Interstate Modernization Projects

Gateway Expressway Project: FPD: 43380-1-52-01 & 424901-52-01
I-275 Pinellas Corridor: FPD: 424901-1-52-01
Howard Frankland Bridge: FPD 4229042 Pinellas; 4229044 Hillsborough
Westshore Area Interchange: FPD 4333357; 4340452
Downtown Interchange: FPD 4338212
I-275 North Corridor: FPD 4318212
I-4 and Connector: FPD 4317463
I-75 North Corridor: FPD 419235-6
I-75 South Corridor: FPD 419235-5
Supplemental Environmental Impact Statement (SEIS) Limits: FPD 258337-2
NEPA
An integrated decision-making process
NEPA Umbrella

- Transportation
- Land Use & Zoning
- Land Acquisitions & Relocation
- Socioeconomics & Economic Development
- Environmental Justice
- Neighborhoods & Community Facilities
- Parks & Recreational
- Historical & Archeology
- Noise & Vibration
- Visual & Aesthetics
- Air Quality
- Energy
- Water
- Ecologically Sensitive Areas
- Hazardous Materials
- Safety & Security
- Utilities
- Temporary Construction Impacts
- Indirect & Cumulative Effects
Other Laws/Regulations

- Section 4(f)
  - Parks, Recreation Areas
- Section 6(f)
  - Land and Water Conservation Areas
- Section 7
  - Rare, Threatened, Endangered Species
- Section 106
  - Historic Properties
- Section 404
  - Fill material into waters including wetlands
  - Executive Order 11988 and 11990
  - Floodplains, Wetlands
- Executive Order 12898
  - Environmental Justice
**Tampa Interstate Study SEIS**

A project’s environmental impacts, engineering considerations, and public comments feed FDOT’s decision-making process. This graphic lists the various documents that FDOT will prepare as a part of this process. Draft documents will be available at the December 10 & 13, 2018 Public Workshop.

<table>
<thead>
<tr>
<th>Sociocultural Effects</th>
<th>Natural and Physical Effects</th>
<th>Engineering Considerations</th>
<th>Public Outreach</th>
</tr>
</thead>
</table>
| • SCE Tech Memo (includes Environmental Justice and Economic Considerations) | • Air Quality Tech Memo  
• Natural Resources Evaluation  
• Noise Tech Memo  
• Contamination Screening | • Preliminary Engineering  
• Traffic Tech Memo  
• Pond Siting | • Public and Agency Coordination Plan  
• Comments and Coordination Tech Memo  
• Small Group Meetings  
• Public Workshop/Hearing |
FDOT conducts a Sociocultural Effects (SCE) Evaluation to assess a project’s potential effects on these factors in a defined study area:

<table>
<thead>
<tr>
<th>Sociocultural Effects (SCE)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Social</strong></td>
</tr>
<tr>
<td>• Demographics</td>
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<tr>
<td>• Community Cohesion</td>
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<tr>
<td>• Safety</td>
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<tr>
<td>• Community Goals/ Quality of Life</td>
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<tr>
<td>• Special Community Designations</td>
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<tr>
<td><strong>Economic</strong></td>
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<tr>
<td>• Business &amp; Employment</td>
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<tr>
<td>• Tax Base</td>
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<tr>
<td>• Traffic Patterns</td>
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<tr>
<td>• Business Access</td>
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<tr>
<td>• Special Needs Patrons</td>
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<tr>
<td><strong>Land Use</strong></td>
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<tr>
<td>• Land Use-Urban Form</td>
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<tr>
<td>• Plan Consistency</td>
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<tr>
<td>• Growth Trends &amp; Issues</td>
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<tr>
<td>• Focal Points</td>
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<tr>
<td><strong>Mobility</strong></td>
</tr>
<tr>
<td>• Mobility Choices</td>
</tr>
<tr>
<td>• Accessibility</td>
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<tr>
<td>• Connectivity</td>
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<tr>
<td>• Traffic Circulation</td>
</tr>
<tr>
<td>• Public Parking</td>
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<tr>
<td><strong>Aesthetics</strong></td>
</tr>
<tr>
<td>• Noise/ Vibration</td>
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<tr>
<td>• Viewshed</td>
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<tr>
<td>• Compatibility</td>
</tr>
<tr>
<td><strong>Relocation</strong></td>
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<tr>
<td>• Residential</td>
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<tr>
<td>• Non-Residential</td>
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<tr>
<td>• Public Facilities</td>
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</tbody>
</table>
A Sociocultural Effects (SCE) evaluation assesses:
• Social;
• Economic;
• Land Use Changes;
• Mobility;
• Aesthetic Effects; and
• Relocations, including potential issues associated with Environmental Justice (EJ), Civil Rights, and other nondiscrimination laws.

There are six major steps in an SCE evaluation process:
• Review Project Information;
• Define the Study Area;
• Prepare Community Information;
• Evaluate Sociocultural Effects;
• Identify Solutions to Project Impacts; and
• Document Results.
FDOT evaluates a project’s potential effects on the natural and physical environment, including the following:

<table>
<thead>
<tr>
<th>Natural Environment</th>
<th>Physical Environment</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Wetland and Other Surface Waters</td>
<td>• Noise</td>
</tr>
<tr>
<td>• Wildlife and Habitat</td>
<td>• Air Quality</td>
</tr>
<tr>
<td>• Aquatic Preserves and Outstanding Florida Waters</td>
<td>• Contamination</td>
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<tr>
<td>• Wild and Scenic Rivers</td>
<td>• Utilities and Railroads</td>
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<tr>
<td>• Water Quality and Quantity</td>
<td>• Bicycle and Pedestrian</td>
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<tr>
<td>• Floodplains</td>
<td>• Construction</td>
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<tr>
<td>• Coastal Zone Consistency</td>
<td>• Navigation</td>
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<tr>
<td>• Coastal Barrier Resources</td>
<td></td>
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<tr>
<td>• Protected Species and Habitat</td>
<td></td>
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<tr>
<td>• Essential Fish Habitat</td>
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</tbody>
</table>
Operations and Access

FDOT conducts an analysis on existing traffic and conditions to assess a project’s potential effects on future traffic operations and access.

### Traffic Tech Memo
- Existing Traffic Signal Timing
- Existing Roadway Conditions
  - Typical Sections
  - Major Intersection Configuration
  - Crash Analysis & Trends
- Existing AADT Volumes
- Existing Year Level of Service
  - Daily
  - Peak Hour Directional Volumes
- Intersection
- Traffic Forecast Methodology
- Future Conditions

### Preliminary Engineering Report
- Project Summary
- Project Description
- Purpose & Need
- Commitments
- Description of Recommended Alternatives
- Existing Conditions
- Design Controls & Criteria
- Alternatives Analysis
- Public Involvement/Project Coordination
- Recommended Alternatives
Original TIS Commitments

Urban Design Guidelines
Sound Walls
Historic Preservation
Tampa Heights Greenway
Bicycle and Pedestrian
Multimodal Center
Construction Techniques
HART North Terminal*
Parks and Rec Facilities

*Fulfilled or no longer applicable.
Community Ideas/Opportunities*

*Community Ideas from 2016 Design Charrettes
What Problems Are We Trying to Solve?

Traffic Operations

Legend
Operational Issues

- Weave Problem
- Merge Problem
- Sharp Curves/ Limited Sight Distance
- Rollercoaster Effect & Limited Sight Distance

SEIS Update
What Problems Are We Trying to Solve?

Safety

Operational issues and congestion contribute to safety problems.

Sections of I-275 and I-4 are identified as severe crash corridors in Hillsborough MPO’s Vision Zero Action Plan.
I-275 North

Removed express lanes from consideration on I-275 north of downtown Tampa

Evaluating near-term improvements within the existing Right of Way – to include noise walls and opportunities for transit integration

From north of MLK Blvd to north of Bearss Ave.