



**FLORIDA SOUTHEAST CONNECTION
PROJECT**

RESOURCE REPORT 4
Cultural Resources

September 2014

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RESOURCE REPORT 4 – CULTURAL RESOURCES	
Filing Requirement	Location in Environmental Report
<input checked="" type="checkbox"/> Resource Report 4 must contain: (i) Documentation of the applicant's initial cultural resources consultation, including consultations with Native Americans and other interested persons (if appropriate); (ii) Overview and Survey Reports, as appropriate; and (iii) Written comments from State Historic Preservation Officer(s) ("SHPO"), Tribal Historic Preservation Officers ("THPO"), as appropriate, and applicable land-managing agencies on the reports in paragraphs (f)(1)(i)-(iv) of this section. (§ 380.12(f)(1))	Appendix 4A Appendix 4B
<input checked="" type="checkbox"/> Initial filing requirements. The initial application must include the Documentation of initial cultural resource consultation, the Overview and Survey Reports, if required, and written comments from SHPOs, THPOs and land-managing agencies, if available. The initial cultural resources consultations should establish the need for surveys. If surveys are deemed necessary by the consultation with the SHPO/THPO, the survey report must be filed with the application. (i) If the comments of the SHPOs, THPOs, or land-management agencies are not available at the time the application is filed, they may be filed separately, but they must be filed before a final certificate is issued. (ii) If landowners deny access to private property and certain areas are not surveyed, the unsurveyed area must be identified by mileposts, and supplemental surveys or evaluations shall be conducted after access is granted. In such circumstances, reports, and treatment plans, if necessary, for those inaccessible lands may be filed after a certificate is issued. (§ 380.12(f)(2))	Appendix 4A Appendix 4B
<input type="checkbox"/> The Evaluation Report and Treatment Plan, if required, for the entire project must be filed before a final certificate is issued. (i) The Evaluation Report may be combined in a single synthetic report with the Overview and Survey Reports if the SHPOs, THPOs, and land-management agencies allow and if it is available at the time the application is filed. (ii) In preparing the Treatment Plan, the applicant must consult with the Commission staff, the SHPO, and any applicable THPO and land-management agencies. (iii) Authorization to implement the Treatment Plan will occur only after the final certificate is issued. (§ 380.12(f)(3))	To Be Filed, If Applicable
<input checked="" type="checkbox"/> Applicant must request privileged treatment for all material filed with the Commission containing location, character, and ownership information about cultural resources in accordance with Sec. 388.112 of this chapter. The cover and relevant pages or portions of the report should be clearly labeled in bold lettering: "CONTAINS PRIVILEGED INFORMATION--DO NOT RELEASE." (§ 380.12(f)(4))	As Filed
<input checked="" type="checkbox"/> Except as specified in a final Commission order, or by the Director of the Office of Pipeline Regulation, construction may not begin until all cultural resource reports and plans have been approved. (§ 380.12(f)(5))	As Filed

FEDERAL ENERGY REGULATORY COMMISSION COMMENTS ON RESOURCE REPORT 4 — CULTURAL RESOURCES	
Filing Requirement	Location in Environmental Report
NOTE REGARDING CULTURAL RESOURCES: All material filed with the Commission containing location, character, and ownership information about cultural resources must have the cover and any relevant pages therein clearly labeled in bold lettering: "CONTAINS PRIVILEGED INFORMATION--DO NOT RELEASE."	
<input checked="" type="checkbox"/> Section 1.6.1 of draft RR1 specifies the cultural resources study area is 300 feet in width, and would be "expanded as needed to evaluate potential visual impacts on historic structures." Provide a report that discusses the potential visual impacts on historic structures. If the report cannot be provided in the final RRs, provide a schedule for filing the report.	Section 4.5.3
<input checked="" type="checkbox"/> Revise section 4.3.3 and elsewhere as applicable to clarify that FSC is not acting on behalf of the FERC but, rather, is assisting the FERC in meeting its Section 106 obligations.	Section 4.3
<input checked="" type="checkbox"/> Regarding the area of potential effect (APE) for all required FSC Project locations:	Section 4.4
<input checked="" type="checkbox"/> Define the horizontal and vertical extent of the APE.	Section 4.4
<input checked="" type="checkbox"/> Include the vertical APE for pipelines installed using the HDD or bore methods.	Section 4.4
<input checked="" type="checkbox"/> Include the APE for indirect effects like visual, auditory, and atmospheric effects.	Section 4.4
<input checked="" type="checkbox"/> In RR4, provide a detailed table of correspondence with the Florida State Historic Preservation Office (SHPO). File any previously unfiled correspondence, including agency letters, meeting notes, phone logs, etc. to and from the Florida SHPO, including comments on cultural resources reports and the Unanticipated Discovery Plan.	Table 4.3-1 Appendix 4A
<input checked="" type="checkbox"/> Provide additional details in table 4.3-1 regarding tribal correspondence that specifies the method of correspondence and the individuals involved. Include information about follow-up emails and phone calls to those tribes who have not yet responded to FSC's initial letter to tribes.	Table 4.3-2 (numbering changed)
<input checked="" type="checkbox"/> Update table 4.5-1 to correspond with land requirements specified in draft RR8, and include MP location and the amount of land remaining to be surveyed. Clarify the meaning of the third column of this table, or remove it.	Table 4.5-1
<input checked="" type="checkbox"/> Draft RR8 states that FSC will consult with the National Park Service (NPS) with regard to FSC Project impacts on the Florida National Scenic Trail. Provide the referenced NPS correspondence and identify any permits obtained to conduct field survey within the Florida National Scenic Trail.	Section 4.3.2 Appendix 4A

FEDERAL ENERGY REGULATORY COMMISSION COMMENTS ON RESOURCE REPORT 4 — CULTURAL RESOURCES	
Filing Requirement	Location in Environmental Report
<input checked="" type="checkbox"/> Draft RR8 states that “National Historical Landmarks and Natural Heritage Areas under the jurisdiction of the NPS are discussed in Resource Report 4” but draft RR4 does not include this discussion. Resolve this inconsistency.	Section 8.4.4.1
<input checked="" type="checkbox"/> For the FSC Project cultural resource report:	
<input checked="" type="checkbox"/> Provide the names of the FSC Project’s Principal Investigator and report author on the report’s title page. Provide as an appendix the resumes or documentation showing that they meet the Secretary of Interior standards.	FSC Cultural Resource Report Title Page, Appendix K
<input checked="" type="checkbox"/> Provide an abstract or management summary.	FSC Cultural Resource Report Executive Summary
<input checked="" type="checkbox"/> For all land requirements, including the pipeline construction corridor, additional temporary workspace (ATWS), above ground facilities, contractor yards, staging areas, and access roads, define the APE for temporary and permanent indirect effects such as visual, audible, or atmospheric elements. Evaluate the indirect effects on historic properties within this APE.	Section 4.4 Section 4.5.3
<input checked="" type="checkbox"/> Describe the survey methods used to examine the APE where subsurface HDD or bore construction techniques are proposed.	Section 4.4
<input checked="" type="checkbox"/> Make the following corrections to the Background Research section:	
<input checked="" type="checkbox"/> Table 11 includes “8PO6826” but this site is not shown in the FSC Project maps in Appendix A.	FSC Cultural Resource Report Appendix A, Map 1
<input checked="" type="checkbox"/> Appendix A, Map 23 depicts “8SL3193” as a previously recorded linear site, but this is not included in Table 12.	FSC Cultural Resource Report Appendix A, Map 23 (coding corrected)
<input checked="" type="checkbox"/> Page 63, the narrative states that “The SHPO has previously determined that two of these resources . . . are National-Register-eligible” but Table 12 indicates that three sites are eligible. Correct this inconsistency.	FSC Cultural Resource Report Page 63 (text corrected)
<input checked="" type="checkbox"/> Correct “8M1597” to “8MT1597” in Table 12; and correct Map 24, which shows “8PO1597.”	FSC Cultural Resource Report Table 12 and Map 24
<input checked="" type="checkbox"/> Correct “8MT1526” in Map 25, which shows “8PO1526.”	FSC Cultural Resource Report Map 25

FEDERAL ENERGY REGULATORY COMMISSION COMMENTS ON RESOURCE REPORT 4 — CULTURAL RESOURCES	
Filing Requirement	Location in Environmental Report
<input checked="" type="checkbox"/> Provide levels of probability and survey methods used (as discussed on page 67) on either Appendix A or H.	FSC Cultural Resource Alignment Sheets
<input checked="" type="checkbox"/> Revise Appendix H to include aerial alignment sheets for the entire route showing all FSC Project areas including: workspaces beyond the 300-foot-wide survey corridor, aboveground facilities, contractor and ware yards, staging areas, areas for cathodic protection, and access roads.	FSC Cultural Resource Alignment Sheets

ACRONYMS AND ABBREVIATIONS

APE	Area of Potential Effect
ATWS	additional temporary workspace
Cardno	Cardno ENTRIX
Certificate	Certificate of Public Convenience and Necessity
CLG	Certified Local Governments
ft	feet
FERC	Federal Energy Regulatory Commission
FDHR	Florida Division of Historical Resources
FNST	Florida National Scenic Trail
FSC	Florida Southeast Connection, LLC
FSC Project	Florida Southeast Connection Project
FTA	Florida Trail Association
HDD	Horizontal Directional Drill
in	inches
Janus	Janus Research
m	meter
National Register	National Register of Historic Places
NEPA	National Environmental Policy Act of 1969
NHPA	National Historic Preservation Act
NPS	National Park Service
Sabal Trail	Sabal Trail Transmission Pipeline Project
SHPO	State Historic Preservation Officer
THPO	Tribal Historic Preservation Officer
Unanticipated Discovery Plan	Procedures Guiding the Discovery of Unanticipated Cultural Resources and Human Remains

4.0 RESOURCE REPORT 4 – CULTURAL RESOURCES

4.1 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).

This Resource Report 4 provides a discussion of existing cultural resources within the vicinity of the FSC Project. Section 4.2 of this report identifies the scope and authority under which the cultural resource investigations and consultations for the FSC Project were undertaken. Agency, Native American, and consulting party consultations are briefly discussed in Section 4.3. The Area of Potential Effect (“APE”) evaluated for cultural resources is defined in Section 4.4. Section 4.5 provides a summary of the cultural resources investigation to date. Section 4.6 provides a discussion on areas that have not been surveyed and Section 4.7 provides an overall summary. A checklist showing the status of the FERC filing requirements for Resource Report 4 is included after the table of contents.

Agency and stakeholder correspondence related to cultural resources is provided in Appendix 4A of this report. The technical survey documentation upon which this Resource Report is based is provided in Appendix 4B. Given the privileged and confidential nature of the reports, Appendix 4B is provided under separate cover in Volume II. Procedures guiding the unanticipated discovery of cultural resources and human remains for the FSC Project are provided in Appendix 4C.

4.2 SCOPE AND AUTHORITY

The FSC Project requires approvals and permits from federal, state and local entities. One of the primary approval requirements at the federal level is a FERC Certificate. Consequently, the

FSC Project is being reviewed under Section 106 of the National Historic Preservation Act (“NHPA”) of 1966, as amended. Prior to authorizing an undertaking (e.g., the issuance of a FERC approval or Certificate), Section 106 of the NHPA requires federal agencies, including the FERC, to take into account the effect of that undertaking on cultural resources listed or eligible for listing in the National Register of Historic Places (“National Register”) and afford the Advisory Council on Historic Preservation an opportunity to comment on the undertaking. The Section 106 process is coordinated at the state level by the State Historic Preservation Officer (“SHPO”), represented in Florida by the Florida Division of Historical Resources (“FDHR”). The FERC, as the lead federal agency, must consult with the Florida SHPO regarding the effects of the FSC Project on historic properties.

The primary goals of cultural resource investigations conducted as part of the Section 106 review are to:

- Locate, document, and evaluate buildings, structures, objects, landscapes, and archaeological sites that are listed, or eligible for listing, in the National Register;
- Assess potential impacts of the Project on those resources; and
- Provide recommendations for subsequent treatment, if necessary, to assist with compliance with Section 106.

In addition to Section 106, the cultural resources investigation was conducted for the FSC Project in accordance with the FERC’s Office of Energy Projects’ *Guidelines for Reporting on Cultural Resources Investigations* (2002); the Secretary of the Interior’s *Standards and Guidelines for Archeology and Historic Preservation* (48 Fed. Reg. 44716-42, Sept. 29, 1983); Section 380.3 of the FERC’s regulations; Chapter 267, Florida Statutes (Florida Historic Resources Act); and the Florida SHPO’s *Cultural Resource Management Standards and Operational Manual* (FDHR 2003).

4.3 AGENCY AND NATIVE AMERICAN CONSULTATION

In order to assist the FERC in meeting its Section 106 obligations, FSC contacted the Florida SHPO, the National Park Service, and five Native American groups. Section 4.3 details the correspondence FSC has had with each of these entities to date. All correspondence related to the cultural resources surveys for the FSC Project are included in Appendix 4A, and new correspondence will be forwarded to the FERC upon receipt.

4.3.1 Florida State Historic Preservation Office Consultation

FSC submitted a Project information package for review and comment to the Florida SHPO at a meeting on August 16, 2013. FSC provided an overview of the project and discussed the scope and nature of the proposed investigations. The Florida SHPO responded and agreed with the proposed APE and survey methods.

On March 10, 2014, FSC submitted the initial cultural resources report by Janus Research (“Janus”) to the Florida SHPO. On April 10, 2014, the Florida SHPO concurred with the determinations in that report. On July 15, 2014, FSC submitted an addendum report by Janus and a report by Cardno ENTRIX (“Cardno”) to the Florida SHPO. The Florida SHPO also concurred with the results of those reports by letter dated August 15, 2014. An additional addendum report will be submitted to the Florida SHPO in the future with results of surveys completed subsequent to those reports.

4.3.2 Federal Agency Consultation

On July 31, 2014, FSC contacted the National Park Service (“NPS”) regarding the crossing of two unofficial connectors of the Florida National Scenic Trail (“FNST”) system. Per NPS’s

request, FSC subsequently contacted the Florida Trail Association (“FTA”) regarding the FNST. The NPS and FTA are currently reviewing the information provided by FSC.

4.3.3 Local Government Consultation

The FSC Project is not situated within the boundaries of any Certified Local Governments (“CLG”) (e.g., local governments that have established a qualified historic preservation commission and meet other standards identified by the National Park Service and Florida SHPO), and accordingly no consultation was conducted with any CLGs.

4.3.4 Native American Consultation

In order to assist the FERC in meeting its Section 106 obligations, FSC contacted Florida’s five federally recognized Native American groups to provide them an opportunity to identify any concerns about properties of traditional religious or cultural significance that may be affected by this undertaking. On November 15, 2013, FSC met with the Seminole Tribe of Florida in Clewiston, Florida to discuss the project. In February 2014, after reviewing Geographic Information System shapefiles of the proposed pipeline route, the Seminole Tribe of Florida confirmed that FSC does not cross any areas of concern to the tribe.

Of the five federally recognized Native American groups, one (Muscogee [Creek] Nation of Oklahoma) responded that they should continue to be consulted during FSC Project planning activities. The Miccosukee Tribe indicated that they had no comment on the FSC Project. FSC has not received responses from the two other federally recognized groups (Poarch Band of Creek Indians and Seminole Nation of Oklahoma).

Table 4.3-1 lists the federally recognized Native American groups contacted for the FSC Project.

4.4 AREA OF POTENTIAL EFFECT

The APE is the “geographic area or areas within which an undertaking may directly or indirectly cause changes in the character of or use of historic properties, if any such properties exist” (36 CFR 800.16(d)). The APE for both archaeological sites and historic resources was developed in consultation with the Florida SHPO and considered the nature and scale of the proposed project, which consists of an underground pipeline and associated above ground facilities that are either at grade or have a maximum height of 10 feet (ft), nine inches (in).

The horizontal APE generally measures 300 ft in width and includes both the temporary construction right-of-way and the permanent right-of-way. The APE generally measures 300 ft in green fields (undeveloped areas, such as natural areas, pasture, and agricultural fields). Along those portions of the proposed route that are co-located along existing roads, the APE ranges from 200 to 250 ft in width. In a few isolated instances, the APE is considerably narrower (i.e. 100 ft) in order to comply with specific landowner requests. The horizontal APE for the above ground facilities and access roads is confined to the footprint of these facilities.

The vertical APE considered the depth of subsurface impacts and the maximum depth where archaeological deposits are likely to exist. The depth of the proposed pipeline trench will be approximately 72 in below surface depending on conditions encountered during construction (e.g., depth of existing utilities). This includes a depth of approximately 30 to 36 in to the top of the installed pipe, and the pipe itself, which will be either 30 or 36 in diameter (depending upon location along the route). However, archaeological sites throughout southern Florida, including the current project area, are typically located at very shallow depths. Unless overlain by recent fill or spoil, sites can almost always be identified within the upper 100 centimeters (cm) (one meter [m]) of soil. Therefore, all shovel tests excavated throughout the current project followed the guidelines of Module 3 of the FDHR/SHPO *Cultural Resources Management Standards and*

Operational Manual which call for archaeological shovel tests to “measure 0.5 m [meter] in diameter by a minimum of 1 m in depth.” For at grade facilities where minor subsurface disturbance may take place, the vertical APE was also one m in depth, in keeping with the standard established by the FDHR and the SHPO.

The APE for archaeological resources also includes areas of the FSC pipeline that will be installed using the HDD method. These portions of the FSC pipeline are proposed to be between 75 ft and 100 ft below surface, a depth that exceeds the vertical depth of archaeological sites. Because of this, a vertical APE of one m in depth was established in keeping with the depth at which archaeological sites are likely to occur and with the standards established by the FDHR and the SHPO. The survey methods for HDD locations include a pedestrian survey and subsurface shovel testing at the interval appropriate to the probability area within which the bore will take place.

The APE for indirect effects also considered the nature and scale of the project, as well as the character of the surrounding area and areas where effects were likely to occur. The pipeline will be located underground and the associated above ground facilities are either at grade or have a maximum height of 10-ft, 9-in. Based on this, the nature of historic properties anticipated, and the undeveloped or rural character of the surrounding area, the indirect APE was contained within the horizontal APE and any property immediately adjacent to it.

4.5 CULTURAL RESOURCE INVESTIGATIONS

Cultural resource investigations were conducted in accordance with FERC and Florida SHPO guidelines by Janus and by Cardno. Mr. James P. Pepe, M.A., RPA, served as Principal Investigator for archaeological investigations conducted by Janus for the FSC project, and Mr. Paul L. Jones, M.A., RPA, served as Principal Investigator for archaeological investigations conducted by Cardno. Ms. Amy Groover Steelman, MHP, of Janus directed all Janus historic architectural/industrial properties surveys for the FSC Project. Mr. Pepe, Mr. Jones, and Ms. Steelman meet or exceed all requirements set forth by the Secretary of Interior at 36 CFR Part 61.

Table 4.5-1 describes the completion status for the cultural resources surveys.

4.5.1 Overview Methodology and Results

The initial phase of investigation involved an overview survey to gather information about previous cultural resource investigations and known archaeological sites within and abutting the FSC Project APE. For historic architectural/industrial properties, the overview survey gathered information on resources within the APE. The review indicated that there are various pre- and post-contact sites and historical architectural/industrial properties located within or adjacent to the APE.

The information regarding archaeological sites was used to stratify the FSC Project APE into zones of archaeological sensitivity. Archaeological sensitivity is defined as the likelihood for pre- or post-contact archaeological resources to be present within the FSC Project APE based on different categories of information. The following methodology was used to complete the overview:

- Identification of any known archaeological sites and previously recorded historic architectural properties through background research and state site file searches. Data pertaining to known sites, including their locational, functional, and temporal characteristics, were reviewed where applicable;
- Review of cultural resource management surveys performed in the vicinity of the proposed FSC Project;

- Review of primary and secondary historic information (e.g., original government plat maps and survey notes, historic and modern maps and aerial photographs) to learn of areas where previous structures, landscapes, and archaeological probability areas were potentially located.
- Review of relevant environmental data (e.g., soil characteristics, proximity to fresh water, relative elevation, and the presence of hardwood hammocks) that might affect site locations; and
- Consultation with representatives of the Florida SHPO.

For frequency and type of cultural resources previously recorded within the vicinity of each element of the FSC Project, including those previously recorded cultural resources located within the FSC Project APE (main line route, access roads, etc.), please refer to the technical report in Appendix 4B.

4.5.2 Archaeological Survey Results

FSC excavated 3,688 shovel test pits within the FSC Project study area; of those, 157 yielded cultural material.

The survey resulted in the identification of 32 sites (21 pre-contact archaeological sites and 11 post-contact sites, including 11 previously recorded pre-contact sites and one previously recorded post-contact site) and 18 archaeological occurrences (11 pre-contact and seven post-contact), which represent deposits containing less than three pieces of cultural material.

Table 4.5-2 lists the archaeological sites and occurrences identified for the FSC Project.

FSC recommends all 32 sites and 18 archaeological occurrences as not eligible for the National Register.

4.5.3 Historic Architectural/Industrial Properties Survey Results

FSC identified 25 historic architectural/industrial properties within the FSC Project study area, including 14 previously identified resources and 11 newly identified resources.

Table 4.5-3 lists the historic architectural/industrial properties identified for the FSC Project.

Three previously recorded resources (the South Florida Railroad/CSX Railroad [8PO7219/8OS2540], FEC Railroad-Lake Harbor Branch [8SL3014], and the Seaboard Airline Railroad/CSX Railroad [8MT1514]) have previously been determined eligible for the National Register by the Florida SHPO. FSC plans to avoid affecting these resources by using a bore method to place the pipeline under these resources. Consequently, no mitigation measures will be needed for these resources.

One previously recorded resource, Old Kissimmee Road/Old Tampa Road (8PO7154/8OS2567), has previously been assessed by the Florida SHPO as lacking sufficient information for National Register eligibility determinations. Since a limited portion of this linear resource is located within the FSC Project APE, there is insufficient information to evaluate the significance of this resource. FSC plans to avoid affecting these resources by using a bore method to place the pipeline under this resource. Consequently, no additional research will be needed for this resource.

In Florida, there is agreement with the SHPO that those characteristics of a railroad that contribute to its National Register eligibility include the presence of railroad ties and rails and the general feeling and setting of that resource. Those characteristics of a road that contribute to its National Register eligibility include the presence of original pavement, the original route, and its setting. The use of a bore will avoid impacts to any of the characteristics that qualify the

railroads and the roadway for inclusion in the National Register. The other potential effects of noise or vibration during construction or maintenance activities will not impede the setting or integrity of these segments of the railroads or roadway. Based on the nature of the identified historic properties, all of which are historic linear resources, there are no anticipated indirect effects.

The remaining 21 historic architectural/industrial resources are recommended as not eligible for the National Register.

4.6 OUTSTANDING SURVEYS

Table 4.5-1 provides the status of outstanding cultural resource surveys for the FSC Project.

4.7 SUMMARY

The archaeological and historic architectural/industrial properties surveys are complete for over 92% of the mainline route, proposed access roads, and other currently proposed facilities for the FSC Project. Three reports on the cultural resource surveys for the FSC Project have been submitted to the Florida SHPO and an additional reports is pending. All comments regarding the cultural resources component of the FSC Project are included in Appendix 4A or will be forwarded to the FERC upon receipt.

The archaeological survey resulted in the identification of 32 sites and 18 archaeological occurrences. FSC recommends all 32 sites and 18 occurrences as not eligible for the National Register.

The historic architectural/industrial properties survey identified 25 historic architectural/industrial properties, including 14 previously identified resources and 11 newly identified resources. Three previously recorded resources have previously been determined eligible for the National Register by the Florida SHPO. FSC plans to avoid affecting these resources by using a bore method to place the pipeline under these resources, and construction and maintenance of the pipeline will not impede the setting or integrity of these segments of the railroads. Consequently, no mitigation measures will be needed for these resources.

One previously recorded resource has previously been assessed by the Florida SHPO as lacking sufficient information for National Register eligibility determinations. Since a limited portion of this linear resource is located within the FSC Project APE, there is insufficient information to evaluate the significance of this resource. FSC plans to avoid affecting this resource by using a bore method to place the pipeline under this resource, and construction and maintenance of the pipeline will not impede the setting or integrity of this segment of the roadway. Consequently, no additional research will be needed for this resource.

FSC recommends the remaining 21 historic architectural/industrial properties as not eligible for the National Register.

TABLES

Table 4.3-1 Correspondence with the Florida State Historic Preservation Office (SHPO) Regarding the Florida Southeast Connection Project		
Correspondence Type	Date	Contents
Meeting Minutes	08/16/2013	Minutes of meeting discussing project and survey strategies
FSC letter to SHPO	03/10/2014	Letter transmitting initial cultural resources report to SHPO
SHPO letter to FSC	04/10/2014	Letter concurring with results of initial cultural resources report
FSC letter to SHPO	07/15/2014	Letter transmitting supplemental cultural resources reports to SHPO
SHPO letter to FSC	08/15/2014	Letter concurring with results of supplemental cultural resources reports

Table 4.3-2 Federally-Recognized Native American Groups Contacted for the Florida Southeast Connection Project		
Tribe Name	Date Submitted	Date Response Received
Miccosukee Tribe of Indians of Florida	02/03/2014	Voicemail from Fred Dayhoff received 03/04/14
Muscogee (Creek) Nation of Oklahoma	02/03/2014	Email from Emman Spain received 02/24/14, Emails from Johnnie Jacobs received 06/18/14, Video conference expected pending date confirmation
Poarch Band of Creek Indians	02/03/2014	No response received to date
Seminole Nation of Oklahoma	02/03/2014	No response received to date
Seminole Tribe of Florida	11/15/2013	Email from Bradley Mueller received 11/18/13, Verbal response from Bradley Mueller received 02/14/14

Table 4.5-1 Completion Status of Archaeological and Historic Architectural/Industrial Property Surveys for the Florida Southeast Connection Project			
Facility	Length (Miles)/ Acres	Identification Survey Coverage by Facility (%)	Date Results Submitted to SHPO
Mainline Route	126.4 miles	92.6 (Archaeology) 100 (Architecture)	March 10, 2014 and July 15, 2014
Martin Meter Station	0.92 acres	100 (Archaeology) 100 (Architecture)	March 10, 2014
Pig Launchers/ Receivers	0.44 acres	100 (Archaeology) 100 (Architecture)	March 10, 2014
Contractor Yards	228.91 acres	93.9 (Archaeology) 100 (Architecture)	March 10, 2014 and July 15, 2014
Staging Areas	4.31 acres	100 (Archaeology) 100 (Architecture)	March 10, 2014
Access Roads	119.97 miles	95.8 (Archaeology) 100 (Architecture)	March 10, 2014 and July 15, 2014
<p><i>Sources: Report, Cultural Resource Assessment Survey of the Florida Southeast Connection Pipeline, Osceola, Polk, Okeechobee, St. Lucie, and Martin Counties – Janus Research, March 2014</i></p> <p><i>Report, Cultural Resource Assessment Survey of Latt Maxcy Segment – Florida Southeast Connection Pipeline (Supplemental Report 1) Osceola County, Florida – Cardno ENTRIX, April 2014.</i></p> <p><i>Report, Cultural Resource Assessment Survey of the Florida Southeast Connection Natural Gas Pipeline (Supplemental Report 1) Polk, Okeechobee, St. Lucie, and Martin Counties –Janus Research, June 2014</i></p>			

Table 4.5-2 Archaeological Sites and Occurrences Identified for the Florida Southeast Connection Project				
Facility Name	Site Name	Site Type	Recommended NRHP Status	Recommended Action
Mainline Route	8PO3968	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO3970	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO3971	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO3972	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO3973	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO3974	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO3975	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO4019	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO4022	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO6826	Post-contact archaeological site	Not eligible	None
Access Road	8PO7041	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO7160	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO7704	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO7707	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO7708	Post-contact archaeological site	Not eligible	None
Mainline Route	8PO7709	Post-contact archaeological site	Not eligible	None

**Table 4.5-2
Archaeological Sites and Occurrences Identified for the Florida Southeast Connection Project**

Facility Name	Site Name	Site Type	Recommended NRHP Status	Recommended Action
Mainline Route	8PO7710	Post-contact archaeological site	Not eligible	None
Mainline Route	8PO7711	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO7712	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO7713	Post-contact archaeological site	Not eligible	None
Mainline Route	8PO7714	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO7716	Post-contact archaeological site	Not eligible	None
Mainline Route	8PO7717	Post-contact archaeological site	Not eligible	None
Contractor Yard	8PO7748	Post-contact archaeological site	Not eligible	None
Mainline Route	8PO7749	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO7754	Post-contact archaeological site	Not eligible	None
Mainline Route	8PO7755	Post-contact archaeological site	Not eligible	None
Mainline Route	8PO7756	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO7763	Pre-contact archaeological site	Not eligible	None
Additional Workspace	8PO7764	Pre-contact archaeological site	Not eligible	None
Mainline Route	8PO7765	Post-contact archaeological site	Not eligible	None
Re-route	8SL3263	Pre-contact archaeological site	Not eligible	None

**Table 4.5-2
Archaeological Sites and Occurrences Identified for the Florida Southeast Connection Project**

Facility Name	Site Name	Site Type	Recommended NRHP Status	Recommended Action
Mainline Route	Archaeological Occurrence #1 (Janus)	Pre-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #2 (Janus)	Post-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #3 (Janus)	Pre-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #4 (Janus)	Pre-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #5 (Janus)	Post-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #6 (Janus)	Pre-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #8 (Janus)	Pre-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #9 (Janus)	Post-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #10 (Janus)	Post-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #11 (Janus)	Pre-contact archaeological occurrence	Not eligible	None
Access Road	Archaeological Occurrence #12 (Janus)	Pre-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #14 (Janus)	Post-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #15 (Janus)	Post-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #16 (Janus)	Post-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #17 (Janus)	Pre-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #18 (Janus)	Pre-contact archaeological occurrence	Not eligible	None

Table 4.5-2 Archaeological Sites and Occurrences Identified for the Florida Southeast Connection Project				
Facility Name	Site Name	Site Type	Recommended NRHP Status	Recommended Action
Mainline Route	Archaeological Occurrence #1 (Cardno)	Pre-contact archaeological occurrence	Not eligible	None
Mainline Route	Archaeological Occurrence #2 (Cardnos)	Pre-contact archaeological occurrence	Not eligible	None

Table 4.5-3 Historic Architectural/Industrial Properties Identified for the Florida Southeast Connection Project				
Facility Name	Site Name	Site Type	Recommended NRHP Status	Recommended Action
Mainline Route	8MT1514 (Seaboard Airline Railroad/CSX Railroad)	Railroad	Eligible	Avoidance through bore method
Mainline Route	8MT1526 (Williamson Levee and Canal Resource Group)	Levee and Canal	Not eligible	None
Mainline Route	8MT1597 (SR 714/Martin Highway)	Road	Not eligible	None
Mainline Route	8OB343 (43193 Highway 441 North, Okeechobee)	Building	Not eligible	None
Mainline Route	8OB344 (32601 Highway 441 North, Okeechobee)	Building	Not eligible	None
Mainline Route	8OB345 (32495 Highway 441 North, Okeechobee)	Building	Not eligible	None
Mainline Route	8OS2518 (Log Branch Canal I)	Canal	Not eligible	None
Mainline Route	8OS2519 (Log Branch Canal II)	Canal	Not eligible	None
Mainline Route	8PO3863 (Keen's Ranch)	Building	Not eligible	None
Mainline Route	8PO6449 (Seaboard Coastline Railroad Grade)	Railroad grade	Not eligible	None
Mainline Route	8PO7056 (Packingham Slough Canal and Levee)	Canal and Levee	Not eligible	None
Mainline Route	8PO7057 (Buttermilk Slough Canal)	Canal	Not eligible	None
Mainline Route	8PO7058 (Packingham/Buttermilk Slough Canal, Levee Resource Group)	Canal and Levee	Not eligible	Not eligible
Mainline Route	8PO7154/8OS2567 (Old Kissimmee Road/Old Tampa Road)	Road	Unassessed	Avoidance through bore method
Mainline Route	8PO7219/8OS2540 (South Florida Railroad/CSX Railroad)	Railroad	Eligible	Avoidance through bore method
Mainline Route	8PO7718 (131 Parker Road, Loughman)	Building	Not eligible	None
Mainline Route	8PO7719 (3801 US Highway 17/92 North, Davenport)	Building	Not eligible	None
Mainline Route	8PO7720 (3426 US Highway 17/92 North, Davenport)	Building	Not eligible	None
Mainline Route	8PO7721 (6181 Miss Mary Ann Road, Haines City)	Building	Not eligible	None

Table 4.5-3 Historic Architectural/Industrial Properties Identified for the Florida Southeast Connection Project				
Facility Name	Site Name	Site Type	Recommended NRHP Status	Recommended Action
Mainline Route	8PO7722 (6614 Hatchineha Road, Haines City)	Building	Not eligible	None
Mainline Route	8PO7723 (131 Church Road, Lake Wales)	Building	Not eligible	None
Mainline Route	8PO7724 (9113 US 60 East, Lake Wales)	Building	Not eligible	None
Mainline Route	8SL1658 (SR 70/Okeechobee Road)	Road	Not eligible	None
Mainline Route	8SL3014 (FEC Railroad-Lake Harbor Branch)	Railroad	Eligible	Avoidance through bore method
Mainline Route	8SL3193 (C-23 [County Line] Canal)	Canal	Not eligible	None

APPENDIX 4A

Agency and Stakeholder Correspondence

Mier, Jena

From: Bradley Mueller <bradleymueller@semtribe.com>
Sent: Monday, November 18, 2013 11:58 AM
To: Stewart, Carolyn
Cc: Tessier, John; Mier, Jena; kate_hoffman@janus-research.com; Machicado, Hernan
Subject: FPL Southeast Connection Pipeline



Good Morning Carolyn,

Thank you very much for initiating last weeks meeting regarding the Southeast Connection pipeline and for making the arrangements on your end. It was a pleasure to meet with all of you. In the next few weeks we will be reviewing the project area and talking with Tribal members as needed to see if there are any special areas of concern for the Seminole Tribe of Florida (such as the Bluefield area, etc.). It is my understanding that Jena Mier, Florida Southeast Connection, Senior Environmental Specialist will now be our point of contact. If this is incorrect please let me know. Also, if you should receive any correspondence from FERC requesting that you contact us we would appreciate a copy for our files. Thanks again!

Regards,

Bradley M. Mueller, MA
Compliance Supervisor
Tribal Historic Preservation Office
Seminole Tribe of Florida

Tel: 863-983-6549 ext 12245
Fax: 863-902-1117
Email: bradleymueller@semtribe.com
Web: www.stofthpo.com



Mr. Fred Dayhoff
Section 106 and NAGPRA Coordinator
Miccosukee Tribe of Indians of Florida
HC 61
SR Box 68 Old Loop Road
Ochopee, FL 34141

February 3, 2014

RE: Florida Southeast Connection natural gas pipeline

Dear Mr. Dayhoff:

In late July 2013, Florida Southeast Connection, LLC was selected to design, construct, and operate a new underground 126-mile natural gas pipeline, known as the Florida Southeast Connection (FSC), to be built through Osceola, Polk, Okeechobee, St. Lucie, and Martin Counties in Florida. The FSC pipeline will connect with a new proposed hub for natural gas transportation, near Intercession City, in Osceola County, to Florida Power & Light (FPL)'s Martin Clean Energy Center near Indiantown, in Martin County. FSC, FPL and NextEra Energy Resources are wholly-owned subsidiaries of NextEra Energy Inc.

Federal Energy Regulatory Commission (FERC) pre-application meetings are underway and a number of public open houses have been held. On behalf of the permitting team, I wanted to make you aware of the project, and provide you some information about the proposed pipeline route, cultural resource assessment plans and initial results if they are interested. I have attached some background information about the project that includes a map of the proposed route. The project website is <http://www.floridasoutheastconnection.com/>

As proposed, the project corridor is located outside of any modern tribal reservation boundaries, in the following Township, Range, and Sections:

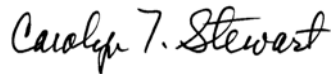
Section 36 of Township 25 South, Range 27 East
Section 31 of Township 25 South, Range 27 East
Sections 1, 12, 13, 23-25, and 36 of Township 26 South, 27 Range East
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Section 19,29,30, and 32-36 of Township 30 South, Range 30 East

Mr. Fred Dayhoff
Section 106 and NAGPRA Coordinator
Miccosukee Tribe of Indians of Florida
HC 61
SR Box 68 Old Loop Road
Ochopee, FL 34141

Sections 31 and 32 of Township 30 South, Range 31 East
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We acknowledge and understand Tribes' goals of preserving, documenting, and promoting their cultural heritage and respectfully request to engage with you and your staff on this important effort. Please let me know if you would like to meet with representatives of FSC to discuss the project, in advance of the formal Section 106 process, which be coordinated by the FERC. You can reach me at 480 236-5896, or via email, at Carolyn.Stewart@NextEraEnergy.com.

Regards,



Carolyn T. Stewart
Director, Tribal Relations



Mr. Emman Spain
Tribal Historic Preservation Officer
Muscogee (Creek) Nation
P.O. Box 580
Okmulgee, OK 74447

February 3, 2014

RE: Florida Southeast Connection natural gas pipeline

Dear Mr. Spain:

In late July 2013, Florida Southeast Connection, LLC was selected to design, construct, and operate a new underground 126-mile natural gas pipeline, known as the Florida Southeast Connection (FSC), to be built through Osceola, Polk, Okeechobee, St. Lucie, and Martin Counties in Florida. The FSC pipeline will connect with a new proposed hub for natural gas transportation, near Intercession City, in Osceola County, to Florida Power & Light (FPL)'s Martin Clean Energy Center near Indiantown, in Martin County. FSC, FPL and NextEra Energy Resources are wholly-owned subsidiaries of NextEra Energy Inc.

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As proposed, the project corridor is located outside of any modern tribal reservation boundaries, in the following Township, Range, and Sections:

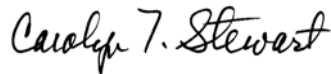
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Mr. Emman Spain
Tribal Historic Preservation Officer
Muscogee (Creek) Nation
P.O. Box 580
Okmulgee, OK 74447

Sections 1-4 of Township 31 South, Range 30 East
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Regards,



Carolyn T. Stewart
Director, Tribal Relations



Mr. Robert Thrower
Acting Tribal Historic Preservation Officer
Poarch Band of Creek Indians
5811 Jack Springs Road
Atmore, AL 36502

February 3, 2014

RE: Florida Southeast Connection natural gas pipeline

Dear Mr. Thrower:

In late July 2013, Florida Southeast Connection, LLC was selected to design, construct, and operate a new underground 126-mile natural gas pipeline, known as the Florida Southeast Connection (FSC), to be built through Osceola, Polk, Okeechobee, St. Lucie, and Martin Counties in Florida. The FSC pipeline will connect with a new proposed hub for natural gas transportation, near Intercession City, in Osceola County, to Florida Power & Light (FPL)'s Martin Clean Energy Center near Indiantown, in Martin County. FSC, FPL and NextEra Energy Resources are wholly-owned subsidiaries of NextEra Energy Inc.

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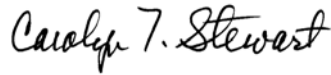
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Mr. Robert Thrower
Acting Tribal Historic Preservation Officer
Poarch Band of Creek Indians
5811 Jack Springs Road
Atmore, AL 36502

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Regards,



Carolyn T. Stewart
Director, Tribal Relations



Ms. Natalie Harjo
Tribal Historic Preservation Officer
Seminole Nation of Oklahoma
P.O. Box 1498
Wewoka, OK 74884

February 3, 2014

RE: Florida Southeast Connection natural gas pipeline

Dear Ms. Harjo:

In late July 2013, Florida Southeast Connection, LLC was selected to design, construct, and operate a new underground 126-mile natural gas pipeline, known as the Florida Southeast Connection (FSC), to be built through Osceola, Polk, Okeechobee, St. Lucie, and Martin Counties in Florida. The FSC pipeline will connect with a new proposed hub for natural gas transportation, near Intercession City, in Osceola County, to Florida Power & Light (FPL)'s Martin Clean Energy Center near Indiantown, in Martin County. FSC, FPL and NextEra Energy Resources are wholly-owned subsidiaries of NextEra Energy Inc.

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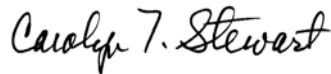
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Ms. Natalie Harjo
Tribal Historic Preservation Officer
Seminole Nation of Oklahoma
P.O. Box 1498
Wewoka, OK 74884

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Regards,

A handwritten signature in black ink that reads "Carolyn T. Stewart". The script is cursive and fluid, with the first name "Carolyn" and last name "Stewart" clearly legible.

Carolyn T. Stewart
Director, Tribal Relations

Mier, Jena

From: Mier, Jena
Sent: Friday, February 14, 2014 11:59 AM
To: 'bradleymueller@semtribe.com'
Subject: FSC Pipeline Project

Brad-

Can you please confirm that you have reviewed our proposed route and the tribe has no concerns about the location of the project at this time? Thanks.

Jena S. Mier, PWS
Senior Environmental Scientist
Environmental Services



700 Universe Blvd.
Juno Beach, FL 33408
Office 561-691-2209
Cell 561-339-0621
Jena.Mier@NextEraEnergy.com

Webb, Paul

From: Stewart, Carolyn <Carolyn.Stewart@nexteraenergy.com>
Sent: Tuesday, March 11, 2014 7:45 PM
To: Tessier, John
Subject: FW: Proposed construction of pipeline by Florida Southeast connection.

FYI

Carolyn Stewart
Director, Tribal Relations
NextEra Energy

Carolyn.Stewart@NextEraEnergy.com
Mobile: 480 236-5896

From: Emman Spain [mailto:ESpain@MCN-NSN.gov]
Sent: Monday, February 24, 2014 4:54 PM
To: Stewart, Carolyn
Subject: Proposed construction of pipeline by Florida Southeast connection.

Ms. Stewart,

The Muscogee (Creek) Nation would like to meet with Florida Southeast Connection, however, it is the Federal Energy Regulatory Commission's obligation as the lead Federal Agency to consult with the Federally Recognized Tribes with interest in the project areas.

Emman Spain, THPO
Muscogee (Creek) Nation

Mier, Jena

From: Stewart, Carolyn
Sent: Monday, April 07, 2014 3:00 PM
To: Mier, Jena; Tessier, John
Subject: FW: Deficiency Letter/Data Response submitted in FERC PF14-1-000,et al. by Choctaw Nation of Oklahoma,et al.

Carolyn Stewart
Director, Tribal Relations
NextEra Energy

Carolyn.Stewart@NextEraEnergy.com
Mobile: 480 236-5896

From: Stewart, Carolyn
Sent: Tuesday, March 04, 2014 5:18 PM
To: Tessier, John
Subject: RE: Deficiency Letter/Data Response submitted in FERC PF14-1-000,et al. by Choctaw Nation of Oklahoma,et al.

I heard from Miccosukee today that they have no issues. Got an email from Muscogee Creek that they'd like consultation from FERC. I responded but haven't heard back.

Carolyn Stewart
Director, Tribal Relations
480 236-5896

----- Original message -----

From: "Tessier, John" <John.Tessier@nee.com>
Date: 03/04/2014 3:00 PM (GMT-07:00)
To: "Stewart, Carolyn" <Carolyn.Stewart@nexteraenergy.com>
Subject: FW: Deficiency Letter/Data Response submitted in FERC PF14-1-000,et al. by Choctaw Nation of Oklahoma,et al.

Hey Carolyn,

Just a quick project update, the Choctaw Nation has requested Government Consultation for the Sabal Trail project.

For the FSC project the Seminole Tribe of Florida has told us they have no concerns and are drafting a letter stating that to FERC. Other than that we haven't heard anything from the other tribes.

John Tessier
Environmental Specialist
Environmental Services Department

Florida Southeast Connection, LLC.
700 Universe Blvd



March 10, 2013

Mr. Robert F. Bendus
Director, and State Historic Preservation Officer
Florida Division of Historical Resources
R.A. Gray Building
500 South Bronough Street
Tallahassee, Florida 32399

Attn: Timothy Parsons, Ph.D.

Re: Cultural Resource Assessment Survey
Florida Southeast Connection Natural Gas Pipeline
Osceola, Polk, Okeechobee, St. Lucie, and Martin Counties
Florida Southeast Connection - DEP ERP #0324813001

Dear Mr. Bendus:

Please find enclosed the Cultural Resource Assessment Survey (CRAS) report conducted for the Florida Southeast Connection (FSC) Natural Gas Pipeline (the Project).

The Project originates in Osceola County and runs approximately 127 miles south and east through the counties of Osceola, Polk, Okeechobee, St. Lucie, and Martin where it terminates at Florida Power & Light Company's (FPL) Martin Clean Energy Center near Indiantown. Approximately 86 miles of the pipeline will be located adjacent to highways, county roads, and other roadways. Approximately 16 additional miles will be collocated within or adjacent to existing utility corridors. The remaining 25 miles of the pipeline will be located within citrus groves, unimproved pasture, and other undeveloped lands.

The objective of this survey was to identify any cultural resources located within the Area of Potential Effect (APE) for the Project and assess their eligibility for listing in the National Register of Historic Places (National Register) according to the criteria set forth in 36 CFR Section 60.4.

Enclosed you will find the following documents:

- One unbound copy of the CRAS document (March 2014);
- One CD containing a .pdf of the CRAS document, an electronic version of the FMSF forms, survey log sheet, and photographs of the identified historic resources;
- One set of unbound FMSF forms; and
- One unbound survey log sheet.

Florida Southeast Connection, LLC

700 Universe Blvd., Juno Beach, FL 33408

The CRAS was conducted in accordance with Section 106 of the *National Historic Preservation Act (NHPA) of 1966* (Public Law 89-665, as amended) as implemented by 36 CFR 800 (*Protection of Historic Properties*, effective January 2001); Chapter 267, *Florida Statutes (Florida Historical Resources Act)*; the minimum field methods, data analysis, and reporting standards embodied in the Florida Division of Historical Resources' (FDHR) *Cultural Resource Management Standards and Operational Manual* (February 2003); and the Federal Energy Regulatory Commission, Office of Energy Projects (OEP) *Guidelines for Reporting on Cultural Resources Investigations for Pipeline Projects* (December 2002). All work conformed to professional guidelines set forth in the *Secretary of Interior's Standards and Guidelines for Archaeology and Historic Preservation* (48 FR 44716, as amended and annotated) and Chapter 1A-46 (*Archaeological and Historical Report Standards and Guidelines*), Florida Administrative Code. Key personnel meet the *Secretary of the Interior's Professional Qualification Standards* (48 FR 44716) for archaeology, history, architecture, architectural history, or historic architecture.

The CRAS of the Project identified 25 archaeological sites, including 18 precontact period sites and seven historic period sites. None of the sites are considered to be eligible for listing in the National Register, and no further work is recommended within the currently proposed APE.

A total of 25 historic resources were identified, including 11 historic buildings and 14 historic linear resources. Three of the historic linear resources, the South Florida Railroad/CSX Railroad (8PO7219/8OS2540), FEC Railroad-Lake Harbor Branch (8SL3014), and the Seaboard Airline Railroad/CSX Railroad (8MT1514), have been previously determined to be National Register-eligible by SHPO. FSC proposes to use a bore method to install the pipeline underneath these resources, thereby avoiding impacts.

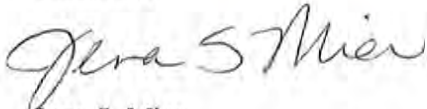
The SHPO also previously noted there is insufficient evidence to evaluate the eligibility of one of the historic resources, Old Kissimmee Road/Old Tampa Road (8PO7154/8OS2567). During this survey, there was also insufficient information to evaluate the significance of this resource due to the small segments located within the APE and lack of overall context that could be observed. However, FSC proposes using a bore to install the pipeline underneath this resource, thereby avoiding impacts. Based on the use of this method, additional research is not needed to evaluate the significance of the portion of Old Kissimmee Road/Old Tampa Road (8PO7154/8OS2567) within the APE.

The remaining 21 historic resources are ineligible for listing in the National Register individually or as part of a historic district. Based on the results of this survey, no further work is recommended for these resources.

Robert Bendus
March 10, 2014
Page 3

If you have questions regarding the Project or if I may be of assistance, please contact me at 561-691-2209 or Jena.Mier@nec.com.

Sincerely,



Jena S. Mier
Environmental Project Manager
Florida Southeast Connection

Enclosures

cc: Kathleen Hoffman, Janus Research
Phil Simpson, ECT

The Director of the Florida Division of Historical Resources, State Historic Preservation Officer finds the attached Cultural Resource Assessment Survey complete and sufficient and concurs with the recommendations and findings provided in this cover letter for SHPO/DHR Project File Number _____.

Robert F. Bendus
Director, and State Historic Preservation Officer
Florida Division of Historical Resources

Date

Mier, Jena

From: Emman Spain <ESpain@MCN-NSN.gov>
Sent: Monday, April 07, 2014 9:22 AM
To: SharedMailbox, Pipeline-Project
Subject: FW: Florida Southeast Connection pipeline project.

From: Emman Spain
Sent: Monday, April 07, 2014 8:18 AM
To: 'Pipeline-Project.SharedMailbox@nextteraenergy.com'
Cc: Johnnie Jacobs; Odette Freeman
Subject: Florida Southeast Connection pipeline project.

Dear Sir,

The Muscogee (Creek) Nation has received notice of the Florida Southeast Connection, LLC, proposed pipeline project. The project consisting of 127 miles of underground pipeline will be traversing our area of concern that contains a high potential to impact our cultural resources. There remains many questions that we believe should be addressed before any ground disturbing activities begin. We propose that FERC as the lead federal agency for this project consult with the Muscogee (Creek) Nation and all other tribes that have an interest within the project corridor. Whether by a face to face consultation or by teleconference, we believe it is imperative that consultation take place as per NHPA 106. Please feel free to call me or email me when a consultation can be arranged. Thank you.

Emman Spain, Tribal Historic Preservation Officer
Muscogee (Creek) Nation
P. O. Box 580
Okmulgee, OK 74447
(918) 732-7678
espain@mcn-nsn.gov



FLORIDA DEPARTMENT of STATE

RICK SCOTT
Governor

KEN DETZNER
Secretary of State

April 10, 2014

Ms. Jena S. Mier
Environmental Project Manager
Florida Southeast Connection
700 Universe Boulevard
Juno Beach, Florida 33408

Re: DHR Project File No.: 2014-1311 / Received by DHR: March 11, 2014
*Cultural Resource Assessment Survey of the Florida Southeast Connection Natural Gas Pipeline,
Osceola, Polk, Okeechobee, St. Lucie, and Martin Counties*

Dear Ms. Mier:

Our office received and reviewed the above referenced report in accordance with Section 106 of the *National Historic Preservation Act of 1966* (Public Law 89-665), as amended in 1992, and 36 C.F.R., Part 800: *Protection of Historic Properties*, and Chapter 267, *Florida Statutes*, for assessment of possible adverse impact to cultural resources (any prehistoric or historic district, site, building, structure, or object) listed, or eligible for listing, in the National Register of Historic Places (NRHP).

From July to October 2013, Janus Research conducted an archaeological and historical Phase I survey of the Florida Southeast Connection Natural Gas Pipeline project area on behalf of Florida Southeast Connection, LLC. Janus investigated 25 archaeological sites, 11 historic structures, and 14 historic linear resources within the project tract during this investigation. Five previously recorded sites (8PO4015, 8PO4016, 8PO4020, 8PO4021, and 8SL1114) and three historic resources (8PO7155, 8OS2514, and 8MT370) could not be relocated by Janus.

Eleven of these archaeological sites (8PO3968, 8PO3970-8PO3975, 8PO4019, 8PO4022, 8PO7041, and 8PO7160) were previously determined to be ineligible for the NRHP. Janus determined that sites 8PO7704, 8PO7707-8PO7717, 8PO7748, and 8PO7749 are ineligible for listing in the NRHP. Site 8SL1114 was not relocated, and may contain human remains.

Three historic linear resources (8PO7219/8OS2540, 8SL3014, and 8MT1514) were previously determined to be eligible for the NRHP. Eight historic resources (8PO3863, 8PO7056, 8PO7057, 8OS2518, 8OS2519, 8SL1658, 8MT1526, and 8MT1597) were previously determined to be ineligible for the NRHP. Janus determined that 8PO6449, 8PO7058, 8PO7718, 8PO7719-8PO7724, 8OB343-8OB345, and 8SL3193) are ineligible for listing in the NRHP. Janus had insufficient information to assess the eligibility of 8PO7154/8OS2567.

Florida Southeast Connection proposes to use a bore method to install the pipeline underneath 8PO7154/8OS2567, 8PO7219/8OS2540, 8SL3014, and 8MT1514 to avoid adverse effects to these resources.



Ms. Mier
April 10, 2014
Page 2

Based on the information provided, our office concurs with these determinations and finds the submitted report to be complete and sufficient in accordance with Chapter 1A-46, *Florida Administrative Code*.

If I can be of any further help, or if you have any questions about this letter, please feel free to contact me at Sarah.Liko@DOS.MyFlorida.com, or by phone at 850.245.6333.

Sincerely



Robert F. Bendus, Director
Division of Historical Resources
and State Historic Preservation Officer



April 24, 2014

Mr. Emman Spain
Tribal Historic Preservation Officer
Muscogee (Creek) Nation
P.O. Box 580
Okmulgee, OK 74447

Subject: Florida Southeast Connection, LLC
FERC Docket No. PF14-2-000
Florida Southeast Connection Pipeline

Dear Mr. Spain:

Per the request of FERC Commission Staff, FSC herewith submits a CD containing the Cultural Resources Assessment prepared for the Project. Please note that this document has been filed with FERC as Privileged and Confidential. Please do not make it public.

Please contact me at 561-691-2209 if you have any questions regarding this submission.

Sincerely,

A handwritten signature in cursive script that reads "Jena S. Mier".

Jena S. Mier
Environmental Project Manager
Florida Southeast Connection, LLC
jena.mier@nee.com

Enclosure

cc: Jessica Harris
Ellen Armbruster
William Lavarco, Esq.
Carolyn Stewart



July 15, 2014

Mr. Robert F. Bendus
Director, and State Historic Preservation Officer
Florida Division of Historical Resources
R.A. Gray Building
500 South Bronough Street
Tallahassee, Florida 32399

Attn: Timothy Parsons, Ph.D.

Re: Cultural Resource Assessment Survey Supplemental Report 1
Florida Southeast Connection Natural Gas Pipeline
Osceola, Polk, Okeechobee, St. Lucie, and Martin Counties
Florida Southeast Connection—DEP ERP #0324813001

Dear Mr. Bendus:

Please find enclosed the Cultural Resource Assessment Survey (CRAS) Supplemental Reports conducted by Janus Research and Cardno Entrix for the Florida Southeast Connection (FSC) Natural Gas Pipeline (the Project). The supplemental reports cover those areas along the pipeline route for which access was not previously available as well as proposed re-routes, access roads, work spaces, and an expansion to the previously surveyed Mile Post (MP) 77.5 pipe yard.

The objective of the surveys was to identify any cultural resources located within the area of potential effect (APE) for the Project and assess their eligibility for listing in the National Register of Historic Places (National Register) according to the criteria set forth in 36 CFR Section 60.4.

Enclosed you will find the following documents:

- One unbound copy of the CRAS supplemental report document by Cardno Entrix (April 2014);
- One unbound copy of the CRAS supplemental document by Janus Research (June 2014);
- One CD containing a .pdf of the CRAS supplemental reports, an electronic version of the FMSF forms and survey log sheet;
- One set of unbound FMSF forms; and
- Two unbound survey log sheets (one for each report).

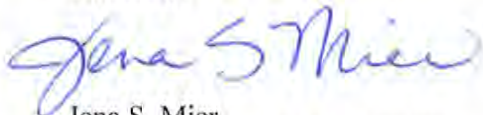
The CRAS was conducted in accordance with Section 106 of the *National Historic Preservation Act (NHPA) of 1966* (Public Law 89-665, as amended) as implemented by 36 CFR 800 (*Protection of Historic Properties*, effective January 2001); Chapter 267, *Florida Statutes (Florida Historical Resources Act)*; the minimum field methods, data analysis, and reporting

standards embodied in the Florida Division of Historical Resources' (FDHR) *Cultural Resource Management Standards and Operational Manual* (February 2003); and the Federal Energy Regulatory Commission, Office of Energy Projects (OEP) *Guidelines for Reporting on Cultural Resources Investigations for Pipeline Projects* (December 2002). All work conformed to professional guidelines set forth in the *Secretary of Interior's Standards and Guidelines for Archaeology and Historic Preservation* (48 FR 44716, as amended and annotated) and Chapter 1A-46 (*Archaeological and Historical Report Standards and Guidelines*), Florida Administrative Code. Key personnel meet the *Secretary of the Interior's Professional Qualification Standards* (48 FR 44716) for archaeology, history, architecture, architectural history, or historic architecture.

The CRAS for supplemental report by Cardno Entrix identified no archaeological sites or historic resources. The CRAS for supplemental report by Janus Research identified nine archaeological sites, including five precontact period sites and four historic period sites. None of the sites are considered to be eligible for listing in the National Register. No newly recorded or previously recorded historic resources were identified within the project APE. Based on the results of these surveys, no further work is recommended for the identified resources.

If you have questions regarding the Project or if I may be of assistance, please contact me at 561-691-2209 or Jena.Mier@nee.com.

Sincerely,



Jena S. Mier
Environmental Project Manager
Florida Southeast Connection

Enclosure

cc: Kathleen Hoffman, Janus Research
Phil Simpson, ECT
Paul Jones, Cardno Entrix

The Director of the Florida Division of Historical Resources, State Historic Preservation Officer finds the attached Cultural Resource Assessment Surveys complete and sufficient and concurs with the recommendations and findings provided in this cover letter for SHPO/DHR Project File Number _____.

Robert F. Bendus
Director, and State Historic Preservation Officer
Florida Division of Historical Resources

Date



FLORIDA DEPARTMENT of STATE

RICK SCOTT
Governor

KEN DETZNER
Secretary of State

Ms. Jena S. Mier
Environmental Project Manager
Florida Southeast Connection
700 Universe Boulevard
Juno Beach, Florida 33408

August 15, 2014

Re: DHR Project File No.: 2014-3605 / Received by DHR: July 16, 2014
*Cultural Resource Assessment Survey of the Florida Southeast Connection Natural Gas Pipeline,
Supplemental Report 1, Polk, Okeechobee, St. Lucie, and Martin Counties
Cultural Resource Assessment Survey of Latt Maxcy Property – Florida Southeast Connection
(Supplemental Report 1)*

Dear Ms. Mier:

Our office received and reviewed the above referenced report in accordance with Section 106 of the *National Historic Preservation Act of 1966* (Public Law 89-665), as amended in 1992, and 36 C.F.R., *Part 800: Protection of Historic Properties*, and Chapter 267, *Florida Statutes*, for assessment of possible adverse impact to cultural resources (any prehistoric or historic district, site, building, structure, or object) listed, or eligible for listing, in the National Register of Historic Places (NRHP).

From February to May 2014, Janus Research conducted an archaeological and historical Phase I survey of the Florida Southeast Connection Natural Gas Pipeline project areas for which access was not previously available on behalf of Florida Southeast Connection, LLC. Janus investigated seven previously unrecorded archaeological sites (8PO7754-8PO7756, 8PO7763-8PO7765, and 8SL3263), two previously known sites (8PO6826 and 8PO7711), and five archaeological occurrences within the project tract during this investigation.

Sites 8PO6826 and 8PO7711 were previously determined to be ineligible for listing in the NRHP by this office. Testing by Janus did not yield additional information to change the status of these sites. Janus determined that sites 8PO7754-8PO7756 and 8PO7763-8PO7765 lack sufficient research potential to be eligible for listing in the NRHP.

From March to May 2014, Cardno ENTRIX conducted an archaeological and historical Phase I survey of the Latt Maxcy property on behalf of Florida Southeast Connection, LLC. Cardno ENTRIX identified one archaeological occurrence within the project tract during this investigation.

Ms. Mier
August 15, 2014
Page 2

Based on the information provided, our office concurs with these determinations and finds the submitted report to be complete and sufficient in accordance with Chapter 1A-46, *Florida Administrative Code*.

If I can be of any further help, or if you have any questions about this letter, please feel free to contact me at Sarah.Liko@DOS.MyFlorida.com, or by phone at 850.245.6333.

Sincerely

A handwritten signature in dark ink, appearing to read "Robert F. Bendus", with a large, stylized flourish extending from the end of the signature.

Robert F. Bendus, Director
Division of Historical Resources
and State Historic Preservation Officer

2014-3605
FERC

RECEIVED
BUREAU OF
HISTORIC PRESERVATION
2014 JUL 11 P 2:06



July 15, 2014

Mr. Robert F. Bendus
Director, and State Historic Preservation Officer
Florida Division of Historical Resources
R.A. Gray Building
500 South Bronough Street
Tallahassee, Florida 32399

Attn: Timothy Parsons, Ph.D.

Re: Cultural Resource Assessment Survey Supplemental Report 1
Florida Southeast Connection Natural Gas Pipeline
Osceola, Polk, Okeechobee, St. Lucie, and Martin Counties
Florida Southeast Connection—DEP ERP #0324813001

Dear Mr. Bendus:

Please find enclosed the Cultural Resource Assessment Survey (CRAS) Supplemental Reports conducted by Janus Research and Cardno Entrix for the Florida Southeast Connection (FSC) Natural Gas Pipeline (the Project). The supplemental reports cover those areas along the pipeline route for which access was not previously available as well as proposed re-routes, access roads, work spaces, and an expansion to the previously surveyed Mile Post (MP) 77.5 pipe yard.

The objective of the surveys was to identify any cultural resources located within the area of potential effect (APE) for the Project and assess their eligibility for listing in the National Register of Historic Places (National Register) according to the criteria set forth in 36 CFR Section 60.4.

Enclosed you will find the following documents:

- One unbound copy of the CRAS supplemental report document by Cardno Entrix (April 2014);
- One unbound copy of the CRAS supplemental document by Janus Research (June 2014);
- One CD containing a .pdf of the CRAS supplemental reports, an electronic version of the FMSF forms and survey log sheet;
- One set of unbound FMSF forms; and
- Two unbound survey log sheets (one for each report).

The CRAS was conducted in accordance with Section 106 of the *National Historic Preservation Act (NHPA)* of 1966 (Public Law 89-665, as amended) as implemented by 36 CFR 800 (*Protection of Historic Properties*, effective January 2001); Chapter 267, *Florida Statutes* (*Florida Historical Resources Act*); the minimum field methods, data analysis, and reporting

standards embodied in the Florida Division of Historical Resources' (FDHR) *Cultural Resource Management Standards and Operational Manual* (February 2003); and the Federal Energy Regulatory Commission, Office of Energy Projects (OEP) *Guidelines for Reporting on Cultural Resources Investigations for Pipeline Projects* (December 2002). All work conformed to professional guidelines set forth in the *Secretary of Interior's Standards and Guidelines for Archaeology and Historic Preservation* (48 FR 44716, as amended and annotated) and Chapter 1A-46 (*Archaeological and Historical Report Standards and Guidelines*), Florida Administrative Code. Key personnel meet the *Secretary of the Interior's Professional Qualification Standards* (48 FR 44716) for archaeology, history, architecture, architectural history, or historic architecture.

The CRAS for supplemental report by Cardno Entrix identified no archaeological sites or historic resources. The CRAS for supplemental report by Janus Research identified nine archaeological sites, including five precontact period sites and four historic period sites. None of the sites are considered to be eligible for listing in the National Register. No newly recorded or previously recorded historic resources were identified within the project APE. Based on the results of these surveys, no further work is recommended for the identified resources.

If you have questions regarding the Project or if I may be of assistance, please contact me at 561-691-2209 or Jena.Mier@nec.com.

Sincerely,



Jena S. Mier
Environmental Project Manager
Florida Southeast Connection

Enclosure

cc: Kathleen Hoffman, Janus Research
Phil Simpson, ECT
Paul Jones, Cardno Entrix

The Director of the Florida Division of Historical Resources, State Historic Preservation Officer finds the attached Cultural Resource Assessment Surveys complete and sufficient and concurs with the recommendations and findings provided in this cover letter for SHPO/DHR Project File Number 2014-3605.



Robert F. Bendus

**Director, and State Historic Preservation Officer
Florida Division of Historical Resources**

8/18/14
Date

APPENDIX 4B

Cultural Resource Survey Reports

**PRIVILEGED AND CONFIDENTIAL
BOUND SEPARATELY IN VOLUME IV**

APPENDIX 4C

Procedures Guiding the Discovery of Unanticipated Cultural Resources and Human Remains

APPENDIX 4C

PROCEDURES GUIDING THE DISCOVERY OF UNANTICIPATED HISTORIC PROPERTIES AND HUMAN REMAINS: POST-REVIEW DISCOVERIES (36 CFR 800.13)

FLORIDA SOUTHEAST CONNECTION PROJECT

**Osceola, Polk, Okeechobee, St. Lucie, and Martin Counties,
Florida**

Prepared
for

**FLORIDA SOUTHEAST CONNECTION, LLC
700 Universe Blvd.
Juno Beach, Florida 33408**

Prepared
by

**TRC ENVIRONMENTAL CORPORATION
4155 Shackleford Road
Norcross, Georgia 30093**

April 8, 2014

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1.0 INTRODUCTION

Florida Southeast Connection, LLC (FSC), a subsidiary of NextEra Energy, Inc., is committed to the protection and preservation of cultural resources in accordance with federal and state legislation. FSC recognizes that despite intensive cultural resource field investigations that are typically performed prior to project construction, it is nonetheless possible that potentially significant archaeological resources could be discovered during project construction or maintenance activities, particularly during excavation. FSC also recognizes the requirement for compliance with federal and state laws and regulations regarding the treatment of human remains, if any are discovered.

As such, procedures guiding the unanticipated discovery of cultural resources and human remains detailed herein ("Procedures") were developed on behalf of FSC and in consultation with the Florida Division of Historical Resources/the Florida State Historic Preservation Officer ("SHPO"). These Procedures summarize the approach that FSC (and/or its contractors or consultants) will use to address unanticipated discoveries of archaeological resources during construction activities within the FSC Project's Area of Potential Effect ("APE").

The purpose of archaeological investigations during the planning of natural gas pipeline projects is to determine the presence or absence of historic properties within a project area. These archaeological investigations are conducted in accordance with standards set forth in the Federal Energy Regulatory Commission ("FERC") Office of Pipeline Regulation's *Guidelines for Reporting on Cultural Resources Investigations* (2002), pursuant to 18 CFR 157.206 and Appendix II of Subpart F, which require actions taken under sections 3 and 7 of the Natural Gas Act (Part 380, Appendix A) to comply with the National Environmental Policy Act of 1969 ("NEPA") and Section 106 of the National Historic Preservation Act of 1966 (16 USC 470f), as amended (1976, 1980, 1992, 1999), and implementing regulations of the Advisory Council on Historic Preservation ("ACHP") (36 CFR 800), specifically, those procedures regarding "post-review discoveries" as outlined in 36 CFR 800.13. All work is undertaken pursuant to the *Secretary of the Interior's Standards for Archaeology and Historic Preservation* (Federal Register 48:44716-44742 [1983]) and the applicable laws and regulations pertaining to the cultural resources and human remains of Florida.

2.0 STANDARDS/GUIDELINES AND LAWS/REGULATIONS FOR UNANTICIPATED HISTORIC PROPERTIES AND HUMAN REMAINS

These Procedures will be followed in the event any archaeological resources and/or human remains are encountered during construction of the FSC Project. The Procedures as set forth below are in accordance with the current standards and guidelines elaborated in the following standards/guidelines and laws/regulations:

2.1 Federal

- Section 106 of the National Historic Preservation Act of 1966, as amended (16 USC 470f)
- Secretary of the Interior's Standards for Archeology and Historic Preservation (48 CFR 44716-42)
- ACHP: *Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects* (Advisory Council February 23, 2007)

- FERC Office of Pipeline Regulation: *Guidelines for Reporting on Cultural Resources Investigations* (2002)

2.2 Florida

- Cultural Resource Management Standards and Operation Manual (Florida Division of Historical Resources 2003)
- Florida Statutes Title XVIII, Chapter 267 (*Florida Historical Resources Act*), Florida Statutes Title XLVI, Chapter 872.02 (Injuring or removing tomb or monument; disturbing contents of grave or tomb), 872.05 (Unmarked human burials)

3.0 CONSULTATION WITH CONSULTING PARTIES AND NATIVE AMERICAN GROUPS

As part of the FSC Project, FSC and the FERC have initiated contact with the SHPO and federally recognized Native American groups. Contact information for the SHPO and Native American groups is included in Appendix A. In the event that any archaeological resources and/or human remains are encountered during construction of the Project, FSC will contact the relevant parties.

4.0 UNANTICIPATED ARCHAEOLOGICAL AND HUMAN REMAINS DISCOVERY PROTOCOL

4.1 Cultural Resources Training

The identification of archaeological resources requires basic training in order to recognize potential sites. FSC requires that its employees and contractors have a basic understanding of the nature of cultural resources. As a result, all FSC inspectors and construction contractor personnel will be given basic training in cultural resource site recognition. The Procedures will be included in all relevant construction contractor documents.

The purpose of this training will be to review FSC's commitments regarding cultural resources compliance and to provide an overview of the general cultural history of the various Project areas, so that both FSC and construction personnel will be aware of the kinds of archaeological resources that may be encountered in the field. In addition, the training program will emphasize the exact procedures to be followed, as outlined in these Procedures, regarding actions to be taken and notification required in the event of a significant site discovery, such as a discovery of human remains, during construction.

The training will be designed to ensure that FSC personnel and construction contractors understand the extent of the archaeological survey program that has been performed for the Project and are fully aware of the distinction between sites that have been located and "cleared" under the cultural resource program (i.e., determined to be non-significant after different levels of investigation or sites that have already undergone data recovery) and new discoveries during the construction process.

4.2 Notification Procedures

The following details the plan that will be followed in the event that new cultural resource sites or human remains are discovered during the construction process.

The protocol to follow in the advent of an unanticipated discovery contains the following steps:

- The Contractor will immediately notify the Cultural Resource Monitor (“CRM”) or Lead Environmental Inspector (“EI”) (or Chief Inspector, if the Lead EI or CRM is not immediately available) of an unanticipated discovery.
- The Lead EI or Chief Inspector will direct a *Stop Work* order to the Contractor’s Site Foreman to flag or fence off the archaeological discovery location and direct the Contractor to take measures to ensure site security. Any discovery made on a weekend or overnight hours will be protected until all appropriate parties are notified of the discovery. The Contractor will not restart work in the area of the find until the Chief Inspector has granted clearance.
- The Lead EI will indicate the location and date of the discovery on the project plans and will notify the CRM, who will undertake a site visit or otherwise coordinate an on-site archaeological consultation.
- The CRM will conduct a preliminary assessment of the find to determine if it is a potentially significant archaeological site.
- If the find is determined by the CRM to not be a potentially significant archaeological site, the Chief Inspector will notify the Contractor’s Work Foreman to resume work.
- If the CRM determines the find is a potentially significant archaeological site, FSC will immediately notify the FERC and the SHPO of that fact; notifications will be made by FSC within 8 hours.
- FSC will direct the CRM to begin a more detailed assessment of the find’s significance and the potential project effects. The CRM will dispatch an archaeological team to the site to determine the nature and extent of the archaeological deposits; FSC and the CRM will ensure that the team has full access to the required site area and be accommodated by the Contractor to complete this investigation in the most expeditious manner possible.
- The CRM will notify FSC and the FERC of the team’s findings and recommendations, whether the archaeological deposits are assessed not to be significant, and request approval for construction to proceed, or describe a proposed scope of work for evaluating the significance of the find and evaluating project effects.
- The CRM will convey this information to the SHPO and FERC, who will provide information to Native American groups as appropriate. At the discretion of the FERC, the CRM, and the SHPO, a meeting may be held to discuss options and recommendations.

- If the archaeological deposits are determined to be a significant archaeological resource and it is threatened by further project development, the CRM, at the direction of the FERC and in consultation with the SHPO, Native American groups, and relevant consulting parties, will develop an archaeological mitigation plan.
- Upon direction by the FERC, the SHPO, and FSC, the CRM will implement the archaeological mitigation plan.
- A meeting or site visit may be held with the FERC, FSC, the SHPO, the CRM, and other appropriate parties once the field investigation for site mitigation has been completed to review the work accomplished.
- Duration of any work stoppages will be contingent upon the significance of the identified archaeological resource(s) and consultation with the FERC, FSC, SHPO, the CRM, and other appropriate parties to determine the appropriate measures to avoid, minimize, or mitigate any adverse effects to the site.

4.3 Unanticipated Discovery of Human Remains Protocol

FSC will treat any human remains encountered during the FSC Project in a manner guided by the ACHP's *Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects* (2007) and by the relevant Florida laws and guidelines. In the event that human remains are discovered during construction of the Project, FSC will implement the following Procedures:

- The Contractor will immediately notify the CRM or Lead EI (or Chief Inspector, if the Lead EI or CRM is not immediately available) of an unanticipated discovery.
- The Lead EI or Chief Inspector will direct a *Stop Work* order to the Contractor's Site Foreman to flag or fence off the archaeological discovery location and direct the Contractor to take measures to ensure site security. Any discovery made on a weekend or overnight hours will be protected until all appropriate parties are notified of the discovery. The Contractor will not restart work in the area of the find until the Chief Inspector has granted clearance.
- The Lead EI or the CRM will indicate the location and date of the discovery on the project plans and notify FSC and the FERC.
- At all times human remains must be treated with the utmost dignity and respect. Human remains and/or associated artifacts will be left in place and not disturbed. No skeletal remains or materials associated with the remains will be collected or removed until appropriate consultation has taken place and a plan of action has been developed.
- FSC will immediately notify the FERC and the SHPO of the find, as well as the CRM, the Florida State Archaeologist, the local police, and appropriate Medical Examiner's Office.
- FSC will provide an opportunity for local law enforcement and, if necessary, a representative of the Medical Examiner's Office, to visit and inspect the site to determine whether the site constitutes a crime scene.

- If it is declared a criminal matter, the CRM will have no further involvement and the decision to declare it a *Cleared Site* for construction will be made by the appropriate legal authorities.
- If the find is determined not to be a criminal matter, the CRM, under the direction of the Florida State Archaeologist and FERC, will comprehensively evaluate the potential to avoid and/or minimize the Project's effects to the human remains. If no feasible avoidance plan can be developed to allow the human remains to stay in place, at the direction of FERC and the Florida State Archaeologist, FSC and the CRM, will develop a site-specific disinterment/re-interment plan.
- If human remains are determined to be Native American, the remains will be left in place and protected from further disturbance until a site-specific work plan for their avoidance or removal can be generated. Please note that avoidance is the preferred choice of the SHPO and Native American groups. The CRM will contact the FERC, and the State of Florida Archaeologist who will then coordinate with the appropriate Native American groups to develop a plan of action that is consistent with applicable federal and state laws and regulations.
- If human remains are determined to be non-Native American, the remains will be left in place and protected from further disturbance until a site-specific work plan for their avoidance or removal can be generated. Please note that avoidance is the preferred choice of the Florida State Archaeologist. Consultation with the Florida State Archaeologist, SHPO and other appropriate parties will be required to determine a plan of action.

4.4 Provisions for Site Security

Provisions must be made to secure any area containing, or suspected of containing, human remains from unauthorized entry to the site. To this end, the Procedures require that security fencing with locked gates be erected at the site once the presence of human remains has been ascertained and the dimensions of the cemetery within the APE have been established. The area to be fenced will be large enough to stage and complete the disinterment project. To ensure security during off-hours, a private security firm will be hired for the time during which burials are still present at the site; once they have been completely removed, the security fencing will be removed and the security patrols will cease.

Security will also be extended to the excavation and removal of the human remains. Temporary work shelters will be erected over individual (or small groups of) graves while they are in the process of being excavated and their remains removed. The shelters will permit adequate interior work space, but will prevent any outside persons from viewing the remains or the disinterment process. The shelters will also permit the disinterment team to work in most, if not all, weather conditions.

5.0 FEDERAL AGENCY CONTACTS

Federal Energy Regulatory Commission
Office of Energy Projects
825 N. Capitol Street, N.E.
Washington, DC 20426

Contact: OEP/DG2E/Gas Branch 3
Jessica Harris, Environmental Project Manager
Tel: (202) 502-6805
Email: jessica.harris@ferc.gov

Ellen Armbruster, Archaeologist
Tel: (202) 502-8097
Email: ellen.armbruster@ferc.gov

6.0 FLORIDA STATE HISTORIC PRESERVATION OFFICE CONTACTS

Florida Department of State, Division of Historical Resources
500 South Bronough Street
Tallahassee, Florida 32399

Contact:
Mary Glowacki, Ph.D., RPA, State Archaeologist
Tel: (813) 245-6319
Email: Mary.Glowacki@DOS.MyFlorida.com

Tim Parsons, Ph.D., RPA
Tel: (813) 245-6333
Email: Timothy.Parsons@DOS.MyFlorida.com

7.0 MEDICAL EXAMINER CONTACTS

Osceola County
J. Garavaglia, M.D., Medical Examiner
Sheri.Blanton@ocfl.net
Tel: 407-836-9400

Polk County
S. Nelson, M.A., M.D., Medical Examiner
StephenNelson@polk-county.net
Tel: (863) 298-4600

Okeechobee, St. Lucie, and Martin counties
R. Mittleman, M.C.
lcason@irsc.edu
Tel: (772) 464-7378

8.0 LAW ENFORCEMENT CONTACTS

First attempt to contact the Sheriff's Department as listed below; if they cannot be reached, call 911.

Osceola County
Bob Hansell - Sheriff
2601 Irlo Bronson Highway
Kissimmee, FL 34744

Tel: (407) 348-1100 / 2222
Fax: (407) 348-1115
Email: dbat@osceola.org

Polk County

Grady Judd - Sheriff
1891 Jim Keene Blvd
Winter Haven, FL 33880-8010
Tel: (863) 298-6200
Fax: (863) 298-6518
Email: gjudd@polksheriff.org

Okeechobee County

Paul C. May - Sheriff
504 North West 4th Street
Okeechobee, FL 34972-2502
Tel: (863) 763-3117
Fax: (863) 763-6366

St. Lucie County

Ken J. Mascara - Sheriff
4700 West Midway Road
Fort Pierce, FL 34981
Tel: (772) 462-7300

Martin County

William D. Snyder- Sheriff
800 SE Monterey Road
Stuart, FL 34994
Tel: (772) 220-7000
Tel: (772) 220-7170 (after hours)

9.0 FEDERALLY RECOGNIZED TRIBAL CONTACTS

Miccosukee Tribe of Indians of Florida

Fred Dayhoff
Section 106 and NAGPRA Coordinator
HC 61 Box 68 Old Loop Road
Ochopee, FL 34141
(239) 695-4360
No email

Muscogee (Creek) Nation of Oklahoma

Emman Spain, THPO
PO Box 580
Okmulgee, OK 74447
(918) 732-7600
espain@muscogeenation-nsn.gov

Poarch Band of Creek Indians

Robert Thrower, THPO
5811 Jack Springs Road
Atmore, AL 36502
(251) 368-4502
rthrower@pci-nsn.gov

Seminole Nation of Oklahoma

Natalie Harjo, Historic Preservation
PO Box 1498
Wetumka, OK 74884
(405) 257-7205

Seminole Tribe of Florida

Dr. Paul N. Backhouse, THPO
30290 Josie Billie Hwy, PMB 1004
Clewiston, FL 33440
(863) 983-6549 x 2052
paulbackhouse@semtribe.com