



**FLORIDA SOUTHEAST CONNECTION
PROJECT**

RESOURCE REPORT 8
Land Use, Recreation, and Aesthetics

September 2014

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RESOURCE REPORT 8 – LAND USE, RECREATION, AND AESTHETICS	
Filing Requirement	Location in Environmental Report
<input checked="" type="checkbox"/> Classify and quantify land use affected by: (§380.12(j)(1)) <ul style="list-style-type: none"> - Pipeline construction and permanent rights-of-way; - Extra work/staging areas; - Access roads; - Pipe and contractor yards; and - Aboveground facilities <ul style="list-style-type: none"> • For aboveground facilities, provide the acreage affected by construction and operation, acreage leased or purchased, and describe the use of the land not required for operation. 	Section 8.2.1, 8.2.2, and 8.2-3 Tables 8.2-1, 8.2-2, 8.2-4, 8.2-5, 8.2-6, 8.2-7, 8.2-8
<input checked="" type="checkbox"/> Identify by milepost all locations where the pipeline right-of-way would at least partially coincide with existing right-of-way, where it will be adjacent to existing rights-of-way, and where it would be outside of existing right-of-way. (§380.12(j)(1))	Section 8.2.1 Table 8.2-3 Resource Report 1
<input checked="" type="checkbox"/> Provide detailed typical construction right-of-way cross-section diagrams showing information such as widths and relative locations of existing rights-of-way, new permanent right-of-way, and temporary construction right-of-way. (§380.12(j)(1))	Resource Report 1, Appendix 1A
<input checked="" type="checkbox"/> Summarize the total acreage of land affected by construction and operation of the project. (§380.12(j)(1))	Resource Report 1, Table 1.6-1
<input checked="" type="checkbox"/> Identify by milepost, all planned residential or commercial/business development and the time frame for construction. (§380.12(j)(3)) <ul style="list-style-type: none"> • Identify all planned development crossed or within 0.25 mile of proposed facilities. 	Section 8.3.1 Table 8.3-1
<input checked="" type="checkbox"/> Identify by milepost special land uses (e.g., sugar maple stands, specialty crops, natural areas, national and state forests, conservation land, etc.). (§380.12(j)(4))	Sections 8.2.3 and 8.4 Tables 8.2-10, 8.4-1, and 8.4-2
<input checked="" type="checkbox"/> Identify by beginning milepost and length of crossing all land administered by federal, state, and local agencies, or private conservation organizations. (§380.12(j)(4))	Section 8.4 Tables 8.4-1 and 8.4-2
<input checked="" type="checkbox"/> Identify by milepost all natural, recreational, or scenic areas, and all registered natural landmarks crossed by the project. (§380.12(j)(4&6)) <ul style="list-style-type: none"> • Identify areas within 0.25 mile of any proposed facility. 	Sections 8.4 and 8.5 Table 8.4-1
<input checked="" type="checkbox"/> Identify all facilities that would be within designated coastal zone management areas. (§380.12(j)(4&7))	Section 8.4.3
<input checked="" type="checkbox"/> Identify by milepost all residences that would be within 50 feet of the construction right-of-way or extra work area. (§380.12(j)(5))	Section 8.3.2 Table 8.3-2
<input checked="" type="checkbox"/> Identify all designated or proposed candidate National or State Wild and Scenic Rivers crossed by the project. (§380.12(j)(6))	Section 8.4

RESOURCE REPORT 8 – LAND USE, RECREATION, AND AESTHETICS	
Filing Requirement	Location in Environmental Report
<input checked="" type="checkbox"/> Describe any measures to visually screen aboveground facilities, such as compressor stations. (§380.12(j)(11))	Section 8.5
<input checked="" type="checkbox"/> Demonstrate that applications for rights-of-way or other proposed land use have been or soon will be filed with federal land-managing agencies with jurisdiction over land that would be affected by the project. (§380.12(j)(12))	Section 8.6

Responses to FERC Comments on Resource Report 8	
Comment Text	Comment Response and Location of Information
FERC Comments Dated 8/11/14	
<input checked="" type="checkbox"/> Include a summary table that lists land ownership (private, State Forest, FWS, etc.) by MP, and the construction and operation impacts on each area.	See Table 8.4-2
<input checked="" type="checkbox"/> Table 1.2-2 in draft RR1 lists mainline valves, a pig launcher, and a pig receiver along the proposed pipeline right-of-way; however, table 8.2-1 does not list the land use impacts associated with these facilities. While it is acknowledged these facilities would be located within the same area affected by the construction and/or operation of the pipeline right-of-way, their installation would result in the permanent conversion of existing land use(s) to commercial/industrial. Identify the permanent impacts and land use(s) affected by mainline valves, the pig launcher, and the pig receiver. Also describe the existing visual characteristics surrounding each facility site and FSC's proposed visual screening for these facilities.	See Table 8.2-2 and Section 8.5.2
<input checked="" type="checkbox"/> Revise table 8.2-2 so that construction impacts represent the proposed 100-foot-wide nominal construction right-of-way in uplands, the proposed 75-foot-wide construction right-of-way in wetlands, and includes ATWS. In addition, revise the footnote to clarify these assumptions.	See Table 8.2-2
<input checked="" type="checkbox"/> Section 8.2.1.3 states that proposed ATWS within 50 feet of a wetland or waterbody are identified in bold in table 8.2-4. None of the ATWS areas listed in table 8.2-4 are bold. Therefore, verify that FSC intends to locate all ATWS 50 feet or greater from wetlands or waterbodies. If not, revise table 8.2-4 to identify ATWS in and within 50 feet of wetlands or waterbodies.	See Table 8.2-4
<input checked="" type="checkbox"/> Update table 8.2-3 to include columns that identify the amount of temporary construction workspace and permanent operational easement that would overlap with existing rights-of-way.	See Table 8.2-3
<input checked="" type="checkbox"/> Update table 8.2-5 to disclose whether each access road is public or private.	See Table 8.2-5
<input checked="" type="checkbox"/> Table 8.2-6 indicates that some yards (e.g., Okeechobee County, Martin County) would affect open water. Confirm FSC would not impact open water areas at yard facilities, and revise the table to reflect the appropriate impacts.	See Table 8.2-6
<input checked="" type="checkbox"/> Clarify if "New Land Requirements" listed in table 8.2-7 equates to the area of permanent disturbance. If not, identify the area permanently affected for facility operation.	See Table 8.2-7

Responses to FERC Comments on Resource Report 8	
Comment Text	Comment Response and Location of Information
<input checked="" type="checkbox"/> Describe the timeframe in which temporary and permanent irrigation or other drainage system repairs would occur if damaged by construction activities (e.g., define when FSC would conduct temporary and permanent repairs).	Section 8.2.3.1, Agricultural Land (Agricultural Drainage and Irrigation Systems).
<input checked="" type="checkbox"/> Identify by MP septic systems crossed by the FSC Project. Describe how FSC would attempt to avoid these areas during construction and/or the timeframe in which temporary and permanent septic system repairs would occur if damaged by construction activities (e.g., define when FSC would conduct temporary and permanent repairs).	Section 8.2.3.5, Residential Land
<input checked="" type="checkbox"/> Describe the use(s) (e.g., recreational, investment land) of the “areas of worship” identified in section 8.2.3.7.	See Section 8.2.3.7, Special Land Uses
<input checked="" type="checkbox"/> Per the U.S. Department of Agriculture’s (USDA) <i>Wetlands Reserve Program Compatible Use Authorization Approval Process</i> (November 2011), a pipeline is “prohibited” or is not considered a “compatible use” and would require issuance of a Subordination Agreement from the USDA, Natural Resources Conservation Service (NRCS). Therefore, verify and provide documentation of consultation with the USDA, NRCS regarding the proposed pipeline crossing of a Wetland Reserve Program easement.	See Section 8.4.2.1, Natural Resource Conservation Service and Farm Service Agency Programs
<input checked="" type="checkbox"/> Provide an update of agency and landowner consultations referenced in section 8.4 for each special interest area. For each location, identify requests for special construction methods, timing, restoration measures, etc., and identify if FSC would adopt these measures. For areas in which consultations with the agency or landowner are pending, provide an anticipated date in which FSC would provide this information to FERC staff.	See Section 8.4.5.1, Public and Recreation Lands
<input checked="" type="checkbox"/> Separate table 8.3-2 into two tables; one that presents residences only and another that presents all other structures within 50 feet of the FSC Project.	See Tables Section, Table 8.3-2a and Table 8.3-2b.
<input checked="" type="checkbox"/> For the locations identified in table 8.3-2 where FSC proposes to remove an existing dwelling, barn, or other structure, describe whether FSC considered alternative routing and the parameters by which FSC determined avoidance is unfeasible. Additionally, provide the status of easement negotiations for each parcel where a structure would be permanently removed.	See Table 8.3-2c

Responses to FERC Comments on Resource Report 8	
Comment Text	Comment Response and Location of Information
<input checked="" type="checkbox"/> Provide an update of FSC's correspondence with the Florida Department of Transportation (FDOT) regarding its State Route 60 widening project. Identify the potential for conflicts with this project, and provide any relevant correspondence from the FDOT.	See Section 8.3.1.1, Pipeline Facilities

ACRONYMS AND ABBREVIATIONS

ACEP	Agricultural Conservation Easement Program
ATWS	additional temporary workspace
CREP	Conservation Reserve Enhancement Program
CRP	Conservation Reserve Program
DRI	Development of Regional Impact
ER	Environmental Report
FDACS	Florida Department of Agriculture & Consumer Services
FDEP	Florida Department of Environmental Protection
FDOT	Florida Department of Transportation
FERC	Federal Energy Regulatory Commission
FFS	Florida Forest Service
FWC	Florida Fish and Wildlife Conservation Commission
FLUCFCS	FDOT's Florida Land Use, Cover and Forms Classification System
FNST	Florida National Scenic Trail
FPL	Florida Power & Light Company
FRPP	Farm and Ranchland Protection Program
FSA	USDA Farm Service Agency
FSC	Florida Southeast Connection, LLC
GIS	geographical information systems
GRP	Grassland Reserve Program
HDD	horizontal directional drill
INGAA	Interstate Natural Gas Association of America
KCOL	Kissimmee Chain of Lakes
LWCF	Land and Water Conservation Fund
MLV	mainline valve
MMcf/d	Million cubic feet per day
MP	milepost
MUVC	Multi Use Village Center
NOP	National Organic Program
NPS	National Park Service
NRCS	USDA Natural Resources Conservation Service
NWR	National Wildlife Refuge
PD&E	Project Development and Environment study
SR	State Road
SFWMD	South Florida Water Management District
TWS	temporary workspace
USDA	United States Department of Agriculture
USFS	United States Department of Agriculture Forest Service
USFWS	United States Fish and Wildlife Service
USGS	U.S. Geological Survey
WMA	Wildlife Management Area
WMD	water management district
WRP	Wetland Reserve Program

8.0 RESOURCE REPORT 8 – LAND USE, RECREATION, AND AESTHETICS

8.1 INTRODUCTION

Florida Southeast Connection, LLC (“FSC”), a subsidiary of NextEra Energy, Inc., is seeking a Certificate of Public Convenience and Necessity (“Certificate”) from the Federal Energy Regulatory Commission (“FERC”) pursuant to Section 7(c) of the Natural Gas Act (“NGA”) authorizing the construction and operation of an approximately 126.4 mile natural gas pipeline known as the Florida Southeast Connection Project (“FSC Project”). The FSC Project is designed to meet the increased demand for natural gas by the electric generation, distribution, and end use markets in Florida. The FSC Project will also provide additional natural gas supply diversity through a connection to the new Sabal Trail Transmission Pipeline Project (“Sabal Trail”) via a new interconnection hub in central Florida (“Central Florida Hub”). The Sabal Trail Project is the subject of a separate, but related, certificate filing to the FERC.

The FSC Project will increase natural gas transportation capacity and availability to southern Florida by adding a new third pipeline in central and southern Florida. Upon the anticipated in-service date of May 2017, the FSC Project will be capable of providing a minimum of 640 million cubic feet per day (“MMcf/d”) of natural gas to a delivery point at an existing gas yard at Florida Power & Light Company’s (“FPL”) Martin Clean Energy Center in Martin County, Florida.

The proposed FSC Project consists of the construction and operation of approximately 77.1 miles of 36-inch diameter pipeline (MP 0.0 to MP 77.1) and 49.3 miles of 30-inch diameter pipeline (MP 77.1 to MP 126.4) and the construction and operation of the Martin Meter Station. The FSC Project pipeline will start in Osceola County, Florida at the interconnection with Sabal Trail within the Central Florida Hub. The pipeline will traverse Polk, Osceola, Okeechobee, St. Lucie, and Martin Counties, and terminate at the Martin Meter Station. In addition, FSC will install a pig launcher and receiver on the 36-inch diameter segment and on the 30-inch diameter segment of the FSC Project. Resource Report 1 provides a complete summary of the FSC Project facilities (Table 1.2-1) and a location map of the FSC Project facilities (Figure 1.2-1).

Resource Report 8 describes the FSC Project land requirements, identifies existing land use conditions in the FSC Project area, addresses potential land use impacts associated with construction and operation of the FSC Project, and discusses ways in which FSC will help ensure that any such impacts are minimized. It addresses temporary and permanent land use impacts associated with the pipeline and aboveground facilities. Section 8.2 describes the existing land use setting and specifies and defines the land use categories for which impacts were assessed. Section 8.3 quantifies the potential impacts on these land uses from the FSC Project construction, operation, and maintenance by FSC Project facilities and by land use type. Section 8.3 also discusses mitigation of the FSC Project impacts and documents planned residential and commercial areas in the FSC Project vicinity. Section 8.4 discusses public, recreational, and other similar areas that could potentially be impacted by the FSC Project. Relevant agency and landowner consultations are described in Section 8.5. Impacts to visual resources are addressed in Section 8.6, and the references cited in this Resource Report 8 are provided in Section 8.7. A checklist showing the status of the FERC filing requirements for Resource Report 8 is included in the table of contents.

FSC has adopted the Commission’s Plan and Procedures (May 2013 version) and will construct the FSC Project in accordance with the Plan and Procedures, with the exception of requested deviations from the Procedures identified in Resource Report 2 – Water Use and Quality. Mitigation measures generally are described throughout this report by affected land use

categories in Section 8.3.1. FSC will minimize or limit the amount, duration, and extent of construction-related impacts to the extent practicable.

The FSC Project facilities are shown on the U.S. Geological Survey (“USGS”) quadrangle maps provided in Appendix 1A of Resource Report 1. Resource Report 2 provides a description of the wetlands and waterbodies crossed by the FSC Project including public watersheds, while Resource Report 3 provides a detailed description of the vegetation cover types crossed by the FSC Project.

8.2 LAND USE

Land use classification along the FSC Project route was completed using information gathered and observations made from field surveys, discussions with landowners, through interpretation of recent high quality aerial photographs and USGS quadrangle maps, and from Florida Department of Transportation’s Florida Land Use, Cover and Forms Classification System (“FLUCFCS”) (FDOT, 1999) geographical information systems (“GIS”) data. Land use types along the FSC Project route are herein classified into the following six classifications based on predominant land uses:

- Agricultural: cultivated land including citrus groves;
- Open land: utility right-of-ways, open fields, vacant land, herbaceous and scrub uplands, non-forested lands, emergent wetland, scrub-shrub wetland, golf courses, and municipal land;
- Forest/Woodland: upland and wetland forest and pine plantation;
- Industrial/Commercial: manufacturing or industrial plants, paved areas, landfills, mines, quarries electric power or natural gas utility facilities; developed areas, roads, railroads and railroad yards, and commercial or retail facilities;
- Residential: existing developed residential areas and planned residential developments. This may include large developments, low, medium, and high density residential neighborhoods, urban/suburban residential, multi-family residences, ethnic villages, residentially zoned areas that have been developed or short segments of the route at road crossings with homes near the route alignment; and
- Open water: water crossings greater than 100 feet wide and streams visible on aerial photography but less than 100 feet in width. Pipeline waterbody crossings greater than 100 feet wide are discussed in detail in Resource Report 2 – Water Use and Quality.

Resource Report 3 provides a detailed description of the vegetation cover types crossed by the proposed FSC Project. Resource Report 1 summarizes the FSC Project’s overall land impacts in Table 1.6-1.

8.2.1 Pipeline Facilities

8.2.1.1 Temporary Workspace and Permanent Right-of-Way

The typical construction right-of-way width for the FSC Project in non-agricultural upland areas will be 100 feet and will consist of 50 feet of new permanent right-of-way and 50 feet of temporary construction workspace (“TWS”). The proposed 100-foot wide construction right-of-way is consistent with the Interstate Natural Gas Association of America (“INGAA”) baseline width of 110 feet for a pipeline diameter of 30 - 36 inches. The INGAA recommends use of these baseline widths while recognizing the need to increase or decrease baseline widths for special conditions (GIE, 1999). Additionally, FSC proposes to increase its typical workspace

configuration to 125 feet in agricultural areas (not including citrus groves) to allow for full right-of-way topsoil segregation. Workspace within the majority of wetlands will be reduced to 75 feet to minimize impacts.

Vegetation within a 30 foot width centered over the pipeline in the permanent right-of-way will be maintained in an herbaceous state, except in wetlands and adjacent to perennial waterbodies, where maintenance clearing of woody vegetation will be limited to a 10-foot wide strip centered directly over the pipeline (with selective removal of trees within 15 feet of either side of the pipeline with roots that could compromise the integrity of the pipeline coating). Tree clearing and vegetation maintenance within the permanent right-of-way will result in the conversion of forested upland to open land within forested upland portions of the permanent right-of-way and the permanent conversion of forested wetland to emergent/scrub-shrub wetland where the permanent right-of-way crosses forested wetlands. Row crop production will be allowed to continue in agricultural areas; therefore, permanent conversion of existing row crop lands to a different land use is not anticipated. In areas crossing citrus groves, FSC will negotiate appropriate compensation with affected landowners for the loss of production on both a temporary and permanent basis. Following construction, the landowner may replant the TWS areas.

Pipeline right-of-way workspace configurations and dimensions are indicated on the alignment sheets, as well as on the typical right-of-way configuration drawings, both located in Appendix 1A. Table 8.2-1 and Table 8.2-2 identify land uses to be crossed by the FSC Project (including percent of total Project) and acreage to be affected by land use type during construction and operation of the pipeline, respectively.

8.2.1.2 Existing Rights-of-Way

Table 8.2-3 summarizes the types of existing rights-of-way collocated with the proposed FSC Project. Collocation includes areas where proposed workspace is located immediately adjacent to or within existing utility rights-of-way. Where collocation with existing electric utility easements is proposed, FSC's intent is to design the workspace such that the permanent easement for the FSC pipeline will be located immediately adjacent to or within the existing easement of the electric transmission utility where feasible. Coordination with applicable electric transmission companies is in progress; the results of these discussions including final design plans will be provided to the FERC as supplemental information.

8.2.1.3 Extra Work Areas

In addition to the typical construction right-of-way, additional temporary workspace ("ATWS") will be required to facilitate construction at road, railroad, utility, wetland, and waterbody crossings as well as for areas requiring specialized construction techniques such as, horizontal directional drills ("HDD"). A list of ATWS areas proposed for the FSC Project is presented in Table 8.2-4. FSC has also identified areas where ATWS has been proposed within 50 feet of a wetland or waterbody and is requesting a deviation from Section VI.B.1.a of the FSC Procedures. The deviation requests are included in Resource Report 2 – Water Use and Quality. Proposed ATWS areas within 50 feet of a wetland or waterbody are identified in Table 8.2-4. ATWS areas are also depicted on the FSC Project alignment sheets in Appendix 1A.

8.2.1.4 Access Roads

Existing public and private road crossings along the proposed pipeline route will be used, to the extent practicable, as the primary means of accessing the FSC Project right-of-way. FSC will also use existing public and private roads to the extent practicable to access the proposed aboveground facilities. Temporary Access Roads will be restored to their preconstruction

condition. FSC may continue to use certain access roads for the life of the pipeline to access permanent facilities such as mainline valves (“MLVs”), meters, or pig launcher/receiver facilities or to access the pipeline right-of-way at other locations where access along the pipeline right-of-way is not practicable after temporary bridges are removed, fencing replaced, or terrain conditions inhibit access (e.g., wetlands, marshes, water bodies, etc.). These other locations are to allow access to cathodic protection test stations or perform right-of-way maintenance, such as keeping the right-of-way way clear of deeply rooted vegetation, and other requirements. Generally, access roads will be up to 15-feet-wide to accommodate vegetation clearing setbacks, pull offs, and road shoulder/stormwater management features. Access roads identified to date and designated for potential temporary and/or permanent use during construction and operation of the FSC Project are listed in Table 8.2-5 according to milepost (“MP”) where the access road intersects the construction and operational right-of-way. The access road locations are depicted both on the FSC Project alignment sheets (where they occur within the limit of the aerial photography) and on the USGS topographic map excerpts (see Appendix 1A).

The majority of the existing access roads proposed for use will require minor improvements (tree trimming, addition of aggregate rock, backblading, etc.) to allow for passage of construction vehicles. The existing access roads are generally built on fill materials and have previously been developed for other land uses. New temporary access roads may require temporary modification of existing land use for access road use during construction and operation. Construction and operation impacts associated with proposed access roads are included in Table 8.2-5.

8.2.1.5 Contractor Yards and Staging/Storage Areas

FSC has identified four contractor yards, one staging area, and two storage areas for use during construction. These proposed contractor yards and staging/storage areas are included in Table 8.2-6. The contractor yards will be used for equipment, pipe, and material storage, as well as temporary field offices and pipe preparation/field assembly areas. The yards and staging/storage areas are primarily sited within upland open land, upland forest, and commercial/industrial land. Temporary impacts on forest/woodland include clearing; these areas will be restored and allowed to revegetate post-construction. Upon completion of the proposed FSC Project, all yards and staging/storage areas will be restored and allowed to revert to prior land uses.

8.2.2 Aboveground and Pipeline Appurtenant Facilities

The existing land use within 0.25-mile of the proposed Martin Meter Station and predominant land use at the station site is included in Table 8.2-7. New land requirements include land to be acquired through easement by FSC and equates to the area permanently affected for facility operation. The 0.92 acre site proposed for construction and operation of the meter station currently consists of industrial / commercial land; therefore, no change in land use is anticipated (see Table 8.2-8). The meter station will be located within and/or directly adjacent to the proposed permanent right-of-way and will require ATWS areas to facilitate construction. A meter station plot plan is included in Resource Report 1 (see Appendix 1A). Permanent access to the proposed Martin Meter Station will be from existing access associated with the FPL Martin Clean Energy Center. Land use impacts associated with access roads are provided in Table 8.2-5.

A pig launcher will be located at the origination of the pipeline (MP 0.0), where it will interconnect with the Sabal Trail Project. The pig launcher will require approximately 0.18 acres and is located within the boundary of the Sabal Trail Reunion Compressor Station site. Land

use affected for the launcher facility is included in the land use affected for the Reunion Compressor Station in the Sabal Trail draft ER (Docket No. PF14-1-000). A pig receiver/launcher facility is proposed at MP 77.1, where the 36-inch diameter FSC pipeline ends and the 30-inch FSC pipeline begins. The receiver/launcher facility will require approximately 0.26 acres of residential land for construction and operation. An abandoned and dilapidated residence is located adjacent to the site for the receiver/launcher. FSC is currently negotiating easement rights on, or purchase of the parcel and, at the land owner's request, has agreed to remove the structure that is located adjacent to the receiver/launcher and within the permanent right-of-way. Operation of the receiver/launcher will require permanent conversion of residential land to commercial / industrial land. A pig receiver will be installed within the proposed Martin Meter Station site. Land use affected by the receiver (MP 126.4) is included in land use affected by the Martin Meter Station (see above).

Each MLV site will encompass a fenced-in area of approximately 30 by 64 feet (approximately 0.04 acre). MLVs #1 through #11 will require 0.48 acres of mainly upland open land (0.39 acres) and agricultural land (0.09 acres). Operation of the MLVs will require permanent conversion of upland open land and agricultural land to industrial/commercial land. Land uses affected for these MLVs are included in Table 8.2-8. The MLV at MP 0.0 is located within the boundary of the Sabal Trail Reunion Compressor Station site. Land use affected for the MLV at MP 0.0 is included in the land use affected for the Reunion Compressor Station in the Sabal Trail draft ER Docket No. PF14-1-000). The MLV at MP 126.4 is located within the Martin Meter Station site and is included in the land use affected for the Martin Meter Station (see above). Land use impacts associated with access roads for MLVs are included in Table 8.2-5.

8.2.3 Land Use Impact and Mitigation

The primary FSC Project-related impacts on existing land uses will be associated with vegetation clearing during construction and are detailed in Table 1.6-1 of Resource Report 1. To ensure operational safety and allow for routine maintenance of the facilities subsequent to construction, no structures will be allowed within the 50-foot permanent right-of-way. Additionally, with the exception of wetland areas and adjacent waterbodies, trees will not be allowed to grow within the 50-foot permanent right-of-way. Within wetlands and adjacent waterbodies, FSC will maintain vegetation in a 10-foot corridor centered over the pipeline in an herbaceous state, and will reserve the right to selectively cut and remove trees larger than 15 feet in height that are located within 15 feet of the pipeline. Land used for temporary construction workspace (TWS and ATWS) will be restored and allowed to revert to preconstruction land use.

The following sections provide a brief discussion of the impacts associated with the proposed FSC Project and mitigation measures associated with the various land use types to be crossed by the proposed FSC Project. The amount of each land use type affected by the proposed FSC Project was determined through review of aerial photographs, FLUCFCS data, and from observations made during field surveys performed in 2013 and 2014. For land use in locations where survey access has not been granted, FSC utilized current aerial photography and publicly available Florida GIS shapefiles and the National Land Cover Database (Fry et. al., 2011) to document the approximate land use boundaries.

8.2.3.1 Agricultural Land

Tables 8.2-1 and 8.2-2 list the linear distance of agricultural land to be crossed and land acreage to be impacted during construction and operation of the pipeline, respectively. Agricultural land in the FSC Project area is used predominantly for cattle, citrus, commercial sod, ornamental plant production, and horses (UF, 2014). Pine plantations are also present in

the region. Construction techniques within agricultural lands are described in Resource Report 1 – General Project Description.

FSC contacted the Florida Department of Agriculture and Consumer Services (“FDACS”), the United States Department of Agriculture (“USDA”), Natural Resources Conservation Service (“NRCS”), and Farm Service Agency (“FSA”) for information on agricultural resources, easements, and restoration measures applicable to the FSC Project area (see Appendix 1C). No information has been provided by the FDACS to date. Consultation with the USDA, NRCS, and FSA is discussed in Section 8.4.2.1, below. FSC will continue to consult with applicable agencies regarding agricultural resources during construction and restoration of the FSC Project area.

In general, with the exception of citrus groves discussed in Resource Report 1, impacts resulting from construction through agricultural lands will be limited to the growing season during which construction occurs. FSC will maintain landowner access to fields, storage areas, structures, and other agricultural facilities during construction and will maintain irrigation and drainage systems that cross the right-of-way to the extent practicable. FSC will protect active pasture land during construction through the installation of temporary fencing, the use of alternative locations for livestock to cross the construction corridor, and/or alternate feeding arrangements, as negotiated with the landowner.

Following construction, all impacted agricultural land will be restored to pre-construction conditions to the extent practicable in accordance with FSC’s Plan (see Appendix 1F), and any specific requirements identified by landowners or state or federal agencies with regulatory jurisdiction over or interest in agricultural land. All cropland used for the temporary construction right-of-way and ATWS would revert to prior use, with the exception of tree crops. All other forms of agriculture would be permitted within the permanent right-of-way, in accordance with applicable easement agreements. Landowners will be compensated for crop losses and other damages caused by construction activities. FSC will negotiate with and reimburse landowners/producers of products for any damages or loss to their product as a result of the construction of the proposed FSC Project. The reimbursement to these landowners/producers will be based on the market prices for the specific products at the time of easement negotiations with each affected landowner. Typically, FSC will compensate landowners for crop loss by paying the landowner 100 percent of the value of the crop. Compensation for replanting the area may also be considered on a case by case basis. Where production contracts are in place, FSC will work with the landowner to source production or grazing areas outside of the construction corridor.

Agricultural Drainage and Irrigation Systems

Agricultural drainage or irrigation systems identified along the proposed pipeline alignment during environmental field surveys are presented in Table 8.2-9. Additional information on drainage and irrigation systems, including impact avoidance and mitigation measures should any be encountered during construction, is provided in FSC’s Plan (see Appendix 1F). Surface and subsurface drainage in areas of high water table in Florida is managed for the removal of excessive surface water and groundwater from production areas. Drainage systems include canals, detention/retention areas, open ditches, swales, and pumps to move the drainage water. Canals and ditches are typically long and may surround the perimeter of groves with weirs and pumps as control devices to move the water into ponds or outfall into a natural water body. Aerial photography and USGS topographic maps were reviewed to identify existing drainage control structures; and verified during field reconnaissance.

Additionally, during the course of easement negotiations, FSC will work with landowners to identify and locate areas known to have existing drainage or irrigation systems. If drainage or irrigation systems are damaged by construction of the pipeline, FSC will repair or replace those damaged systems at the owner's request and repair will be initiated as soon as the damage is identified. If necessary, temporary repairs will be put in place to maintain irrigation until permanent repairs are identified and installed in coordination with the landowner. Permanent repairs will be installed as soon as possible and no later than the restoration and revegetation phase of construction. In locations without drainage or irrigation systems, the land will be returned to its original contour to maintain preconstruction hydrology. Should construction result in any new drainage or ponding issues, FSC will work to remedy the problem.

Livestock Watering

No water systems for livestock have been identified that would be affected by construction or operation of the FSC Project. If any water systems for livestock are identified in the future that would be affected by construction, FSC will work with the individual landowner to provide continued access to the existing water system or to provide alternate sources of water for livestock where necessary.

Specialty Crops

Specialty crop areas (i.e., nurseries, vineyards, citrus groves, abandoned groves, dairies, aquaculture, and tree farms) identified through field surveys and discussions with affected landowners are included in Table 8.2-10. Specialty crops crossed by the FSC Project identified to date include primarily citrus groves, with some pine plantation and horse farm areas. FSC has attempted to minimize impacts on specialty crop areas and will continue to work with individual landowners through the easement process to avoid and minimize impacts where present. Construction techniques within citrus groves are described in Resource Report 1 – General Project Description. FSC will work with the landowner of the horse farm identified in Table 8.2-10 to implement measures similar to livestock, above, such as fencing the construction area, providing crossing locations, or providing temporary shelter and/or track for the horses. Horse track area impacted during construction will be restored to post-construction conditions and use of the property for horses will be allowed to continue post-construction. Impacts on the pine plantation identified in Table 8.2-10 will be minimized by implementing measures under *Logging* (Section 8.2.3.3), below.

Certified Organic Farms

FSC performed a file search of the National Organic Program ("NOP"), which oversees USDA-accredited certifying agents and their certification of organic production and handling operations (USDA, 2013). Organic is a labeling term that indicates that the food or other agricultural product has been produced through approved methods, and do not use synthetic fertilizers, sewage sludge, irradiation, or genetic engineering. FSC reviewed the NOP listing of USDA Certified Organic Farms in Florida and did not identify any crossings. The closest certified organic farm is located approximately 200 feet from the proposed temporary workspace. No impacts on this operation are anticipated as a result of the distance from the FSC Project.

Where properties affected by the proposed FSC Project are certified under an accredited program FSC will work with individual affected landowners and the regulatory and/or certifying agencies to ensure continued enrollment of the properties in certification programs during construction and operation of the FSC Project. These issues will be discussed with landowners during the negotiations for any additional rights and damages. Any special conditions will be included in the construction line list, and FSC will have land representatives on-site during

construction to ensure these conditions are met. FSC will ensure that landowners are adequately compensated for any damages that may arise.

8.2.3.2 Open Land

Open land is defined as utility right-of-ways, open fields, vacant land, herbaceous and scrub uplands, non-forested lands, emergent wetland, scrub-shrub wetland, golf courses, and municipal land. Tables 8.2-1 and 8.2-2 list the linear distance of open land to be crossed and acreage to be impacted during construction of the pipeline, respectively. Impacts on open land will be temporary, and disturbed areas will be restored and allowed to revert to preconstruction conditions during permanent operation of the FSC Project.

8.2.3.3 Forest/Woodlands

Tables 8.2-1 and 8.2-2 list the linear distance of forest/woodland to be crossed and acreage to be impacted during construction and operation of the pipeline, respectively. Forested areas affected within the temporary workspace boundary will be restored and allowed to revert to forest after construction. Forested areas within the permanent right-of-way will be maintained in an herbaceous state without trees to facilitate operation of the FSC Project facilities.

Logging

FSC will work with the landowner to maintain access to wooded portions of their property during the construction of the pipeline. In obtaining land rights, FSC will compensate landowners for the value of trees felled. Such compensation is based upon a timber appraisal provided by a local timber expert. At the request of the landowner, trees felled during clearing activities will be placed off of the construction area for the landowner to sell at the time of their choosing. If impacted, existing logging roads will be restored after construction. Post-construction, landowners will be required to contact FSC prior to commencing logging activities across the right-of-way. Coordination with the landowner may include staking of the centerline and implementing measures to protect the pipe from logging equipment during harvesting.

8.2.3.4 Commercial/Industrial Land

Tables 8.2-1 and 8.2-2 list the linear distance of commercial/industrial land to be crossed and acreage to be impacted during construction and operation of the pipeline, respectively. Impact minimization measures used in commercial/industrial areas will include timing of construction to avoid peak use periods, maintaining access to businesses at all times, and expediting construction through these areas. FSC will coordinate directly with affected commercial/industrial landowners on an individual basis to further reduce potential adverse impacts.

The number of public roadways to be crossed by the proposed FSC Project in each county is summarized in Table 8.2-11. These roads range from maintained gravel municipal roads to state highways. Potential temporary impacts associated with roadway crossings include disruption of traffic flows, disturbance of existing underground utilities, and such as water and sewer lines. There are no anticipated permanent effects on existing use of the roadways crossed by the proposed FSC Project.

The majority of public roadways will be crossed by conventional bore. Those roadways not crossed using conventional bore will be crossed by open cut. Regardless of the method used, FSC will incorporate measures to ensure that construction activities will not prevent the passage of emergency vehicles, including the creation of temporary travel lanes during construction or the placement of steel plate bridges to allow continued traffic flow during open trenching. Traffic lanes and residential access will be maintained, except for the temporary periods essential for

pipeline installation. In areas where traffic volumes are high or other circumstances (e.g., congested areas) exist, FSC will employ a police detail to ensure traffic flow and the safety of pedestrians and vehicles. FSC will obtain all necessary permits for work within Florida Department of Transportation (“FDOT”) right-of-ways and access permits, and will coordinate with FDOT to identify road crossings that are programmed for widening within the FDOT Five Year Adopted Work Program. Additionally, FSC will implement its Residential Access and Traffic Mitigation Plan, located in Appendix 8C. Table 8.2-12 identifies roadways crossed by the FSC Project along with the associated crossing method.

The proposed FSC Project will cross three active railroads, two associated with CSX Transportation and one associated with Florida East Coast Railway. The railroads are proposed to be crossed by conventional bore. Use of conventional bore will avoid impacts on the normal operation of the active railroads during construction and operation of the FSC Project. Table 8.2-13 identifies the location of active and abandoned railroads crossed by the proposed FSC Project.

8.2.3.5 Residential Land

Tables 8.2-1 and 8.2-2 list the linear distance of residential land to be crossed and acreage to be impacted during construction and operation of the pipeline, respectively. Section 8.3 provides additional detail relative to existing and planned residences within the FSC Project area, as well as measures to be implemented by FSC to minimize impacts where the workspace is located on land in active residential use. Site-specific Residential Construction Plans for residences located within 50 feet of the proposed workspace are included in Appendix 8A. These plans show the construction area to be disturbed and safety measures that will be implemented, as discussed in Section 8.3.3 below.

One septic system has been identified as crossed by the FSC Project at approximate MP 0.9 (See Appendix 8A, Residential Construction Plans). FSC has initiated landowner consultation in this location and has agreed to install a new septic system for the landowner. FSC will coordinate relocation of the septic system with the landowner prior to construction to minimize impacts on the landowner. The septic system will be removed and replaced in accordance with applicable state and local regulations and permitting requirements.

Landowners are to be notified of planned construction activities a minimum of seven days prior to the scheduled construction. FSC’s planned work schedule will be six days per week (Monday through Saturday) and 10 hours per day. Completion of some critical tasks may require more than the normal 10 hours, such as HDD operations. Traffic in residential areas will be managed as described in Section 8.2.3.4., and speed limits will be strictly controlled for construction equipment and associated vehicles. Water trucks will be used to spray down the construction area if dust control is needed. In addition to the above measures to minimize impacts on residences, FSC has met with some landowners and has made certain modifications to workspaces based on landowner input. FSC will continue to meet with landowners to gather input regarding potential modifications to workspaces.

8.2.3.6 Open Water

Open water includes waterbodies greater than 100 feet in width and streams visible on aerial photography but less than 100 feet in width. Major waterbody crossings and proposed crossing methods are identified in Resource Report 2 - Water Use and Quality. Resource Report 2 and FSC’s Procedures (see Appendix 1G) also provide detailed information on potential waterbody impacts to be associated with construction and operation of the FSC Project, as well as impact minimization measures.

8.2.3.7 Special Land Uses

Special land uses include areas such as land associated with schools, parks, places of worship, cemeteries, sports facilities, campgrounds, golf courses, and ball fields. FSC identified five tracts crossed by the proposed route owned by places of worship (approximate MPs 1.5, 10.9, 85.0 and 118.7) and five tracts crossed by the proposed route associated with the Oakwood Country Club (approximate MP 28.5).

The identified place of worship areas include a church at MP 1.5, a church retreat center at MP 10.9, a church at MP 85.0, and a church and retreat center at MP 118.7. The facilities are used for religious services, ceremonies, and programs. At these locations, FSC will coordinate with the land owner/manager or organization to identify areas of concern and ways to minimize impacts on the property and use by its members during construction. Impacts will be temporary and may include limitations on access and visual/noise disturbance from construction equipment.

The proposed route crosses fairways and interior access roads at the identified golf course. FSC will coordinate with the landowner to minimize impacts during construction and negotiate compensation for any business lost due to closures required for construction, if necessary. Post-construction restoration will be conducted in accordance with the landowner to restore the property to pre-construction conditions. Long-term impacts will be occasional and of short-duration, and related to routine pipeline maintenance.

8.3 RESIDENTIAL AND COMMERCIAL AREAS

8.3.1 Planned Residential and Commercial Areas

Planned development is defined as any development that is included in a master plan or is on file with the local planning board or county. FSC contacted county and municipal planning agencies in the vicinity of the proposed FSC Project in 2014 to request information regarding proposed future development within a 0.50-mile radius of the FSC Project facilities. Correspondence received to date is provided in Appendix 1C.

Table 8.3-1 lists the planned residential and commercial developments identified through consultation with the applicable agencies and by research on federal, state, county, and municipal websites. This research includes reviewing available online data from each county regarding proposed projects classified as a Development of Regional Impact (“DRI”) pursuant to Section 380.06 Florida Statutes and Chapter 28-24 and Rule 9J-2 Florida Administrative Code. DRIs are developments which, because of their character, magnitude, or location, are presumed to have a substantial effect upon the health, safety, or welfare of citizens of more than one county. The variety of projects that can fall under DRI status include large-scale planned developments, airport expansions, office and industrial parks, mining operations, and sports and entertainment facilities. Guidelines and standards for developments required to undergo DRI review are provided in Chapter 380 of the Florida Statutes (FDEP, 2012). FSC has reviewed pending and recently approved DRI projects listed by the Florida Department of Economic Opportunity (2014). Results of this review and agency correspondence conducted to date are described below. Figure 8.3-1 maps locations of planned developments identified to date in relation to the FSC Project. FSC will work with individual affected landowners/applicants to the extent practicable in siting of the pipeline on private property.

8.3.1.1 Pipeline Facilities

Osceola County

The FSC Project does not cross any planned DRIs in Osceola County. The Florida Department of Economic Opportunity (2014) identifies eight pending DRI applications in Osceola County (Maharishi Global Development, Legacy Park, Mystic Dunes, Harmony, Rolling Oaks, Sundance, Bella Tara, and Tranquility), and one approved DRI (Champions Gate). The FSC Project in Osceola County is located in the southern part of the county along State Road (“SR”) 60. Review of the Osceola County DRI Map (2011) documented that all of the proposed DRIs are in the north part of the county, around and north of Lake Tohopekaliga, and not crossed by the FSC Project.

FSC contacted the Osceola County Planning Department regarding proposed future developments within a 0.50-mile radius of the FSC Project facilities. Correspondence from Osceola County identified one proposed industrial site on the east side of SR 441 at the junction of SR 60 (Keck 2014). No impact is anticipated on this planned development. FSC proposes to use this site as a staging area; however, use of the area will be temporary and FSC will coordinate with the landowner to ensure no conflicts with the planned development occur.

Polk County

The FSC Project does not cross any DRIs in Polk County. The Developments of Regional Impact Map for Polk County (Polk County Planning and Development, 2008) lists 22 DRIs, none of which are crossed by the FSC Project. One DRI, Oak Hills Estates (Providence), abuts the proposed alignment to the east and received approval for an amendment in 2014. No DRIs are currently on the list of Land Use cases on the Polk County website (Polk County, 2014).

The FDOT identified two upcoming roadway projects in the FSC Project area, the Central Polk Parkway and SR 60 widening (FERC, 2014). Review of online mapping of the proposed Central Polk Parkway work identified that the FSC Project does not cross the Parkway (FDOT, 2014). The FSC Project extends parallel to the Parkway to the east, and is located approximately 1,500 feet east of the Parkway at its closest point. Since the proposed route does not cross the proposed Parkway, FSC does not anticipate any impacts on the Parkway project. FSC will contact FDOT prior to any construction in the area to confirm no impact is anticipated or to coordinate with FDOT if necessary.

The proposed route is collocated with SR 60 from approximate MP 30.5 to 44.0 and MP 50.3 to 72.8 and would cross SR 60 at MP 31.8, 34.3, and 53.8 via conventional bore. On June 3, 2014, FSC staff met with several members of FDOT District 1 staff to discuss the FSC Project. The potential State Road 60 expansion from two lanes to four lanes was discussed, specifically from FSC MP 50.2 to MP 53.0. District 1 Staff acknowledged the SR 60 Project Development and Environment (“PD&E”) study has not yet been initiated and likely will not be developed for a few more years (possibly by the time the pipeline is proposed to be in operation by May 2017). District 1 staff also recognized that the PD&E study would have to take into account the presence of the FSC pipeline outside of FDOT right-of-way and would have to plan accordingly and possibly route on the opposite side of SR 60. FSC will continue to coordinate with FDOT regarding the SR 60 Widening project through construction and operation of the FSC Project.

FSC contacted the Polk County Planning Department regarding proposed future development within a 0.50-mile radius of the FSC Project facilities. The Polk County Planning Department provided a list of developments within 0.5-mile of the FSC Project (D’Orval, 2014). FSC also contacted the Town of Dundee, the City of Haines City, the City of Davenport, and the City of

Lake Wales regarding proposed future development within a 0.50-mile radius of the FSC Project facilities.

Correspondence from the Town of Dundee indicated that the majority of the area for the pipeline does not have any proposed development at this time. It was noted that the property at the south end of the Town by Canal Road has a future land use of Multi-Use Village Center (“MUVC”) (Barmby, 2014a). Further correspondence identified a Master Concept Plan on file with the Town for the Estes Groves development within the MUVC area. This MUVC area allows for Low Density Residential development and some Non-residential development. Additionally, an adjacent property was identified within the MUVC where the landowner intends to generally mimic the design of Estes Groves and with a Moderate-Density Single Family Residential zoning (Barmby, 2014a and b). A comment letter was filed with FERC by the attorney representing Mr. Kemker on June 4, 2014, requesting a route alternative be analyzed that would route the pipeline adjacent to Lake Mable Loop Road to avoid routing the pipeline through the proposed Estes Groves development. FSC has not adopted this route variation as it would result in further environmental impacts than those along the Preferred Route (Refer to Resource Report 10, Section 10.7.2).

Correspondence from the City of Lake Wales identified one planned residential subdivision crossed by the FSC Project (Oakwood Subdivision). The correspondence indicated that a preliminary plan had been approved some years ago and there had been no recent activity on the project (Swanson 2014). Correspondence from the Town of Davenport stated that there are no new or proposed developments in the Davenport City limits within 0.5-miles of the pipeline route (Rodriquez, 2014).

Correspondence from the City of Haines City identified one planned development within 0.5-mile of the Project for which the City granted zoning approval in 2009. The Lake Marion Development was re-zoned from Agricultural/Rural Residential to Mixed Use and Residential Planned Unit Development; however, there are no other developments or approvals at the site. Ownership of the parcel was transferred to the lender and the property is currently controlled by two ownership groups (Bennett, 2014). No impact on this development is anticipated due to the ownership status of the property.

Okeechobee County

Review of the Central Florida Planning Region DRI Map (Central Florida Regional Planning Council, 2013) did not identify any pending DRIs crossed by the FSC Project in Okeechobee County. FSC contacted the Okeechobee County Planning Department regarding proposed future development within a 0.50-mile radius of the FSC Project facilities. Correspondence from Okeechobee County stated that no projects that have been approved, are under review, or for which a development application has been received are located within 0.50-mile of the proposed route as provided (Royce, 2014).

St. Lucie County

The FSC Project does not cross any DRIs in St. Lucie County. The Treasure Coast Regional Planning Council (2007, 2009, 2014) lists seven approved DRIs in its *Summary of Recent DRIs in the Treasure Coast Region* (TCRPC, 2009). Six are located east of the Project in St. Lucie County (along the Interstate 95 corridor) and one is located east of the Project in Martin County (Indiantown), and all date back to 2002 or 2005. One non-residential development approved in 2013 is located approximately 10 miles east of the Project (The Reserve).

FSC contacted the St. Lucie County Planning Department in April and July 2014 regarding proposed future development within a 0.50-mile radius of the FSC Project facilities. No

response from St. Lucie County has been received to date. FSC will continue to reach out to St. Lucie County to identify proposed future developments and any correspondence from St. Lucie County received after submittal of this final ER will be provided to FERC.

Martin County

The FSC Project does not cross any DRIs in Martin County. The Treasure Coast Regional Planning Council (2007, 2009, 2014) does not list any recently approved or pending DRIs in Martin County.

FSC contacted the Martin County Planning Department regarding proposed future development within a 0.50-mile radius of the FSC Project facilities. Martin County has indicated they will be providing a response. FSC will continue to work with Martin County to identify proposed future developments and any correspondence from Martin County received after submittal of this final ER will be provided to FERC.

8.3.1.2 Aboveground and Pipeline Appurtenant Facilities

The proposed aboveground and pipeline appurtenant facilities are all located along the proposed pipeline route. Identified planned developments located near aboveground facilities include the Lake Marion Development (near MLV #2) and the SR 60 widening project (near MLVs # 5 and #7). MLV #2 is located at the edge of the Lake Marion development boundary along Route 544/Lake Marion Road. No impact on the development from MLV #2 is anticipated based on the size of the MLV facility and its location adjacent to the roadway at the development boundary. MLV #5 and #7 are approximately 88 and 55 feet, respectively, from the existing paved edge of SR 60. As described above under Polk County, FSC has met with FDOT regarding the widening project and will continue to coordinate with FDOT regarding the widening project through construction and operation of the FSC Project. The pipeline alignment along SR 60 was sited outside of the existing FDOT right-of-way. Based on meetings with FDOT District 1 and FDOT District 5, no widening is currently planned at or near MLV #5 or #7; therefore, no impact is anticipated from the MLV facilities.

8.3.2 Existing Residences and Buildings

8.3.2.1 Pipeline Facilities

Tables 8.3-2a and 8.3-2b identify by MP each residence and other structures, respectively, that will be within 50 feet of the construction right-of-way, as well as the associated mitigation measures. FSC has evaluated the potential for modifying the proposed route and workspaces so that each residence would be a minimum of 50 feet from the construction right-of-way; however, there are locations where the project construction ROW cannot avoid coming within 50 feet of a residence. In these cases FSC has provided mitigation (see Table 8.3-2a). Table 8.3-2c identifies structures proposed to be removed for the FSC Project, justification, and status of easement negotiations for these parcels.

8.3.2.2 Aboveground and Pipeline Appurtenant Facilities

There are no existing residences within 50 feet of the proposed meter station or pig launcher (MP 0.0) or receiver (MP 126.4) facilities. The launcher/receiver at MP 77.1 is located on the same property as the proposed pipe storage yard at MP 77.2. The property includes several structures including an abandoned and dilapidated residence within 20 feet of the launcher/receiver facility. FSC has agreed to remove the residence from the permanent right-of-way and is currently discussing easement or purchase of the tract with the landowner. Upon request of the landowner, FSC plans to remove these structures from the property. The

structures and any debris will be removed and disposed of in accordance with FSCs Waste Management Plan (see Appendix 8B) and all applicable state and local regulations.

8.3.3 Residential Areas and Commercial Areas Impact and Mitigation

The majority of the FSC Project alignment primarily crosses through undeveloped and agricultural properties. FSC has been and will continue to be in regular communication with individual town and county agencies regarding FSC Project progress. Impacts during construction on existing residences and buildings adjacent to the FSC Project area include noise and dust from construction equipment and temporary visual impacts from removal of vegetation and excavation of soils. Disturbance post-construction will be minimal, and related to maintenance activities including periodic mowing and inspection. In the residential areas noted in Table 8.3-1, FSC will employ the following practices:

- Access to homes will be maintained except for the brief periods essential for laying the new pipeline. In the vicinity of streets and homes, temporary safety fences will be erected to limit access to the construction area. This fence will extend at least 100 feet on either side of the home along the right-of-way;
- Techniques such as stovepipe and drag section construction will be used to minimize the impacts of construction in residential areas on a site-specific basis (See Note below describing these special construction techniques);
- Homeowners will be notified in advance of any scheduled disruption of household utilities, and the duration of the interruption will be kept as brief as possible;
- Representatives of the local utility companies will be invited to be on-site during construction when necessary. FSC will strive to accommodate any special concerns regarding private landscaping, and other potential conflicts with the construction and operation of the pipeline;
- FSC's contractor will minimize the time the trench is left open;
- FSC's contractor will control dust, if necessary, during construction by applying water to the rights-of-way as necessary; and
- After backfilling, residential areas will be cleaned up, all areas restored to "as before or better" condition and all construction debris will be removed from the area.

In locations where a minimum of 50 feet cannot be maintained between the residence and the construction work area, a site-specific plan will be submitted (see Appendix 8A) and will show the residence in relation to:

- The new pipeline;
- The edge of the construction work area;
- The edge of the new permanent right-of-way; and
- Other nearby residences, structures, roads, wetlands, or waterbodies.

If necessary to minimize impacts, while constructing in residential areas FSC will use specialized stove-pipe or drag-section construction techniques. The stove-pipe construction method typically is used when the pipeline is to be installed in very close proximity to an existing structure and an open trench would have an adverse impact. The technique involves installing one joint of pipe at a time, in which the welding, weld inspection, and coating activities are all performed in the open trench, thereby reducing the width of the construction right-of-way. The

drag-section construction method is another method that reduces the width of the construction right-of-way and is normally preferred over the stove-pipe method. This technique involves trenching, installation of a prefabricated length of pipe containing several segments, and backfilling, all in one day. Both stove-pipe and drag-section methods result in the trench being backfilled and/or covered with steel plates or equipment mats or protected by fencing, as necessary, to ensure safety at the end of each day though the length of excavation performed each day typically will not exceed the amount of pipe installed.

FSC has engineered the proposed alignment to minimize the removal of existing dwellings, barns, or structures for construction of the FSC Project. Where the removal of a structure is required, FSC will compensate the landowner for any relocation or removal. FSC will pay reasonable and customary damages that may arise from the construction of its proposed FSC Project. FSC will continue to consult with applicable FSC Project area planning agencies to identify planned developments potentially impacted by the FSC Project and will work with the applicable planning agency, landowner, and/or developer to minimize impacts on planned developments.

If any dwellings are purchased by FSC as part of this Project, the valuation will be determined by the market value of the property, as determined by independent sources, such as county deed and tax records, local appraisers, real estate brokers, and other real estate professionals, considering such factors as existing condition and comparable dwelling sales in the area. Easement valuation will be determined by the market value of land in the area, also determined by independent sources, considering such factors as length, width, existing use, and comparable land sales in the area. Impacts on the remaining property also may be considered. FSC will pay fair market value for any rights it seeks in connection with this Project. FSC is not aware of any quantifiable reduction in overall land values attributable to the existence of natural gas pipeline facilities (Fruits, 2008; Allen, Williford, and Seale Inc., 2001).

8.4 PUBLIC LAND, RECREATION AND OTHER DESIGNATED AREAS

Parks and recreational areas in the vicinity of the proposed FSC Project are depicted in Figure 8.4-1. Table 8.4-1 lists recreational lands located in the vicinity of the proposed FSC Project. A discussion of each federal and state land is provided below. USGS topographic maps, aerial photographs, internet searches, personal interviews with federal, state and local agencies, and field reconnaissance were used to identify parks, recreation areas, scenic areas, and other specially-designated areas at the federal, state and local level in the vicinity of the proposed FSC Project facilities. Table 8.4-2 includes a summary of land ownership crossed by the FSC Project (private land, state forest land, water management district lands, etc.) by MP, and the construction and operation impacts on each area.

8.4.1 Public Conservation Land

8.4.1.1 Pipeline Facilities

Federal Land

The National Park Service (“NPS”) was provided FSC Project shapefiles to assist in identifying any lands administered by NPS in the FSC Project area. Correspondence from the NPS identified crossings of the Florida National Scenic Trail (“FNST”) and requested detailed drawings of how the FSC Project would cross and impact the FNST during construction and operation. NPS requested information on the location of any proposed compressor stations in relation to the FNST. No compressor stations are proposed as part of the FSC Project. Additionally, NPS recommended review of its online “find your park” tool and listings of National Register of Historic Places, Land and Water Conservation Fund (“LWCF”) grant sites, and

protected NPS affiliated sites (FERC, 2014). Several websites were reviewed to identify the specific resources of interest to the NPS. Review of the websites documented that no National Parks, National Natural Landmarks, National Park Service Wilderness Areas, Urban Parks and Recreation Recovery Areas, National Wild and Scenic Rivers, National Historical Landmarks, or National Heritage Areas are located within 0.25 mile of the proposed pipeline facilities (BLM, 2014; FGDL, 2014; NPS, 2006, 2007, 2009, 2012, 2014a, 2014b, 2014d; University of Montana, 2014). Additionally, FSC reviewed the NPS listing of LWCF properties. The nearest LWCF area (Bronson Recreation Park) is a little more than seven miles from the start of the proposed route (MP 0.0) and most LWCF lands are more than 20 miles from any proposed FSC facility (NPS, 2014c).

On-line research also did not identify any National Forests administrated by the United States Department of Agriculture Forest Service (“USFS”) (USFS, 2010) or United States Fish and Wildlife Service (“USFWS”) conservation easements (National Conservation Easement Database, 2014) crossed by the FSC Project. Federal lands that were identified in the vicinity of the FSC Project are described below.

The Florida Trail (Florida National Scenic Trail)

The FNST is a federally-designated, 1,000-mile trail that crosses through Florida from the panhandle to the Big Cypress National Preserve in south Florida (FGTS, 2013). The FNST is intended to offer a continuous, permanent non-motorized recreation opportunity for hiking and other compatible activities. The USFS is the administrator of the FNST, and manages the trail in partnership with federal and state land managing agencies, private landowners, and volunteer organizations such as the Florida Trail Association. It is the responsibility of the managing authority to monitor FNST lands to make sure they are not threatened, and to take steps to ensure that the trail resource is protected (USFS, 1986).

The FSC Project crosses two unofficial connectors associated with the FNST in Polk (MP 0.7) and Osceola Counties (MP 53.8). In both locations, public roadways (Old Kissimmee Road and SR 60, respectively) serve as a road walk to connect certified sections of the FNST outside of the FSC Project workspace. No impact on the FNST is anticipated in these locations as the conventional bore crossing method will be utilized at the road crossings. Impacts on hikers may include temporary construction noise associated with the conventional bore activities. The nearest official segment of the FNST to the FSC Project at the Polk County location is 9.0 miles to the west and the nearest official segment of the FNST to the FSC Project at the Osceola County location is 1.9 miles to the north (USFS, 2014). The crossings of the FNST unofficial connectors (Old Kissimmee Road and SR 60) are depicted on Figure 8.4-1. FSC has contacted the NPS regarding both locations and is currently reviewing the crossings (Faehner, 2014). Correspondence received to date is included in Resource Report 1, Appendix 1C and any additional correspondence received after the filing of this Final ER will be provided to FERC upon receipt.

Lake Wales Ridge National Wildlife Refuge

Lake Wales Ridge National Wildlife Refuge (“NWR”) in Polk County is not crossed by the FSC Project; however, the Refuge is located within 0.25 mile of the FSC Project (See Table 8.4-1). The NWR, which is managed by the USFWS, is approximately 1,860 acres. It was established in 1993 as the first NWR designated primarily for the recovery of threatened and endangered plants. It contains the sand hills of central Florida, which possesses a unique collection of plants and animals. The NWR is not open to the public to preserve the sensitive species; however, biological research is conducted on the parcel (USFWS, 2013).

Florida State Land

State lands in Florida are owned by the Board of Trustees of the Internal Improvement Trust Fund or by Florida state agencies including the Florida Department of Environmental Protection (“FDEP”), Florida Department of Agriculture and Consumer Services, Florida Forest Service (“FFS”), Florida Fish and Wildlife Conservation Commission (“FWC”), and state water management districts (“WMDs”). These agencies are also responsible for the acquisition or management of conservation easements and areas under a variety of conservation programs, which provide for the preservation of public and private lands in Florida. FSC reviewed online databases from the Florida Geographic Data Library (FGDL, 2014) and applicable agency websites to identify state lands in the vicinity of the FSC Project. State-owned or managed lands crossed by or within 0.25 mile of the FSC Project include State Forests, Wildlife Management Areas, conservation easements, greenways, sovereign submerged lands, and trails.

Land use management and planning for Florida state-owned lands are addressed in the Conceptual State Lands Management Plan (Florida Board of Trustees of the Internal Improvement Trust Fund, 1983), which is a comprehensive set of policies meant to provide basic policy guidance that includes administrative rules, supplemental legislation, parcel-specific management procedures, evaluations, and recommendations. The State Lands Management Plan provides for the issuance of easements on state-owned lands, including procedures for determining the appropriate fee schedule, if any, for the use of state lands. Easements subject to fees are categorized according to the degree and type of impact the easements will have on current, future, and/or traditional management activities or uses.

Florida Forever is a state conservation and recreation lands acquisition program that is intended to conserve the state’s natural and cultural heritage (FDEP, 2014). The program is a non-regulatory approach for the acquisition and preservation of conservation easements, designated ecosystems, greenways, working agricultural lands, and other lands that provide natural and cultural value. The management of lands acquired by Florida Forever is assigned to appropriate state land management agencies that may include the FFS or the FWC. Conservation easements are also acquired and managed through the state’s WMDs.

Upper Lakes Basin Watershed

The FSC Project crosses the Upper Lakes Basin Watershed tract in Polk County (see Table 8.4-1). Areas crossed by the proposed route include the Huckleberry Island/Snell Creek Assessment Unit (consisting of 4,670 acres) and the Lake Marion Creek Assessment Unit (2,999 acres) for Lake Marion and Reedy Creek. This area is being managed and maintained in its natural state and condition and has been established as part of the Lake Marion Creek Wildlife Management Area by FWC through a cooperative agreement with the South Florida Water Management District (“SFWMD”). The SFWMD is the principal resource manager on the properties and the FWC manages the public hunting program and handles wildlife issues. The Huckleberry Island/Snell Creek site primarily consists of the low broad floodplain swamp of Snell Creek, the main tributary of Lake Marion Creek. The site provides significant flood attenuation and water quality benefits. The site contains scrub and scrubby flatwoods within the southwestern portion of the site, which contains rare and endemic native plants. The FSC Project is collocated with a power easement on the west side of the property, Hunting, primitive camping, bicycling, and hiking are popular activities on the site. There are three public access points north of Cypress Parkway, and one on the south side of Horseshoe Creek Road (SFWMD, 2013a). An unpaved hiking trail on this parcel is not crossed by the pipeline, but is proposed for use as access road AR 1209 (UF, 2012). An existing dirt roadway located within

the watershed parcel and paralleling the pipeline along the west parcel boundary is also proposed for use as access road AR 11454 (see Table 8.4-1).

The Lake Marion site primarily consists of the floodplain swamp of Lake Marion Creek, the littoral swamp on the north shore of Lake Marion, and a high scrub ridge. The floodplain swamp provides water quality improvements and helps to minimize potential flood damage. The scrub ridge is known to contain many rare and endemic native plants including populations of the broad-leaved grass (*Pharus lappulaceus*), which are known in only several locations throughout the state. The parcel is also a wildlife corridor that links the Kissimmee Chain of Lakes and the Reedy Creek swamp. Recreation activities within the Upper Lake Marion Creek area include hiking, hunting, boating, canoeing and kayaking (SFWMD, 2013a).

Upper Lake Marion Creek Watershed

The FSC Project crosses the Upper Lake Marion Creek Watershed tract in Polk County (see Table 8.4-1). The relatively undisturbed creek system of the Upper Lake Marion Creek Watershed flows north out of Lake Marion, joins Snell Creek and ultimately flows southeast to Lake Hatchineha. The entire Lake Marion Creek basin extends over 18,300 acres and includes portions of both the SFWMD and the Southwest Florida Water Management District ("SWFWMD"). The SWFWMD has entered into an agreement with the SFWMD to assist in the management of SWFWMD-owned lands, due to the property's proximity to other SFWMD-managed lands (see Upper Lakes Basin Watershed, below) (SWFWMD, 2011). The proposed route crosses an unpaved hiking trail within this tract, which is proposed for use as temporary access road AR 1437 (UF, 2012).

Lake Wales Ridge State Forest

The FSC Project crosses the Lake Wales Ridge State Forest in Polk County (see Table 8.4-1). This state forest is comprised of four tracts totaling approximately 26,580 acres and is managed by the FFS. Portions of the forest have been purchased with Florida's Conservation and Recreation Lands Program funds. The Lake Wales Ridge State Forest contains a scrub ecosystem that may have the highest concentration of rare and endangered plants known in the U.S. The state forest utilizes a multiple use management system which allows for the management of forest resources, the protection of endangered and threatened species and maintenance of natural communities, and recreational activities, including camping, fishing, canoeing, and regulated hunting. It also contains the FFS's Trailwalker Hiking Program (FFS, 2013). Additionally, four existing grass-covered grassed roads are proposed for use as temporary access roads within this parcel (access roads AR 1237, 1238, 1239, and 1241).

Kissimmee Chain of Lakes ("KCOL")

The FSC Project crosses the Kissimmee Chain of Lakes ("KCOL") in Polk County (see Table 8.4-1). The SFWMD began purchasing lands within the KCOL beginning in 1990 through the Save Our Rivers program when scientists and engineers from the SFWMD and USACE working on the Kissimmee River Restoration Project determined that not enough water would be available in the Upper Chain of Lakes to provide year round base flow for the restored river. It was estimated that an additional 100,000 acre-feet of water storage was required to provide longer durations and seasonal variability of flow to restored river in the lower basin. The recommended solution was to raise the top of the existing lake regulation schedule from 52.5 feet to 54.0 feet. It was necessary to acquire real estate interests on land around lakes Kissimmee, Cypress, Tiger, and Hatchineha in eastern Polk and southwestern Osceola counties. Most of the acquired lowlands had been used for many years as improved cattle pasture, but the SFWMD has been gradually restoring these areas to marsh and wet prairie.

These natural grasslands are well suited to accommodating cattle, wildlife, and the recreating public. Consequently, the SFWMD has been able to maintain much of the area in agricultural production, while simultaneously improving thousands of acres of lakeshore habitat, and vastly increasing the area available for public recreation. Within the KCOL, the proposed route crosses the Oasis Marsh property. The area is approximately 205 acres and consists of degraded improved pasture. The area lies along SR 60 but there is no direct access to the road due to a drainage ditch that runs along the south edge of the property (SFWMD, 2013b).

Allapattah Flats (Williamson Ranch Parcel)

The FSC Project crosses the Allapattah Flats Williamson Ranch Parcel in Martin County (see Table 8.4-1). This parcel is managed by the SFWMD. In addition, this parcel is subject to a permanent Wetland Reserve Program (“WRP”) easement (see Section 8.4.2, below). The parcel is proposed to be crossed utilizing the HDD method and HDD entry and exit points are located outside of the parcel.

Sovereign Submerged Lands

As defined in Rule 18-21.003, FAC, sovereignty submerged lands include tidal lands, islands, sand bars, shallow banks, and lands waterward of the ordinary or mean high water line, beneath navigable fresh water or beneath tidally-influenced waters, to which the State of Florida acquired title on March 3, 1845, by virtue of statehood, and which have not been conveyed or alienated. The FSC Project crosses two areas that have been determined to be sovereign submerged lands, Weohyakapka Creek and Lake Kissimmee. In FSC’s Environmental Resource Permit application FSC requested easements for these crossings which are currently under review by the FDEP.

County and Municipal

North Walk-in-Water Creek

The FSC Project crosses the North Walk-in-Water Creek site in Polk County (see table 8.4-1). The parcel, which is managed by the Polk County Parks and Natural Resources – Environmental Lands Program, is an approximately 1,100-acre wetland reserve. The area is used for a variety of recreational activities, such as hiking, wildlife observation, fishing and canoeing, and includes a short, scenic hiking trail. Prescribed burns are periodically conducted on the parcel (Polk County Environmental Lands Program, 2014).

Private Conservation Land

Reedy Creek Mitigation Bank

The proposed route is located within 0.25-mile of the Reedy Creek Mitigation Bank, a privately-owned conservation easement held by the SFWMD. The property functions as a mitigation bank and is monitored by the SFWMD (FNAI, 2014). The proposed pipeline route parallels the mitigation bank parcel, and a portion of Access Road 11454, an existing dirt roadway, is located within the mitigation bank parcel.

Tiger Lake Ranch Conservation Easement

The FSC Project crosses the Tiger Lake Ranch Conservation Easement in Polk County (see Table 8.4-1). The Tiger Lake Ranch is a privately owned property approximately 1,760 acres in size located between Tiger Lake and SR 60 on both sides of Sam Keen Road in Polk County. The easement was negotiated through the Rural and Family Lands Protection Program administered by the FDA and the easement is held by the FFS (National Conservation Easement Database as #924726). Under the agreement, development, mining, cypress logging

and the location of commercial water wells will be prohibited. The cattle operation on the property will be allowed to continue and the landowner will be able to use the property for ecotourism activities (Palmer, 2010).

Private Recreation Areas

The Oakwood Golf Club was identified as crossed by the Project near approximate MP 28.5. A discussion of impacts on this property is included in Section 8.2.3.7, above.

8.4.1.2 Aboveground and Pipeline Appurtenant Facilities

The proposed meter station, pig launcher and pig receiver facilities, and MLVs will not be located within any federal, state, or municipal lands, National Historical Landmarks or National Heritage Areas (BLM, 2014; FGDL, 2014; NPS, 2006, 2007, 2009, 2012, 2014a, 2014b, 2014d; NCED, 2014; University of Montana, 2014; USFS, 2010).

8.4.2 Natural, Recreational, or Scenic Areas

8.4.2.1 Natural Resource Conservation Service and Farm Service Agency Programs

Some agricultural landowners in the FSC Project area are enrolled in USDA programs managed through the NRCS and the FSA. The NRCS negotiates easements with landowners for a variety of land and habitat conservation priorities. The Agricultural Act of 2014 establishes the Agricultural Conservation Easement Program (“ACEP”). It repeals the Farm and Ranchland Protection Program (“FRPP”), the Grassland Reserve Program (“GRP”), and the WRP but does not affect the validity or terms of any FRPP, GRP, or WRP contract, agreement or easement entered into prior to the date of enactment on February 7, 2014 or any associated payments required to be made in connection with an existing FRPP, GRP, or WRP contract, agreement or easement. NRCS offers easement programs to landowners who want to maintain or enhance their land in a way beneficial to agriculture and/or the environment. All NRCS easement programs are voluntary and NRCS provides technical help and financial assistance to participating landowners (NRCS, 2014a).

The ACEP provides financial and technical assistance to help conserve agricultural lands and wetlands and their related benefits. Under the Agricultural Land Easements component, NRCS helps Indian tribes, state and local governments and non-governmental organizations protect working agricultural lands and limit non-agricultural uses of the land. Under the Wetlands Reserve Easements component, NRCS helps to restore, protect and enhance enrolled wetlands. The Healthy Forests Reserve Program helps landowners restore, enhance and protect forestland resources on private lands through easements and financial assistance. Through HRF, landowners promote the recovery of endangered or threatened species, improve plant and animal biodiversity and enhance carbon sequestration (NRCS, 2014a).

The Conservation Reserve Program (“CRP”) is a land conservation program administered by the FSA and is the country’s largest private-land conservation program. In exchange for a yearly rental payment, farmers enrolled in the program agree to remove environmentally sensitive land from agricultural production and plant species that will improve environmental health and quality. Contracts for land enrolled in CRP are 10-15 years in length. The long-term goal of the program is to re-establish valuable land cover to help improve water quality, prevent soil erosion, and reduce loss of wildlife habitat. The Conservation Reserve Enhancement Program (“CREP”) is an offshoot of the CRP. Also administered by the FSA, CREP targets high-priority conservation issues identified by local, state, or tribal governments or non-governmental organizations (FSA, 2014). Consultation with the USDA FSA did not identify any CRP properties crossed by the FSC Project (Roller, 2014).

FSC also contacted the NRCS for information on agricultural resources, easements, and restoration measures applicable to the FSC Project area in 2014. Correspondence from the NRCS provided the NRCS document, “*FL Post-Construction Vegetative Restoration Recommendations for Utility Pipelines*”. The correspondence also indicated additional information regarding NRCS easements would be forthcoming (Moore, 2014). FSC conducted follow-up correspondence with NRCS in June 2014 and no response has been received to date. FSC will continue to work with FSA and NRCS to obtain information applicable to the FSC Project area and any information received after the filing of this final ER will be provided to FERC upon receipt.

Review of the USDA NRCS easement data layer identified an area of WRP easements adjacent to the FSC Project route from approximate MP 119.7 to 124.1 in Martin County (see Table 8.4-3) (NRCS, 2014b). The pipeline route runs parallel to the identified easements and crosses one WRP easement at MP 123.7 (Allapattah Flats Williamson Ranch Parcel). This easement was identified as crossed by the pipeline during initial planning, and the HDD crossing method is proposed to avoid impacts on this WRP parcel. The HDD entry and exit locations are outside of this easement and; therefore, no impacts on this easement are anticipated. FSC met with USDA and SFWMD staff on August 14, 2013 at the Allapattah Ranch SFWMD office to discuss the FSC Project. Additionally, FSC contacted USDA in May and June 2014. In the June 2014 correspondence, FSC identified the WRP easement proposed to be crossed under via HDD. FSC also provided USDA the proposed route centerline for review. USDA confirmed in September correspondence that the pipeline crossing of the property by HDD is not incompatible with the WRP easement and no Subordination Agreement is necessary from USDA for the crossing. An easement request is being reviewed by SFWMD staff for this area.

Florida Scenic Highways

FSC reviewed the Florida Scenic Highways and Byways (FDOT, 2012) GIS shapefile available from the Florida Geographic Data Library (“FGDL”) and did not identify any scenic highways or byways crossed by or within 0.25-mile of the FSC Project. Therefore, no impacts on scenic highways or byways are anticipated from construction or operation of the FSC Project.

8.4.2.2 Hazardous Waste Sites

FSC conducted field and database research to identify, to the extent feasible, properties within one mile of the proposed FSC Project facilities previously impacted with oil and/or hazardous materials. FSC searched the FDEP Oculus site to determine potential contaminated sites within 0.25-mile of the FSC Project. A list of identified sites within 0.25-mile is presented in Table 8.4-4. FSC also searched available GIS data from the FDEP to locate any delineated areas of groundwater contamination that would be crossed by the FSC Project (FDEP, 1990). Information obtained from this database is presented in Resource Report 2 – Water Use and Quality. FSC does not anticipate any potential concerns associated with hazardous materials during construction and operation of the FSC Project facilities. Should any hazardous materials be encountered during pipeline construction, FSC will implement the Unexpected Contamination Encounter procedures (contained within its Waste Management Plan, Appendix 8B) and will dispose of and/or mitigate for the hazardous materials in accordance with its Waste Management Plan and applicable regulations.

8.4.3 Coastal Zone Management Areas

The entire State of Florida is a coastal zone; however, there are two tiers of designated coastal zone. Local governments eligible to receive coastal zone management funds are limited to those that include or are contiguous to water bodies where marine species of vegetation are the

dominant plant community. The FSC Project in Florida is located entirely in the Florida interior, and does not affect local governments contiguous to marine plant dominated water bodies. The FDEP Coastal Zone Management Program provides a consistency review in coordination with partner agencies to ensure that all activities having foreseeable coastal effects are consistent with the policies of the program. Consistency reviews are conducted for all federal license or permitting activities that involve the construction and operation of interstate gas pipelines (FDEP, 2013).

Federal consistency reviews are integrated into other review processes conducted by the State of Florida depending on the type of federal action being proposed. Consistency reviews of federal permits issued under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act are conducted in conjunction with the Environmental Resource Permits issued by the FDEP. The state's consistency decisions are made through the approval or denial of the environmental resource permits. FSC submitted an Environmental Resource Permit ("ERP") application to the FDEP for the FSC Project on March 6, 2014 and will provide the FERC with a consistency determination when the ERP permit review is complete.

8.4.4 Agency and Landowner Consultation

Section 1.10 of Resource Report 1 provides an overview of the agency and public participation process for the proposed FSC Project and identifies dates and locations of open houses and agency meetings. FSC's community outreach program also is described in Section 1.10 of Resource Report 1. A list of agencies contacted for information, consultation, or technical assistance during preparation of this ER and copies of correspondence received to date are provided in Appendix 1C. Any responses received from these agencies subsequent to the filing of this draft ER will be included in the Application expected to be filed with the Secretary in August 2014.

8.4.5 Public Land, Recreation, and Other Designated Areas Impact and Mitigation

The following includes a discussion of impact and mitigation for all areas listed in Table 8.4-1. Additionally, this section addresses impact on and mitigation for recreational hunting in the vicinity of the FSC Project during construction and operation. FSC will implement its Plan in all FSC Project areas to minimize impacts on public, recreation, and other designated areas. FSC will coordinate with the applicable land managing agencies on a site-specific basis regarding restoration and revegetation of the pipeline corridor on these lands to achieve consistency to the greatest extent practicable with any existing or planned restoration efforts and recreation opportunities on the impacted parcels. FSC has initiated discussions with the land managing agencies in the FSC Project area and will continue to coordinate with these agencies through construction and operation of the FSC Project.

8.4.5.1 Public and Recreation Lands

The proposed route crosses the Upper Lake Basin Watershed and associated Upper Lake Marion Creek Watershed tracts. To minimize impacts on these parcels, FSC has located the proposed route at the edges of parcel boundaries, adjacent to existing maintained utility easement and other cleared area to the extent practicable. Easement requests for these areas are being reviewed by SWFWMD staff and are estimated to be completed by November 2014 for the Lake Marion Creek Watershed and February 2015 for the Upper Lakes Basin Watershed. Special conditions in the Upper Lake Marion Creek Watershed currently include the following provisions for FSC to follow:

- Proper removal of brush and timber;

- Take all reasonable precautions to control soil erosion and any other degradation of the property;
- No removal of water from any source without prior written approval from SWFWMD and required permits;
- Removal of all construction debris;
- Proper disposal of any contaminants; and
- Restoration of the area to substantially the same condition as at time of granting the easement.

The proposed route is located within 0.25-mile of the Reedy Creek Mitigation Bank parcel and a portion of AR 11454 is located within the parcel. No clearing or construction for the pipeline installation is proposed on this parcel and there is an existing dirt road for access. FSC will implement its Plan to prevent off-site migration of disturbed soil during construction; therefore, no impact on the Reedy Creek Mitigation Bank is anticipated.

The proposed route is located within 0.25-mile of the Lake Wales Ridge National Wildlife Refuge. The proposed route is also located adjacent to an existing maintained utility easement in this area. No impacts on the Lake Wales Ridge National Wildlife Refuge are anticipated as the FSC Project is collocated with an existing maintained utility right-of-way in this area and no tree removal or ground disturbance is proposed within the Refuge.

A proposed access road associated with the FSC Project is located within 0.25-mile of the Bok Tower Gardens Planted Pines and Bok Tower Gardens Preserve (collectively known as Bok Tower Gardens) (see Table 8.4-1). The area includes approximately 77 acres of slash pine and subtropical garden habitats connected via walking trails, and is a refuge for squirrels and approximately 126 bird species. Bok Tower Gardens is privately owned by Bok Tower Gardens Foundation, Inc. and open to the public. No impact on Bok Tower Gardens is anticipated as the FSC Project does not cross the parcels and the proposed access road is a public roadway (Route 17A/Burns Ave).

The proposed route is located within 0.25-mile of the Collany Wetland Mitigation Bank. The privately held wetland mitigation bank area is located south of SR 60 and the proposed route is located north of SR 60 in this location. No impacts on the Collany Wetland Mitigation Bank are anticipated as tree removal and ground disturbance are not proposed on the mitigation bank parcel.

The proposed route crosses Lake Wales Ridge State Forest. To minimize impacts on this parcel, FSC has located the proposed route at the edge of the parcel boundary. The proposed route has also been sited adjacent to SR 60 along a portion of the State Forest, to utilize the existing, previously disturbed transportation corridor. Other portions of the proposed route have been sited at the parcel edge and within previously cleared land associated with cropland and pasture land to minimize impact on forested area. A temporary construction easement has been issued by State of Florida staff (Trustees of the Internal Improvement Trust Fund) for this area and the easement for the permanent right-of-way is expected to be executed in the coming months. A number of special conditions are included in the easement for this area including the following:

- Provide the Florida Forest Service 60 days' notice on the start date of construction;
- Erect temporary fences as needed to hold cattle in pastures;

- Erect new fence along impacted area on SR 60;
- Erect new fence on property line on south end of impacted boundary;
- Repair or replace damage to cow pens on SR 60 and Kissimmee Shores Road;
- Repair impacted section of Kissimmee Shores Road due to heavy equipment;
- Repair damage to pastures due to heavy equipment; and FSC will be responsible for cattle escaping from pastures due to gates left open or fences damaged during construction.

The proposed route crosses the North Walk-in-Water Creek parcel. To minimize impacts on this parcel, FSC has located the proposed route at the edge of the parcel boundary. The proposed route has also been sited adjacent to SR 60 in this area, to utilize the existing, previously disturbed transportation corridor. An easement has been executed by Polk County for this area.

The proposed route is located within 0.25-mile of the SUMICA parcel owned jointly by the SFWMD and Polk County. The parcel is managed by the Polk County Parks and Natural Resources Division and was acquired under the Save Our Rivers Program to preserve a large and locally significant wetland resource (SFWMD, 2013d). No clearing or construction is proposed on this parcel and FSC will implement its Plan to prevent off-site migration of disturbed soil during construction; therefore, no impact on the SUMICA parcel is anticipated. Additionally, the proposed route is located on the opposite (east) side of SR 60 from the parcel boundary, adjacent to the State highway, to minimize impacts and utilize existing pre-disturbed transportation corridor.

The proposed route crosses the Tiger Lake Ranch Conservation easement. This parcel is privately-owned, with an existing cattle operation. To minimize impacts on this parcel, the proposed route has been located in previously cleared land and FSC will work with the landowner to minimize any impact on the allowed cattle ranch operation.

The FSC Project route crosses the Kissimmee Chain of Lakes (“KCOL”) parcel. To minimize impacts on the KCOL parcel, FSC has located the proposed route at the edge of the parcel boundary, adjacent to SR 60, and within an area of previously degraded improved pasture. The HDD exit for the Lake Kissimmee crossing is located within this parcel. While the HDD will require additional workspace at the exit location, the HDD crossing method is being implemented to minimize impacts on Lake Kissimmee. FSC will continue to discuss crossing of the KCOL parcel and associated HDD with the SFWMD including site-specific restoration, coordination, and notification requirements. An easement request for this area will be submitted to the SFWMD staff in the coming months.

The proposed FSC Project Route does not cross the Kissimmee River parcel; however the parcel is located just south of the Project at the proposed Lake Kissimmee HDD on the south side of State Route 60. Since the filing of FSC’s draft ER, FSC has incorporated the current northerly crossing of Lake Kissimmee into the proposed route to avoid impacts on the Kissimmee River and the associated Kissimmee River Parcel and Kissimmee River Public Use Area. Like the KCOL parcel, the Kissimmee River Parcel is also part of the Save Our Rivers and Kissimmee River Restoration Project. The Kissimmee River parcel includes the KICCO Wildlife Management Area (“KICCO”) on the west side of the river, which gets its name from the Kissimmee Island Cattle Company which used to operate along the river banks in the early 1900s, Blanket Bay Management Unit and the Kissimmee River Public Use Area on the east side. A public boat launch is located off SR 60, south of the proposed pipeline crossing of Lake Kissimmee within the Kissimmee Public Use Area (FWC, 2014). The over-drained marshes in

Blanket Bay and KICCO have significant restoration potential that could support water quality, water supply, flood control, and natural systems restoration. KICCO contains a large area of flatwoods on the south end, many scattered oak hammocks, several cypress sloughs, marshes, wet prairie, and dry prairie. Endangered red-cockaded woodpeckers may be found in the flatwoods. The dry prairie could potentially support the endangered grasshopper sparrow if they become more widely established within Avon Park. Blanket Bay is primarily an over-drained marsh and is currently being used as a pre-restoration control against which the restoration of the river further downstream is being measured. Both KICCO and Blanket Bay are under cattle leases. Management of the area involves prescribed fire, large-scale mechanical vegetation management, exotic species control, and facility maintenance. KICCO has been established as a Florida State Wildlife Management Area and the area is open to hunting at certain times of the year under FWC public use regulations. Boating, fishing, tent camping, picnicking, horseback riding, hunting, wildlife viewing, and hiking are popular activities (SFWMD, 2013c).

FSC has avoided and minimized impacts on these sensitive resources and public uses through incorporation of the Lake Kissimmee HDD crossing north of the Kissimmee River Parcel and SR 60. Incorporation of the Lake Kissimmee HDD crossing also avoided the need for an access road through the Kissimmee River parcel in proximity to designated hiking trails. Impacts on the public boat ramp associated with the Kissimmee River Public Use area are not anticipated. Access to the boat launch is not anticipated to be disrupted and crossing of Lake Kissimmee by HDD will allow boaters continued use of the Kissimmee River during construction. As stated above for the KCOL parcel, FSC will continue to coordinate with SFWMD regarding construction and operation of the FSC Project in the vicinity of this parcel.

The Red Bay Foundation Preserve is located within 0.25-mile of the FSC Project and is owned by the Red Bay Stronghold Foundation. The area was purchased by the Conservation Fund and provides conservation, cultural preservation, education, and ceremonial purposes. The Preserve is noted as ecologically unique for the area (FNAI, 2014). No clearing or construction is proposed on this parcel and FSC will implement its Plan to prevent off-site migration of disturbed soil during construction; therefore, no impact on the Red Bay Foundation Preserve is anticipated. Additionally, the proposed route is located on the opposite (west) side of SR 15/441 from the parcel boundary, adjacent to the State highway, to minimize impacts and utilize existing pre-disturbed transportation corridor. Noise from construction will be temporary, and will likely be buffered by existing vegetation on the Preserve and traffic associated noise from Route 15/441.

The proposed route is located within 0.25-mile of the Bluefield Ranch Preserve and the Bluefield Ranch Mitigation Bank. Bluefield Ranch Preserve is owned and managed by the St. Lucie County Environmental Resources Department and is located along a relic ridge. The parcel contains scrub, scrubby flatwoods, pine flatwoods, depression marsh, and baygall interspersed with remnant pastures. The Bluefield Ranch Mitigation Bank is owned and managed by a private company. The State of Florida, SFWMD, and federal governments hold perpetual easements on the property. As of June 2007, 98 percent of the parcel had been restored (FNAI, 2014). No clearing or construction is proposed on these parcels and FSC will implement its Plan to prevent off-site migration of disturbed soil during construction; therefore, no impact on the Bluefield Ranch and Bluefield Ranch Mitigation Bank parcels is anticipated.

The proposed route crosses the Allapattah Flats (Williamson Ranch parcel) near approximate MP 124.0. This parcel is proposed to be crossed utilizing the HDD method to avoid and minimize impacts. Wetland Reserve Program lands in this area are discussed in Section in

8.4.2.1, above and Section 8.4.5.2, below. An easement request being reviewed by SFWMD staff for this area and completion of easement negotiation is estimated for February 2015.

For the identified recreational trails crossed by the proposed FSC Project or proposed for use as temporary access roads, FSC will coordinate planning and construction with the applicable landowner or management agency/organization to ensure continued recreational use during construction (to the extent practicable) and operation of the pipeline. Impacts on the identified trails from construction of the proposed FSC Project will be temporary, and may include trail closures or re-routes around active construction. Temporary impacts on trail users may also include noise and visual disturbance from construction equipment. Use of the trails during operation of the pipeline would not be impacted. Mitigation measures during construction may include flagging of work zones, signage, trail re-routes, and/or closure notifications.

There is potential for construction to occur during various animal hunting seasons in Florida. FSC will comply and ensure compliance by its employees, contractors, suppliers, vendors and service representatives, visitors, etc., with all applicable Occupational Safety and Health regulations, laws and standards of lawful authorities acting within their power, and, with all of the specifications as outlined in FSC's safety plan as directed by FSC's representative. FSC will take reasonable measures necessary to prevent property damage, injury and death to employees, Contractor, and the general public. FSC Construction Contractors will attend and or otherwise conduct daily safety tailgate meetings to discuss construction issues and avoidance measures for incidents. Safety concerns related to the overlap of construction activities and hunting seasons are universal and safety awareness is the responsibility of both the construction workers and the hunters. While FSC cannot prevent unsafe or negligent behavior of the hunter, FSC's job site safety practices will be put in place to protect both workers and recreational hunters from any unsafe interaction. These practices include, but are not limited to the use of high visibility vests and hard hats; daily pre-construction safety briefings to review conditions potentially affecting worker safety; instructing construction personnel to stay within marked authorized areas and field layout; contacting local land owners or agents to identify areas that should not be entered due to hunting activities; and requiring Contractors and others visiting the construction right-of-way to stay clear of heavily wooded or brushy areas that could conceal their identity and visibility.

8.4.5.2 Natural, Recreational, or Scenic Areas

FSA and NRCS Program Enrolled Properties

Correspondence from USDA FSA did not identify any CRP properties crossed by the FSC Project (Roller, 2014). If any easements are identified in the future through ongoing landowner discussions, FSC will work with landowners and local FSA and NRCS officials to develop restoration programs that will ensure that any affected enrolled CRP/CREP acreage will be eligible to continue participation in the program. Impacts on the WRP easement associated with the Allapattah Flats Williamson Ranch parcel at approximate MP 123.7 have been avoided by use of the HDD crossing method.

8.5 VISUAL RESOURCES

8.5.1 Pipeline Facilities

Visual impacts associated with construction activities may result from the removal of vegetation, particularly in forested areas. These impacts may be most observable where the pipeline parallels or crosses roads and where vegetation is removed between the right-of-way and residences. Potential impact mitigation measures may include planting visual screens along roadways and in residential areas. In areas where permanent impacts are unavoidable, FSC will

assess a planting program and coordinate with applicable regulatory agencies to develop site-specific visual impact mitigation plans, if necessary.

Visual or scenic resource management programs were reviewed to identify any designated scenic sites, vistas, roads and corridors potentially affected by the FSC Project. The FSC Project does not cross any section of the Federal Highway Administration America's Byways program (Federal Highway Administration, 2014) or any component of the federal wild or scenic river system (NPS, 2007). The FSC Project does cross federal, state, and county recreational and conservation lands, including an unofficial section of the FNST in Osceola County, which also possess scenic qualities. These resources and potential FSC Project-related impacts and mitigation are discussed in Section 8.4.

8.5.2 Aboveground and Pipeline Appurtenant Facilities

The Martin Meter Station will be constructed within the existing 400 foot by 400 foot FPL site. The interconnect facilities are planned to include a filter separator, measurement, flow and pressure control / flow control, mainline receiver, telemetry, as well as any necessary additional security and safety equipment. The facilities will be located within the existing fenced-in property to provide security and safety and prevent uncontrolled entry. No visual impacts are anticipated as the proposed facility will be located within the existing commercial/industrial FPL site.

The proposed pig launcher facility located at MP 0.0 is sited within an open field north of Osceola Polk Line Road (Route 532), within the proposed Sabal Trail Reunion Compressor Station site. The south boundary of the compressor station property has approximately 1,800 feet of frontage on the Osceola Polk Line Road. The retention of trees lining the edge of Osceola Polk Line Road and trees located to the west and east of the proposed fence line would provide screening of the site from local roads and residences. There would be no noticeable additive industrial component in the landscape from the FSC pig launcher facility.

The proposed pig launcher/receiver facility at MP 77.1 is sited within upland open land adjacent to South Kenansville Road (Route 441/15). The launcher/receiver is located on the same property as the proposed pipe storage yard at MP 77.2. The property includes several structures including an abandoned and dilapidated residence within 20 feet of the launcher/receiver facility. FSC has agreed to remove the residence from the permanent right-of-way and is currently discussing easement or purchase of the tract and any required visual mitigation with the landowner. No other residences are located in the vicinity of the launcher/receiver and adjacent properties consist mainly of forested and open land area. If necessary, FSC will install slats in the chain link fence surrounding the facility to provide screening from the roadway in addition to any existing vegetation where present.

Installing slats in chain link fencing enhances the appearance of the fencing and assists in screening minor aboveground facilities from view. Slats can be of a color (brown, green, and/or gray hue) selected to blend with the existing surroundings. While FSC does not anticipate the need for additional screening at the aboveground and pipeline appurtenant facilities, slatted fencing may be installed where unanticipated visual impacts are identified post-construction.

The pig receiver and MLV located at the pipeline terminus will be located within the Martin Meter Station. No visual impacts are anticipated as the proposed facilities will be located within the existing commercial/industrial FPL site.

The nearest residences from MLV locations (MLVs #1 through #11) range from 185 feet to 7,056 feet away. The MLVs are sited primarily within upland open land and some agricultural/citrus grove area. Additionally, MLVs #1 through #11 are all located adjacent to existing roadways. None of the roadways are designated as scenic, and the minor aboveground

pipng and fencing associated with the MLVs are not anticipated to have a visual impact and will likely be similar in scope to the existing roadway and utility infrastructure. Additional analyses of visual screening at these locations include the following:

- MLV #1 is located in open land and the nearest residences are 185 and 254 feet away to the southeast and southwest, respectively. The MLV location will be adjacent to the western side of Routes 17 and 92. Each residence has a road between it and the MLV site. Scattered trees in this location may provide screening from these residences. FSC will consider installing slatted fencing if necessary for screening the MLV from the view of the residence and roadway.
- MLV #2 is located at the edge of an existing field with scattered trees/shrubs north of Route 544 (Lake Marion Road). The nearest residence is 1,464 feet away. FSC anticipates that the distances of the residences from the MLV site and the presence of citrus groves will provide adequate screening of this facility from the residences. The MLV is offset from the roadway, and FSC will consider installing slatted fencing if necessary for screening the MLV from the view of the roadway.
- MLV #3 is located at the edge of an agricultural field and adjacent to Route 17A (Masterpiece Gardens Road). The nearest residences are 487 and 998 feet away to the southwest and northeast, respectively. FSC anticipates that the distances of the residences from the MLV site and the presence of scattered trees will provide adequate screening of this facility from the residences. Additionally, the MLV will be similar in scope to existing adjacent roadway and utility infrastructure. FSC will consider installing slatted fencing if necessary for screening the MLV from the view of the roadway.
- MLV #4 is located within a citrus grove and adjacent to Goldenbough Road. The nearest residence is 552 feet southeast of the MLV site. There are two industrial/commercial buildings located 364 and 350 feet away to the northwest and northeast, respectively. FSC anticipates that the rows of trees in the grove will provide adequate screening from the residence and industrial/commercial buildings. FSC will consider installing slatted fencing if necessary for screening the MLV from the view of the roadway.
- MLV #5 is located at the edge of an open field and adjacent to SR 60. The nearest residences are 529 and 569 feet away to the southwest and southeast, respectively. Route 60 passes between the southwestern residence and the MLV site; therefore, no visual impact on the residence is anticipated. Scattered trees between the residence to the southeast and the MLV site will provide adequate screening of this facility.
- MLV #6 is located at the edge of an open field and adjacent to SR 60. The nearest residence is northeast, 892 feet away across the open field. There is no existing woody vegetation cover that would provide any screening between this residence and the MLV site. FSC will consider installing slatted fencing if necessary for screening the MLV from view of the residence. The MLV is offset from SR 60 and FSC does not anticipate visual screening will be necessary from the state highway.
- MLV #7 is located adjacent to the southern side of SR 60. The nearest residence is 7,056 feet away from the MLV site. FSC anticipates that the distance of the residences from the MLV site will provide adequate screening of this facility. FSC does not anticipate visual screening will be necessary from the state highway.

- MLV #8 is located within open land adjacent to NE 304th Street. The nearest residence is 275 feet away and a private road bisects the residence and MLV site. FSC anticipates that scattered trees northeast of the residence will screen the MLV from view of the residence. FSC will consider installing slatted fencing if necessary for additional screening from the residence and/or roadway.
- MLV #9 is located in open land adjacent to Triple S Ranch Road. The closest residence is 1,003 feet away to the southwest. An urban/built up area including an industrial building is located between the residence and the MLV site. Scattered trees are also present. No visual screening is anticipated to be necessary in this location as the MLV will be similar in scope to the surrounding development.
- MLV #10 is located in open land with scattered patches of trees adjacent to Bluefield Road. The nearest residences are 701 and 850 feet away to the southeast and northeast, respectively. FSC anticipates that the scattered trees between the residences and the MLV site will provide adequate screening of this facility. FSC does not anticipate visual screening will be necessary from Bluefield Road.
- MLV #11 is located within an open field north of SW Martin Highway (Route 714). The nearest residence is 424 feet away to the southwest. FSC anticipates that a patch of trees between the residence and the MLV site will provide adequate screening of this facility from the residence. The MLV site is offset from SW Martin Highway and FSC does not anticipate visual screening will be necessary from the roadway.

8.6 APPLICATION FOR RIGHT-OF-WAY AND OTHER LAND USE

No federal public lands are proposed to be crossed by the pipeline route. The proposed HDD crossing at approximate MP 114.8 to 114.4 in St. Lucie County will encroach on the C-23 Canal right-of-way and will require Section 408 approval from the USACE. FSC will request the Section 408 approval from the USACE during its review of FSC's Section 404 permit application.

State lands under the jurisdiction of the SFWMD and the SWFWMD are crossed, including Allapattah Flats, Upper Lakes Basin Watershed, Upper Lake Marion Creek Watershed, Lake Wales Ridge State Forest, Kissimmee Chain of Lakes, and Kissimmee River. FSC is in the process of consulting with SFWMD and SWFWMD regarding the proposed crossing of these parcels and the necessary easement rights that will be required. Authorization to cross State-owned uplands has been approved by the Florida Acquisition and Restoration Council and the temporary construction easement has been received and the permanent right-of-way easement is pending. Public easement from the FDEP Division of State lands for crossings of sovereign submerged lands per Rule 18-21.005, FAC is currently under review through the ERP process.

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TABLES

**Table 8.2-1
Land Uses Crossed by the FSC Pipeline Facilities**

Facility	County	Open Land <u>a/</u>		Agricultural <u>b/</u>		Forest/Woodland <u>c/</u>		Industrial/ Commercial <u>d/</u>		Residential <u>e/</u>		Open Water <u>f/</u>		Total
		Miles	%	Miles	%	Miles	%	Miles	%	Miles	%	Miles	%	Miles
Pipeline	Polk	22.4	17.7	13.8	10.9	12.4	9.8	1.4	1.1	2.1	1.7	0.2	0.2	52.3
	Osceola	22.1	17.5	0.1	0.1	2.2	1.7	0.1	0.1	0.0	0.0	0.3	0.2	24.8
	Okeechobee	18.0	14.3	0.5	0.4	5.8	4.6	0.5	0.4	0.1	0.1	0.1	0.1	25.0
	St. Lucie	7.6	6.0	1.8	1.4	2.7	2.1	0.1	0.1	0.4	0.3	0.0	0.0	12.6
	Martin	6.0	4.8	4.4	3.5	1.1	0.9	0.2	0.1	0.0	0.0	0.0	0.0	11.6
Project Total		76.1	60.3	20.6	16.3	24.2	19.1	2.3	1.9	2.6	2.1	0.6	0.5	126.4

a/ Utility rights-of-way, open fields, vacant land, herbaceous and scrub uplands, non-forested lands, emergent wetland, scrub-shrub wetland, golf courses, and municipal land.

b/ Cultivated land including citrus groves.

c/ Upland and wetland forest and pine plantation.

d/ Manufacturing or industrial plants, paved areas, landfills, mines, quarries electric power or natural gas utility facilities; developed areas, roads, railroads and railroad yards, and commercial or retail facilities.

e/ Existing developed residential areas and planned residential developments. This may include large developments, low, medium, and high density residential neighborhoods, urban/suburban residential, multi-family residences, ethnic villages, residentially zoned areas that have been developed or short segments of the route at road crossings with homes near the route alignment.

f/ Water crossings greater than 100 feet wide and streams visible on aerial photography but less than 100 feet in width.

Table 8.2-2

Land Use Acreage Affected by Construction and Operation of the Florida Southeast Connection Project

Facility	Open Land <u>a/</u>		Forest/Woodland <u>b/</u>		Agricultural <u>c/</u>		Industrial/Commercial <u>d/</u>		Residential <u>e/</u>		Open Water <u>f/</u>		Total	
	Construction <u>g/</u>	Operation <u>h/</u>	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation
<i>Pipeline Right-of-Way</i>	452.80	371.57	139.66	118.03	120.80	120.80	13.44	13.44	15.75	15.75	1.09	1.09	743.54	640.68
<i>Temporary Easement</i>	367.78	0.00	130.45	0.00	117.80	0.00	11.47	0.00	12.87	0.00	1.65	0.00	642.02	0.00
<i>Additional Temporary Workspace</i>	82.27	0.00	27.79	0.00	46.82	0.00	4.40	0.00	5.99	0.00	0.31	0.00	167.58	0.00
<i>MLV / Launcher Site (MP 0.0) <u>f/</u></i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Receiver / Launcher Site (MP 77.1)</i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.26	0.00	0.00	0.26	0.26
<i>MLV / Receiver Site (MP 126.4) <u>g/</u></i>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<i>Main Line Valves #1 - #11</i>	0.36	0.36	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.44
<i>Martin Meter Station <u>h/</u></i>	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.92	0.92
<i>Contractor Yards</i>	155.97	0.00	40.65	0.00	0.00	0.00	22.63	0.00	4.56	0.00	0.00	0.00	223.81	0.00
<i>Staging Area</i>	0.90	0.00	1.62	0.00	0.00	0.00	1.79	0.00	0.00	0.00	0.00	0.00	4.31	0.00
<i>Access Roads</i>	35.00	1.15	1.89	0.21	6.50	0.18	71.16	3.71	0.77	0.05	0.04	0.00	116.36	5.30
PROJECT TOTALS	1,096.08	373.08	342.06	118.24	292.00	121.06	126.81	18.07	40.20	16.06	3.09	1.09	1,899.24	647.60

a/ Utility rights-of-way, open fields, vacant land, herbaceous and scrub uplands, non-forested lands, emergent wetland, scrub-shrub wetland, golf courses, and municipal land.
b/ Upland and wetland forest and pine plantation.
c/ Cultivated land and citrus groves.
d/ Manufacturing or industrial plants, paved areas, landfills, mines, quarries electric power or natural gas utility facilities; developed areas, roads, railroads and railroad yards, and commercial or retail facilities.
e/ Existing developed residential areas and planned residential developments. This may include large developments, low, medium, and high density residential neighborhoods, urban/suburban residential, multi-family residences, ethnic villages, residentially zoned areas that have been developed or short segments of the route at road crossings with homes near the route alignment.
f/ Water crossings greater than 100 feet wide and streams visible on aerial photography but less than 100 feet in width.
g/ Land affected during construction for pipeline facilities is comprised of the permanent right-of-way (50 feet), TWS (50 feet); and ATWS where applicable, except where the workspace has been reduce to 75 feet within wetlands, as detailed in Resource Report 2.
h/ Land affected during operation of the pipeline includes only the new 50-foot permanent right-of-way, except for the permanent right-of-way in wetlands as detailed in Resource Report 2.

**Table 8.2-3
Locations of Existing Adjacent Rights-of-Way in Relation to the FSC Project**

Start Milepost	End Milepost	Paralleled Length (feet) ^{a/}	Road/Utility Description	Distance and Direction from Construction Work area (feet)	Distance and Direction from Pipeline Centerline (feet)	Land Affected within Existing Rights-of-Way (Acres)	
						During Construction ^{b/}	During Operation ^{c/}
0.1	0.1	0	Osceola Polk Line Rd Crossing	Crossing	Crossing	0.47	0.24
0.2	1.1	4,752	Duke Power Line	0-30ft West, 0-45ft East	19-55ft West, 20-70ft East	4.37	2.09
1.1	4.4	17,424	SR 17/92	0-175ft West, 0-8ft East	23-200ft West, 2-30ft East	1.88	0.82
5.9	20.0	74,448	Duke Power Line	0-490ft West, 0-140ft East	0-520ft West, 15-200ft East	24.22	18.64
21.6	22.1	2,640	Tindel Camp Rd	5ft South	30ft South	0.16	0.08
22.8	24.3	7,920	St. Helena Rd	0-16ft East	19-42ft East	0.16	0.08
26.6	27.5	4,752	CR17	0ft West, 2ft East	23ft West, 27ft East	0.08	0.04
29.7	30.5	4,224	Stokes Rd	0-20ft West	20-45ft West	0.21	0.11
30.6	44.1	71,280	SR 60	0-435ft South, 0-1150ft North	0-450ft South, 17-1185ft North	2.23	1.12
50.3	72.8	118,800	SR 60	0-313ft South, 0-140 North	25-390ft South, 0-165ft North	0.07	0.05
72.8	86.5	72,336	US 441	0-613ft East	6-670ft East	9.88	1.38
86.5	88.4	10,032	NE 304th St	0ft South, 0ft North	25ft South, 0-25ft North	0.16	0.08
88.4	90.5	11,088	NE 48 th Ave	0ft West, 0-21ft East	0-30ft West, 18-45ft East	0.26	0.12
94.2	94.6	2,112	CR 68	0ft South	25ft South	1.10	0.84
105.6	110.0	23,232	Bluefield Rd	0-10ft West, 0-165ft East	22-35ft West, 21-185ft East	0.16	0.07
118.7	118.7	0	SW Martin Hwy	Crossing	Crossing	0.35	0.22
124.5	126.4	0	Easement Crossing south of SR-710	Crossing	Crossing	0.48	0.14
Project Total		425,040	-			46.24	26.12
^{a/} Does not include farm roads, which bring the total length of pipeline that is collocated within or immediately adjacent to other linear facilities to 101.9 miles or 79 percent of the route length. ^{b/} All areas required for construction, including areas that would be identified as operational right-of-way after Project completion. ^{c/} Acreages are included within the reported acreage for "Land Affected During Construction."							

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
<u>Launcher (MP 0.0)</u>											
Osceola	1	0.00	0.00	Right	140	140	0.45	OL			Launcher
<u>Pipeline</u>											
Osceola	3	0.02	0.05	Left	50	175	0.20	OL	WB-01	0	Road Crossing
Osceola	2	0.03	0.05	Right	25	100	0.06	OL	WB-01	0	Road Crossing
Osceola	4	0.09	0.12	Left	50	150	0.17	OL	W-005	47	Road Crossing
Osceola	5	0.10	0.12	Right	25	100	0.06	OL	W-006	0	Road Crossing
Osceola	6	0.16	0.22	Left	50	256	0.28	OL, ID			Pipeline Inflection and Access Road Crossing
Osceola	7	0.22	0.25	Left	92	200	0.42	OL			Road Crossing and Turnaround
Osceola	8	0.38	0.40	Left	50	150	0.17	OL	W-007	30	Access Road and Wetland Crossing
Osceola	9	0.44	0.48	Left	50	200	0.22	FW	W-007	0	Railroad Crossing
Osceola	10	0.49	0.53	Left	50	200	0.24	FW			Railroad Crossing
Polk	11	0.56	0.59	Right	25	107	0.07	OL, FW	WB-02	31	Pipeline Inflection and Access Road Crossing
Polk	12	0.61	0.64	Right	50	158	0.23	RE, FW			Pipeline Inflection and Access Road Crossing
Polk	13	0.68	0.70	Left	25	150	0.31	FW	W-010	0	Pipeline Inflection and Road Crossing
Polk	14	0.68	0.71	Right	50	150	0.31	FW, OL	W-010	0	Pipeline Inflection and Wetland Crossing
Polk	15	0.71	0.73	Right	75	40	0.12	FW	W-011A	0	Pipeline Inflection and Road Crossing
Polk	16	0.72	0.76	Left	50	304	0.31	OL	W-011	50	Road Crossing
Polk	17	0.74	0.77	Right	40	116	0.09	OL			Road Crossing
Polk	18	0.77	0.80	Right	50	156	0.20	FW, OL, RE			Road Crossing
Polk	19	0.83	0.86	Right	49	167	0.12	RE			Relocation of Septic Tank
Polk	20	0.86	0.87	Right	25	30	0.02	OL			Relocation of Septic Tank

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Polk	21	0.89	0.90	Right	35	87	0.06	RE			Pipe Inflection and Bore
Polk	22	0.93	0.96	Left	100	145	0.33	FW	W-014	0	Pipe Inflection and Bore
Polk	25	0.94	1.06	Right	50	558	0.69	OL, FW, RE	W-014	0	Collocation, Pipeline Inflection and Road Crossing
Polk	23	0.96	0.98	Left	75	102	0.18	RE	W-014	3	Collocation and Wetland Crossing
Polk	24	1.01	1.03	Left	25	101	0.07	OL	W-016	0	Road Crossing, Pipeline Inflection
Polk	26	1.06	1.09	Right	50	125	0.14	OL, FW			Access Road Crossing
Polk	27	1.15	1.17	Right	25	100	0.06	FW			Access Road Crossing
Polk	28	1.35	1.37	Right	75	100	0.17	RE			Access Road Crossing
Polk	29	1.42	1.44	Right	75	100	0.16	RE	W-024B	37	Access Road Crossing
Polk	30	1.73	1.75	Right	431	100	0.99	OL			Pipeline Inflection and Road Crossing
Polk	31	1.75	1.75	Right	50	167	0.19	OL			Point of Inflection and Road Crossing
Polk	34	1.76	1.84	Right	25	347	0.18	ID			Point of Inflection and Road Crossing
Polk	32	1.76	1.78	Left	50	81	0.09	ID	W-031	38	Road Crossing
Polk	33	1.81	1.82	Left	50	150	0.18	FW	W-031	0	Point of Inflection
Polk	35	1.82	1.86	Left	50	269	0.32	ID	W-031	0	Point of Inflection
Polk	36	1.85	1.87	Right	75	95	0.15	ID	W-031	5	Road Crossing
Polk	37	1.86	1.87	Left	75	88	0.15	FW	W-031	0	Road Crossing and Wetland
Polk	38	1.89	1.91	Right	50	100	0.10	FW	W-032	0	Point of Inflection
Polk	39	1.92	1.95	Left	25	100	0.05	FW	W-032	0	Point of Inflection
Polk	40	2.28	2.30	Left	68	100	0.16	OL			Access Road Crossing
Polk	41	2.78	2.79	Left	25	175	0.10	OL, RE, FW	W-034	0	Point of Inflection and Road Crossing
Polk	42	2.80	2.81	Left	95	100	0.22	FW	W-034	0	Point of Inflection and Road Crossing

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Polk	44	2.84	2.87	Right	75	258	0.52	OL, FW	W-034A	0	Point of Inflection and Road Crossing
Polk	43	2.84	2.85	Right	25	139	0.08	FW	W-034A	0	Point of Inflection and Road Crossing
Polk	45	3.12	3.14	Left	25	100	0.05	OL			Road Crossing
Polk	46	3.37	3.39	Right	50	100	0.11	OL	W-035	0	Road Crossing
Polk	47	3.38	3.40	Left	25	100	0.06	OL	W-035	1	Road Crossing
Polk	48	3.40	3.42	Right	50	101	0.12	OL	W-036	0	Road Crossing
Polk	49	3.62	3.63	Left	25	50	0.03	FW, OL, RE			Road Crossing
Polk	50	3.73	3.75	Right	50	100	0.11	OL			Road Crossing
Polk	51	3.76	3.77	Right	50	75	0.09	OL	WB-03	40	Road Crossing
Polk	52	4.06	4.06	Right	50	30	0.03	RE	W-040	21	Road Crossing
Polk	53	4.06	4.07	Right	25	47	0.03	RE			Road Crossing
Polk	54	4.10	4.10	Right	25	45	0.03	AG			Road Crossing
Polk	55	4.12	4.13	Right	75	36	0.06	AG, OL			Road Crossing
Polk	56	4.13	4.16	Right	25	155	0.09	OL	W-042	44	Road Crossing
Polk	57	4.16	4.20	Right	25	225	0.13	OL, FW	W-042	0	Bore of Road Crossing
Polk	58	4.35	4.39	Right	25	200	0.11	OL			Pipeline Inflection and Access Road Crossing
Polk	60	4.38	4.39	Right	25	50	0.03	OL			Pipeline Inflection and Road Crossing
Polk	59	4.38	4.39	Right	25	59	0.03	OL			Pipeline Inflection and Road Crossing
Polk	61	4.39	4.40	Right	50	188	0.27	OL	WB-05	34	Pipeline Inflection and Road Crossing
Polk	63	4.41	4.43	Left	25	98	0.06	RE			Road Crossing
Polk	62	4.41	4.42	Right	25	44	0.03	RE			Road Crossing
Polk	64	4.45	4.45	Right	25	75	0.05	RE	W-044	31	Pipe Inflection
Polk	65	5.63	5.66	Right	50	150	0.17	OL	W-054	12	Pipe Inflection

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Polk	67	5.66	5.70	Right	75	61	0.11	OL	W-054	0	Pipe Inflection
Polk	66	5.66	5.70	Left	50	251	0.34	OL	W-054	0	Pipe Inflection
Polk	68	6.21	6.23	Right	25	100	0.06	OL			Access Road
Polk	69	7.95	7.97	Right	50	100	0.08	OL	W-069	21	Access Road
Polk	70	8.92	8.94	Right	50	127	0.15	FW, OL			Road Crossing
Polk	71	8.95	8.97	Right	50	125	0.14	FW			Road Crossing
Polk	72	10.19	10.21	Right	25	100	0.06	FW	W-082	0	Deep Ditch
Polk	73	10.22	10.23	Right	25	90	0.05	FW	W-084	0	Deep Ditch
Polk	74	10.63	10.64	Right	75	88	0.15	FW			Turn Around and Access Road
Polk	75	10.63	10.65	Left	25	100	0.06	OL, FW	W-089	0	Turn Around and Access Road
Polk	76	10.96	10.97	Right	50	125	0.14	FW			Pipeline Inflection and Road Crossing
Polk	79	10.97	11.00	Right	25	180	0.10	FW			Pipeline Inflection and Road Crossing
Polk	77	10.99	10.99	Left	25	100	0.06	OL			Point of Inflection and Road Crossing
Polk	78	10.99	11.00	Left	50	100	0.11	OL			Point of Inflection and Road Crossing
Polk	80	11.46	11.47	Right	40	75	0.07	OL			Road Crossing and Access Road
Polk	81	11.48	11.49	Right	40	75	0.07	OL			Road Crossing and Access Road
Polk	82	11.52	11.57	Left	25	225	0.13	FW	W-094A	0	HDD Pullback
Polk	83	11.60	11.64	Left	25	163	0.09	FW, OL	W-095	0	HDD Pullback
Polk	84	11.80	11.83	Left	80	201	0.40	FW			HDD Workspace
Polk	85	11.82	11.83	Right	22	73	0.06	OL			HDD Workspace
Polk	86	12.09	12.13	Left	82	200	0.34	FW, OL	W-096	0	HDD Workspace
Polk	87	12.09	12.13	Right	66	200	0.34	OL			HDD Workspace

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Polk	88	12.19	12.24	Left	50	323	0.40	FW, OL, ID	W-097	0	Pipe Inflection and Road Crossing
Polk	89	12.51	12.53	Right	25	100	0.06	OL	W-105	0	Wetland Crossing
Polk	90	12.57	12.60	Left	50	150	0.13	FW	W-108	0	Road Crossing
Polk	91	12.61	12.63	Left	50	125	0.18	FW			Road Crossing
Polk	92	12.72	12.77	Left	50	200	0.20	OL			Pipe Inflection
Polk	93	12.88	12.90	Left	60	100	0.14	OL			Turn Around and Access Road
Polk	94	13.12	13.15	Left	50	150	0.17	FW	W-112	43	Deep Ditch
Polk	95	13.18	13.20	Left	50	150	0.17	OL			Deep Ditch
Polk	96	13.28	13.32	Left	50	300	0.37	OL			Point of Inflection and Access Road
Polk	97	13.40	13.45	Left	50	191	0.19	OL	W-113	30	Pipeline Inflection
Polk	98	13.59	13.61	Left	25	100	0.06	RE			Bore
Polk	99	13.63	13.65	Left	25	100	0.06	RE			Bore
Polk	100	13.68	13.70	Right	70	100	0.16	OL, RE			Turn Around and Access Road
Polk	101	13.69	13.70	Left	25	50	0.03	RE			Access Road Crossing
Polk	102	13.71	13.72	Left	25	50	0.03	OL			Access Road Crossing
Polk	103	13.84	13.86	Left	50	125	0.16	OL			Road Crossing
Polk	104	13.87	13.89	Left	50	125	0.12	OL, AG			Road Crossing
Polk	105	13.96	13.97	Left	25	50	0.03	AG, OL			Road Crossing
Polk	106	13.98	13.99	Left	25	50	0.03	OL			Road Crossing
Polk	107	14.08	14.09	Right	25	49	0.03	OL			Access Road
Polk	108	14.10	14.11	Right	25	50	0.03	OL			Access Road
Polk	109	14.12	14.14	Left	50	100	0.11	OL			Turn Around and Access Road
Polk	110	14.22	14.34	Left	50	663	0.77	OL			Pipeline Inflection

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities *a/*, *b/***

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <i>c/</i>		Area affected (acres) <i>d/</i>	Existing Land Use <i>e/</i>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <i>f/</i>	Justification
					Width (feet)	Length (feet)					
Polk	111	14.76	14.79	Left	50	125	0.14	OL			Road Crossing
Polk	112	14.80	14.83	Left	50	125	0.14	AG			Road Crossing
Polk	113	15.17	15.18	Right	25	50	0.03	AG			Access Road
Polk	114	15.18	15.19	Right	25	50	0.03	AG			Access Road
Polk	115	15.34	15.38	Left	50	200	0.23	AG			Spoil Storage due to Structure
Polk	116	15.53	15.54	Left	25	50	0.03	AG			Road Crossing
Polk	117	15.55	15.56	Left	25	50	0.03	AG			Road Crossing
Polk	118	15.89	15.91	Left	50	100	0.11	AG			Access Road
Polk	119	15.91	15.92	Left	50	100	0.14	OL			Access Road
Polk	121	16.20	16.23	Right	33	157	0.12	OL			Collocation of Progress Energy and Structure
Polk	120	16.20	16.22	Left	25	99	0.06	RE			Collocation of Progress Energy and Structure
Polk	122	16.23	16.29	Right	85	291	0.57	RE			Collocation of Progress Energy and Structure
Polk	123	16.29	16.29	Left	50	28	0.03	RE			Road Crossing
Polk	124	16.30	16.30	Left	50	35	0.04	OL, RE			Road Crossing
Polk	126	16.30	16.34	Right	25	223	0.13	OL, RE			Collocation of Progress Energy and Structure
Polk	125	16.30	16.31	Right	25	85	0.05	ID, RE			Road Crossing
Polk	127	16.32	16.34	Right	25	121	0.07	ID, RE			Collocation of Progress Energy and Structure
Polk	128	16.34	16.38	Right	50	200	0.23	RE, ID, OL			Collocation of Progress Energy and Structure
Polk	129	16.72	16.73	Left	75	100	0.17	AG			Turn Around and Access Road
Polk	130	16.77	16.80	Left	50	125	0.14	AG, ID			Road Crossing
Polk	131	16.80	16.83	Left	50	125	0.15	OL			Road Crossing
Polk	132	17.05	17.06	Left	50	100	0.12	OL			Pipeline Inflection

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Polk	133	17.18	17.22	Left	50	197	0.22	AG			Pipeline Inflection
Polk	134	17.28	17.31	Right	50	126	0.14	AG			Road Crossing
Polk	135	17.32	17.42	Right	50	485	0.56	OL, AG			Road Crossing and Point of Inflections
Polk	136	17.56	17.58	Left	25	125	0.07	AG, OL			Access Road
Polk	137	17.70	17.76	Right	50	200	0.19	OL			Point of Inflections
Polk	138	17.92	18.02	Right	50	501	0.57	AG, OL			Point of Inflections
Polk	139	18.08	18.13	Right	50	299	0.36	AG			Access Roads and Point of Inflections
Polk	140	18.36	18.41	Right	50	300	0.36	AG, OL			Access Roads and Point of Inflections
Polk	141	18.57	18.59	Left	50	100	0.11	OL			Point of Inflection and Spoil Storage
Polk	142	18.57	18.64	Right	11	335	0.08	OL, RE			Point of Inflection and Spoil Storage
Polk	143	18.59	18.64	Right	50	234	0.27	OL, RE			Point of Inflection and Spoil Storage
Polk	145	18.69	18.71	Left	25	159	0.09	RE			Road Crossing
Polk	144	18.69	18.71	Right	50	138	0.15	RE			Road Crossing
Polk	146	18.77	18.79	Left	25	100	0.06	FW			Access Road
Polk	147	18.82	18.83	Left	25	50	0.03	RE, FW			Access Road
Polk	148	18.84	18.84	Left	25	50	0.03	RE			Access Road
Polk	149	18.86	18.87	Left	25	50	0.03	RE			Access Road
Polk	150	18.88	18.88	Left	25	50	0.03	FW			Access Road
Polk	151	18.93	18.95	Left	70	100	0.16	FW			Access Road
Polk	152	19.78	19.80	Left	75	119	0.20	OL	W-121A	0	Point of Inflection
Polk	153	19.80	19.83	Left	50	185	0.23	OL			Point of Inflection
Polk	154	19.81	19.83	Right	50	100	0.11	OL			Cross Over, Pass Lane
Polk	155	19.83	19.85	Left	50	100	0.11	OL			Cross Over, Pass Lane

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Polk	156	19.83	19.89	Right	50	345	0.41	OL			Road Crossing and Point of Inflection
Polk	157	19.89	19.91	Right	70	100	0.16	OL, AG			Access Road and Road Crossing
Polk	158	20.59	20.62	Right	50	125	0.14	AG			Road Crossing
Polk	159	20.63	20.66	Right	68	151	0.23	AG, OL			Road Crossing
Polk	160	21.58	21.64	Left	50	200	0.17	AG			Point of Inflection
Polk	161	22.10	22.13	Left	50	253	0.35	AG, OL			Point of Inflection and Road Crossing
Polk	162	22.11	22.16	Right	50	152	0.17	AG			Road Crossing
Polk	163	22.13	22.16	Left	50	151	0.17	AG			Road Crossing
Polk	164	22.49	22.54	Left	50	200	0.17	ID, OL			Point of Inflection
Polk	165	22.73	22.79	Right	50	200	0.17	AG			Point of Inflection
Polk	166	23.11	23.13	Right	25	100	0.06	AG			Road Crossing
Polk	167	23.13	23.15	Right	25	100	0.06	AG			Road Crossing
Polk	168	23.35	23.38	Right	50	125	0.14	AG			Road Crossing
Polk	169	23.39	23.41	Right	50	125	0.14	AG			Road Crossing
Polk	170	23.85	23.87	Right	50	125	0.16	AG			Road Crossing
Polk	171	23.89	23.91	Right	50	125	0.14	OL, AG			Road Crossing
Polk	172	24.87	24.90	Right	25	299	0.22	FW, AG			Point of Inflection
Polk	173	25.41	25.46	Right	50	200	0.19	OL, FW			Point of Inflection
Polk	174	25.70	25.75	Left	50	200	0.17	OL, FW			Point of Inflection
Polk	175	26.69	26.71	Right	50	125	0.14	ID, FW			Road Crossing
Polk	176	26.73	26.75	Right	50	99	0.11	FW			Road Crossing
Polk	177	26.75	26.77	Right	50	101	0.12	AG			Road Crossing
Polk	178	26.92	26.94	Right	50	250	0.34	AG, RE			Point of Inflection and Road Crossing

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Polk	179	26.95	26.96	Left	50	151	0.23	OL			Point of Inflection and Road Crossing
Polk	180	26.96	26.97	Left	75	50	0.07	OL			Point of Inflection
Polk	181	27.19	27.20	Left	25	100	0.06	AG			Road Crossing
Polk	182	27.21	27.22	Left	25	50	0.03	AG			Road Crossing
Polk	183	27.47	27.48	Left	25	50	0.03	AG			Road Crossing
Polk	184	27.49	27.50	Left	25	50	0.03	AG			Road Crossing
Polk	185	27.65	27.71	Left	50	350	0.40	OL			Point of Inflection and Road Crossing
Polk	186	27.73	27.75	Left	50	123	0.14	OL			Road Crossing
Polk	187	27.77	27.85	Left	50	422	0.48	OL			Point of Inflection
Polk	188	28.03	28.04	Left	25	49	0.03	AG			Access Road
Polk	189	28.05	28.06	Left	70	100	0.16	AG			Turn Around and Access Road
Polk	190	28.17	28.20	Right	50	150	0.16	AG, ID			Point of Inflection
Polk	191	28.54	28.57	Right	25	121	0.06	OL			Point of Inflection
Polk	192	28.54	28.61	Left	25	382	0.22	OL	W-133	20	Point of Inflection
Polk	194	28.54	28.61	Left	50	385	0.45	OL	W-133	10	Point of Inflection
Polk	193	28.57	28.61	Right	50	249	0.31	OL			Point of Inflection
Polk	195	28.61	28.65	Right	50	260	0.32	OL			Point of Inflection
Polk	196	28.80	28.82	Left	50	100	0.11	AG			Cross Over, Pass Lane
Polk	197	28.82	28.84	Right	50	100	0.11	AG			Cross Over, Pass Lane
Polk	198	28.95	28.98	Right	25	165	0.09	AG, ID			Road Crossing
Polk	200	28.98	29.00	Left	40	123	0.11	AG, ID			Road Crossing
Polk	199	29.00	29.00	Right	83	82	0.13	ID, OL			Road Crossing
Polk	202	29.00	29.02	Right	50	115	0.13	OL			Road Crossing

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities a/, b/**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <u>c/</u>		Area affected (acres) <u>d/</u>	Existing Land Use <u>e/</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <u>f/</u>	Justification
					Width (feet)	Length (feet)					
Polk	201	29.00	29.01	Left	59	40	0.02	ID, OL			Road Crossing
Polk	203	29.01	29.02	Left	90	86	0.15	ID, FW, OL			Road Crossing
Polk	204	29.02	29.03	Left	55	27	0.03	FW, OL			Road Crossing
Polk	205	29.06	29.13	Left	25	340	0.20	FW, OL			Waterbody Crossing
Polk	206	29.70	29.75	Right	50	150	0.17	OL, FW, ID			Road Crossing
Polk	207	29.74	29.77	Left	50	150	0.17	OL, FW	WB-19	14	Point of Inflection and Road Crossing
Polk	208	30.17	30.21	Left	25	224	0.13	RE, OL	W-137-A1	0	Soil Location
Polk	209	30.25	30.28	Left	50	150	0.17	RE			Road Crossing
Polk	210	30.32	30.33	Left	50	50	0.06	ID			Road Crossing
Polk	211	31.24	31.27	Left	50	150	0.17	ID			Bore of Road Crossing
Polk	212	31.30	31.31	Left	50	66	0.08	RE			Road Crossing
Polk	213	31.32	31.35	Left	50	150	0.17	OL			Road Crossing
Polk	214	31.55	31.59	Left	50	200	0.23	FW, AG			Cross Over and Access Road
Polk	215	31.77	31.80	Left	50	125	0.14	AG			Road Crossing
Polk	217	31.82	31.83	Left	50	152	0.23	AG, OL			Bore Pullback
Polk	216	31.82	31.83	Left	345	84	0.67	AG			Bore Pullback
Polk	218	31.87	31.89	Right	60	175	0.24	AG			Road Crossing
Polk	219	32.58	32.64	Right	50	200	0.18	AG			Point of Inflection
Polk	220	32.80	32.83	Right	50	290	0.39	AG, OL			Point of Inflection and Road Crossing
Polk	221	32.84	32.86	Right	50	125	0.14	AG			Road Crossing
Polk	222	33.06	33.08	Right	50	131	0.15	AG, ID			Road Crossing
Polk	223	33.09	33.11	Right	50	138	0.16	AG, ID			Road Crossing
Polk	224	33.56	33.61	Right	50	200	0.19	AG			Point of Inflection

Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities *a/*, *b/*

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <i>c/</i>		Area affected (acres) <i>d/</i>	Existing Land Use <i>e/</i>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <i>f/</i>	Justification
					Width (feet)	Length (feet)					
Polk	225	33.74	33.77	Right	50	299	0.40	AG			Point of Inflection
Polk	227	34.00	34.02	Left	50	126	0.14	AG			Road Crossing
Polk	226	34.00	34.02	Right	50	122	0.14	AG			Road Crossing
Polk	228	34.03	34.05	Right	50	115	0.13	AG			Road Crossing
Polk	229	34.03	34.05	Left	50	115	0.13	AG			Road Crossing
Polk	230	34.28	34.31	Right	50	262	0.32	AG, ID, FW, OL			Point of Inflection and Road Crossing
Polk	232	34.36	34.38	Left	50	270	0.37	AG			Bore Pullback
Polk	231	34.36	34.37	Left	50	270	0.34	AG			Bore Pullback
Polk	233	34.65	34.66	Left	25	50	0.03	AG, ID			Road Crossing
Polk	234	34.66	34.67	Left	25	50	0.03	AG			Road Crossing
Polk	235	34.84	34.86	Left	50	100	0.10	AG, ID			Road Crossing
Polk	236	34.87	34.88	Left	50	49	0.06	AG			Road Crossing
Polk	238	35.13	35.18	Left	50	250	0.28	AG, ID			Point of Inflection
Polk	237	35.15	35.16	Right	25	58	0.02	OL, AG			Point of Inflection
Polk	239	35.35	35.38	Left	50	150	0.17	FW			Road Crossing
Polk	240	35.39	35.42	Left	50	150	0.18	FW			Road Crossing
Polk	241	35.99	36.00	Left	75	98	0.17	FW			Turn Around and Access Road
Polk	242	36.39	36.40	Left	50	75	0.09	FW	W-157	2	Wetland and Road Crossing
Polk	243	36.42	36.44	Left	25	87	0.05	OL	W-158	15	Wetland and Road Crossing
Polk	244	36.59	36.61	Left	50	125	0.14	AG	W-158	50	Wetland Crossing
Polk	245	36.63	36.66	Left	50	125	0.14	OL	W-158	48	Wetland Crossing
Polk	246	36.67	36.69	Left	75	100	0.17	OL			Turn Around and Access Road
Polk	247	36.72	36.74	Left	25	125	0.07	OL	W-161	13	Wetland Crossing

Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities *a/*, *b/*

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <i>c/</i>		Area affected (acres) <i>d/</i>	Existing Land Use <i>e/</i>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <i>f/</i>	Justification
					Width (feet)	Length (feet)					
Polk	248	37.27	37.28	Left	25	50	0.03	RE			Road Crossing
Polk	249	37.29	37.29	Left	25	50	0.03	RE			Road Crossing
Polk	250	37.37	37.52	Left	7	808	0.13	OL			Extra workspace for Loss of Permanent Workspace
Polk	251	37.76	37.77	Left	50	40	0.04	OL	W-172	11	Wetland Crossing
Polk	252	37.77	37.77	Left	25	37	0.02	OL	W-173A	47	Wetland Crossing
Polk	253	37.77	37.78	Left	50	40	0.05	OL	W-173A	6	Wetland Crossing
Polk	254	37.92	37.98	Left	25	305	0.18	RE	W-175	48	Wetland and Road Crossing
Polk	255	38.00	38.05	Left	25	267	0.15	OL	W-175	38	Wetland and Road Crossing
Polk	257	38.09	38.35	Left	9	1423	0.32	AG, OL, RE, FW	W-177	0	HDD Pullback
Polk	256	38.11	38.16	Left	25	267	0.15	AG,OL	W-177	0	HDD Pullback
Polk	258	38.42	38.46	Left	150	200	0.69	FW	W-181	20	HDD Workspace
Polk	259	38.73	38.77	Left	100	200	0.46	OL	W-186	0	HDD Workspace
Polk	260	38.77	38.78	Left	75	79	0.14	OL	W-186	0	HDD Workspace and Turnaround
Polk	261	38.78	38.82	Left	50	199	0.23	OL	W-186	40	HDD Workspace
Polk	262	39.26	39.28	Left	50	125	0.13	FW, OL			Road Crossing
Polk	263	39.30	39.32	Left	50	125	0.16	FW, OL			Road Crossing
Polk	264	39.78	39.80	Left	25	125	0.08	ID, RE			Access Road
Polk	265	39.80	39.82	Left	50	70	0.10	RE	W-193	0	Access Road
Polk	266	39.99	40.25	Left	5	1348	0.15	OL	W-196	7	Extra workspace for Loss of Permanent Workspace
Polk	267	40.40	40.45	Left	50	200	0.21	OL			Point of Inflection
Polk	268	40.48	40.53	Left	50	300	0.33	OL			Point of Inflection
Polk	269	40.88	40.96	Right	50	445	0.51	OL	W-200	22	Point of Inflections
Polk	270	41.00	41.03	Right	50	150	0.16	OL			Road Crossing

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities *a/*, *b/***

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <i>c/</i>		Area affected (acres) <i>d/</i>	Existing Land Use <i>e/</i>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <i>f/</i>	Justification
					Width (feet)	Length (feet)					
Polk	271	41.00	41.04	Left	50	160	0.19	OL			Road Crossing
Polk	272	41.04	41.07	Right	50	150	0.18	OL	W-201	0	Road Crossing
Polk	273	41.05	41.08	Left	50	150	0.16	OL			Road Crossing
Polk	274	41.64	41.66	Right	75	100	0.17	OL	W-204	2	Access Road
Polk	275	42.35	42.38	Left	50	150	0.19	OL	W-207	0	Deep Ditch
Polk	276	42.39	42.42	Left	50	150	0.16	OL	W-207-A	0	Deep Ditch
Polk	277	42.45	42.48	Left	25	155	0.09	OL	W-207-A	50	Access Road
Polk	278	42.58	42.62	Left	50	300	0.37	OL, FW			Point of Inflection and Access Road
Polk	279	43.26	43.28	Left	75	100	0.17	OL			Turn Around and Access Road
Polk	280	43.41	43.45	Left	50	175	0.22	OL	W-216-A01	42	Road Crossing
Polk	281	43.46	43.49	Left	50	175	0.18	OL	W-216-A02	28	Road Crossing
Polk	282	44.01	44.04	Left	75	175	0.30	OL			Point of Inflection and Turnaround
Polk	283	44.04	44.09	Left	40	199	0.16	OL			Point of Inflection
Polk	284	44.51	44.52	Left	40	75	0.07	OL			Access Road
Polk	285	45.29	45.31	Right	25	100	0.06	OL	WB-32	14	Access Road and Point of Inflection
Polk	286	45.37	45.39	Left	25	125	0.07	OL	W-222	50	Deep Ditch
Polk	287	45.41	45.44	Left	25	125	0.07	OL	W-222	50	Deep Ditch
Polk	288	46.39	46.42	Left	25	200	0.11	OL			Access Road
Polk	289	46.58	46.60	Left	25	100	0.06	OL	W-223	50	Deep Ditch
Polk	290	46.62	46.64	Left	25	100	0.06	OL	W-223	50	Deep Ditch
Polk	291	46.75	46.77	Left	50	100	0.11	OL	W-223A	0	Deep Ditch
Polk	292	46.79	46.81	Left	25	100	0.06	OL			Deep Ditch
Polk	293	47.02	47.03	Left	50	50	0.06	OL	W-225	32	Deep Ditch

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Polk	294	47.05	47.07	Left	25	100	0.06	OL			Deep Ditch
Polk	295	47.24	47.26	Left	25	100	0.06	OL	W-228	50	Deep Ditch
Polk	296	47.28	47.30	Left	25	100	0.06	OL	W-228	50	Deep Ditch
Polk	297	47.36	47.38	Left	25	100	0.06	OL	W-228	50	Ditch and Access Road
Polk	298	47.40	47.42	Left	40	100	0.09	OL	W-228	50	Ditch and Access Road
Polk	299	47.58	47.60	Left	25	100	0.06	OL			Deep Ditch
Polk	300	47.63	47.64	Left	50	25	0.03	OL	W-228	34	Deep Ditch
Polk	301	47.64	47.66	Left	25	100	0.06	OL			Deep Ditch
Polk	302	47.77	47.79	Left	25	115	0.07	OL	W-230	36	Wetland Crossing
Polk	303	47.82	47.84	Left	25	100	0.06	OL			Wetland Crossing
Polk	304	48.18	48.21	Left	50	150	0.17	OL	WB-33	32	Wetland Crossing
Polk	306	49.01	49.06	Right	50	214	0.19	OL			Point of Inflection
Polk	305	49.02	49.03	Left	25	150	0.09	FW, AG	W-233	38	Point of Inflection and Wetland
Polk	307	49.60	49.65	Left	50	242	0.25	AG			Point of Inflection
Polk	308	49.65	50.04	Left	25	2052	1.18	AG	W-241	15	Agricultural
Polk	309	50.09	50.10	Left	50	48	0.08	AG	W-241	0	Waterbody Crossing
Polk	310	50.11	50.14	Left	50	139	0.13	AG	WB-33A	7	Waterbody Crossing
Polk	311	50.14	50.27	Left	25	691	0.40	AG			Agricultural
Polk	313	50.27	50.32	Left	50	200	0.21	AG			Point of Inflection
Polk	312	50.27	50.32	Left	25	160	0.09	AG			Point of Inflection
Polk	314	50.32	50.34	Left	25	100	0.06	AG			Turn Around and Access Road
Polk	315	50.32	50.34	Left	75	100	0.17	AG			Turn Around and Access Road
Polk	316	50.34	50.51	Left	25	925	0.53	AG	W-242	48	Agricultural

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Polk	317	50.63	50.82	Left	25	1013	0.58	AG	W-242	44	Agricultural
Polk	318	50.86	50.87	Left	25	77	0.04	AG	W-243A	55	Agricultural
Polk	319	50.99	51.00	Left	75	76	0.13	OL, AG	W-247	0	Deep Ditch
Polk	321	50.99	51.01	Left	25	150	0.09	AG	W-247	13	Agricultural
Polk	320	51.00	51.01	Left	50	74	0.08	AG	WB-34	25	Deep Ditch
Polk	323	51.03	51.06	Left	25	150	0.09	AG	W-242	12	Wetland Crossing
Polk	322	51.03	51.05	Left	50	103	0.12	AG	WB-34	24	Waterbody Crossing
Polk	324	51.05	51.06	Left	75	47	0.08	AG	W-242	2	Wetland Crossing
Polk	326	51.09	51.12	Left	25	150	0.09	OL, AG	W-242	0	Wetland Crossing
Polk	325	51.09	51.12	Left	75	150	0.26	OL, AG	W-242	0	Wetland Crossing
Polk	327	51.12	51.22	Left	25	494	0.28	AG			Agricultural
Polk	328	51.22	51.24	Left	25	144	0.08	AG			Agricultural
Polk	329	51.22	51.24	Left	50	144	0.17	AG, OL	W-242	43	Wetland Crossing
Polk	331	51.29	51.38	Left	50	455	0.46	OL, AG	W-242	32	Point of Inflection and Wetland Crossing
Polk	330	51.29	51.36	Left	20	341	0.15	OL, AG	W-242	24	Agricultural
Polk	332	51.36	51.43	Left	25	475	0.25	AG			Road Crossing
Polk	335	51.43	51.46	Left	25	125	0.07	AG	W-249	48	Agricultural
Polk	333	51.43	51.45	Left	25	100	0.06	AG			Road Crossing
Polk	334	51.45	51.46	Left	50	25	0.03	AG	W-249	32	Road Crossing
Polk	339	51.48	51.56	Right	50	399	0.44	OL, AG	W-250	44	Point of Inflection and Road Crossing
Polk	336	51.48	51.48	Left	50	25	0.03	AG	W-250	16	Road Crossing
Polk	338	51.48	51.50	Left	25	125	0.07	AG	W-250	8	Road Crossing
Polk	337	51.48	51.50	Left	25	100	0.06	AG	W-250	40	Road Crossing

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities a/, b/**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <u>c/</u>		Area affected (acres) <u>d/</u>	Existing Land Use <u>e/</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <u>f/</u>	Justification
					Width (feet)	Length (feet)					
Polk	340	51.50	51.58	Left	25	450	0.26	AG			Point of Inflection
Polk	342	51.58	51.63	Left	50	200	0.21	AG			Point of Inflection
Polk	341	51.58	51.63	Left	50	165	0.09	AG			Point of Inflection
Polk	343	51.63	51.65	Left	25	121	0.07	AG			HDD Pullback
Polk	344	51.65	51.73	Left	25	438	0.50	AG, OL	W-252	0	Wetland Crossing and HDD Pullback
Polk	345	51.73	51.87	Left	25	750	0.43	AG			HDD Pullback
Polk	346	51.87	51.90	Left	25	149	0.17	AG, OL	W-253	0	HDD Pullback
Polk	347	51.90	52.24	Left	25	1784	1.02	AG, OL	W-253	0	HDD Pullback
Polk	348	52.24	52.32	Left	50	429	0.49	OL	W-251A	0	HDD Pullback
Polk	349	52.32	52.41	Left	25	449	0.26	OL	W-254	0	HDD Pullback
Polk	350	52.41	52.46	Left	50	302	0.35	OL	W-254	0	HDD Pullback
Polk	352	52.46	52.58	Left	25	623	0.36	OL	W-254	15	HDD Pullback
Polk	351	52.54	52.58	Left	50	231	0.27	OL			HDD Workspace
Polk	353	52.58	52.61	Left	50	150	0.09	OL			HDD Workspace
Polk	354	52.58	52.61	Left	50	150	0.17	OL			HDD Workspace
Osceola	355	53.67	53.68	Left	25	100	0.06	OL			HDD Workspace
Osceola	356	53.68	53.69	Right	50	125	0.14	OL			HDD Workspace
Osceola	357	53.68	53.71	Left	25	567	0.69	OL, FW			HDD Workspace
Osceola	358	53.71	53.74	Left	100	167	0.38	OL	W-266K	25	Point of Inflection and Road Crossing
Osceola	359	53.71	53.76	Left	50	289	0.33	OL	W-266K	0	Road Crossing
Osceola	360	53.74	53.78	Right	25	263	0.15	FW, OL, ID	W-266J	0	Road Crossing
Osceola	362	53.77	53.82	Right	50	378	0.49	OL	W-266J	0	Point of Inflection and Road Crossing
Osceola	361	53.79	53.81	Left	35	137	0.11	OL	W-266J	0	Point of Inflection and Road Crossing

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities *a/*, *b/***

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <i>c/</i>		Area affected (acres) <i>d/</i>	Existing Land Use <i>e/</i>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <i>f/</i>	Justification
					Width (feet)	Length (feet)					
Osceola	363	54.69	54.71	Right	50	100	0.11	OL			Access Road
Osceola	364	55.14	55.16	Right	75	100	0.17	OL			Turn Around and Access Road
Osceola	365	55.57	55.59	Right	25	100	0.06	OL			Access Road
Osceola	366	55.59	55.61	Right	25	100	0.06	OL			Access Road
Osceola	367	55.98	56.00	Right	75	100	0.17	OL			Turn Around and Access Road
Osceola	371	55.98	58.32	Right	8	12361	2.30	OL, ID, FW	W-282A	0	HDD Pullback
Osceola	368	56.37	56.39	Right	25	100	0.06	FW			Ditch
Osceola	369	56.41	56.43	Right	25	100	0.06	OL			Ditch
Osceola	370	58.12	58.14	Right	75	100	0.17	OL			Turn Around and Access Road
Osceola	372	58.32	58.36	Right	75	200	0.57	OL			HDD Workspace
Osceola	373	58.32	58.36	Left	25	200	0.12	OL, FW			HDD Workspace
Osceola	375	58.63	58.67	Left	25	200	0.12	OL	W-291A	0	HDD Workspace
Osceola	374	58.63	58.67	Right	75	200	0.34	OL	W-291A	0	HDD Workspace
Osceola	376	58.83	58.86	Right	50	199	0.23	OL			Turn Around and Access Road
Osceola	377	59.20	59.22	Right	25	100	0.06	OL			Ditch
Osceola	378	59.24	59.26	Right	25	100	0.06	OL			Ditch
Osceola	379	59.37	59.39	Right	25	100	0.06	OL			Ditch
Osceola	380	59.41	59.43	Right	25	100	0.06	OL			Ditch
Osceola	381	59.89	59.94	Right	25	254	0.15	OL			Ditch
Osceola	382	59.96	59.98	Right	25	100	0.06	OL			Ditch
Osceola	383	60.20	60.22	Right	25	100	0.06	OL			Ditch
Osceola	384	60.25	60.26	Right	25	100	0.06	OL			Ditch
Osceola	385	61.74	61.75	Right	25	49	0.03	OL	W-307	18	Road Crossing

Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities *a/*, *b/*

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <i>c/</i>		Area affected (acres) <i>d/</i>	Existing Land Use <i>e/</i>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <i>f/</i>	Justification
					Width (feet)	Length (feet)					
Osceola	386	61.76	61.77	Right	25	50	0.03	OL			Road Crossing
Osceola	387	61.79	61.81	Right	25	122	0.07	OL	W-309	0	Ditches
Osceola	388	61.82	61.84	Right	25	111	0.06	OL	W-309	0	Ditches
Osceola	389	61.86	61.88	Right	25	111	0.06	OL	W-309	0	Ditches
Osceola	390	61.90	61.92	Right	25	110	0.06	OL	W-309	0	Ditches
Osceola	391	61.94	61.96	Right	25	112	0.06	OL	W-309	0	Ditches
Osceola	392	61.98	62.00	Right	25	111	0.06	OL	W-309	0	Ditches
Osceola	393	62.02	62.04	Right	25	111	0.06	OL	W-309	0	Ditches
Osceola	394	62.06	62.16	Right	25	537	0.31	OL	W-309	0	Ditches
Osceola	395	62.18	62.20	Right	25	110	0.06	OL	W-309	0	Ditches
Osceola	396	62.22	62.24	Right	25	109	0.06	OL	W-309	0	Ditches
Osceola	397	62.26	62.28	Right	25	110	0.06	OL	W-309	0	Ditches
Osceola	398	62.30	62.32	Right	25	112	0.06	OL	W-309	0	Ditches
Osceola	399	62.34	62.36	Right	25	110	0.06	OL	W-309	0	Ditches
Osceola	400	62.39	62.40	Right	25	56	0.03	OL, FW	W-309	0	Ditches
Osceola	410	62.40	62.66	Right	6	1354	0.23	OL, ID	W-313	0	Ditches
Osceola	401	62.40	62.41	Right	25	49	0.03	OL	W-309	0	Ditches
Osceola	402	62.43	62.45	Right	25	100	0.06	OL	W-309	0	Ditches
Osceola	403	62.47	62.49	Right	25	99	0.06	OL	W-309	0	Ditches
Osceola	405	62.50	62.52	Right	50	100	0.11	OL	W-309	0	Road Crossing
Osceola	404	62.51	62.52	Right	25	54	0.03	OL	W-309	0	Road Crossing
Osceola	406	62.54	62.55	Right	25	72	0.04	OL	W-313	0	Ditches
Osceola	407	62.54	62.56	Right	50	100	0.11	OL	W-313	0	Road Crossing
Osceola	408	62.56	62.58	Right	25	99	0.06	OL	W-313	0	Ditches

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Osceola	409	62.61	62.62	Right	25	99	0.06	OL	W-313	0	Ditches
Osceola	411	62.65	62.66	Right	25	54	0.03	OL	W-313	0	Ditches
Osceola	430	62.66	66.24	Right	7	18915	4.18	OL, ID, FW	W-315	0	Extra workspace for Loss of Permanent Workspace
Osceola	412	62.66	62.66	Right	25	44	0.02	OL	W-313	0	Ditches
Osceola	413	62.69	62.70	Right	25	96	0.05	OL	W-313	0	Ditches
Osceola	414	62.73	62.74	Right	25	96	0.06	OL	W-313	0	Ditches
Osceola	415	62.77	62.79	Right	25	96	0.06	OL	W-313	0	Ditches
Osceola	416	63.19	63.20	Right	50	84	0.03	OL	W-312A	22	Ditches
Osceola	417	63.20	63.21	Right	50	84	0.09	OL	W-312A	0	Deep Ditch
Osceola	418	63.22	63.25	Right	75	150	0.18	OL	W-312A	0	Deep Ditch
Osceola	419	63.70	63.72	Right	75	100	0.17	OL			Turn Around and Access Road
Osceola	420	64.56	64.58	Right	100	100	0.17	OL			Turn Around and Access Road
Osceola	421	65.09	65.10	Right	50	55	0.03	OL			Road Crossing
Osceola	422	65.11	65.12	Right	25	50	0.03	OL			Road Crossing
Osceola	423	65.41	65.43	Right	25	111	0.06	OL	W-325	0	Ditch
Osceola	424	65.45	65.47	Right	25	110	0.06	OL	W-326	0	Ditch
Osceola	425	65.49	65.51	Right	25	108	0.06	OL	W-327	0	Ditch
Osceola	426	65.53	65.55	Right	25	132	0.08	OL	W-328	0	Ditch
Osceola	427	65.65	65.67	Right	25	107	0.06	OL	W-329	0	Ditch
Osceola	428	65.67	65.69	Right	50	100	0.06	OL, ID	W-330	47	Access Road
Osceola	429	65.69	65.71	Right	25	116	0.07	OL	W-331	0	Ditch
Osceola	431	66.73	66.75	Right	50	75	0.04	OL	W-341	48	Turn Around and Access Road
Osceola	432	66.75	66.75	Right	50	25	0.03	OL	W-341	23	Ditch

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities a/, b/**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <u>c/</u>		Area affected (acres) <u>d/</u>	Existing Land Use <u>e/</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <u>f/</u>	Justification
					Width (feet)	Length (feet)					
Osceola	433	66.76	66.77	Right	50	25	0.03	OL	W-341	25	Ditch
Osceola	434	66.77	66.78	Right	50	75	0.04	OL	W-341	50	Ditch
Osceola	435	67.01	67.03	Right	75	100	0.17	OL, ID			Turn Around and Access Road
Osceola	436	67.07	67.09	Right	50	25	0.06	OL	W-344	49	Ditch
Osceola	437	67.09	67.09	Right	50	25	0.03	OL	W-344	25	Ditch
Osceola	438	67.11	67.12	Right	50	25	0.03	OL	W-344	26	Ditch
Osceola	439	67.12	67.14	Right	25	99	0.06	OL			Ditch
Osceola	440	67.45	67.47	Right	25	75	0.04	OL	W-344	48	Ditch
Osceola	441	67.47	67.47	Right	25	25	0.03	OL	W-344	23	Ditch
Osceola	442	67.48	67.49	Right	25	25	0.03	OL	W-344	25	Ditch
Osceola	443	67.49	67.50	Right	25	75	0.04	OL	W-344	50	Ditch
Osceola	448	67.54	68.05	Right	14	2672	0.89	OL	W-349	0	Ditches
Osceola	444	67.56	67.60	Right	75	200	0.23	OL	W-348	28	Point of Inflection and Wetland Crossing
Osceola	445	67.93	67.95	Right	25	120	0.07	O;	W-350	0	Ditch
Osceola	446	67.97	67.99	Right	25	120	0.07	OL	W-350	0	Ditch
Osceola	447	68.01	68.03	Right	25	120	0.07	OL	W-350	0	Ditch
Osceola	449	68.05	68.07	Right	40	93	0.08	OL	W-350	0	Ditch
Osceola	451	68.07	68.08	Right	40	50	0.04	OL	W-350	1	Road Crossing
Osceola	450	68.07	68.08	Right	75	50	0.03	OL	W-350	3	Road Crossing
Osceola	452	68.08	68.09	Right	25	55	0.03	OL, ID	W-350	0	Road Crossing
Osceola	454	68.09	68.10	Right	25	50	0.03	OL	W-351	12	Road Crossing
Osceola	453	68.09	68.10	Right	75	50	0.04	OL	W-351	9	Road Crossing
Osceola	455	68.10	68.11	Right	40	88	0.08	OL	W-351	0	Ditch

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Osceola	472	68.11	69.20	Right	14	5710	1.84	OL	W-351	0	Ditches
Osceola	456	68.17	68.19	Right	75	108	0.06	OL	W-351	0	Ditch
Osceola	457	68.21	68.23	Right	25	107	0.06	OL	W-351	0	Ditch
Osceola	458	68.26	68.28	Right	25	107	0.06	OL	W-351	0	Ditch
Osceola	459	68.30	68.32	Right	25	108	0.06	OL	W-351	0	Ditch
Osceola	460	68.58	68.60	Right	25	108	0.06	OL	W-353	0	Ditch
Osceola	461	68.62	68.64	Right	25	109	0.06	OL	W-353	0	Ditch
Osceola	462	68.66	68.68	Right	25	109	0.06	OL	W-353	0	Ditch
Osceola	463	68.70	68.72	Right	25	107	0.06	OL	W-353	0	Ditch
Osceola	464	68.74	68.77	Right	25	162	0.09	OL	W-353	0	Ditch
Osceola	465	68.79	68.82	Right	25	112	0.06	OL	W-354	0	Ditch
Osceola	466	68.82	68.85	Right	25	155	0.09	OL	W-354	0	Ditch
Osceola	467	68.87	68.89	Right	25	110	0.06	OL	W-355	0	Ditch
Osceola	468	68.91	68.93	Right	25	108	0.06	OL	W-355	0	Ditch
Osceola	469	68.95	68.97	Right	25	114	0.07	OL	W-355	0	Ditch
Osceola	470	69.00	69.01	Right	25	103	0.06	OL	W-355	0	Ditch
Osceola	471	69.04	69.06	Right	25	102	0.06	OL	W-355	0	Ditch
Osceola	473	69.20	69.86	Right	23	3506	1.92	OL, FW	W-352	0	Extra workspace for Loss of Permanent Workspace
Osceola	479	70.07	71.57	Right	6	7898	1.11	FW, OL, ID	W-361	0	Extra workspace for Loss of Permanent Workspace
Osceola	474	70.12	70.21	Right	50	465	0.53	FW, OL	W-358	26	Wetland Crossing
Osceola	475	70.32	70.34	Right	75	100	0.17	OL, ID	W-358	48	Turn Around and Access Road
Osceola	476	71.12	71.15	Right	50	150	0.17	OL	WB-41	10	Waterbody Crossing
Osceola	477	71.17	71.20	Right	50	150	0.17	FW	WB-41	2	Waterbody Crossing

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities a/, b/**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <u>c/</u>		Area affected (acres) <u>d/</u>	Existing Land Use <u>e/</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <u>f/</u>	Justification
					Width (feet)	Length (feet)					
Osceola	478	71.42	71.44	Right	75	100	0.17	OL			Turn Around and Access Road
Osceola	480	71.57	71.98	Right	8	2185	0.41	OL, FW	W-362	0	Extra workspace for Loss of Permanent Workspace
Osceola	481	71.98	72.06	Right	50	455	0.52	OL, AG			Point of Inflection
Osceola	482	72.10	72.17	Right	50	348	0.40	AG, OL, OW	WB-43	0	Point of Inflection
Osceola	486	72.17	72.71	Right	15	2868	0.99	OL, OW, AG	WB-46	0	Extra workspace for Loss of Permanent Workspace
Osceola	483	72.35	72.36	Right	50	50	0.06	OL, OW, AG	WB-44	0	Waterbody Crossing
Osceola	484	72.53	72.54	Right	50	50	0.06	OL, OW	WB-45	0	Waterbody Crossing
Osceola	485	72.69	72.70	Right	50	50	0.06	AG, OW	WB-46	0	Waterbody Crossing
Osceola	487	72.78	72.81	Right	75	155	0.27	OL			Turn Around and Access Road
Osceola	488	72.81	72.84	Right	25	100	0.05	OL	W-366	44	Point of Inflection
Osceola	489	72.84	72.86	Right	25	100	0.06	OL, FW	W-365	0	Point of Inflection
Osceola	490	73.76	73.79	Right	50	150	0.17	FW	W-371	0	Deep Ditch
Osceola	491	73.80	73.80	Right	59	40	0.05	FW	WB-47	9	Deep Ditch
Osceola	492	73.80	73.82	Right	25	110	0.06	FW			Deep Ditch
Osceola & Okeechobee	507	73.80	77.39	Right	9	18921	3.98	FW, OL	W-388	0	Extra workspace for Loss of Permanent Workspace
Osceola	493	74.16	74.18	Right	50	100	0.11	FW			Turn Around and Access Road
Osceola	494	75.32	75.33	Left	25	75	0.04	OL	W-381	28	Access Road
Osceola	495	75.34	75.35	Left	25	75	0.04	OL	W-382	27	Access Road
Osceola	496	75.39	75.41	Right	75	100	0.17	FW, OL			Turn Around and Access Road
Osceola	497	75.52	75.55	Right	50	175	0.20	OL, FW	WB-48	15	Deep Ditch
Osceola	498	75.56	75.60	Right	50	175	0.21	OL, FW	WB-48	4	Deep Ditch
Osceola	499	76.15	76.17	Right	50	100	0.11	FW, OL			Road Crossing

Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Osceola	500	76.19	76.21	Right	50	100	0.12	FW, OL			Road Crossing
Osceola	501	76.22	76.24	Right	50	100	0.12	FW			Road Crossing
Osceola	502	76.81	76.83	Right	25	125	0.07	OL	W-391	41	Ditch
Osceola	503	76.89	76.91	Right	50	100	0.13	FW	W-392	0	Ditch
Osceola	504	76.92	76.93	Right	50	100	0.10	FW, OL	W-394	0	Ditch
Osceola	505	77.09	77.11	Right	50	150	0.16	FW			Road Crossing
Okeechobee	506	77.37	77.38	Left	25	50	0.03	OL	W-402	31	Access Road
Okeechobee	508	77.39	77.39	Left	25	45	0.03	OL	W-402	14	Access Road
Okeechobee	509	78.08	78.10	Right	50	101	0.10	OL, ID			Access Road
Okeechobee	510	78.10	78.12	Right	50	98	0.13	OL, ID			Access Road
Okeechobee	511	78.85	78.87	Right	25	100	0.06	OL	W-404	45	Ditch
Okeechobee	512	78.90	78.92	Right	25	100	0.06	OL			Ditch
Okeechobee	513	79.09	79.11	Right	75	100	0.17	OL			Turn Around and Access Road
Okeechobee	514	79.42	79.45	Right	50	171	0.18	OL	WB-52	9	Deep Ditch
Okeechobee	515	79.46	79.49	Right	50	150	0.18	OL	W-407	0	Deep Ditch
Okeechobee	516	79.59	79.74	Right	6	777	0.11	OL	W-410	0	Extra workspace for Loss of Permanent Workspace
Okeechobee	517	79.94	79.94	Right	25	100	0.06	OL			Access Road and Ditch
Okeechobee	518	79.98	80.00	Right	25	100	0.06	OL	W-415	47	Access Road and Ditch
Okeechobee	519	80.29	81.06	Right	9	4043	0.86	OL, FW	W-420	0	Extra workspace for Loss of Permanent Workspace
Okeechobee	520	81.63	81.66	Right	50	148	0.14	FW	W-424	0	Deep Ditch
Okeechobee	521	81.67	81.70	Right	50	139	0.19	FW	W-425	0	Deep Ditch
Okeechobee	522	81.70	81.79	Right	8	473	0.09	FW	W-425	0	Extra workspace for Loss of Permanent Workspace
Okeechobee	523	82.05	82.07	Right	50	126	0.13	OL	W-427	0	Road Crossing

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Okeechobee	524	82.08	82.09	Right	75	42	0.10	AG	W-427	29	Road Crossing
Okeechobee	525	82.09	82.11	Right	50	125	0.14	AG			Road Crossing
Okeechobee	526	82.47	82.50	Right	50	150	0.17	FW			Access Road
Okeechobee	527	82.50	82.53	Right	50	150	0.17	FW			Access Road
Okeechobee	528	82.56	82.58	Left	25	100	0.06	FW	W-431	37	Access Road
Okeechobee	529	82.67	82.69	Right	50	151	0.17	FW	W-432	0	Deep Ditch
Okeechobee	530	82.70	82.73	Right	50	151	0.17	FW	W-433	0	Deep Ditch
Okeechobee	531	82.81	82.83	Right	75	100	0.17	OL			Turn Around and Access Road
Okeechobee	533	83.35	83.43	Left	50	450	0.51	OL, AG	W-435	6	Bore and Soil Storage
Okeechobee	532	83.42	83.43	Right	25	70	0.04	AG, ID			Road Crossing
Okeechobee	535	83.43	83.47	Right	25	193	0.11	OL	W-438	21	Road Crossing and Wetland
Okeechobee	534	83.44	83.46	Left	25	125	0.08	OL			Road Crossing and Wetland
Okeechobee	536	83.62	83.64	Right	75	100	0.17	OL			Turn Around and Access Road
Okeechobee	537	84.15	84.16	Right	25	49	0.03	OL			Road Crossing
Okeechobee	538	84.16	84.20	Right	25	49	0.24	OL, FW, ID	W-442	0	Road Crossing
Okeechobee	539	84.20	84.21	Right	25	75	0.04	OL			Ditch
Okeechobee	541	84.27	84.31	Right	100	200	0.46	OL			HDD Workspace
Okeechobee	540	84.27	84.31	Left	50	200	0.23	FW, OL	W-445	0	HDD Workspace
Okeechobee	543	84.53	84.56	Right	20	200	0.23	FW			HDD Workspace
Okeechobee	542	84.53	84.56	Left	50	200	0.23	FW, OL	W-449	0	HDD Workspace
Okeechobee	544	84.63	84.66	Left	50	150	0.18	FW, OL, ID			Road Crossing
Okeechobee	546	84.66	84.75	Left	50	476	0.54	ID			Point of Inflection, Access Road, Turnaround
Okeechobee	547	84.66	84.76	Right	50	448	0.57	ID			Point of Inflection

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities *a/*, *b/***

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <i>c/</i>		Area affected (acres) <i>d/</i>	Existing Land Use <i>e/</i>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <i>f/</i>	Justification
					Width (feet)	Length (feet)					
Okeechobee	545	84.67	84.70	Left	50	253	0.26	ID			Point of Inflection
Okeechobee	549	84.75	84.78	Left	50	114	0.10	ID			Point of Inflection
Okeechobee	548	84.76	84.76	Right	30	58	0.03	ID			Point of Inflection
Okeechobee	550	84.78	84.80	Left	25	140	0.08	ID			Road Crossing
Okeechobee	551	84.81	84.88	Left	25	365	0.20	ID, OL			Road Crossing and Spoil Storage
Okeechobee	553	84.88	84.94	Left	50	322	0.34	ID, OL, FW			Point of Inflection and Road Crossing
Okeechobee	552	84.88	84.89	Right	40	113	0.10	ID, FW, RE			Point of Inflection
Okeechobee	554	84.94	84.96	Left	50	117	0.13	ID	W-450	2	Road Crossing
Okeechobee	555	85.63	85.67	Right	50	200	0.21	FW	W-454	0	Point of Inflection
Okeechobee	556	85.92	85.97	Left	50	200	0.21	FW			Point of Inflection
Okeechobee	557	85.98	86.00	Right	50	100	0.10	FW			Road Crossing
Okeechobee	558	86.01	86.03	Right	50	100	0.13	FW			Road Crossing
Okeechobee	559	86.13	86.18	Right	50	236	0.26	FW			Point of Inflection and Road Crossing
Okeechobee	560	86.18	86.21	Right	50	100	0.10	FW			Road Crossing
Okeechobee	561	86.23	86.23	Right	25	50	0.03	FW			Road Crossing
Okeechobee	562	86.24	86.25	Right	25	50	0.03	FW			Road Crossing
Okeechobee	563	86.41	86.43	Right	50	100	0.12	ID			Road Crossing
Okeechobee	564	86.43	86.47	Right	50	301	0.40	ID, RE			Point of Inflection and Road Crossing
Okeechobee	565	86.50	86.53	Left	50	175	0.20	FW			Road Crossing
Okeechobee	566	86.62	86.65	Left	50	300	0.39	FW			Point of Inflection and Road Crossing
Okeechobee	567	86.67	86.70	Right	50	300	0.40	OL, FW			Point of Inflection and Road Crossing
Okeechobee	568	86.99	87.02	Right	50	150	0.17	FW	W-455	0	Deep Ditch

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities *a/*, *b/***

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <i>c/</i>		Area affected (acres) <i>d/</i>	Existing Land Use <i>e/</i>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <i>f/</i>	Justification
					Width (feet)	Length (feet)					
Okeechobee	569	87.03	87.06	Right	50	150	0.17	FW	W-456	0	Deep Ditch
Okeechobee	570	87.21	87.24	Right	50	150	0.19	OL	W-457	0	Access Road
Okeechobee	571	87.25	87.28	Right	50	157	0.16	OL			Access Road
Okeechobee	572	88.38	88.47	Right	50	335	0.34	FW, OL			Point of Inflection
Okeechobee	573	89.48	89.51	Right	50	300	0.39	OL			Point of Inflection
Okeechobee	574	89.53	89.54	Left	175	50	0.20	OL			Bore Pullback
Okeechobee	575	89.54	89.56	Left	76	130	0.22	OL			Road Crossing
Okeechobee	576	89.71	89.73	Left	50	100	0.11	OL, ID			Road Crossing
Okeechobee	577	89.74	89.75	Left	50	100	0.11	OL			Road Crossing
Okeechobee	578	90.49	90.56	Left	50	200	0.18	OL			Point of Inflection
Okeechobee	579	90.74	90.77	Right	50	150	0.17	FW, OL	W-466	0	Wetland Crossing
Okeechobee	580	90.77	90.79	Left	25	150	0.09	FW, OL	W-465	0	Point of Inflection
Okeechobee	581	90.84	90.86	Right	50	100	0.13	OL			Road Crossing
Okeechobee	582	90.86	90.87	Right	50	100	0.11	OL			Road Crossing
Okeechobee	583	91.48	91.54	Left	50	310	0.41	OL	W-471	0	Point of Inflection and Road Crossing
Okeechobee	584	91.70	91.72	Right	25	100	0.06	OL			Road and Access Road crossing
Okeechobee	585	91.84	91.86	Right	25	100	0.05	OL			Road and Access Road crossing
Okeechobee	586	91.85	91.87	Left	25	100	0.06	OL			Road and Access Road crossing
Okeechobee	587	91.87	91.89	Right	25	100	0.06	OL			Road Crossing
Okeechobee	588	91.88	91.90	Left	25	100	0.05	OL			Road Crossing
Okeechobee	589	92.13	92.16	Left	25	200	0.11	OL			Road Crossing
Okeechobee	590	92.18	92.22	Right	25	200	0.11	OL			Road Crossing
Okeechobee	591	92.62	92.64	Left	75	100	0.17	FW			Turn Around

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities a/, b/**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <u>c/</u>		Area affected (acres) <u>d/</u>	Existing Land Use <u>e/</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <u>f/</u>	Justification
					Width (feet)	Length (feet)					
Okeechobee	592	93.17	93.22	Right	50	300	0.34	OL			Waterbody Crossing
Okeechobee	593	93.41	93.46	Right	50	250	0.27	OL			Point of Inflection and Access Road
Okeechobee	594	93.50	93.51	Right	25	50	0.03	OL			Road Crossing
Okeechobee	595	93.51	93.52	Right	25	50	0.03	OL	W-480A	11	Road Crossing
Okeechobee	596	93.78	93.82	Left	50	200	0.21	FW	W-480A	0	Point of Inflection
Okeechobee	597	94.22	94.28	Right	50	300	0.37	FW, OL	W-480B	0	Point of Inflection
Okeechobee	598	94.57	94.60	Right	50	104	0.11	OL			Road Crossing
Okeechobee	599	94.58	94.61	Left	50	206	0.20	FW, OL, ID			Point of Inflection and Road Crossing
Okeechobee	601	94.60	94.65	Right	50	269	0.32	ID, OL			Road Crossing
Okeechobee	600	94.61	94.63	Left	25	95	0.05	ID, OL	W-482	0	Road Crossing
Okeechobee	602	94.67	94.71	Left	50	300	0.38	OL			Point of Inflection and Road Crossing
Okeechobee	603	95.00	95.02	Left	75	100	0.17	OL			Turnaround
Okeechobee	604	95.95	96.03	Left	50	400	0.46	OL			Point of Inflection
Okeechobee	605	96.37	96.39	Left	75	100	0.18	OL			Turn Around
Okeechobee	606	96.82	96.84	Left	75	100	0.17	OL			Turn Around
Okeechobee	607	97.19	97.21	Left	25	100	0.06	OL	W-493	50	Wetland Crossing
Okeechobee	608	97.23	97.25	Left	25	100	0.06	OL	W-493	48	Wetland Crossing
Okeechobee	609	97.30	97.32	Left	75	100	0.17	OL			Turn Around
Okeechobee	610	97.96	98.00	Left	50	175	0.30	OL			Turnaround
Okeechobee	612	98.54	98.57	Left	75	200	0.34	OL	W-495	0	HDD Workspace
Okeechobee	611	98.54	98.57	Right	25	200	0.11	OL	W-495	0	HDD Workspace
Okeechobee	613	98.57	98.59	Right	75	75	0.13	OL, FW	W-495	0	HDD and Access
Okeechobee	614	98.83	98.87	Right	25	200	0.11	OL	W-496G	50	HDD Workspace

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Okeechobee	615	98.83	98.87	Left	125	200	0.57	OL	W-496G	22	HDD Workspace
Okeechobee	616	98.92	98.94	Right	25	100	0.05	OL	W-497	32	Road Crossing
Okeechobee	617	98.93	98.94	Left	75	75	0.04	OL			Road Crossing
Okeechobee	618	98.94	98.95	Left	75	46	0.04	OL	W-497	43	Road Crossing
Okeechobee	619	98.95	98.97	Right	25	100	0.06	OL	W-497	0	Wetland Crossing, Road Crossing
Okeechobee	620	98.96	98.97	Left	50	55	0.04	OL	W-497	9	Wetland Crossing, Road Crossing
Okeechobee	621	98.97	98.98	Left	50	75	0.04	OL	W-497	29	Wetland Crossing, Road Crossing
Okeechobee	622	99.49	99.50	Left	25	50	0.03	OL			Road Crossing
Okeechobee	623	99.50	99.52	Right	75	100	0.17	OL			Turnaround
Okeechobee	624	99.51	99.52	Left	25	50	0.03	OL			Road Crossing
Okeechobee	625	100.10	100.16	Left	50	250	0.25	OL	W-501	0	Point of Inflection and Road Crossing
Okeechobee	626	100.17	100.19	Left	25	171	0.10	OL	W-502	0	Point of Inflection and Road Crossing
Okeechobee	628	100.17	100.22	Right	50	232	0.21	OL	W-502	0	Point of Inflection and Road Crossing
Okeechobee	627	100.19	100.19	Left	25	171	0.03	OL	W-502	0	Point of Inflection and Road Crossing
Okeechobee	629	100.40	100.44	Right	25	200	0.11	OL, ID	W-504	0	Road Crossing
Okeechobee	630	101.27	101.32	Left	50	200	0.21	FW			Point of Inflection
Okeechobee	631	101.90	101.93	Right	25	125	0.07	FW	WB-66	4	Waterbody Crossing
Okeechobee	632	101.91	101.93	Left	100	99	0.23	FW	W-508-A1	22	Turnaround
Okeechobee	633	101.93	101.95	Left	50	91	0.05	FW	WB-66	36	Waterbody Crossing
Okeechobee	636	101.94	101.97	Right	25	125	0.07	FW	W-508B	0	Waterbody Crossing, Wetland Crossing
Okeechobee	634	101.95	101.95	Left	50	25	0.03	FW	WB-66	5	Waterbody Crossing
Okeechobee	635	101.96	101.97	Left	25	44	0.03	FW	W-508B	0	Waterbody Crossing, Wetland Crossing

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities *a/*, *b/***

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <i>c/</i>		Area affected (acres) <i>d/</i>	Existing Land Use <i>e/</i>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <i>f/</i>	Justification
					Width (feet)	Length (feet)					
Okeechobee	637	101.97	101.98	Left	25	49	0.06	FW	W-508B	0	Waterbody Crossing
Okeechobee	638	101.98	102.00	Left	25	118	0.07	FW	W-508B	0	Wetland Crossing
Okeechobee & St. Lucie	639	102.12	102.17	Left	50	300	0.36	FW, OL	W-508B	0	Point of Inflection
St. Lucie	640	103.16	103.18	Left	75	100	0.17	OL			Turn Around
St. Lucie	641	103.61	103.64	Right	25	200	0.11	OL			Turn Around and Access Road
St. Lucie	642	105.14	105.23	Left	25	484	0.28	OL, FW	W-531B	0	HDD Pullback
St. Lucie	644	105.39	105.43	Right	75	200	0.34	FW			HDD Workspace
St. Lucie	643	105.39	105.43	Left	50	200	0.23	FW	W-532A	47	HDD Workspace
St. Lucie	645	105.62	105.64	Right	75	133	0.23	OL			HDD Workspace
St. Lucie	647	105.64	105.68	Right	75	200	0.34	OL			HDD Workspace
St. Lucie	646	105.64	105.68	Left	25	200	0.11	OL			HDD Workspace
St. Lucie	648	105.96	105.97	Right	25	50	0.03	OL	W-534	38	Deep Ditch
St. Lucie	649	105.97	105.99	Right	50	100	0.11	OL	W-534	0	Deep Ditch
St. Lucie	650	106.00	106.00	Right	50	150	0.18	OL	W-534	0	Deep Ditch
St. Lucie	651	106.31	106.38	Right	50	300	0.33	FW			Point of Inflection, Waterbody, and Road Crossing
St. Lucie	652	106.53	106.54	Right	75	100	0.17	FW			Turnaround
St. Lucie	653	106.88	106.91	Right	50	150	0.17	OL			Wetland Crossing
St. Lucie	654	106.91	106.94	Right	75	148	0.28	OL, FW	W-535A	0	Wetland Crossing
St. Lucie	655	107.41	107.44	Right	50	269	0.28	FW, AG	W-535A	0	Access Road, Wetland and Point of Inflection
St. Lucie	656	107.44	107.49	Right	50	269	0.34	AG			Access Road, Wetland and Point of Inflection
St. Lucie	657	107.57	107.57	Right	50	37	0.04	AG	W-536D	25	Deep Ditch
St. Lucie	658	107.57	107.59	Right	75	59	0.07	AG	W-536D	2	Deep Ditch

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
St. Lucie	659	107.59	107.60	Right	75	57	0.07	AG	W-536D	13	Deep Ditch
St. Lucie	660	107.60	107.61	Right	50	36	0.04	AG	W-536D	45	Deep Ditch
St. Lucie	661	107.63	107.67	Right	25	234	0.11	AG, ID			Point of Inflection and Road Crossing
St. Lucie	662	107.64	107.67	Right	50	125	0.14	AG, ID			Point of Inflection and Road Crossing
St. Lucie	663	107.67	107.70	Right	25	161	0.09	RE, OL	W-537A	0	Road Crossing
St. Lucie	664	107.73	107.74	Right	25	33	0.04	RE	W-537B	6	Wetland Crossing
St. Lucie	665	107.74	107.75	Right	25	67	0.04	RE	W-537B	16	Wetland Crossing
St. Lucie	666	107.86	107.88	Right	25	100	0.06	RE	W-539A	40	Road Crossing
St. Lucie	667	107.88	107.89	Right	50	25	0.03	RE, OL	W-539A	0	Wetland Crossing
St. Lucie	668	107.92	107.92	Right	75	150	0.26	RE, FW	W-540A	0	Deep Ditches
St. Lucie	669	107.92	107.92	Right	50	25	0.03	RE			Wetland Crossing
St. Lucie	670	108.03	108.05	Right	25	100	0.06	OL			Road Crossing
St. Lucie	671	108.06	108.08	Right	25	100	0.06	OL			Road Crossing
St. Lucie	672	108.39	108.40	Right	25	100	0.06	RE			Road Crossing
St. Lucie	673	108.41	108.43	Right	25	61	0.03	RE	W-544A	47	Road Crossing
St. Lucie	674	108.43	108.43	Right	50	39	0.04	RE	W-544A	2	Wetland Crossing
St. Lucie	675	108.44	108.45	Right	50	40	0.05	RE	W-544A	10	Deep Ditch
St. Lucie	676	108.76	108.79	Right	50	150	0.17	OL	W-546A	49	Wetland Crossing
St. Lucie	677	108.84	108.87	Right	50	150	0.17	FW	W-546A	0	Wetland Crossing
St. Lucie	678	108.93	108.94	Right	50	76	0.09	FW	W-548A	44	Wetland Crossing
St. Lucie	679	108.94	109.01	Right	50	338	0.57	FW	W-548A	0	Point of Inflection
St. Lucie	680	109.01	109.03	Right	50	99	0.11	OL	W-548A	37	Point of Inflection
St. Lucie	681	109.04	109.05	Right	25	85	0.05	OL	W-548C	0	Deep Ditch

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
St. Lucie	682	109.06	109.06	Right	25	41	0.02	OL	W-548D	13	Deep Ditch
St. Lucie	683	109.22	109.23	Right	50	208	0.30	OL	W-549A	50	Point of Inflection
St. Lucie	684	109.23	109.23	Right	150	50	0.17	OL			Road Crossing, Point of Inflection
St. Lucie	685	109.23	109.24	Left	50	85	0.10	OL, FW	W-549A	0	Road Crossing, Point of Inflection, Wetland Crossing
St. Lucie	686	109.23	109.26	Right	75	142	0.24	OL, FW, ID	W-549A	0	Road Crossing
St. Lucie	687	109.27	109.31	Left	50	315	0.36	RE	W-550	50	Point of Inflection, Road Crossing
St. Lucie	688	109.34	109.37	Left	50	150	0.17	OL	W-550	43	Deep Ditch
St. Lucie	689	109.61	109.64	Left	50	150	0.17	OL	W-552	50	Deep Ditch
St. Lucie	690	109.67	109.70	Left	50	150	0.17	OL			Deep Ditch
St. Lucie	691	109.98	110.01	Left	50	150	0.17	OL			Deep Ditch
St. Lucie	692	110.03	110.06	Left	50	150	0.17	OL	W-554	45	Deep Ditch
St. Lucie	693	110.08	110.10	Left	25	99	0.05	OL			Road Crossing
St. Lucie	694	110.51	110.56	Left	50	300	0.37	FW	W-557	0	Point of Inflection
St. Lucie	695	110.70	110.70	Right	25	50	0.03	OL	W-559	0	Access Road
St. Lucie	696	110.88	110.89	Right	25	50	0.03	OL	W-559	0	Access Road
St. Lucie	697	111.35	111.37	Right	75	89	0.15	OL			Turnaround
St. Lucie	698	111.37	111.38	Right	25	54	0.03	OL			Access Road
St. Lucie	699	112.23	112.26	Right	50	150	0.17	FW	WB-77	6	Waterbody Crossing
St. Lucie	700	112.27	112.30	Right	50	150	0.17	OL	WB-77	18	Waterbody and Access Road
St. Lucie	701	112.42	112.45	Right	50	150	0.17	FW	W-565	4	Wetland
St. Lucie	702	112.50	112.55	Right	50	279	0.32	FW, OL	W-565	0	Wetland
St. Lucie	703	112.59	112.61	Right	50	150	0.17	OL	W-566	2	Wetland
St. Lucie	704	112.91	112.95	Right	50	300	0.40	FW, OL	W-562	0	Point of Inflection and Road Crossing

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
St. Lucie	705	112.91	112.95	Left	25	150	0.07	OL	W-562	0	Point of Inflection and Road Crossing
St. Lucie	706	112.97	112.98	Left	150	50	0.17	FW			Bore Pullback
St. Lucie	707	112.97	114.43	Left	50	7595	9.00	FW, OL, AG	W-572	0	Ditches and HDD Pullback
St. Lucie	709	114.38	114.43	Right	25	294	0.23	AG	W-571-A2	36	HDD Workspace
St. Lucie	708	114.38	114.43	Left	40	248	0.23	AG			HDD Workspace
Martin	712	114.83	114.99	Left	75	827	1.35	ID, AG	W-585	0	HDD Workspace
Martin	710	114.83	114.90	Right	50	500	0.61	AG			HDD Workspace
Martin	711	114.95	114.98	Right	50	150	0.17	AG	W-587	49	Deep Ditch and Road Crossing
Martin	713	114.98	115.01	Right	50	159	0.55	ID, OL, AG	W-587	0	Deep Ditch and Road Crossing
Martin	714	115.01	115.04	Left	50	175	0.20	ID, AG	W-587	17	Deep Ditch and Road Crossing
Martin	715	115.01	115.04	Right	50	150	0.17	AG	W-587-A02	24	Deep Ditch and Road Crossing
Martin	742	115.74	117.55	Right	50	9313	10.76	AG, OL	W-589	0	Deep Ditches
Martin	717	115.86	115.89	Right	25	122	0.07	AG, OL	W-589	0	Deep Ditch
Martin	716	115.86	115.89	Left	25	122	0.07	AG, OL	W-589	0	Deep Ditch
Martin	718	115.99	116.01	Right	25	121	0.07	AG, OL	W-590	0	Deep Ditch
Martin	719	115.99	116.01	Left	50	121	0.14	AG, OL	W-590	0	Deep Ditch
Martin	720	116.12	116.14	Right	25	125	0.07	AG, OL	W-591	0	Deep Ditch
Martin	721	116.12	116.14	Left	50	125	0.14	AG, OL	W-591	0	Deep Ditch
Martin	722	116.24	116.27	Right	25	123	0.07	AG, OL	W-592	0	Deep Ditch
Martin	723	116.24	116.27	Left	50	123	0.14	AG, OL	W-592	0	Deep Ditch
Martin	724	116.37	116.39	Right	25	124	0.07	AG, OL	W-593	0	Deep Ditch
Martin	725	116.37	116.39	Left	50	124	0.14	AG, OL	W-593	0	Deep Ditch
Martin	726	116.50	116.52	Right	25	129	0.07	AG, OL	W-594	0	Deep Ditch

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Martin	727	116.50	116.52	Left	50	129	0.15	AG, OL	W-594	0	Deep Ditch
Martin	728	116.63	116.65	Right	25	125	0.07	AG, OL	W-595	0	Deep Ditch
Martin	729	116.63	116.65	Left	50	125	0.14	AG, OL	W-595	0	Deep Ditch
Martin	730	116.75	116.78	Right	25	128	0.07	AG, OL	W-596	0	Deep Ditch
Martin	731	116.75	116.78	Left	50	128	0.15	AG, OL	W-596	0	Deep Ditch
Martin	732	116.88	116.90	Right	25	125	0.07	AG, OL	W-597	0	Deep Ditch
Martin	733	116.88	116.90	Left	50	125	0.14	AG, OL	W-597	0	Deep Ditch
Martin	735	117.01	117.03	Left	50	122	0.14	AG, OL	W-598	0	Deep Ditch
Martin	734	117.01	117.03	Right	25	122	0.07	AG, OL	W-598	0	Deep Ditch
Martin	736	117.13	117.16	Right	25	137	0.08	AG, OL	W-599	0	Deep Ditch
Martin	737	117.13	117.16	Left	25	137	0.08	AG, OL	W-599	0	Deep Ditch
Martin	738	117.27	117.29	Right	25	118	0.07	AG, OL	W-600	0	Deep Ditch
Martin	739	117.27	117.29	Left	25	118	0.07	AG, OL	W-600	0	Deep Ditch
Martin	741	117.40	117.42	Left	25	123	0.07	AG, OL	W-601	0	Deep Ditch
Martin	740	117.40	117.42	Right	25	123	0.07	AG, OL	W-601	0	Deep Ditch
Martin	743	117.53	117.55	Right	25	130	0.07	AG, OL	W-602	0	Deep Ditch
Martin	744	117.53	117.55	Left	25	130	0.07	AG, OL	W-602	0	Deep Ditch
Martin	745	118.19	118.22	Right	50	148	0.17	FW	WB-80A	21	Waterbody Crossing
Martin	746	118.23	118.26	Right	50	150	0.18	OL	WB-80A	23	Waterbody Crossing
Martin	747	118.58	118.61	Right	50	160	0.19	OL			Deep Ditch
Martin	749	118.63	118.73	Right	50	532	0.61	OL	W-609	50	Bore and Crossover
Martin	748	118.68	118.72	Left	50	250	0.29	OL			Bore and Crossover
Martin	750	118.72	118.74	Left	150	110	0.38	OL, FW, AG	W-609-A7	0	Road Crossing
Martin	751	118.76	118.78	Left	100	74	0.17	FW	W-609-A5	0	Access Road

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities ^{a/}, ^{b/}**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension ^{c/}		Area affected (acres) ^{d/}	Existing Land Use ^{e/}	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) ^{f/}	Justification
					Width (feet)	Length (feet)					
Martin	752	118.77	118.81	Left	50	250	0.29	FW	W-611	0	Road Crossing
Martin	753	118.77	118.81	Right	50	250	0.29	FW	W-611	0	Road Crossing
Martin	754	118.86	118.89	Right	50	150	0.18	FW	W-611	0	Deep Ditch
Martin	755	118.90	118.93	Right	50	150	0.17	AG	W-611	0	Deep Ditch and Point of Inflection
Martin	756	119.09	119.14	Right	25	250	0.14	AG			Road Crossing
Martin	757	119.72	119.73	Right	75	50	0.03	AG			Deep Ditch and Road Crossing
Martin	758	119.73	119.73	Right	75	42	0.05	AG	W-615	9	Deep Ditch and Road Crossing
Martin	759	119.73	119.75	Right	75	75	0.17	AG, OL	W-615	0	Deep Ditch and Road Crossing
Martin	760	119.99	120.06	Right	50	350	0.40	OL	W-616	0	Deep Ditch
Martin	761	120.10	120.19	Right	50	450	0.52	OL	W-616	0	Deep Ditch
Martin	762	120.26	120.26	Right	75	50	0.09	OL			Access Road
Martin	763	120.26	120.29	Right	100	120	0.28	OL			Access Road
Martin	764	120.29	120.31	Right	50	100	0.11	OL	W-617	50	Wetland Crossing
Martin	765	120.77	120.79	Right	75	125	0.26	OL	W-617	19	Turn Around and Access Road
Martin	766	121.03	121.06	Right	75	180	0.30	OL	W-621a	0	Wetland Crossing
Martin	767	121.07	121.11	Right	75	233	0.42	OL	W-621b	0	Wetland Crossing
Martin	768	121.66	121.68	Right	75	100	0.17	OL			Access Road
Martin	769	122.24	122.28	Right	25	190	0.11	OL	W-627	50	Access Road
Martin	770	122.73	122.76	Right	25	146	0.08	FW, OL	W-629	0	Access Road
Martin	771	122.98	123.20	Right	50	1134	1.30	FW, OL	W-635	0	HDD Pullback
Martin	773	123.20	123.61	Right	25	1995	1.24	OL, FW	W-638	0	HDD Pullback
Martin	772	123.46	123.49	Right	25	161	0.09	OL	W-638	0	HDD Pullback
Martin	774	123.61	123.66	Right	150	300	1.06	OL			HDD Workspace

Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities a/, b/

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <u>c/</u>		Area affected (acres) <u>d/</u>	Existing Land Use <u>e/</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <u>f/</u>	Justification
					Width (feet)	Length (feet)					
Martin	775	124.28	124.31	Left	80	250	0.46	ID, OL, AG	W-648	0	HDD Workspace
Martin	776	124.31	124.36	Left	80	250	0.47	AG			HDD Workspace
Martin	777	124.31	124.36	Right	70	250	0.40	AG			HDD Workspace
Martin	778	124.40	124.43	Right	50	150	0.17	AG	W-653	51	Deep Ditch
Martin	779	124.45	124.48	Right	50	150	0.17	AG	W-653	49	Deep Ditch
Martin	780	124.73	124.79	Left	50	200	0.17	AG			Point of Inflection
Martin	781	124.88	124.92	Left	35	175	0.14	AG	W-654a	50	Deep Ditch
Martin	782	124.94	124.97	Left	35	175	0.14	AG	W-654a	50	Deep Ditch
Martin	783	125.16	125.19	Left	35	175	0.14	AG, OL	W-654	50	Deep Ditch
Martin	784	125.22	125.25	Left	35	175	0.14	OL	W-654	51	Deep Ditch
Martin	785	125.29	125.31	Left	30	174	0.12	OL			Point of Inflection
Martin	787	125.29	125.34	Right	25	200	0.09	OL, FW	W-654	0	Road Crossing
Martin	786	125.31	125.31	Left	300	50	0.34	OL			Bore Pullback
Martin	790	125.31	125.45	Left	75	818	1.44	OL, FW, OW, ID	W-659	0	Deep Ditch, Road Crossing, Waterbody, Wetland
Martin	788	125.37	125.40	Right	25	151	0.09	OL	W-656	0	Road Crossing and Ditch
Martin	789	125.40	125.42	Right	75	75	0.13	OL, FW			Road Crossing and Point of Inflection
Martin	791	125.45	125.48	Left	50	200	0.23	FW			Point of Inflection and Deep Ditch
Martin	792	125.64	125.69	Left	50	200	0.21	FW			Point of Inflection
Martin	793	126.18	126.23	Left	50	80	0.11	FW	W-661	25	Point of Inflection
Martin	794	126.27	126.31	Right	50	200	0.17	FW			Point of Inflection
Martin	795	126.35	126.37	Right	25	150	0.10	ID			Point of Inflection

**Table 8.2-4
Location of ATWS along the FSC Pipeline Facilities a/, b/**

Facility, County	ATWS #	Start Milepost	End Milepost	Side of Work Area	Nominal Dimension <u>c/</u>		Area affected (acres) <u>d/</u>	Existing Land Use <u>e/</u>	Wetland or Waterbody within 50 feet	Distance from Wetland or Waterbody (feet) <u>f/</u>	Justification
					Width (feet)	Length (feet)					
<p><u>a/</u> FSC has requested a deviation from the Commission's Procedures in Resource Report 2 for the areas identified in the above table within 50 feet of a Wetland or Waterbody. Additional information on Wetlands is provided in Resource Report 2.</p> <p><u>b/</u> Areas of temporary workspace that are greater than 75 feet within a Wetland but do not include ATWS are not included in this table. They can be found in Table 2.3-4.</p> <p><u>c/</u> Several ATWS areas are irregularly shaped and are detailed on the FERC Alignments.</p> <p><u>d/</u> Area shown is the actual area of the ATWS shape, calculated using GIS software. Nominal length x width will only match this area if the ATWS is a perfect rectangle. If the shape is not a perfect rectangle, the nominal length x width will only give approximate area of the shape.</p> <p><u>e/</u> OL = Open Land (non-Agricultural), AG = Agricultural, FW = Forested/Woodland, ID = Industrial/Commercial, RE = Residential, OW = Open Water.</p> <p><u>f/</u> Distances provided for all ATWS locations within 50 feet of a wetland or waterbody.</p>											

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost <u>a/</u>	New or Existing	Proposed for Temporary or Permanent Use <u>b/</u>	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use <u>c/</u>	Proposed Improvement (Yes/No)	Construction Area (acres) <u>d/</u>	Operation Area (acres) <u>e/</u>	Justification
							Width (Feet)	Length (feet)						
Osceola	AR 1204	Unknown Road	0.2	Existing	TAR	Private	10	718	Dirt	ID, OL	Yes	0.17	0.00	Access to Highway CR 532 crossing and PI, (Bore/HD Bore, field bending, etc), maneuvering equipment & mobility etc.
Osceola	AR 1205	Unknown Road	0.2	Existing	TAR	Private	10	1,741	Dirt	ID, OL, FW	Yes	0.42	0.00	Access to workspace for PI's (field bending, etc), maneuvering equipment & mobility, etc.
Osceola & Polk	AR 1206	Unknown Road	0.6	Existing	TAR	Private	9	392	Dirt	ID, OL	Yes	0.08	0.00	Access to workspace for PI's (field bending, etc), maneuvering equipment & mobility, etc.
Osceola & Polk	AR 1454	Labor Camp Road	0.8	Existing	TAR	Public	20	1,006	Paved	ID	No	0.06	0.00	Access to workspaces for working on several PI's
Polk	AR 1456	Parker Road	1.1	Existing	TAR	Private	27	74	Paved	ID	No	0.01	0.00	Access to workspaces for working on several PI's
Polk	AR 1457	Parker Road	1.1	Existing	TAR	Private	20	921	Black Top	ID	No	0.02	0.00	Access to workspaces for working on several PI's
Polk	AR 1425	Unknown Road	1.2	Existing	TAR	Private	25	80	Paved	OL	No	0.01	0.00	Access to workspace within and adjacent to wetlands and adjacent to highway
Polk	AR 1426	Unknown Road	1.3	Existing	TAR	Private	10	56	Dirt	OL, ID	Yes	0.01	0.00	Access to workspace within and adjacent to wetlands and adjacent to highway
Polk	AR 1427	Driveway	1.4	Existing	TAR	Private	10	55	Dirt	OL, ID, RE	Yes	0.01	0.00	Access to workspace within and adjacent to wetlands and adjacent to highway
Polk	AR 1428	Driveway	1.4	Existing	TAR	Private	10	58	Dirt	OL, ID, RE	Yes	0.01	0.00	Access to workspace within and adjacent to wetlands and adjacent to highway
Polk	AR 1429	Driveway	1.5	Existing	TAR	Private	10	57	Dirt	OL, ID, RE	Yes	0.01	0.00	Access to workspace within and adjacent to wetlands and adjacent to highway
Polk	AR 1430	Driveway	1.5	Existing	TAR	Private	10	59	Dirt	OL, ID	Yes	0.01	0.00	Access to workspace within and adjacent to wetlands and adjacent to highway
Polk	AR 2256	Kinney Harmon Road	1.9	Existing	TAR	Public	24	272	Paved	ID	No	0.05	0.00	Access to pipeline crossing with Highway 17/92, several PI's, and a wetland area
Polk	AR 1432	Unknown Road	2.3	Existing	TAR	Private	25	74	Concrete	OL	No	0.01	0.00	Access to workspace within and adjacent to wetlands and adjacent to highway
Polk	AR 2257	Highway 17/92	2.8	Existing	TAR	Public	40	2,945	Paved	ID	No	0.05	0.00	Access to pipeline crossing with Highway 17/92, several PI's, and a wetland area
Polk	AR 1458	Unknown Road	3.4	Existing	TAR	Private	16	182	Paved	ID	No	0.02	0.00	Access to workspace that close or part of wetlands and right next to highway
Polk	AR 1459	Unknown Road	3.6	Existing	TAR	Private	14	79	Dirt	ID, OL, RE	Yes	0.01	0.00	Access to workspace from Highway 17/92
Polk	AR 1435	Unknown Road	3.7	Existing	TAR	Private	9	54	Gravel	OL, ID, RE	Yes	0.01	0.00	Access to workspace from Highway 17/92
Polk	AR 2258	Unknown Road	3.8	Existing	TAR	Private	20	53	Black Top	ID, OL	No	0.01	0.00	Access to workspace from Highway 17/92
Polk	AR 2259	Sunny Acres Road	4.1	Existing	TAR	Public	20	58	Dirt	ID	Yes	0.01	0.00	Access to workspace from Highway 17/92
Polk	AR 1436	Driveway	4.3	Existing	PAR	Private	10	58	Dirt	OL, ID	Yes	0.02	0.02	Access to MLV-001
Polk	AR 2261	Driveway	4.4	Existing	TAR	Private	10	94	Dirt	OL	Yes	0.02	0.00	Access to the Contractor Yard
Polk	AR 3054	Highway 17/92	4.4	Existing	TAR	Public	20	7,948	Black Top	ID	No	0.16	0.00	Access to the Contractor Yard

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost ^{a/}	New or Existing	Proposed for Temporary or Permanent Use ^{b/}	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use ^{c/}	Proposed Improvement (Yes/No)	Construction Area (acres) ^{d/}	Operation Area (acres) ^{e/}	Justification
							Width (Feet)	Length (feet)						
Polk	AR 2264	Unknown Road	4.4	Existing	TAR	Private	25	4,835	Paved	OL, ID	No	1.33	0.00	Access to the Contractor Yard
Polk	AR 1336	Unknown Road	6.2	Existing	TAR	Private	10	9,942	Grass	OL, ID, AG, FW	Yes	2.73	0.00	Access to the Contractor Yard
Polk	AR 11454	Unknown Road	6.2	Existing	TAR	Public	10	23,316	Dirt	FW, ID, OW, OL	Yes	6.41	0.00	Access to work space that are not part of wetland and access to other access road
Polk	AR 1207	Unknown Road	8.0	Existing	TAR	Private	10	7,065	Grass	ID, OL, FW, AG	Yes	1.93	0.00	Access to workspace / right-of-way
Polk	AR 1437	Unknown Road	9.0	Existing	TAR	Public	10	2,596	Dirt	OL, ID, FW	Yes	0.69	0.00	Access to workspace / right-of-way
Polk	AR 2266	Rooks Road	9.4	Existing	TAR	Public	20	410	Paved	OL	No	0.03	0.00	Access to workspace / right-of-way
Polk	AR 1209	Unknown Road	10.6	Existing	TAR	Public	10	5,739	Dirt	FW, ID, OL	Yes	1.57	0.00	Access to workspace / right-of-way
Polk	AR 1211	Baker Dairy Road	11.5	Existing	TAR	Public	20	10,667	Gravel	AG, ID, OL	Yes	2.93	0.00	Access to workspace / right-of-way
Polk	AR 13055	Baker Dairy Road	11.5	Existing	TAR	Public	25	2,510	Black Top	FW, ID, OL	No	0.17	0.00	Access along the permanent easement
Polk	AR 2268	Cypress Parkway	12.0	Existing	TAR	Public	20	144	Black Top	ID	No	0.04	0.00	Access to right-of-way, existing pipeline crossing, and ditch crossing
Polk	AR 2269	Kalogrids Road	12.0	Existing	TAR	Public	20	89	Paved	ID, OL, OW, RE	No	0.10	0.00	Access to right-of-way, existing pipeline crossing, and ditch crossing
Polk	AR 2269	Miss Mary Ann Road	12.0	Existing	TAR	Private	16	1,040	Paved	ID, OL, OW, RE	No	0.10	0.00	Access to right-of-way, existing pipeline crossing, and ditch crossing
Polk	AR 11054	Miss Sussy Lane	12.1	Existing	TAR	Private	10	492	Dirt	ID, OL	Yes	0.10	0.00	Access to work space, HDD entry
Polk	AR 1212	Miss Helen Road	12.2	Existing	TAR	Public	20	899	Gravel	ID	Yes	0.24	0.00	Access to right-of-way, workspace, PI
Polk	AR 1461	Driveway	12.5	Existing	TAR	Private	20	595	Dirt	ID, OL	Yes	0.16	0.00	Access to workspace where pipeline crosses ditches and on wetland area
Polk	AR 2271	Hinson Ave	12.6	Existing	TAR	Public	22	698	Paved	ID	No	0.05	0.00	Access to workspace / right-of-way
Polk	AR 1213	Unknown Road	12.9	Existing	TAR	Private	9	1,952	Dirt	ID, AG, OL	Yes	0.53	0.00	Access to workspace / right-of-way
Polk	AR 1463	Unknown Road	13.3	Existing	TAR	Private	10	2,473	Grass	ID, OL, AG, FW	Yes	0.68	0.00	Access to work space / right-of-way and PI
Polk	AR 1201	Driveway	13.7	Existing	TAR	Private	25	148	Dirt	OL	Yes	0.02	0.00	Access to workspace (entry & end road crossing)
Polk	AR 1337	Driveway	13.9	Existing	TAR	Private	20	80	Black Top	ID	No	0.01	0.00	Access to workspace / right-of-way
Polk	AR 1338	Driveway	14.0	Existing	TAR	Private	10	77	Dirt	AG, OL	Yes	0.02	0.00	Access to workspace / right-of-way
Polk	AR 1214	Unknown Road	14.1	Existing	TAR	Private	10	85	Dirt	ID, OL	Yes	0.02	0.00	Access to workspace / right-of-way
Polk	AR 1339	Unknown Road	14.1	Existing	TAR	Private	10	94	Gravel	ID, OL	Yes	0.02	0.00	Access to workspace / right-of-way
Polk	AR 2272	Marion Road	14.8	Existing	PAR	Public	24	203	Paved	ID	No	0.06	0.06	Access to MLV-002
Polk	AR 2273	Unknown Road	14.8	Existing	TAR	Private	10	58	Grass	AG	Yes	0.01	0.00	Access to workspace/ right-of-way and to other access road
Polk	AR 1216	Unknown Road	15.2	Existing	TAR	Private	10	82	Dirt	AG	Yes	0.02	0.00	Access to workspace / right-of-way

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost <u>a/</u>	New or Existing	Proposed for Temporary or Permanent Use <u>b/</u>	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use <u>c/</u>	Proposed Improvement (Yes/No)	Construction Area (acres) <u>d/</u>	Operation Area (acres) <u>e/</u>	Justification
							Width (Feet)	Length (feet)						
Polk	AR 1215	Unknown Road	15.5	Existing	TAR	Private	12	88	Dirt	AG	Yes	0.02	0.00	Access to workspace / right-of-way
Polk	AR 1217	Adams Nursery Road	15.9	Existing	TAR	Private	10	5,964	Dirt	AG, ID, OL	Yes	1.60	0.00	Access to workspace / right-of-way
Polk	AR 2274	Kokomo Road	16.3	Existing	TAR	Public	20	174	Paved	ID	No	0.04	0.00	Access to workspace / right-of-way
Polk	AR 1340	Unknown Road	16.3	Existing	TAR	Private	10	1,159	Dirt	ID, OL, RE	Yes	0.22	0.00	Access to workspace / right-of-way
Polk	AR 1340	Unknown Road	16.5	Existing	TAR	Private	10	77	Dirt	ID, OL, RE	Yes	0.22	0.00	Access to workspace / right-of-way
Polk	AR 1341	Unknown Road	16.7	Existing	TAR	Private	10	1,271	Dirt	ID, AG	Yes	0.31	0.00	Access to workspace / right-of-way
Polk	AR 2275	Water Tank Road	16.8	Existing	TAR	Public	20	216	Paved	ID	No	0.01	0.00	Access to workspace / right-of-way
Polk	AR 2276	Lake Hatchineha Road	17.3	Existing	TAR	Public	26	276	Paved	ID	No	0.06	0.00	Access to work space / right-of-way and to other access road
Polk	AR 12263	Unknown Road	17.6	Existing	TAR	Private	10	100	Dirt	OL	Yes	0.01	0.00	Access to workspace / right-of-way
Polk	AR 12256	Unknown Road	17.7	Existing	TAR	Private	10	300	Dirt	ID, OL	Yes	0.05	0.00	Access to workspace / right-of-way and to other access road, PI
Polk	AR 1342	Unknown Road	18.1	Existing	TAR	Private	10	4,259	Dirt	ID, AG, OL	Yes	0.82	0.00	Access to workspace / right-of-way, PI's
Polk	AR 1219	Unknown Road and Bagley Road	18.4	Existing	TAR	Private	20	1,513	Dirt	AG, ID, OL	Yes	0.38	0.00	Access to workspace / right-of-way
Polk	AR 1345	Unknown Road	18.8	Existing	TAR	Private	10	312	Dirt	RE	Yes	0.07	0.00	Access to workspace / right-of-way
Polk	AR 1344	Unknown Road	18.9	Existing	TAR	Private	8	260	Dirt	RE, OL	Yes	1.02	0.00	Access to workspace / right-of-way
Polk	AR 1220	Unknown Road	18.9	Existing	TAR	Private	10	907	Dirt	RE, OL	Yes	0.24	0.00	Access to open area for logistic
Polk	AR 1344	Unknown Road	19.5	Existing	TAR	Private	10	3,504	Dirt	RE, OL	Yes	1.02	0.00	Access to workspace / right-of-way
Polk	AR 1221	Unknown Road	19.7	Existing	TAR	Private	10	1,604	Dirt	RE, OL, ID	Yes	0.44	0.00	Access to open area for logistic
Polk	AR 1222	Unknown Road	19.9	Existing	TAR	Private	10	1,329	Dirt	AG, ID	Yes	0.31	0.00	Access to workspace / right-of-way
Polk	AR 2280	Canal Road	20.6	Existing	TAR	Public	22	144	Paved	ID	No	0.01	0.00	Access to workspace / right-of-way
Polk	AR 2281	Tindel Camp Road	22.1	Existing	TAR	Public	30	209	Paved	ID	No	0.03	0.00	Access to workspace / right-of-way and PI
Polk	AR 2283	Unknown Road	23.1	Existing	TAR	Private	22	48	Paved	AG	No	0.00	0.00	Access to workspace / right-of-way and road crossing
Polk	AR 2282	CR 17	23.9	Existing	TAR	Public	25	242	Paved	ID	No	0.01	0.00	Access to workspace / right-of-way and road crossing
Polk	AR 1346	Unknown Road	24.4	Existing	TAR	Private	10	3,890	Dirt	AG, ID	Yes	1.05	0.00	Access to workspace / right-of-way
Polk	AR 1324	Unknown Road	24.9	Existing	TAR	Private	10	11,643	Grass	OL, AG, ID	Yes	3.19	0.00	Access to workspace / right-of-way and PI
Polk	AR 1347	Unknown Road	26.7	Existing	TAR	Private	10	60	Dirt	FW, ID	Yes	0.01	0.00	Access to workspace / right-of-way and PI

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost <u>a/</u>	New or Existing	Proposed for Temporary or Permanent Use <u>b/</u>	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use <u>c/</u>	Proposed Improvement (Yes/No)	Construction Area (acres) <u>d/</u>	Operation Area (acres) <u>e/</u>	Justification
							Width (Feet)	Length (feet)						
Polk	AR 1348	Hidden Hammock Road	26.7	Existing	TAR	Private	13	47	Paved	OL, ID	No	0.01	0.00	Access to workspace / right-of-way and PI
Polk	AR 1349	Unknown Road	26.8	Existing	TAR	Private	8	46	Paved	AG	No	0.01	0.00	Access to workspace / right-of-way
Polk	AR 1350	Unknown Road	27.0	Existing	TAR	Private	22	58	Paved	ID,OL	No	0.00	0.00	Total impact 0.02 acres within pipeline right-of-way. Access to workspace / right-of-way and PI
Polk	AR 1351	Unknown Road	27.2	Existing	PAR	Private	8	45	Dirt	OL	Yes	0.01	0.01	Access to MLV-003
Polk	AR 1352	Driveway	27.5	Existing	TAR	Private	10	143	Paved	OL, AG, ID	No	0.03	0.00	Access to the Lake Wales Contractor yard
Polk	AR 3456	CR 17	27.5	Existing	TAR	Public	20	19,300	Black Top	ID	No	0.02	0.00	Access to the Lake Wales Contractor yard
Polk	AR 2284	Mammoth Grove Road	27.7	Existing	TAR	Public	20	283	Paved	ID	No	0.05	0.00	Access to workspace / right-of-way and crossing of Mammoth Grove Road
Polk	AR 1354	Unknown Road	27.9	Existing	TAR	Private	10	36	Dirt	ID, OL	Yes	0.00	0.00	Access to workspace / right-of-way
Polk	AR 1355	Unknown Road	28.1	Existing	TAR	Private	10	41	Dirt	ID, AG	Yes	0.01	0.00	Access to workspace / right-of-way
Polk	AR 1353	Bassett Road	28.2	Existing	TAR	Public	16	2,330	Dirt	ID	Yes	0.63	0.00	Access to workspace / right-of-way
Polk	AR 1353	Unknown Road	28.2	Existing	TAR	Private	10	78	Dirt	ID	Yes	0.63	0.00	Access to workspace / right-of-way and to several PI's
Polk	AR 1438	Unknown Road	29.0	Existing	TAR	Private	10	99	Dirt	ID, FW	Yes	0.01	0.00	Access to work space / right-of-way
Polk	AR 2285	Capps Road	29.0	Existing	TAR	Public	20	335	Paved	ID	No	0.08	0.00	Access to workspace / right-of-way and other road
Polk	AR 2286	Stokes Road	29.7	Existing	TAR	Public	20	195	Paved	ID, OL	No	0.03	0.00	Access to workspace / right-of-way and PI
Polk	AR 9456	Unknown Road	30.0	Existing	TAR	Private	10	50	Dirt	ID	Yes	0.01	0.00	Access to workspace / right-of-way
Polk	AR 9457	Driveway	30.1	Existing	TAR	Private	15	38	Dirt	ID, RE	Yes	0.00	0.00	Access to workspace / right-of-way
Polk	AR 9458	Driveway	30.3	Existing	TAR	Private	15	50	Dirt	ID	Yes	0.01	0.00	Access to workspace / right-of-way
Polk	AR 9459	Driveway	31.1	Existing	TAR	Private	10	60	Dirt	ID, RE	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 9460	Story Road	31.3	Existing	TAR	Public	30	46	Paved	ID	No	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1445	Unknown Road	31.6	Existing	TAR	Private	10	122	Dirt	ID	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 2287	Highway 60	31.8	Existing	TAR	Public	20	460	Paved	ID, OL	No	0.08	0.00	Access to workspace / right-of-way, several PI's, and SR 60 road crossing
Polk	AR 2288	Saint Anne Shrine Road	32.8	Existing	TAR	Public	20	311	Paved	ID	No	0.02	0.00	Access to workspace / right-of-way and PI
Polk	AR 2289	Rattle Snake Road	33.1	Existing	TAR	Public	20	366	Paved	ID	No	0.02	0.00	Access to workspace / right-of-way and to road crossing, Rattle Snake Road
Polk	AR 1356	Unknown Road	33.3	Existing	TAR	Private	10	139	Dirt	ID, OL	Yes	0.02	0.00	Access to workspace / right-of-way from Park Lane
Polk	AR 1225	Church Road	33.8	Existing	TAR	Private	10	977	Dirt	AG, ID, OL, RE	Yes	0.26	0.00	Access to workspace / right-of-way and PI, from SR 60
Polk	AR 2290	Golden Bough Road	34.0	Existing	PAR	Public	20	334	Paved	ID	No	0.06	0.06	Access to MLV-004 and road crossing, Golden Bough Road

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost <u>a/</u>	New or Existing	Proposed for Temporary or Permanent Use <u>b/</u>	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use <u>c/</u>	Proposed Improvement (Yes/No)	Construction Area (acres) <u>d/</u>	Operation Area (acres) <u>e/</u>	Justification
							Width (Feet)	Length (feet)						
Polk	AR 1357	Access Road	34.3	Existing	TAR	Private	12	406	Grass	ID, OL, FW, RE	Yes	0.09	0.00	Access to workspace / right-of-way, ditch crossing and SR 60 crossing, and to several PI's
Polk	AR 2291	Highway 60	34.3	Existing	TAR	Public	29	252	Paved	ID	No	0.04	0.00	Access to work space / right-of-way, ditch crossing and SR 60 crossing, and to several PI's
Polk	AR 1226	Access Road	34.4	Existing	TAR	Private	10	183	Grass	ID, AG	Yes	0.03	0.00	Access to workspace / right-of-way, ditch crossing and SR 60 crossing, and to several PI's
Polk	AR 2292	Breen Road	34.7	Existing	TAR	Public	10	89	Dirt	ID	Yes	0.02	0.00	Access to workspace / right-of-ay from SR 60, and for crossing of Breen Road
Polk	AR 2293	Orion Lane	34.9	Existing	TAR	Private	10	89	Dirt	ID, AG, OL	Yes	0.02	0.00	Access to workspace / right-of-way from SR 60, and for crossing of Orion Lane
Polk	AR 1358	Unknown Road	35.2	Existing	TAR	Private	20	81	Black Top	ID	No	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 2294	Boy Scout Camp Road	35.4	Existing	TAR	Public	20	356	Paved	ID	No	0.04	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1359	Unknown Road	35.7	Existing	TAR	Private	20	80	Black Top	OL, RE	No	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1360	Unknown Road	35.8	Existing	TAR	Private	20	80	Black Top	OL, ID	No	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1361	Unknown Road	36.0	Existing	TAR	Private	20	79	Black Top	OL, ID	No	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1362	Unknown Road	36.2	Existing	TAR	Private	20	80	Black Top	FW, ID	No	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 2295	R J Keen Road	36.4	Existing	TAR	Private	12	79	Paved	ID	No	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1363	Driveway	36.7	Existing	TAR	Private	20	79	Black Top	ID	No	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1365	Unknown Road	37.3	Existing	TAR	Private	20	73	Black Top	ID	No	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1366	Unknown Road	37.5	Existing	TAR	Private	20	74	Dirt	ID	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1367	Unknown Road	37.8	Existing	TAR	Private	10	85	Dirt	OL	Yes	0.02	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1368	Driveway	38.0	Existing	TAR	Private	20	86	Black Top	ID, RE	No	0.02	0.00	Access to workspace / right-of-way from SR 60, and ditch crossing
Polk	AR 1227	Driveway	38.0	Existing	TAR	Private	20	78	Dirt	OL, ID	Yes	0.02	0.00	Access to workspace / right-of-way from SR 60, and ditch crossing
Polk	AR 1369	Driveway	38.2	Existing	TAR	Private	20	74	Black Top	ID, RE	No	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1370	Unknown Road	38.4	Existing	TAR	Private	10	133	Dirt	ID, RE, FW, OL	Yes	0.03	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1228	Unknown Road	38.4	Existing	TAR	Private	12	97	Dirt	OL, ID, FW	Yes	0.02	0.00	Access to HDD entry workspace
Polk	AR 2297	Access Road	38.5	Existing	TAR	Private	10	80	Grass	ID, OL, FW	Yes	0.02	0.00	Access to HDD entry workspace

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost ^{a/}	New or Existing	Proposed for Temporary or Permanent Use ^{b/}	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use ^{c/}	Proposed Improvement (Yes/No)	Construction Area (acres) ^{d/}	Operation Area (acres) ^{e/}	Justification
							Width (Feet)	Length (feet)						
Polk	AR 2296	Unknown Road	38.5	Existing	TAR	Private	10	80	Grass	ID, OL, FW	Yes	0.02	0.00	Access to workspace for waterbody crossings
Polk	AR 1371	Unknown Road	38.8	Existing	TAR	Private	12	76	Dirt	OL	Yes	0.01	0.00	Access to HDD exit work space
Polk	AR 1372	Unknown Road	39.1	Existing	TAR	Private	30	75	Dirt	OL	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 2298	Tiger Lake Road	39.3	Existing	TAR	Public	20	82	Paved	ID	No	0.01	0.00	Access to workspace / right-of-way from SR 60 and for road crossing
Polk	AR 1229	Unknown Road	39.8	Existing	TAR	Private	12	73	Dirt	RE, ID	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Polk	AR 1230	Unknown Road	40.4	Existing	TAR	Private	10	152	Dirt	ID, OL, OW	Yes	0.03	0.00	Access to workspace / right-of-way, and PI, from SR 60
Polk	AR 2299	Sam Keen Road	41.0	Existing	TAR	Public	20	563	Paved	ID	No	0.04	0.00	Access to workspace / right-of-way, for ditch and Sam Keen Road crossings
Polk	AR 1232	Access Road	41.7	Existing	TAR	Private	10	738	Grass	ID, OL	Yes	0.19	0.00	Access to workspace / right-of-way
Polk	AR 1234	Access Road	42.3	Existing	TAR	Private	10	1,505	Grass	FW, OW, OL	Yes	0.32	0.00	Access to workspace / right-of-way and wetland area
Polk	AR 1235	Access Road	42.5	Existing	TAR	Private	10	640	Grass	FW, ID, OL	Yes	0.17	0.00	Access to work space / right-of-way and wetland area
Polk	AR 1236	Access Road	42.6	Existing	TAR	Private	10	585	Grass	FW, OW, OL	Yes	0.16	0.00	Access to workspace / right-of-way and to PI
Polk	AR 1375	Access Road	43.3	Existing	TAR	Private	31	87	Concrete	OL, ID	No	0.02	0.00	Access to workspace / right-of-way
Polk	AR 1239	Kissimmee Shores Road	43.4	Existing	TAR	Public	10	14,756	Grass	FW, ID, OL	Yes	4.71	0.00	Access to workspace / right-of-way, and ditch crossing
Polk	AR 1376	Unknown Road	44.0	Existing	PAR	Private	20	94	Black Top	OL, ID	No	0.04	0.04	Access to MLV-005
Polk	AR 1237	Access Road	44.5	Existing	TAR	Public	10	2,587	Grass	ID, OL	Yes	0.69	0.00	Access to workspace / right-of-way
Polk	AR 1238	Access Road	45.3	Existing	TAR	Public	10	2,662	Grass	ID, OL	Yes	0.71	0.00	Access to workspace / right-of-way and to PI
Polk	AR 1239	Access Road	46.4	Existing	TAR	Public	10	2,588	Grass	FW, ID, OL	Yes	4.71	0.00	Access to workspace / right-of-way
Polk	AR 1241	Kissimmee Shores Road	47.4	Existing	TAR	Public	10	8,621	Grass	ID, OL	Yes	2.36	0.00	Access to workspace / right-of-way
Polk	AR 1203	Access Road	50.3	Existing	TAR	Private	10	46	Grass	ID	Yes	0.01	0.00	Access to work space / right-of-way and to PI from SR 60
Polk	AR 1444	Grape Hammock Road	51.5	Existing	TAR	Public	21	411	Paved	ID	No	0.04	0.00	Access to workspace for ditch crossing and Grape Hammock Road crossing
Osceola	AR 10254	Unknown Road	53.7	Existing	PAR	Private	15	709	Dirt	FW, ID, OL	Yes	0.30	0.30	Access to MLV-006 and HDD entry
Osceola	AR 13057	Access Road	53.9	Existing	TAR	Private	15	87	Black Top	ID	No	0.02	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1443	Access Road	54.7	Existing	TAR	Private	10	57	Grass	OL, ID	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1377	Access Road	55.1	Existing	TAR	Private	10	53	Grass	OL	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1378	Unknown Road	55.6	Existing	TAR	Private	40	52	Dirt	OL	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost <u>a/</u>	New or Existing	Proposed for Temporary or Permanent Use <u>b/</u>	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use <u>c/</u>	Proposed Improvement (Yes/No)	Construction Area (acres) <u>d/</u>	Operation Area (acres) <u>e/</u>	Justification
							Width (Feet)	Length (feet)						
Osceola	AR 1328	Unknown Road	56.0	Existing	TAR	Private	30	56	Gravel	ID	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1379	AR3473	58.1	Existing	TAR	Private	10	60	Dirt	ID	Yes	0.01	0.00	Access to workspace / right-of-way and HDD entry from SR 60
Osceola	AR 1380	Unknown Road	58.8	Existing	TAR	Private	10	62	Dirt	OL	Yes	0.01	0.00	Access to workspace / right-of-way and HDD exit from SR 60
Osceola	AR 1381	Unknown Road	60.6	Existing	TAR	Private	15	65	Dirt	OL	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1382	Unknown Road	61.8	Existing	TAR	Private	14	67	Gravel	OL, ID	Yes	0.01	0.00	Access to workspace for ditch crossing and Unknown Road crossing
Osceola	AR 1383	Unknown Road	62.5	Existing	TAR	Private	14	58	Gravel	ID	Yes	0.01	0.00	Access to workspace for Unknown Road crossing
Osceola	AR 1384	Unknown Road	63.7	Existing	TAR	Private	14	55	Dirt	ID, OL	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 2304	Unknown Road	64.6	Existing	TAR	Private	14	52	Dirt	OL	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1385	Unknown Road	65.1	Existing	TAR	Private	10	53	Grass	ID	Yes	0.01	0.00	Access to workspace for ditch crossing and Unknown Road crossing
Osceola	AR 1386	Unknown Road	65.7	Existing	TAR	Private	10	54	Grass	OL, ID	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1387	Unknown Road	66.7	Existing	TAR	Private	10	90	Grass	ID	Yes	0.02	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1388	Unknown Road	67.0	Existing	TAR	Private	10	134	Dirt	ID	Yes	0.03	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1389	Unknown Road	67.5	Existing	TAR	Private	10	75	Dirt	OL	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1390	Unknown Road	68.1	Existing	TAR	Private	10	56	Dirt	ID	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 2307	Unknown Road	69.5	New	TAR	Private	10	75	N/A	OL, ID	Yes	0.02	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 1391	Unknown Road	70.3	Existing	PAR	Private	10	59	DIRT	ID, OL	Yes	0.02	0.02	Access to MLV-007
Osceola	AR 2308	Unknown Road	71.4	Existing	TAR	Private	10	94	Dirt	OL	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 5058	Unknown Road	71.8	Existing	TAR	Private	10	124	Dirt	ID	Yes	1.91	0.00	Access to the Contractor yard
Osceola	AR 1392	Unknown Road	72.0	Existing	TAR	Private	14	69	Gravel	OL	Yes	0.01	0.00	Access to the workspace / right-of-way, and to PI
Osceola	AR 1393	Unknown Road	72.6	Existing	TAR	Private	10	64	Dirt	OL, ID	Yes	0.01	0.00	Access to workspace / right-of-way from SR 60
Osceola	AR 3476	Highway 60	72.8	Existing	TAR	Public	20	789	Black Top	ID, OL	No	0.02	0.00	Access to the Yeehaw Junction Staging Area & Contractor yard
Osceola	AR 1394	Unknown Road	72.8	Existing	TAR	Private	10	134	Dirt	OL, ID	Yes	0.03	0.00	Access to Yeehaw Junction Staging Area & Contractor yard
Osceola	AR 5057	Highway 441	72.8	Existing	TAR	Public	20	6,919	Black Top	ID	No	0.04	0.00	Access to Yeehaw Junction Staging Area & Contractor yard
Osceola	AR 1395	Unknown Road	74.2	Existing	TAR	Private	10	126	Dirt	OL, ID, FW	Yes	0.03	0.00	Access to workspace / right-of-way from Highway 441

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost <u>a/</u>	New or Existing	Proposed for Temporary or Permanent Use <u>b/</u>	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use <u>c/</u>	Proposed Improvement (Yes/No)	Construction Area (acres) <u>d/</u>	Operation Area (acres) <u>e/</u>	Justification
							Width (Feet)	Length (feet)						
Osceola	AR 1396	Unknown Road	75.3	Existing	TAR	Private	10	113	Dirt	OL	Yes	0.02	0.00	Access to workspace / right-of-way from Highway 441
Osceola	AR 1397	Unknown Road	76.2	Existing	TAR	Private	10	111	Dirt	OL	Yes	0.02	0.00	Access to workspace / right-of-way from Highway 441
Osceola	AR 1398	Unknown Road	77.1	Existing	TAR	Public	12	110	Gravel	OL, ID, FW	Yes	0.02	0.00	Access to the Pipe Yard from Highway 441
Okeechobee	AR 1243	Unknown Road	77.1	Existing	PAR	Private	10	116	Gravel	ID, RE	Yes	0.05	0.05	Access to the Pipe Yard and Receiver / Launcher (MP 77.1), from Highway 441
Okeechobee	AR 1399	Unknown Road	77.2	Existing	TAR	Private	10	179	Gravel	RE	Yes	0.04	0.00	Access to the Pipe Yard from Highway 441
Okeechobee	AR 3500	Unknown Road	77.3	Existing	TAR	Private	10	123	Dirt	ID, OL	Yes	0.03	0.00	Access to the Pipe Yard from Highway 441
Okeechobee	AR 1400	Unknown Road	77.4	Existing	TAR	Private	10	106	Gravel	ID, OL	Yes	0.02	0.00	Access to the Pipe Yard from Highway 441
Okeechobee	AR 1325	Unknown Road	78.1	Existing	TAR	Private	12	113	Dirt	ID	Yes	0.02	0.00	Access to workspace / right-of-way from Highway 441
Okeechobee	AR 1401	Unknown Road	79.1	Existing	TAR	Private	16	107	Gravel	OL	Yes	0.02	0.00	Access to workspace / right-of-way from Highway 441
Okeechobee	AR 1244	Unknown Road	80.0	Existing	TAR	Private	16	162	Dirt	ID, OL	Yes	0.04	0.00	Access road to workspace / right-of-way, ditch crossing and PI, from Highway 441
Okeechobee	AR 2654	NW 364th Road	82.1	Existing	TAR	Public	15	129	Paved	ID	No	0.02	0.00	Access to workspace / right-of-way, and road crossing of NW 364th Road
Okeechobee	AR 1402	Unknown Road	82.5	Existing	TAR	Private	10	107	Dirt	OL, FW, ID	Yes	0.02	0.00	Access to workspace / right-of-way from Highway 441
Okeechobee	AR 1403	Unknown Road	82.6	Existing	TAR	Private	16	103	Dirt	OL, FW, ID	Yes	0.02	0.00	Access to workspace / right-of-way from Highway 441
Okeechobee	AR 1404	Unknown Road	82.8	Existing	TAR	Private	12	108	Dirt	OL, ID	Yes	0.02	0.00	Access to workspace / right-of-way from Highway 441
Okeechobee	AR 1405	Unknown Road	83.6	Existing	TAR	Private	10	107	Dirt	OL	Yes	0.02	0.00	Access to workspace / right-of-way from Highway 441
Okeechobee	AR 1406	Unknown Road	83.8	Existing	TAR	Private	20	107	Dirt	OL, AG	Yes	0.02	0.00	Access to workspace / right-of-way from Highway 441
Okeechobee	AR 12255	Unknown Road	84.2	Existing	TAR	Private	15	126	Paved	ID, OL	No	0.02	0.00	Access to HDD exit workspace
Okeechobee	AR 1854	Unknown Road	84.4	Existing	TAR	Public	10	116	Dirt	ID, OL	Yes	0.03	0.00	Access to right-of-way
Okeechobee	AR 1407	Unknown Road	84.7	Existing	TAR	Public	20	109	Black Top	ID	No	0.02	0.00	Access to HDD entry workspace, and to PI
Okeechobee	AR 1408	Unknown Road	84.7	Existing	TAR	Private	20	309	Black Top	ID	No	0.06	0.00	Access to workspace / right-of-way and to PI from Highway 441
Okeechobee	AR 1855	325th Trail	84.9	Existing	TAR	Public	20	62	Black Top	ID	No	0.01	0.00	Access to workspace / right-of-way, to PI, road crossing with 325th Trail, from Highway 441
Okeechobee	AR 1410	Unknown Road	85.0	Existing	TAR	Private	10	112	Dirt	ID	Yes	0.01	0.00	Access to workspace / right-of-way from Highway 441 (15th St. Highway)
Okeechobee	AR 1411	Unknown Road	85.0	Existing	TAR	Private	12	108	Dirt	ID, OL	Yes	0.02	0.00	Access to workspace / right-of-way from Highway 441 (15th St Highway)
Okeechobee	AR 1412	Unnamed Road	85.1	Existing	TAR	Private	30	282	Dirt	FW, OL	Yes	0.06	0.00	Access to workspace / right-of-way from Highway 441 (15th St Highway)
Okeechobee	AR 1412	Unnamed Road	85.1	Existing	TAR	Private	30	59	Dirt	FW, OL	Yes	0.06	0.00	Access road to work space/ROW from Highway 441 (15th St Highway)

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost <u>a/</u>	New or Existing	Proposed for Temporary or Permanent Use <u>b/</u>	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use <u>c/</u>	Proposed Improvement (Yes/No)	Construction Area (acres) <u>d/</u>	Operation Area (acres) <u>e/</u>	Justification
							Width (Feet)	Length (feet)						
Okeechobee	AR 1246	Unknown Road	86.0	Existing	TAR	Private	10	515	Gravel	ID, FW	Yes	0.14	0.00	Access road to workspace / right-of-way and to PI from Highway 441 (15th St Highway)
Okeechobee	AR 1413	Unknown Road	86.2	Existing	TAR	Private	12	41	Gravel	ID, OL	Yes	0.01	0.00	Access to workspace / right-of-way and to PI from Highway 441
Okeechobee	AR 1414	Unknown Road	86.2	Existing	TAR	Private	10	78	Dirt	ID, OL, FW	Yes	0.02	0.00	Access to workspace / right-of-way and to PI from Highway 441
Okeechobee	AR 1415	Driveway	86.4	Existing	TAR	Private	30	37	Gravel	ID	Yes	0.00	0.00	Access to workspace / right-of-way and to PI from Highway 441
Okeechobee	AR 1418	Unknown Road	87.2	Existing	PAR	Private	10	53	Dirt	ID, OL	Yes	0.02	0.02	Access to MLV-008
Okeechobee	AR 1419	Unknown Road	89.7	Existing	TAR	Private	16	67	Gravel	ID	Yes	0.01	0.00	Access road to workspace / right-of-way and to PI from NE 48th Ave
Okeechobee	AR 1420	Unknown Road	90.5	Existing	TAR	Private	10	104	Dirt	ID, OL	Yes	0.02	0.00	Access to workspace / right-of-way and to PI from NE 48th Ave
Okeechobee	AR 1247	Unknown Road	91.7	Existing	TAR	Private	10	7,994	GRASS	ID, OP	Yes	2.09	0.00	Access road to workspace / right-of-way, and to PI
Okeechobee	AR 1250	Unknown Road	91.9	Existing	TAR	Private	12	2,145	Dirt	OL	Yes	0.50	0.00	Access to workspace / right-of-way and to PI from Unknown Road
Okeechobee	AR 1249	Unknown Road	92.6	Existing	TAR	Private	10	1,012	Dirt	FW, ID, OL	Yes	2.80	0.00	Access road to workspace / right-of-way and to PI from Unknown Road
Okeechobee	AR 1249	Unknown Road	93.4	Existing	TAR	Private	12	9,384	Dirt	FW, ID, OL	Yes	2.80	0.00	Access road to workspace / right-of-way and to PI from Unknown Road
Okeechobee	AR 1248	Unknown Road	93.5	Existing	TAR	Private	10	4,020	Dirt	FW, ID, OL	Yes	1.08	0.00	Access to workspace / right-of-way from Unknown Road
Okeechobee	AR 1421	Unknown Road	94.3	Existing	TAR	Private	10	118	Dirt	ID, OL	Yes	0.01	0.00	Access to workspace / right-of-way and to PI from Unknown Road
Okeechobee	AR 1422	Unknown Road	94.6	Existing	TAR	Private	15	253	Dirt	ID	Yes	0.01	0.00	Access road to MLV-009, workspace, and PI
Okeechobee	AR 1251	Unknown Road	94.7	Existing	PAR	Private	20	7,188	Dirt	OL, ID	Yes	3.54	3.54	Access to MLV-009, workspace, and PI
Okeechobee	AR 1252	Unknown Road	95.0	Existing	TAR	Private	12	101	Dirt	OL, ID	Yes	0.02	0.00	Access to workspace / right-of-way from Unknown Road
Okeechobee	AR 1253	Unknown Road	95.5	Existing	TAR	Private	12	49	Dirt	OL, ID	Yes	0.01	0.00	Access to workspace / right-of-way and PI from Unknown Road
Okeechobee	AR 1257	Private Road	96.0	Existing	TAR	Private	9	11,936	Dirt	OL, ID, FW	Yes	3.29	0.00	Access to workspace / right-of-way and PI from Unknown Road (AR 1257)
Okeechobee	AR 1254	Private Road	96.4	Existing	TAR	Private	12	48	Grass	OL, ID	Yes	0.01	0.00	Access to workspace / right-of-way and PI from Unknown Road (AR 1257)
Okeechobee	AR 1256	Private Road	96.8	Existing	TAR	Private	12	46	Grass	OL, ID	Yes	0.01	0.00	Access to workspace / right-of-way and PI from Unknown Road (AR 1257)
Okeechobee	AR 1258	Private Road	97.3	Existing	TAR	Private	12	52	Grass	OL, ID	Yes	0.01	0.00	Access to workspace / right-of-way and PI from Unknown Road (AR 1257)
Okeechobee	AR 1260	Private Road	98.0	Existing	TAR	Private	12	153	Grass	OL, ID	Yes	0.07	0.00	Access road to workspace / right-of-way and PI from Unknown Road (AR 1257)
Okeechobee	AR 1262	Private Road	98.6	Existing	TAR	Private	10	3,842	Grass	FW, OL, ID	Yes	1.06	0.00	Access to HDD exit workspace
Okeechobee	AR 1331	Unknown Road	98.6	Existing	TAR	Private	15	2,297	Grass	OL, ID	Yes	0.61	0.00	Access to HDD exit workspace
Okeechobee	AR 1263	Private Road	99.0	Existing	TAR	Private	11	1,743	Grass	OL, ID	Yes	0.46	0.00	Access to HDD entry workspace

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost ^{a/}	New or Existing	Proposed for Temporary or Permanent Use ^{b/}	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use ^{c/}	Proposed Improvement (Yes/No)	Construction Area (acres) ^{d/}	Operation Area (acres) ^{e/}	Justification
							Width (Feet)	Length (feet)						
Okeechobee	AR 1265	Private Road	99.5	Existing	TAR	Private	10	517	Dirt	OL, ID	Yes	0.12	0.00	Access to workspace / right-of-way, and PI from AR 1263
Okeechobee & St. Lucie	AR 1269	Unknown Road	100.7	Existing	TAR	Private	11	23,106	Dirt	OL, ID	Yes	6.37	0.00	Access to AR 1267 from Highway 70
Okeechobee	AR 1267	Unnamed Road	100.8	Existing	TAR	Private	11	10,657	DIRT	FW, OL, ID	YES	2.82	0.00	Access to workspace / right-of-way, PI and ditch crossing
Okeechobee & St. Lucie	AR 1270	Unknown Road	101.9	Existing	TAR	Private	14	1,384	Grass	OL, FW	Yes	0.32	0.00	Access to workspace / right-of-way, and to AR 1270 from Unnamed road
Okeechobee & St. Lucie	AR 1322	Unknown Road	102.7	Existing	TAR	Private	12	12,655	Dirt	OL, FW, ID	Yes	3.26	0.00	Access to workspace / right-of-way, and to AR 1270 from Unnamed road
St. Lucie	AR 1330	Private Road	103.2	Existing	TAR	Private	12	893	Grass	OL	Yes	0.24	0.00	Access to workspace / right-of-way
St. Lucie	AR 1272	Unknown Road	103.6	Existing	TAR	Private	11	10,383	Dirt	ID, FW, OL	Yes	2.80	0.00	Access to workspace / right-of-way and ditch crossing, alternative access to HDD exit close to Highway 70
St. Lucie	AR 1452	Unknown Road	106.5	Existing	TAR	Private	10	158	Dirt	ID, FW	Yes	0.04	0.00	Alternative access to HDD entry close to Highway 70
St. Lucie	AR 1424	Unknown Road	107.5	Existing	TAR	Private	12	123	Grass	ID, AG	Yes	0.03	0.00	Access to workspace / right-of-way, and PI, from Bluefield Road
St. Lucie	AR 1332	Unknown Road	108.9	Existing	TAR	Private	20	21,580	Dirt	AG, FW, OL, ID	Yes	5.93	0.00	Access to workspace from private road
St. Lucie	AR 12655	Bluefield Road	110.1	Existing	PAR	Private	15	74	Black Top	OL, ID	No	0.03	0.03	Access to MLV-10
St. Lucie	AR 1277	Private Road	110.7	Existing	TAR	Private	12	589	Grass	ID, OL	Yes	0.15	0.00	Access to workspace / right-of-way
St. Lucie	AR 1279	Private Road	110.9	Existing	TAR	Private	12	483	Grass	ID, OL	Yes	0.12	0.00	Access to workspace / right-of-way
St. Lucie	AR 1282	Private Road	111.4	Existing	TAR	Private	12	347	Grass	ID, OL	Yes	0.06	0.00	Access to workspace / right-of-way
St. Lucie	AR 1285	Unknown Road	111.8	Existing	TAR	Private	12	530	Grass	ID, OL	Yes	0.12	0.00	Access to workspace / right-of-way
St. Lucie	AR 1274	Bluefield Road & Private Road	112.3	Existing	TAR	Private	10	16,413	Grass	ID, FW, OL	Yes	4.45	0.00	Access to workspace / right-of-way
Martin & St. Lucie	AR 1288	Unknown Road	113.0	Existing	TAR	Private	10	10,870	Grass	ID, OL, AG	Yes	2.87	0.00	Access to HDD exit workspace, to AR 1292 and AR 1296
St. Lucie	AR 1289	Private Road	113.8	Existing	TAR	Private	10	109	Dirt	ID	Yes	0.00	0.00	Access to workspace / right-of-way
Martin	AR 1292	Unknown Road	114.7	Existing	TAR	Private	10	5,312	Grass	ID, OL	Yes	1.47	0.00	Access to workspace / right-of-way
Martin	AR 1293	Private Road	114.8	Existing	TAR	Private	10	229	Dirt	AG, OL	Yes	0.13	0.00	Access to right-of-way
Martin	AR 1293	Private Road	114.8	Existing	TAR	Private	10	230	Dirt	AG, OL	Yes	0.13	0.00	Access to right-of-way
Martin	AR 1296	Unknown Road	115.0	Existing	TAR	Private	10	14,832	Dirt	ID, AG, OL	Yes	4.00	0.00	Access to workspace / right-of-way and to AR 1297, and to AR 1303
Martin	AR 1297	Private Road	116.4	Existing	TAR	Private	20	4,002	Dirt	ID, AG	Yes	1.07	0.00	Access to workspace / right-of-way
Martin	AR 1299	Private Road	116.8	Existing	TAR	Private	20	3,992	Dirt	ID, AG	Yes	1.07	0.00	Access to workspace / right-of-way
Martin	AR 1300	Private Road	117.2	Existing	TAR	Private	10	3,982	Dirt	ID, AG	Yes	1.06	0.00	Access to workspace / right-of-way
Martin	AR 1301	Private Road	117.6	Existing	TAR	Private	19	3,981	Dirt	ID, OL	Yes	1.06	0.00	Access to workspace / right-of-way
Martin	AR 1303	Unknown Road	118.1	Existing	TAR	Private	10	3,541	Dirt	OL	Yes	0.93	0.00	Access to workspace / right-of-way and to AR 2659 and AR 2660

**Table 8.2-5
Proposed New, Improved, and Private Access Roads for the FSC Project**

County	Access Road ID	Road Name	Milepost <u>a/</u>	New or Existing	Proposed for Temporary or Permanent Use <u>b/</u>	Ownership / Management	Road Dimensions		Existing Surface	Existing Land Use <u>c/</u>	Proposed Improvement (Yes/No)	Construction Area (acres) <u>d/</u>	Operation Area (acres) <u>e/</u>	Justification
							Width (Feet)	Length (feet)						
Martin	AR 2659	Unknown Road	118.2	Existing	TAR	Private	10	89	Grass	OL	Yes	0.02	0.00	Access to workspace / right-of-way
Martin	AR 2660	Unknown Road	118.7	Existing	PAR	Private	9	994	Grass	AG, OL, ID	Yes	0.42	0.42	Access to MLV-011
Martin	AR 1335	Unknown Road	118.8	Existing	TAR	Private	9	5,225	Dirt	OL, ID	Yes	1.44	0.00	Access to workspace / right-of-way
Martin	AR 2661	Private Road	118.8	Existing	TAR	Private	11	830	Grass	FW, ID	Yes	0.19	0.00	Access to workspace / right-of-way
Martin	AR 1306	Private Road	119.1	Existing	TAR	Private	12	2,612	Grass	ID, AG, OL	Yes	0.69	0.00	Access to workspace / right-of-way
Martin	AR 1305	Unknown Road	119.7	Existing	TAR	Private	9	2,600	Dirt	OL, ID	Yes	0.68	0.00	Access to workspace / right-of-way
Martin	AR 1307	Private Road	120.3	Existing	TAR	Private	12	2,517	Grass	ID, OL	Yes	0.65	0.00	Access to workspace / right-of-way
Martin	AR 1310	Unknown Road	120.8	Existing	TAR	Private	10	9,878	Paved	ID, OL	No	2.64	0.00	Access to workspace / right-of-way, access to other access roads AR 1309, 1311, 1313, 1315
Martin	AR 1309	Private Road	121.3	Existing	TAR	Private	12	2,468	Grass	ID, OL	Yes	0.67	0.00	Access to workspace / right-of-way
Martin	AR 1311	Private Road	122.2	Existing	TAR	Private	15	5,594	Grass	OL	Yes	1.53	0.00	Access to workspace / right-of-way
Martin	AR 1313	Private Road	122.7	Existing	TAR	Private	12	4,140	Grass	OL	Yes	1.12	0.00	Access to workspace / right-of-way
Martin	AR 1315	Private Road	123.2	Existing	TAR	Private	12	1,171	Grass	OL	Yes	0.30	0.00	Access to HDD exit
Martin	AR 7858	Private Road	123.6	Existing	TAR	Private	10	1,266	Dirt	OL	Yes	0.29	0.00	Access to HDD exit
Martin	AR 1314	Private Road	123.9	Existing	TAR	Private	15	6,369	Grass	OL	Yes	1.76	0.00	Access to workspace / right-of-way
Martin	AR 2662	SW Buckthorn Ave	124.3	Existing	TAR	Public	10	2,874	Dirt	OL, ID, AG	Yes	0.77	0.00	Access to the Contractor yard
Martin	AR 1333	SW Amaryliss Ave	124.3	Existing	TAR	Public	24	2,680	Dirt	OL, ID	Yes	0.74	0.00	Access to HDD Entry
Martin	AR 8654	SW Amaryliss Ave	124.3	Existing	TAR	Public	15	490	Dirt	AG, ID, OL	Yes	0.14	0.00	Access to the Contractor yard
Martin	AR 2663	Private Road	125.4	Existing	TAR	Private	35	7,404	Paved	OL, ID	No	1.99	0.00	Access to Martin Pipe Storage Yard
Martin	AR 1441	Private Road	126.2	Existing	TAR	Private	12	442	Grass	OL, ID, FW	Yes	0.11	0.00	Access to Martin Pipe Storage Yard
Martin	AR 3494	Private Road	126.4	Existing	PAR	Private	14	499	Gravel	ID, OL	Yes	0.26	0.26	Access to Martin Pipe Storage Yard
Martin	AR 12656	Unknown Road	126.4	Existing	PAR	Private	20	1,004	Dirt	ID	Yes	0.47	0.47	Access to Martin Pipe Storage Yard / Martin Meter Station

a/ Approximate MP rounded to the nearest tenth.

b/ TAR=Temporary Access Road, PAR=Permanent Access Road.

c/ OL = Open Land (non-agricultural), AG = Agricultural, FW = Forested/Woodland, ID = Industrial/Commercial, RE = Residential, OW = Open Water.

d/ Construction acres = the length of the access road x a 12 foot width for TARs or a 22 foot width for PARs. Construction acres include overlap with pipeline right-of-way and other aboveground facilities.

e/ Operation acres = the length of the access road x a 22 foot width for PARs.

**Table 8.2-6
Contractor/Pipe Storage Yard Land Requirements for the FSC Project**

County	Yard Name	Approximate Distance and Direction from Nearest Milepost <u>a/</u>	Construction Area (acres)	Existing Land Use Type <u>b/</u>
Polk	Contractor Yard	1.3 miles southwest of MP 4.4	12.76	ID
Polk	Lake Wales Contractor Yard	2.9 miles west of MP 25.7	7.53	OL
Osceola	Contractor Yard	0.9 mile north of MP 71.9	112.89	OL, FW
Osceola	Yeehaw Junction Staging Area	114 feet east of MP 72.8	4.31	OL, FW, ID
Okeechobee	Pipe Storage Yard	0 feet west of MP 77.1	22.01	RE, OL, ID
Martin	Contractor Yard	325 feet southwest of MP 124.7	41.63	OL, FW, ID
Martin	Martin Pipe Storage Yard	0.1 mile south of MP 126.4	26.99	OL, FW, ID
Project Total			228.12	

a/ Approximate MP along the proposed pipeline rounded to the nearest tenth.
b/ OL = Open Land (non-agricultural), FW = Forested/Woodland, ID = Industrial/Commercial, RE = Residential. Where present, open water areas within yard boundaries will be fenced and avoided during construction; therefore, open water area is not included in the construction area for yards.

**Table 8.2-7
FSC Project Aboveground Facilities Existing Land Uses**

Facility Type, Facility	County	Existing or New	Leased or Owned	Existing Land Uses <u>a/</u>	Predominant Land Use <u>b/</u>	Existing Property Size (acres) <u>c/</u>	Construction Requirements (acres) <u>d/</u>	New Land Requirements (acres) <u>e/</u>
Meter Station								
Martin Meter Station	Martin	New	Easement	ID	ID	0.00	0.92	0.92
Additional Aboveground Facilities <u>f/</u>								
MLV / Launcher Site (MP 0.0)	Osceola	New	Easement	OL	OL	0.00	0.00	0.18
MLV #1	Polk	New	Easement	OL	OL	0.00	0.04	0.04
MLV #2	Polk	New	Easement	OL	OL	0.00	0.04	0.04
MLV #3	Polk	New	Easement	AG	AG	0.00	0.04	0.04
MLV #4	Polk	New	Easement	AG	AG	0.00	0.04	0.04
MLV #5	Polk	New	Easement	OL	OL	0.00	0.04	0.04
MLV #6	Osceola	New	Easement	OL	OL	0.00	0.04	0.04
MLV #7	Osceola	New	Easement	OL, ID	OL	0.00	0.04	0.04
Receiver / Launcher Site (MP 77.1)	Okeechobee	New	Easement	RE	RE	0.00	0.26	0.26
MLV #8	Okeechobee	New	Easement	OL	OL	0.00	0.04	0.04
MLV #9	Okeechobee	New	Easement	OL	OL	0.00	0.04	0.04
MLV #10	St. Lucie	New	Easement	OL	OL	0.00	0.04	0.04
MLV #11	Martin	New	Easement	OL	OL	0.00	0.04	0.04
MLV / Receiver Site (MP 126.4)	Martin	New	Easement	ID	ID	0.00	0.00	0.00
<p><u>a/</u> Land uses include those within 0.25 mile buffer area. OL = Open Land (non-agricultural), ID = Industrial/Commercial, RE = Residential.</p> <p><u>b/</u> The predominant land uses at or within the existing facility sites are the present land use types.</p> <p><u>c/</u> 0.92 acres is required for construction and operation of the new meter station. The new meter station is located within the existing the FPL Martin Clean Energy Center property which consists of approximately 528 acres.</p> <p><u>d/</u> Includes temporary land disturbance during construction and temporary workspace areas.</p> <p><u>e/</u> Includes new land to be acquired through easement by FSC. New Land Requirements listed in Table 8.2-7 equate to the area of permanent disturbance for the facility. New land requirements for the MLV / Receiver at MP 126.4 are included in the new land requirements for the Martin Meter Station.</p> <p><u>f/</u> Additional Aboveground Facilities include MLVs and pig launcher/receiver facilities. The pig launcher and MLV at MP 0.0 are located within the boundary of the Sabal Trail Reunion Compressor Station site; therefore, construction requirements for the launcher and MLV at MP 0.0 are accounted for in the Sabal Trail draft ER [PF14-1-000]. The pig receiver and MLV at MP 126.4 are located within the boundaries of the Martin Meter Station; therefore, the construction requirements for the receiver and MLV at MP 126.4 is included in the construction requirements for the Martin Meter Station.</p>								

**Table 8.2-8
Land Use Types Affected by Aboveground Facilities of the FSC Project (acres)**

Facility Type, Facility	County	Milepost	Open Land <u>a/</u>		Agricultural <u>b/</u>		Forest/ Woodland <u>c/</u>		Industrial/ Commercial <u>d/</u>		Residential <u>e/</u>		Open Water <u>f/</u>		Project Total	
			Construction <u>g/</u>	Operation <u>h/</u>	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation
Meter Station																
Martin Meter Station	Martin	126.4	0.00	0.00	0.00	0.00	0.00	0.00	0.92	0.92	0.00	0.00	0.00	0.00	0.92	0.92
Additional Aboveground Facilities <u>i/</u>																
MLV / Launcher Site (MP 0.0)	Osceola	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MLV #1	Polk	4.3	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
MLV #2	Polk	14.8	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
MLV #3	Polk	27.2	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
MLV #4	Polk	34.0	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
MLV #5	Polk	44.0	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
MLV #6	Osceola	53.7	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
MLV #7	Osceola	70.3	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
Receiver / Launcher Site (MP 77.1)	Okeechobee	77.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.26	0.00	0.00	0.26	0.26
MLV #8	Okeechobee	87.2	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
MLV #9	Okeechobee	94.6	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
MLV #10	St. Lucie	110.0	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
MLV #11	Martin	118.7	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04

**Table 8.2-8
Land Use Types Affected by Aboveground Facilities of the FSC Project (acres)**

Facility Type, Facility	County	Milepost	Open Land <u>a/</u>		Agricultural <u>b/</u>		Forest/Woodland <u>c/</u>		Industrial/Commercial <u>d/</u>		Residential <u>e/</u>		Open Water <u>f/</u>		Project Total	
			Construction <u>g/</u>	Operation <u>h/</u>	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation	Construction	Operation
MLV / Reciever Site (MP 126.4)	Martin	126.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Project Total														1.62	1.62	

a/ Utility rights-of-way, open fields, vacant land, herbaceous and scrub uplands, non-forested lands, emergent wetland, scrub-shrub wetland, golf courses, and municipal land.
b/ Cultivated land and citrus groves.
c/ Upland and wetland forest and pine plantation.
d/ Manufacturing or industrial plants, paved areas, landfills, mines, quarries electric power or natural gas utility facilities; developed areas, roads, railroads and railroad yards, and commercial or retail facilities.
e/ Existing developed residential areas and planned residential developments. This may include large developments, low, medium, and high density residential neighborhoods, urban/suburban residential, multi-family residences, ethnic villages, residentially zoned areas that have been developed or short segments of the route at road crossings with homes near the route alignment
f/ Water crossings greater than 100 feet wide and streams visible on aerial photography but less than 100 feet in width.
g/ Construction acreage is based on the extent of permanent, temporary, and additional temporary workspace during construction.
h/ Operations acreage is based on the extent of the land that will be maintained during operation of the aboveground facilities.
i/ Aboveground facility land requirements do not overlap workspace requirements for the pipeline. The pig launcher and MLV at MP 0.0 are located within the boundary of the Sabal Trail Reunion Compressor Station site; therefore, land use affected for the launcher and MLV at MP 0.0 is accounted for in the Sabal Trail draft ER [PF14-1-000]. The pig receiver and ML V at MP 126.4 are located within the boundaries of the Martin Meter Station; therefore, the land use affected for the receiver and MLV at MP 126.4 is included in the land use affected for the Martin Meter Station. Facility access roads outside the boundaries of the facility will be included in the Access Roads impact table (Table 8.2-5), not the Aboveground Facilities impact table.

**Table 8.2-9
Agricultural Drain Tiles or Irrigation Systems along the FSC Pipeline Segments**

Facility, County	Approximate Milepost	Drain Type	Tract Number
Pipeline			
Polk	36.4	Irrigation Ditch	1381
	36.6	Irrigation Ditch	1381
	45.3	Irrigation Ditch	1479
	46.5	Irrigation Ditch	1481
	46.7	Irrigation Ditch	1481
	47.0	Irrigation Ditch	1482
	47.2	Irrigation Ditch	1482
	47.3	Irrigation Ditch	1482
	47.8	Irrigation Ditch	1482
	50.0	Irrigation Ditch	1484.25
	51.0	Irrigation Ditch	1484.26
	54.4	Irrigation Ditch	1484.26
	51.4	Irrigation Ditch	1484.26
	51.8	Irrigation Ditch	1484.26
Osceola	55.4	Irrigation Ditch	2003
	62.7-62.5	Irrigation Ditch	2026.1, 2027.1, 2027.2
	62.5-62.7	Irrigation Ditch	2027.2, 2027.1
	65.4	Irrigation Ditch	2031.1
	65.4	Irrigation Ditch	2031.1
	65.4	Irrigation Ditch	2031.1
	65.5	Irrigation Ditch	2031.1
	65.6	Irrigation Ditch	2032.1
	65.6	Irrigation Ditch	2032.1
	65.7	Irrigation Ditch	2032.1
	65.7	Irrigation Ditch	2032.1
	66.2	Irrigation Ditch	2032.1
	66.7	Irrigation Ditch	2033.1
	66.7	Irrigation Ditch	2033.1
	66.7	Irrigation Ditch	2033.1
	66.9	Irrigation Ditch	2033.1
	67.4	Irrigation Ditch	2035.1
	67.8	Irrigation Ditch	2035.1
	67.9	Irrigation Ditch	2035.1
	67.9	Irrigation Ditch	2035.1
	68.0	Irrigation Ditch	2035.1

**Table 8.2-9
Agricultural Drain Tiles or Irrigation Systems along the FSC Pipeline Segments**

Facility, County	Approximate Milepost	Drain Type	Tract Number
	68.0	Irrigation Ditch	2035.1
	68.0	Irrigation Ditch	2035.1
	68.0	Irrigation Ditch	2035.1
	68.0	Irrigation Ditch	2035.1
	68.0	Irrigation Ditch	2035.1
	68.1	Irrigation Ditch	2035.1
	68.2	Irrigation Ditch	2035.1
	68.2	Irrigation Ditch	2035.1
	68.4	Irrigation Ditch	2037.1
	68.5	Irrigation Ditch	2037.1
	68.6	Irrigation Ditch	2037.1
	68.6	Irrigation Ditch	2037.1
	68.6	Irrigation Ditch	2037.1
	68.6	Irrigation Ditch	2037.1
	68.7	Irrigation Ditch	2037.1
	68.7	Irrigation Ditch	2037.1
	68.8	Irrigation Ditch	2037.1
	68.8	Irrigation Ditch	2037.1
	68.8	Irrigation Ditch	2037.1
	68.8	Irrigation Ditch	2037.1
	68.9	Irrigation Ditch	2037.1
	68.9	Irrigation Ditch	2037.1
	68.9	Irrigation Ditch	2037.1
	68.9	Irrigation Ditch	2037.1
	69.0	Irrigation Ditch	2037.1
	72.1	Irrigation Ditch	2045.1
	72.1-72.2	Irrigation Ditch	2045.1
	72.2-72.3	Irrigation Ditch	2045.1
	72.3-72.6	Irrigation Ditch	2045.2
St. Lucie	107.5	Irrigation Ditch	4010.01
	108.6	Irrigation Ditch	4015
	109.0	Irrigation Ditch	4015
	109.0	Irrigation Ditch	4015
	112.9	Irrigation Ditch	4021
	112.9	Irrigation Ditch	4021
	113.1	Irrigation Ditch	4021
	113.2	Irrigation Ditch	4021
	113.3	Irrigation Ditch	4021
	113.5	Irrigation Ditch	4021

**Table 8.2-9
Agricultural Drain Tiles or Irrigation Systems along the FSC Pipeline Segments**

Facility, County	Approximate Milepost	Drain Type	Tract Number
	113.6	Irrigation Ditch	4021
	113.7	Irrigation Ditch	4021
	113.9	Irrigation Ditch	4021
	114.2	Irrigation Ditch	4021
	114.2	Irrigation Ditch	4021
Martin	114.9	Irrigation Ditch	5001
	115.8	Irrigation Ditch	5001
	115.9	Irrigation Ditch	5001
	116.2	Irrigation Ditch	5001
	116.3	Irrigation Ditch	5001
	116.4	Irrigation Ditch	5001
	116.6	Irrigation Ditch	5001
	116.7	Irrigation Ditch	5002
	116.8	Irrigation Ditch	5002
	116.9	Irrigation Ditch	5002
	117.1	Irrigation Ditch	5002
	117.2	Irrigation Ditch	5002
	117.3	Irrigation Ditch	5002
	117.5	Irrigation Ditch	5002
	124.2	Irrigation Ditch	5028.31
	124.8	Irrigation Ditch	5046.03
	125.1	Irrigation Ditch	5046.05
	124.2	Irrigation Ditch	5046.05

**Table 8.2-10
Specialty Crop Lands Crossed by the FSC Project**

Facility, County	Crop Type	Tract Number	Milepost Enter	Milepost Exit	Approx. Acreage Impacted	
					Construction <u>a/</u>	Operation <u>b/</u>
Pipeline Facilities						
Polk	Pine Plantation	1014.1	0.8	0.8	0.04	0.01
	Pine Plantation	1015	0.8	0.8	0.03	0.00
	Pine Plantation	1142	12.9	13.1	1.06	0.48
	Citrus	1168	14.8	15.2	4.58	2.22
	Citrus	1169	14.8	15.1	0.01	0.00
	Citrus	1170	15.2	15.3	1.59	0.77
	Citrus	1172	15.3	15.5	3.28	1.51
	Citrus	1174	15.5	15.9	4.56	2.21
	Citrus	1184	16.6	16.6	0.02	0.01
	Citrus	1185	16.6	16.8	2.84	1.27
	Citrus	1188	16.8	16.9	0.76	0.38
	Citrus	1192	17.1	17.3	3.08	1.45
	Citrus	1195	17.3	17.6	3.55	1.51
	Citrus	1197	17.6	18.0	1.27	0.26
	Citrus	1198	18.0	18.1	0.25	0.00
	Citrus	1199	18.1	18.4	3.70	1.62
	Citrus	1221	19.9	20.1	3.12	1.49
	Citrus	1222	20.1	20.6	6.00	2.93
	Citrus	1223	20.6	20.9	3.21	1.49
	Citrus	1224	20.9	21.1	3.04	1.52
	Citrus	1225	21.1	21.2	1.52	0.76
	Citrus	1226	21.2	21.4	1.52	0.76
	Citrus	1227	21.4	21.6	3.12	1.52
	Citrus	1233	21.6	22.1	6.32	3.02
	Citrus	1241	22.1	22.4	3.20	1.51
	Citrus	1241.5	22.1	22.1	0.16	0.00
	Citrus	1250.5	22.7	22.9	1.87	0.91
	Citrus	1251.5	22.9	23.1	2.99	1.44
	Citrus	1253	23.1	23.4	3.18	1.49
	Citrus	1258	23.4	23.6	3.05	1.46
	Citrus	1259	23.7	23.8	1.54	0.69
	Citrus	1260	23.9	24.1	3.08	1.47
	Citrus	1261.1	24.1	24.1	0.04	0.02
	Citrus	1262	24.1	24.4	2.88	1.40
Polk	Citrus	1266.5	24.4	24.9	4.51	1.57

**Table 8.2-10
Specialty Crop Lands Crossed by the FSC Project**

Facility, County	Crop Type	Tract Number	Milepost Enter	Milepost Exit	Approx. Acreage Impacted	
					Construction <u>a/</u>	Operation <u>b/</u>
	Citrus	1277.5	24.9	24.9	0.44	0.05
	Citrus	1289.7	27.2	27.2	0.01	0.00
	Citrus	1290	27.2	27.3	0.76	0.35
	Citrus	1290.5	27.3	27.3	0.67	0.33
	Citrus	1291	27.3	27.3	0.06	0.02
	Citrus	1291.3	27.3	27.4	0.33	0.16
	Citrus	1291.5	27.4	27.4	0.38	0.17
	Citrus	1291.7	27.4	27.5	1.58	0.76
	Citrus	1293.3	27.9	27.9	0.04	0.02
	Citrus	1294	27.9	28.2	3.35	1.62
	Citrus	1294.7	28.2	28.2	0.01	0.00
	Citrus	1295	28.2	28.2	0.19	0.00
	Citrus	1306	28.8	28.9	0.10	0.00
	Citrus	1307	28.8	29.0	0.40	0.00
	Citrus	1309	29.3	29.5	0.68	0.68
	Citrus	1336	31.5	31.8	1.29	0.98
	Citrus	1337	31.8	31.8	0.03	0.02
	Citrus	1338.01	31.8	31.8	0.95	0.08
	Citrus	1338.1	31.9	32.2	5.04	2.32
	Citrus	1338.2	32.3	32.3	0.10	0.05
	Citrus	1338.3	32.3	32.8	4.87	1.94
	Citrus	1338.4	32.8	32.8	0.50	0.05
	Citrus	1345.03	32.8	33.1	0.06	0.06
	Citrus	1345.06	32.8	33.1	3.19	1.42
	Citrus	1345.07	33.1	33.3	3.14	1.46
	Citrus	1345.17	33.3	33.7	5.09	2.46
	Citrus	1345.18	33.7	33.7	0.78	0.16
	Citrus	1345.19	33.8	34.0	2.78	1.20
	Citrus	1345.191	34.0	34.0	0.14	0.00
	Citrus	1345.199	34.0	34.0	0.14	0.00
	Citrus	1345.2	34.0	34.1	0.88	0.37
	Citrus	1345.201	34.0	34.0	0.13	0.00
	Citrus	1345.21	34.1	34.3	2.24	1.12
	Citrus	1360	34.3	34.4	1.64	0.31
Polk	Citrus	1362	34.5	34.6	1.19	0.71
	Citrus	1363	34.6	34.6	0.35	0.01

**Table 8.2-10
Specialty Crop Lands Crossed by the FSC Project**

Facility, County	Crop Type	Tract Number	Milepost Enter	Milepost Exit	Approx. Acreage Impacted	
					Construction <u>a/</u>	Operation <u>b/</u>
	Citrus	1364	34.6	34.6	0.33	0.32
	Citrus	1366	34.6	34.9	0.80	0.00
	Citrus	1367	34.6	34.7	1.05	1.04
	Citrus	1369	34.9	35.0	2.14	1.08
	Citrus	1370	35.0	35.1	0.11	0.00
	Citrus	1371	35.0	35.1	1.59	0.70
	Citrus	1478.1	44.5	45.0	6.06	3.03
	Citrus	1478.2	45.0	45.3	3.04	1.52
Osceola	Citrus	2045.1	71.9	72.6	2.63	0.59
	Citrus	2045.2	72.6	72.7	0.38	0.01
	Citrus	2048.1	72.7	72.7	0.02	0.00
Okeechobee	Horse Farm	3016	83.3	83.4	1.09	0.53
	Citrus	3017	83.7	83.7	0.04	0.02
	Citrus	3018	83.7	83.9	1.55	0.69
	Citrus	3019	83.9	83.9	0.83	0.41
St. Lucie	Citrus	4009	107.4	107.5	1.28	0.43
	Citrus	4010.01	107.5	107.6	2.02	0.86
	Citrus	4021	108.9	114.7	20.44	7.60
Martin	Citrus	5001	114.8	116.7	30.98	11.08
	Citrus	5002	116.7	117.4	12.93	4.14
	Citrus	5002	116.7	117.4	2.14	0.00
	Citrus	5028.31	124.2	124.4	3.07	0.95

a/ Construction acres = all areas affected by construction including permanent right-of-way, TWS, and ATWS.
b/ Operation acres = only the permanent right-of-way.

Table 8.2-11	
Summary of Public Roadways Crossed by the FSC Project	
County	Number of Public Roadways Crossed
Polk	38
Osceola	10
Okeechobee	8
St. Lucie	4
Martin	4
Project Total	64

**Table 8.2-12
Roadways Crossed by the FSC Project**

County	Milepost	Road Name	Road Surface	Public or Private	Proposed Construction Method
Osceola	0.1	County Road 532	Paved	County Road	Bore
Osceola	0.2	Unknown	Dirt	Private Road	Open Cut
Osceola	0.4	Unknown	Gravel	Private Road	Open Cut
Osceola	0.6	Unknown	Dirt	Private Road	Bore
Osceola	0.7	Old Kissimmee Highway	Paved	County Road	Bore
Osceola	0.8	Labor Camp Road	Paved	County Road	Bore
Osceola	1.1	Parker Road	Paved	County Road	Bore
Osceola	1.2	Unknown	Concrete	Private Road	Bore
Osceola	1.3	Unknown	Dirt	Private Driveway	Open Cut
Osceola	1.4	Unknown	Dirt	Private Driveway	Open Cut
Osceola	1.4	Unknown	Dirt	Private Driveway	Open Cut
Osceola	1.5	Unknown	Dirt	Private Driveway	Open Cut
Osceola	1.5	Unknown	Dirt	Private Driveway	Open Cut
Osceola	1.8	Highway 17 / 92	Paved	US Highway	Bore
Osceola	1.9	Kinney Harmon Road	Paved	County Road	Bore
Osceola	2.3	Unknown	Dirt	Private Road	Open Cut
Osceola	2.3	Unknown	Concrete	Private Road	Open Cut
Osceola	2.8	Highway 17 / 92	Paved	US Highway	Bore
Osceola	3.1	Unknown	Dirt	Private Road	Open Cut
Osceola	3.4	Unknown	Paved	Private Road	Bore
Osceola	3.6	Unknown	Dirt	Private Road	Open Cut
Osceola	3.7	Unknown	Gravel	Private Road	Bore
Osceola	3.8	Unknown	Paved	Private Road	Bore
Osceola	4.1	Sunny Acres Road	Dirt	County Road	Bore
Osceola	4.3	Unknown	Dirt	Private Driveway	Open Cut
Osceola	4.4	Unknown	Dirt	Private Driveway	Open Cut
Osceola	4.4	Highway 17 / 92	Paved	US Highway	Bore
Polk	6.2	Unknown	Grass	Private Road	Open Cut
Polk	8.9	Unknown	Dirt	County Road	Bore
Polk	9.4	Rooks Road	Paved	County Road	Bore
Polk	10.9	Unknown	Paved	Private Road	Open Cut
Polk	10.9	Baker Dairy Road	Gravel	County Road	Bore
Polk	11.0	Baker Dairy Road	Gravel	County Road	Bore
Polk	12.0	Cypress Parkway	Paved	State Highway	HDD
Polk	12.0	Miss Mary Ann Road	Paved	County Road	HDD

**Table 8.2-12
Roadways Crossed by the FSC Project**

County	Milepost	Road Name	Road Surface	Public or Private	Proposed Construction Method
Polk	12.2	Unknown	Gravel	Private Road	Bore
Polk	12.3	Miss Helen Road	Dirt	County Road	Bore
Polk	12.6	Hinson Avenue	Paved	County Road	Bore
Polk	12.9	Unknown	Dirt	Private Road	Open Cut
Polk	13.3	Unknown	Grass	Private Road	Open Cut
Polk	13.7	Bradbury Road	Paved	County Road	Bore
Polk	13.9	Unknown	Dirt	Private Driveway	Bore
Polk	14.0	Unknown	Dirt	Private Driveway	Open Cut
Polk	14.1	Unknown	Gravel	Private Road	Open Cut
Polk	14.8	Marion Road	Paved	County Road	Bore
Polk	15.2	Unknown	Dirt	Private Road	Open Cut
Polk	15.5	Adams Nursery Road	Dirt	Private Road	Open Cut
Polk	15.9	Unknown	Dirt	Private Road	Open Cut
Polk	15.9	Unknown	Dirt	Private Road	Open Cut
Polk	16.3	Kokomo Road	Paved	County Road	Bore
Polk	16.7	Unknown	Dirt	Private Road	Open Cut
Polk	16.8	Water Tank Road	Paved	County Road	Bore
Polk	17.1	Unknown	Dirt	Private Road	Open Cut
Polk	17.3	Lake Hatchineha Road	Paved	County Road	Bore
Polk	17.6	Unknown	Dirt	Private Road	Open Cut
Polk	17.7	Unknown	Dirt	Private Road	Open Cut
Polk	17.7	Unknown	Dirt	Private Road	Open Cut
Polk	17.8	Unknown	Dirt	Private Road	Open Cut
Polk	17.9	Unknown	Dirt	Private Road	Open Cut
Polk	18.4	Unknown	Grass	Private Road	Open Cut
Polk	18.7	Windy Hill Road	Paved	County Road	Bore
Polk	18.8	Unknown	Dirt	Private Road	Open Cut
Polk	18.8	Unknown	Dirt	Private Road	Open Cut
Polk	18.9	Unknown	Dirt	Private Road	Open Cut
Polk	18.9	Unknown	Dirt	Private Road	Open Cut
Polk	19.9	Unknown	Dirt	Private Road	Open Cut
Polk	20.6	Canal Road	Paved	County Road	Bore
Polk	20.9	Unknown	Gravel	Private Road	Open Cut
Polk	21.9	Unknown	Paved	Private Road	Bore
Polk	22.1	Tindel Camp Road	Paved	County Road	Bore
Polk	22.9	Unknown	Dirt	Private Road	Bore

**Table 8.2-12
Roadways Crossed by the FSC Project**

County	Milepost	Road Name	Road Surface	Public or Private	Proposed Construction Method
Polk	23.1	Unknown	Gravel	Private Road	Bore
Polk	23.4	Lake J L Massey Road	Dirt	County Road	Bore
Polk	23.7	Unknown	Gravel	Private Road	Open Cut
Polk	23.9	County Road 17	Paved	County Road	Bore
Polk	24.4	Unknown	Dirt	Private Road	Open Cut
Polk	26.6	Unknown	Dirt	Private Road	Bore
Polk	26.7	Unknown	Dirt	Private Road	Open Cut
Polk	26.7	Hidden Hammock Road	Paved	County Road	Bore
Polk	26.8	Unknown	Paved	Private Road	Open Cut
Polk	26.9	County Road 17	Paved	County Road	Bore
Polk	27.0	Unknown	Gravel	Private Road	Open Cut
Polk	27.2	Unknown	Dirt	Private Road	Open Cut
Polk	27.5	Unknown	Gravel	Private Road	Open Cut
Polk	27.7	Mammoth Grove Road	Paved	County Road	Bore
Polk	29.0	Capps Road	Paved	County Road	Bore
Polk	29.7	Stokes Road	Paved	County Road	Bore
Polk	30.1	Unknown	Dirt	Private Road	Open Cut
Polk	30.1	Unknown	Dirt	Private Driveway	Open Cut
Polk	30.3	Unknown	Dirt	Private Driveway	Bore
Polk	30.3	Unknown	Dirt	Private Driveway	Bore
Polk	31.0	Unknown	Dirt	Private Driveway	Open Cut
Polk	31.1	Unknown	Dirt	Private Driveway	Open Cut
Polk	31.1	Unknown	Dirt	Private Driveway	Open Cut
Polk	31.1	Unknown	Dirt	Private Driveway	Open Cut
Polk	31.1	Unknown	Dirt	Private Driveway	Open Cut
Polk	31.2	Unknown	Dirt	Private Driveway	Open Cut
Polk	31.2	Unknown	Dirt	Private Driveway	Open Cut
Polk	31.3	Story Road	Paved	County Road	Bore
Polk	31.6	Unknown	Dirt	Private Road	Open Cut
Polk	31.6	Unknown	Dirt	Private Road	Open Cut
Polk	31.8	Unknown	Paved	Private Road	Bore
Polk	31.8	State Road 60	Paved	State Highway	Bore
Polk	31.9	State Road 60	Paved	State Highway	Bore
Polk	32.8	Saint Anne Shrine Road	Paved	County Road	Bore
Polk	33.1	Rattle Snake Road	Paved	County Road	Bore
Polk	33.3	Unknown	Dirt	Private Road	Open Cut

**Table 8.2-12
Roadways Crossed by the FSC Project**

County	Milepost	Road Name	Road Surface	Public or Private	Proposed Construction Method
Polk	33.7	Church Road	Dirt	Private Road	Open Cut
Polk	34.0	Golden Bough Road	Paved	County Road	Bore
Polk	34.3	State Road 60	Paved	State Highway	Bore
Polk	34.3	State Road 60	Paved	State Highway	Bore
Polk	34.7	Breen Road	Dirt	County Road	Bore
Polk	34.9	Orion Lane	Dirt	County Road	Bore
Polk	35.4	Boy Scout Camp Road	Paved	County Road	Bore
Polk	35.7	Unknown	Gravel	Private Road	Open Cut
Polk	35.8	Unknown	Dirt	Private Road	Open Cut
Polk	36.0	Unknown	Dirt	Private Road	Open Cut
Polk	36.4	R J Keen Road	Paved	Private Road	Bore
Polk	36.7	Unknown	Dirt	Private Road	Open Cut
Polk	37.1	Unknown	Grass	Private Road	Open Cut
Polk	37.3	Unknown	Dirt	Private Road	Open Cut
Polk	37.5	Unknown	Dirt	Private Road	Open Cut
Polk	38.0	Unknown	Dirt	Private Road	Open Cut
Polk	38.0	Unknown	Dirt	Private Road	Open Cut
Polk	38.2	Unknown	Concrete	Private Road	Bore
Polk	38.4	Unknown	Paved	Private Road	Open Cut
Polk	38.4	Unknown	Dirt	Private Road	Open Cut
Polk	38.5	Unknown	Grass	Private Road	HDD
Polk	38.5	Unknown	Grass	Private Road	HDD
Polk	38.8	Unknown	Dirt	Private Road	Open Cut
Polk	39.1	Unknown	Dirt	Private Road	Open Cut
Polk	39.1	Unknown	Dirt	Private Road	Open Cut
Polk	39.3	Tiger Lake Road	Paved	County Road	Bore
Polk	39.8	Unknown	Dirt	County Road	Open Cut
Polk	41.0	Sam Keen Road	Paved	County Road	Bore
Polk	41.7	Unknown	Grass	Private Road	Open Cut
Polk	42.5	Unknown	Grass	Private Road	Open Cut
Polk	42.6	Unknown	Grass	Private Road	Open Cut
Polk	43.4	Kissimmee Shore Road	Gravel	Private Road	Bore
Polk	44.5	Unknown	Grass	Private Road	Open Cut
Polk	50.1	Unknown	Dirt	Private Road	Open Cut
Polk	50.1	Unknown	Dirt	Private Road	Open Cut
Polk	50.1	Unknown	Dirt	Private Road	Open Cut

**Table 8.2-12
Roadways Crossed by the FSC Project**

County	Milepost	Road Name	Road Surface	Public or Private	Proposed Construction Method
Polk	50.3	Unknown	Grass	Private Road	Open Cut
Polk	51.0	Unknown	Paved	Field Road	Open Cut
Polk	51.5	Grape Hammock Road	Paved	County Road	Bore
Osceola	53.8	State Road 60	Paved	State Highway	Bore
Osceola	53.9	Unknown	Grass	Field Road	Open Cut
Osceola	55.1	Unknown	Grass	Private Road	Open Cut
Osceola	55.6	Unknown	Dirt	Private Road	Open Cut
Osceola	56.0	Unknown	Gravel	Private Drive	Open Cut
Osceola	58.1	Unknown	Gravel	Private Road	Open Cut
Osceola	58.4	Unknown	Grass	Private Road	HDD
Osceola	58.8	Unknown	Dirt	Private Road	Open Cut
Osceola	61.8	Unknown	Gravel	Private Road	Bore
Osceola	62.5	Unknown	Gravel	Private Road	Open Cut
Osceola	63.7	Unknown	Dirt	Private Road	Open Cut
Osceola	64.6	Unknown	Dirt	Private Road	Open Cut
Osceola	65.1	Unknown	Grass	Field Road	Open Cut
Osceola	65.7	Unknown	Grass	Field Road	Open Cut
Osceola	66.7	Unknown	Grass	Field Road	Open Cut
Osceola	67.0	Unknown	Dirt	Field Road	Open Cut
Osceola	67.5	Unknown	Dirt	Field Road	Open Cut
Osceola	70.3	Unknown	Dirt	Field Road	Open Cut
Osceola	71.4	Unknown	Dirt	Field Road	Open Cut
Osceola	72.0	Unknown	Gravel	Private Road	Open Cut
Osceola	75.3	Unknown	Dirt	Private Road	Open Cut
Osceola	76.2	Unknown	Dirt	Field Road	Open Cut
Osceola	76.2	Unknown	Gravel	Private Road	Open Cut
Osceola	77.1	Unknown	Gravel	Private Road	Bore
Osceola	77.1	Unknown	Gravel	Private Road	Bore
Okeechobee	78.1	Unknown	Dirt	Private Road	Open Cut
Okeechobee	79.1	Unknown	Gravel	Private Road	Open Cut
Okeechobee	79.9	Unknown	Dirt	Private Road	Open Cut
Okeechobee	82.1	Northwest 364th Road	Paved	County Road	Bore
Okeechobee	82.5	Unknown	Dirt	Private Road	Open Cut
Okeechobee	82.6	Unknown	Dirt	Private Road	Open Cut
Okeechobee	82.8	Unknown	Dirt	Private Road	Open Cut
Okeechobee	83.4	Northwest 344th Street	Paved	County Road	Bore

**Table 8.2-12
Roadways Crossed by the FSC Project**

County	Milepost	Road Name	Road Surface	Public or Private	Proposed Construction Method
Okeechobee	84.2	Unknown	Dirt	Private Road	Bore
Okeechobee	84.4	Unknown	Paved	Private Road	HDD
Okeechobee	84.7	Unknown	Paved	Private Road	Bore
Okeechobee	84.8	Northeast 326th Trail	Paved	County Road	Bore
Okeechobee	84.9	Northeast 325th Trail	Paved	County Road	Bore
Okeechobee	85.0	Unknown	Dirt	Field Road	Open Cut
Okeechobee	85.1	Unknown	Dirt	Field Road	Open Cut
Okeechobee	86.0	Unknown	Gravel	Private Road	Open Cut
Okeechobee	86.2	Unknown	Gravel	Private Road	Open Cut
Okeechobee	86.2	Unknown	Dirt	Private Road	Open Cut
Okeechobee	86.4	Unknown	Gravel	Private Road	Open Cut
Okeechobee	86.5	Highway 441 / 15 / Parrott Avenue	Paved	State Highway	Bore
Okeechobee	86.7	Northeast 304th Street	Paved	State Highway	Bore
Okeechobee	87.2	Unknown	Dirt	Private Road	Open Cut
Okeechobee	89.5	Northeast 48th Avenue	Paved	State Highway	Bore
Okeechobee	89.7	Unknown	Gravel	Private Road	Bore
Okeechobee	90.7	Unknown	Gravel	Private Road	Open Cut
Okeechobee	90.9	Unknown	Grass	Field Road	Open Cut
Okeechobee	91.0	Unknown	Dirt	Field Road	Open Cut
Okeechobee	91.1	Unknown	Dirt	Field Road	Open Cut
Okeechobee	91.3	Unknown	Dirt	Field Road	Open Cut
Okeechobee	91.5	Unknown	Grass	Field Road	Open Cut
Okeechobee	91.7	Unknown	Grass	Field Road	Open Cut
Okeechobee	91.9	Unknown	Dirt	Field Road	Open Cut
Okeechobee	92.2	Unknown	Dirt	Field Road	Open Cut
Okeechobee	93.5	Unknown	Dirt	Field Road	Open Cut
Okeechobee	94.3	Unknown	Dirt	Private Road	Open Cut
Okeechobee	94.3	Unknown	Dirt	Private Road	Open Cut
Okeechobee	94.3	Unknown	Dirt	Private Road	Open Cut
Okeechobee	94.6	Southeast 224th Street	Paved	County Road	Bore
Okeechobee	94.6	Unknown	Dirt	Private Road	Bore
Okeechobee	94.7	Unknown	Dirt	Private Road	Bore
Okeechobee	98.0	Private	Grass	Field Road	Open Cut
Okeechobee	98.6	Unknown	Dirt	Field Road	HDD
Okeechobee	98.9	Unknown	Grass	Field Road	Open Cut
Okeechobee	100.2	Unknown	Dirt	Field Road	Bore

**Table 8.2-12
Roadways Crossed by the FSC Project**

County	Milepost	Road Name	Road Surface	Public or Private	Proposed Construction Method
Okeechobee	100.4	Unknown	Dirt	Field Road	Bore
Okeechobee	101.9	Unknown	Grass	Field Road	Open Cut
St. Lucie	102.7	Unknown	Dirt	Field Road	Open Cut
St. Lucie	102.8	Unknown	Dirt	Field Road	Open Cut
St. Lucie	102.9	Unknown	Dirt	Field Road	Open Cut
St. Lucie	103.2	Private	Grass	Field Road	Open Cut
St. Lucie	103.6	Unknown	Dirt	Private Road	Open Cut
St. Lucie	104.0	Unknown	Dirt	Field Road	Open Cut
St. Lucie	105.6	Unknown	Paved	Private Road	HDD
St. Lucie	105.6	Highway 70	Paved	State Highway	HDD
St. Lucie	105.6	Highway 70	Paved	State Highway	HDD
St. Lucie	106.5	Unknown	Dirt	Private Road	Open Cut
St. Lucie	107.4	Unknown	Gravel	Field Road	Open Cut
St. Lucie	107.7	Unknown	Gravel	Field Road	Open Cut
St. Lucie	107.7	Private Road	Grass	Private Road	Open Cut
St. Lucie	107.9	Private Road	Dirt	Private Road	Open Cut
St. Lucie	108.1	Unknown	Gravel	Private Road	Open Cut
St. Lucie	108.4	Unknown	Gravel	Private Road	Open Cut
St. Lucie	108.7	Unknown	Gravel	Private Road	Open Cut
St. Lucie	109.3	Bluefield Road	Gravel	County Road	Bore
St. Lucie	109.3	Unknown	Gravel	Private Road	Open Cut
St. Lucie	109.3	Unknown	Gravel	Private Road	Open Cut
St. Lucie	110.0	Unknown	Gravel	Private Road	Open Cut
St. Lucie	110.1	Bluefield Road	Gravel	County Road	Bore
St. Lucie	113.0	Unknown	Gravel	Private Road	Bore
St. Lucie	113.0	Unknown	Dirt	Private Road	Open Cut
St. Lucie	113.0	Unknown	Dirt	Private Road	Open Cut
St. Lucie	113.4	Private	Dirt	Private Road	Open Cut
St. Lucie	113.8	Private	Dirt	Private Road	Open Cut
St. Lucie	114.2	Private	Dirt	Private Road	Open Cut
St. Lucie	114.2	Unknown	Dirt	Private Road	Open Cut
St. Lucie	114.6	Unknown	Dirt	Private Road	HDD
St. Lucie	114.7	Unknown	Grass	Private Road	HDD
Martin	114.8	Private	Dirt	Private Road	HDD
Martin	114.8	Private	Dirt	Private Road	HDD
Martin	115.0	Unknown	Dirt	Private Road	Open Cut

**Table 8.2-12
Roadways Crossed by the FSC Project**

County	Milepost	Road Name	Road Surface	Public or Private	Proposed Construction Method
Martin	115.0	Unknown	Dirt	Field Road	Open Cut
Martin	116.0	Private	Dirt	Field Road	Open Cut
Martin	116.4	Private	Dirt	Field Road	Open Cut
Martin	116.8	Private	Dirt	Field Road	Open Cut
Martin	117.2	Private	Dirt	Field Road	Open Cut
Martin	117.5	Private	Dirt	Field Road	Open Cut
Martin	118.1	Unknown	Dirt	Field Road	Bore
Martin	118.2	Unknown	Dirt	Field Road	Open Cut
Martin	118.7	Unknown	Grass	Field Road	Bore
Martin	118.7	Highway 714	Paved	State Highway	Bore
Martin	118.8	Private	Grass	Field Road	Bore
Martin	119.3	Unknown	Grass	Field Road	Open Cut
Martin	119.7	Unknown	Dirt	Field Road	Open Cut
Martin	120.3	Private	Grass	Field Road	Open Cut
Martin	120.8	Unknown	Paved	Field Road	Open Cut
Martin	121.3	Private	Grass	Field Road	Open Cut
Martin	121.7	Unknown	Paved	Field Road	Open Cut
Martin	122.2	Private	Grass	Field Road	Open Cut
Martin	122.7	Private	Grass	Field Road	Open Cut
Martin	123.2	Private	Grass	Field Road	Open Cut
Martin	123.8	Unknown	Dirt	Field Road	HDD
Martin	123.8	Unknown	Dirt	Field Road	HDD
Martin	123.9	Unknown	Dirt	Field Road	HDD
Martin	124.2	State Road 710	Paved	State Highway	HDD
Martin	124.2	State Road 710	Paved	State Highway	HDD
Martin	124.3	Southwest Amarylliss Avenue	Dirt	County Road	HDD
Martin	125.4	Unknown	Paved	Private Road	Bore

<p align="center">Table 8.2-13 Railroads Crossed by the FSC Project</p>				
County	Milepost	Railroad	Active/ Abandoned	Proposed Construction Method
Polk	0.5	CSX Transportation	Active	Bore
St. Lucie	114.7	Florida East Coast Railway	Active	HDD
Martin	124.2	CSX Transportation	Active	HDD

**Table 8.3-1
Ongoing or Planned Residential and Commercial Projects within the General Area of the FSC Project**

Project	Location of Project Activity (Approximate Distance and Direction from Milepost, or Distance Crossed)	Description	Anticipated Construction Date/Project Status
Polk County			
Progress Energy Florida Loughman Substation	Crosses MP 1.35 to 1.42	Non-residential	Approved Site Plan
New Destiny Church	Crosses MP 1.45 to 1.52	Non-residential	Approved Site Plan
Shopping Center	Crosses at MP 1.7	Non-residential	Unknown – Identified through landowner consultation, no existing records or permits on file with Polk County have been located to date.
Tropical Lakes	Crosses MP 2.1 to 2.25	Subdivision Site Review TR	Approved Site Plan
Aviana Two A	Crosses MP 2.3 to 2.5	Subdivision Site Review Plan	Approved Site Plan
Providence N4	Crosses MP 2.3 to 2.51	Subdivision Site Review Plan	Approved Site Plan
N. Davenport MHE #2 Verizon	Crosses MP 2.65 to 2.85	Non-Residential Site Plan	Approved Site Plan
Campbell Crane Company 6713	Crosses MP 3.01 to 3.08	Non-residential	Approved Site Plan
Haines City East Substation 7819	Crosses MP 2.67 to 2.85	Non-Residential Site Plan	Constructed
Lake Marion Development	Crosses MP 13.51 – 13.83 and MP 14.00 – 15.54	Zoning Approval	Re-zoning Approved 2009; no other related developments or approvals.
Watersong AKA Country Creek	Crosses MP 5.35 to 5.72	Subdivision Site Review WA	Approved Site Plan
Sand Hill Fire Rescue Station	Crosses MP 16.39 to 16.42	Non-residential	Approved Site Plan
Estes Groves	Crosses MP 19.89 – 21.12	Low Density Residential and Multi Use Village Center	Master Concept Plan on file
Multi Use Village Center Future Land Use	0.24 miles west of MP 20.5	Moderate Density Single Family Residential and Multi Use Village Center	Intent to complete build out of the Multi Use Village Center and be compatible with the Estes Groves Development.
St. Helena Sand Mine 9713	Crosses MP 23.58 to 23.82	Non-residential	Approved Site Plan
Mountain Lake Corporation	Crosses MP 25 to 25.5	Non-Residential Site Plan	Approved Site Plan
Mountain Lake Corporation	Crosses MP 25.7 to 25.71	Non-Residential Site Plan	Approved Site Plan
Mountain Lake Corporation	Crosses MP 25.8	Non-Residential Site Plan	Approved Site Plan
The Pentecostals of Lake Wales 0804	Crosses MP 30.61	Non-Residential Site Plan	Approved Site Plan

**Table 8.3-1
Ongoing or Planned Residential and Commercial Projects within the General Area of the FSC Project**

Project	Location of Project Activity (Approximate Distance and Direction from Milepost, or Distance Crossed)	Description	Anticipated Construction Date/Project Status
Florida Rock-Diamond Sand Mine	2,038 feet north of MP 30.89	Subdivision Site Review Plan	Approved Site Plan
Monier Lifetile Training Center	Crosses MP 31.4	Non-Residential Site Plan	Approved Site Plan
Lake Wales Facility Rinker 0803	Crosses MP 31.4 to 31.65	Non-Residential Site Plan	Approved Site Plan
Monier Lifetile 0803	Crosses MP 31.41 to 31.62	Non-Residential Site Plan	Approved Site Plan
CEMEX Construction Materials Florida, LLC 0810/0811	Crosses MP 31.62 to 31.88	Non-Residential Site Plan	Approved Site Plan
Citrusco North America, Inc.	Crosses MP 31.88 to 32.7	Non-Residential Site Plan	Approved Site Plan
Carson Mini-Warehouses 0812	Crosses MP 33.32 to 33.36	Subdivision Site Review TR	Approved Site Plan
Lake Aurora Christian Assembly	Crosses MP 34.2 to 34.39	Non-Residential Site Plan	Approved Site Plan
Jay Bee's Restaurant	Crosses MP 35.28 to 35.39	Non-Residential	Construction Complete
Calvary Baptist Church 0914	Crosses MP 38.89 to 39.1	Non-Residential	Approved Site Plan
Central Polk Parkway	1,500 feet west of approximate MP 20.0	Florida Department of Transportation Project. The Central Polk Parkway is proposed as a six-lane, new alignment highway in Polk County that will serve as additional north/south routes in the central Polk County regional transportation network.	Project Development and Environmental Study Phase. Not scheduled for construction.
State Route 60 Widening	Crossed / Co-located approximate MP 31.0 - 74.0	Florida Department of Transportation road widening project.	Project Development and Environmental Study Phase. Not scheduled for construction.
Oakwood Subdivision	Crossed, Approximate MP 28.0 / 29.0	Residential Subdivision	Preliminary Plan Approved; No recent activity.
Osceola County			
Industrial Site	65 feet East of MP 72.8	Proposed Industrial Site	Proposed

**Table 8.3-2a
Residences within 50 Feet of the FSC Project**

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a/</u> (feet) / Direction		Mitigation <u>a/</u> , <u>b/</u>	Current Use	Occupied (Yes/No)
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)			
Pipeline Facilities								
Osceola	1006.2	Mobile Home	0.6	5.3, east	80.3, east	Abandoned and will be removed	Residential House	No
Polk	1016	House	0.9	0.0	22.1, west	<u>a/</u>	Residential House	Yes
	1018	House	0.9	22.8, southwest	47.8, southwest	<u>a/</u>	Residential House	Yes
	1036.4	Mobile Home	1.2	0.0	9.1, west	Mobile Home to be removed during Construction	Residential House	Yes
	1075.47	House	4.1	0.0	24.5, northwest	<u>a/</u>	Residential House	Yes
	1075.47	Mobile Home	4.1	0.0	100.0, northwest	<u>a/</u>	Residential House	Yes
	Unknown	Mobile Home	4.4	44.8, northeast	69.8, northeast	<u>a/</u>	Residential House	Yes
	1075.55	House	4.4	11.0, southwest	86.0, southwest	<u>a/</u>	Residential House	Yes
	1075.571	Mobile Home	4.5	39.9, north	64.9, north	<u>a/</u>	Residential House	Yes
	1075.571	Mobile Home	4.5	26.4, north	51.4, north	<u>a/</u>	Residential House	Yes
	1075.571	Mobile Home	4.5	32.4, north	57.4, north	<u>a/</u>	Residential House	Yes
	1075.571	Mobile Home	4.5	40.4, north	65.4, north	<u>a/</u>	Residential House	Yes
	1075.571	Mobile Home	4.5	42.0, north	67.0, north	<u>a/</u>	Residential House	Yes
	1075.571	Mobile Home	4.5	37.1, north	62.1, north	<u>a/</u>	Residential House	Yes
	1075.571	Mobile Home	4.5	43.0, north	68.0, north	<u>a/</u>	Residential House	Yes
	1075.571	Mobile Home	4.5	41.8, north	66.8, north	<u>a/</u>	Residential House	Yes
Polk	1075.571	Mobile Home	4.5	42.4, north	67.4, north	<u>a/</u>	Residential House	Yes

**Table 8.3-2a
Residences within 50 Feet of the FSC Project**

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a</u> / (feet) / Direction		Mitigation <u>a</u> /, <u>b</u> /	Current Use	Occupied (Yes/No)
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)			
	1075.571	Mobile Home	4.5	42.5, north	67.5, north	<u>a</u> /	Residential House	Yes
	1075.571	Mobile Home	4.6	42.0, north	67.0, north	<u>a</u> /	Residential House	Yes
	1075.571	Mobile Home	4.6	41.4, north	66.4, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.7	25.6, north	50.6, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.7	44.4, north	69.4, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.7	43.2, north	68.2, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.8	27.0, north	52.0, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.8	26.5, north	51.5, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.8	24.3, north	49.3, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.8	20.1, north	45.1, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.8	23.5, north	48.5, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.8	23.6, north	48.6, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.8	15.7, north	40.7, north	<u>a</u> /	Residential House	Yes
	1075.64	Mobile Home	4.9	7.0, north	32.0, north	<u>a</u> /	Residential House	Yes
	1075.74	Mobile Home	5.2	16.0, north	41.0, north	<u>a</u> /	Residential House	Yes
	1112.6	House	12.0	0.0	25.0, east	<u>a</u> /	Residential House	Yes
	1112.6	Mobile Home	12.1	0.0	0.0, east	<u>a</u> /	Residential House	Yes
	1175	House	16.3	30.8, east	105.8, east	<u>a</u> /	Residential House	Yes
	1176	House	16.3	39.4, west	114.4, west	<u>a</u> /	Residential House	Yes
	1177.1	Mobile Home	16.4	13.6, east	88.6, east	<u>a</u> /	Residential House	Yes
	1192	House	17.3	49.5, east	124.5, east	<u>a</u> /	Residential House	Yes
Polk	1201	Mobile Home	18.6	10.9, east	35.9, east	<u>a</u> /	Residential Building	Yes

**Table 8.3-2a
Residences within 50 Feet of the FSC Project**

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a/</u> (feet) / Direction		Mitigation <u>a/</u> , <u>b/</u>	Current Use	Occupied (Yes/No)
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)			
	1200.5	Mobile Home	18.7	29.1, west	54.1, west	<u>a/</u>	Residential House	Yes
	1240.5	Mobile Home	22.2	46.4, west	71.4, west	<u>b/</u>	Residential House	No
	1253.5	House	23.2	50.1, east	75.1, east	<u>b/</u>	Residential House	No
	1292.7	House	27.7	20.7, west	45.7, west	<u>a/</u>	Residential House	Yes
	1295	House	28.2	33.8, northwest	111.3, northwest	<u>a/</u>	Residential House	Yes
	1319	House	29.6	49.0, north	74.0, north	<u>b/</u>	Abandoned	No
	1320.1	Mobile Home	29.6	48.5, north	73.5, north	<u>b/</u>	Residential House	No
	1322.14	House	30.3	0.0	13.2, east	<u>a/</u>	Residential House	Yes
	1322.28	Mobile Home	31.1	24.2, north	99.2, north	<u>a/</u>	Residential House	Yes
	1322.28	House	31.0	43.6, north	118.6, north	<u>a/</u>	Residential House	Yes
	1322.32	House	31.1	45.1, north	120.1, north	<u>a/</u>	Residential House	Yes
	1322.34	Mobile Home	31.2	17.8, north	142.1, north	<u>b/</u>	Abandoned	No
	1322.24	House	31.3	7.0, north	132.0, north	<u>a/</u>	Abandoned	No
	1322.34	House	31.3	30.5, north	55.5, north	<u>a/</u>	Residential House	Yes
	1322.35	House	31.3	10.3, north	35.3, north	<u>a/</u>	Abandoned	No
	1322.35	House	31.3	0.0	2.5, north	<u>a/</u>	Residential House	Yes
	1322.37	House	31.3	21.3, north	146.3, north	<u>a/</u>	Residential House	Yes
	1345.191	House	33.8	14.1, north	39.2, north	<u>a/</u>	Residential House	Yes
	1345.192	Mobile Home	33.8	46.5, north	71.5, north	<u>a/</u>	Residential House	Yes
	1345.197	House	33.9	28.5, north	53.5, north	<u>a/</u>	Residential House	Yes
Polk	1375.1	House	35.7	45.6, northeast	120.6, northeast	<u>a/</u>	Residential House	Yes

**Table 8.3-2a
Residences within 50 Feet of the FSC Project**

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a/</u> (feet) / Direction		Mitigation <u>a/</u> , <u>b/</u>	Current Use	Occupied (Yes/No)
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)			
	1407	House	38.2	49.6, northeast	133.6, northeast	<u>a/</u>	Residential House	Yes
Okeechobee	3001	House	77.2	0.0	4.9, west	Proposed Pipe Yard Houses to be Removed	Residential House	Yes
	3001	House	77.2	0.0	1.2, west	Proposed Pipe Yard Houses to be Removed	Residential House	Yes
	3001	House	77.3	0.0	464.7, west	Proposed Pipe Yard Houses to be Removed	Residential House	Yes
	Unknown	House	84.9	36.2, west	156.7, west	<u>a/</u>	Residential House	No
	3069	House	95.9	13.0, east	63.0, east	<u>a/</u>	Residential House	Yes
St. Lucie	4012.01	House	107.7	36.0, west	136.0, west	<u>a/</u>	Residential House	Yes
	4021.5	Mobile Home	110.1	0.0	0.7, west	Abandoned and will be removed	Abandoned	No

a/ Additional mitigation information is provided in the Residential Construction Drawings, Resource Report 8, Appendix 8A.

b/ Occupancy to be confirmed prior to construction. Avoid removal of mature trees, immediately restore all lawn areas after backfilling the trench, and fence the construction work throughout the open trench phase of construction.

Table 8.3-2b Other Structures within 50 Feet of the FSC Project							
Facility, County	Tract Number	Building Type	Milepost	Distance <u>a</u> / (feet) / Direction		Mitigation <u>a</u> /, <u>b</u> /	Current Use
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)		
Pipeline Facilities							
Osceola	102.2	Barn/Livestock Storage	0.0	43.6	68.6	<u>b</u> /	Non-Residential Structure
	1006.5	Bar B Q Pit	0.6	0.0	24.4, east	BBQ Pit to be Removed	Non-Residential Structure
Polk	1018	Shed	0.9	0.0	23.9, southwest	<u>a</u> /	Non-Residential Structure
	1022	Shed	1.0	26.11, west	101.11, west	<u>b</u> /	Non-Residential Structure
	1022	Barn	1.0	36.4, west	111.4, west	<u>b</u> /	Non-Residential Structure
	1075.06	Church Building	1.5	13.4, west	88.4, west	<u>b</u> /	Non-Residential Structure
	1075.13	Shed	1.8	46.6, west	96.6, west	<u>b</u> /	Non-Residential Structure
	1075.26	Walkway	2.8	27.0, east	97.7, east	<u>b</u> /	Neighborhood Entrance/ Walkway
	1075.421	Shed	3.8	0.0	24.9, west	Shed to be removed	Non-Residential Structure
	1075.48	Metal Shop	4.1	0.0	57.6, northwest	<u>a</u> /	Non-Residential Structure
	1075.48	Metal Shop	4.1	0.0	22.7, northwest	<u>a</u> /	Non-Residential Structure
	1075.48	Shed	4.1	0.0	25.0, northwest	<u>a</u> /	Non-Residential Building
	1112.6	Canopy	12.0	0.0	0.0	<u>a</u> /	Non-Residential Structure
Polk	1112.6	Canopy	12.0	0.0	10.0, west	<u>a</u> /	Non-Residential Structure

Table 8.3-2b
Other Structures within 50 Feet of the FSC Project

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a</u> / (feet) / Direction		Mitigation <u>a</u> , <u>b</u> /	Current Use
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)		
	1124	Shed/Storage	12.3	0.0	18.3, east	Shed to be removed	Non-Residential Structure
	1134	Chicken Coup/Livestock <u>a</u> /	12.8	37.5, west	62.5, west	<u>b</u> /	Non-Residential Structure
	1153	Barn/Livestock	13.6	0.0	16.6, east	<u>b</u> /	Non-Residential Structure
	1172	Concrete Shop	15.4	0.0	1.1, east	To be Removed	Non-Residential Structure
	1174	Shed/Storage	16.0	37.3, east	112.3, east	<u>b</u> /	Non-Residential Structure
	1175	Barn/ Livestock Storage	16.2	14.6, east	114.6, east	<u>b</u> /	Non-Residential Structure
	1176	Barn/Livestock Storage	16.2	0.0	0.3, east	Barn to be Removed	Non-Residential Structure
	1175	Shed/Storage	16.2	0.0	14.0, east	Shed to be removed	Non-Residential Structure
	1176	Barn/Livestock Storage	16.2	33.9, west	91.9, west	<u>b</u> /	Non-Residential Structure
	1175	Shed/Storage	16.2	26.6, east	101.6, east	<u>b</u> /	Non-Residential Structure
	1176	Barn/Livestock Storage	16.2	19.4, west	129.4, west	<u>b</u> /	Non-Residential Structure
	1176	Barn/Livestock Storage	16.2	6.8, west	116.8, west	<u>b</u> /	Non-Residential Structure
	1178	Metal Shop	16.3	3.5, east	28.5, east	<u>a</u> /	Non-Residential Structure
Polk	1177.1	Pump Shed/Water Well	16.3	0.0	4.0, east	<u>a</u> /	Non-Residential Structure
	1190	Barn/Livestock Storage	17.0	4.7, east	54.7, east	<u>b</u> /	Non-Residential Structure

**Table 8.3-2b
Other Structures within 50 Feet of the FSC Project**

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a</u> / (feet) / Direction		Mitigation <u>a</u> , <u>b</u> /	Current Use
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)		
	1190	Barn/Livestock Storage	17.0	31.5, east	81.5, east	<u>b</u> /	Non-Residential Structure
	1190	Shed/Storage	17.0	0.0	46.5, east	<u>b</u> /	Non-Residential Structure
	1192.00	Shop	17.2	74.3, east	149.3, east	<u>b</u> /	Non-Residential Structure
	1192.00	Mobile Office	17.3	33.1, east	108.1, east	<u>a</u> /	Occupied Mobile Office Trailer
	1192	Fuel Shed	17.3	45.4, east	120.4, east	<u>a</u> /	Non-Residential Structure
	1192	Barn	17.3	30.7, east	105.7, east	<u>a</u> /	Non-Residential Structure
	1201	Shed/Storage	18.7	2.4, west	27.4, west	<u>b</u> /	Non-Residential Structure
	1241	Shed	22.2	3.5, east	28.6, east	<u>b</u> /	Non-Residential Structure
	1264	Workshop/Storage Area	24.3	13.5, east	38.5, east	<u>b</u> /	Non-Residential Structure
	Unknown	Barn	24.5	45.6, east	70.6, east	<u>b</u> /	Non-Residential Structure
	Unknown	Shed/Storage	24.6	18.3, east	43.4, east	<u>b</u> /	Non-Residential Structure
	Unknown	Shed/Storage	24.7	8.0, east	33.1, east	<u>b</u> /	Non-Residential Structure
Polk	Unknown	Shed/Storage	24.8	11.7, east	36.7, east	<u>b</u> /	Non-Residential Structure
	Unknown	Shed/Storage	24.8	33.1, east	58.2, east	<u>b</u> /	Non-Residential Structure
	1281.4	Barn / Covered Shed	26.0	16.4, south	91.4, south	<u>b</u> /	Non-Residential Structure

Table 8.3-2b
Other Structures within 50 Feet of the FSC Project

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a</u> / (feet) / Direction		Mitigation <u>a</u> , <u>b</u> /	Current Use
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)		
	1293.3	Concrete Edge	27.9	0.0	3.6, west	<u>b</u> /	Non-Residential Structure
	1293.3	Concrete Drive Edge	27.9	0.0	31.8, east	<u>b</u> /	Non-Residential Structure
	1294	Storage Shed	28.2	2.2, east	27.1, east	<u>a</u> /	Non-Residential Structure
	1294	Building Storage	28.2	2.5, east	27.4, east	<u>a</u> /	Non-Residential Structure
	1295.3	Concrete Edge Spillway	28.5	0.0	23.1, west	<u>b</u> /	Non-Residential Structure
	1322.14	Storage Shed	30.3	31.9, east	100.9, east	<u>a</u> /	Non-Residential Structure
	1322.28	Garage	31.0	45.4, north	120.4, north	<u>a</u> /	Non-Residential Structure
	Unknown	Brick Column	32.6	7.4, east	32.4, east	<u>b</u> /	Non-Residential Structure
	Unknown	Shed	33.8	13.7, north	38.7, north	<u>a</u> /	Non-Residential Structure
	1345.21	Barn/Livestock Storage	34.3	0.0	74.7, south	<u>b</u> /	Non-Residential Structure
	1345.21	Warehouse	34.3	45.4, south	120.4, south	<u>b</u> /	Non-Residential Structure
Polk	1366	Barn/Livestock Storage	34.8	0.0	23.66, north	<u>b</u> /	Non-Residential Structure
	1372	Restaurant	35.2	38.4, north	77.7, north	<u>b</u> /	Non-Residential Structure
	1407	Shed	38.2	0.0	80.1, northeast	<u>a</u> /	Non-Residential Structure
	1407	Warehouse	38.3	21.3, north	80.3, north	<u>b</u> /	Non-Residential Structure

**Table 8.3-2b
Other Structures within 50 Feet of the FSC Project**

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a</u> / (feet) / Direction		Mitigation <u>a</u> , <u>b</u> /	Current Use
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)		
	1477	Concrete	43.3	8.6, south	33.6, south	<u>b</u> /	Non-Residential Structure
	1477	Garage/Storage	43.4	38.2, north	113.2, north	<u>b</u> /	Non-Residential Structure
	1477	Concrete	43.8	10.3, south	35.3, south	<u>b</u> /	Non-Residential Structure
	1484.25	Shed	50.1	0.0	48.9, west	Shed to be removed	Non-Residential Structure
	1484.26	Concrete	51.4	38.0, south	63.0, south	<u>b</u> /	Non-Residential Structure
	1484.26	Concrete	51.5	44.1, south	69.1, south	<u>b</u> /	Non-Residential Structure
	1484.26	Concrete Pad	51.5	0.0	45.3, south	<u>b</u> /	Non-Residential Structure
Osceola	2045.1	Shed	72.0	22.3, north	47.3, north	<u>b</u> /	Non-Residential Structure
Okeechobee	3001	Barn	77.2	Within Pipe Yard	374.8, west	Proposed Pipe Yard Barn to be Removed	Residential Building
	3001	Barn	77.2	17.4, west	101.9, west	Proposed Pipe Yard Barn to be Removed	Non-Residential Structure
Okeechobee	3001	Shed	77.3	1.5, west	88.1, west	<u>b</u> /	Non-Residential Structure
	3001	Open Barn	77.4	0.0	29.8, west	Barn to be Removed	Non-Residential Structure
	3001	Open Barn	77.4	0.0	26.5, west	Barn to be Removed	Non-Residential Structure
	3016	Storage Building	83.4	8.6, west	48.6, west	<u>b</u> /	Non-Residential Structure

**Table 8.3-2b
Other Structures within 50 Feet of the FSC Project**

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a/</u> (feet) / Direction		Mitigation <u>a/</u> , <u>b/</u>	Current Use
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)		
	3024.12	Store	84.7	29.2, east	104.2, east	<u>b/</u>	Non-Residential Structure
	3025	Restaurant	84.8	62.6, east	112.6, east	<u>b/</u>	Non-Residential Structure
	3027.41	Garage	84.9	0.0	101.3, west	Working Around Garage	Non-Residential Structure
	3027.7	Church Building	85.0	26.7, west	101.7, west	<u>b/</u>	Non-Residential Structure
St. Lucie	4008	Barn	106.6	0.0	37.0, east	Abandoned and will be removed	Non-Residential Structure
	4012.01	Shed	107.7	11.1, west	161.1, west	<u>b/</u>	Non-Residential Structure
	4014.01	Shed	108.0	30.9, west	105.9, west	<u>b/</u>	Non-Residential Structure
	4014.01	Shed	108.0	48.5, west	123.6, west	<u>b/</u>	Non-Residential Structure
	4021.5	Trailer	110.2	0.0	4.7, west	Abandoned and will be removed	Residential Trailer
Martin	5027.01	Barn	124.0	15.9, west	40.9, west	<u>b/</u>	Non-Residential Structure
Martin	5027.02	Shed	124.0	0.0	9.4, west	<u>b/</u>	Non-Residential Structure

a/ Additional mitigation information is provided in the Residential Construction Drawings, Resource Report 8, Appendix 8A.

b/ Avoid removal of mature trees, immediately restore all lawn areas after backfilling the trench, and fence the construction work throughout the open trench phase of construction.

**Table 8.3-2c
Structures to be Removed for the FSC Project**

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a</u> / (feet) / Direction (Right or Left)		Alternative routing considered and why avoidance is unfeasible	Status of Easement Negotiations
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)		
Pipeline Facilities							
Osceola	1006.2	Mobile Home	0.6	5.3, east	80.3, east	Abandoned. Avoids multiple structures located on west side of ROW	Secured
	1006.5	Bar B Q Pit	0.6	0.0	24.4, east	Limited space for boring on east side of power line easement	Secured
Polk	1036.4	Mobile Home	1.2	0.0	9.1, west	Structure able to be removed during construction	Secured
	1075.421	Shed	3.8	0.0	24.9, west	Avoids wetlands and occupied residential structures	Not Initiated
	1075.48	Metal Shop	4.1	0.0	22.7, northwest	Avoids wetlands and occupied residential structures	Not Initiated
	1075.48	Shed	4.1	0.0	25.0, northwest	Avoids wetlands and occupied residential structures	Not Initiated
	1124	Shed/Storage	12.3	0.0	18.3, east	Avoids additional forested wetland impacts and occupied residential structures	Not Initiated
	1172	Concrete Shop	15.4	0.0	1.1, east	Dilapidated building	Not Initiated
	1176	Barn/Livestock Storage	16.2	0.0	0.3, east	Avoids impact to occupied residential structures	Secured
	1175	Shed/Storage	16.2	0.0	14.0, east	Avoids impact to occupied residential structures	Secured
	1484.25	Shed	50.1	0.0	48.9, west	Avoids wetland impacts	Not Initiated
Okeechobee	3001	House	77.2	0.0	4.9, west	Avoids bisecting property and potential scrub jay habitat	Informal Discussion

**Table 8.3-2c
Structures to be Removed for the FSC Project**

Facility, County	Tract Number	Building Type	Milepost	Distance <u>a</u> / (feet) / Direction (Right or Left)		Alternative routing considered and why avoidance is unfeasible	Status of Easement Negotiations
				Edge of Workspace (Feet)	Pipeline Centerline (Feet)		
Okeechobee	3001	House	77.2	0.0	1.2, west	Avoids bisecting property and potential scrub jay habitat	Informal Discussion
	3001	Barn	77.2	Within Pipe Yard	374.8, west	Available open space, avoids impact to high quality wetlands, and potential scrub jay habitat	Informal Discussion
	3001	Barn	77.2	17.4, west	101.9, west	Avoids bisecting property and potential scrub jay habitat	Informal Discussion
	3001	House	77.3	0.0	464.7, west	Avoids bisecting property and potential scrub jay habitat	Informal Discussion
	3001	Open Barn	77.4	0.0	29.8, west	Avoids bisecting property and potential scrub jay habitat	Informal Discussion
	3001	Open Barn	77.4	0.0	26.5, west	Avoids bisecting property and potential scrub jay habitat	Informal Discussion
St. Lucie	4008	Barn	106.6	0.0	37.0, east	Avoids impacting interior of landowners property	Not Initiated
	4021.5	Mobile Home	110.1	0.0	0.7, west	Follows existing road	Not Initiated
	4021.5	Trailer	110.2	0.0	4.7, west	Avoids wetland impact and multiple road crossings	Not Initiated

**Table 8.4-1
Federal, State, Recreation, and Conservation Lands Located within 0.25 mile of the FSC Project**

Facility	County	Milepost <u>a/</u>	Name of Area	Land Ownership Management	Pipeline Crossing Length (feet) <u>b/</u>	Existing Land Uses Crossed <u>c/</u>	Area Affected (Acres) <u>d/</u>		Distance and Direction from Pipeline <u>e/</u>	Proposed Crossing Method
							Const.	Oper.		
Pipeline Facilities										
Pipeline	Polk	0.9	Upper Lakes Basin Watershed	South Florida Water Management District	N/A	N/A	N/A	N/A	0.11 miles East	N/A
		7.1 - 7.9	Reedy Creek Mitigation Bank	Private Individual(s)	N/A	N/A	N/A	N/A	0.01 miles East	N/A
		7.9 - 8.9	Upper Lakes Basin Watershed	South Florida Water Management District	0	OL	1.46	0.00	Crossed by workspace only	N/A
		8.9 - 9.4	Upper Lake Marion Creek Watershed	Southwest Florida Water Management District	2,541	OL, FW, ID	4.43	2.45	Crossed	Open Cut
		8.9	Upper Lake Marion Creek Watershed Trail	Southwest Florida Water Management District	Collocated for approximately 550 feet with the ROW, crossing the pipeline twice	OL, FW, ID	0.01	0.00	Crossed / Collocated	Open Cut
		9.5 - 10.7	Upper Lakes Basin Watershed	South Florida Water Management District	N/A	N/A	N/A	N/A	0.01 miles east	N/A
		10.7 - 10.9	Lake Wales Ridge National Wildlife Refuge	US Fish & Wildlife Service	N/A	N/A	N/A	N/A	0.01 miles East	N/A
		11.0 - 11.5	Upper Lake Marion Creek Watershed	South Florida Water Management District	177	OL, FW	0.56	0.20	Crosses	Open Cut
		12.0 - 12.0	Upper Lakes Basin Watershed	South Florida Water Management District	14	N/A	0.00	0.00	Crossed	HDD
		12.1 - 12.2	Upper Lakes Basin Watershed	South Florida Water Management District	659	OL, FW	1.28	0.66	Crossed	Open Cut
		35.4	Collany Wetland Mitigation Bank	Private Individual(s)	N/A	N/A	N/A	N/A	0.05 miles South	N/A
		36.6 - 36.7	Lake Wales Ridge State Forest	Trustees of the Internal Improvement Trust Fund	N/A	N/A	N/A	N/A	0.05 miles South	N/A
		37.6 - 37.6	North/Walk-in-Water Creek	Polk County	107	OL	0.25	0.12	Crossed	Open Cut
		38.3 - 38.5	North/Walk-in-Water Creek	Polk County	590	FW	1.78	0.57	Crossed	Open Cut
		39.8 - 43.8	SUMICA	Polk County	N/A	N/A	N/A	N/A	0.07 miles West	N/A
		40.6 - 41.3	Tiger Lake Ranch Conservation Easement	Private Individual(s)	3,400	OL, AG, FW	8.05	3.69	Crossed	Open Cut

**Table 8.4-1
Federal, State, Recreation, and Conservation Lands Located within 0.25 mile of the FSC Project**

Facility	County	Milepost ^{a/}	Name of Area	Land Ownership Management	Pipeline Crossing Length (feet) ^{b/}	Existing Land Uses Crossed ^{c/}	Area Affected (Acres) ^{d/}		Distance and Direction from Pipeline ^{e/}	Proposed Crossing Method
							Const.	Oper.		
		42.7 – 44.5	Lake Wales Ridge State Forest	Trustees of the Internal Improvement Trust Fund	9,685	OL, AG, FW	22.75	10.98	Crossed	Open Cut
		45.5 – 48.2	Lake Wales Ridge State Forest	Trustees of the Internal Improvement Trust Fund	14,545	OL, AG, FW	33.16	16.45	Crossed	Open Cut
		52.0 – 52.9	Kissimmee Chain of Lakes	South Florida Water Management District	3,611	OL, AG	9.74	3.72	Crossed	Open Cut and HDD
	Polk/ Osceola	51.9 – 53.8	Kissimmee River	South Florida Water Management District	N/A	N/A	N/A	N/A	0.9 miles south	N/A
	Okeechobee	84.8 – 85.6, 87.0	Red Bay Foundation Preserve	Red Bay Stronghold Foundation	N/A	N/A	N/A	N/A	0.03 miles East	N/A
	St Lucie	113.0 – 114.7	Bluefield Ranch	St. Lucie County	N/A	N/A	N/A	N/A	0.04 miles West	N/A
	St Lucie/ Martin	115.0	Bluefield Ranch Mitigation Bank	Private Individual(s)	N/A	N/A	N/A	N/A	0.07 miles West	N/A
	Martin	119.7 – 121.7	Allapattah Flats	South Florida Water Management District	N/A	N/A	N/A	N/A	0.00 miles east	N/A
		121.7 – 123.7	Wetlands Reserve Program Easement #145	Private Individual(s)	N/A	N/A	N/A	N/A	0.03 miles East	N/A
		123.7 – 124.1	Allapattah Flats (Williamson Ranch Parcel)	South Florida Water Management District	2,347	N/A	0.00	0.00	Crossed	HDD
<i>Access Roads</i>										
AR 11454	Polk	7.9	Reedy Creek Mitigation Bank	Private Individual(s)	N/A	OL	0.01	0.00	Crosses through southwest corner of parcel, 170 feet	N/A
AR 11454		7.9 - 8.9	Upper Lakes Basin Watershed	South Florida Water Management District	N/A	ID	3.01	0.00	Existing road located on west parcel boundary, 10,934 feet	N/A
AR 1437		9.1	Upper Lake Marion Creek Watershed Trail	Southwest Florida Water Management District	N/A	OL, ID, FW	0.39	0.00	Co-located for approximately 2,480 feet.	N/A

**Table 8.4-1
Federal, State, Recreation, and Conservation Lands Located within 0.25 mile of the FSC Project**

Facility	County	Milepost <u>a/</u>	Name of Area	Land Ownership Management	Pipeline Crossing Length (feet) <u>b/</u>	Existing Land Uses Crossed <u>c/</u>	Area Affected (Acres) <u>d/</u>		Distance and Direction from Pipeline <u>e/</u>	Proposed Crossing Method
							Const.	Oper.		
AR 1209		10.7	Upper Lakes Basin Watershed Trail/Snell Creek Trail/Upper Lakes Basin Watershed	South Florida Water Management District	N/A	OL, ID, FW	1.57	0.00	Co-located with trail for approximately 0.87 miles and crosses trail three times	N/A
AR 3456		27.4	Bok Tower Gardens Planted Pines	Bok Tower Gardens Foundation, Inc.	N/A	N/A	N/A	N/A	0.01 miles North	N/A
AR 3456		27.4	Bok Tower Gardens Preserve	Bok Tower Gardens Foundation, Inc.	N/A	N/A	N/A	N/A	0.25 miles North	N/A
AR 1237		44.5	Lake Wales Ridge State Forest	Trustees of the Internal Improvement Trust Fund	N/A	OL, ID	0.69	0.00	Crosses parcel, 2,587 feet	N/A
AR 1238		45.3	Lake Wales Ridge State Forest	Trustees of the Internal Improvement Trust Fund	N/A	OL, ID	0.71	0.00	Crosses parcel, 2,662 feet	N/A
AR 1239		43.4	Lake Wales Ridge State Forest	Trustees of the Internal Improvement Trust Fund	N/A	FW, ID, OL	4.71	0.00	Crosses parcel, 2,588 feet	N/A
AR 1241		47.4	Lake Wales Ridge State Forest	Trustees of the Internal Improvement Trust Fund	N/A	OL, ID	2.36	0.00	Crosses parcel, 8,621 feet	N/A

a/ Approximate Milepost rounded to the nearest tenth.
b/ N/A indicates there is no workspace proposed on the conservation parcel; however, the Project is located within 0.25-mile of the conservation land.
c/ OL = Open Land (non-agricultural), AG = Agricultural, FW = Forested/Woodland, RE = Residential, OW = Open Water, ID = Commercial/Industrial.
d/ Land impacted during construction includes temporary workspace, permanent easement and additional temporary workspace (where applicable).
e/ The shortest perpendicular distance between the parcel and the proposed FSC Project.

Table 8.4-2

Summary of Land Ownership Crossed by the FSC Project

Mile Post	Area	Owner	Construction Acres <u>a/</u>	Operation Acres <u>b/</u>
Public Lands				
-	Roads	FDOT	2.82	1.66
-	Roads	Polk County	4.69	2.53
-	Roads	Osceola County	0.46	0.23
-	Roads	Okeechobee County	1.42	0.71
-	Roads	St. Lucie County	0.11	0.06
-	Roads	Martin County	0.20	0.12
7.9 - 8.9	Upper Lakes Basin Watershed	South Florida Water Management District	1.46	0.00
8.9 - 9.4	Upper Lake Marion Creek Watershed	Southwest Florida Water Management District	4.43	2.45
8.9	Upper Lake Marion Creek Watershed Trail	Southwest Florida Water Management District	0.01	0.00
11.0 - 11.5	Upper Lake Marion Creek Watershed	South Florida Water Management District	0.77	0.20
12.0 - 12.0	Upper Lakes Basin Watershed	South Florida Water Management District	0.00	0.00
12.1 - 12.2	Upper Lakes Basin Watershed	South Florida Water Management District	1.92	0.66
37.6 - 37.9	North Walk-in-Water Creek	Polk County	0.25	0.12
38.5 - 38.7	Weohyakapka Creek	Trustees of the Internal Improvement Trust Fund	0.00	0.00
38.3 - 38.5	North Walk-in-Water Creek	Polk County	1.78	0.57
42.7 - 44.5	Lake Wales Ridge State Forest	Trustees of the Internal Improvement Trust Fund	22.75	10.98
45.3 - 48.0	Lake Wales Ridge State Forest	Trustees of the Internal Improvement Trust Fund	33.16	16.45
52.0 - 52.8	Kissimmee Chain of Lakes	South Florida Water Management District	9.74	3.72
52.8 - 53.5	Lake Kissimmee	Trustees of the Internal Improvement Trust Fund	0.00	0.00
123.7 - 124.1	Allapattah Flats (Williamson Ranch parcel)	South Florida Water Management District and Martin County	0.00	0.00
Public Land Total			85.97	40.46
Private Land Total			1,467.17	600.22
<u>a/</u> Construction Acres includes temporary workspace, permanent easement and additional temporary workspace (where applicable). <u>b/</u> Operation Acres includes only the new 50-foot permanent right-of-way.				

Table 8.4-3 Potential FSA Program Enrolled Lands Crossed by the FSC Project						
Facility	County	FSA Program	Tract Number	Milepost	Acres Affected	
					Construction <u>a/</u>	Operation
Allapattah Flats (Williamson Ranch Parcel) <u>b/</u>	Martin	WRP	5027.01	123.7 - 123.9	0.00	0.00
	Martin	WRP	5027.02	124.0 - 124.1	0.00	0.00
Project Total					0.00	0.00
<u>a/</u> Land impacted during construction includes temporary workspace, permanent easement, and additional temporary workspace (where applicable). <u>b/</u> WRP parcel proposed to be crossed by HDD. HDD entry and exit points are located outside of the parcel to avoid impacts.						

**Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project**

Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) <u>a/</u>	Status and Contamination Issues	Comments
Pipeline Facilities						
Osceola	0.0	Custom & Classic Auto Specialist / 6671 Osceola Polk Line Rd, Davenport, 33896-8328	1153.9	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated No Impact Based on Distance
Osceola	0.0	Custom & Classic Auto Specialist / 6671 Osceola Polk Line Rd, Davenport, 33896-8328	1153.9	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Osceola	0.1	Sandy Ridge - Phase 2 / Old Tampa Hwy & Osceola Polk L, Davenport, 33896	402.2	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Osceola	0.1	Sandy Ridge - Phase 2 / Old Tampa Hwy & Osceola Polk L, Davenport, 33896	402.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	0.8	Celebration High School Site W / 510 Campus Celebration Boulevard, Celebration, 34747	1315.3	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	0.8	Celebration Blvd Extension - Construction Package 4 - 3 / Celebration Blvd, Celebration, 34747	1315.2	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	0.8	Celebration High School Site W / 510 Campus Celebration Boulevard, Celebration, 34747	1315.3	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated No Impact Based on Distance
Polk	0.8	Celebration Construction Package 5-1 / Celebration (Nash Drive), Celebration, 34747	1315.3	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated No Impact Based on Distance
Polk	0.8	Celebration Construction Packa / Celebration (Nash Drive), Celebration, 34747	1315.3	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	0.8	Celebration Blvd Extension - Construction Package 4 - 3 / Celebration Blvd, Celebration, 34747	1315.3	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated No Impact Based on Distance
Polk	1.7	Majik Mart / 6021 Highway 17-92 N, Loughman, 33858	45.6	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - completed Cleanup Status - Site Rehabilitation Completion Order issued March 2008 Eligibility - no records available Available Info - 3 USTs removed from ground No Impact Based on Status
Polk	1.7	Hart Storage Facility - Loughman / 6004 Highway 17-92, Loughman, 33858	30.6	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - 1 AST removed No Impact Based on Status
Polk	1.7	Loughman Crossing / NW Corner Of CR 54 & US 17-92, Loughman, 33858	65.6	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	1.7	Loughman Crossing / NW Corner Of CR 54 & US 17-92, Loughman, 33858	65.6	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	1.7	Majik Mart / 6021/6023 US Hwy 17-92 North, Davenport, 33837	0.0	FDM - STATE MASTER	Closed	<ul style="list-style-type: none"> Regulated No Impact Based on Status
Polk	1.8	Sherrys / 5534 N Highway 17-92, Davenport, 33837	146.3	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - 2 USTs closed in place No Impact Based on Status
Polk	1.8	Loughman Service Center / 6004 Highway N 17-92, Loughman, 33858	39.4	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - April 1992 a Notice of Violation to complete corrective action was issued; October 1992 a Consent Order was issued; no additional records or reports were available Eligibility - eligible for Abandoned Tank Restoration Program, was requested to be switched to reimbursement later Available Info - 4 ASTs removed, 6 USTs removed from ground No Impact Based on Status
Polk	1.9	EZ Food Store #1 / 5945 Highway 17-92 N, Davenport, 33857	300.7	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - Discharge reported in April 1988; DEP requested a CAR; no additional records or reports were available Eligibility - eligible for EDI Program Available Info - 4 USTs removed from ground; 1 UST still active
Polk	1.9	Providence Mass Grading - Phase 2 / Kinney Harmon Rd & US-17-92, Davenport, 33896	11.2	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	1.9	Providence Mass Grading - Phase 2 / Kinney Harmon Rd & US-17-92, Davenport, 33896	11.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	2.1	Providence N2-3 / CR 54 And US 27, Loughman, 33858	101.1	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status

Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project

Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) <u>a/</u>	Status and Contamination Issues	Comments
Polk	2.1	Providence N2-3 / CR 54 And US 27, Loughman, 33858	101.1	FDM - STATE MASTER	Active	• Regulated
Polk	2.1	Oak Hills Boulevard Extension / CR 54 & US 27, Loughman, 33858	101.1	FDM - STATE MASTER	Active	• Regulated
Polk	2.1	Oak Hills Boulevard Extension / CR 54 & US 27, Loughman, 33858	101.1	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CWA) No Impact Based on Status
Polk	2.3	Aviana Phase 2 / Corner Of US 17-92 And Hart Rd, N/A,0	63.0	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CWA) No Impact Based on Status
Polk	2.3	Ridge At Oak Hill / 17/92/Hart Rd, N/A,0	63.0	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CWA) No Impact Based on Status
Polk	2.3	Ridge At Oak Hill / 17/92/Hart Rd, N/A,0	63.0	FDM - STATE MASTER	Active	• Regulated
Polk	2.3	Aviana Phase 2 / Corner Of Us 17-92 And Hart Rd, N/A, 0	63.0	FDM - STATE MASTER	Active	• Regulated
Polk	2.3	Aviana - Phase 2 / Us 17 & Hart Rd, Davenport, 33837	581.7	NPDES - ICIS-NPDES NON-MAJOR	Inactive	• No impact based on status
Polk	2.3	Aviana - Phase 2 / US 17 & Hart Rd, Davenport, 33837	581.7	FDM - STATE MASTER	Active	• Regulated
Polk	2.6	Providence - Phase 1 / Kinney Harmon RS & US-17-92, Davenport, 33896	1071.9	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CWA) No Impact Based on Status
Polk	2.6	Providence - Phase 1 / Kinney Harmon RS & US-17-92, Davenport, 33896	1071.9	FDM - STATE MASTER	Active	• Regulated No Impact Based on Distance
Polk	2.8	Lakeside Villas / 131 Chadwick Dr, Davenport, 33837	789.4	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CWA) No Impact Based on Status
Polk	2.8	Heritage Green / 131 Chadwick Dr, Davenport, 33837	789.4	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CWA) No Impact Based on Status
Polk	2.8	Lexington Green At Providence / Oak Hills Blvd, Davenport, 33837	942.3	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CWA) No Impact Based on Status
Polk	2.8	Heritage Green / 131 Chadwick Dr, Davenport, 33837	789.4	FDM - STATE MASTER	Active	• Regulated
Polk	2.8	Providence Golf Club House / 131 Chadwick Dr, Davenport, 33837	789.4	FDM - STATE MASTER	Active	• Regulated
Polk	2.8	Lexington Green At Providence / Oak Hills Blvd, Davenport, 33837	942.3	FDM - STATE MASTER	Active	• Regulated
Polk	2.8	Lakeside Villas / 131 Chadwick Dr, Davenport, 33837	789.4	FDM - STATE MASTER	Active	• Regulated
Polk	2.8	Providence Golf Club House / 131 Chadwick Dr, Davenport, 33837	789.4	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CWA) No Impact Based on Status
Polk	3.3	Drayton Woods - Multiple Lots / US-17 & Providence Blvd, Davenport, 33837	91.7	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CWA) No Impact Based on Status
Polk	3.3	Drayton Woods - Multiple Lots / US-17 & Providence Blvd, Davenport, 33837	91.7	FDM - STATE MASTER	Active	• Regulated
Polk	4.0	Sr-600 Roadway Resurfacing-Cul / Unknown, Davenport, 33897	76.4	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CWA) No Impact Based on Status
Polk	4.4	CEMEX - Davenport / 100 Lem Carnes Road, Davenport, 33837	72.2	FDEP Tank Facility	Open	<ul style="list-style-type: none"> • Cleanup Required - cleanup required at this time • Cleanup Status - Discharge report in June 1999; SAR submitted in March 2000 indicating no soil or GW concentrations, report recommended NFA; Approximately < 1 ton of contaminated soils removed during initial assessment; PCHD requested additional site assessment be performed; no additional information available • Eligibility - no records available • Available Info - 7 UST removed from ground, 2 ASTs closed in place, 6 ASTs still active
Polk	4.4	Cemex, Davenport #2 Ready Mix Plant / 115 Lem Carnes Road, Davenport, 33837	974.4	NPDES - ICIS-NPDES NON-MAJOR	Active	• In permit compliance - no violations (CAA & CWA) No Impact Based on Status

**Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project**

Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) <u>a/</u>	Status and Contamination Issues	Comments
Polk	4.4	Orange Industrial Services Inc / 1925 US Highway 17 92 N, Davenport, 33837-8628	1302.2	RCRAINFO - UNSPECIFIED UNIVERSE	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	4.4	Cemex Construction Materials Florida LLC / 100 Lem Carnes Rd, Davenport, 33837	466.9	AIRS/AFS - AIR MINOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Polk	4.4	Orange Industrial Services Inc / 1925 US Highway 17 92 N, Davenport, 33837-8628	1302.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated No Impact Based on Distance
Polk	4.4	Standard Sand & Silica Co / Hwy 17 & 92 North, Davenport, 33837	1080.4	NEI - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> In permit compliance (NEI) No Impact Based on Status
Polk	4.4	Cemex Construction Materials, L.P. / 115 Lem Carnes Road, Davenport, 33837	545.0	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	4.4	Cemex Construction Materials, L.P. / 115 Lem Carnes Road, Davenport, 33837	545.0	AIRS/AFS - AIR MINOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA & CWA) No Impact Based on Status
Polk	4.4	RMC Ewell Industries, Inc. (D / 115 Lem Carnes Rd., Davenport, 33837	544.0	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance No Impact Based on Status
Polk	4.4	Standard Sand & Silica Co / Hwy 17 & 92 North, Davenport, 33837	1080.4	AIRS/AFS - AIR SYNTHETIC MINOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA) No Impact Based on Status
Polk	4.4	Standard Sand & Silica Co / Hwy 17 & 92 North, Davenport, 33837	1080.4	EIS - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA) No Impact Based on Status
Polk	4.7	Three Worlds RV & MH Park / 3700 US Highway 17 92 N, Davenport, 33837-9584	693.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	11.8	FL Rock Industries / 2420 Cypress Parkway, Poinciana, 33844	942.3	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - not at this time Cleanup Status - no records available Eligibility - no records available Available Info - 1 AST currently active; July 2012 annual inspection indicated the site to be in compliance No Impact Based on Status
Polk	11.8	Florida Rock Industries Inc - Poinciana Plant / Cypress Creek Parkway, Poinciana, 34759	1002.0	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA) No Impact Based on Status
Polk	11.8	Florida Rock Industries Inc - Poinciana Plant / Cypress Creek Parkway, Poinciana, 34759	1002.0	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated No Impact Based on Distance
Polk	11.8	Florida Rock Industries Inc / 2420 Cypress Pkwy, Haines City, 33844-8018	1242.1	AIRS/AFS - AIR MINOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA) No Impact Based on Status
Polk	11.9	Circle K #7279 / Sr 580 Marion Creek, Haines City, 33844	1031.2	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	11.9	Circle K #7279 / Sr 580 Marion Creek, Haines City, 33844	1031.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated No Impact Based on Distance
Polk	12.0	Junction Foods / 5775 E Johnson Avenue, Haines City, 33844	293.3	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - cleanup underway at this time Cleanup Status - CAR submitted March 1995, GW concentrations above regulatory limits, report recommended monitoring only; Additional info submitted Sept 1995; October 1995 DEP requested additional assessment; no additional records or reports available Eligibility - eligible for PLRIP Available Info - 3 USTs removed from ground; 1 UST still active
Polk	12.0	Junction Foods / 5775 E Johnson Ave, Haines City, 33844	346.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	12.7	Halabrin Jack & Lillian / 5555 E Hinson Avenue, Haines City, 33844	172.3	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - 1 UST removed from ground No Impact Based on Status
Polk	15.6	Warren Pearce & Company / 150 Sr 546, Lake Hamilton, 33851	343.2	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	15.6	Lake Hamilton, Town Of / P.O. Box 126, Lake Hamilton, 33851-0126	343.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	15.6	Florida Tank Wash / Po Box 1463, Haines City, 338451463	343.2	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	15.6	Florida Tank Wash / Po Box 1463, Haines City, 338451463	343.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated

**Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project**

Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) <u>a/</u>	Status and Contamination Issues	Comments
Polk	15.6	Haines City, City Of / P.O. Box 1507, Haines City, 33845-1507	343.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	15.6	Warren Pearce & Company / 150 SR 546, Lake Hamilton, 33851	343.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	16.1	Dole Berry Company / 3510 Highway 546 E, Haines City, 33844	897.3	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - 3 ASTs currently active; Sept 2012 annual inspection indicated facility in compliance
Polk	16.3	Grenelefe Resort Center / 3200 State Road 546 E, Haines City, 338449720	979.7	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	16.9	Byrd Groves Inc. / 1646 Tyner Road, Haines City, 33844	920.8	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup underway at this time (?) Cleanup Status - February 2002 Well Abandonment Report submitted; no additional records or reports available Eligibility - no records available Available Info - 4 ASTs removed No Impact Based on Status
Polk	22.7	T & E Farms Inc / 5411 Saint Helena Rd, Lake Wales, 338987525	930.8	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	23.7	St Helena Road - Sand Mine / ,Lake Wales, 33898	46.3	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	23.7	C.C. Calhoun St. Helena Road Pit / Unknown, Lake Wales, 33853	28.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	24.1	Wheeler Farms Inc. - Craig Block / Masterpiece Road E of Old 40, Lake Wales, 33853	218.7	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - not at this time Cleanup Status - no records available Eligibility - no records available Available Info - 1 AST currently active; January 2014 annual inspection indicated the site to be in compliance
Polk	24.6	Waverly Growers Co Op – Jackson #107/off Star Lake Boulevard, Lake of the Hills, FL, 33853	179.6	STCOM	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup ongoing Cleanup Status – February 6, 2002. Eligibility - no records available
Polk	24.9	Florida Rock Industries Inc. - Lake Wales Plant / 807 N Scenic Highway, Lake Wales, 33853-3276	507.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations No Impact Based on Status
Polk	24.9	Taylor Industrial Coatings / 108 Dr J A Wiltshire Avenue E, Lake Wales, 33853-3526	791.0	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	24.9	Cement Products Corp / 807 N Scenic Highway, Lake Wales, 33853-3276	419.6	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	24.9	Auto Solutions Inc. / 619 N Scenic Highway, Lake Wales, 33853-3200	980.3	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	24.9	Wausau Homes Inc. / 731 N Scenic Highway, Lake Wales, 33853-3207	0.0	RCRAINFO - UNSPECIFIED UNIVERSE	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	24.9	Taylor Industrial Coatings / 108 Dr. J A Wiltshire Avenue E, Lake Wales, 33853-3526	791.0	RCRAINFO - SQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	24.9	Florida Rock Industries Inc - Lake Wales Plant / 807 N. Scenic Highway, Lake Wales, 33853-3276	507.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	24.9	Florida Rock Industries Inc - Lake Wales Plant / 807 N. Scenic Highway, Lake Wales, 33853-3276	507.5	AIRS/AFS - AIR MINOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA & CWA) No Impact Based on Status
Polk	24.9	Wausau Homes Inc / 731 N Scenic Hwy, Lake Wales, 338533207	0.0	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	24.9	Cement Products Corp / 807 N Scenic Hwy, Lake Wales, 33853-3276	419.6	RCRAINFO - UNSPECIFIED UNIVERSE	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA & CWA) No impact based on status
Polk	24.9	Wausau Homes / 731 Alt 27, Lake Wales, 33853	26.2	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - 1 UST removed from ground No Impact Based on Status
Polk	24.9	FL Rock Industries-Lake Wales / 807 N Scenic Highway, Lake Wales, 33853	225.4	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - not at this time Cleanup Status - no records available Eligibility - no records available Available Info - 1 UST removed from ground, 1 UST closed in place, 1 AST currently active; July 2012 annual inspection indicated the site to be in compliance No Impact Based on Status

**Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project**

Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) <u>a/</u>	Status and Contamination Issues	Comments
Polk	28.3	FL Rock Industries Inc. -Sandland Plt / 2200 Burns Avenue, Lake Wales, 33898	892.4	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - 5 USTs removed from ground; only available record was UST installation form from August 1993
Polk	28.3	Florida Rock Industries Inc - Sandland Plant / 2200 Burns Ave, Lake Wales, 338987949	94.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	30.6	Julies Restaurant / 4125 Highway 60 E, Lake Wales, 33853	915.7	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - Discharge report in February 1992; UST Closure Assessment Report submitted in January 1992 indicating GW concentrations above regulatory limits, no additional information available; site score listed as 44 in January 2001 Eligibility - eligible for Abandoned Tank Restoration Program Available Info - 4 USTs removed from ground No Impact Based on Status
Polk	31.3	Publix Super Markets, Store 557 / 102 Story Rd # 60,Lake Wales, 33898	589.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	31.3	Publix Super Markets, Store 557 / 102 Story Rd # 60,Lake Wales, 33898	589.2	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	31.3	Standard Sand & Silica Company / 524 Story Rd, Lake Wales, 33898-9265	0.66	NEI - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> In permit compliance No Impact Based on Status
Polk	31.3	Standard Sand & Silica Company / 524 Story Rd, Lake Wales, 33898-9265	0.66	AIRS/AFS - AIR SYNTHETIC MINOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA) No Impact Based on Status
Polk	31.3	Standard Sand & Silica Company / 524 Story Rd, Lake Wales, 33898-9265	0.66	EIS - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA) No Impact Based on Status
Polk	31.4	Boral Roofing Monierlifetile LLC / 200 Story Road, Lake Wales, 33898-9230	1055.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated No Impact Based on Distance
Polk	31.4	Boral Roofing Monierlifetile LLC / 200 Story Road, Lake Wales, 33898-9230	1055.5	AIRS/AFS - AIR SYNTHETIC MINOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Polk	31.4	Boral Roofing Monierlifetile LLC / 200 Story Road, Lake Wales, 33898-9230	1055.5	NEI - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> In permit compliance No Impact Based on Status
Polk	31.4	Boral Roofing Monierlifetile LLC / 200 Story Road, Lake Wales, 33898-9230	1055.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated No Impact Based on Distance
Polk	31.4	Boral Roofing Monierlifetile LLC / 200 Story Road, Lake Wales, 33898-9230	1055.5	EIS - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Polk	31.4	Boral Roofing Monierlifetile LLC / 200 Story Road, Lake Wales, 33898-9230	1055.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Polk	31.4	Boral Roofing Monierlifetile LLC / 200 Story Road, Lake Wales, 33898-9230	1055.5	RCRAINFO - SQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	31.4	Jenkins Lincoln Mercury / 120 S Ingraham Avenue, Lakeland, 33801	997.7	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - Discharge report in August 1994; May 2004 the DEP requested a proposal for Post Active Remediation Monitoring; no additional records or reports were available Eligibility - no records available Available Info - 1 UST removed from ground; 1 UST closed in place No Impact Based on Status
Polk	32.1	UPCO Navel Block / Highway 60 E, Lake Wales, 33853	1018.4	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - not at this time Cleanup Status - no records available Eligibility - no records available Available Info - 1 AST currently active; March 2014 annual inspection indicated the site to be in compliance No Impact Based on Status
Polk	32.1	Cold Storage Expansion / Unknown, Lake Wales, 338989279	1308.4	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status

**Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project**

Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) <u>a/</u>	Status and Contamination Issues	Comments
Polk	32.2	Alitiger Enterprises Inc. / 10 Miles N Of Lake Alfred, Lake Alfred, 33850	262.8	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - 1 AST closed in place, 1 AST currently active
Polk	32.2	Alcoma Packing Co / 5937 Highway 60 E, Lake Wales, 33853	262.8	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - no tanks listed No Impact Based on Status
Polk	32.3	Citrusuco North America Inc / 5937 Highway 60 East, Lake Wales, 33898-9279	667.3	ICIS - FORMAL ENFORCEMENT ACTION	Closed	<ul style="list-style-type: none"> Violations of Reporting Requirements Unilateral Administrative Order Without Adjudication No Impact Based on Status
Polk	32.3	Citrusuco North America Inc / 5937 Highway 60 East, Lake Wales, 33898-9279	667.3	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA & RCRA) No Impact Based on Status
Polk	32.3	Citrusuco North America Inc / 5937 Highway 60 East, Lake Wales, 33898-9279	667.3	NEI - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> In permit compliance No impact based on status
Polk	32.3	Citrusuco North America Inc / 5937 Highway 60 East, Lake Wales, 33898-9279	667.3	Toxic Releases (TRI)	Active	<ul style="list-style-type: none"> In permit compliance No impact based on status
Polk	32.3	Citrusuco North America Inc / 5937 Highway 60 East, Lake Wales, 33898-9279	667.3	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	32.3	Citrusuco North America Inc / 5937 Highway 60 East, Lake Wales, 33898-9279	667.3	AIRS/AFS - AIR MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA & RCRA) No Impact Based on Status
Polk	32.3	Citrusuco North America, Inc. / 5937 Hwy 60 East, Lake Wales, 33898	690.9	EIS - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> No impact based on status
Polk	32.3	Citrusuco North America Inc / 5937 Highway 60 East, Lake Wales, 33898-9279	667.3	NEI - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> No impact based on status
Polk	32.7	RLF Cypress Land Holdings-U & H grove / Friendlander Road, Lake Wales,	608.3	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - 3 ASTs removed; October 2006 annual inspection indicated major out of compliance, financial responsibility overdue, tanks removed without proper notification or inspection No Impact Based on Status
Polk	33.3	Saddlebag Market / 7206 Highway 60 E, Lake Wales, 33853	348.3	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - 4 USTs removed from ground No Impact Based on Status
Polk	33.4	Saddlebag Lake Resort / 499 Saddlebag Lake Road, Lake Wales, 33898	1113.5	ACRES - BROWNFIELD S PROPERTY		<ul style="list-style-type: none"> No impact based on status
Polk	34.1	Lake Aurora Christian Assembly Camp / 237 Golden Bough Rd, Lake Wales, 33898-9410	117.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	34.7	George Breen Inc / 101 Breen Rd, Lake Wales, 33898-7032	222.4	RCRAINFO - UNSPECIFIED UNIVERSE	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	34.7	George Breen Inc / 101 Breen Rd, Lake Wales, 33898-7032	222.4	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	35.2	Union 76-Stembridges / 8625 Highway 60 E, Lake Wales, 33853	46.1	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - Discharge documented in June 1988; Preliminary CAR submitted in November 1988, gw concentrations above regulatory limits; no additional records or reports were available Eligibility - eligible for EDI Program Available Info - 4 USTs removed from ground No Impact Based on Status
Polk	36.4	Keen Site A Raf / 115 R J Keene Rd, Lake Wales, 33898-2742	15.4	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	37.5	Ranchlands Fire Rescue / Unknown, Lake Wales, 33898	97.8	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	37.2	GTE Of FL Lake Wales / Highway 60 E, Lake Wales, 33853	1112.9	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no records available Cleanup Status - no records available Eligibility - no records available Available Info - 1 UST removed from ground No Impact Based on Status

**Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project**

Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) <u>a/</u>	Status and Contamination Issues	Comments
Polk	40.4	Sumica Natural Area / State Road 60, Unknown, 0	0.0	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	40.4	Sumica Natural Area / State Road 60, Unknown, 0	0.0	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	41.8	Jimmys Food & Deli / 14907 Highway 60 E, Lake Wales, 33899	528.2	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - Discharge report in December 1993; this is a DOT owned property; May 2002 FDEP requested a CAR; July 2002 DOT claimed exception from liability Eligibility - eligible for Petroleum Cleanup Participation Program Available Info - 3 USTs removed from ground No Impact Based on Status
Polk	41.8	Jimmys Food & Deli / 14907 Highway 60 E, Lake Wales, 33898	406.8	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - Replacement of Fill Port Sumps report submitted January 2009, indicating soil concentrations above regulatory limits at the spill buckets; Discharge Report Form submitted in January 2009 - however, notes on form indicate that it should be disregarded Eligibility - no records available Available Info - 1 UST removed from ground, 3 USTs currently active
Polk	51.4	Hardee Station Inc. C E/24203 Highway 60 East, Lake Wales, 33853	277.1	FDEP Tank Facility	Closed	No Impact Based on Status
Polk	52.3	Oasis Tract Hydrologic Restora / Unknown, Lake Wales, 33898	379.3	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	53.1	Oasis Marina Inc. / 25601 Highway 60 E, Lake Wales, 33853	778.1	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - UST Closure Report submitted June 2001, indicating 3 USTs removed, 2,300 tons of contaminated soil removed, low gw concentrations above regulatory limits, report recommended installation of remedial system; SAR submitted in October 2001, revised and resubmitted in November 2001, indicated gw concentrations above regulatory limits; no additional reports or records available Eligibility - no records available Available Info - 6 USTs removed from ground No Impact Based on Status
Osceola	54.9	Mack Farms / 26689 E HWY 60 12 W Of Yeehaw, Osceola County	209.7	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - unknown Cleanup Status - UST removed in January 1995 and no closure assessment was performed; no additional information available Eligibility - no information available Available Info - 1 UST removed from ground; 1 AST active No Impact Based on Status
Osceola	58.5	Sr-60 [FDOT 415509] / Unincorporated, 34972	669.3	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Osceola	72.0	Fd Destiny Credit LLC-Yeehaw Grove / Hwy 60 0.5 Mi. W Of Yeehaw Junction, Yeehaw Junction, 34972	1157.2	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - Discharge dated December 1988, UST and 10 cubic yards of contaminated soil removed December 1988; IRA Report submitted February 1990 indicating no groundwater concentrations, report recommended NFA; last site score was 34 in July 1990; no additional information Eligibility - eligibility undetermined Available Info - 1 UST removed from ground; 4 USTs still active No Impact Based on Distance
Okeechobee	72.7	Service Plaza / SE Corner of US 441 & SR 60, Yeehaw Junction, 34972	146.7	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Okeechobee	72.7	Service Plaza / SE Corner of US 441 & SR 60, Yeehaw Junction, 34972	146.7	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Osceola	72.8	Desert Inn / 5570 S Kenansville Rd, Yeehaw Junction, 34972	39.4	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - 7 abandoned USTs discovered, soil vapor concentrations detected; Closure Assessment submitted in July 1996 indicating high gw concentrations; site score was 31 in August 1999; no additional information available Eligibility - eligible under the Abandoned Tank Restoration Program Available Info - 6 USTs removed from ground, 1 UST closed in place No Impact Based on Status

**Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project**

Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) <u>a/</u>	Status and Contamination Issues	Comments
Osceola	72.8	Amoco Station #238 / US Hwy 441 & SR 60, Yeehaw Junction, 34972	101.71	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - March 1991 a Verification of Contamination was submitted indicating soil vapors above 1000 ppm; site score was 35 in December 1992; April 1993 a field work notification was submitted for gw monitoring well sampling, no report or results available for review; no additional information available Eligibility - eligible under the reimbursement program Available Info - 2 USTs removed from ground No Impact Based on Status
Osceola	72.8	Latt Maxcy Property / 5801 Kenansville Road, Yeehaw Junction, FL, 33472	55.8	STCOM	Closed	<ul style="list-style-type: none"> FAC ID is listed as closed. A discharge reported in Aug 1987, a Contamination Assessment Report was in preparation in Jan 1988. Nothing was submitted and no additional reports or info available. No Impact Based on Status
Osceola	72.9	Super Stop Truck Stop / 2970 E Hwy 60, Yeehaw Junction, 33472	318.9	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - cleanup required at this time Cleanup Status - 1st discharge reported in July 1986, second discharge report in October 1992; no additional information available Eligibility - eligible under the reimbursement program and EDI <ul style="list-style-type: none"> Available Info - 5USTs removed from ground No Impact Based on Status
Osceola	72.9	Pilot Travel Center #96 / 3051 SR 60, Okeechobee, 34972	413.4	STCOM	Active	<ul style="list-style-type: none"> FAC ID is listed as OPEN. A release in June 1988. A Contamination Assess. Report submitted in May 1989, indicating ground water and soil contamination. No additional info, but remediation is likely required.
Osceola	73.0	Pilot Travel Center #96 / 3051 SR 60, Okeechobee, 34972	520.7	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Osceola	73.0	Sunshine Food Mart #12 / 3055 Highway 60, Yeehaw Junction, FL, 33472	613.5	STCOM	Active	<ul style="list-style-type: none"> Facility is OPEN. A discharge was reported in Dec 1992. A Site Characterization Screening (by ECT) was performed at the site in Dec 2012, both soil and ground water contamination was documented. The report recommended that additional assessment/remediation was required and that the site would have to wait for funding. The DEP agreed. No additional work has been done to date.
Osceola	73.1	Texaco Station-Latt Maxcy Corp / State Route 60 & Turnpike, Yeehaw Junction, FL, 33472	1184.4	STCOM	Pending	<ul style="list-style-type: none"> The facility is listed as Closed. A Remedial Action Plan was submitted in 2003, remediation is required. In Dec 2005, ground water sampling was performed, with ground water contamination above target levels. No additional info was available. However, remediation is still required. No Impact Based on Status
Okeechobee	78.5	Fort Drum Service Station / 42380 US 441 N, Okeechobee, 34972	341.2	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no cleanup required at this time Cleanup Status - NFA for Sept 1999 release Eligibility - ineligible (no indication of contamination) Available Info - none available No Impact Based on Status
Okeechobee	80.7	Recreation Corporation / Unknown, Okeechobee, 0	313.7	EIS - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY		<ul style="list-style-type: none"> No impact based on status
Okeechobee	83.4	Rocking K Ranch / 34515 Hwy 441 N, Okeechobee, 34972	34.5	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no info available Cleanup Status - no info available Eligibility - no information available Available Info - no info available No Impact Based on Status
Okeechobee	84.2	Paul Calcaterra Alligator Park / 33285 US 441 North, Okeechobee, 34972	24.0	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Okeechobee	84.8	Beattys Garage / Hwy 441 N & NE 326th Trl, Okeechobee, 34972	102.2	FDEP Tank Facility	Closed	<ul style="list-style-type: none"> Cleanup Required - no cleanup required at this time Cleanup Status - not applicable Eligibility - ineligible for Abandoned Tank Restoration Program Available Info - 3 USTs removed from ground No Impact Based on Status
Okeechobee	84.8	Shoulder Rework & Sod Placement / Okeechobee, 34972	0.0	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Okeechobee	85.9	Fort Drum General Store #435 / 31309 Hwy 441 N, Okeechobee, 34972	570.1	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - no cleanup required at this time Cleanup Status - May 1988 release, limited scope CAR submitted in March 1994, monitoring wells installed, all groundwater results were below detectable limits, recommended NFA, no further information Eligibility - eligible Available Info - 3 USTs removed from ground, 2 active USTs No Impact Based on Status

**Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project**

Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) <u>a/</u>	Status and Contamination Issues	Comments
Okeechobee	86.2	Fort Drum General Store / 30850 Highway 441 North, Okeechobee, 34972-6828	12.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Okeechobee	86.2	Fort Drum General Store / 30850 Highway 441 North, Okeechobee, FL, 34972	91.9	STCOM	Active	<ul style="list-style-type: none"> In permit compliance No Impact Based on Status
Okeechobee	86.2	Fort Drum General Store / 30850 Highway 441 North, Okeechobee, 34972-6828	12.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Okeechobee	88.6	Scott 6000 Grove / 27200 NE 48th Ave, Okeechobee, 34972-7727	116.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Okeechobee	88.6	Scott 6000 Grove / 27200 NE 48th Avenue, Okeechobee, 34972-7727	116.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Okeechobee	94.4	Griffin Industries Inc. / 8950 NE 224th St, Okeechobee, 34972	761.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Okeechobee	94.4	Griffin Industries Inc. / 8950 NE 224th St, Okeechobee, 34972	761.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Okeechobee	100.5	North Barrow Area / 10800 Ne 128th Ave, Okeechobee, 34972	324.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
St. Lucie	102.1	Smith Ranch Parcels KE 100-152 and KE 100-228 / 30880 Okeechobee Road, Fort Pierce, FL, 34945	547.9	COMET	Active	<ul style="list-style-type: none"> Available Info - no info available
St. Lucie	103.5	Sr 70 / Unknown, Fort Pierce, 34947	238.2	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Martin	115.0	Evans Properties Inc-Brown Ranch #6 / C-23 Canal Rd, Stuart,	197.5	FDEP Tank Facility	Open	<ul style="list-style-type: none"> Cleanup Required - currently in compliance, no cleanup required at this time Cleanup Status - not applicable Eligibility - no information available Available Info - currently has 1 AST, no apparent contamination
Martin	118.6	Dunklin Memorial Rehab Camp / Sr 714 At 6.4 Miles East of SR 710,(10 Miles N of Indiantown),	157.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated – no violations (SDWA) No Impact Based on Status
Martin	118.8	Hampton Ranches / Cr-714 & Hosanah Lane, Palm City, 34990	1295.6	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Martin	118.8	Hampton Ranches / Cr-714 & Hosanah Lane, Palm City, 34990	1295.6	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Martin	124.4	Williamson Ranch Wetland Restoration Project / 22901 SW Warfield Blvd, Indiantown, 34956	70.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Martin	124.0	Williamson KE 100-103, 064/, Indiantown, FL 34956	1141.7	COMET	Pending	<ul style="list-style-type: none"> Pending other cleanup
Contractor Yards						
Polk	4.4	Rinker Materials / 100 Lem Carnes Road, Davenport, 33837-2607	70.9	TRIS - TRI REPORTER	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Polk	4.4	Rinker Materials / 100 Lem Carnes Road, Davenport, 33837-2607	70.9	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	4.4	Rinker Materials / 100 Lem Carnes Road, Davenport, 33837-2607	70.9	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	4.4	Sitescape Materials / 3 Miles N Of Davenport Off US 17-92 To E, Davenport, 33836	615.2	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	4.4	Rinker Materials / 100 Lem Carnes Road, Davenport, 33837-2607	70.9	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Polk	4.4	Rinker Materials / 100 Lem Carnes Road, Davenport, 33837-2607	70.9	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Polk	4.4	Rinker Materials / 100 Lem Carnes Road, Davenport, 33837-2607	70.9	BR - HAZARDOUS WASTE BIENNIAL REPORTER	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Polk	4.4	Rinker Materials / 100 Lem Carnes Road, Davenport, 33837-2607	70.9	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Polk	24.9	Sids Lawn Care / 728 N Scenic Highway, Lake Wales, 338533208	166.7	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated

**Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project**

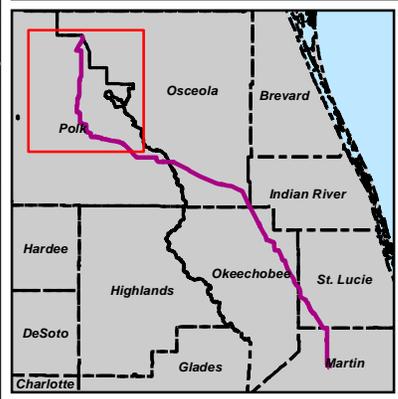
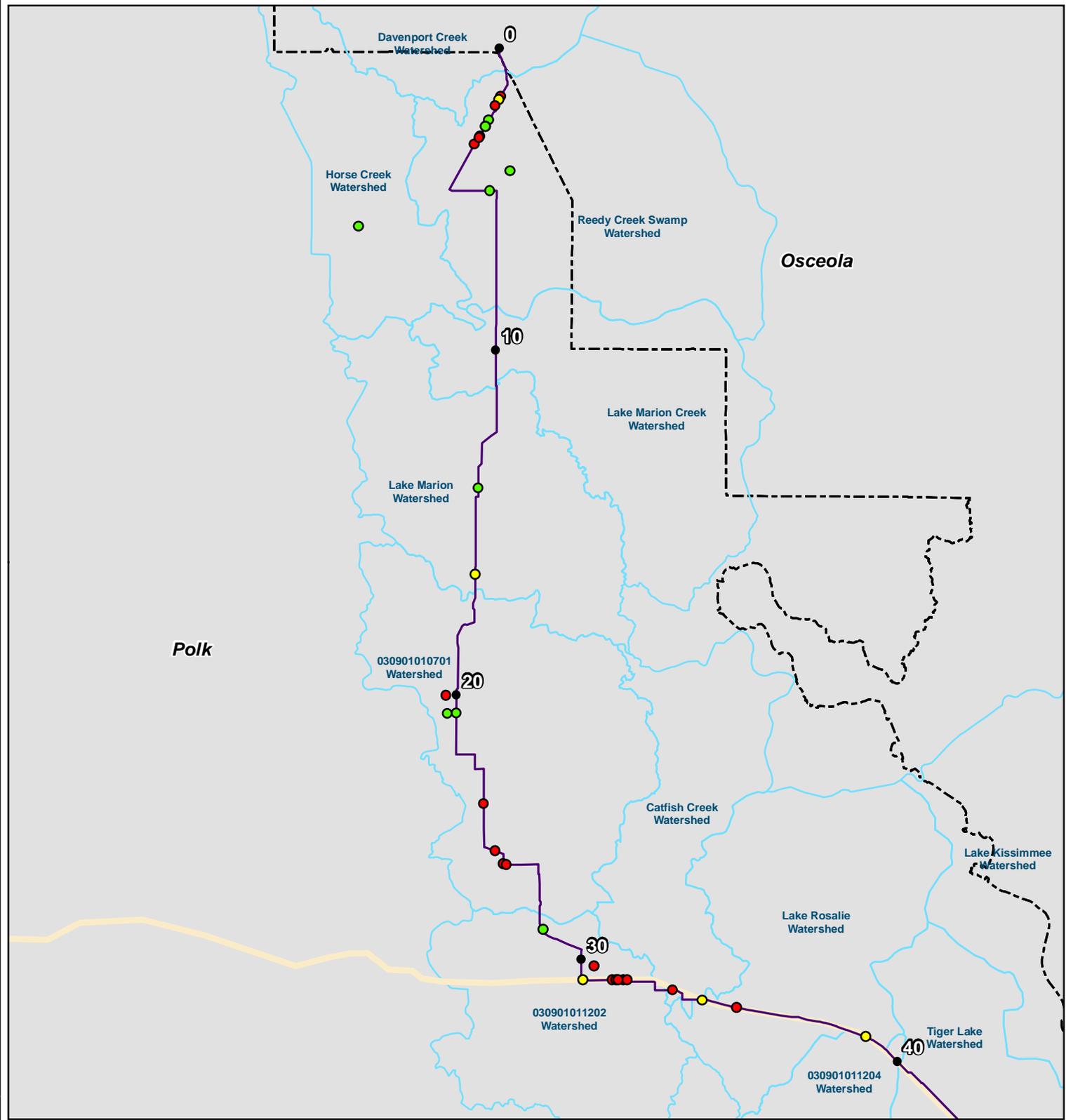
Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) <u>a/</u>	Status and Contamination Issues	Comments
Polk	24.9	Sids Lawn Care / 728 N Scenic Highway, Lake Wales, 338533208	166.7	RCRAINFO - UNSPECIFIED UNIVERSE	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	24.9	Cumberland Farms #1068 / 800 N Scenic Highway, Lake Wales, 33853-3236	272.6	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	24.9	Cumberland Farms #1068 / 800 N Scenic Highway, Lake Wales, 33853-3236	272.6	RCRAINFO - UNSPECIFIED UNIVERSE	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	24.9	Sunrise Park Apartments / Unknown, Lake Wales, 338532200	322.8	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	24.9	Mid State Energy - Expansion / 210 E N Ave, Lake Wales, 33853-3218	371.4	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	24.9	Mid State Energy - Expansion / 210 E N Ave, Lake Wales, 33853-3218	371.4	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	24.9	Highland Oil Co Used Oil Division / 810 Scenic Ave, Lake Wales, 33853	616.5	RCRAINFO - UNSPECIFIED UNIVERSE	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	24.9	Highland Oil Co Used Oil Division / 810 Scenic Ave, Lake Wales, 33853	616.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	24.9	Ridge Fertilizer (Formerly Wings, Wheels, & Keels Expo, Inc.)/1049 US Alt 27, Lake Wales, FL, 33859	797.2	ACRES - BROWNFIELD S PROPERTY		<ul style="list-style-type: none"> No Impact Based on Status
Polk	24.9	Highlands Oil Co Inc / 1130 N Scenic, Lake Wales, 33853-3249	899.9	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated
Polk	24.9	Highlands Oil Co Inc / 1130 N Scenic, Lake Wales, 33853-3249	899.9	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	24.9	Roosevelt Academy / 115 East St, Lake Wales, 33853-3537	1037.7	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
<ul style="list-style-type: none"> Access Roads 						
Polk	25.7	Church Of God By Faith / 640 Burns Ave, Lake Wales, 33853	432.4	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	25.7	Lake Wales Senior High School / #1 Highlander Way, Lake Wales, 33853	783.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Polk	25.7	Church Of God By Faith / 640 Burns Ave, Lake Wales, 33853	432.4	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Polk	25.7	Lake Wales Senior High School / #1 Highlander Way, Lake Wales, 33853	783.5	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (RCRA) No Impact Based on Status
Okeechobee	102.5	Okeechobee Landfill / 10800 Northeast 128th Avenue, Okeechobee, 34972-7105	926.5	RCRAINFO - CESQG	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Okeechobee	102.5	Okeechobee Landfill / 10800 Northeast 128th Avenue, Okeechobee, 34972-7105	926.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Okeechobee	102.5	Okeechobee Landfill / 10800 Northeast 128th Avenue, Okeechobee, 34972-7105	926.5	E-GGRT - GREENHOUSE GAS REPORTER	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Okeechobee	102.5	Okeechobee Landfill / 10800 Northeast 128th Avenue, Okeechobee, 34972-7105	926.5	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Okeechobee	102.5	Okeechobee Landfill / 10800 Northeast 128th Avenue, Okeechobee, 34972-7105	926.5	AIRS/AFS - AIR MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Okeechobee	102.5	Okeechobee Landfill / 10800 Northeast 128th Avenue, Okeechobee, 34972-7105	926.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Okeechobee	102.5	Okeechobee Landfill / 10800 Northeast 128th Avenue, Okeechobee, 34972-7105	926.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Okeechobee	102.5	Okeechobee Landfill / 10800 Northeast 128th Avenue, Okeechobee, 34972-7105	926.5	NEI - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> No impact based on status

**Table 8.4-4
Environmental Sites within 0.25 Mile of the FSC Project**

Facility, County	Milepost	Site Name/Address	Distance from Project (feet)	Relevant Database(s) ^{a/}	Status and Contamination Issues	Comments
Okeechobee	102.5	Okeechobee Landfill / 10800 Northeast 128th Avenue, Okeechobee, 34972-7105	926.5	EIS - CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
Okeechobee	102.5	Okeechobee Landfill / 10800 Northeast 128th Avenue, Okeechobee, 34972-7105	926.5	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CAA, CWA & RCRA) No Impact Based on Status
St. Lucie	103.5	SR 70 / Unknown, Fort Pierce, 34947	238.2	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Martin	120.3	Hammock Colony Ranches / 8493 Boca Rio Dr, Indiantown, 34956	606.9	NPDES - ICIS-NPDES NON-MAJOR	Active	<ul style="list-style-type: none"> In permit compliance - no violations (CWA) No Impact Based on Status
Martin	120.3	Hammock Colony Ranches / 8493 Boca Rio Dr, Indiantown, 34956	606.9	FDM - STATE MASTER	Active	<ul style="list-style-type: none"> Regulated

a/ ACRES = Assessment, Cleanup and Redevelopment Exchange System
 AFS = Air Facility System
 BR = National Biennial RCRA Hazardous Waste Report
 EIS = Emission Inventory System
 E-GGRT = Electronic Greenhouse Gas Reporting Tool
 FDM = Fiesta Data Maintenance
 ICIS = Integrated Compliance Information System
 NEI = National Emissions Inventory
 NPDES = National Pollutant Discharge Elimination System
 RCRAInfo = Resource Conservation and Recovery Act Information
 TRIS = Toxics Release Inventory System

FIGURES



Legend

- Commercial/Industrial
- Residential
- Special Land Use
- FSC_Milepost_Tens_071014
- Pipeline Centerline
- State Route 60
- HUC 12 Watershed

Miles

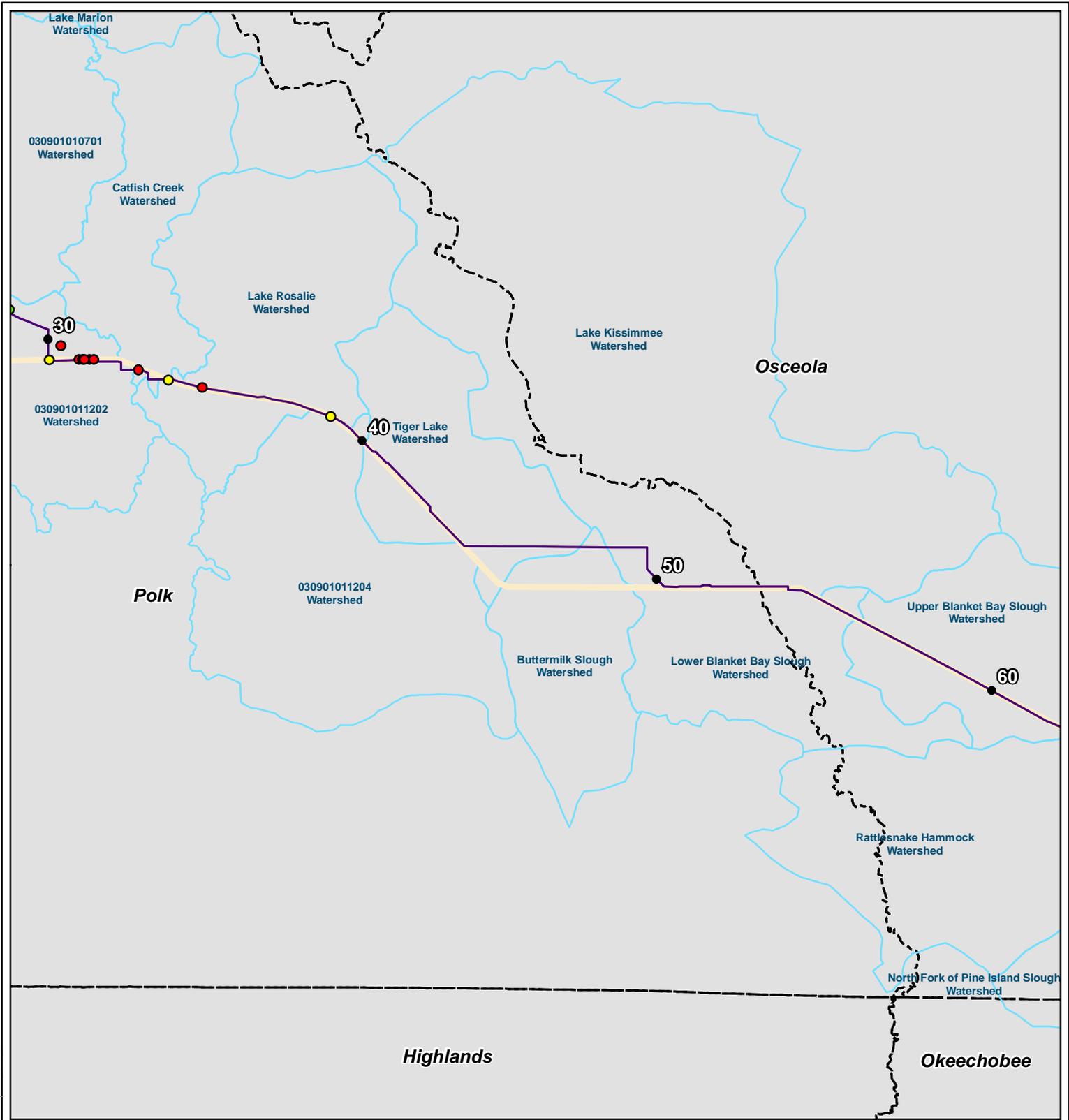
Sources: ESRI, FSC, TRC

FLORIDA SOUTHEAST CONNECTION™

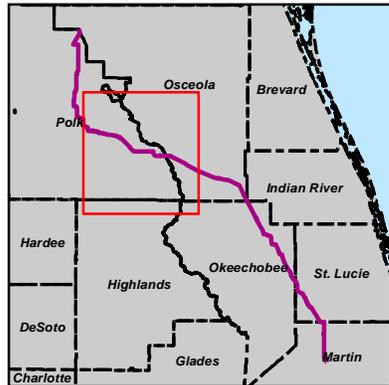
Figure: 8.3-1
Ongoing or Planned Residential
and Commercial Projects within the
General Area of the FSC Project

Sheet 1 of 4

9/2/2014



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Legend

- Commercial/Industrial
- Residential
- Special Land Use
- FSC_Milepost_Tens_071014
- Pipeline Centerline
- State Route 60
- HUC 12 Watershed

Miles

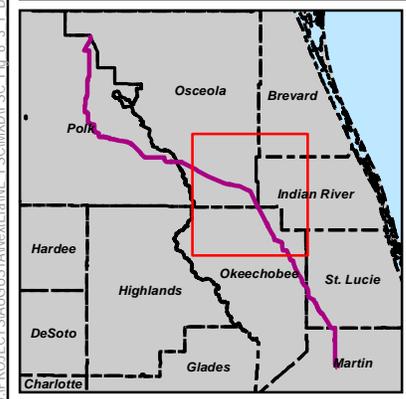
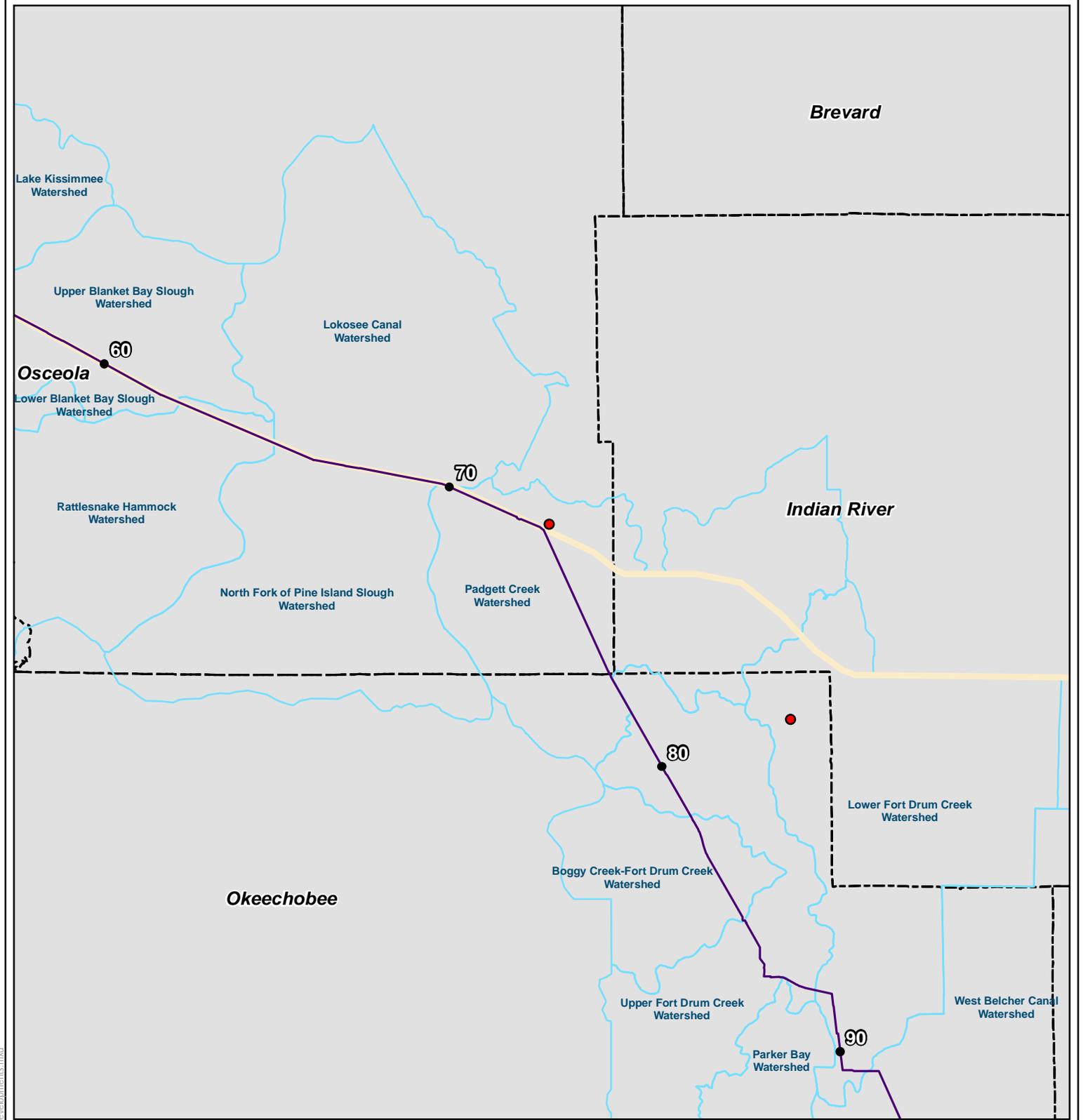
Sources: ESRI, FSC, TRC

FLORIDA SOUTHEAST CONNECTION™

Figure: 8.3-1
Ongoing or Planned Residential
and Commercial Projects within the
General Area of the FSC Project

Sheet 2 of 4

9/2/2014



Legend

- Commercial/Industrial
- Residential
- Special Land Use
- FSC_Milepost_Tens_071014
- Pipeline Centerline
- State Route 60
- HUC 12 Watershed

Miles

Sources: ESRI, FSC, TRC

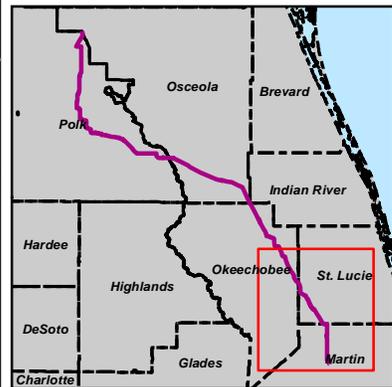
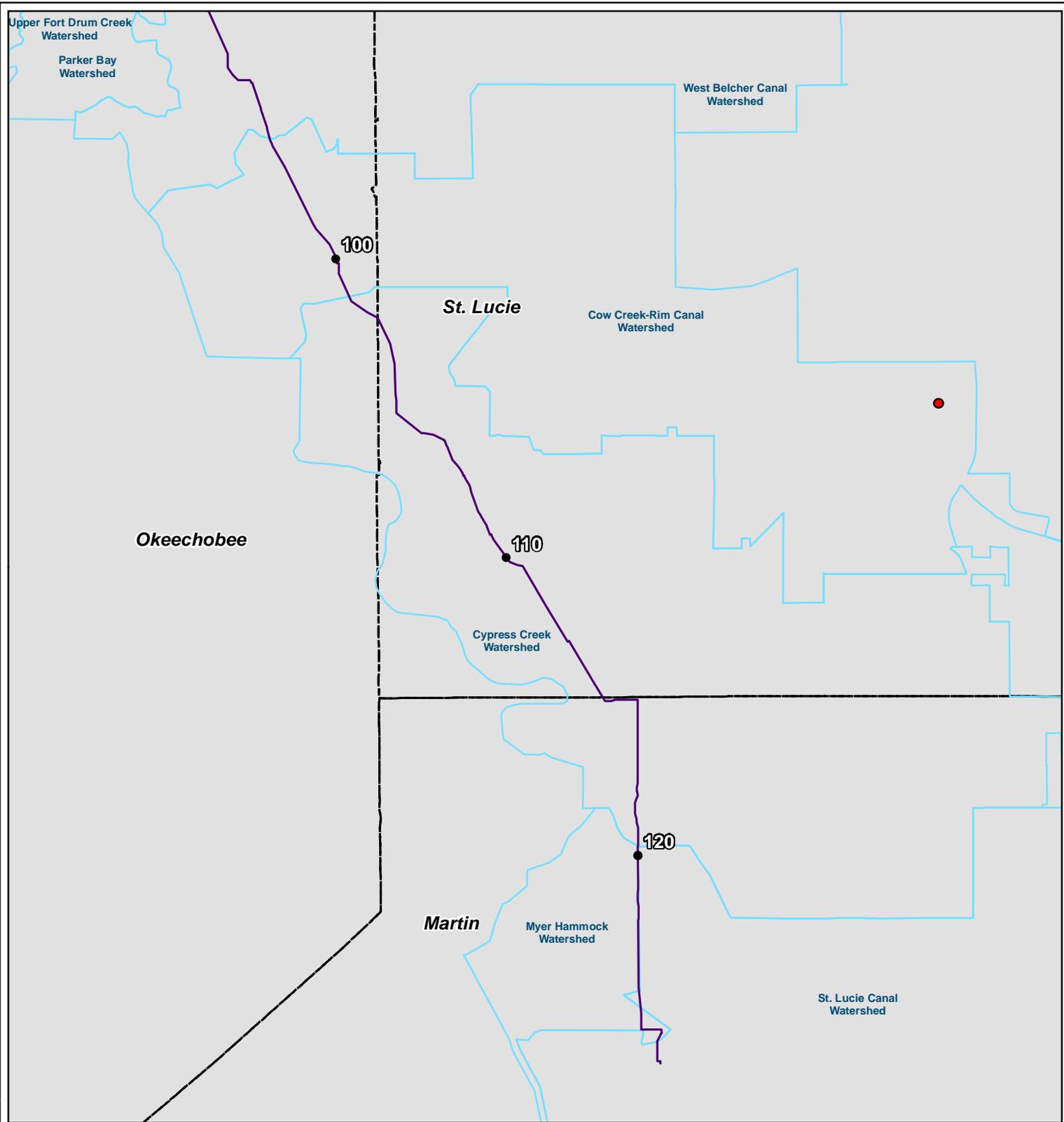
FLORIDA SOUTHEAST CONNECTION™

Figure: 8.3-1
Ongoing or Planned Residential
and Commercial Projects within the
General Area of the FSC Project

Sheet 3 of 4

9/2/2014

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Legend

- Commercial/Industrial
- Residential
- Special Land Use
- FSC_Milepost_Tens_071014
- Pipeline Centerline
- State Route 60
- HUC 12 Watershed

Miles

Sources: ESRI, FSC, TRC

FLORIDA SOUTHEAST CONNECTION™

Figure: 8.3-1
Ongoing or Planned Residential
and Commercial Projects within the
General Area of the FSC Project

Sheet 4 of 4

9/2/2014



FIGURE 8.4.1. SHEET (1 of 21)

Upper Lakes Basin Watershed and Bill Johnston Memorial Pathway Ronald Regan Parkway Connector

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas

Sources: ECT,2014.





FIGURE 8.4.1. SHEET (2 of 21)

Reedy Creek Mitigation Bank and Upper Lakes Basin Watershed

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas

Sources: ECT,2014.





FIGURE 8.4.1. SHEET (3 of 21)

Upper Lakes Marion Creek Watershed and Upper lakes Basin Watershed

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas

Sources: ECT,2014.





FIGURE 8.4.1. SHEET (4 of 21)
Upper Lakes Basin Watershed

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





FIGURE 8.4.1. SHEET (5 of 21)
 Bok Tower Gardens Planted Pines and Bok Tower Gardens Preserve

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas

Sources: ECT,2014.



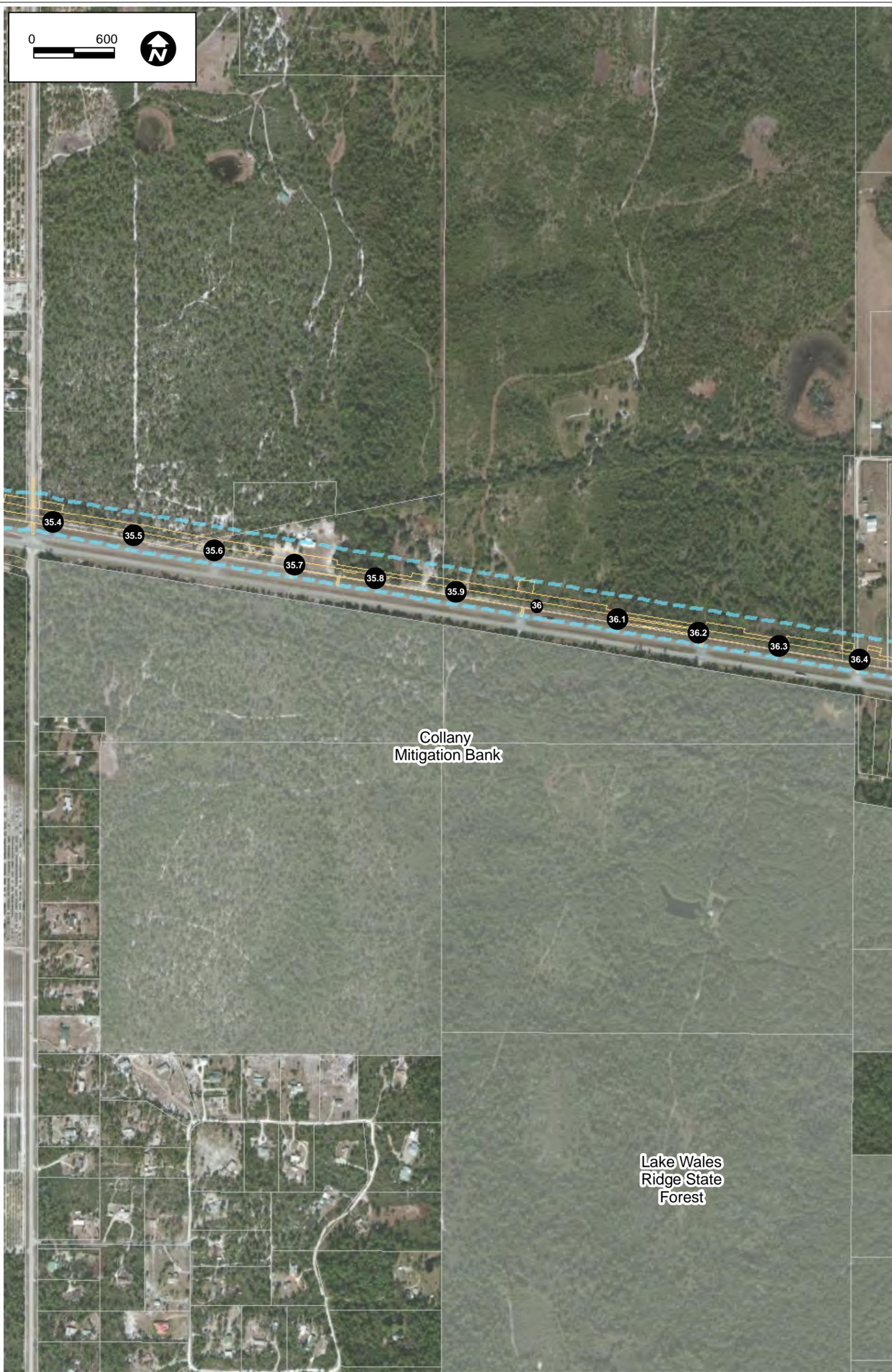


FIGURE 8.4.1. SHEET (6 of 21)
Collany Mitigation Bank

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▭ Crossing Areas
- ▭ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





FIGURE 8.4.1. SHEET (7 of 21)
 Lake Wales Ridge State Forest

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▭ Crossing Areas
- ▭ Trails
- ▭ Parcels
- ▭ ROW / Work Areas

Sources: ECT,2014.





FIGURE 8.4.1. SHEET (8 of 21)
 North Walk-In-Water Creek

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





FIGURE 8.4.1. SHEET (9 of 21)
North Walk-In-Water Creek

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





FIGURE 8.4.1. SHEET (10 of 21)
SUMICA

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▭ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas



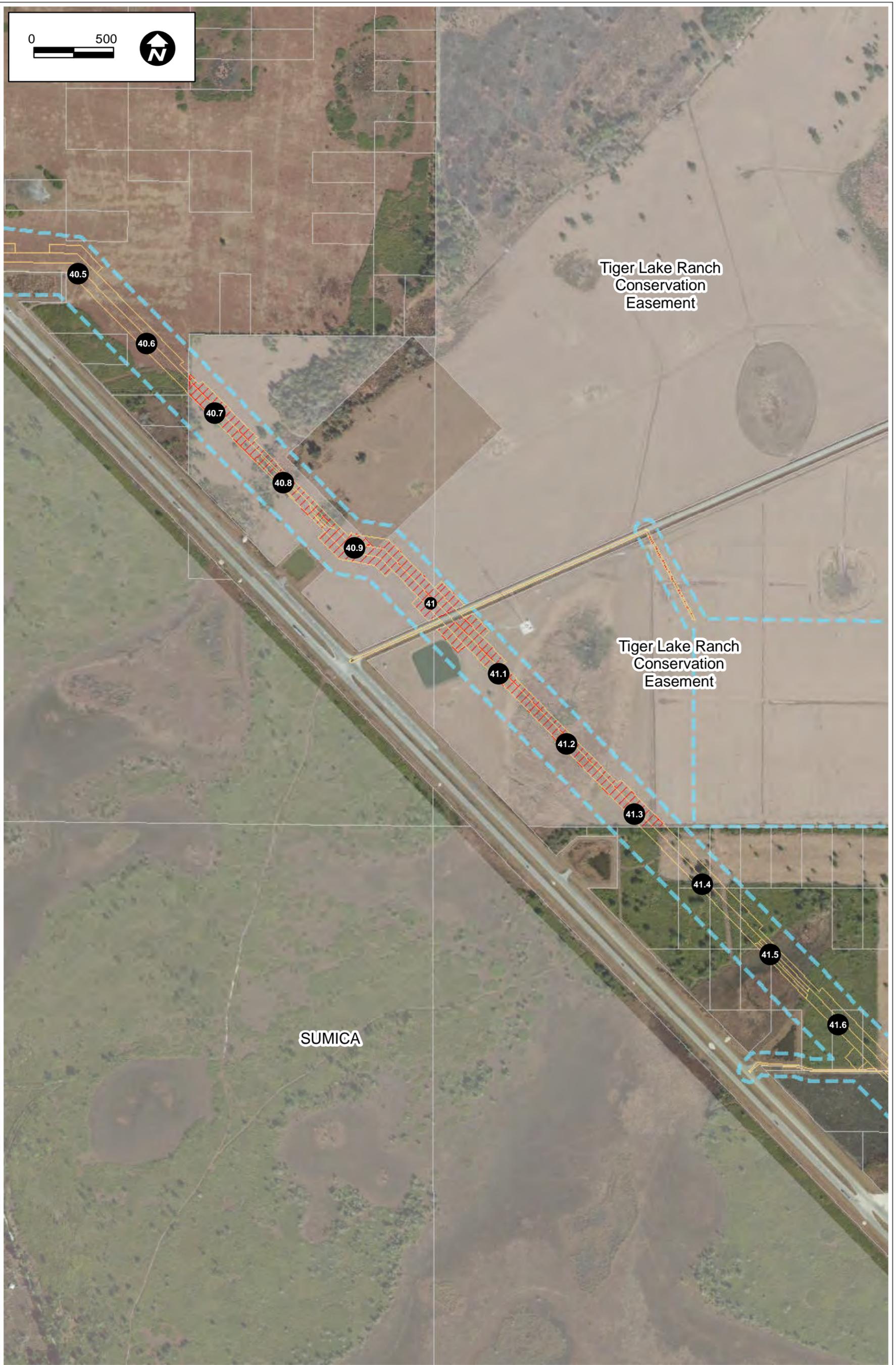


FIGURE 8.4.1. SHEET (11 of 21)
Tiger Lake Ranch Conservation Easement

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas

Sources: ECT,2014.



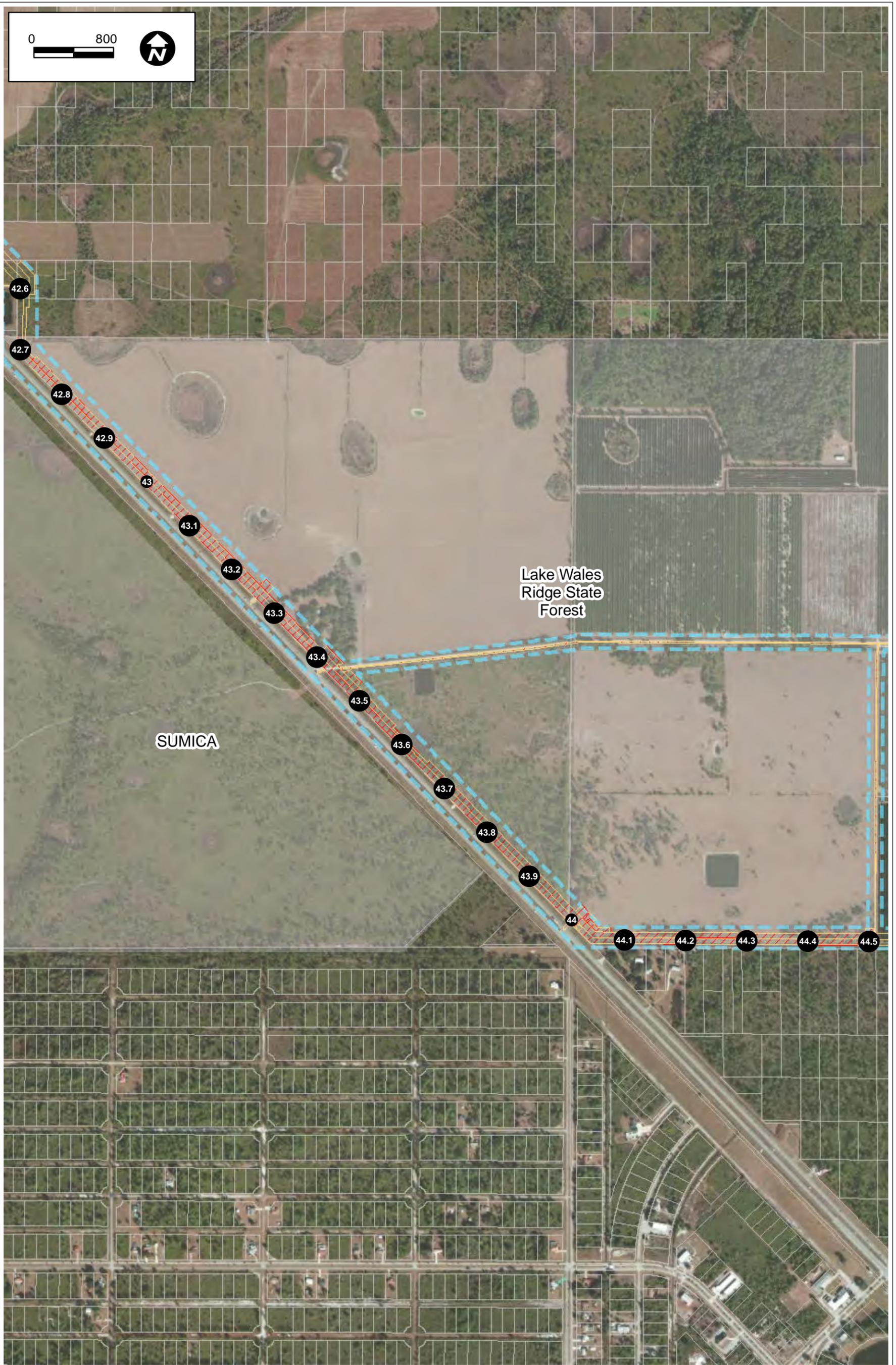


FIGURE 8.4.1. SHEET (12 of 21)
 Lake Wales Ridge State Forest

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





FIGURE 8.4.1. SHEET (13 of 21)
Lake Wales Ridge State Forest

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





FIGURE 8.4.1. SHEET (14 of 21)
 Lake Wales Ridge State Forest

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





FIGURE 8.4.1. SHEET (15 of 21)
 Kissimmee River and Kissimmee Chain of Lakes

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





FIGURE 8.4.1. SHEET (16 of 21)
 Kissimmee River Trail and State Road 60 Trail

Sources: ECT,2014.

- Mile Post
- ▬ Survey Area
- ▬ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▬ Parcels
- ▬ ROW / Work Areas





FIGURE 8.4.1. SHEET (17 of 21)
Red Bay Foundation Preserve

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▭ Crossing Areas
- ▭ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





FIGURE 8.4.1. SHEET (18 of 21)

Blue Field Ranch and Blue Field Ranch Mitigation Bank

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas

Sources: ECT,2014.





FIGURE 8.4.1. SHEET (19 of 21)
Allapattah Flats

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





FIGURE 8.4.1. SHEET (20 of 21)
Wetlands Preserve Program Easement #145

Sources: ECT,2014.

- Mile Post
- ▬ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas



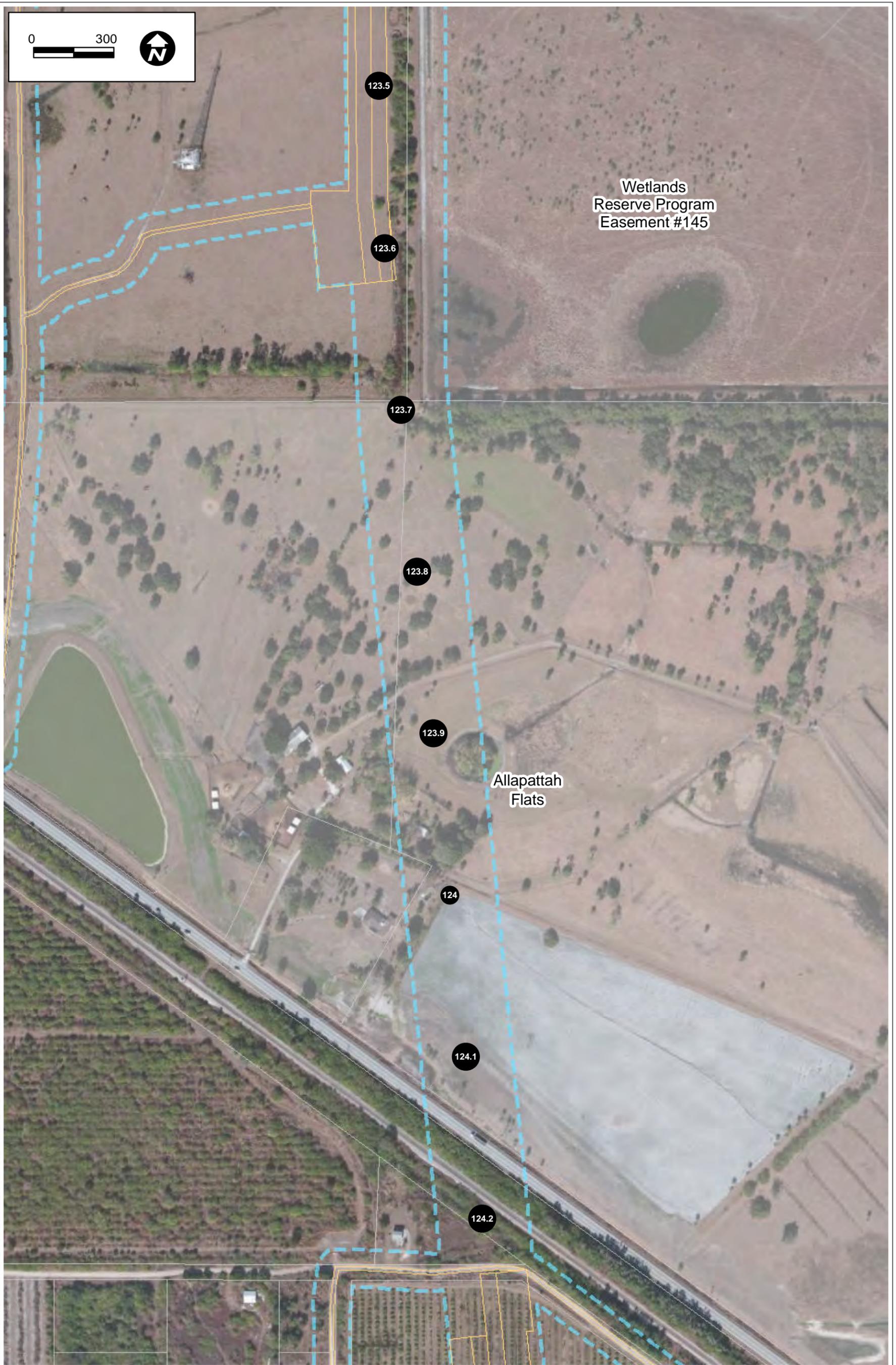


FIGURE 8.4.1. SHEET (21 of 21)
Allapattah Flats

Sources: ECT,2014.

- Mile Post
- ▭ Survey Area
- ▭ Conservation Lands
- ▨ Crossing Areas
- ▬ Trails
- ▭ Parcels
- ▭ ROW / Work Areas





APPENDIX 8A

Individual Residential Construction Plans

[To be provided in October 2014]



APPENDIX 8B

Waste Management Plan



WASTE MANAGEMENT PLAN
For the Florida Southeast Connection Project

Prepared By:

Florida Southeast Connection, LLC

May 2014

ABBREVIATIONS AND DEFINITIONS

Company – Any Florida Southeast Connection, LLC personnel that may include, but is not limited to, Regional Environmental, Environmental Construction Permitting, Transmission Field Staff, Transmission Technical Staff, Engineering & Construction personnel.

Contractor – Any personnel hired by Florida Southeast Connection, LLC to perform the project work.

Hazardous Waste – Any liquid, solid, contained gas, sludge substance, mixture of substances, or other waste that poses a dangerous or potentially harmful risk to human health or the environment due to its physical or chemical properties. This includes waste with properties such as ignitability, corrosivity, reactivity and/or toxicity, waste that is or contains substances listed in hazardous waste regulations, and waste derived from certain industrial processes, as defined in hazardous waste regulations. In certain states, waste with 50 ppm or greater PCBs is considered hazardous waste.

Non-hazardous Waste – Any liquid, solid, contained gas, sludge substance, mixture of substance, or other waste that does not pose a dangerous or potentially harmful risk to human health or the environment due to its physical or chemical properties. This includes domestic solid wastes such as office trash, paper, and food packaging, as well as industrial waste such as construction debris, oily waste, empty product drums, concrete, non-hazardous spent blasting media, used oil filters, uncontaminated concrete or soil, rock, asphalt, plastic, used straw bales, used silt fence and similar waste.

PCB Waste – Any liquid, solid, contained gas, or sludge substance waste that contains polychlorinated biphenyls (PCBs).

Plan – Waste Management Plan

Recyclable Material – Any uncontaminated material which can be re-used intact, processed, refined or reclaimed. Examples are excavated fill, rock, wood chips, used oil, used glycol, scrap metal, tires, paper, glass, filters, and similar waste.

Solid Waste - The term "solid waste," used in Subtitle D, refers almost exclusively to non-hazardous solid waste. Subtitle D covers all wastes not regulated by Subtitle C, which regulates hazardous waste. Subtitle D covers certain hazardous wastes which are excluded from Subtitle C, including household hazardous waste and hazardous wastes generated by small quantity generators. Section 100(27) of the Resource Conservation and Recovery Act (RCRA) defines solid waste as:

Garbage (e.g., milk cartons and coffee grounds), refuse (e.g., metal scrap, wall board, and empty containers), sludge from a waste treatment plant, a water supply treatment plant, or an air pollution control facility (e.g., scrubber sludge). Other discarded material, including solid, semi-solid, liquid, or contained gaseous material resulting from industrial, commercial, mining, agricultural, and community activities (e.g., boiler slag or fly ash).

A good definition of municipal solid waste is that it includes durable goods, non-durable goods, containers and packaging, food wastes and yard trimmings, and miscellaneous inorganic wastes.

Subtitle D Landfill – Subtitle D landfills are typically municipal solid waste landfills (MSWLFs) and receive household waste. MSWLFs can also receive non-hazardous sludge, industrial solid waste, and construction and demolition debris. All MSWLFs must comply with the federal regulations in 40 CFR Part 258 (Subtitle D of RCRA) or equivalent state regulations. Federal MSWLF standards include:

- **Location restrictions**—ensure that landfills are built in suitable geological areas away from faults, wetlands, flood plains, or other restricted areas.
- **Composite liners requirements**—include a flexible membrane (geomembrane) overlaying two feet of compacted clay soil lining the bottom and sides of the landfill, protect groundwater and the underlying soil from leachate releases.
- **Leachate collection and removal systems**—sit on top of the composite liner and removes leachate from the landfill for treatment and disposal.
- **Operating practices**—include compacting and covering waste frequently with several inches of soil to help reduce odor; control litter, insects, and rodents; and protect public health.
- **Groundwater monitoring requirements**—requires testing groundwater wells to determine whether waste materials have escaped from the landfill.
- **Closure and postclosure care requirements**—include covering landfills and providing long-term care of closed landfills.
- **Corrective action provisions**—control and clean up landfill releases and achieves groundwater protection standards.
- **Financial assurance**—provides funding for environmental protection during and after landfill closure (i.e., closure and postclosure care).

Waste Material Storage Containers – Anything that adequately and safely contains waste per Florida Southeast Connection, LLC guidelines and federal, state, and local guidelines; examples are, but not limited to, roll-off containers, frac tanks

Waste Material – any excess liquid or solid material that will not be reused and needs to be discarded or has been identified for disposal.

PURPOSE/PLAN OBJECTIVE

Florida Southeast Connection, LLC (“the Company”) has prepared this Waste Management Plan (“the Plan”) for construction projects in the United States. The purpose of this plan is to ensure the proper management and documentation of all waste generated during construction projects.

Waste disposal planning and waste minimization are important elements of any successful project. The Company should work closely with the selected Contractor to verify that all construction waste material is properly estimated prior to starting any construction project and that recycling or disposal options are identified in advance of starting the project.

All Company and Contractor personnel will be trained on the awareness level for this Plan. The Plan does not cover health and safety concerns associated with handling, storage, transportation, and disposing of non-hazardous or hazardous materials.

This Plan outlines both Contractor and Company responsibility for management of non-hazardous and hazardous waste. If the waste type is unknown, the Company will work with the Contractor to determine the waste type through sampling, historical data, or other documented resources.

In the absence of a Contractor, Company personnel are responsible for managing and disposing of the waste generated as a result of construction activities.

All documentation of waste transportation and disposal will be captured and recorded in EPASS by Company personnel.

Note: Whenever possible, the Company prefers to reuse or recycle, sell or donate all waste construction materials. Construction and demolition waste can include untreated wood, wood chips, metal, glass, rubber, uncontaminated concrete, uncontaminated soil, rock, stone, asphalt, plastics, sheetrock, and drilling mud or bentonite clay/fluid. To do so, the proper Company approvals must be obtained to ensure the receiving facility, location and/or site meets the appropriate federal and state regulations.

NON-HAZARDOUS WASTE

Contractor Responsibility

The Contractor will be responsible for handling, managing, and disposing of all non-hazardous waste associated with the project. The Contractor will perform the following tasks:

- Maintain good housekeeping on the site;
- Ensure that all drums, product containers, roll-off boxes and frac tanks are properly labeled in accordance with federal state and local requirements. At a minimum all drums, product containers, roll-off boxes and frac tanks must be labeled with the name of the contents, including trash and construction waste/debris. Empty containers shall be labeled as “empty”. All drums used for waste storage, other than those used for domestic trash, shall be labeled with start accumulation date.

- Properly store waste material on-site according to federal, state, and local regulations and Company policies while awaiting disposal;
- Identify all disposal locations to be used for construction waste disposal, recycling and/or reuse (donation/selling)
- Profile all waste material for disposal acceptance at the appropriate Company approved landfill (non-hazardous waste must be disposed of in a Subtitle D landfill), or, if the material is uncontaminated and recyclable, obtain the proper Company approval to recycle, sell or donate the material;
- Transport and coordinate disposal of waste material at the appropriate landfill, recycling or treatment facility;
- Keep all waste streams separate from generation through handling, storage, and transport;
- Arrange clean-up of waste material storage containers;
- Bring in clean fill from appropriate origin as necessary; and
- Maintain records of all waste disposal associated with the construction project and provide these records to the Company.

Company Responsibility

The Company will be responsible for oversight of the Contractor and its waste management as it relates to the adherence of Company policies. The Company will perform the following tasks:

- Sample and analyze the waste material, as necessary, for disposal profiling at the appropriate landfill or recycling facility;
- Classify the waste material per the sampling results or other means such as process knowledge;
- Complete the applicable evaluation report if the material is to be recycled or reused, sold or donated;
- Provide the proper training to Company personnel for handling non-hazardous waste material;
- Ensure all records of waste transportation and disposal are obtained from the Contractor; and
- Enter all waste transportation and disposal information into EPASS.

Monitor storage of wastes to ensure wastes are stored in compliance with company policies;

HAZARDOUS WASTE

Contractor Responsibility

The Contractor will be responsible for properly storing all hazardous waste associated with the project. The Contractor will perform the following tasks:

- Properly label and store waste material on-site according to federal, state, and local regulations while awaiting characterization and disposal;
- Keep all waste streams separate from generation through handling, storage, and transport;
- Provide documented clean fill from appropriate origin as necessary; and

- Decontaminate equipment that has come into contact with hazardous or PCB waste as per the Company policies.

Company Responsibility

The Company will be responsible for classification, handling, managing, and disposing of all hazardous waste associated with the project as stated in Company policies. The Company will perform the following tasks:

- Sample and analyze the waste material, as necessary, for disposal profiling at the appropriate treatment, storage and disposal (TSD) facility licensed to accept hazardous waste;
- Classify the waste material per the sampling results or process knowledge;
- Profile all waste material for disposal acceptance at the appropriate Company-approved TSD facility;
- Coordinate and schedule transportation and disposal of hazardous waste material at the appropriate facility;
- Provide the proper training to Company personnel for handling hazardous waste material; and
- Enter all waste transportation and disposal information into EPASS.
- Monitor storage of wastes to ensure wastes are stored in compliance with company policies;

UNEXPECTED CONTAMINATION ENCOUNTER

Prior to construction the Company will identify potential sources of unexpected contamination within the project area based on the surrounding area and/or past history.

If unexpected contamination is encountered during the project:

Contractor Responsibility

- Stop work and leave the potentially contaminated area, moving up wind;
- Notify the Chief Inspector immediately; and
- Re-enter the area ONLY after the Company has provided verbal approval.

Note: Do not unnecessarily handle any contaminated materials. Equipment that may have come in contact with the contamination should not be removed from the area.

Note: Follow appropriate best management practices, any health and safety plan and procedures, and company policies if unexpected contamination is encountered.

Company Responsibility

- Assure that the work area is marked or roped off to prevent unauthorized entry;
- Assess the situation and determine the source of the contamination, if possible;
- Gather as much available information about the contamination without unnecessary handling or exposure to the contaminated material;

- Make necessary internal and external notifications;
- Determine sampling requirements;
- Arrange for response and sampling from a licensed waste company;
- Determine onsite monitoring requirements; and
- Coordinate disposal of contaminated material, if necessary, based on analytical results.

Note: Until hazards are determined, ONLY site personnel who have current hazardous waste operations (HAZWOPER) training may enter the contaminated area to control or clean up the area.

Note: DO NOT backfill any encountered contamination. Once contamination has been encountered, it is our environmental responsibility to properly respond and manage the situation.

- Manage wastes in accordance with Company policies; and
- Once the site has been deemed safe for re-entry notify the Contractor to proceed with construction in the area.

PROJECT CLOSE-OUT & DOCUMENTATION – ALL WASTE

Contractor Responsibility

When the Contractor is handling, managing and disposing of waste material, the Contractor shall be responsible for providing the Company with the following documentation:

- Bills-of-lading and/or manifests, material shipping logs, or other waste transportation papers;
- Loading and disposal tickets from landfills or treatment facilities;
- Certifications of clean fill brought on-site for use; and
- Acceptance letters for waste disposal.

Company Responsibility

The Company will be responsible for filling out any Company required forms or waste logs and entering waste transportation and disposal information into EPASS.



APPENDIX 8C

Residential Access and Traffic Mitigation Plan

FLORIDA SOUTHEAST CONNECTION RESIDENTIAL ACCESS AND TRAFFIC MITIGATION PLAN

Introduction

Along the route of the proposed Florida Southeast Connection (“FSC”) Project, the construction work corridor crosses the right-of-way of public road and private roads. Table 8.2-11 and Table 8.2-12 lists these public roads and private roads and provides the planned crossing method for each. The sections below provide a description of residential access, potential road closures and the measures that will be implemented during construction to mitigate traffic impacts.

Residential Access

All residences that will be located within 50 feet of construction work areas are identified in Table 8.3-2. The occupancy status and proximity to the centerline of each residence will be confirmed during the civil engineering field surveys prior to construction. Construction techniques and possible impact mitigation measures are described in Resource Report 1 – General Project Description.

To minimize disruption and to maintain access to residences, FSC’s land agents and contractors will coordinate with property owners before and throughout the construction process to minimize impact on the landowners. Owners of residential property crossed by the pipeline will be contacted individually by land agents to notify them of the approximate time that construction will take place on their property and to keep them informed about any construction activities that may be of concern to them.

FSC will implement the residential mitigation measures required by FERC for residences located within 50 feet of the construction work areas (Table 8.3-2). These measures include:

- Reduce the construction right-of-way width in order to maintain a minimum of 25-feet between the residence and the construction work area for a distance of 100 feet on either side of the residence;
- Installing safety fence along the edge of the construction work area adjacent to the residence for a distance of 100 feet on either side of the residence;
- Preserving as many trees as possible on residential property;
- Trimming tree branches on the working side to allow for safe operation and passage of construction equipment. Vegetation removed would be disposed of as negotiated by the landowner and FSC;
- Restoring or replacing lawns and landscaping to pre-construction conditions;
- Repair as necessary walls and other structures within the construction work area as negotiated with the landowner. This work will be completed in a reasonable time after the trench is backfilled and cleanup is complete;
- Segregating topsoil where appropriate or as negotiated with the landowner;

- Maintaining utility service during construction activities;
- Constructing only during daylight hours, except where special conditions dictate;
- Cleaning up and backfilling the area immediately after the pipeline is installed; and
- Re-vegetating at the first seasonal opportunity.

Where FSC is unable to maintain 25 feet or more between a residence and the construction work area, FSC will develop a site-specific residential plan, in accordance with FERC requirements. FSC has created site specific residential plans for all residential structures within 50 feet of construction work areas. FSC will submit these plans to the FERC for review and approval prior to construction.

At a minimum, each site-specific residential plan will include:

- The MP or station location of the residence in relation to proposed and existing pipelines;
- The edge of the construction work area;
- The edge of the new permanent right-of-way;
- Other nearby residences, structures, roads, or waterbodies; and
- Mitigation measures such as exclusion fencing and sediment control devices

Following construction, landowners may use the right-of-way, provided they do not interfere with the rights granted to FSC. No trees will be permitted on the permanent right-of-way as they may impair access to the pipeline, and roots can damage the pipeline coating. No structures, including houses, tool sheds, garages, poles, guy wires, catch basins, swimming pools, trailers, leaching fields, septic tanks, or any other objects not easily removed will be permitted on the permanent right-of-way.

Residences located in proximity to compressor stations, other aboveground facilities, or at horizontal directional drill (“HDD”) sites could be affected by noise during construction and operation. Potential noise-related effects associated with these Project activities or facilities are discussed in Resource Report 9 – Air Quality and Noise.

Potential Road Closures

The need for road permits and possible road closures is being assessed by FSC and these issues have been discussed during Project briefings with the potentially affected towns and counties. FSC agreed to provide more detailed information in preconstruction meetings with the various communities. Generally, the majority of public roadways that are paved will be crossed by “conventional bore”. Conventional boring consists of creating a shaft/ tunnel for a pipe or conduit to be installed to minimize surface disturbance. The conventional bore method will not result in extended impacts related to road access or road closures and may only require brief traffic control for mobilization and demobilization of construction equipment into and out of the work area. In a few instances, specialized trenchless methods (i.e., HDD) will be used to cross roadways. HDD is a trenchless method of installing pipelines in areas where traditional open cut excavations are not feasible due to sensitive resource areas or logistical reasons. For additional detail on construction methodologies refer to Resource Report 1.

The majority of those roadways not crossed using conventional bore will be crossed by open cut. FSC will employ measures to ensure that construction activities do not prevent access to residential areas by fire and emergency vehicles. Access for emergency vehicles will be available when constructing on or across residential streets. Steel plates will be available on site to immediately cover the open area to permit travel of emergency vehicles. FSC will utilize sand bags and flume pipes as necessary to carry existing road ditches over the trench line and under construction entrances. FSC will restore the pavement structure in accordance with applicable municipal or agency roadway design standards.

Most of these open cut crossings will only require a temporary road closure for a short duration (approximately two-hours or less) during a few construction tasks (e.g., pipe installation, placing final backfill, etc.). The installation duration for most of these road crossings are 1-2 days. There are a few open cut road crossings where a total road closure is required for a longer duration due to location, terrain, alignment or where it is not practical to perform the installation in a short period of time.

Table 8.2-11 and Table 8.2-12 lists the road crossings and provides the proposed pipe installation method (open cut, conventional bore or other type). Road excavation is required for the open cut installation method to install the pipe, and then backfill the trench. As such, temporary road closures are required as discussed below under Traffic Impact Mitigation Measures. The site specific traffic control, closure and detour plans will be presented within FSC's Implementation Plan. There may be instances where a temporary total road closure is required for a very short duration. The mitigation measures are described in the next section.

In the event that a total road closure is required, site-specific road closure and detour plans along with the mandatory traffic control measures will be created. These potential measures are described further in the next section.

Traffic Impact Mitigation Measures

FSC will implement measures to minimize construction impacts to the traveling public and affected residents. These measures fall into three general categories: 1) measures utilized for public roads without detours; 2) measures utilized for public roads with detours; and 3) measures utilized for private roads and driveways. The following sections provide a description of the measures associated with each of these categories.

FSC will prepare and then implement (as part of the Project Implementation Plan) site specific traffic control, closure and detour plans for the road closures on all roads having Average Annual Daily Traffic ("AADT") a total volume of vehicle traffic exceeding the corresponding county and local FDOT guidelines. These plans will be prepared under the direction of a Professional Engineer licensed to practice in the state of Florida. In addition, all temporary traffic control and detour plans will be in conformance with the requirements of the Florida Department of Transportation, and will be coordinated with the local controlling jurisdiction, and the county and municipal public works requirements. FSC shall also notify the affected county, township, local homeowner associations (as applicable) and all adjacent residential landowners of planned road closures and disturbances.

Public Road Mitigation Measures without Detours

1. For road crossings without a site-specific traffic control and detour plan, FSC may implement the following proposed construction methods and procedures to minimize the road closure impacts as conditions allow. These requirements will be refined following discussions with applicable traffic control representatives from the affected area.
 - a. Road work and traffic lane closures (one lane closures only) will be allowed only during times of non-peak traffic flow, usually 9:00 am to 3:00 pm.
 - b. All required traffic control measures shall be implemented as required (warning signs, flagmen, cones, safety gear, etc.).
 - c. Closure will be in effect only when construction personnel are actually working within the road right-of-way. During non-working hours, any open trenches within the road right-of-way will be covered with steel plates to allow passage of vehicular traffic. Protective devices for pavement drop-offs shall be installed where needed.
 - d. For road closures with Americans with Disabilities Act (“ADA”) compliant sidewalks, FSC will cover open trenches with ADA compliant plating and rails during non-working hours.
 - e. At the conclusion of the pipeline installation, FSC will place a temporary driving surface (per predetermined specifications) over the pipeline trench to restore unrestricted traffic flow on the roadway, until final pavement restoration can be completed.
 - f. During final cleanup and site restoration, FSC will repair the road pavement in conformance with the road permit conditions and in accordance with the local specifications. Flowable fill will be used as backfill within the pipe trench at roadways when needed.
2. There will be occurrences where a temporary total road closure is required for a very short duration (i.e., two hours or less) to install the pipeline, remove material or install new flowable back-fill. FSC will coordinate road closure schedules with emergency responders. At locations isolated by an active closure, FSC will institute a plan, in consultation with emergency response management, to provide emergency access during active construction. This might include maintaining an access way with steel plates over the trench at all times, or in some instances require steel plates available to immediately place over the open trench during the short duration closure.
3. FSC will coordinate the temporary road closure schedules with public school transportation authorities. At closure locations affecting school bus routes or bus stops, FSC will coordinate closure timing to avoid impacts to school bus and school pedestrian traffic.
4. FSC will implement the following notification protocol for road closures:

- a. A variable message sign will be posted at each location, for both travel directions, notifying the traveling public of the scheduled closure and its anticipated duration. The message sign will be placed at least seven days prior to closure of the road.
- b. A notification letter will be mailed to the following interested parties, describing scheduled road closures:
 - County
 - Township
 - Home Owner Associations (if applicable)
 - School District Transportation Officials
 - Emergency Response Control Centers
 - Public Mass Transit Authorities

The notification letters will include the anticipated duration of road closures, maps showing closure locations, scheduled working hours, and contact information for FSC and the contractor. The notification letters will be mailed at least seven days prior to any road closures. Should the closure schedule change, a supplemental letter will be mailed to inform the interested parties of the schedule changes.

- c. FSC will distribute, by way of door hanger notices, notification of road closures to all residences and commercial establishments within 500 feet of a scheduled road closure. Door hangers will be placed 48 hours prior to implementing a road closure. Door hangers will only be placed if in conformance with township ordinances and Home Owner Association rules.

Public Road Mitigation Measures with Detours

1. FSC will prepare and implement (once complete) site specific traffic control, closure and detour plans for roads identified for temporary total closure, per the counties and townships and/or FDOT requirements and submit them for review and approval.
2. These plans will be prepared under the direction of a Professional Engineer licensed to practice in the state of Florida. In addition, all temporary traffic control and detour plans will be in conformance with the requirements of the state of Florida Department of Transportation, and will be coordinated with the local road or highway department, FDOT, and county and municipal public works requirements. FSC shall also notify the affected county, township, local homeowner associations (as applicable) and all adjacent residential landowners of planned road closures and disturbances.
3. FSC proposes to implement the following construction methods and procedures to minimize the road closure impacts for Public Road Mitigation Measures with Detours.
 - a. All required traffic control measures shall be implemented as required (warning signs, flagmen, cones, safety gear, etc.) for the road closure and traffic detour plan.

- b. The road closure plan will remain in effect until the pipeline installation is completed and the road surface is restored. FSC shall plan and schedule the road closure to minimize the closure duration. All material and equipment shall be ready to install the new pipe section. Flowable fill will be used as backfill within the pipe trench at roadways as needed.
 - c. At the conclusion of the pipeline installation, FSC will place a temporary driving surface over the pipeline trench to restore the road. The road will then re-open for unrestricted traffic flow. The final pavement restoration will be completed after the asphalt base has cured.
 - d. For road closures with ADA compliant sidewalks, FSC will cover open trenches with ADA compliant plating and rails during non-working hours.
 - e. One-lane traffic closures will be used to perform the final pavement restoration. Road work and traffic lane closures (one lane at a time) will be allowed only during times of non-peak traffic flow, usually 9:00 am to 3:00 pm.
4. FSC will prepare and implement site-specific police detour plan and traffic control plans where required. Advanced public notifications will be posted as described below. FSC will schedule the road closure over the weekend if required.
- a. All required traffic control measures shall be implemented as required (warning signs, flagmen, cones, safety gear, etc.) for the road closure and traffic detour plan.
 - b. Lighting will be required if working during hours with no daylight, and the local residents shall be informed of the planned work hours. FSC will coordinate with Emergency Management Services (“EMS”) to stage emergency vehicles at applicable staging points in order to respond to emergency calls. EMS vehicles (fire trucks or ambulances) may be on-site to respond to any emergencies.
 - c. The road closure plan shall remain in effect until the pipeline installation is completed and the road surface is restored. FSC shall plan and schedule the road closure to minimize the closure duration. All material and equipment shall be ready to install the new pipe section. Flowable fill will be used as backfill within the pipe trench at roadways when needed.
 - d. For road closures with ADA compliant sidewalks, FSC will cover open trenches with ADA compliant plating and rails during non-working hours.
 - e. At the conclusion of the pipeline installation, FSC will place a temporary driving surface over the pipeline trench to restore the road. The road will then re-open for unrestricted traffic flow on the road, until final pavement restoration can be completed afterward.
 - f. Road work and traffic lane closures (one lane at a time) will be allowed only during times of non-peak traffic flow, usually 9:00 am to 3:00 pm.

5. If applicable for school events, FSC will coordinate the temporary road closure schedules with public school transportation authorities. At closure locations affecting school bus routes or bus stops, FSC will coordinate closure timing to avoid impacts to school bus and school pedestrian traffic.
6. FSC will implement the following notification protocol for road closures:
 - a. A variable message sign will be posted at each location, for both travel directions, notifying the traveling public of the scheduled closure and its anticipated duration. The message sign will be placed at least seven days prior to closure of the road.
 - b. A notification letter will be mailed to the following interested parties, describing scheduled road closures:
 - County
 - Township
 - Home Owner Associations (if applicable)
 - School District Transportation Officials
 - Emergency Response Control Centers
 - Public Mass Transit Authorities

The notification letters will include the anticipated duration of road closures, maps showing closure locations, scheduled working hours, and contact information for FSC and the contractor. The notification letters will be mailed at least seven days prior to any road closures. Should the closure schedule change, a supplemental letter will be mailed to inform the interested parties of the schedule changes.

- c. FSC will distribute, by way of door hanger notices, notification of road closures to all residences and commercial establishments within 500 feet of a scheduled road closure. Door hangers will be placed 48 hours prior to implementing a road closure. Door hangers will only be placed in conformance with township ordinances and Home Owner Association rules.

Private Road and Driveway Mitigation Measures

1. FSC will use the following construction methods at private road and driveway crossings to minimize closure or access impacts:
 - a. A conventional bore method.
 - b. Trench or pit spoil will be located away from private roads and driveways.
 - c. Private roads and driveway closures will be in effect only when construction personnel are actually working under the private road pavement or driveway. During non-working hours, any open trenches within the private road pavement or driveway will be covered with steel

plates to allow passage of pedestrian and vehicular traffic. Protective devices for pavement drop-offs shall be installed where needed. The typical construction duration is 1-2 days for the new pipe installation under the typical driveway.

- d. At the conclusion of the pipeline installation, FSC will place a temporary driving surface over the pipeline trench to restore unrestricted access to the affected property. Flowable backfill may be used within the pipe trench at the private roads and driveways.
 - e. During final cleanup and site restoration, FSC will repair the private road or driveway in conformance with the pipeline easement agreements.
 - f. At a few locations, temporary access along the pipeline right-of-way (travel lane) will be implemented to maintain access to some residences. Work areas and spoil pile locations will be adjusted to maintain access while completing the pipeline installation.
 - g. A temporary driveway may be installed within the approved work space.
2. FSC will implement the following notification protocol for private road and driveway closures:
- a. A notification letter will be mailed to affected residents, describing scheduled private road and driveway closures. The notification letters will include the anticipated duration of the closures, scheduled working hours, and contact information for FSC and the contractor. The notification letters will be mailed at least seven days prior to any private road and driveway closure. Should the closure schedule change, a supplemental letter will be mailed to inform the interested parties of the schedule changes.
 - b. FSC will attempt to notify in person each resident affected by a private road or driveway closure. If unable to make personal contact, FSC will leave door hanger notices. The contact will be attempted by FSC 48 hours prior to implementing a private road or driveway closure. Door hangers will only be placed in conformance with township ordinances and Home Owner Association rules.
3. The road crossing installations may precede the pipeline installation within these residential areas and are not included in the total construction duration.