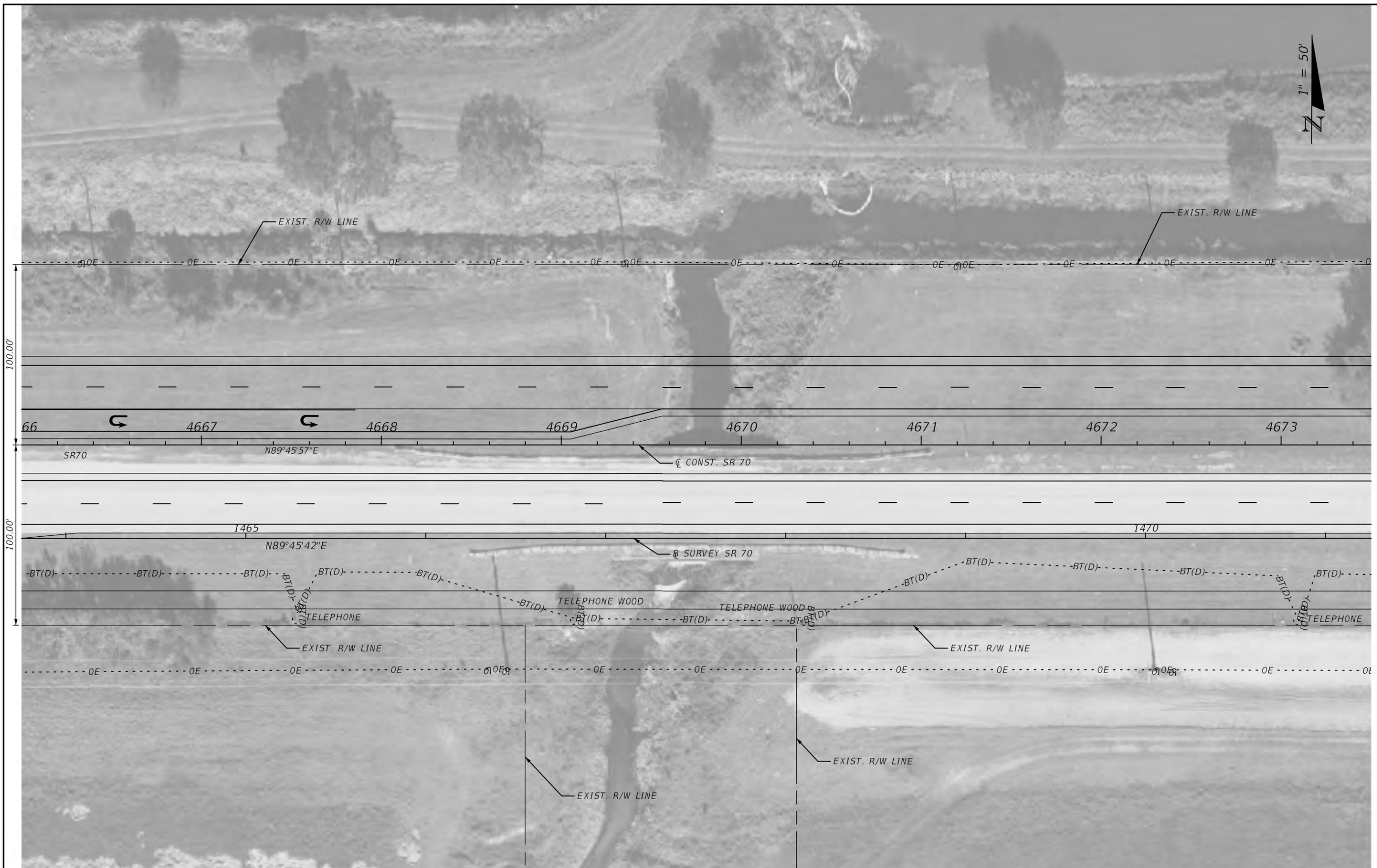
100.00'

100.00'

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	93

ROADWAY PLAN (88)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	94

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	95

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	96

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	97

ROADWAY PLAN (92)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	98

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	99

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	100

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



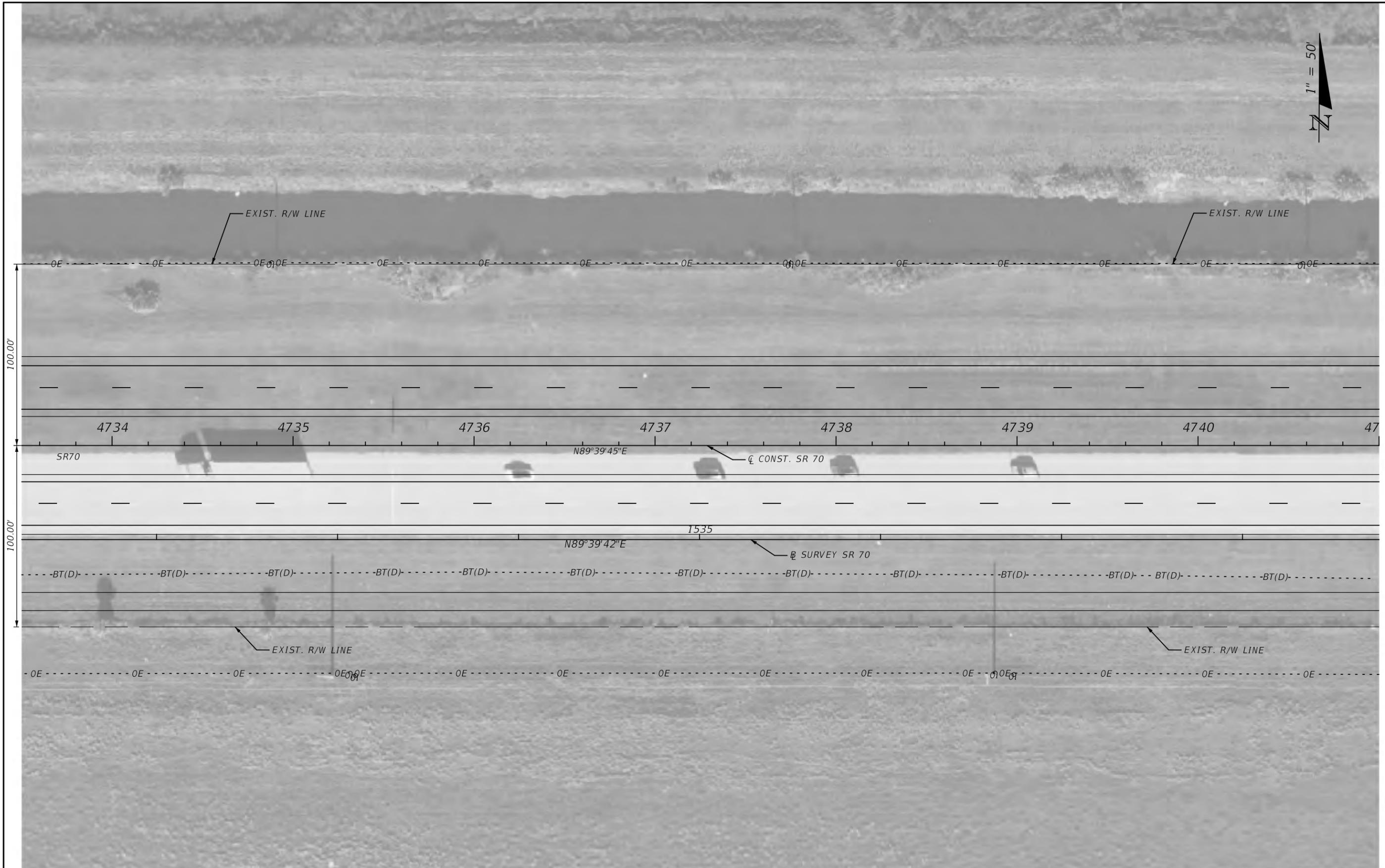
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (96)	SHEET NO. 101
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



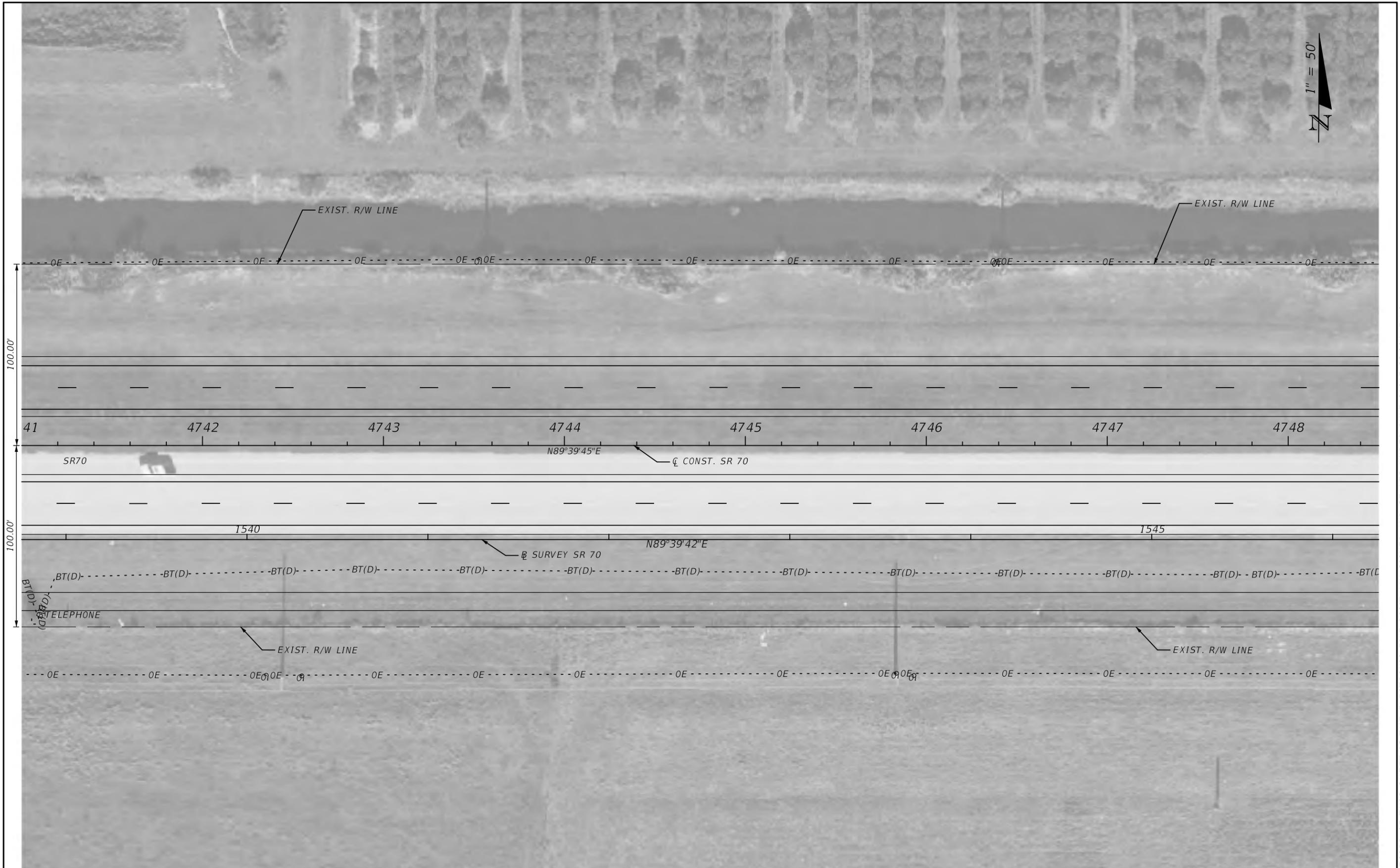
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (97)	SHEET NO. 102
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830	SR 70	DESOTO	451942-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	103

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



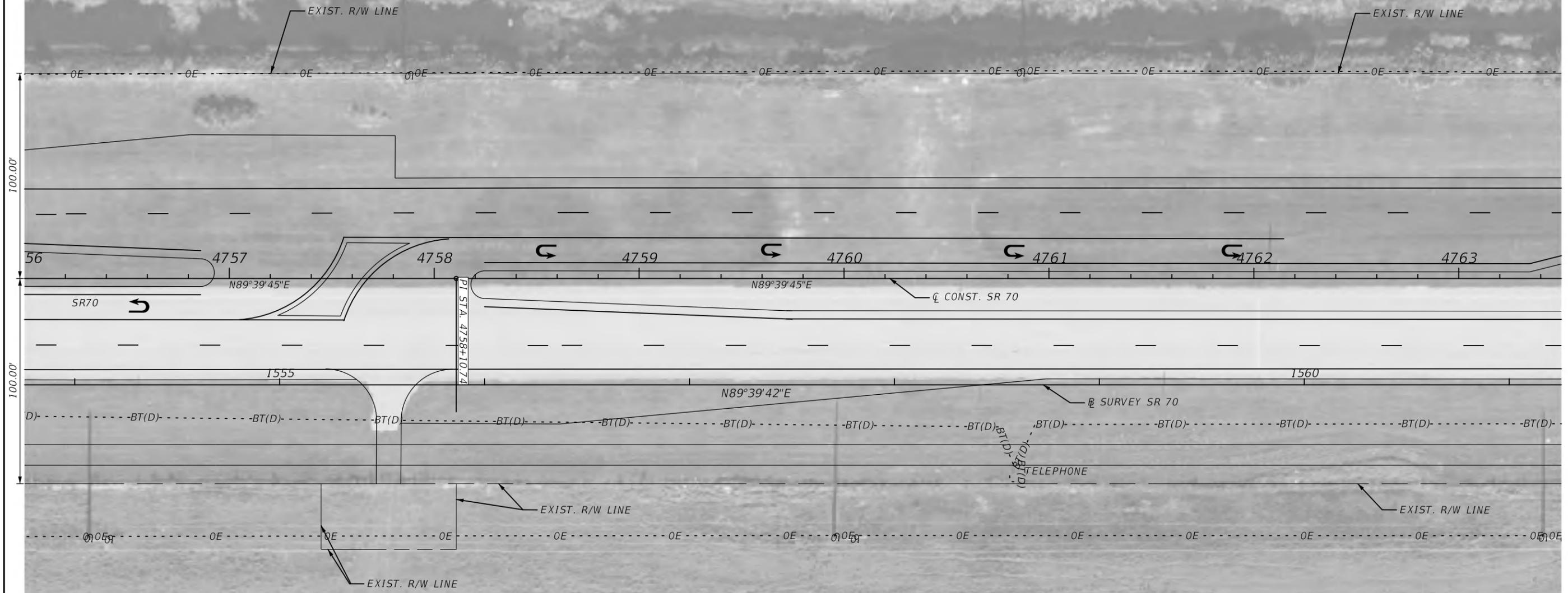
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	104
							SR 70	DESOTO	451942-2-52-01	

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (100)	SHEET NO. 105
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830	SR 70	DESOTO	451942-2-52-01		

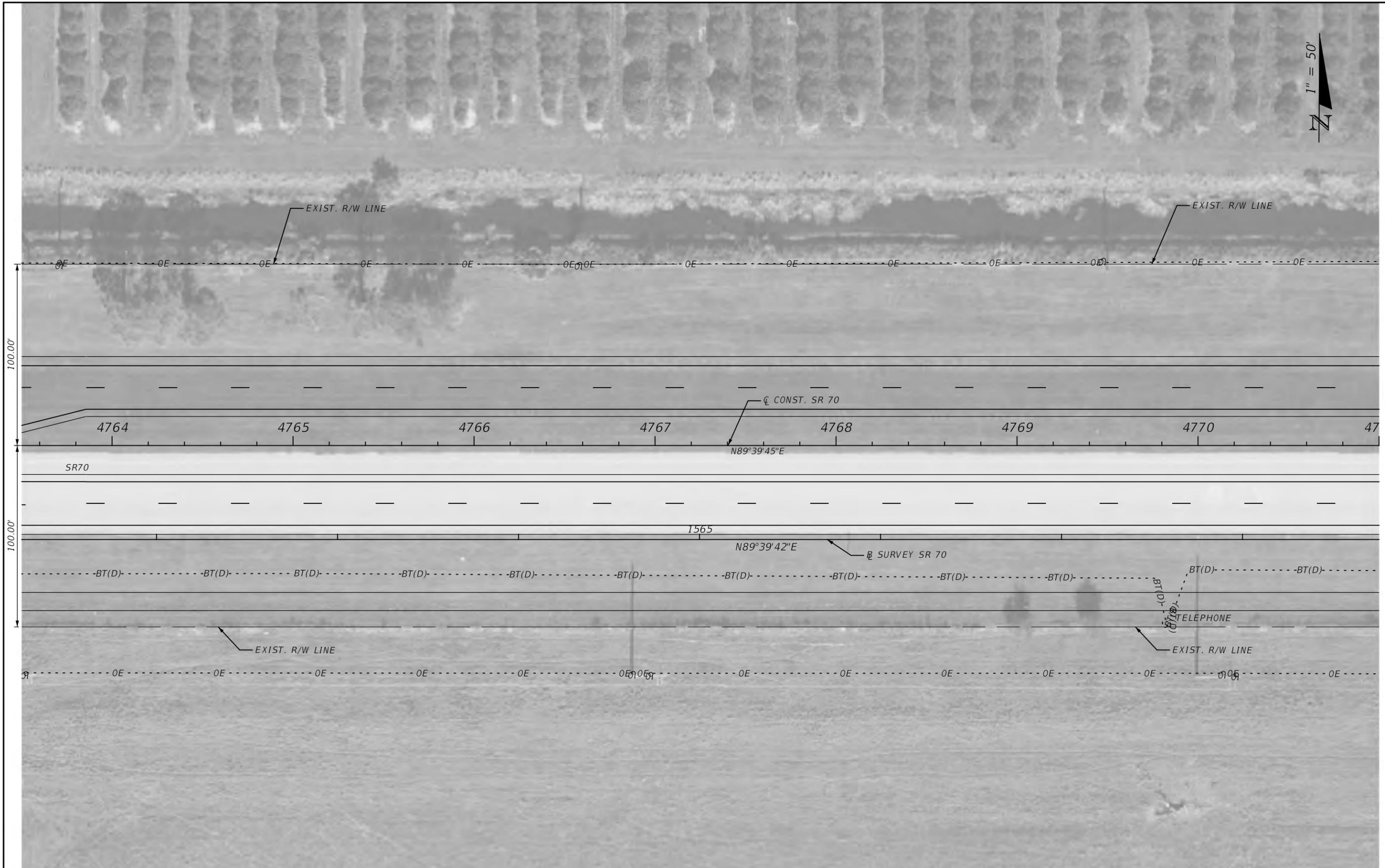
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	106

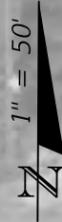
ROADWAY PLAN (101)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (102)	SHEET NO. 107
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



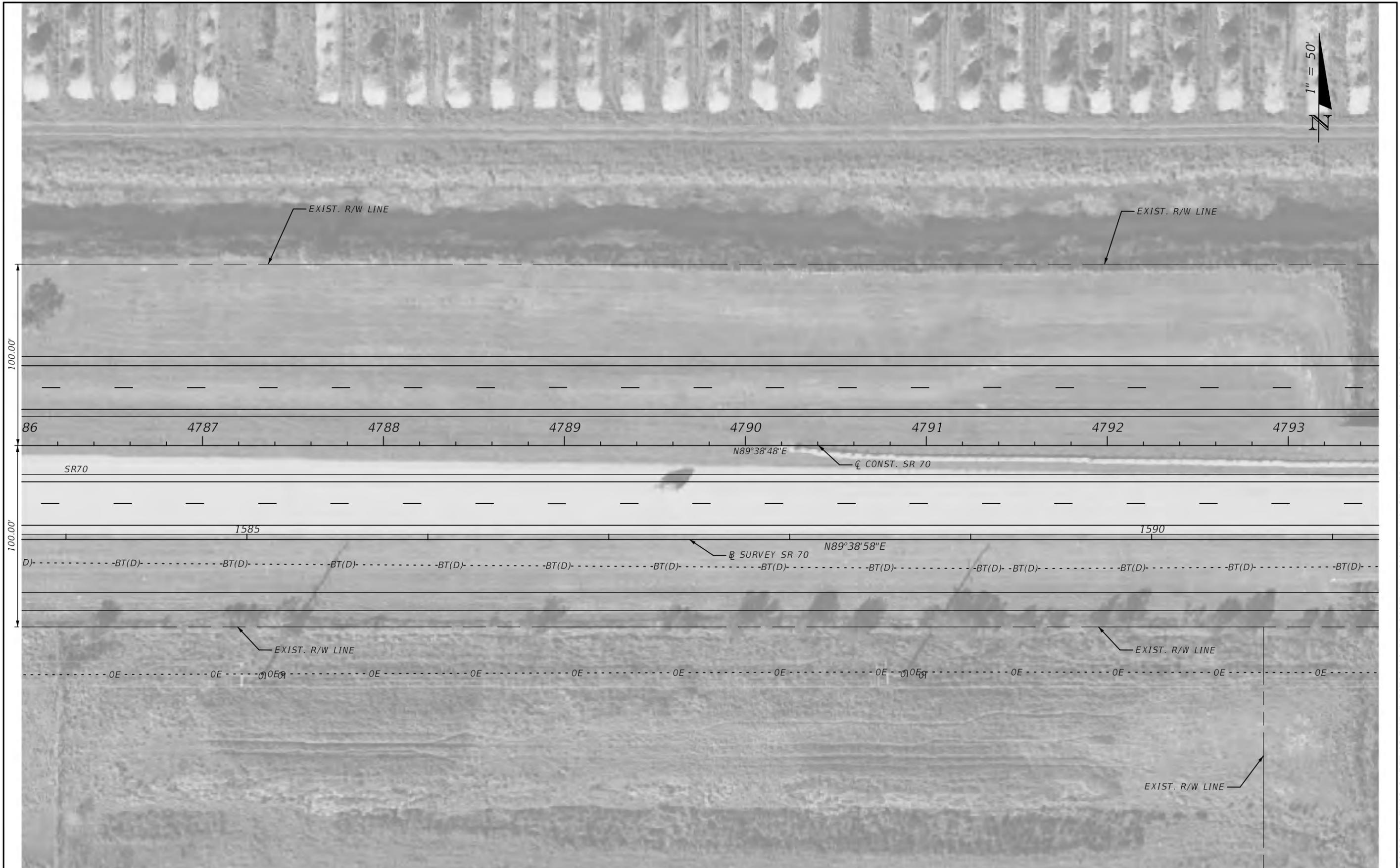
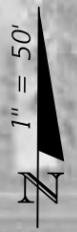
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (103)	SHEET NO. 108
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830	SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (104)	
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SHEET NO.	
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (105)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		110
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

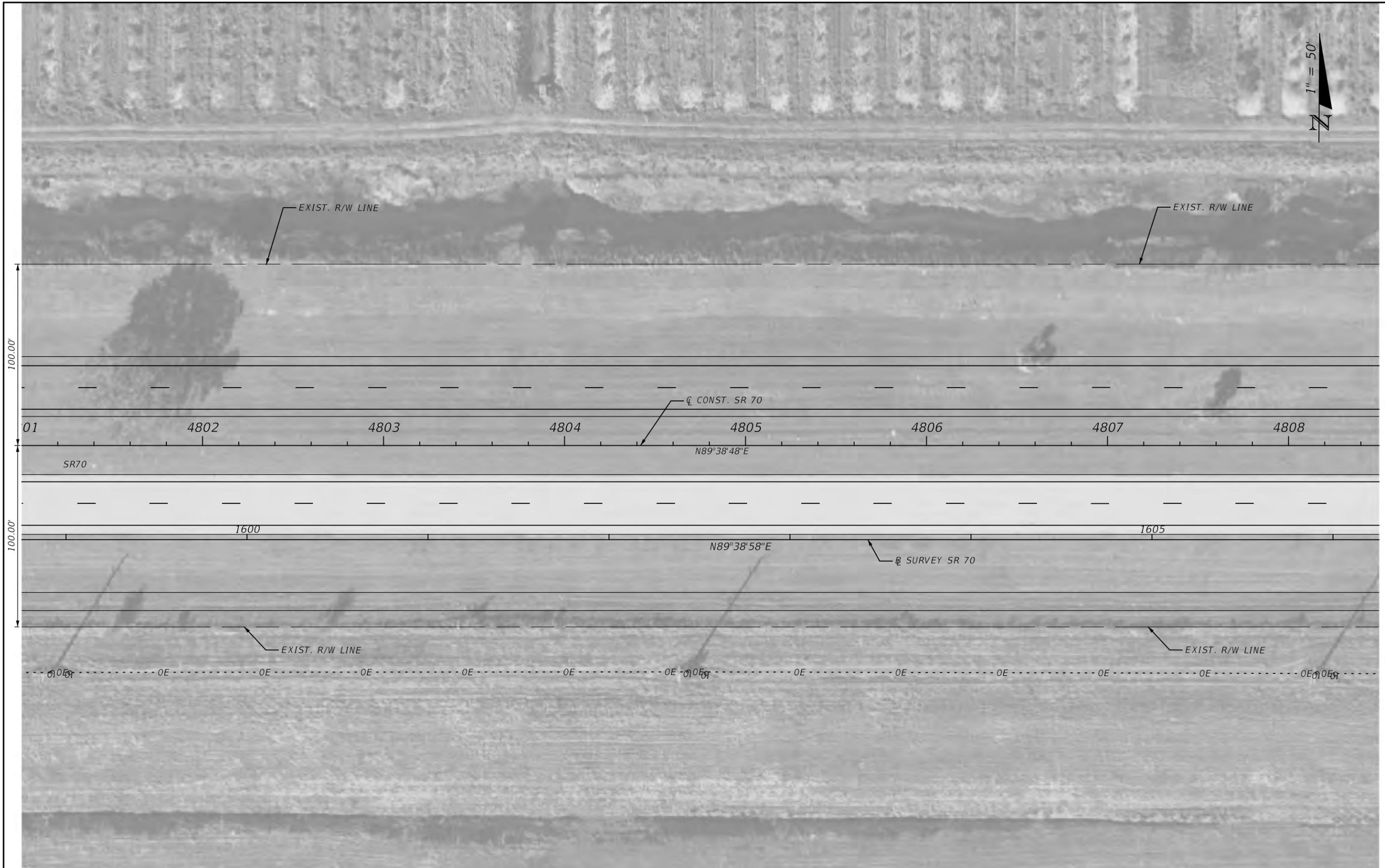


REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (106)	SHEET NO. 111
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 70	DESOTO	451942-2-52-01		

NICOLAS LEON
 LICENSE NUMBER: 78538
 HNTB CORPORATION
 555 N BROADWAY AVE
 BARTOW, FL 33830

ROADWAY PLAN (106)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (107)	SHEET NO. 112
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	113

ROADWAY PLAN (108)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (109)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		114
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (110)	SHEET NO. 115
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



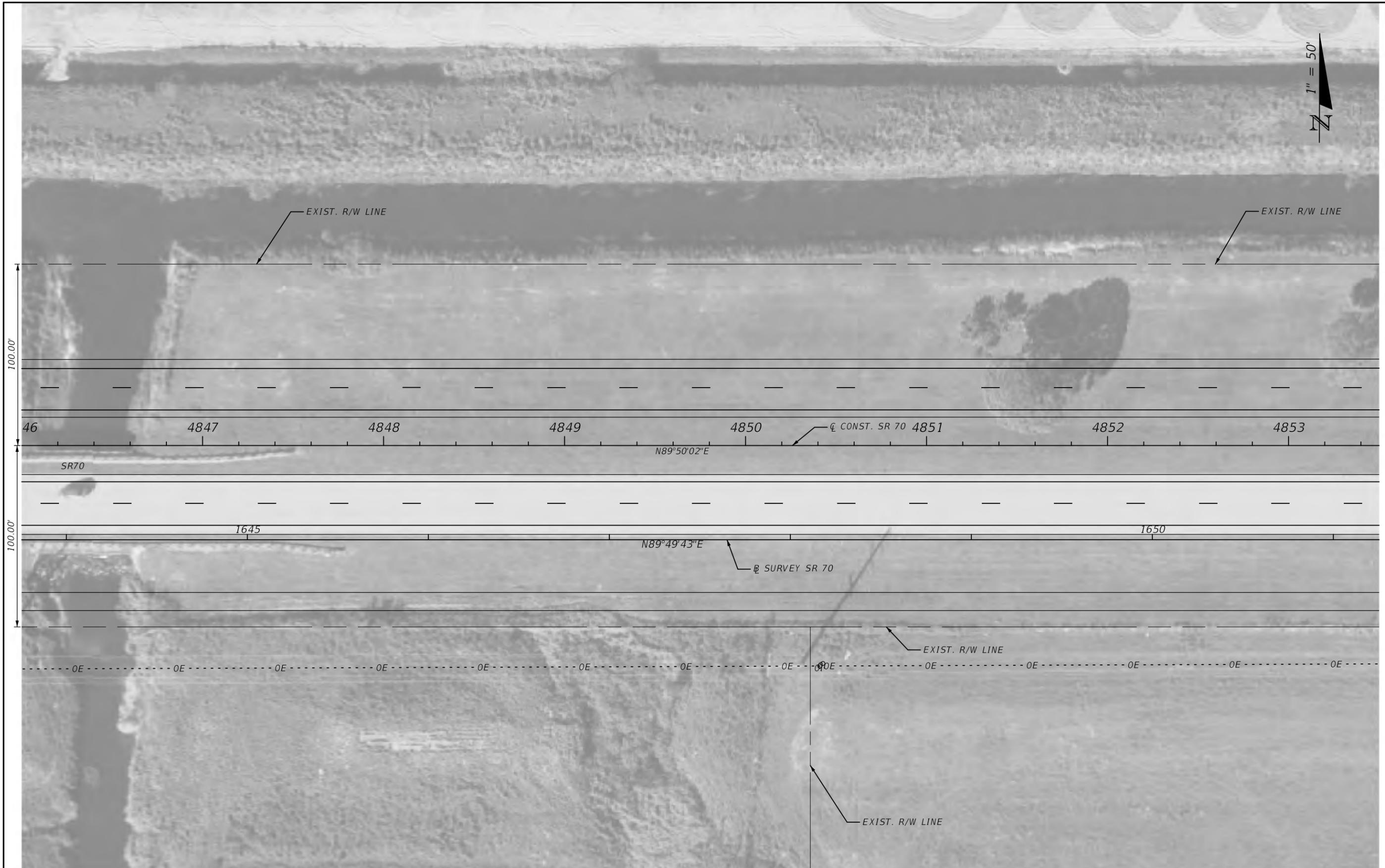
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (111)	SHEET NO. 116
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



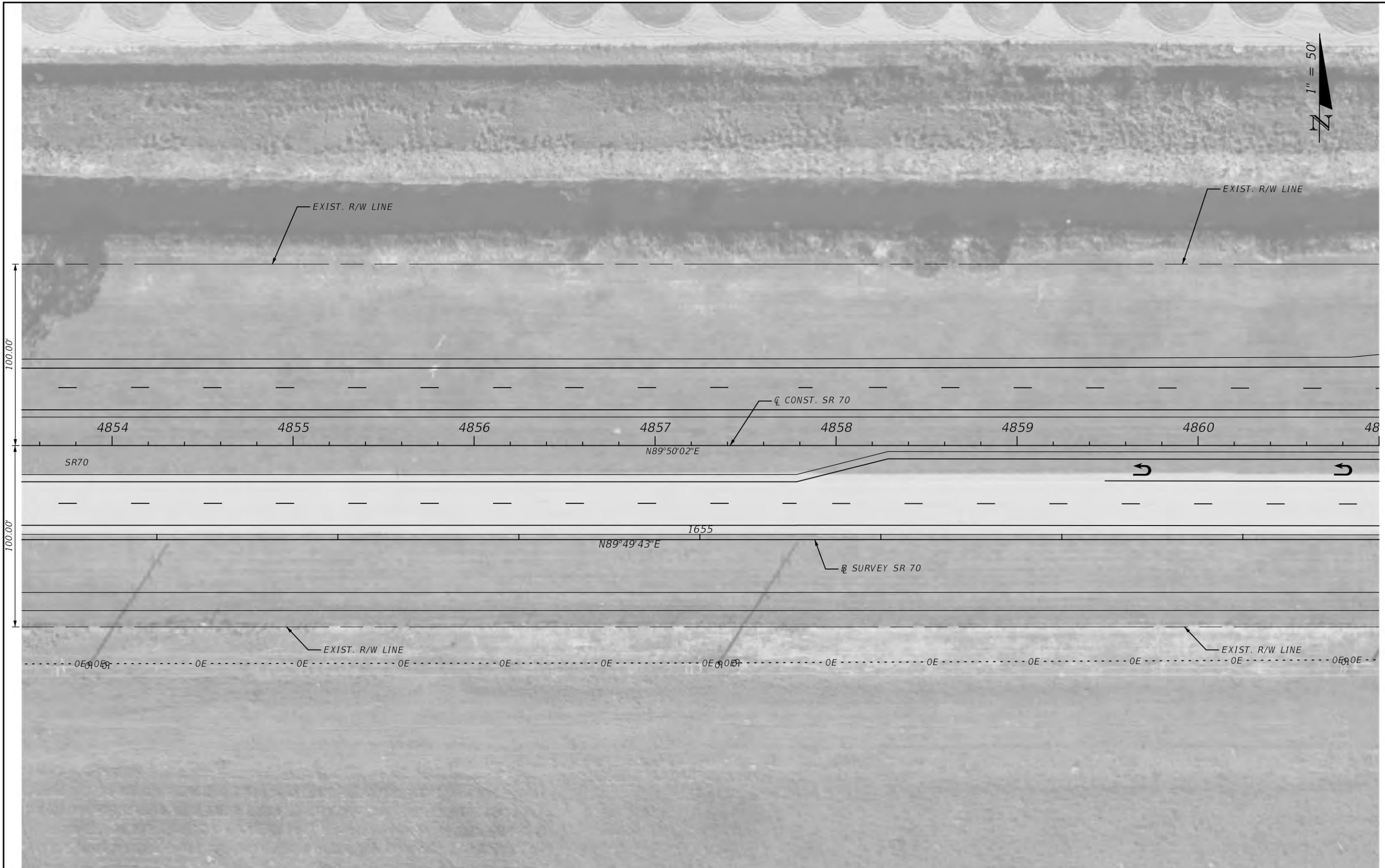
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (112)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 70	DESOTO	451942-2-52-01		117

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (113)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		118
						SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (114)	SHEET NO. 119
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 70	DESOTO	451942-2-52-01		

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



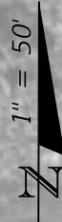
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 70	DESOTO	451942-2-52-01	120

ROADWAY PLAN (115)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 70	DESOTO	451942-2-52-01	122

ROADWAY PLAN (117)

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (118)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	NICOLAS LEON LICENSE NUMBER: 78538 HNTB CORPORATION 555 N BROADWAY AVE BARTOW, FL 33830			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		123
				SR 70	DESOTO	451942-2-52-01					

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

Appendix B – 2020 SWFWMD FLUCCS Land Use Maps

Land Use Definitions

- 1100: Residential, Low Density – This category is reserved for all residential areas with less than two dwelling units per acre. Contamination impacts are generally not expected for this land use category.
- 1200: Residential, Medium Density – This category is reserved for all residential areas with two to five dwelling units per acre. Contamination impacts are generally not expected for this land use category.
- 1300: Residential, High Density – This category is reserved for all residential areas with six or more dwelling units per acre. Contamination impacts are generally not expected for this land use category.
- 1400: Commercial and Services – This category encompasses a diverse range of land uses associated with product and service distribution. It includes various individual types of commercial properties, often found in complex mixtures. These properties encompass secondary structures like sheds, warehouses, office buildings, driveways, parking lots, and landscape areas. Examples of commercial properties include clothing retail stores, gasoline stations, professional services, day care facilities, dry cleaning establishments, and tourist resorts. Notably, many of these sites feature large, paved parking lots for easy patron accessibility. Due to the wide variety of facilities within this category, there is a potential for contamination impacts.
- 1500: Industrial – This category is reserved for areas where manufacturing, assembly or processing of materials and products are accomplished. Industrial areas span a wide array of industry types, ranging from light manufacturing and industrial parks to heavy manufacturing plants. These areas also include facilities for administration, research, assembly, storage, warehousing, shipping, and associated parking lots and grounds. In Florida, typical examples of industrial types include pulp and lumber mills, oil refineries with tank farms, chemical plants, and brick-making facilities. Because this category includes a wide range of facilities, there is a potential for contamination impacts.
- 1700: Institutional – This category includes educational, religious, military, medical and health care, governmental, correctional, commercial childcare, and other institutional programs. Some facilities are considered ‘self-sufficient’ containing their own power generator and sanitary disposal systems. As a result, there is a potential for contamination impacts for parcels identified under this land use category.
- 1900: Open Land – This category includes undeveloped land within urban areas and inactive land with street patterns but without structures. This land normally does not exhibit any indication of intended use. Contamination impacts are generally not expected for this land use category.
- 2100: Cropland and Pastureland – This category includes agricultural land which is managed for the production of row or field crops and improved, unimproved, and woodland pastures. While fertilizer may be used, contamination impacts are generally not expected for this land use category.

- 2140: Row Crops – This category is reserved for agricultural land consisting of row crops. This includes corn, tomatoes, potatoes, beans, peanuts, soybeans, strawberries, and tobacco. While fertilizer may be used, contamination impacts are generally not expected for this land use category.
- 2200: Tree Crops – This category is reserved for orchards and groves. This includes citrus groves, fruit orchards, other groves, and abandoned groves. Contamination impacts are generally not expected for this land use category.
- 2400: Nurseries and Vineyards – This category is composed of nurseries, floricultural areas and seed-and-sod areas used perennially and generally not rotated with other uses. This includes tree nurseries, sod farms, ornamentals, vineyards, floriculture, and timber nurseries. While the land may be fertilized, contamination impacts are generally not expected for this land use category.
- 2600: Other Open Lands (Rural) – This category includes those agricultural lands whose intended usage cannot be determined. Included are fallow crop land which is harvested agricultural land not currently in crop production. While fertilizer may be used, contamination impacts are generally not expected for this land use category.
- 3100: Herbaceous (Dry Prairie) – This category includes upland prairie grasses which occur on non-hydric soils but may be occasionally inundated by water. These grasslands are generally treeless with a variety of vegetation types dominated by grasses, sedges, rushes, and other herbs including wire grasses with some saw palmetto present. Contamination impacts are generally not expected for this land use category.
- 3200: Shrub and Brushland – This category includes palmetto prairies, coastal scrub, and other shrubs and brush. Contamination impacts are generally not expected for this land use category.
- 3300: Mixed Rangeland – This category is reserved for land that is more than one-third intermixture of either grassland or shrub-brushland range species. Contamination impacts are generally not expected for this land use category.
- 4110: Pine Flatwoods – This category is a subcategory of Upland Coniferous Forests (4100), dominated by either slash pine, longleaf pine, or both and less frequently pond pine. The common flatwoods understory species include saw palmetto, wax myrtle, gallberry, and a wide variety of herbs and brush. Contamination impacts are generally not expected for this land use category.
- 4200: Upland Hardwood Forests – This category includes upland hardwood forests consisting of Xeric Oak, Brazilian Pepper, Oak, Pine, Hickory, Melaleuca, Temperate Hardwoods, Tropical Hardwoods, Live Oak, Cabbage Palm, Wax Myrtle, and Willow. Contamination impacts are generally not expected for this land use category.
- 4340: Hardwood – Coniferous Mixed – This category is reserved for those forested areas in which neither upland conifers nor hardwoods achieve a 66% crown canopy dominance. Contamination impacts are generally not expected for this land use category.
- 5100: Streams and Waterways – This category includes rivers, creeks, canals, and other linear water bodies. Where the water course is interrupted by a control structure, the impounded water area will be placed in the Reservoirs category (5300). Contamination impacts are generally not expected for this land use category.

- 5200: Lakes – This category includes all lakes of any size. This category includes all freshwater and saltwater bodies that are greater than half an acre in size and are typically natural in origin. It does not include water bodies that are entirely man-made or those that are excessively altered. This category can offer a chance of contamination depending on the facilities that are along the lake edge.
- 5300: Reservoirs – This category is reserved for artificial impoundments of water. They are used for irrigation, flood control, municipal and rural water supplies, recreation, and hydro-electric power generation. There is a potential for contamination impacts for parcels identified under this land use category.
- 6150: Streams and Lake Swamps (Bottomland) – This category is often referred to as bottomland or stream hardwoods and is usually found on, but not restricted to, river, creek, and lake flood plain or overflow areas. It includes a wide variety of predominantly hardwood species. Contamination impacts are generally not expected for this land use category.
- 6200: Wetland Coniferous Forests – This category includes all Wetland Coniferous Forests consisting of Cypress, Pond Pine, Atlantic White Cedar, Cabbage Palm, Hydric Pine Flatwoods, Hydric Pine Savanna, and Slash Pine Swamp Forest. Contamination impacts are generally not expected for this land use category.
- 6300: Wetland Forested Mixed – This category includes mixed wetlands forest communities in which neither hardwoods or conifers achieve a 66 percent dominance of the crown canopy composition. Contamination impacts are generally not expected for this land use category.
- 6400: Vegetated Non-Forested Wetlands – This category includes freshwater marshes and seasonably flooded basins and meadows. These communities are usually confined to relatively level, low-lying areas. When the forest crown cover is less than the threshold for wetland forest or is non-woody, it will be included in this category. Contamination impacts are generally not expected for this land use category.
- 6410: Freshwater Marshes – This category of vegetated non-forested wetlands is characterized by having one or more of the following species predominate: sawgrass, cattail, arrowhead, maidencane, buttonbush, cordgrass, giant cutgrass, switchgrass, bulrush, needlerush, common reed, and arrowroot. This category is used for land that is less than 66% dominated in any single species. Contamination impacts are generally not expected for this land use category.
- 6430: Wet Prairies – This category is composed predominately of grassy vegetation on hydric soils and is usually distinguished from marshes by having less water and shorter herbage. Contamination impacts are generally not expected for this land use category.
- 6440: Emergent Aquatic Vegetation – This category of wetland plant species includes both floating vegetation and vegetation which is found either partially or completely above the surface of water. This includes Water Lettuce, Spatterdock, Water Hyacinth, Duck Weed, and Water Lily. Contamination impacts are generally not expected for this land use category.
- 6530: Intermittent Ponds – This category of wetland is defined as a waterbody which exists for only a portion of the year and may be referred to as a seasonal waterbody. Its existence relies upon water

received directly from precipitation, runoff, or spring flow. Contamination impacts are generally not expected for this land use category.

7400: Disturbed Land – This category is reserved for areas which have been changes due primarily to human activities other than mining. In Florida, these areas may be rather extensive and often appear outside of urban areas. Included are rural land in transition without positive indicators of intended activity, borrow areas, spoil areas, fill areas (highways-railways), burned areas, abandoned railways, dikes and levees. Contamination impacts are generally not expected for this land use category.

8100: Transportation – This category is reserved for areas used for the movement of people and goods. Included are airports; railroads; bus and truck terminals; roads and highways; port facilities; canals and locks; oil, water, or gas long distance transmission lines; auto parking facilities (when not directly related to other land use); and transportation facilities under construction. There is a potential for contamination impacts for parcels identified under this land use category due to gasoline spills or automotive accidents.

Legend

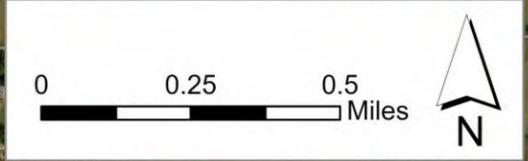
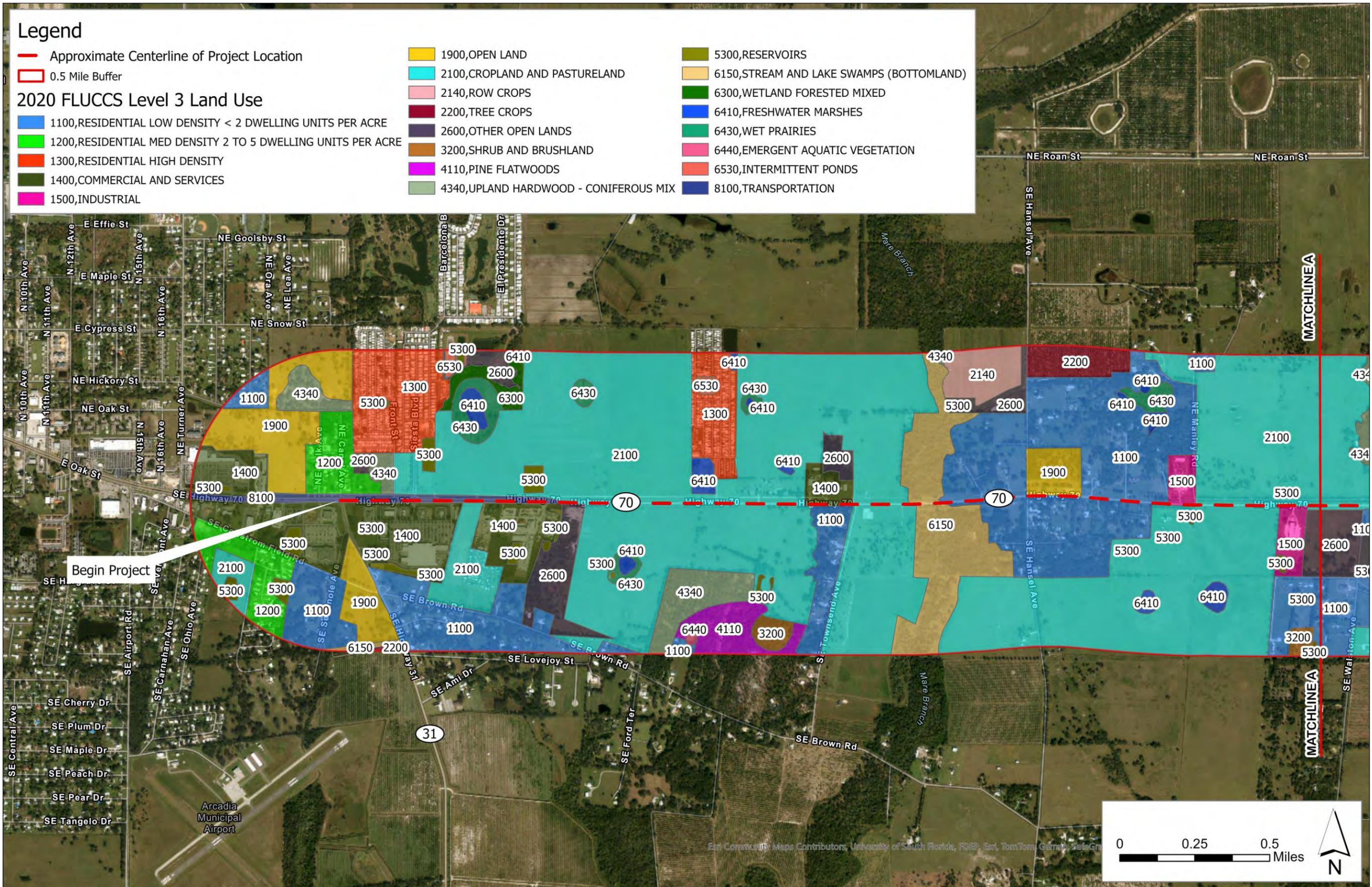
— Approximate Centerline of Project Location

□ 0.5 Mile Buffer

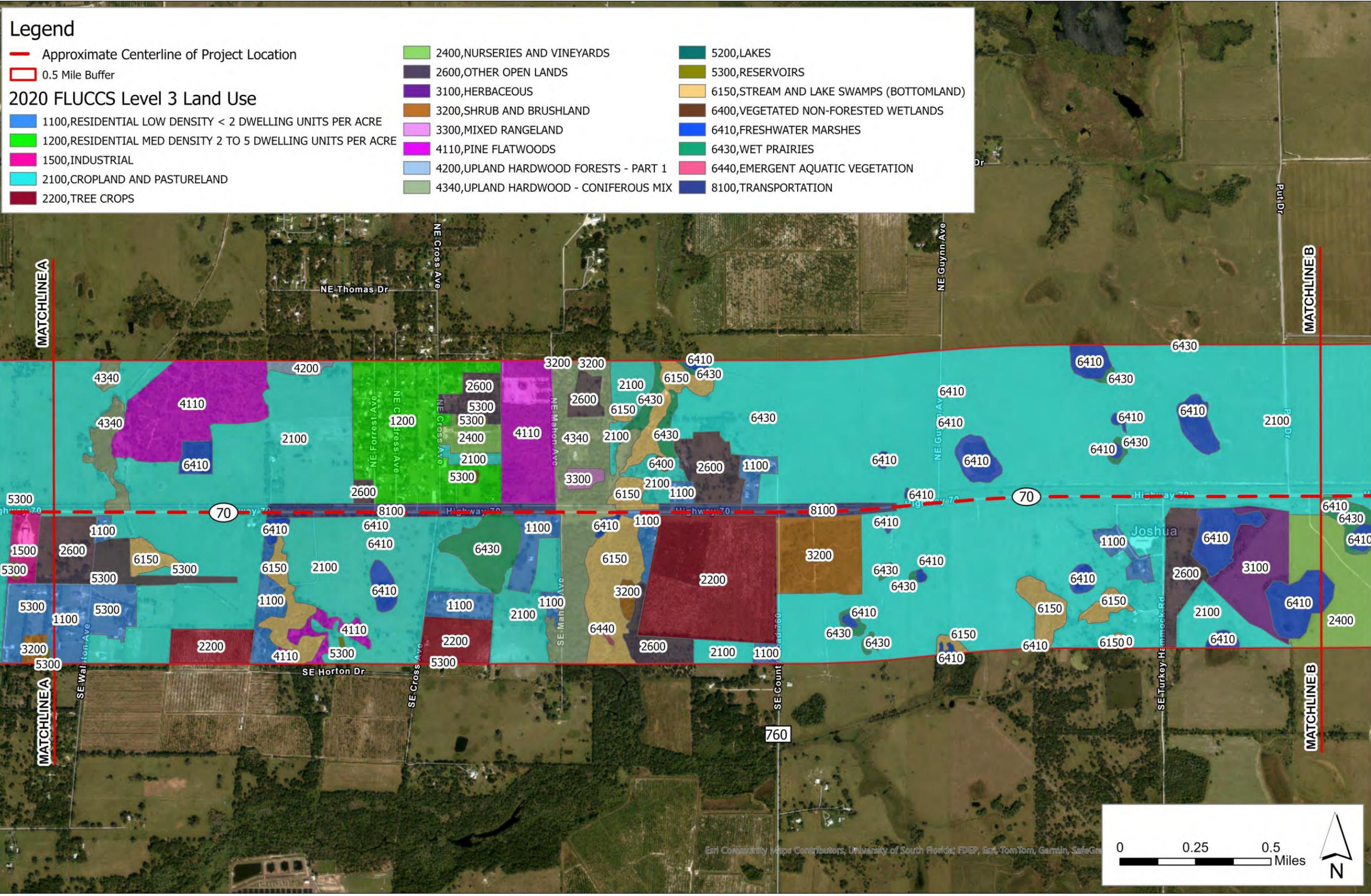
2020 FLUCCS Level 3 Land Use

- 1100, RESIDENTIAL LOW DENSITY < 2 DWELLING UNITS PER ACRE
- 1200, RESIDENTIAL MED DENSITY 2 TO 5 DWELLING UNITS PER ACRE
- 1300, RESIDENTIAL HIGH DENSITY
- 1400, COMMERCIAL AND SERVICES
- 1500, INDUSTRIAL

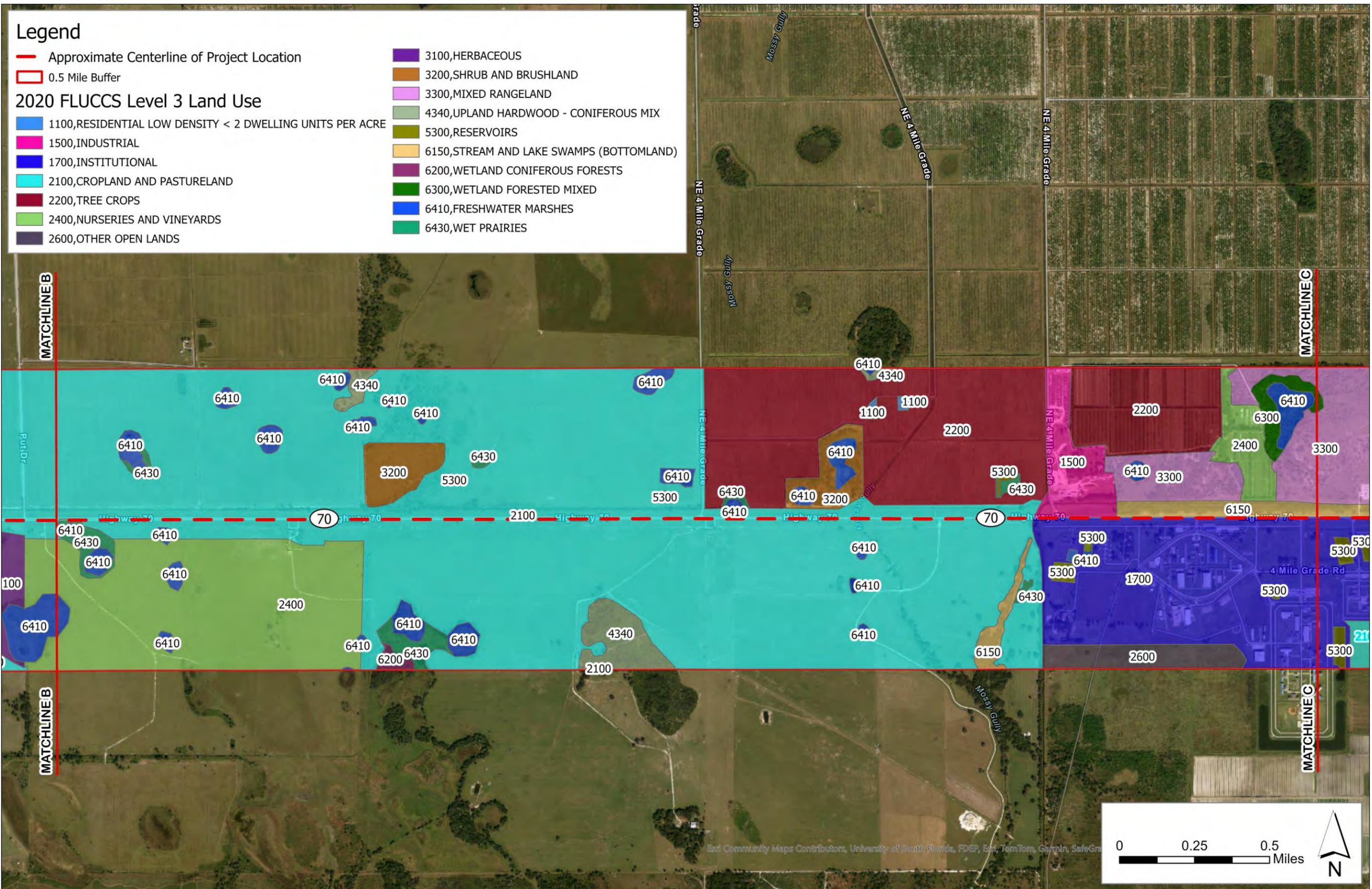
- 1900, OPEN LAND
- 2100, CROPLAND AND PASTURELAND
- 2140, ROW CROPS
- 2200, TREE CROPS
- 2600, OTHER OPEN LANDS
- 3200, SHRUB AND BRUSHLAND
- 4110, PINE FLATWOODS
- 4340, UPLAND HARDWOOD - CONIFEROUS MIX
- 5300, RESERVOIRS
- 6150, STREAM AND LAKE SWAMPS (BOTTOMLAND)
- 6300, WETLAND FORESTED MIXED
- 6410, FRESHWATER MARSHES
- 6430, WET PRAIRIES
- 6440, EMERGENT AQUATIC VEGETATION
- 6530, INTERMITTENT PONDS
- 8100, TRANSPORTATION



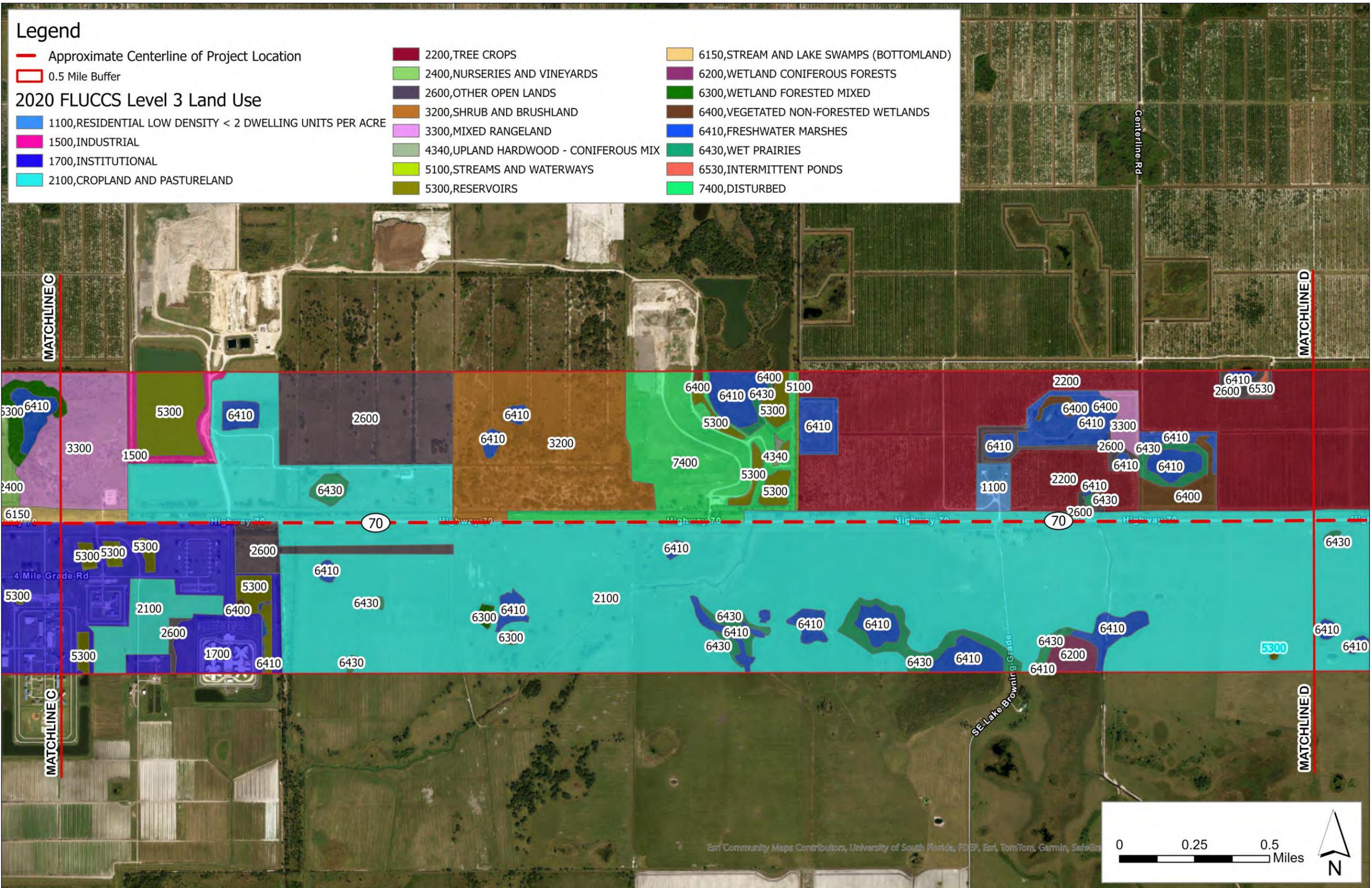
Appendix B – 2020 SWFWMD FLUCCS Land Use



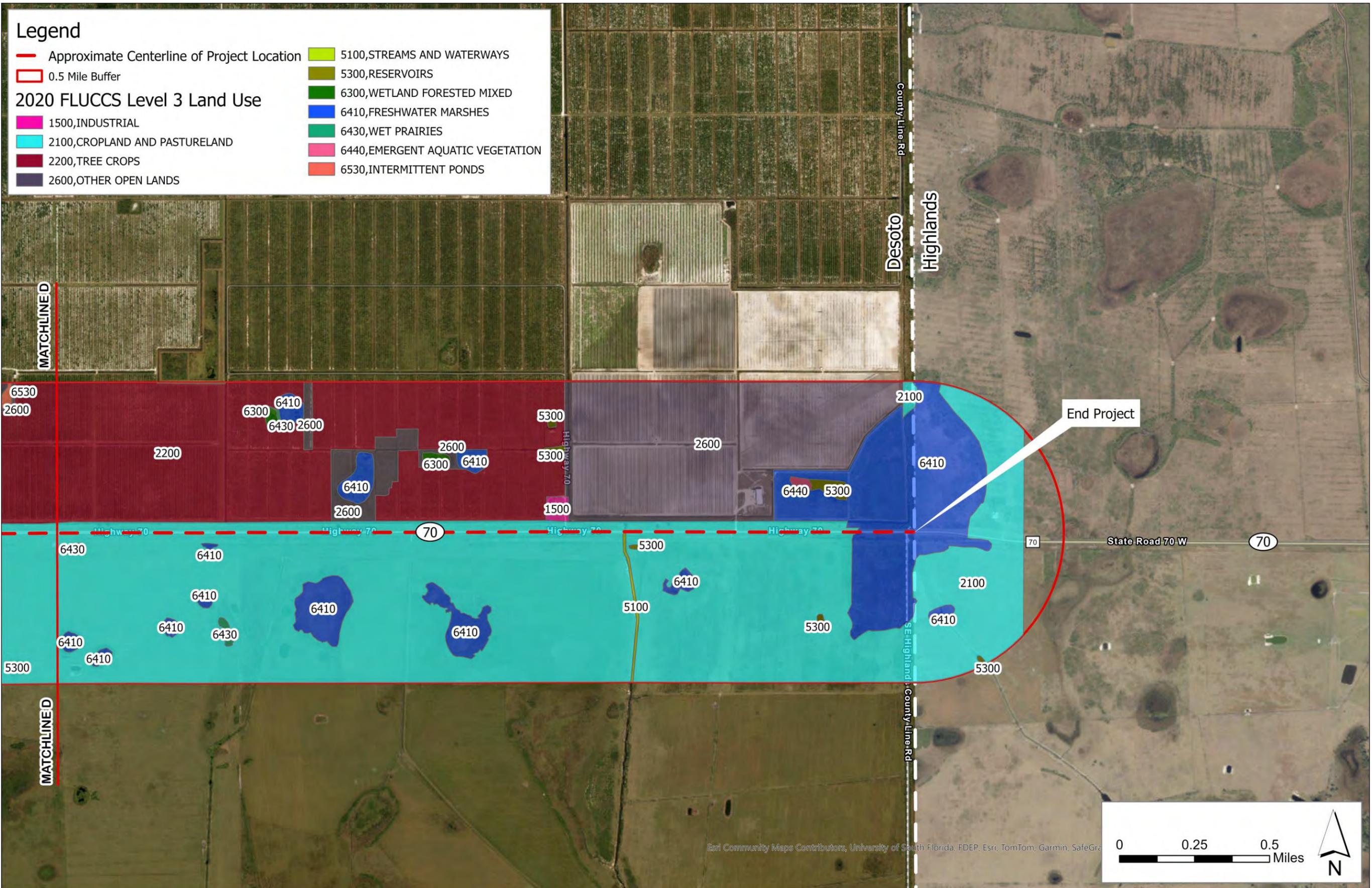
Appendix B – 2020 SWFWMD FLUCCS Land Use



Appendix B – 2020 SWFWMD FLUCCS Land Use

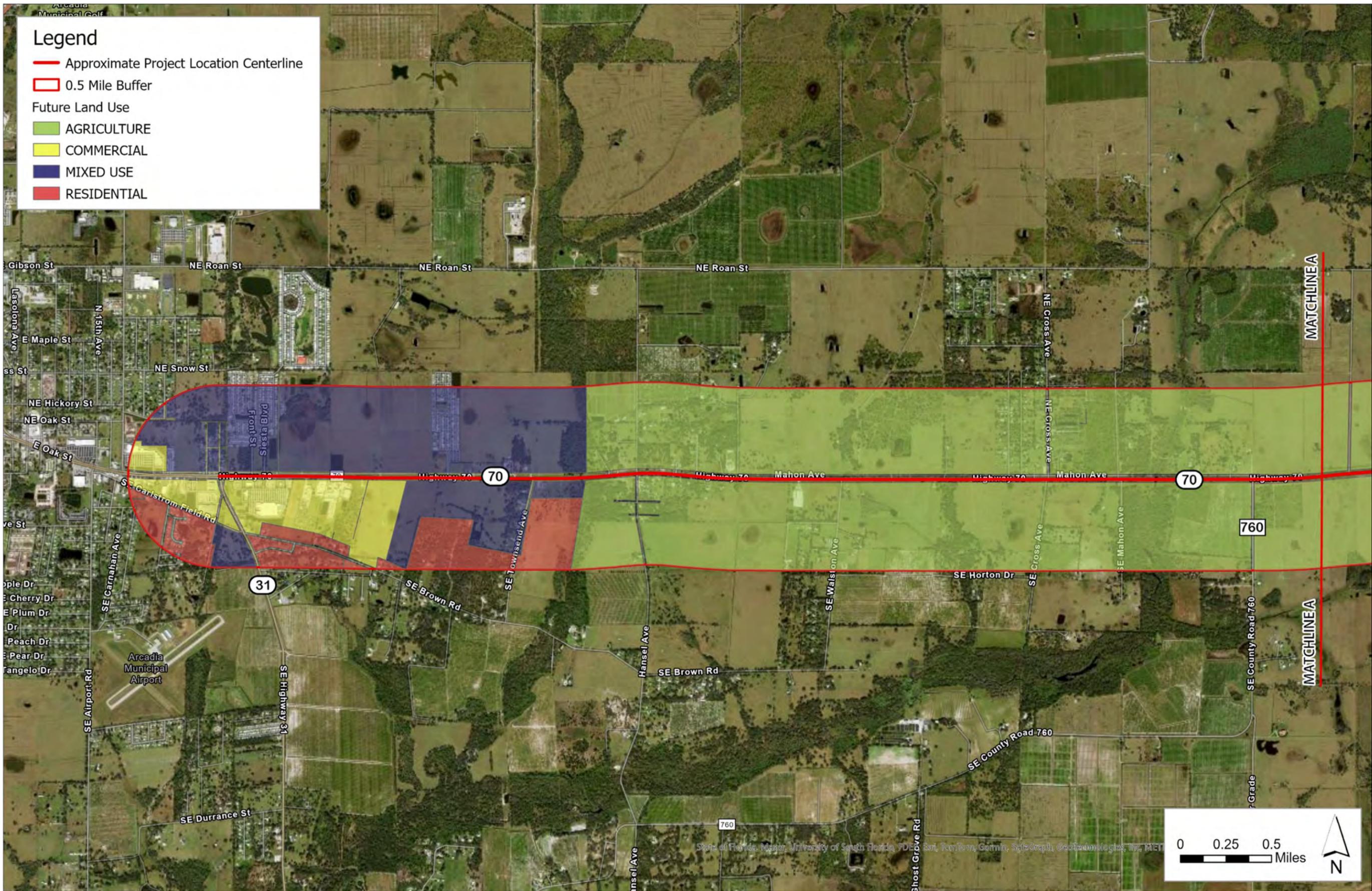


Appendix B – 2020 SWFWMD FLUCCS Land Use

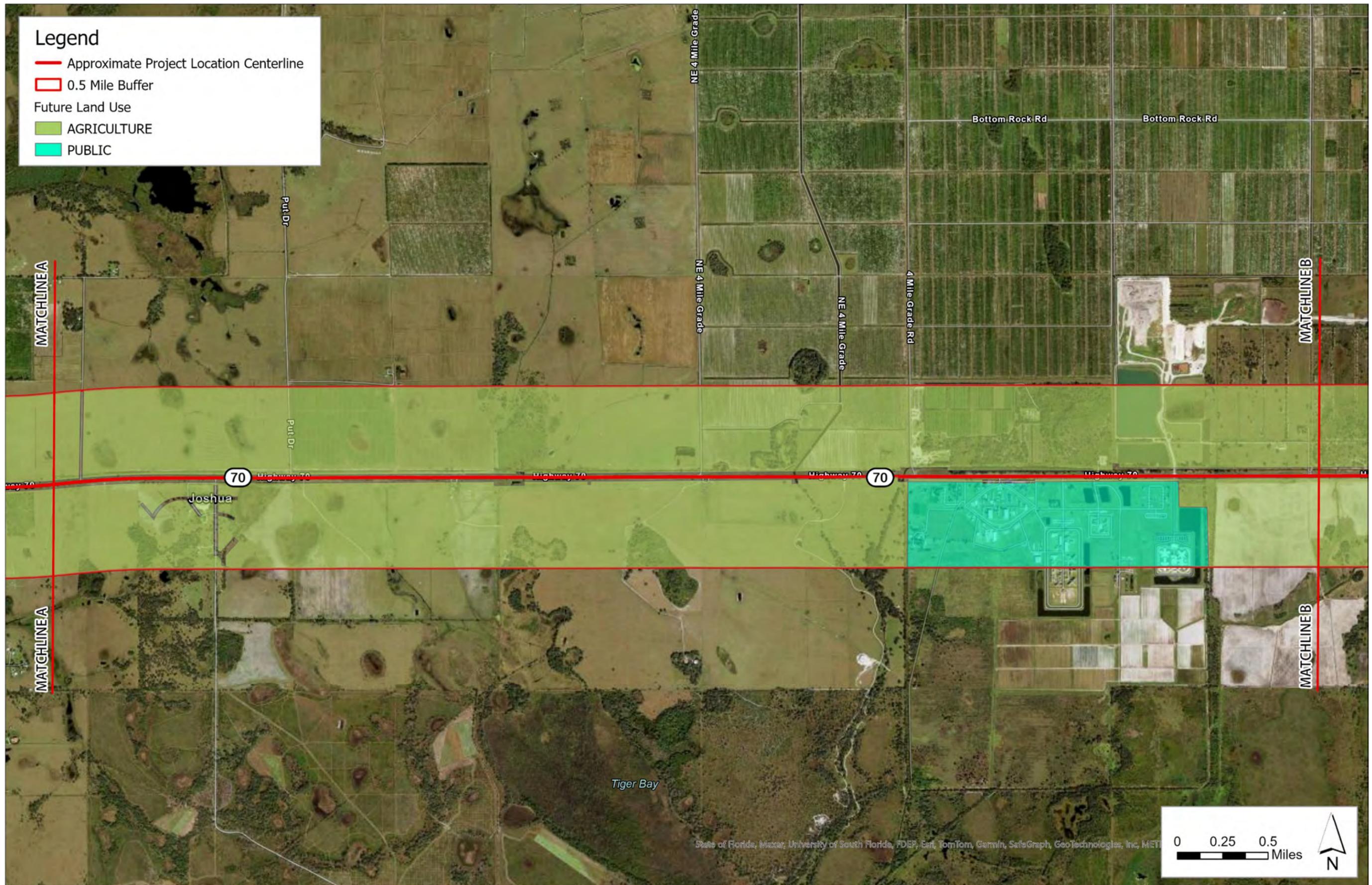


Appendix B – 2020 SWFWMD FLUCCS Land Use

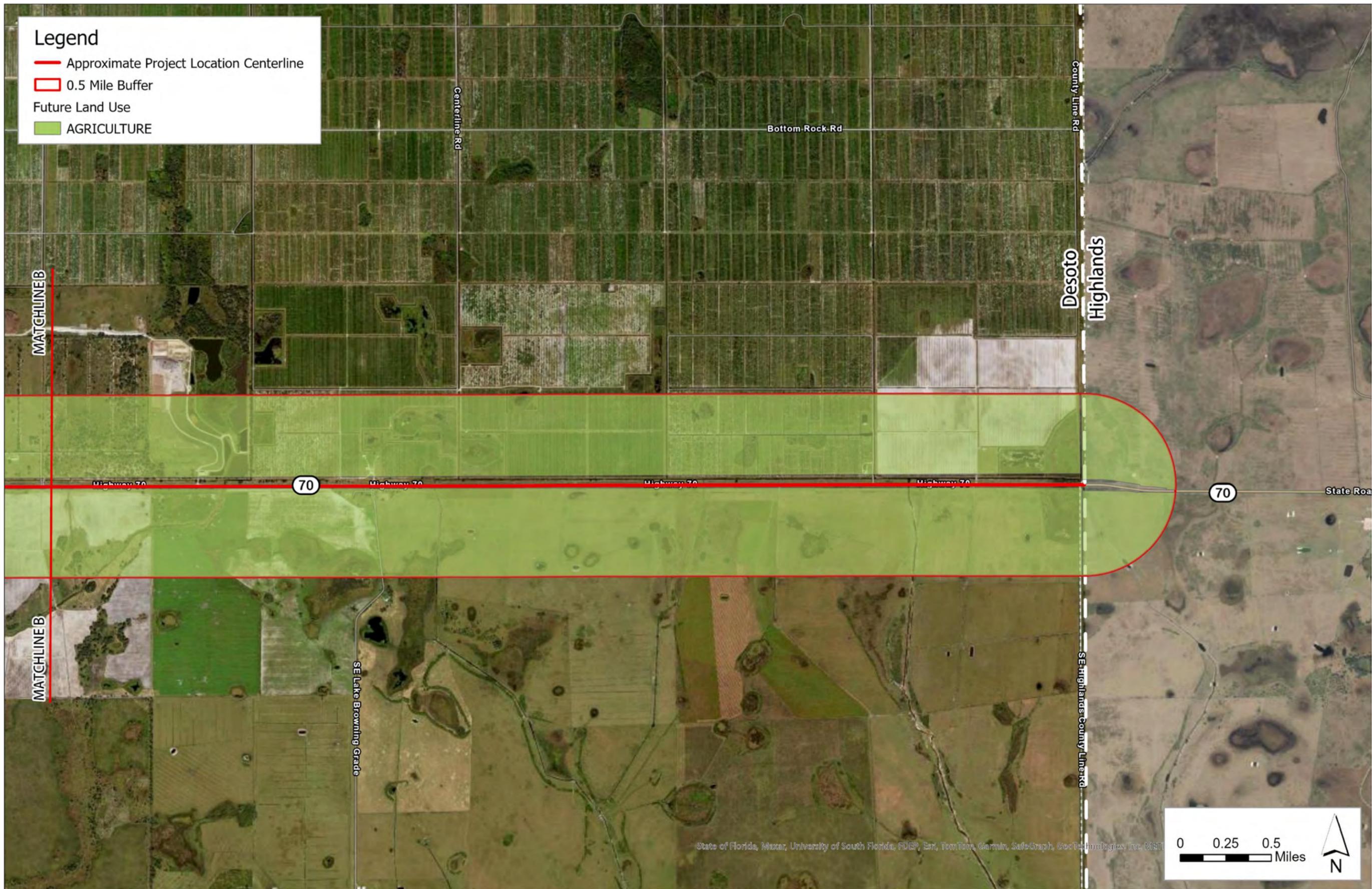
Appendix C – Future Land Use Maps



Appendix C – Future Land Use Maps

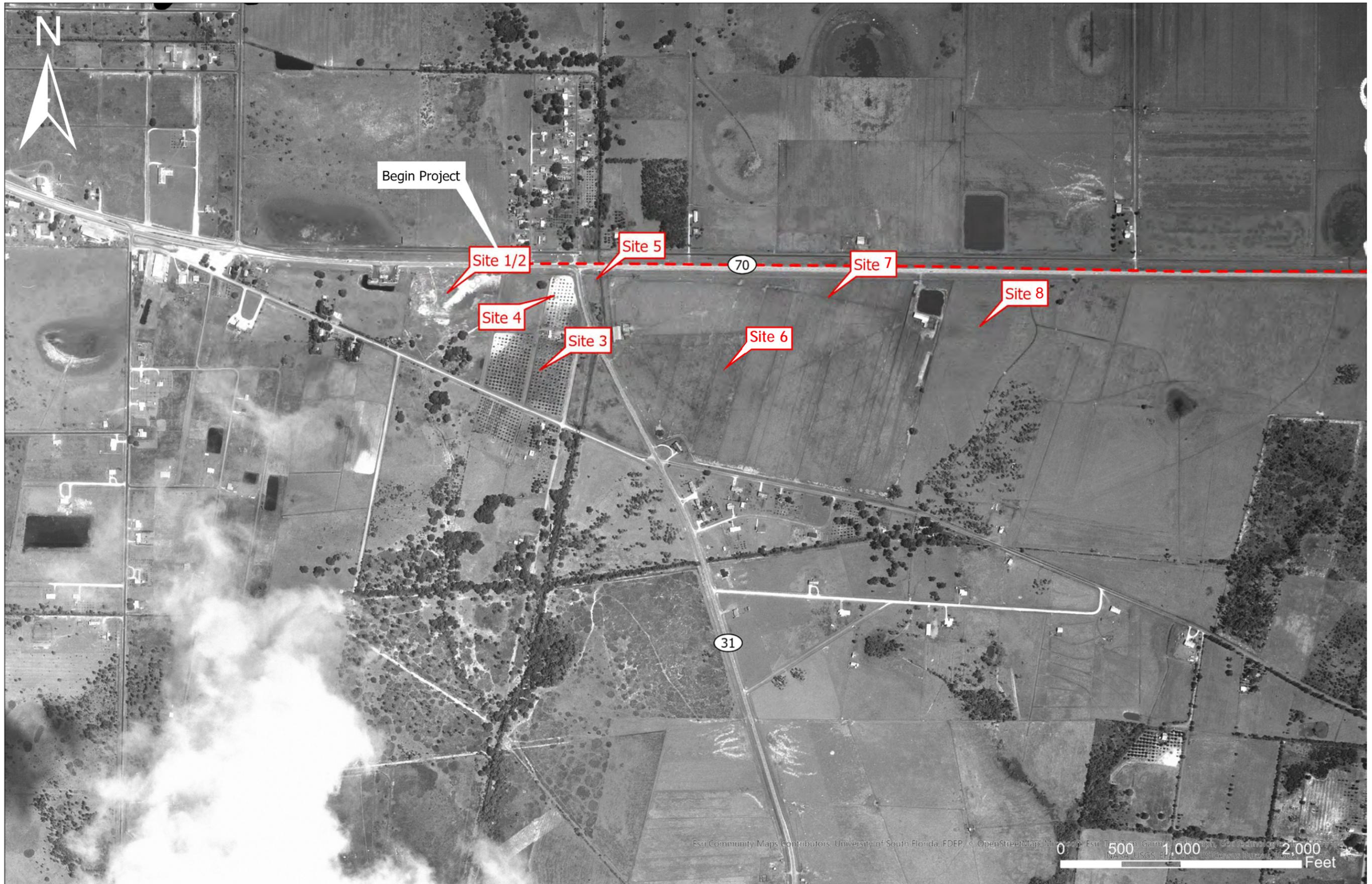


Appendix C – Future Land Use Maps

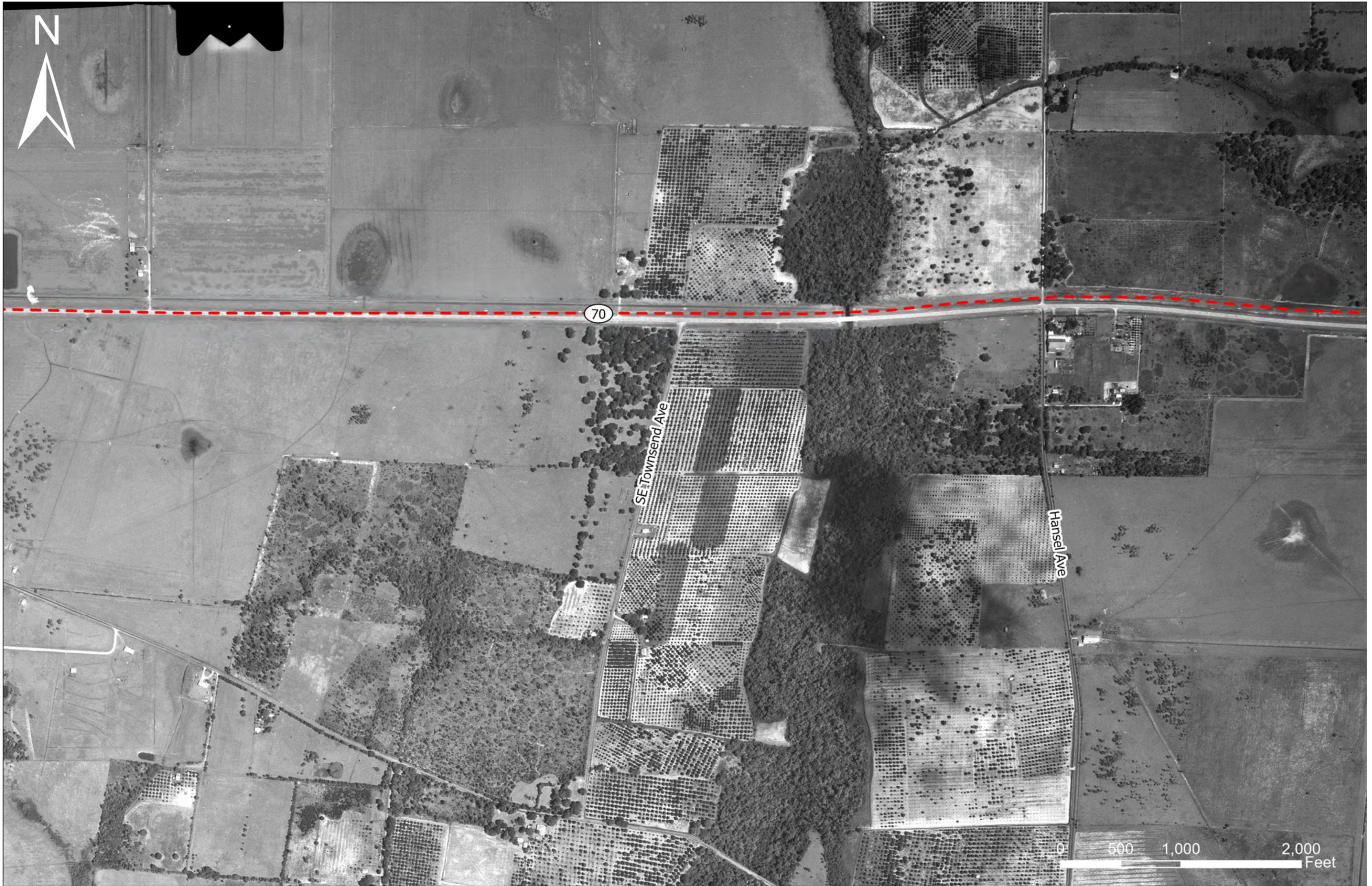


Appendix C – Future Land Use Maps

Appendix D – Historical Aerials



1968 Historical Aerial



1968 Historical Aerial



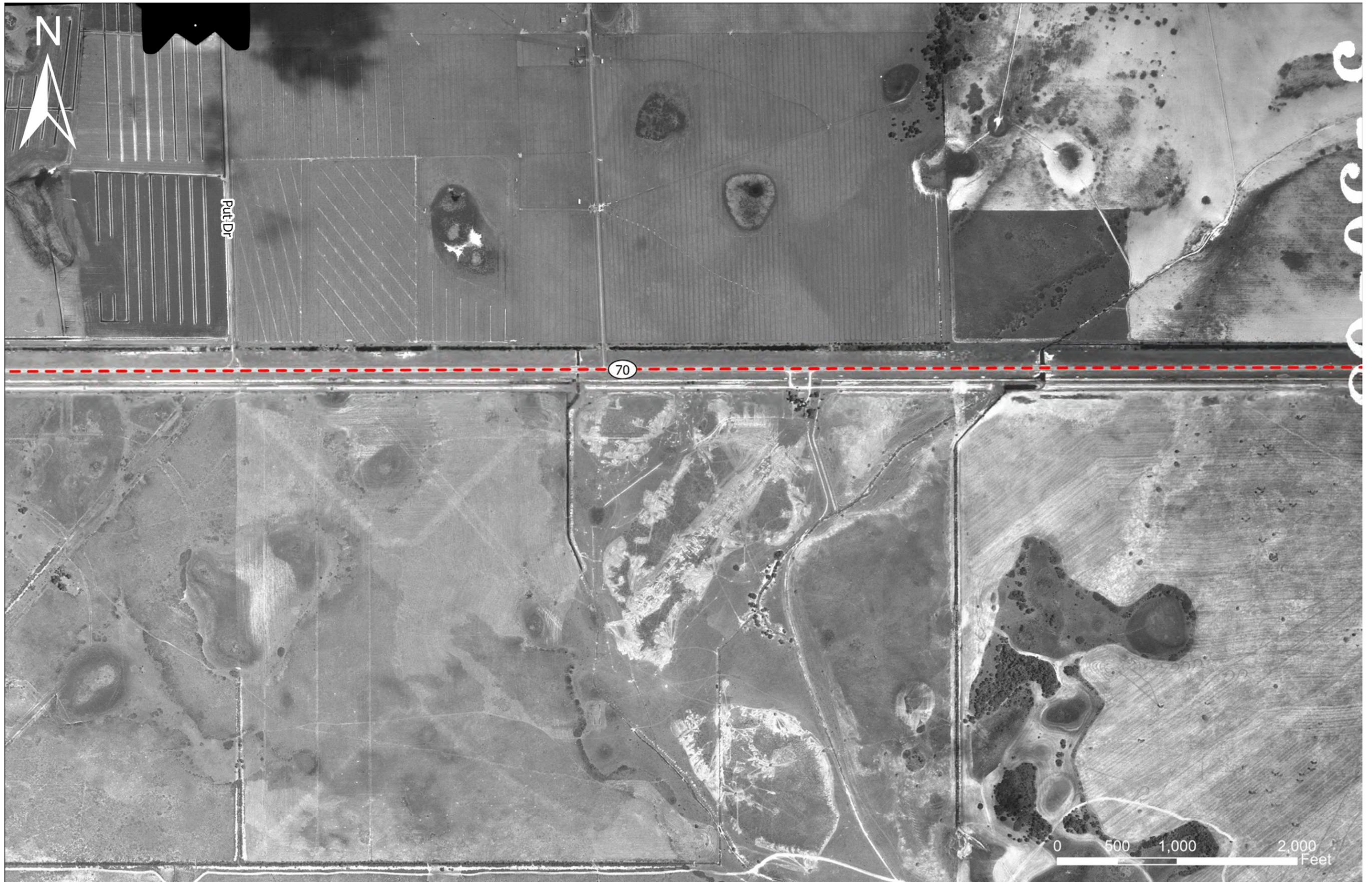
1968 Historical Aerial



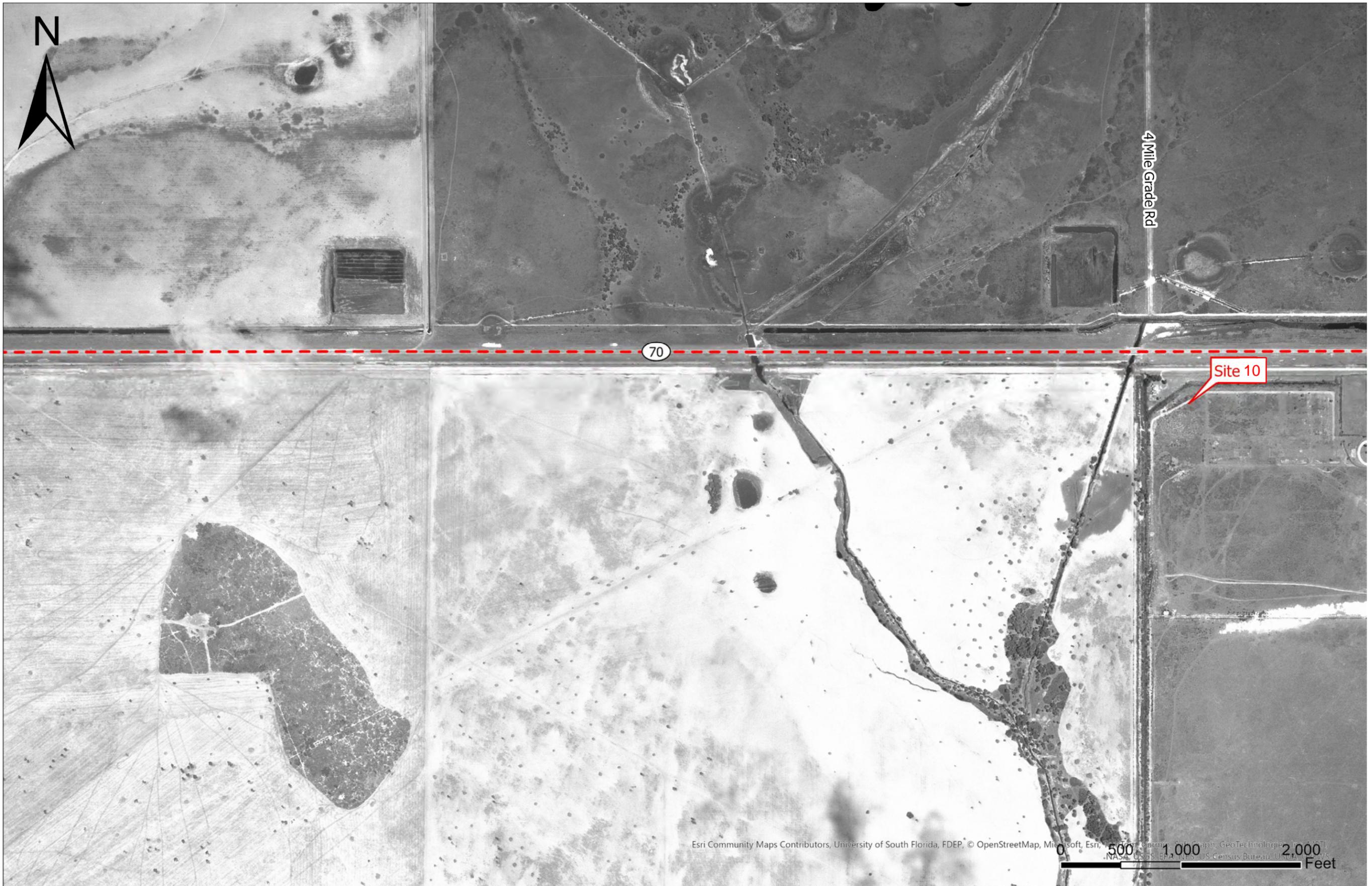
1968 Historical Aerial



1968 Historical Aerial



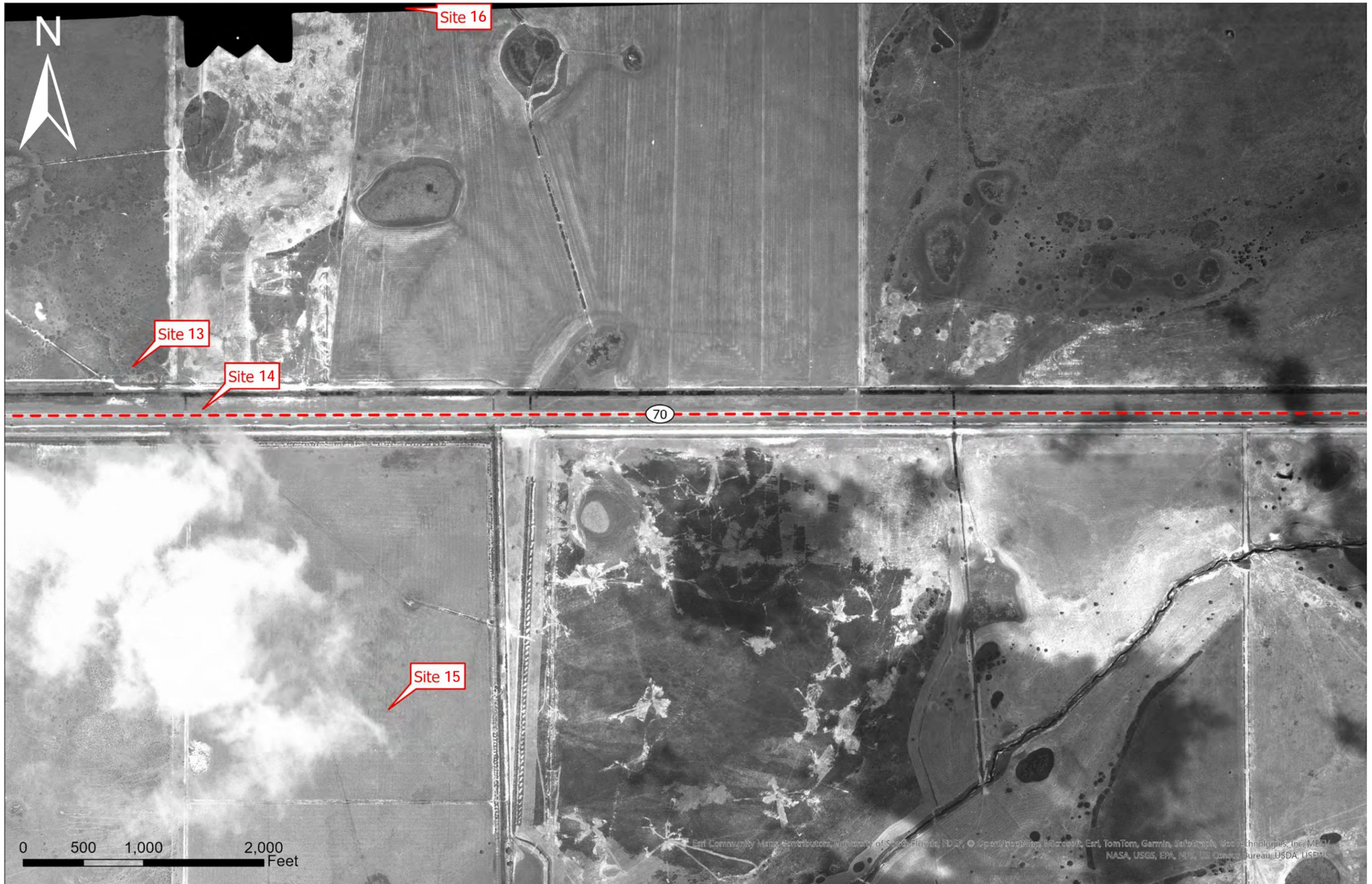
1968 Historical Aerial



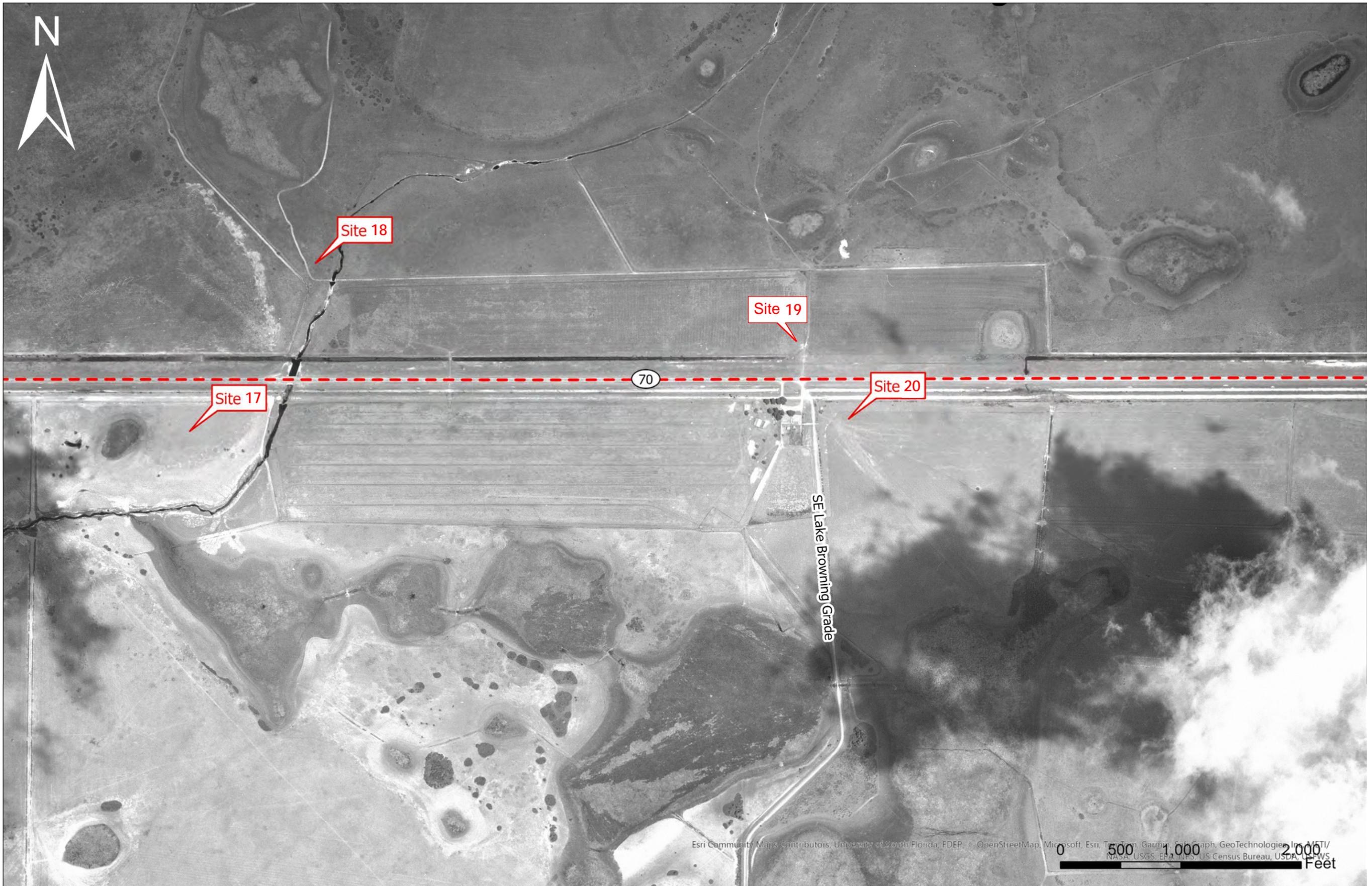
1968 Historical Aerial



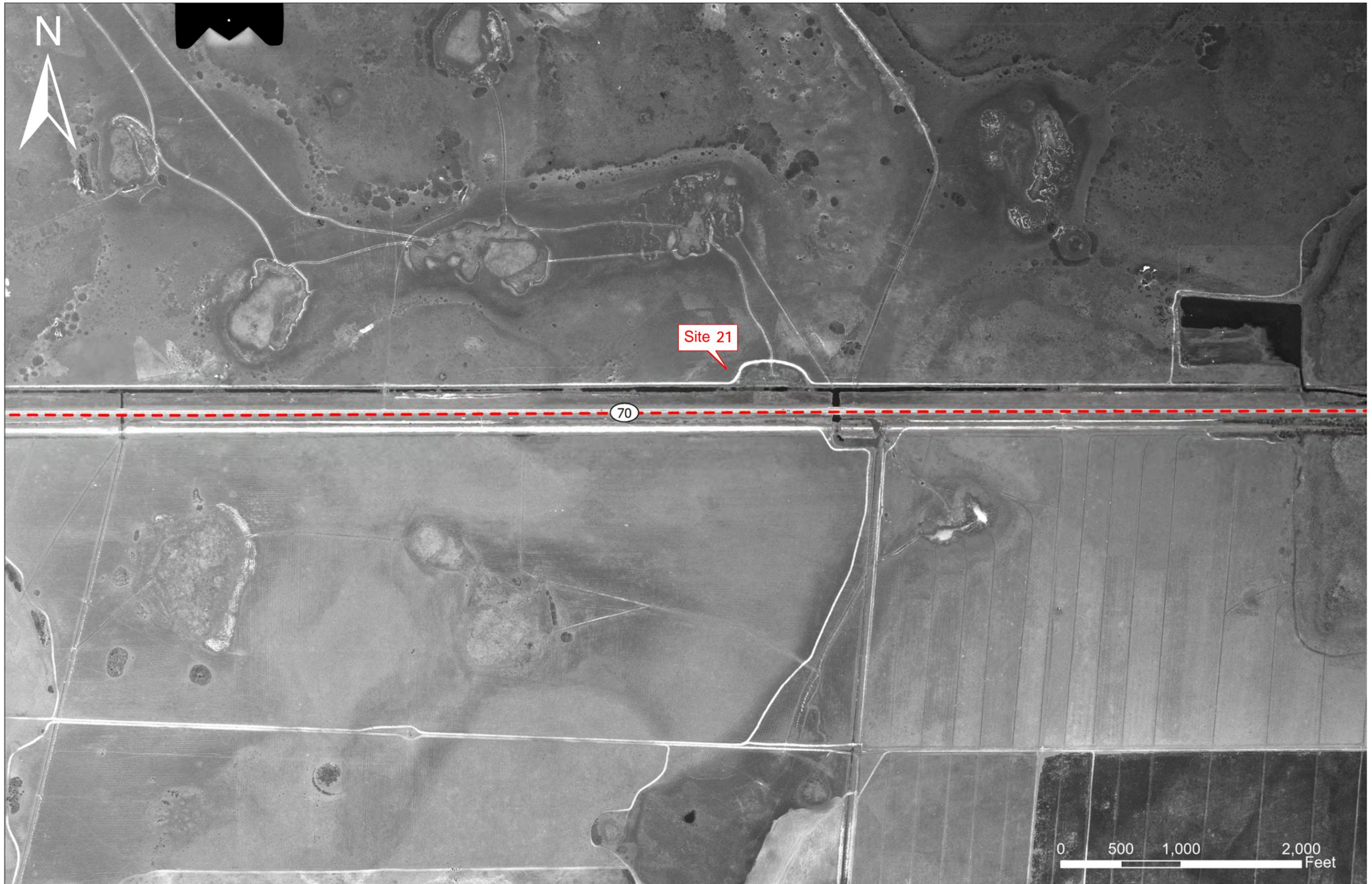
1968 Historical Aerial



1968 Historical Aerial



1968 Historical Aerial



1968 Historical Aerial



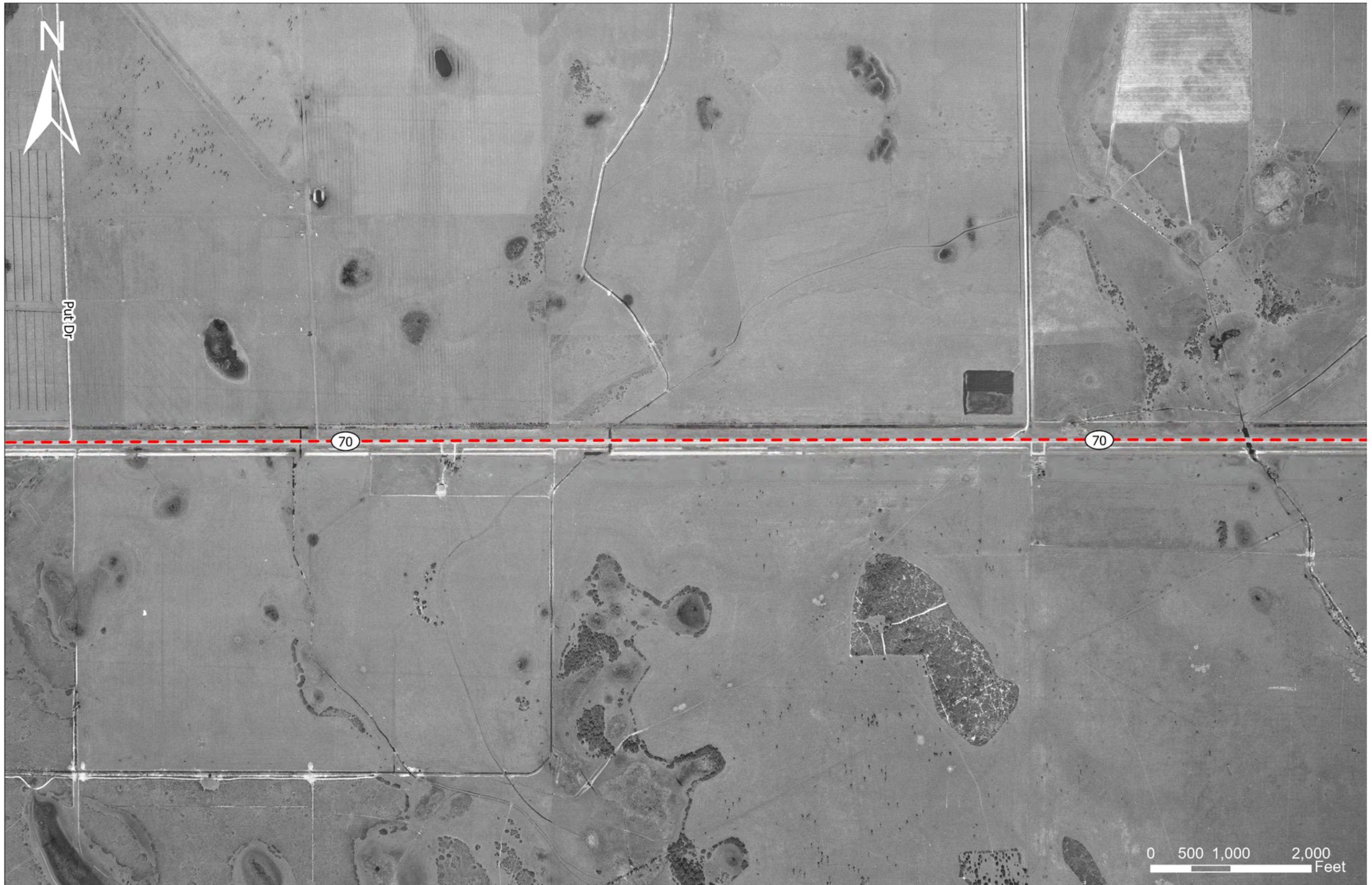
1968 Historical Aerial



1972 Historical Aerial



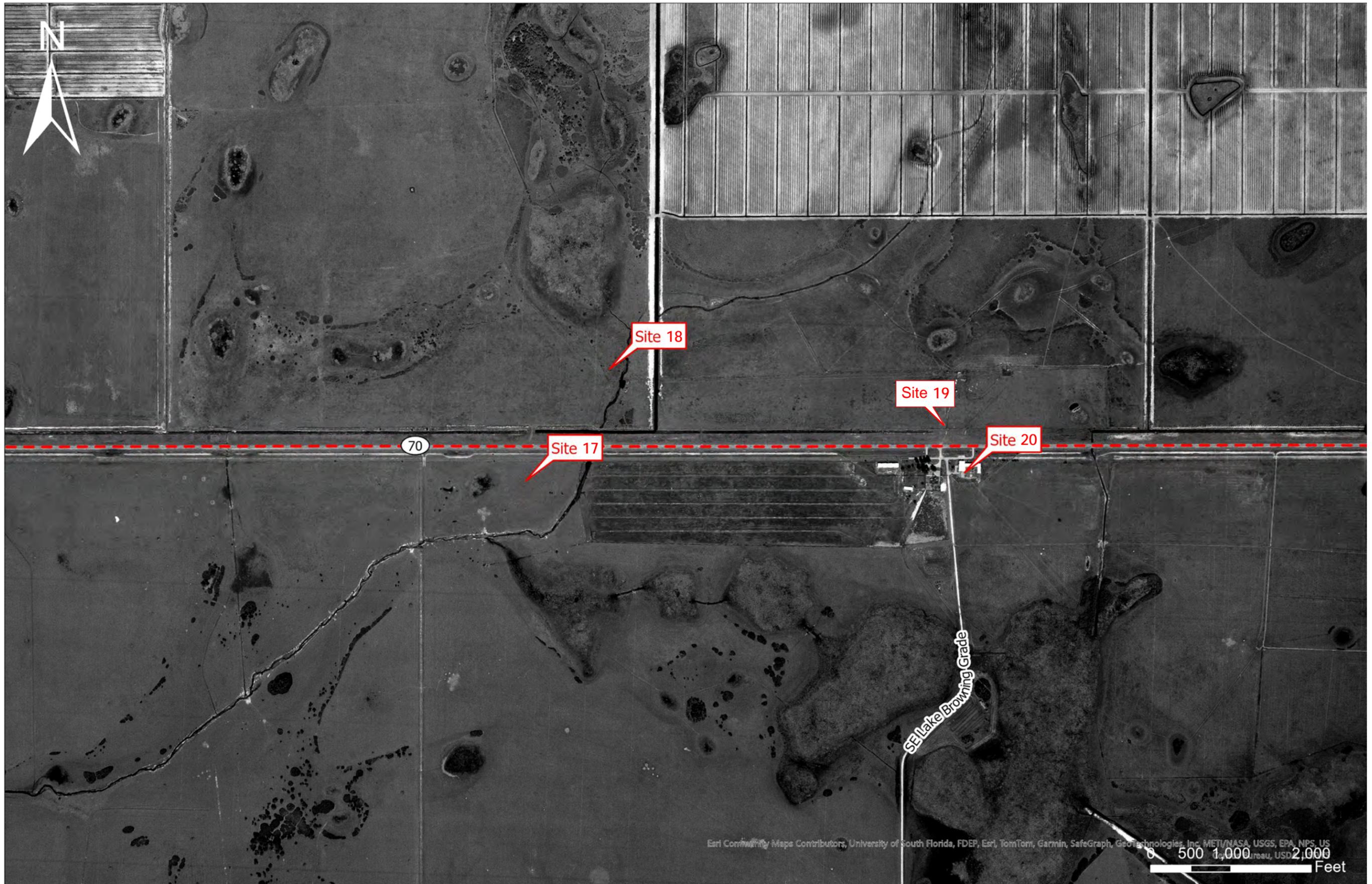
1972 Historical Aerial



1972 Historical Aerial



1972 Historical Aerial



1972 Historical Aerial



1972 Historical Aerial



1985 Historical Aerial



1985 Historical Aerial



1985 Historical Aerial



1985 Historical Aerial