

Division Florida		Report(s) Environmental Determination for a EIS Reevaluation for Construction		
Review by Marvin L. Williams Major Project Engineer		Date 9/28/2011	State No 258398-5 & 258399-2	District 7
In Compan	y With N/A			
Location:			County:	

Hillsborough

## Description

Hillsborough River

Widening to eight lanes from Howard Frankland Bridge to Himes Avenues and widening to four lanes SB Only from Himes Avenue to the Hillsborough River. No additional right-of-way required.

I-275 from North of the Howard Frankland Bridge to the

#### Comments:

 Per September 13, 2011 submitted of the existing Environmental Impact Study (EIS) reevaluation approved on 11/19/2009, and the updates e-mailed on 9/28/2011, the existing document continues to be valid with the updated additions. The updated reevaluation is attached for your files.

#### Attachment

	Project File (original)
Distribution	Major Projects Engineer
	Environmental Specialist via e-mail
	Program Operations Team Leader via e-mail
1	Roberto Gonzalez FDOT, District 7 via e-mail
	Kirk Bogan, FDOT, District 7

#### **CORRIDOR PROJECTS STATUS UPDATE**

The study corridor currently includes following design segments. These segments are also shown on the attached Advance to Construction Project Location Map:

1. Financial Project Number:

Federal Aid Project Number:

**Project Limits:** 

412531-5

2757 386 1

I-275 Kennedy Boulevard/S.R. 60 Northbound

Off-Ramp from east of the Howard Frankland Bridge to west of S.R. 60 (Memorial Highway)

(Segment 1A)

Rock Groin Wall Project Construction Complete

**Current Status:** 

Financial Project Number:

Federal Aid Project Number:

**Project Limits:** 

2.

412531-3

Not Assigned Yet

I-275 Kennedy Boulevard/S.R. 60 Northbound Off-Ramp from east of the Howard Frankland Bridge to S.R. 60 (Memorial Highway) Airport

Flyover (Segment 1A) Construction Complete

Current Status:

3. Financial Project Number:

Federal Aid Project Number:

**Project Limits:** 

258398-2

Not Assigned Yet

I-275 from Himes Avenue to Hillsborough River. Includes northbound bridge widening over S.R. 60 (Memorial Highway) and southbound bridge replacement over Himes

Avenue (Segment 1A)

Current Status:

Pre-Construction Underway

4. Financial Project Number:

Federal Aid Project Number:

**Project Limits:** 

258398-1 2757 288 I

I-275 from the Howard Frankland Bridge to

Himes Avenue Northbound (Segment 1A)

Drainage

Current Status: Construction Complete

5. Financial Project Number:

Federal Aid Project Number:

**Project Limits:** 

258398-4

Not Assigned Yet

I-275 from Himes Avenue to west of MacDill

Avenue (Himes Avenue Interchange)

Northbound (Segment 1A)

Current Status:

Construction Complete

6. Financial Project Number: 258398-5 (Split out from 258398-1) Federal Aid Project Number: 2757 398 I

Project Limits: I-275 from S.R. 60 (Memorial Highway) to

Himes Avenue

Southbound and Northbound Reconstruction

(Segment 1A)

Current Status: Advance to Construction Reevaluation

approved on November 19, 2009

7. Financial Project Number: 258399-1 Federal Aid Project Number: 2757 354 I

Project Limits: I-275 from Himes Avenue to Hillsborough

River Northbound (Segment 2A)

Current Status: Construction Complete

8. Financial Project Number: 258399-2 Federal Aid Project Number: 2757 399 I

Project Limits: 1-275 from Himes Avenue to Hillsborough

River Southbound Reconstruction

(Segment 2A)

Current Status: Advance to Construction Reevaluation

approved on November 19, 2009

9. Financial Project Number: 258643-1

Current Status:

Federal Aid Project Number: 2757 329 I, 2757 330 I

Project Limits: I-275 from north of Hillsborough River to

1-275 from north of finisporough kivel to

I-275/I-4 Downtown Interchange

(Segment 2B)

Safety and Operational Improvements

Construction Complete

10. Financial Project Number: 258401-1, 258401-2

Federal Aid Project Number: 0041 168 I, 0041 187 I, 0041 191 I

Project Limits: I-4 from west of 14<sup>th</sup> Street to east of 50<sup>th</sup> Street

(Segments 3A/3B)

Current Status: Construction Complete

11. Financial Project Number: 258415-1, 258415-2, 258415-3

Federal Aid Project Number: NCPD 008 B, S112 331 R, 0041 218 I, ARRA

279

Project Limits: I-4 Connector – I-4 Lee Roy Selmon

Expressway Interchange south of 7<sup>th</sup> Avenue (Segment 3C) and I-4/Lee Roy Selmon Expressway Interchange north of 7<sup>th</sup> Avenue

(Segments 3A/3B)

Current Status: Under Construction

S.R. 60 (Memorial Highway) to Himes Avenue northbound and southbound Status: Advance to Construction Reevaluation approved on November 19, 2009 FAP No.: 2757 398 FPN: 258398-5

1-275, from Himes Avenue to Hillsborough River southbound (Segment 2A) Status: Advance to Construction Reevaluation approved on November 19, 2009 FAP No.: 2757 3991 FPN: 258399-2

FAP No. Not Assumed Yel

-275 Kennedy Boulevard/S.R.60 northbound off-ramp from east of the Howard Frankland Bridge to S.R.60 (Memorial Highway) Airport Flyover Segment 1A)

-275 from Hines Avenue to Hillsborough River, Includes replacement over Himes Avenue (Segment 1A) (Memorial Highway) and southbound bridge northbound bridge widening over S.R. 60 FAP No. Not Assigned Yet FPN: 258398-2

(Segment 1A) (Himes Avenue Interchange) H275 from Hintes Avenue to west of Status Construction Complete MacDill Avenue

Birkige to Himes Avenue Northbound 275 from the Howard Frankland FAP Mac Not Assigned Yet

(Segment 1A) Drainage Status, Construction Complete

and l-4/Lee Roy Selmon Espsessway Interchange Interchange south of 7th Avenue (Segment 3C) 1-4 Connector, 1-41 Lee Rey Selmon Expressives FAP No.: NCPD 608 B, \$112.331 R, 0041.2181 north of 7th Avenue (Segment 3A/3B) FPN: 258415-1, 258415-2, 255415-3

> FAP No. c041 1061,0031 1871, 0041 1913 1-4 from west of 14th Street to

east of 50th Street

River to 1.275.7-4 Downtown Interchange

FAP No., 2757-3861 1-275 Kennedy Boulevard/5.R.60 north-bound off-ramp from east of the Howard Frankland Bridge to west of

1275 from Hime: Avenue to

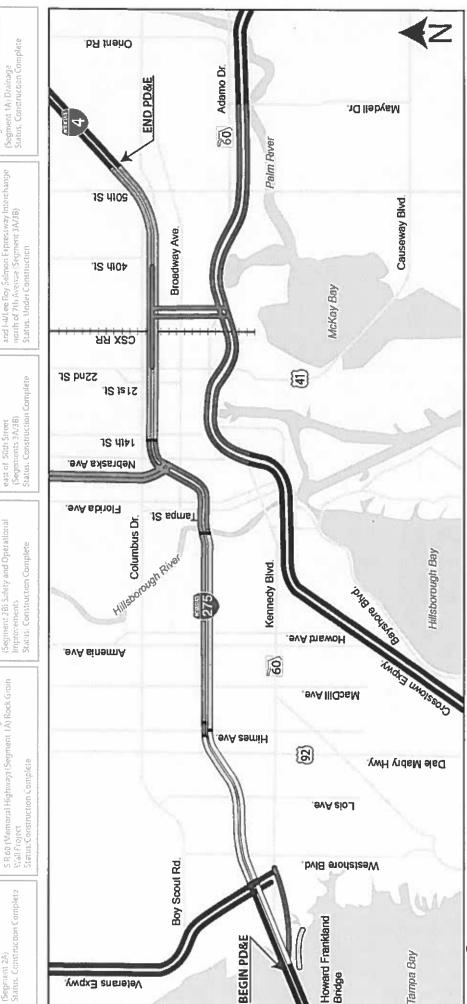
Veterans Expwy.

FAP No. 2757 354 i

FAP No. 2757 329 L 2757 330 l

(Segment 2B) Safety and Operational L275/14, from north of Hillsborough

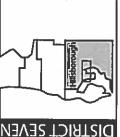
FPN: 258401-1,258401-2



Bridge



From Himes Avenue to Hillsborough River (Southbound) Hillsborough County, Florida From S.R. 60 (Memorial Highway) to Himes Avenue Florida Department of Transportation I-275 Segment 1A - FPN 258398-5 I-275 Segment 2A - FPN 258399-2 (Northbound and Southbound)







RICK SCOTT GOVERNOR

11201 N. McKinley Drive Tampa, FL 33612 ANANTH PRASAD, P.E. SECRETARY

September 13, 2011

Mr. Martin Knopp Federal Highway Administration Florida Division 545 John Knox Road, Suite 200 Tallahassee, FL 32303

Attn: Marvin Williams

Re: Advance to Construction Reevaluation

I-275 from S.R. 60 (Memorial Highway) to Himes Avenue

I-275 from Himes Avenue to Hillsborough River Financial Project No.: 258398-5 & 258399-2 Federal Aid Project Nos.: 2757 398 I & 2757 399 I

Dear Mr. Knopp:

The Florida Department of Transportation (FDOT) is preparing to let a Design/Build contract for two segments of I-275. The Design/Build project letting is currently scheduled for April 17, 2012. The two segments include: I-275 from S.R. 60 (Memorial Highway) to Himes Avenue (FPN: 258398-5) and I-275 from Himes Avenue to Hillsborough River (FPN: 258399-2).

FHWA approved an Advance to Construction reevaluation for both segments on November 19, 2009. At the time of project letting, it would be less than three years since the approval of the reevaluation. We have reviewed the field conditions along with the 90% construction plans contained within the project Request for Proposal (RFP) and have determined the current design remains consistent with the previously approved design. We believe that this approval is still valid and that an updated Advance to Construction Reevaluation

Mr. Knopp Page 2 September 13, 2011

is not necessary at this time. For your convenience, we have provided a copy of the approved reevaluation for reference.

If you have any questions, please contact me at (813) 975-6448 or email me at <a href="mailto:kirk.bogen@dot.state.fl.us">kirk.bogen@dot.state.fl.us</a>.

Sincerely,

Kirk Bogen

District Project Development Engineer

KRB/DG/kjs Enclosure cc: Nahir DeTizio Roberto Gonzalez File

L.	GENERAL	INFORMATION	(originally	approved	document)
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- Reevaluation Phase: Federally Funded Construction Authorization a.
- b. Document Type and Date of Approval: Final Environmental Impact Statement (FEIS) and Section 4(f) Evaluation approved on November 22, 1996; Records of Decision (RODs), approved on January 31, 1997 and June 14, 1999 (See the attached FEIS Cover Page): updated by the Advance to Right-of-Way Acquisition Reevaluation approved on June 11, 2002 and Construction Authorization Reevaluation approved on January 24, 2006.
- c. **Project Numbers** 99007-1402 IR-9999(43) 7140004 State Federal Aid Work Program
- d. Project Local Name, Location and Limits: 1-275 (S.R. 93) from the Howard Frankland Bridge/Kennedy Boulevard ramps and just north of Cypress Street on Memorial Highway (S.R. 60) north to Dr. Martin Luther King Jr. Boulevard and I-4 from I-275 (including interchange) to east of 50th Street (U.S. 41); a multi-lane controlled access facility (Crosstown Connector) on new alignment from I-4 south to the existing Tampa South Expression Expressway from the Kennedy Boulevard Overpass to Maydell Drive, Hillsborough County (See the attached FEIS Project Location Map).
- Segment of Highway Being Advanced: I-275 (S.R. 93) from S.R 60 (Memorial Highway) to Himes Avenue Northbound and Southbound (Segment 1A), Financial Project Number (FPN): 258398-5, Federal Aid Project (FAP): Not Assigned Yet; and I-275 (S.R. 93) from Himes Avenue to Hillsborough River Southbound Reconstruction (Segment 2A), FPN: 258399-2, FAP: Not Assigned Yet. (See the attached Advance to Construction Reevaluation Project Location Map).
- f. Name of Analyst: Roberto G. Gonzalez

#### II. CONCLUSION AND RECOMMENDATION

The above environmental document has been reevaluated as required by Title 23 Code of Federal Regulations (CFR) 771.129(c) and the Project Development and Environment Manual of the Florida Department of Transportation (FDOT), and it was determined that no substantial changes have occurred in the social, economic, or environmental effects of the proposed action that would significantly affect the quality of the human environment. Therefore, the original Administrative Action remains valid.

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## IV. CHANGE IN IMPACT STATUS OR DOCUMENT COMPLIANCE

A.	NATURAL ENVIRONMENT:	YES/NO	COMMENTS
	1. Air Quality	( )(X)	
	2. Coastal & Marine	$(\dot{x})(\dot{x})$	N
	3. Contamination Sites	()(X)	
	4. Farmlands	( )(X)	
	5. Floodplains	( )(X)	
	6. Infrastructure	()(X)	
	7. Navigation	()(X)	
	8. Special Designations	()(x)	
	9. Water Quality/Quantity	( )(X)	
	10. Wetlands	( )(X)	
	11. Wildlife and Habitat	(x)	3
В.	CULTURAL IMPACTS:	•	
	1. Historic/Archaeological	( )(X)	
	2. Recreation Areas	$(\dot{x})(\dot{x})$	
	3. Section 4(f) Potential	( )(x)	
C.	COMMUNITY IMPACTS:		
	1. Aesthetics	( )(X)	
	2. Economics	( )(X)	
	3. Land Use	$(\dot{x})(\dot{x})$	
	4. Mobility	(X)	
	5. Relocation	( )(X)	
	6. Social	()(x)	E4
D.	OTHER IMPACTS:		
	1. Noise	( )(X)	
17	2. Construction	()(X)	

#### CORRIDOR PROJECTS STATUS UPDATE

The study corridor currently includes following design segments. These segments are also shown on the attached Advance to Construction Project Location Map:

1. Financial Project Number:

412531-5

Federal Aid Project Number:

Not Assigned Yet

Project Limits:

I-275 Kennedy Boulevard/S.R. 60 Northbound Off-Ramp from east of the Howard Frankland Bridge to west of S.R. 60

(Memorial Highway) (Segment 1A)

Rock Groin Wall Project

Current Status:

Plans in District

2. Financial Project Number:

412531-3

Federal Aid Project Number:

Not Assigned Yet

Project Limits:

I-275 Kennedy Boulevard/S.R. 60 Northbound Off-Ramp from east of the Howard Frankland Bridge to S.R. 60 (Memorial Highway) Airport Flyover

(Segment 1A) Under Construction

Current Status:

3.

258398-2

Financial Project Number: Federal Aid Project Number:

Not Assigned Yet

**Project Limits:** 

I-275 from Himes Avenue to Hillsborough River. Includes northbound bridge widening over S.R. 60 (Memorial Highway) and southbound bridge replacement over Himes

Avenue (Segment 1A) Pre-Construction Underway

Current Status:

4. Financial Project Number:

258398-1.

Federal Aid Project Number:

2757 288 I

Project Limits:

I-275 from the Howard Frankland Bridge to Himes Avenue Northbound (Segment 1A)

Drainage

Current Status:

Under Construction

5. Financial Project Number:

258398-4

Federal Aid Project Number:

Not Assigned Yet

Project Limits:

I-275 from Himes Avenue to west of MacDill

Avenue (Himes Avenue Interchange)

Northbound (Segment 1A)

Current Status:

Under Construction

Financial Project Number:
 Federal Aid Project Number:

**Project Limits:** 

Current Status:

258398-5 (Split out from 258398-1)

Not Assigned Yet

I-275 from S.R. 60 (Memorial Highway) to

Himes Avenue

Southbound and Northbound Reconstruction

(Segment 1A)

This segment is the subject of this Advance

to Construction Reevaluation

7. Financial Project Number: Federal Aid Project Number:

**Project Limits:** 

258399-1 2757 354 I

I-275 from Himes Avenue to Hillsborough

River Northbound (Segment 2A)

**Under Construction** 

Current Status:

8.

11.

Financial Project Number: Sederal Aid Project Number:

**Project Limits:** 

Current Status:

258399-2

Not Assigned Yet

I-275 from Himes Avenue to Hillsborough

River Southbound Reconstruction

(Segment 2A)

This segment is the subject of this Advance

to Construction Reevaluation

9. Financial Project Number:

Federal Aid Project Number:

Project Limits:

258643-1

2757 329 Ц 2757 330 І

I-275 from north of Hillsborough River to

I-275/I-4 Downtown Interchange

(Segment 2B)

Safety and Operational Improvements

Construction Complete

Current Status:

10. Financial Project Number:

Federal Aid Project Number:

**Project Limits:** 

258401-1, 258401-2

0041 168 I, 0041 187 I, 0041 191 I

I-4 from west of 14th Street to east of 50th

Street (Segments 3A/3B)

Construction Complete

Current Status:

Financial Project Number:

Federal Aid Project Number:

**Project Limits:** 

258415-1, 258415-2, 258415-3

NCPD 008 B, S112 331 R, 0041 218 I

I-4 Connector – I-4 Lee Roy Selmon

Expressway Interchange south of 7th Avenue

(Segment-3C) and I-4/Lee Roy Selmon

Expressway Interchange north of 7th Avenue

(Segments 3A/3B)

Advertised

Current Status:

## V. EVALUATION OF MAJOR DESIGN CHANGES

The Federal Highway Administration (FHWA) approved the FEIS on November 22, 1996 for improvements to Interstate 275 (I-275) (S.R. 93) from the Howard Frankland Bridge/Kennedy Boulevard ramps and just north of Cypress Street on Memorial Highway (S.R. 60) north to Dr. Martin Luther King, Jr. Boulevard and I-4 from I-275 (including interchange) to east of 50th Street (U.S. 41); a multi-lane controlled access facility (Crosstown Connector) on new alignment from I-4 south to the existing Tampa South Crosstown Expressway; and improvements to approximately 4.4 miles of the Tampa South Crosstown Expressway from the Kennedy Boulevard overpass east to Maydell Drive, Hillsborough County. This original study is commonly referred to as the Tampa Interstate Study (TIS). RODs were approved by FHWA on January 31, 1997 and June 14, 1999.

On January 24, 2006, FHWA approved an Advance to Construction Reevaluation for three segments of the TIS: FPN, 258398-1 from the Howard Frankland Bridge to Himes Avenue (Segment 1A-northbound and southbound), FPN: 258399-1 from Himes Avenue to the Hillsborough River (Segment 2A-northbound), and FPN: 258399-2 from Himes Avenue to the Hillsborough River (Segment 2A-southbound). Portions of the segment (FPN 258398-1) from the Howard Frankland Bridge to Himes Avenue have already been constructed. What remains is being designed under FPN: 258398-5. The purpose of this reevaluation is to document any changes to the project that have occurred since the approval of the previous 2006 Advance to Construction Reevaluation.

The current design plans for the two segments being advanced with this reevaluation, Phase III, dated May 2006, for FPN: 259398-5 from S. R. 60 (Memorial Highway) to Himes Avenue and Phase III, dated May 2005, for FPN: 258399-2 from Himes Avenue to the Hillsborough River (southbound), have been reviewed and compared to the approved FEIS, the *Final Preliminary Engineering Report* (PER) dated March 1997, and the approved 2006 Advance to Construction Reevaluation. The engineering review revealed that the current design plans, are consistent with the concepts shown in the previously approved documents.

A review of Phase III design plans for FPN: 258398-5, indentified six stormwater management facility (SMF) sites: 3N, 3S, 5W, 5E, 6, and 7. SMF 3N is located north of I-275, west of S.R. 60 (Memorial Highway); SMF 3S is located south of I-275, west of S.R. 60 (Memorial Highway); SMF 5W is located south of I-275, east of S.R. 60 (Memorial Highway); SMF 5E is located south of I-275, west of Lois Avenue; SMF 6 is located south of I-275, east of Lois Avenue; SMF 7 is proposed to be located south of I-275, east of Dale Mabry Highway. Only SMF's 3N and 7 will be constructed as part of this design segment. All others were constructed with previous projects. There are no floodplain compensation (FPC) sites identified in this segment.

One existing SMF, 5L, located north of I-275, east of Willow Avenue is within the FPN: 258399-2 project limits. This SMF will be constructed as part of this project. There are no FPC sites identified in this segment being advanced with this reevaluation.

All of the SMF sites for both segments being advanced with this reevaluation have been surveyed for cultural resources. No historic structures or archaeological sites associated with any of the SMFs have been identified. The SMFs have also received clearances for both contamination and threatened and endangered species.

## VI. MITIGATION STATUS AND COMMITMENT COMPLIANCE

#### **Mitigation Status**

FPN: 258398-5: According to FDOT staff, this design segment will impact 1.6 acres of wetlands. The impacted sites are disturbed wetlands. The wetland involvement will be mitigated through Florida Statues (F.S.) 373.4137.

FPN: 258399-2: There are 0.03 acres of surface water impacts and no impacts to wetlands; therefore, there are no mitigation requirements for this segment.

#### Commitment Compliance.

## Pedestrian and Bicycle Facilities

The proposed interstate improvements include provisions for the future development of pedestrian and bicycle accommodations on cross streets beneath the interstate. FDOT is committed to developing new interstate overpasses, which ensure that all cross streets have sufficient room to accommodate bicycles and pedestrians during future local road improvement projects.

#### Status:

New interstate overpasses allow sufficient room to accommodate future bicycle and pedestrian facilities on cross streets beneath the overpasses. Additionally, the Phase III design plans for FPN 258399-2 show sidewalk parallel to the north side of I-275 from Himes Avenue to Glen Avenue and from MacDill Avenue to North Boulevard. The Phase III design plans for FPN 258398-5 show pedestrian paths parallel to the north side of I-275 southbound from Lois Avenue to Church Avenue and along the south side of I-275 northbound from Hesperides Street to Lois Avenue. There is no change in status.

#### Construction

Activities will result in temporary air, noise, water quality, traffic flow, and visual impacts for those residents, businesses, and travelers within the immediate vicinity of the project. The impacts will be effectively controlled in accordance with FDOT's Standard Specifications for Road and Bridge Construction. In addition to the following accepted standards, FDOT is committed to implementing the following specific construction impact mitigation measures:

1. The Contractor will use static rollers for compaction of embankment, subgrade, base, asphalt, etc.

- 2. Pile driving operations will be restricted to the hours of 7 a.m. to 9 p.m. to avoid interfering with any adjacent noise sensitive land uses or a different foundation design will be considered (i.e., drilled shaft).
- 3. Preformed pile holes will be required where they are in proximity to vibration sensitive land uses to minimize vibration transfer.
- 4. Back-up alarm noise from heavy equipment and trucks will be minimized by requiring the Contractor to operate in forward passes or a figure-eight pattern when dumping, spreading, or compacting materials.
- Restriction of operating hours for lighting the construction areas will be determined and required of the Contractor prior to beginning construction activities requiring lighting.
- 6. Coordination with the local law enforcement agencies will be undertaken prior to commencing construction activities to ensure that construction-related impacts are minimized or adequately mitigated when work during non-daylight hours is required.

#### Status:

The construction contractor will be required to follow Best Management Practices (BMPs) as stated in FDOT's <u>Standard Specifications for Road and Bridge Construction</u>; therefore, there is no change in status.

#### **Noise Barriers**

The Tampa Interstate Study (TIS) Master Plan Report (August 1989) first discussed the feasibility of noise abatement measures to mitigate noise impacts. Due to the high number of noise sensitive sites identified and evaluated and in response to public comments received throughout the study, FDOT and the Federal Highway Administration (FHWA) are committed to providing noise barriers as part of the project. FDOT is committed to providing noise barriers that meet both the acoustic and aesthetic goals of the project as identified in the TIS Master Plan Report, the Urban Design Guidelines, and the Noise Study Report. Specific noise abatement measures will be reevaluated during final design.

A Noise Study Report was prepared for both segments as a support document to the FEIS developed during the PD&E phase of this of the project. As the project moved into the design phase, a *Noise Analysis Update Report* (NAUR) was completed for each segment to further evaluate potential noise barriers which would be cost reasonable and feasible. The NAUR for Segments 1A and 2A were completed on October 2004.

#### Status:

The NAUR for Segment 1A determined that a noise barrier system is feasible and cost reasonable for residential areas located south of I-275 between West Shore Boulevard and Dale Mabry Highway. The noise barrier system includes four noise barriers located along the northbound mainline shoulder and ramps. Each noise barrier is eight feet high. The ends of the four shoulder barriers overlap to make a continuous noise barrier system extending from West Shore Boulevard to Himes Avenue. The current design plans for FPN 258398-5 include this noise barrier system with treatment that meets the aesthetic goals of the project (Urban Design Guidelines). See Table 1 below for specific details of this barrier analysis.

The NAUR for Segment 1A determined that noise barriers are not a feasible and/or cost reasonable noise abatement measure for residential areas located north of I-275 between Lois Avenue and Church Avenue. The evaluated noise barrier system included three noise barriers located along the southbound mainline shoulder and ramps. The results of the analysis indicate that at a freight of eight feet (maximum allowable height for shoulder barriers), the north barrier system would benefit four of the affected residences within this area by reducing predicted traffic noise at least 5 dBA. At the evaluated length of 5,513 feet (total for all three barriers), the total estimated cost to construct the noise barrier system is \$1,102,600, with a cost per benefited residence of \$275,650. This cost exceeds the cost reasonable criteria of \$35,000 per benefited residence. Therefore the north barrier system is not considered a reasonable noise abatement measure. Additionally, the noise barrier system is ineffective because of design geometry and safety limitations placed on the locations of the barriers.

The NAUR for Segment 2A determined that a noise barrier system is feasible and cost reasonable for residential areas located north of I-275 between Himes Avenue and the Hillsborough River. The noise barrier system includes four noise barriers located along the southbound mainline shoulder and ramps. Each noise barrier is eight feet high. The ends of the four shoulder barriers overlap to make a continuous noise barrier system extending from Himes Avenue to east of the Hillsborough River. The current design plans advanced with this reevaluation for Segment 2A include the noise barrier system with treatment that meets the aesthetic goals of the project (Urban Design Guidelines). See Table 1 below for specific details of this barrier analysis.

Table 1 - Cost Reasonable and Feasible Noise Barrier Systems

Baigren System Location	Birmar Hotelit (G. l)	Number of Benefited Residences		Avegaçê Redusifon	Total Barrier	Edinoied	Cost Fer Benefited	
		Affected <sup>2</sup>	Office	Jotal	(d)\$A)	1 eng (fit <sup>1</sup> ((e-1)	Cost'	Residence
Segment 1A Northbound Shoulder (south of the I-275 corridor)	8	36	54	90	5.3	11,404	\$2,280,800	\$25,342
Segment 2A Northbound Shoulder (south of the I-275 corridor)	8	253	78	331	6.3	15,138	\$3,027,600	\$9,147
Segment 2A Southbound Shoulder (north of the I-275 corridor)	8	314 5	102 2004	416	6.2	13,515	\$2,703,000	\$6,498

1 Benefited residences are those predicted to receive at least a 5 dBA reduction from the noise barrier system.

2 Affected residences are those with noise levels predicted to approach or exceed the FHWA Noise Abstement Criteria.

3 Other residences are those with noise levels predicted to be less than the approach to the FHWA Noise Abatement Criteria.

4 Total Barrier Length is the combined length of all four overlapping barriers in each barrier system.
4 Estimated Cost is based on \$25 per square foot of barrier.

#### **Historic Resources**

A Section 106 Memorandum of Agreement (MOA) has been prepared to address mitigation measures for direct and indirect impacts to historic resources. The TIS Effects Analysis Report (November 1995) evaluates the impacts to historic resources along the project corridor. The Effects Analysis Report addresses effects of the project on one National Register Historic District (West Tampa), one Multiple Property Listing (Tampa Heights), one Landmark District (Ybor City), and individual properties either listed or eligible for listing on the National Register of Historic Places (NRHP).

The MOA includes FDOT commitments for the mitigation of impacts to historic structures within the Area of Potential Effects (APE) including the proposed moving and rehabilitation of certain historic structures, and numerous design amenities defined in the TIS Urban Design Guidelines.

#### Status:

Mitigation activities associated with the Section 106 MOA have been implemented. As part of final design, FDOT re-established the Cultural Resources Committee (CRC) consisting of representatives from FHWA, FDOT, City of Tampa, State Historic Preservation Officer (SHPO), Barrio Latino Commission, and other pertinent organizations. The purpose of the committee has been to ensure that appropriate attention is given to cultural resources and to provide guidance on these issues to FDOT. The MOA stipulations, as related to the two design segments being advanced with this

reevaluation, have been completed and documented in the MOA Cultural Resources Status Reports for the TIS project. Therefore, there is no change in status.

#### **Urban Design Guidelines**

The TIS Urban Design Guidelines, approved by the FHWA in December 1994, have been developed to minimize indirect adverse visual and auditory impacts to land uses adjacent to the system and to users of the freeway. The TIS Urban Design Guidelines will serve as guidelines and mitigation measures for the Section 106 process by providing design standards for unique areas within the corridor including West Tampa, Ybor City, Seminole Heights, Tampa Heights, downtown Tampa, and Westshore. In addition, the TIS Urban Design Guidelines specify mitigation measures for indirect adverse effects to historic properties and communities in the vicinity of the project. The TIS Urban Design Guidelines provide guidance on specific aesthetic design requirements for bridge structures, retaining walls and embankments, noise walls, lighting, fencing and sign supports, stormwater and surface water management areas, landscaping, public art, utilities, mounds and grading, and recreation facilities.

#### Status:

The approved FEIS provided criteria for extensive visual and aesthetic treatments which would have a positive effect on the affected communities. The application of such treatment is guided by the TIS <u>Urban Design Guidelines</u> which were developed as a result of public meetings and workshops conducted during the PD&E Study. These guidelines provide for specific and unique treatment of visual/aesthetic and auditory elements for the neighborhoods throughout the corridor.

Under TIS <u>Urban Design Guidelines</u>, FDOT coordinated activities with the City of Tampa and the affected neighborhoods to identify the various treatments applicable to impacted areas. The TIS <u>Urban Design Guidelines</u> have been implemented in the design plans for both segments being advanced with this reevaluation; therefore, there is no change in status.

## Hillsborough Arca Regional Transit (HART) Northern Transit Terminal

Based on the required relocation of HART's existing Northern Transit Terminal, FDOT is committed to providing a new facility as part of the Selected Alternative. With input from HART, options for the new location of the Northern Transit Terminal will be identified and evaluated prior to vacating the existing site. FHWA and FDOT are committed to the opportunity for functional replacement of the Northern Transit Terminal.

FDOT will not select a final location for the new structure until separate Mobility Major Investment Study (MIS), High-Speed Rail, and Electric Streetcar studies being conducted by other agencies have been completed. FDOT will coordinate with those agencies to integrate the related studies in order to optimize the structure location and design and to maximize ridership.

In addition, closure of the existing I-4/40<sup>th</sup> Street interchange will result in more circuitous travel for buses accessing the HART Bus Operations and Maintenance Facility on 21<sup>st</sup> Street. FDOT will continue the ongoing coordination with HART to explore options that reduce the excess travel distance.

#### Status:

The I-4/40<sup>th</sup> Street interchange and the HART's Northern Transit Terminal are not located within either segment being advanced with this reevaluation.

## ADDITIONAL COMMITMENTS FOR THE LONG-TERM PREFERRED ALTERNATIVE

#### Parks and Recreational Facilities

The Long-Term Preferred Alternative for this project will involve the "use" of land from one City of Tampa park requiring a Section 4(f) Evaluation. In an effort to avoid or minimize the proposed impacts, several avoidance alternatives were evaluated. FHWA has determined that there is no feasible and prudent alternative to the use of a limited amount of land from Perry Harvey Park for public transportation purposes. FDOT is committed to mitigating the potential impacts to Perry Harvey Park. Conceptual mitigation plans have been prepared for the park, coordinated with the City of Tampa and presented to the community for input. Mitigation includes berms, landscape materials, a noise barrier, realignment of walkways and paths, replacement of the skateboard facility at a location to be designated by the City, and relocation of the Kid Mason Fendall Center into the Perry Harvey Park.

#### Status:

Perry Harvey Park is not located within either of the segments being advanced with this reevaluation; therefore there is no change in status.

#### Tampa Heights Greenway

The incorporation of existing open space into the proposed project will provide visual linkages to isolated pockets of open space along the corridor. Opportunities to link open space areas will be evaluated in the design phase of the project. FDOT is committed to pursuing the proposed development program for the Tampa Heights Greenway, located directly north of I-275 from the I-275 southbound Ashley Street exit ramp to Columbus Drive. The proposed greenway includes both passive and active recreation facilities, bike paths, and pedestrian walkways that provide links to the Central Business District and other recreation facilities that complement the Hillsborough County Comprehensive Bicycle Plan.

#### Status:

The Tampa Heights Greenway is not located within either of the segments being advanced with this reevaluation; therefore, there is no change in status.

## Multi-Modal Terminal/Parking Garage

The Long-Term Preferred Alterrative provides for the construction of a large downtown multi-modal terminal/high-occupancy vehicle parking structure, transit connected, to accommodate buses and cars and provide commuters with convenient access to existing and future mass transit options. As envisaged, the proposed structure will incorporate the future development of high-speed rail, electric streetcars, and people mover connections.

#### <u>Status:</u>

FDOT remains committed to providing for a large downtown multi-modal terminal. Currently the proposed location of the downtown multi-modal terminal is not within either of the segments being advanced with this reevaluation. Therefore, there is no change in status.

#### VII. PERMIT STATUS

The following provides for the status of environmental permits by each regulatory agency for the segments being advanced under this reevaluation: Southwest Florida Water Management District (SWFWMD), United States Army Corps of Engineers (USACE), the Florida Department of Environmental Protection (FDEP), Tampa Port Authority (TPA), and the United States Coast Guard (USCG).

FPN: 258398-5, I-275 (S.R. 93) from S.R. 60 (Memorial Highway) to Himes Avenue Southbound and Northbound Reconstruction:

Agency	Type	<u>Status</u>
USACE	Individual SAJ-2005-3876 (IP-JF)	11/16/2005 11/16/2010
SWFWMD	Environmental Resource Permit (ERP) 440402958.006	Issued: 9/14/2005 Expires: 9/14/2010
FDEP	Stormwater Discharge From Large and Small Construction Activities	Issued 48 hours prior to construction
*	(Replaces National Pollution Discharge Elimination System [NPDES]	

FPN: 258399-2, I-275 (S.R. 93) from Himes Avenue to Hillsborough River Southbound Reconstruction:

Agency	Type	Status
USACE	Nationwide SAJ-2004-1553 (NW-LDD)	Issued: 1/26/2009 Expires: 1/26/2011
SWFWMD	Environmental Resource Permit (ERP) 44005619.001	Issued: 12/9/2008 Expires: 4/16/2014
FDEP	Stormwater Discharge From Large and Small Construction Activities	Issued 48 hours prior to Construction
TPA	Minor Works Permit 05-165	Expires: 11/30/2010
USCG	Bridge 2-05-07	Issued: 2/17/2005 Expires: 2/17/2010

FHWA-FLASIS-95-03-F Federal Highway Administration Region 4

# ADMINISTRATIVE ACTION FINAL ENVIRONMENTAL IMPACT STATEMENT SECTION 4(1) EVALUATION

U.S. THE APPEARANT OF THAN BOOK TATION
PEDERAL HEALTHAY INDIGINETRATION
AND
FLORIDA DEPARTMENT OF TRANSPORTATION

Work Program Number: 71400)4 State Project Number: 19067-1402 Federal Mid Project Number: 190999(43) Mileberthigh County, Floride

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GLIBMINITED FURNINANT TO 42 U.S.O. 4232 (2)(c) AND 40 U.S.O. 403

1/62/76

Reployed Admilistrator Padacal Highway Administration

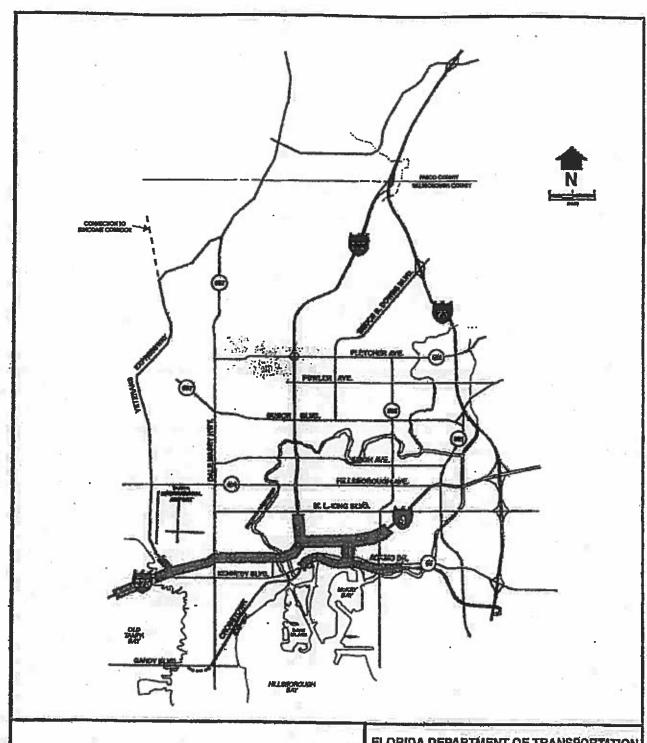
For additional intormation conjuct:

Mithael J. Galefrien, P.E. District PD&E Briginger Florida Department of Transportation 11201 N. Malcotti McKinley Drive MS: 7-560 Tadipa, Pl. 83812-8493

Talephone: (#13) 975-8077

Aft. Mark D. Burtlan, P.E. Suplicities y Transportation Engineer Perdunit Mahwing Administration 227 M. Brunough Birlant Result 2018 Thinksongo, FL. 32301

Telephone: (904) 942-0598



## **LEGEND**

Study Area

Proposed Roadway

FLORIDA DEPARTMENT OF TRANSPORTATION

**ENVIRONMENTAL IMPACT STATEMENT** TAMPA INTERSTATE STUDY

PHASE II

Hillsborough County, Florida

PROJECT STUDY LIMITS

EXHIBIT 1.1

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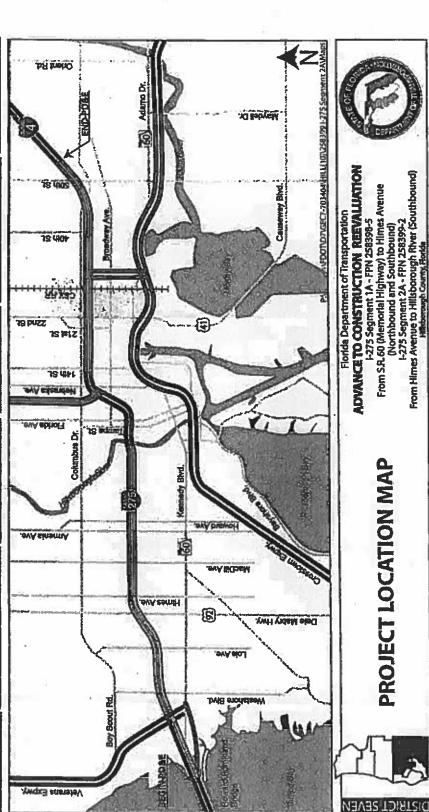
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ADVANCE TO CONSTRUCTION REEVALLIATION
1-275 Segment 1A - FPN 258398-5
From S.R. 60 (Memortal Highway) to Himes Avenue
(Northbound and Southbound)
1-275 Segment 2A - FPN 258399-2
From Himes Avenue to Hillsborough River (Southbound)
Hillsborough River (Southbound) Florida Department of Transportation

