



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

3400 West Commercial Boulevard
Fort Lauderdale, FL 33309-3421

STEPHANIE C. KOPELOUSOS
SECRETARY

March 25, 2009

Ms. Lauren Milligan
Clearinghouse Coordinator
Florida State Clearinghouse
Department of Environmental Protection
3900 Commonwealth Boulevard
Mail Station 47
Tallahassee, Florida 32399-3000

Dear Ms. Milligan:

SUBJECT: Advance Notification

Project Name: New River CSX Railroad Bascule Bridge Project Development and Environment (PD&E) Study

ETDM Number: 9087

Federal Aid Project Number: N/A

Financial Project Number: 406919-1-22-01

Bridge Number: 869928

Broward County, Florida

We are sending this Advance Notification (AN) Package to your office for distribution to State agencies that conduct Federal consistency reviews (consistency reviewers) in accordance with the Coastal Zone Management Act and Presidential Executive Order 12372. We are also distributing the AN Package to local and Federal agencies.

Although we will request specific comments during the permitting process, we are asking that permitting and permit reviewing agencies (consistency reviewers) review the attached information and provide us with their comments.

This is a state-funded action administered by the Florida Department of Transportation, with federal oversight by the United States Coast Guard. It has been determined that the Class of Action will be an Environmental Assessment. The determination was based upon in-house environmental evaluations, comments received through the Efficient Transportation Decision Making (ETDM) process, and consultation with the United States Coast Guard. Please provide a consistency review for this project in accordance with the State's Coastal Zone Management Program.

In addition, please review this project's consistency, to the maximum extent feasible, with the approved Comprehensive Plan of the local government to comply with Chapter 163 of the Florida Statutes.

To access the ETDM project records for this project, please go to the Florida Department of Transportation's ETDM website link (<http://etdmpub.flas-estat.org/est/>) and access Project Number 9087. You can view the project description, agency comments, the Environmental

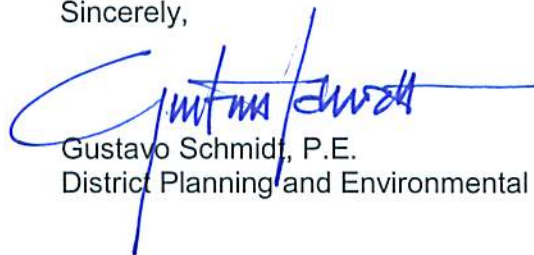
Ms. Lauren Milligan
March 25, 2009
Page 2

Review Summary Report and the Graphical Information System analysis results completed in this phase. The Final Programming Summary Report for this project is available on the website under the ETDM number listed above (and on the attached CD).

Consistency reviewers have 45 days from the Programming Screening Notification to provide their comments. Once you have received their comments, please supply a summary and consistency determination for your agency within 60 days of the Programming Screen Notification. If you need more review time, send a written request for an extension to our office within the initial 60 day comment period.

Your comments should be addressed to me at the address shown on the letterhead. We appreciate your cooperation pertaining to this matter.

Sincerely,



Gustavo Schmidt, P.E.
District Planning and Environmental Engineer

GS:js

Attachments:

Location Map
Purpose and Need Statement
CD

cc: **Federal Agencies:**

U.S. Coast Guard - Commander (oan) - Seventh District, Ms. Evelyn Smart,
Mr. Barry Dragon
Federal Railroad Administration, Region III, Mr. L. Fred Dennin, Mr. David Valenstein
Federal Transit Administration, Ms. Yvette Taylor, Ms. Jamie Pfister, Mr. James Garland,
Ms. Myra Immings
Federal Highway Administration, Acting Division Administrator, Mr. David C. Gibbs
Federal Highway Administration, Ms. Linda Anderson, Ms. Cathy Kendall
Federal Aviation Administration - Airports District Office
Federal Emergency Management Agency - Mitigation Division, Chief,
Mr. David I. Maurstad
U.S. Department of Interior - Bureau of Land Management, Eastern States Director,
Mr. Juan Palma
U.S. Department of Housing and Urban Development, Regional Environmental Officer,
Ms. Linda Poythress
U.S. Department of Interior - U.S. Geological Survey Chief
U.S. Environmental Protection Agency, ETAT Representative, Mr. Maher Budeir
U.S. Department of Interior - U.S. Fish and Wildlife Service, Mr. John Wrublik
U.S. Army Corps of Engineers - Regulatory Branch, Ms. Alisa Zarbo, Mr. Garrett Lips
U.S. Department of Commerce - National Marine Fisheries Service - Southeast
Regional Administrator
U.S. Department of Commerce - National Marine Fisheries Service - Habitat

Conservation Division, Mr. Brandon Howard, Ms. Madelyn Martinez
U.S. Department of Agriculture, Southern Region, Regional Forester,
Ms. Elizabeth Agpaoa
U.S. Department of Agriculture, Natural Resources Conservation Service,
Mr. Rick A. Robbins
U.S. Department of Interior - National Park Service - Southeast Regional Office,
Ms. Anita Barnett
U.S. Department of Health and Human Services - National Center for Environmental
Health, Director, Henry Falk, MD, MPH
U.S. Department of Interior - Bureau of Indian Affairs - Office of Trust Responsibilities
Amtrak, Principal Officer, Strategic Partnerships East, Mr. J.J. McArthur

State Agencies:

Florida Inland Navigation District, Mr. David Roach
Florida Fish and Wildlife Conservation Commission, Mr. Scott Sanders
Florida Department of Environmental Protection, Mr. Chris Stahl
Florida Department of Environmental Protection - State Clearinghouse
Florida Department of State, Mr. Brian Yates, Ms. Sherry Anderson,
Ms. Alyssa McManus
Florida Department of Community Affairs, Mr. Gary Donaldson, Mr. Timothy Smith
Florida Department of Agriculture and Consumer Services, Mr. Dennis Hardin
Florida Department of Transportation, Ms. Marjorie Bixby, Mr. James Jobe
Florida Transportation Commission, Chairman, Mr. Marcos Marchena

Elected and Appointed Officials

The Honorable Bill Nelson, Senator, U.S. Senate
The Honorable Mel Martinez, Senator, U.S. Senate
The Honorable Debbie Wasserman Schultz, District 20, U.S. House of Representatives
The Honorable Ron Klein, Representative, District 22, U.S. House of Representatives
The Honorable Eleanor Sobel, Senator, District 31, Florida Senate
The Honorable Perry E. Thurston, Jr., Representative, District 93, Florida House of
Representatives
The Honorable Evan Jenne, Representative, District 100, Florida House of
Representatives
The Honorable Stacy Ritter, Mayor, Broward County
The Honorable Ken Keechl, Vice Mayor, Broward County
The Honorable Ilene Lieberman, Commissioner, Broward County
The Honorable Kristin D. Jacobs, Commissioner, Broward County
The Honorable Lois Wexler, Commissioner, Broward County
The Honorable Sue Gunzburger, Commissioner, Broward County
The Honorable John E. Rodstrom, Jr., Commissioner, Broward County
The Honorable Diana Wasserman-Rubin, Commissioner, Broward County
The Honorable Josephus Eggelletion, Jr., Commissioner, Broward County
The Honorable John P. "Jack" Seiler, Mayor, City of Ft. Lauderdale
The Honorable Charlotte E. Rodstrom, Vice Mayor, City of Ft. Lauderdale
The Honorable Bruce G. Roberts, Commissioner, City of Ft. Lauderdale
The Honorable Bobby B. DuBose, Commissioner, City of Ft. Lauderdale
The Honorable Romney Rogers, Commissioner, City of Ft. Lauderdale
Mr. Josephus Eggelletion, Jr., Chair, South Florida Regional Transit Authority

Mr. Jeff Koons, Vice Chair, South Florida Regional Transit Authority
Mr. Bruno A. Barreiro, Board Member, South Florida Regional Transit Authority
Ms. Alice N. Bravo, Board Member, South Florida Regional Transit Authority
Mr. James A. Cummings, Board Member, South Florida Regional Transit Authority
Ms. Marie Horenburger, Board Member, South Florida Regional Transit Authority
Mr. Felix M. Lasarte, Board Member, South Florida Regional Transit Authority
Mr. George Morgan, Jr., Board Member, South Florida Regional Transit Authority
Mr. F. Martin Perry, Board Member, South Florida Regional Transit Authority

Regional & Local Agencies:

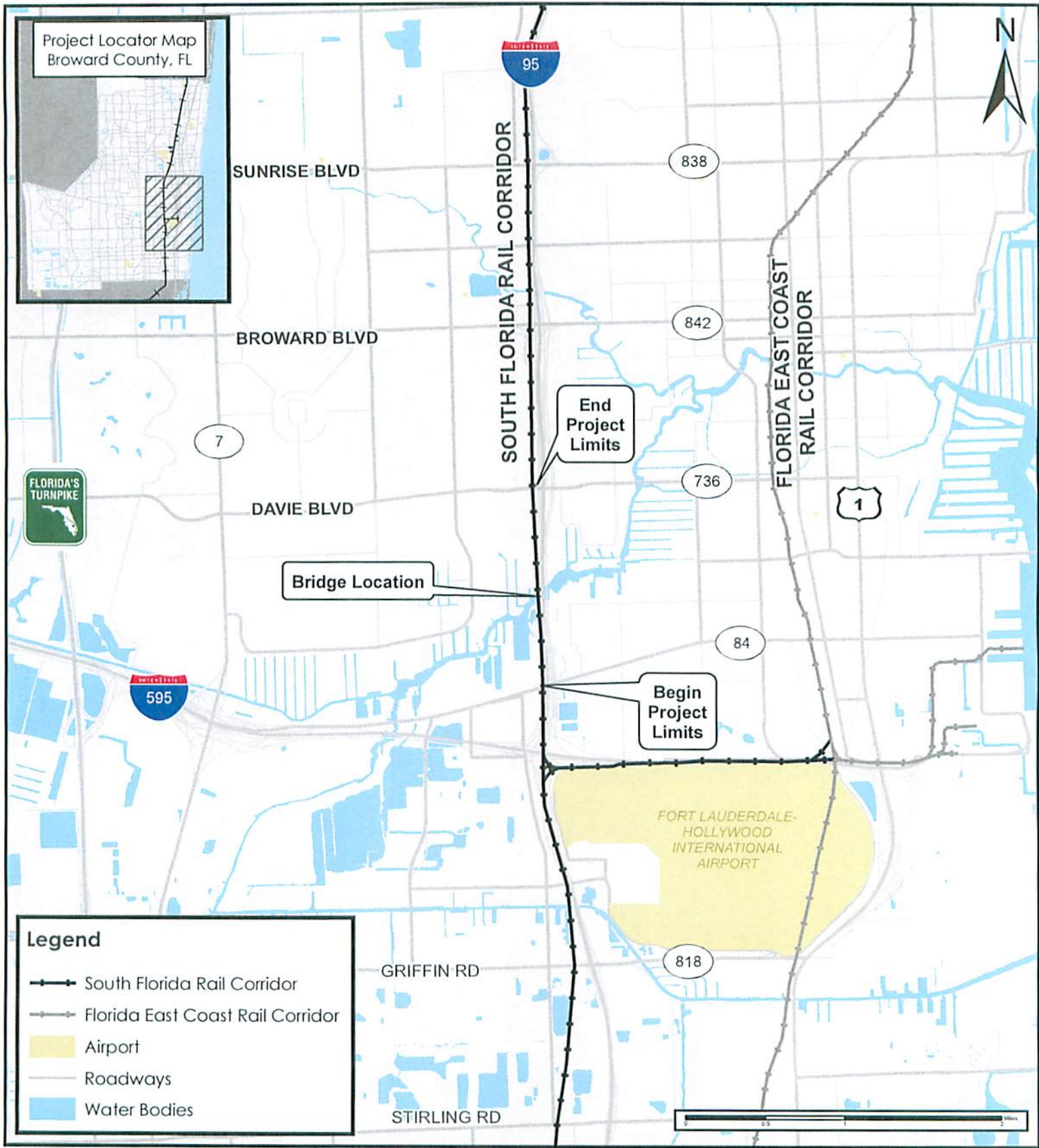
South Florida Regional Planning Council, Ms. Carolyn Dekle, Ms. Karen Hamilton
South Florida Water Management District, Mr. James Golden, Ms. Trisha Stone
South Florida Regional Transit Authority, Executive Director, Mr. Joe Giulietti
South Florida Regional Transit Authority, Director of Engineering and Construction,
Mr. Daniel Mazza

Broward County Administrator, Ms. Bertha Henry
Broward County Public Works Department, Interim Director, Mr. Tony Hui
Broward Metropolitan Planning Organization, Executive Director, Mr. Gregory Stuart
Broward Metropolitan Planning Organization, Systems Supervisor,
Mr. Ossama Al-Aschkar

Broward County Aviation, Public Information Officer, Mr. Greg Meyer
City of Fort Lauderdale, City Manager, Mr. George Gretsas
City of Fort Lauderdale, Public Works Director, Mr. Albert Carbon
City of Fort Lauderdale, Senior Public Information Specialist, Mr. Chaz Adams
Port Everglades, Public Information Officer, Ms. Ellen Kennedy
City of Dania Beach, Public Services Director, Mr. Dominic Orlando
City of Dania Beach, Public Information Officer, Mr. Joe Husosky
CSX Transportation, Chief Engineer, Design, Construction, and Capacity,
Mr. Dale Ophardt
CSX Transportation, Assistant Chief Engineer, Mr. Rick Garro

Tribal Officials:

Poarch Band of Creek Indians of Alabama, The Honorable Buford Rolin, Chairperson
Muscogee (Creek) Nation of Oklahoma, The Honorable A.D. Ellis, Principal Chief
Seminole Tribe of Florida, Mr. Willard Steele, The Honorable Mr. Mitchell Cypress,
Chairman
Miccosukee Tribe of Indians of Florida, Mr. Steve Terry, The Honorable Mr. Billy
Cypress, Chairman
Seminole Nation of Oklahoma, The Honorable Enoch Kelly Haney, Principal Chief
Mississippi Band of Choctaw Indians, The Honorable Beasley Denson, Chairman



FM No: 406919-1-22-01
 Contract No: C8T16
 Bridge No: 869928

FLORIDA DEPARTMENT OF TRANSPORTATION

NEW RIVER CSX RAILROAD BASCULE BRIDGE
PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) STUDY

LOCATION MAP



Advance Notification Package

Project #9087 - New River CSX Railroad Bascule Bridge

Programming Screen - Published on 03/26/2009

Printed on: 3/26/2009

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Transmittal List

Official Transmittal List

	Organization	Name
1.	Broward MPO	Aschkar, Ossama A.
2.	Broward MPO	* Del Rio, Roger
3.	Bureau of Indian Affairs	* Office of Trust Responsibilities - Environmental Services Staff
4.	Federal Aviation Administration	* Airports District Office
5.	Federal Highway Administration	Anderson, Linda
6.	Federal Highway Administration	Kendall, Cathy
7.	Federal Transit Administration	Garland, James
8.	Federal Transit Administration	Immings, Myra
9.	Federal Transit Administration	Lashore, Tajsha
10.	FL Department of Agriculture and Consumer Services	Hardin, Dennis
11.	FL Department of Community Affairs	Donaldson, Gary
12.	FL Department of Environmental Protection	Milligan, Lauren P.
13.	FL Department of Environmental Protection	Stahl, Chris
14.	FL Department of State	McManus, Alyssa
15.	FL Department of State	Yates, Brian
16.	FL Department of Transportation	Bixby, Marjorie
17.	FL Department of Transportation	Jobe, James B.
18.	FL Fish and Wildlife Conservation Commission	Gilbert, Terry
19.	FL Fish and Wildlife Conservation Commission	Poole, MaryAnn
20.	FL Fish and Wildlife Conservation Commission	Sanders, Scott
21.	Florida Inland Navigation District	* Mr. David Roach
22.	Miccosukee Tribe of Indians of Florida	Terry, Steve
23.	Miccosukee Tribe of Indians of Florida	* The Honorable Mr. Billy Cypress, Chairman
24.	Mississippi Band of Choctaw Indians	* The Honorable Miko Mr. Beasley Denson
25.	Muscogee (Creek) Nation	* The Honorable Mr. A.D. Ellis, Principal Chief
26.	National Marine Fisheries Service	Howard, Brandon
27.	National Park Service	Barnett, Anita
28.	Natural Resources Conservation Service	Robbins, Rick A.
29.	Poarch Band of Creek Indians	* The Honorable Mr. Buford Rolin, Chairman
30.	Seminole Nation of Oklahoma	* The Honorable Mr. Enoch Kelly Haney, Principal Chief
31.	Seminole Tribe of Florida	Steele, Willard
32.	Seminole Tribe of Florida	* The Honorable Mr. Mitchell Cypress, Chairman
33.	South Florida Regional Planning Council	Hamilton, Karen
34.	South Florida Water Management District	Golden, Jim
35.	South Florida Water Management District	Stone, Trisha
36.	US Army Corps of Engineers	Lips, Garrett

37.	US Army Corps of Engineers	Zarbo, Alisa
38.	US Coast Guard	Rich, Brodie E.
39.	US Coast Guard	Smart, Evelyn
40.	US Department of Health and Human Services	* National Center for Environmental Health Centers for Disease Control and Prevention
41.	US Department of Housing and Urban Development	* Regional Environmental Officer
42.	US Department of Interior	* Bureau of Land Management, Eastern States Office
43.	US Department of Interior	Director, USGS-FISC
44.	US Environmental Protection Agency	Budeir, Maher
45.	US Fish and Wildlife Service	Wrublik, John

* Hardcopy recipient

Application for Federal Assistance SF-424		Version 02
*1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		*2. Type of Application * If Revision, select appropriate letter(s) <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision *Other (Specify) _____
3. Date Received:		4. Applicant Identifier: 406919-1-22-01
5a. Federal Entity Identifier:		*5b. Federal Award Identifier:
State Use Only:		
6. Date Received by State:		7. State Application Identifier:
8. APPLICANT INFORMATION:		
*a. Legal Name: Florida Department of Transportation		
*b. Employer/Taxpayer Identification Number (EIN/TIN): 59-6001874		*c. Organizational DUNS:
d. Address:		
*Street 1: <u>605 Suwannee Street</u>		
Street 2: _____		
*City: <u>Tallahassee</u>		
County: <u>Leon</u>		
*State: <u>Florida</u>		
Province: _____		
*Country: <u>United States</u>		
*Zip / Postal Code <u>32399-0450</u>		
e. Organizational Unit:		
Department Name: Office of Design		Division Name:
f. Name and contact information of person to be contacted on matters involving this application:		
Prefix: <u>Mr.</u> *First Name: <u>Gustavo</u>		
Middle Name: _____		
*Last Name: <u>Schmidt</u>		
Suffix: _____		
Title: <u>District Planning and Environmental Engineer</u>		
Organizational Affiliation:		
*Telephone Number: (954) 777-4629		Fax Number: (954) 777-4671
*Email: <u>gus.schmidt@dot.state.fl.us</u>		

Application for Federal Assistance SF-424

Version 02

***9. Type of Applicant 1: Select Applicant Type:**

A.State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

*Other (Specify)

***10 Name of Federal Agency:**

U.S. Department of Transportation

11. Catalog of Federal Domestic Assistance Number:

20-205 _____

CFDA Title:

***12 Funding Opportunity Number:**

N/A _____

*Title:

13. Competition Identification Number:

N/A _____

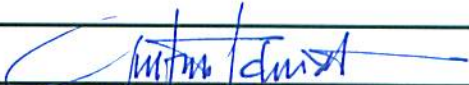
Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Broward County, Florida

***15. Descriptive Title of Applicant's Project:**

406919-1-22-01

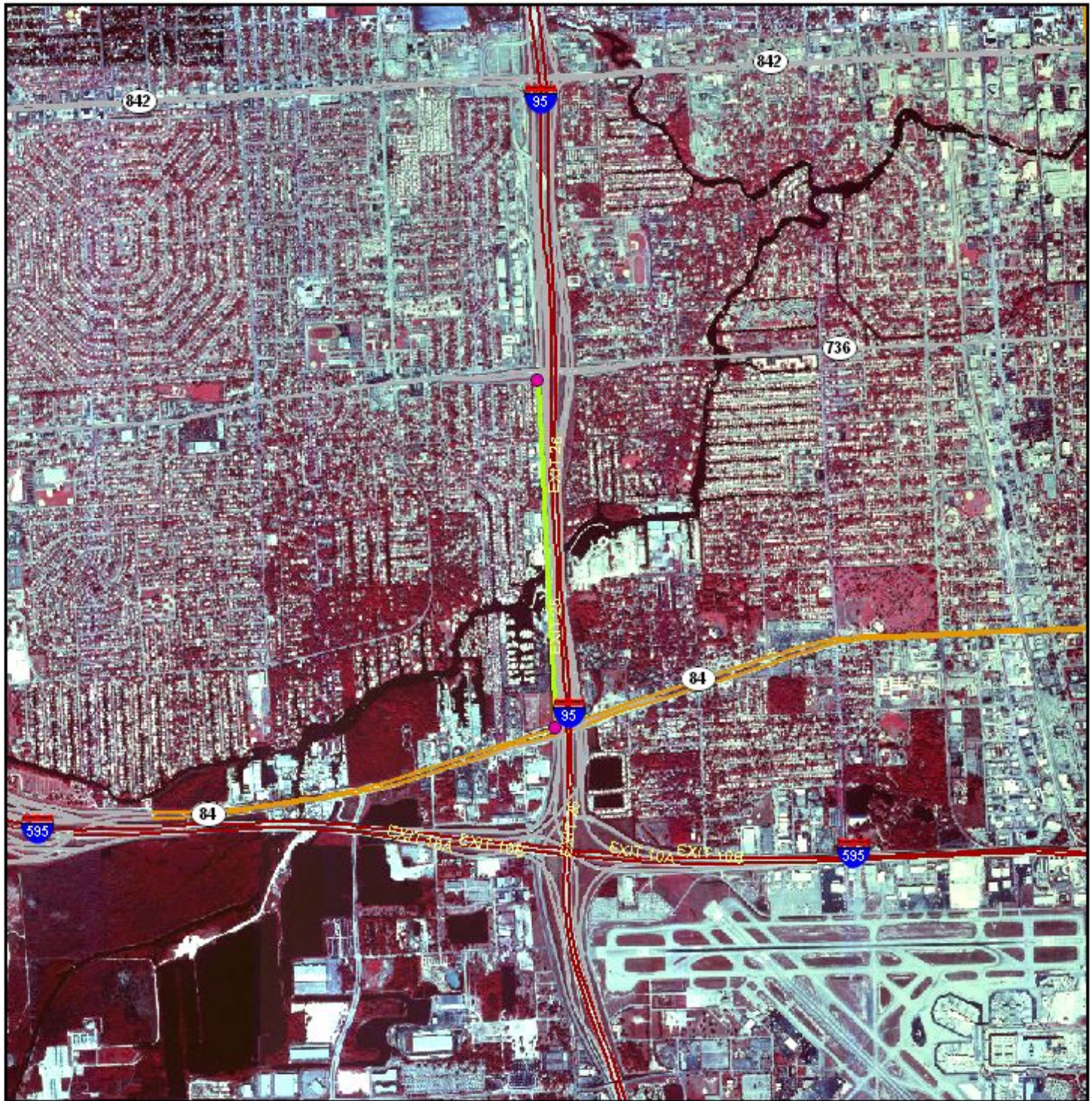
Application for Federal Assistance SF-424		Version 02
16. Congressional Districts Of:		
*a. Applicant: _____		*b. Program/Project: 20, 22
17. Proposed Project:		
*a. Start Date: 1/14/2009		*b. End Date: 1/13/2011
18. Estimated Funding (\$):		
*a. Federal	_____	0.00
*b. Applicant	_____	
*c. State	_____	15,288,354
*d. Local	_____	
*e. Other	_____	
*f. Program Income	_____	
*g. TOTAL	_____	15,288,354
*19. Is Application Subject to Review By State Under Executive Order 12372 Process?		
<input checked="" type="checkbox"/> a. This application was made available to the State under the Executive Order 12372 Process for review on <u>3/26/2009</u> <input type="checkbox"/> b. Program is subject to E.O. 12372 but has not been selected by the State for review. <input type="checkbox"/> c. Program is not covered by E. O. 12372		
*20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
21. *By signing this application, I certify (1) to the statements contained in the list of certifications** and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U. S. Code, Title 218, Section 1001) <input checked="" type="checkbox"/> ** I AGREE ** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions		
Authorized Representative:		
Prefix: Mr.	_____	*First Name: <u>Gustavo</u>
Middle Name:	_____	
*Last Name:	Schmidt	
Suffix:	_____	
*Title: District Planning and Environmental Engineer		
*Telephone Number: (954) 777-4629		Fax Number: (954) 777-4671
* Email: gus.schmidt@dot.state.fl.us		
*Signature of Authorized Representative: 		*Date Signed: 3/26/2009

Authorized for Local Reproduction

Standard Form 424 (Revised 10/2005)
Prescribed by OMB Circular A-102

9087 New River CSX Railroad Bascule Bridge , Alternative #1

SR 84 to Davie Blvd.



0 0.8 Miles

Project Aerial Map

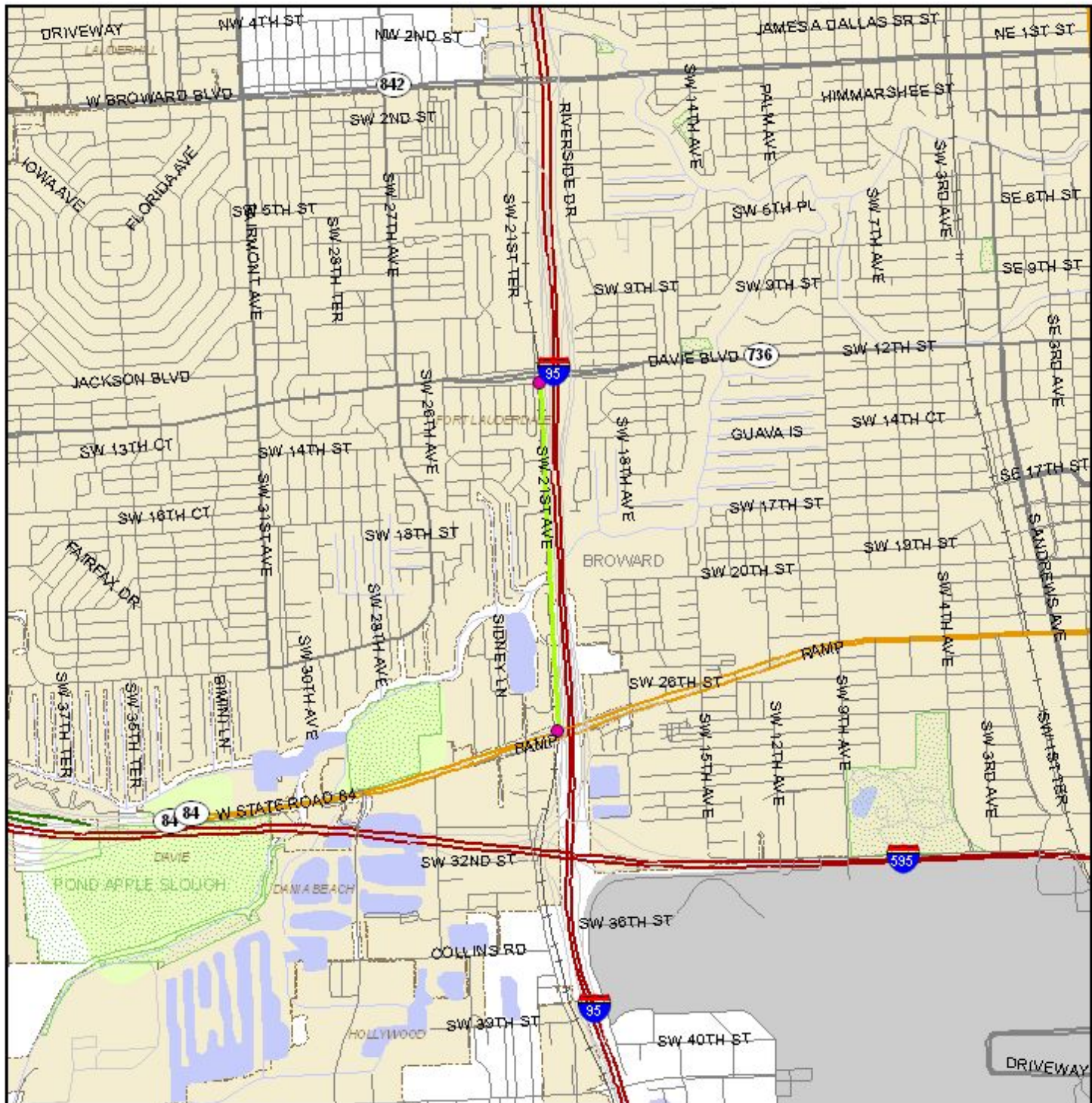


Data Sources:
 Highways - Geographic Data Technology, Inc.
 Digital Orthophotograph - US Geological Survey

- ETDM Alternative Point
- ETDM Alternative Terminus
- ETDM Alternative Segment
- ETDM Alternative Polygon
- Primary and Limited Access Highway
- Secondary, Unlimited Access Highway
- Other Highway Feature

Map Generated on: 3/26/2009

9087 New River CSX Railroad Bascule Bridge , Alternative #1 SR 84 to Davie Blvd.



Project Location Map

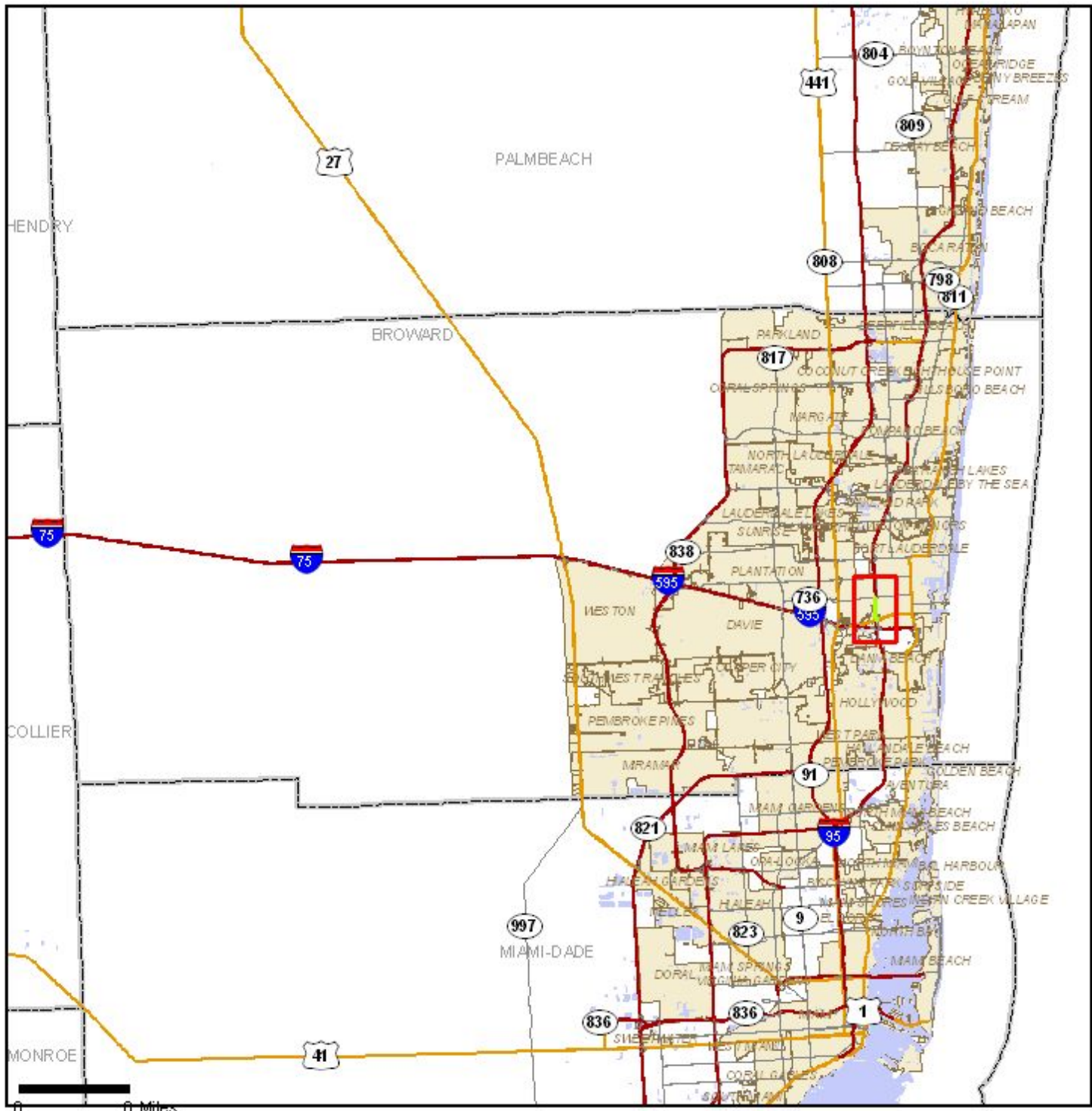


Data Sources:
 Geographic Data Technology, Inc.
 US Geological Survey
 US Census Bureau
 County Property Appraisers
 Florida Natural Areas Inventory

- | | | |
|--|--|---|
| ● ETDM Alternative Point | Managed Conservation Lands | — Toll Road |
| ● ETDM Alternative Terminus | Primary and Limited Access Highway | Railroad |
| — ETDM Alternative Segment | Secondary, Unlimited Access Highway | Airport |
| ETDM Alternative Polygon | Connecting Road | City Limits |
| — River, Stream or Canal | Local Road or Trail | County Boundaries |
| ■ Water Body | Other Roadway Feature | |
| Swamp/Marsh | | |

Map Generated on: 3/26/2009

9087 New River CSX Railroad Bascule Bridge , Alternative #1 SR 84 to Davie Blvd.



County Location Map



Data Sources:
 Geographic Data Technology, Inc.
 US Geological Survey
 US Census Bureau
 County Property Appraisers

- ETDM Alternative Point
- ETDM Alternative Segment
- ETDM Alternative Polygon
- Primary and Limited Access Highway
- Secondary, Unlimited Access Highway
- Other Highway Feature
- Water Body
- City Limit
- County Boundary
- Project Extent

DISCLAIMER: The Fact Sheet data consists of the most up-to-date information available at the time the Advance Notification Package is published. Updates to this information may be found on the ETDM website at <http://etdmpub.fl.a-etat.org>

Special Note: Please be aware of the selected Milestone date when viewing project data on the ETDM website. Snapshots of project and analysis data have been taken for Project #9087 at various points throughout the project's life-cycle. On the website these **Project Milestone Dates** are listed in the the project header immediately after the project contact information. Click on any of the dates listed to view the information available on that date.

Project Description

Project Description Data

Description Statement

The CSX Transportation (CSX) Railroad Bascule Bridge was built in 1926-1927 as part of the Miami extension of the Seaboard Airline Railway (SAL) system. The bridge is parallel to and west of State Road 9 / Interstate 95 (I-95) over the South Fork of the New River. The South Florida Regional Transportation Authority operates a two-track transit facility which is parallel to the CSX track, between the CSX railroad and State Road 9 / Interstate 95. This is the double-track line used by Tri-Rail and Amtrak.

The CSX Bridge is owned by the Florida Department of Transportation (FDOT). The maintenance on the bridge is currently shared by agreement between CSX and FDOT. Rail traffic over the single-track bascule bridge primarily consists of CSX freight trains. Daily unit stone trains, plus local CSX freight service and CSX work trains are now moved over the bascule bridge. In the event of maintenance or shutdown of the parallel Tri-Rail line, Tri-Rail and Amtrak trains will utilize the trackage over the bascule span.

The railroad bridge needs to be replaced due to the fact that the bridge has been deemed structurally deficient. An inspection in 2005 revealed significant loss of strength in the piles supporting the bridge.

The following issues will be addressed during the PD&E process:

- Bridge Type, Size and Location
- Alternatives Analysis of horizontal and vertical alignments
- Typical track sections
- Utility coordination
- Coordination with CSX, Amtrak, and Tri-Rail
- Maintenance of railroad and river traffic
- US Coast Guard bridge permit
- Coordination with National Marine Fisheries Service
- Coordination with US Fish and Wildlife Service
- Coordination with SHPO for the Section 106 Process

Purpose and Need Statement

The bridge needs to be replaced due to the fact that the bridge has been deemed structurally deficient. An inspection in 2005 revealed a significant loss of strength in the piles supporting the bridge. The bridge was also subject to an emergency crutch bent repair in 2005. This repair was necessitated by settlement that occurred during the construction of the new high level bridge. The crutch bents currently restrict the width of channel available for navigation and the United States Coast Guard has made requests that the crutch bents be removed so that the width of the channel can be restored to its original dimension. Both the superstructure and substructure of the current bridge are deficient and many additional repairs have been made to the bridge over its lifetime.

The CSX railroad corridor is an important mode of transportation for freight in Broward County and the surrounding region. In addition, the project will help serve the projected increase in goods movement created by anticipated regional population and employment growth. The replacement is necessary to ensure safety and to allow for continued operation of the railroad corridor. Although the Tri-Rail track connects to the CSX track south and north of the bridge, the Tri-Rail track is too steep to handle the freight traffic currently using the CSX track. Thus, this is the only crossing that allows for CSX freight

There will be opportunity for input from the public and agencies during the Efficient Transportation Decision Making (ETDM) process.

The projects identified objectives meet the provisions of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: a Legacy for Users (SAFETEA-LU).

Rail Traffic Description

Rail traffic over the CSX bascule bridge primarily consists of CSX freight trains. In December, 2007 average daily train volumes over the bascule bridge included:

-  Approximately 4.3 CSX unit stone trains per day (100-120 cars per train)
-  Approximately 3.0 local CSX freight service (varies from 5 to 20 cars per train)
-  Approximately 1.6 CSX Work Trains

In the event of maintenance or shutdown of the parallel Tri-Rail line, Tri-Rail and Amtrak trains will utilize the trackage over the bascule span. However, the freight traffic using the CSX Bridge cannot run on the Tri-Rail line, because the grade over the New River is too steep for freight traffic.

Transit

The South Florida Regional Transportation Authority (Tri-Rail) operates a transit facility which is parallel to the CSX track, between the CSX railroad and I-95. This transit facility was recently improved to a double track for 72 miles, with 30 to 40 commuter trains operating per day. Tri-Rail is estimated to serve 27,900 average daily boardings by 2015. Amtrak also uses this track with four trains per day over the Tri-Rail tracks.

System Linkage

The CSX freight rail line that runs over the bascule bridge (Milepost 1013.9) connects with the double-track Tri-Rail mainline approximately 0.8 miles north of the bridge (Milepost 1013.1), and 1.9 miles south of the bridge (Milepost 1015.8.) CSX operates a small local freight switching yard at Dania, just south of the bascule bridge. The Tri-Rail mainline is shared with CSX and Amtrak north and south of these connection points. To the north, the CSX line connects with the Florida East Coast Railway at Northwood near West Palm Beach (Milepost 967) and continues northwest and intersects at Auburndale (Milepost 822) with the CSX line running between Orlando and Tampa. To the south the Tri-Rail line ends at Miami Airport (Milepost 1037.5), with the CSX trackage continuing south to Homestead.

Summary of Public Comments

There will be opportunity for input from the public and agencies during the Efficient Transportation Decision Making (ETDM) process and PD&E Study.

Consistency

- Consistent with Air Quality Conformity.
- Consistency information for Coastal Zone Management Program is not available.
- Consistency with Local Government Comp Plan is unknown.
 - Comment: The Department understands that the referenced New River CSX railroad bridge replacement is not a major capacity improvement project. Comprehensive plan consistency issues are not applicable under these circumstances.
 - Submitted By: FL Department of Community Affairs
 - Comment Date: 2008-05-20 14:53:08.0
- Consistent with MPO Goals and Objectives.

Lead Agency

US Coast Guard

Exempted Agencies

No exemptions have been assigned for this project.

Project Attachments

Date	Type	Size	Link	Name / Description
3/26/2009	Form SF-424: Application for Federal Assistance	265 KB	http://etdmpub.fla-etat.org/est/servlet/blobViewer?blobID=6390	Federal Assistance Form : sf 424

Alternative #1

Alternative Description

From	SR 84
To	Davie Blvd.

Type	Bridge
Status	ETDM QA/QC
Total Length	1.227 mi.
Cost	\$16,700,000.00
Modes	Rail

Segment Description(s)

Location and Length							
Segment No.	Name	Beginning Location	Ending Location	Length (mi.)	Roadway Id	BMP	EMP
Segment 1	New River CSX Railroad Bridge	SR 84	Davie Blvd.	1.227	Digitized		

Jurisdiction and Class			
Segment No.	Jurisdiction	Urban Service Area	Functional Class
Segment 1	FDOT	In	N/A

Base Conditions				
Segment No.	Year	AADT	Lanes	Config
Segment 1				

Interim Plan				
Segment No.	Year	AADT	Lanes	Config
Segment 1				

Needs Plan				
Segment No.	Year	AADT	Lanes	Config
Segment 1				

Cost Feasible Plan				
Segment No.	Year	AADT	Lanes	Config
Segment 1				

Funding Sources		
Segment No.	FDOT	Unknown
Segment 1	\$16,700,000.00	

Eliminated Alternatives

No eliminated alternatives present.

Community-Desired Features

No Data Available

Purpose and Need Reviews

US Fish and Wildlife Service

Acknowledgment:

Understood

Review Date:	4/9/2008
Comments:	No purpose and need comments were found.

US Coast Guard	
Acknowledgment:	Accepted
Review Date:	4/9/2008
Comments:	No purpose and need comments were found.

US Army Corps of Engineers	
Acknowledgment:	Understood
Review Date:	4/9/2008
Comments:	No purpose and need comments were found.

Natural Resources Conservation Service	
Acknowledgment:	Understood
Review Date:	4/14/2008
Comments:	No purpose and need comments were found.

National Marine Fisheries Service	
Acknowledgment:	Understood
Review Date:	4/22/2008
Comments:	none

Broward MPO	
Acknowledgment:	Understood
Review Date:	5/19/2008
Comments:	No purpose and need comments were found.

US Environmental Protection Agency	
Acknowledgment:	Understood
Review Date:	5/19/2008
Comments:	No purpose and need comments were found.

FL Department of Community Affairs	
Acknowledgment:	Understood
Review Date:	5/20/2008
Comments:	No purpose and need comments were found.

FL Fish and Wildlife Conservation Commission	
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Acknowledgment:	Understood
Review Date:	5/21/2008
Comments:	No purpose and need comments were found.

FL Department of Environmental Protection

Acknowledgment:	Understood
Review Date:	5/21/2008
Comments:	No purpose and need comments were found.

South Florida Water Management District

Acknowledgment:	Understood
Review Date:	5/23/2008
Comments:	No purpose and need comments were found.

FL Department of State

Acknowledgment:	Understood
Review Date:	5/23/2008
Comments:	No purpose and need comments were found.

Missing Agency Purpose and Need Reviews

- Broward County
- Bureau of Indian Affairs
- City of Miami Gardens
- City of Miramar
- Commission for the Transportation Disadvantaged
- FL Department of Agriculture and Consumer Services
- Federal Aviation Administration
- Federal Emergency Management Agency
- Federal Highway Administration
- Federal Rail Administration
- Federal Transit Administration
- Florida Department of Children and Families
- Florida Department of Corrections
- Florida Department of Education
- Florida Department of Elder Affairs
- Florida Department of Health
- Florida Department of Juvenile Justice
- Florida Department of Law Enforcement
- Florida Inland Navigation District
- Florida State Governor
- Governor's Office of Policy and Budget
- Governor's Office of Tourism, Trade and Economic Development
- Miccosukee Tribe of Indians of Florida
- Mississippi Band of Choctaw Indians
- Muscogee (Creek) Nation
- National Oceanic and Atmospheric Administration
- National Park Service
- Poarch Band of Creek Indians
- Seminole Nation of Oklahoma
- Seminole Tribe of Florida
- South Florida Regional Planning Council
- South Florida Regional Transportation Authority
- US Department of Agriculture
- US Department of Health and Human Services
- US Department of Housing and Urban Development
- US Department of Interior
- US Forest Service

Environmental Information

The following tables show results of standard data analyses that compare the locations of the project alternatives with locations of various environmental resources, as recorded in the ETDM Geographic Information System database. This report provides results for various resources within 500 feet from the center of the planned corridor. Results for additional types of resources and buffer distances may be viewed on the ETDM Environmental Screening Tool web site, or may be requested from the project contact as indicated on the Advance Notification cover letter. Public access to the ETDM Environmental Screening Tool is provided by the Florida Department of Transportation at the following web address: <http://etdmpub.fl.a-etat.org>

Coastal Zone Consistency Review Is Required?

YES

Navigable Waterway Crossing?

NO

Alternative #1

Alternative #1 Summary

Analysis Type	Date Run	0 ft.	500 ft.		1320 ft.	
		Count	Count	Acres	Count	Acres
Land Uses						
District 4 Generalized Landuse GRID	2/23/2008	--	--	166.69	--	--
Wetlands						
National Wetlands Inventory	2/23/2008	--	2	8.92	--	--

SFWMD Wetlands 2004	3/26/2009	--	0	0.0	--
Floodplains					
DFIRM FLOOD HAZARD ZONES	3/26/2009	--	0	0.0	--
FEMA Flood Insurance Rate Maps 1996	2/23/2008	--	5	166.69	--
Wildlife and Habitat					
2003 FFWCC Habitat and Landcover GRID	2/23/2008	--	--	166.69	--
2004 SFWMD FL Land Use and Land Cover	3/26/2009	--	17	166.69	--
Florida Managed Areas	3/26/2009	--	0	0.0	--
Florida Natural Areas Inventory Managed Lands	--	--	--	--	--
Strategic Habitat and Conservation Areas 2000	2/23/2008	--	0	0.0	--
Outstanding Florida Waters					
Other Outstanding Florida Waters	3/26/2009	--	0	0.0	--
Aquatic Preserves					
List of Aquatic Preserves	2/23/2008	--	0	0.0	--
Cultural Resources					
Field Survey Project Boundaries	3/26/2009	--	9	630.16	--
Florida Site File Cemeteries	3/26/2009	--	0	0.0	--
Florida Site File Historic Bridges	3/26/2009	--	1	0.0	--
Florida Site File Historic Standing Structures	3/26/2009	--	1	0.0	--
Resource Groups	3/26/2009	--	0	0.0	--
Coastal Barrier Resources					
Coastal Barrier Resource System	2/23/2008	--	0	0.0	--
Contamination					
Brownfield Location Boundaries	3/26/2009	--	1	1.42	--
FDEP Off Site Contamination Notices	2/23/2008	--	0	0.0	--
National Priority List Sites	2/23/2008	--	0	0.0	--
Solid Waste Facilities	3/26/2009	--	0	0.0	--
Superfund Hazardous Waste Sites	2/23/2008	--	0	0.0	--
Toxic Release Inventory Sites	3/26/2009	--	0	0.0	--
Sole Source Aquifer					
Sole Source Aquifers	2/23/2008	--	1	166.69	--
Noise Sensitive Facilities					
Geocoded Health Care Facilities	2/23/2008	--	0	0.0	--
Geocoded Laser Facilities	3/26/2009	--	0	0.0	--
Geocoded Schools	3/26/2009	--	0	0.0	--
Essential Fish Habitat Potential					
Environmentally Sensitive Shorelines	2/23/2008	--	2	0.0	--
Florida Artificial Reefs	3/26/2009	--	0	0.0	--
Florida Reef Locations and Names	3/26/2009	--	0	0.0	--
Florida Sea Grass Bed Scar Damage	2/23/2008	--	0	0.0	--
Mangroves	3/26/2009	--	0	0.0	--
Seagrass Beds (Showing Continuous/Discontinuous)	3/26/2009	--	0	0.0	--
Submerged Lands Act	2/23/2008	--	0	0.0	--
Farmlands					
Generalized Agricultural Land Use	2/23/2008	--	0	0.0	--
Prime Farm Land	2/23/2008	--	0	0.0	--
Communities					
Census Data	3/26/2009	--	24	166.69	--
Census data Block Groups - Indicators	2/23/2008	--	7	166.69	--
County Demographics	3/26/2009	--	1	166.69	--
Recreation Areas					
Existing Recreational Trails 2005	3/26/2009	--	0	0.0	--
Florida State Parks	3/26/2009	--	0	0.0	--
Geocoded Parks	2/23/2008	--	0	0.0	--
Parcel Derived Parks	2/23/2008	--	0	0.0	--
Wild and Scenic Rivers					

Wild and Scenic Rivers	2/23/2008	--	--	0	0.0
Navigable Waterway Crossing?					
Navigable Waterway Crossings	3/26/2009	0	--	--	--

District 4 Generalized Landuse GRID http://www.fla-etat.org/est/metadata/d4_lugen_grid.htm

District 4 Generalized Landuse GRID - analysis run on 2/23/2008

Description	100 Ft.		200 Ft.		500 Ft.	
	Acr	Pct	Acr	Pct	Acr	Pct
INDUSTRIAL	0.5	1.54%	2.2	3.53%	3.9	2.36%
INSTITUTIONAL	0.2	0.49%	0.4	0.59%	0.4	0.27%
NO DATA AVAILABLE	18.0	59.00%	29.8	47.82%	88.4	53.05%
PUBLIC/SEMI-PUBLIC	2.2	7.29%	3.7	5.95%	5.4	3.22%
RESIDENTIAL	3.5	11.35%	9.1	14.51%	31.3	18.79%
RETAIL/OFFICE	3.3	10.86%	8.2	13.20%	19.3	11.55%
ROW	1.7	5.59%	4.6	7.41%	6.6	3.94%
VACANT NONRESIDENTIAL	1.2	3.89%	4.4	6.98%	10.2	6.09%
VACANT RESIDENTIAL					1.2	0.74%

National Wetlands Inventory <http://www.fla-etat.org/est/metadata/nwip.htm>

Wetland areas from the National Wetlands Inventory summarized by wetland system type. - analysis run on 2/23/2008

System	100 Ft.		200 Ft.		500 Ft.	
	Acr	Pct	Acr	Pct	Acr	Pct
ESTUARINE	1.0	3.29%	2.2	3.6%	7.8	4.65%
PALUSTRINE	0.1	0.39%	0.9	1.38%	1.2	0.7%

FEMA Flood Insurance Rate Maps 1996 <http://www.fla-etat.org/est/metadata/fema96.htm>

FEMA Flood Insurance Rate Maps 1996 summarized by zone. See metadata for descriptions of zones. - analysis run on 2/23/2008

Zone	100 Ft.		200 Ft.		500 Ft.	
	Acr	Pct	Acr	Pct	Acr	Pct
AE	30.5	100%	62.4	100%	166.7	100%

2003 FFWCC Habitat and Landcover GRID http://www.fla-etat.org/est/metadata/gfchab_03.htm

2003 Habitat and Landcover Grid from the Florida Fish and Wildlife Conservation Commission summarized by type. Data is currently not displayed in maps. - analysis run on 2/23/2008

Description	100 Ft.		200 Ft.		500 Ft.	
	Acr	Pct	Acr	Pct	Acr	Pct
EXOTIC PLANTS	0.2	0.72%	0.7	1.07%	0.7	0.40%
HIGH IMPACT URBAN	26.0	85.51%	53.9	86.43%	148.9	89.33%
LOW IMPACT URBAN	1.8	5.80%	2.5	3.93%	5.3	3.20%
OPEN WATER	2.4	7.97%	5.3	8.57%	11.8	7.07%

2004 SFWMD FL Land Use and Land Cover http://www.fla-etat.org/est/metadata/lu_sfwmd_2004.htm

2004 SFWMD FL Land Use and Land Cover - analysis run on 3/26/2009

Land Use Classification	100 Ft.		200 Ft.		500 Ft.	
	Acr	Pct	Acr	Pct	Acr	Pct
CHANNELIZED WATERWAYS, CANALS	1.2	4.08%	3.5	5.69%	15.7	9.4%
COMMERCIAL AND SERVICES					1.4	0.87%
COMMERCIAL AND SERVICES UNDER CONSTRUCTION.					0.1	0.05%

Land Use Classification	Acr	Pct	Acr	Pct	Acr	Pct
FIXED SINGLE FAMILY UNITS					14.8	8.9%
MARINAS AND FISH CAMPS	2.8	9.32%	6.5	10.5%	16.2	9.7%
MOBILE HOME UNITS	0.8	2.61%	3.2	5.06%	9.0	5.38%
MULTIPLE DWELLING UNITS, HIGH RISE					0.7	0.4%
MULTIPLE DWELLING UNITS, LOW RISE	1.6	5.19%	5.0	7.97%	12.5	7.51%
OPEN LAND	0.1	0.35%	0.5	0.81%	2.1	1.26%
OTHER LIGHT INDUSTRY	1.2	3.82%	4.2	6.79%	6.3	3.76%
ROADS AND HIGHWAYS	22.7	74.63%	39.4	63.19%	85.0	50.98%
UPLAND HARDWOOD FORESTS					3.0	1.79%

Field Survey Project Boundaries http://www.fla-etat.org/est/metadata/shpo_surveys.htm

Field Survey Project Boundaries - analysis run on 3/26/2009

Title	100 Ft.	200 Ft.	500 Ft.
BROWARD COUNTY COMPREHENSIVE SURVEY, PHASE I.	✓	✓	✓
ARCHAEOLOGICAL SURVEY OF PIPELINE ROUTES IN FORT LAUDERDALE CENTRAL REGION WASTEWATER EFFLUENT SYSTEM....[BROWARD COUNTY].	✓	✓	✓
HISTORIC PROPERTIES SURVEY OF FORT LAUDERDALE, FLORIDA.	✓	✓	✓
AN ARCHAEOLOGICAL SURVEY OF SOUTHEAST BROWARD COUNTY, FLORIDA: PHASE THREE	✓	✓	✓
TRI-COUNTY COMMUTER RAIL AUTHORITY DOUBLE TRACK CORRIDOR IMPROVEMENT PROGRAM FOR SEGMENT 5	✓	✓	✓
CULTURAL RESOURCE ASSESSMENT SURVEY TECHNICAL MEMORANDUM RAIL BRIDGE OVER THE SOUTH FORK OF THE NEW RIVER	✓	✓	✓
AN ARCHAEOLOGICAL AND HISTORICAL SURVEY OF THE PROPOSED METRO PCS TOWER LOCATION IN BROWARD COUNTY, FLORIDA	✓	✓	✓
AN ARCHAEOLOGICAL AND HISTORICAL ASSESSMENT FOR THE EXISTING SW 23RD TERRACE CELLULAR TOWER BROWARD COUNTY, FLORIDA	✓	✓	✓
HISTORIC RESOURCES RECONNAISSANCE SURVEY AND ARCHAEOLOGICAL DESKTOP ANALYSIS PROJECT: 95 EXPRESS, FROM: I-395 (MIAMI-DADE COUNTY), TO: I-595 (BROWARD COUNTY), COUNTIES: BROWARD AND MIAMI-DADE [FLORIDA]	✓	✓	✓

Florida Site File Historic Bridges http://www.fla-etat.org/est/metadata/shpo_bridges.htm

Historic Bridges recorded in the Florida State Historic Preservation Office Master Site File - analysis run on 3/26/2009

Site ID	Bridge Name	100 Ft.	200 Ft.	500 Ft.
BD03340	CSXT RAILROAD BRIDGE #SX10138	✓	✓	✓

Florida Site File Historic Standing Structures http://www.fla-etat.org/est/metadata/shpo_structures.htm

Historic Standing Structures recorded in the Florida State Historic Preservation Office Master Site File - analysis run on 3/26/2009

Site ID	Structure Name	100 Ft.	200 Ft.	500 Ft.
BD03222	NATIONAL LIQUIDATORS YACHT SALES			✓

Brownfield Location Boundaries http://www.fla-etat.org/est/metadata/brownfields_areas.htm

Brownfield Location Boundaries - analysis run on 3/26/2009

500 Ft.

Area Name	Acr	Pct
UNIWELD PRODUCTS AREA	1.4	0.85%

Sole Source Aquifers <http://www.fla-etat.org/est/metadata/ssaquifers.htm>

Sole Source Aquifers - analysis run on 2/23/2008

Aquifer	100 Ft.	200 Ft.	500 Ft.
Biscayne	✓	✓	✓

Environmentally Sensitive Shorelines <http://www.fla-etat.org/est/metadata/senshr.htm>

Environmentally Sensitive Shorelines from FWRI, summarized by type. - analysis run on 2/23/2008

Type	100 Ft.	200 Ft.	500 Ft.
8B: SHELTERED SOLID MAN-MADE STRUCTURES	589.6208	1115.4568	5312.8881

Census Data <http://www.fla-etat.org/est/metadata/cenblk.htm>

US Census Bureau data by block group. Detailed information is for each of the entire block groups that intersect an analysis area. - analysis run on 3/26/2009

	Native Hawaiian and Other Pacific Islander Alone	Females	Males	# Other Race	# Hispanic	# Asian	# Native American	# Black	# White	# Households	2000 Population
Totals	0	950	1068	81	465	21	10	171	1676	944	2018

Census data Block Groups - Indicators <http://www.fla-etat.org/est/metadata/blkgrp.htm>

Census data Block Groups - Indicators - analysis run on 2/23/2008

	Speak English "Not At All"	Housing Units With No Vehicle Available	Housing Units With 1 Vehicle Available	Housing Units With 2 Vehicles Available	Housing Units With 3 Vehicles Available	Housing Units With 4 vehicles Available	Housing Units With 5 or More Vehicles Available
Totals	300	349	1873	1533	250	67	14

County Demographics <http://www.fla-etat.org/est/metadata/cntdem.htm>

2000 Census General Demographic Profile by County - analysis run on 3/26/2009

Description	# Male	# Female	Median Age	# White	# Black or African American	# American Indian, Eskimo, or ...	# Asian	# Native Hawaiian and Other P ...	# Some Other Race	# Hispanic or Latino (of any r...	Total Number of Households	Average Household Size	100 Ft.	200 Ft.	500 Ft.
1623018	7832	8397	37.8	1145	3333	3867	3658	916	4864	2716	6544	2.45			✓
	32	86		287	04		1		2	52	45				

Permits Required

Permit Name	Type	Conditions	Review Org	Review Date
Environmental Resource Permit	Water		FDOT District 4	07/11/08
U.S Coast Guard Bridge Permit	Other		FDOT District 4	07/11/08

Technical Studies Required

Technical Study Name	Type	Conditions	Review Org	Review Date
Noise Study Report	ENVIRONMENTAL		FDOT District 4	07/11/08
Contamination Screening Evaluation Report	ENVIRONMENTAL		FDOT District 4	07/11/08
Wetlands Evaluation Report	ENVIRONMENTAL		FDOT District 4	07/11/08
EFH Assessment	Other		FDOT District 4	07/11/08
USCG Bridge Questionnaire	Other	A Navigation/Vessel Study may be required based on USCG determination of the bridge design	FDOT District 4	07/11/08
Cultural Resource Assessment Survey Report	Other		FDOT District 4	07/11/08
WQIE	Other		FDOT District 4	07/11/08
Floodplains Assessment	Other	per FDOT PD&E Guidance	FDOT District 4	07/11/08
Endangered Species Biological Assessment	ENVIRONMENTAL		FDOT District 4	07/11/08

General Project Commitments

Date	Description
7/11/2008	<p>FDOT commits to the following technical studies: 1- Essential Fish Habitat Assessment 2- Contamination Screening Evaluation Report 3- Floodplains Assessment, per FDOT PD&E Guidance 4- USCG Bridge Questionnaire * A Navigation/Vessel Study may be required based on USCG determination of the bridge design 5- Water Quality Impact Evaluation 6- Wetlands Evaluation Report 7- Endangered Species Biological Assessment for the wood stork, sea turtle, and West Indian manatee 8- Cultural Resource Assessment Survey 9- Noise Study and Analysis FDOT commits to (1) consulting the PD&E Manual's special provisions chapter for special designations regarding the Biscayne Aquifer (a sole source aquifer), (2) adhering to the USFWS's Standard Manatee Protection Construction Conditions for Aquatic-Related Activities during bridge construction, (3) adhering to (if necessary) the FFWCC's Draft Guidelines for the Protection of Manatees and Sea Turtles During the Use of Explosives in the Waters of the State of Florida during bridge removal, (4) notifying residences and businesses early in the project construction phase regarding the potential occurrence of noise pollution and vibration effects, and (5) designing this project to avoid, minimize, or mitigate impacts to noise sensitive receptors, to recreational features, to community facilities, and to any proposed acquisition sites in the project area to the maximum extent practicable. Section 106 coordination will also take place.</p>

Screening Summary Overview

Legend	Evaluation of Direct Effects																		
	Natural						Cultural	Community											
	Air Quality	Coastal and Marine	Contaminated Sites	Farmlands	Floodplains	Infrastructure	Navigation	Special Designations	Water Quality and Quantity	Wetlands	Wildlife and Habitat	Recreation Areas	Section 4(f) Potential	Aesthetics	Economic	Land Use	Mobility	Relocation	Social
N/A	N/A / No Involvement																		
0	None (after 12/5/2005)																		
1	Enhanced																		
2	Minimal (after 12/5/2005)																		
3	Moderate																		
4	Substantial																		
5	Dispute Resolution (Programming)																		

Alternative #1 - Project Effects Overview				
Issue	Degree of Effect		Organization	Date Reviewed
Natural				
Air Quality	0	None	US Environmental Protection Agency	5/19/2008
Coastal and Marine	3	Moderate	South Florida Water Management District	5/23/2008
Coastal and Marine	2	Minimal	National Marine Fisheries Service	4/22/2008
Contaminated Sites	3	Moderate	FL Department of Environmental Protection	5/21/2008
Contaminated Sites	2	Minimal	US Environmental Protection Agency	5/19/2008
Floodplains	0	None	US Environmental Protection Agency	5/19/2008
Floodplains	0	None	Natural Resources Conservation Service	4/14/2008
Navigation	4	Substantial	South Florida Water Management District	5/23/2008
Navigation	2	Minimal	US Army Corps of Engineers	4/09/2008
Navigation	4	Substantial	US Coast Guard	4/09/2008
Special Designations	0	None	US Environmental Protection Agency	5/19/2008
Water Quality and Quantity	0	None	US Environmental Protection Agency	5/19/2008
Wetlands	2	Minimal	South Florida Water Management District	5/23/2008
Wetlands	2	Minimal	FL Department of Environmental Protection	5/21/2008
Wetlands	2	Minimal	US Environmental Protection Agency	5/19/2008
Wetlands	2	Minimal	National Marine Fisheries Service	4/22/2008
Wetlands	2	Minimal	US Fish and Wildlife Service	4/10/2008
Wetlands	2	Minimal	US Army Corps of Engineers	4/09/2008
Wildlife and Habitat	3	Moderate	South Florida Water Management District	5/23/2008
Wildlife and Habitat	2	Minimal	FL Fish and Wildlife Conservation Commission	5/21/2008
Wildlife and Habitat	2	Minimal	US Fish and Wildlife Service	4/10/2008
Cultural				
Historic and Archaeological Sites	4	Substantial	FL Department of State	5/23/2008
Historic and Archaeological Sites	3	Moderate	Miccosukee Tribe of Indians of Florida	4/21/2008
Recreation Areas	0	None	FL Department of Environmental Protection	5/21/2008
Recreation Areas	0	None	US Environmental Protection Agency	5/19/2008
Community				
Aesthetics	2	Minimal	Broward MPO	5/23/2008
Aesthetics	0	None	FDOT District 4	5/19/2008
Economic	2	Minimal	Broward MPO	5/23/2008
Economic	0	None	FDOT District 4	5/19/2008

Land Use	0	None	Broward MPO	5/23/2008
Land Use	0	None	FL Department of Community Affairs	5/20/2008
Land Use	0	None	FDOT District 4	5/19/2008
Mobility	1	Enhanced	Broward MPO	5/23/2008
Mobility	1	Enhanced	FDOT District 4	5/19/2008
Relocation	0	None	Broward MPO	5/23/2008
Relocation	2	Minimal	FDOT District 4	5/19/2008
Social	2	Minimal	Broward MPO	5/23/2008
Social	0	None	FL Department of Community Affairs	5/20/2008
Social	2	Minimal	FDOT District 4	5/19/2008
Social	0	None	US Environmental Protection Agency	5/19/2008
Secondary and Cumulative				
Secondary and Cumulative Effects	4	Substantial	FL Department of State	5/23/2008

Natural

Air Quality - Coordinator Summary	
0	Summary Degree of Effect
<i>Air Quality Summary Degree of Effect: None</i>	
Reviewed By: FDOT District 4 (7/11/2008)	
Comments: As stated in the Project Description, the project is consistent with Air Quality Conformity. Broward County is not in an Air Quality Non-Attainment Area for any of the four pollutants - nitrogen oxides, ozone, carbon monoxide, and small particulate matter - specified by the USEPA National Ambient Air Quality Standards. Based on this information, a Summary DOE of None has been assigned to the Air Quality issue for this project.	

Coastal and Marine - Coordinator Summary	
3	Summary Degree of Effect
<i>Coastal and Marine Summary Degree of Effect: Moderate</i>	
Reviewed By: FDOT District 4 (7/11/2008)	
Comments: According to the Land Use 2000 GIS data layer in the EST, the 200-foot project buffer contains approximately 3.6 acres (5.8%) of channelized waterways/canals (South Fork of New River) and 6.6 acres (10.5%) of marinas and fish camps. The 200-foot project buffer area additionally contains 1,115.5 linear feet of environmentally sensitive shoreline. For these reasons, and due to the presence of EFH within the project study area, a Summary DOE of Moderate has been assigned to the Coastal and Marine issue for this project.	
Commitments and Responses: An Essential Fish Habitat (EFH) Assessment will be included in the scoping recommendations for this project.	

Contaminated Sites - Coordinator Summary

3 Summary Degree of Effect

Contaminated Sites Summary Degree of Effect: Moderate

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

According to the EST GIS analysis results, the 500-foot project buffer contains one Brownfield location, eight geocoded petroleum tanks, one hazardous waste site, and three RCRA-regulated facilities. No geocoded dry cleaners, geocoded gas stations, National Priority List sites, nuclear sites, solid waste facilities, Superfund hazardous waste sites, or Toxic Release Inventory sites are present. Based on these findings and agency comments, a Summary DOE of Moderate has been assigned to the Contaminated Sites issue for this project.

Commitments and Responses: Preparation of a Contamination Screening Evaluation Report will be included in the scoping recommendations for this project.

Farmlands - Coordinator Summary

0 Summary Degree of Effect

Farmlands Summary Degree of Effect: None

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

According to the EST GIS analysis results, no agricultural land (prime or unique) exists within the project area. Based on these findings and agency comments, a Summary DOE of None has been assigned to the Farmlands issue for this project.

Floodplains - Coordinator Summary

3 Summary Degree of Effect

Floodplains Summary Degree of Effect: Moderate

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

According to the EST GIS analysis results, 62.4 acres (100%) of the project's 200-foot buffer occurs within FEMA Flood Zone AE - defined as an area inundated by 100-year flooding for which base flood elevations have been determined. Due to potential issues regarding floodplain compensation, a Summary DOE of Moderate has been assigned to the Floodplains issue for this project.

Commitments and Responses: A Floodplains Assessment, as per FDOT PD&E Guidance, will be included in the scoping recommendations for this project.

Infrastructure - Coordinator Summary

1 Summary Degree of Effect

Infrastructure Summary Degree of Effect: Enhanced

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

The EST GIS analysis results present the following infrastructure related features within the 100-foot project buffer: 6,422 linear feet of CSX railway and one wireless antenna structure owned by CSX Transportation, Inc. The 500-foot project buffer contains: one Federal Aviation Administration obstruction, two marinas, one hazardous waste site, and an additional wireless antenna structure. Due to the fact that the current bascule bridge has been deemed structurally deficient, the new bridge is anticipated to (1) provide a more safe and secure crossing for freight and passenger trains; (2) serve as an alternate route crossing for Tri-Rail and Amtrak trains in the event of maintenance or shutdown of parallel, utilized tracks; and (3) enhance the mobility of navigable vessels on the South Fork of the New River. Based on the foregoing, a Summary DOE of Enhanced has been assigned to the Infrastructure issue for this project.

Navigation - Coordinator Summary

4 Summary Degree of Effect

Navigation Summary Degree of Effect: Substantial

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

The proposed bascule bridge replacement will restore the navigation channel width of the South Fork New River and enhance navigation. A USCG Bridge Permit will be required for the proposed bridge replacement. Due to the required USCG Bridge Permit and the fact that the bridge is potentially eligible for inclusion in the National Register of Historic Places, a Summary DOE of Substantial has been assigned to the Navigation issue for this project.

Commitments and Responses: A USCG Bridge Questionnaire and Permit will be required for this project. Based on the proposed bridge design, a Navigation/Vessel Study may also be required and included in the scoping recommendations for this project.

Special Designations - Coordinator Summary

2 Summary Degree of Effect

Special Designations Summary Degree of Effect: Minimal

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

According to the EST GIS analysis results, the only special designation feature located within the project's 200-foot buffer is a Sole Source Aquifer (Biscayne Aquifer). For this reason, a Summary DOE of Minimal has been assigned to the Special Designations issue for this project.

Commitments and Responses: During the PD&E phase, the special provisions chapter of the PD&E Manual for special designations will be consulted.

Water Quality and Quantity - Coordinator Summary

2 Summary Degree of Effect

Water Quality and Quantity Summary Degree of Effect: Minimal

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

Based on the EST GIS analysis results, no Outstanding Florida Waters or aquatic preserves are located within the project's 200-foot buffer. In addition, the project will be designed to meet state water quality and quantity standards. Due to the fact that some impacts to water quality may occur during project construction, a Summary DOE of Minimal has been assigned to the Water Quality and Quantity issue for this project.

Commitments and Responses: A Water Quality Impact Evaluation will be included in the scoping recommendations for this project.

Wetlands - Coordinator Summary

2 Summary Degree of Effect

Wetlands Summary Degree of Effect: Minimal

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

According to the National Wetlands Inventory GIS database, 0.9 acres (1.4%) of palustrine wetlands and 2.3 acres (3.6%) of estuarine wetlands exist within the 200-foot project buffer. Due to agency comments and the small percentage of wetlands within the 200-foot project buffer, a Summary DOE of Minimal has been assigned to the Wetlands issue for this project.

Commitments and Responses: Preparation of a Wetlands Evaluation Report will be included in the scoping recommendations for this project.

Wildlife and Habitat - Coordinator Summary

3 Summary Degree of Effect

Wildlife and Habitat Summary Degree of Effect: Moderate

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

According to the EST GIS analysis results, the project corridor is located within a snail kite consultation area and a manatee slow speed zone; the majority of the project area (200-foot buffer) is composed of high impact urban land (86.4%). In addition, agency standards will be adhered to during the bridge replacement (removal and construction). Due to the fact that some impacts may occur to wildlife and habitat during the bridge replacement, a Summary DOE of Moderate has been assigned to the Wildlife and Habitat issue for this project.

Commitments and Responses: Preparation of an Endangered Species Biological Assessment will be included in the scoping recommendations for this project. During the bridge construction, the FDOT will adhere to the USFWS's Standard Manatee Protection Construction Conditions for Aquatic-Related Activities. The FDOT will also follow (if necessary) the FFWCC's Draft Guidelines for the Protection of Manatees and Sea Turtles During the Use of Explosives in the Waters of the State of Florida during the bridge removal.

Cultural

Historic and Archaeological Sites - Coordinator Summary

4 Summary Degree of Effect

Historic and Archaeological Sites Summary Degree of Effect: Substantial

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

Due to the fact that the project involves the replacement of a bridge potentially eligible for inclusion in the National Register of Historic Places, in addition to the presence of an archaeological site that has not been evaluated by SHPO (and the potential presence of other sites), a Summary DOE of Substantial has been assigned to the Historic and Archaeological Sites issue for this project. During the Project Development phase, the FDOT will conduct a cultural resource assessment survey to (1) further identify the presence of other applicable resources within the vicinity of the project and (2) focus on the avoidance and minimization of potential project impacts to any cited resources.

Commitments and Responses: Preparation of a Cultural Resource Assessment Survey will be included in the scoping recommendations for this project. Section 106 consultation will also take place.

Recreation Areas - Coordinator Summary

2 Summary Degree of Effect

Recreation Areas Summary Degree of Effect: Minimal

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

The EST GIS analysis results present the following recreational features within the vicinity of the project: a medium multi-use trail priority of the Florida Office of Greenways and Trails (100-foot project buffer), two marinas (500-foot project buffer), and a recreational park (500-foot project buffer). Due to the limited number of recreational features within the project area and the fact that the new bridge is to be constructed within the existing right-of-way, a Summary DOE of Minimal has been assigned to the Recreation Areas issue for this project.

Section 4(f) Potential - Coordinator Summary

0 Summary Degree of Effect

Section 4(f) Potential Summary Degree of Effect: None

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

The USCG recently informed the FDOT District 4 that the Section 4(f) Potential issue does not apply to projects where they are the lead agency due to the fact that the USCG is under the Department of Homeland Security. For this reason, a Summary DOE of None has been assigned to the Section 4(f) Potential issue for this project as it does not apply.

Community

Aesthetics - Coordinator Summary

2 Summary Degree of Effect

Aesthetics Summary Degree of Effect: Minimal

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

Based on agency comments, no major aesthetic impacts to the area are anticipated to occur as a result of the project. Recommendations from the PD&E Study will be formed to avoid, minimize, or mitigate impacts to noise sensitive areas and overall community aesthetics. Based on the foregoing, a Summary DOE of Minimal has been assigned to the Aesthetics issue for this project.

Economic - Coordinator Summary

1 Summary Degree of Effect

Economic Summary Degree of Effect: Enhanced

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

Due to the fact that the current bascule bridge serves as the only connection over the New River for freight west of I-95 and has been deemed structurally deficient, the new bridge will likely enhance economic activity as it is expected to (1) provide a more safe and secure crossing for freight and passenger trains, (2) serve as an alternate route crossing for Tri-Rail and Amtrak trains in the event of maintenance or shutdown of parallel tracks, and (3) enhance the mobility of navigable vessels on the South Fork of the New River. Based on the foregoing, a Summary DOE of Enhanced has been assigned to the Economics issue for this project.

Land Use - Coordinator Summary

0 Summary Degree of Effect

Land Use Summary Degree of Effect: None

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

Based on agency comments, the bridge will be replaced within the existing right-of-way. As such, no major impacts on land use are anticipated to occur. Additionally, the project is not considered to be a major capacity improvement; therefore, comprehensive plan consistency issues are not applicable. Based on the foregoing, a Summary DOE of None has been assigned to the Land Use issue for this project.

Mobility - Coordinator Summary

1 Summary Degree of Effect

Mobility Summary Degree of Effect: Enhanced

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

According to agency comments, the new bridge is anticipated to enhance the mobility of navigable vessels on the South Fork of the New River. In addition, the new bridge will serve as an alternate route crossing for Tri-Rail and Amtrak trains in the event of maintenance or shutdown of parallel tracks. Due to the fact that the current bascule bridge has been deemed structurally deficient, the new bridge will also provide a more safe and secure crossing for freight and passenger trains. Based on the foregoing, a Summary DOE of Enhanced has been assigned to the

Mobility issue for this project.

Relocation - Coordinator Summary

2 Summary Degree of Effect

Relocation Summary Degree of Effect: Minimal

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

Although commercial, industrial, and residential uses exist within the project area, based on agency comments, the new bridge is to be constructed within the existing right-of-way. As such, no relocations are anticipated at this time. During the PD&E Study, relocation impacts will be assessed further as more detailed and finalized information regarding right-of-needs becomes available; recommendations will be formed to avoid or minimize impacts to the residences and businesses of the area to the greatest extent practicable. Based on the foregoing, a Summary DOE of Minimal has been assigned the Relocation issue for this project.

Social - Coordinator Summary

2 Summary Degree of Effect

Social Summary Degree of Effect: Minimal

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

Based on agency comments, the bridge will be replaced within the existing right-of-way. As such, no negative impacts to populations or communities are anticipated to occur as a result of the project. Additionally, the project is not considered to be a major capacity improvement; therefore, comprehensive plan consistency issues are not applicable. Due to the fact the some noise and vibration impacts may result from the utilization of heavy machinery/equipment during project construction, the FDOT District 4 will notify residences and businesses of the area early in the construction phase regarding the potential for noise pollution and vibration effects to occur. Based on the foregoing, a Summary DOE of Minimal has been assigned to the Social issue for this project.

Secondary and Cumulative

Secondary and Cumulative Effects - Coordinator Summary

4 Summary Degree of Effect

Secondary and Cumulative Effects Summary Degree of Effect: Substantial

Reviewed By:

FDOT District 4 (7/11/2008)

Comments:

Based on comments received from the FDOS, a Summary DOE of Substantial has been assigned to the Secondary and Cumulative Effects issue for this project. A Cultural Resource Assessment Survey will be conducted for the project area to determine the presence of significant historic and archaeological resources so that impacts to these resources may be avoided or minimized during the bridge replacement.

Resource Maps

A hardcopy map series for this project is available on the Public ETDM Website. Please click on the link below (or copy this link into your Web Browser) in order to view a listing of the hardcopy maps available for this project:

<http://etdmpub.fl-a-etat.org/est/index.jsp?tpID=9087&startPageName=Hardcopy%20Maps>

Special Note: Please be sure that when the Hardcopy Maps page loads, the **Project Milestone Date** corresponding to this Advance Notification is selected. Hardcopy map snapshots have been taken for Project #9087 at various points throughout the project's life-cycle, so it is important that you view the correct snapshot.

Class of Action

Class of Action Determination

Class of Action	Other Actions
Environmental Assessment	Section 106 Consultation Endangered Species Assessment
Lead Agency	Cooperating Agency/Agencies
US Coast Guard	Federal Rail Administration

Class of Action Signatures

US Coast Guard	
Name:	Evelyn Smart
Review Status:	ACCEPTED
Date:	8/13/2008
ETDM Role:	Lead Agency ETAT Member
Comments:	
FDOT District 4	
Name:	Richard Young
Review Status:	ACCEPTED
Date:	7/17/2008
ETDM Role:	FDOT ETDM Coordinator
Comments:	

Dispute Resolution Activity Log

No Data Available

Ancillary Documentation

No Data Available