

May 26 – 27, 2009



**SR-93 / I-75 PD&E Study
Presentation to the
Joint ETAT Coordination Workshop**



Project Team



- Florida Department of Transportation
 - District 4 (D4)
 - District 6 (D6)
 - Florida's Turnpike Enterprise (FTE)

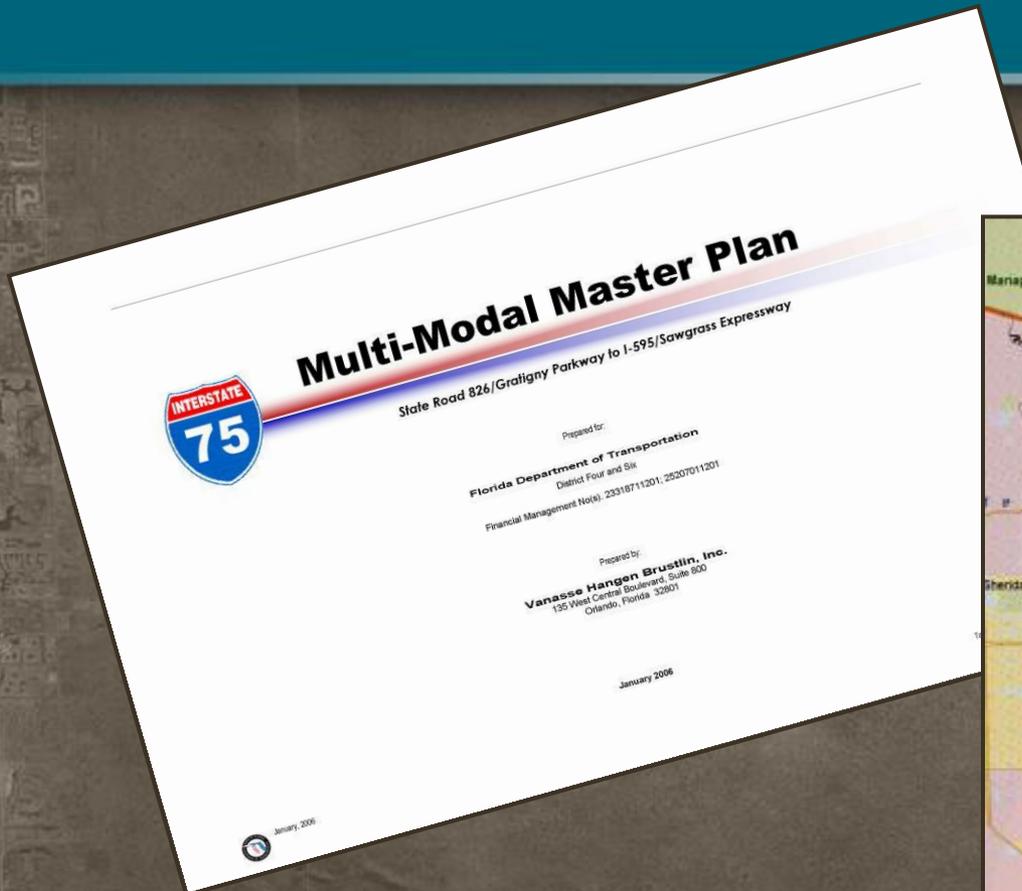
Presentation Outline



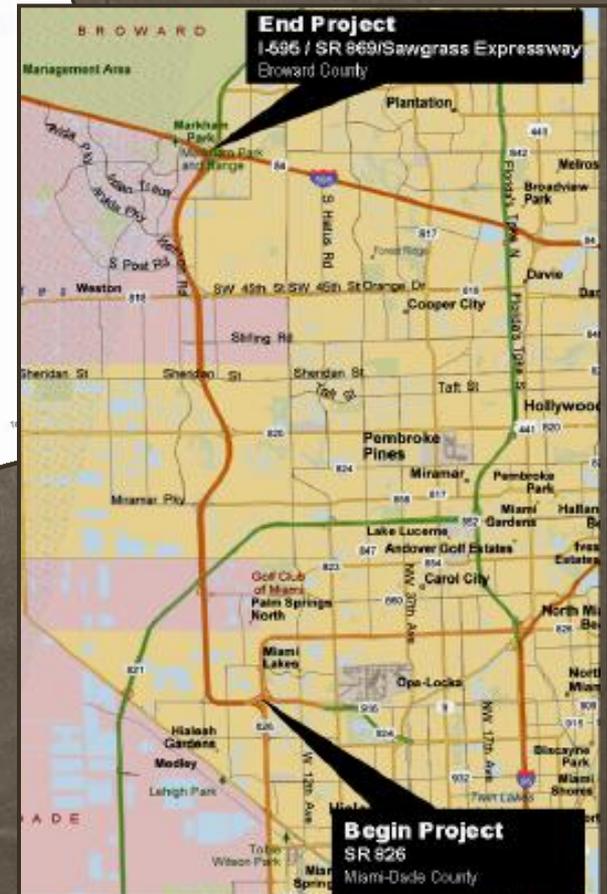
- Project History – Master Plan
- Federal Agencies Involved
- Project Location and Breakdown
- ETDM Screenings
- Public Involvement History and Next Steps
- Major Milestones



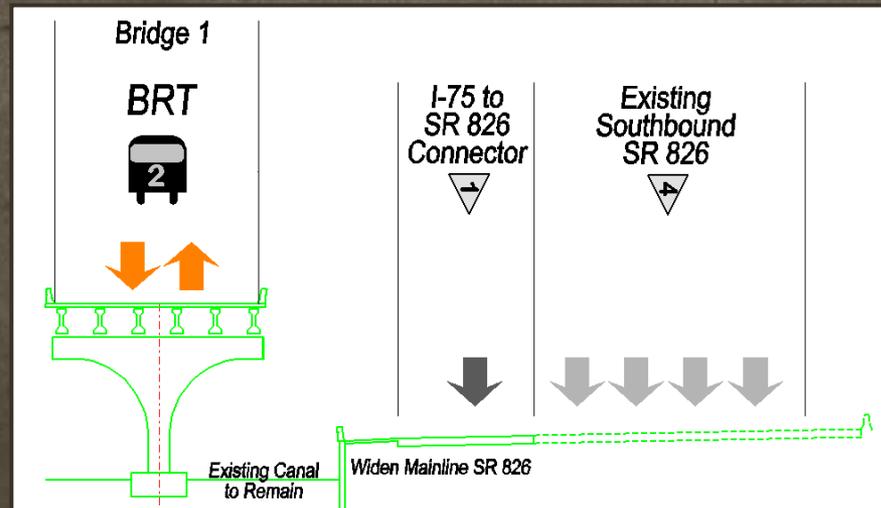
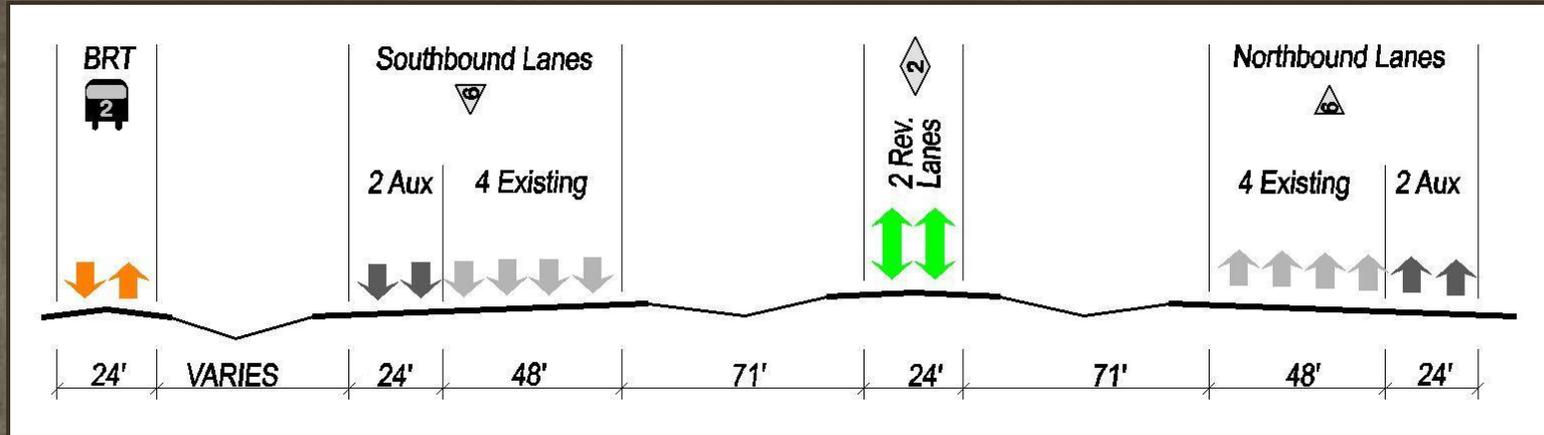
Master Plan Summary



D4 / D6 Joint Master Plan
Completed January 2006



Master Plan Summary



Federal Agency Participation



- Dual Federal Agencies
 - Federal Highway Administration (FHWA) – Lead
 - Federal Transit Administration (FTA) – Participating
- ETDM process led to FTA role identification and project scoping



ETDM Screenings



- Three separate screenings
 - # 7302 submitted by District 4
 - Highway improvements from North of Florida's Turnpike (HEFT) to South of I-595
 - # 6111 submitted by District 6
 - Highway improvements from SR-826 / Palmetto Expressway to North of Florida's Turnpike (HEFT)
 - # 9492 submitted by District 4
(in coordination with District 6)
 - Corridor transit improvements from Miami-Dade Metrorail station to Central Broward East / West transit station



ETDM Project # 7302 – Highway Improvements in District 4



1. ETAT Review started on July 2006
 2. ETAT Review completed on August 2006
 3. Summary Report Published on July 2007
 4. Summary Report Re-published on October 2007
 - Purpose and need statement approved
 5. Summary Report Re-published on December 2008
 - Class of Action approved by FHWA
 - Categorical Exclusion Type 2
 - One single Environmental Document for all of the highway improvements in Districts 4 and 6
- ETAT Field Review performed on February 2009

ETDM Project # 7302 – Highway Improvements in District 4



Screening Summaries

Legend:

- N/A/N/A / No Involvement
- 1 Enhanced
- 0 None
- 2 Minimal (after 12/5/2005)
- 3 Moderate
- 4 Substantial
- 5 Dispute Resolution (Programming)

Alternative #1

Published: 12/11/2008 (reviewed from 7/6/2006 - 8/20/2006)

From: North of the HEFT To: I-595

| | Natural | | | | | | | | | | Cultural | | | Community | | | | | | | |
|--|-------------|--------------------|--------------------|-----------|-------------|----------------|------------|----------------------|-------------------------|----------|----------------------|-------------------------|------------------|-------------------------|------------|----------|----------|----------|------------|--------|-------------------------|
| | Air Quality | Coastal and Marine | Contaminated Sites | Farmlands | Floodplains | Infrastructure | Navigation | Special Designations | Water Quality and Qu... | Wetlands | Wildlife and Habitat | Historic and Archaeo... | Recreation Areas | Section 4(f) Potenti... | Aesthetics | Economic | Land Use | Mobility | Relocation | Social | Secondary and Cumula... |
| | 2 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 1 | 3 | 1 | 2 | 3 | 2 |

| | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 1 | 3 | 1 | 2 | 3 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

ETDM Project # 7302 – Highway Improvements in District 4



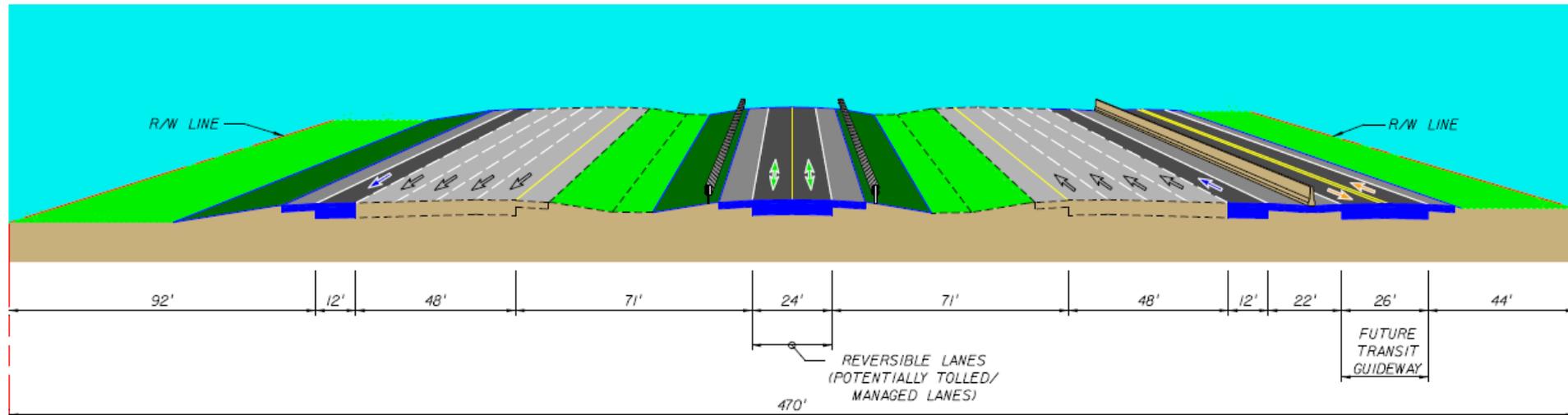
- Summary of Major Issues and Commitments



ETDM Project # 7302 – Highway Improvements in District 4

| Element | Agencies | Issues | Commitments |
|----------------------------|--|--|--|
| Contaminated Sites | FDEP, USEPA | Recommends a survey of current contamination conditions. | FDOT will prepare a Contamination Evaluation Screening Report. |
| Water Quality and Quantity | USEPA, FDEP | Recommends an evaluation of existing stormwater treatment adequacy and future stormwater treatment facilities. | The project will be constructed to meet state water quality and quantity standards. |
| Wetlands | USACE, USFWS, FDEP | Avoidance and minimization techniques should be used and mitigation where unavoidable. | FDOT will apply for an ERP; a Wetland Evaluation Report will be prepared. |
| Cultural Resources | Seminole Tribe, Miccosukee Tribes, Florida Department of State | Request consultation with the Bureau of Archaeological Research. | FDOT will prepare a Cultural Resource Assessment Survey; includes Section 106 and Tribal consultation. |
| Recreation Areas | FDEP | Evaluate the primary, secondary, and cumulative impacts of the project on public lands and any proposed acquisition sites. | FDOT will focus on measures to avoid or minimize impacts to these lands; a biological assessment/evaluation (BA/BE) will be completed. |
| Land Use | FDCA | Project not included in comprehensive plans. | FDOT will coordinate with local governments to ensure consistency with comprehensive plans. |
| Social | FHWA | A noise study will be needed to assess the noise impacts to sensitive receptors. | FDOT will conduct a noise study to assess (and then avoid or minimize) potential noise impacts. |

ETDM Project # 7302 – Highway Improvements in District 4



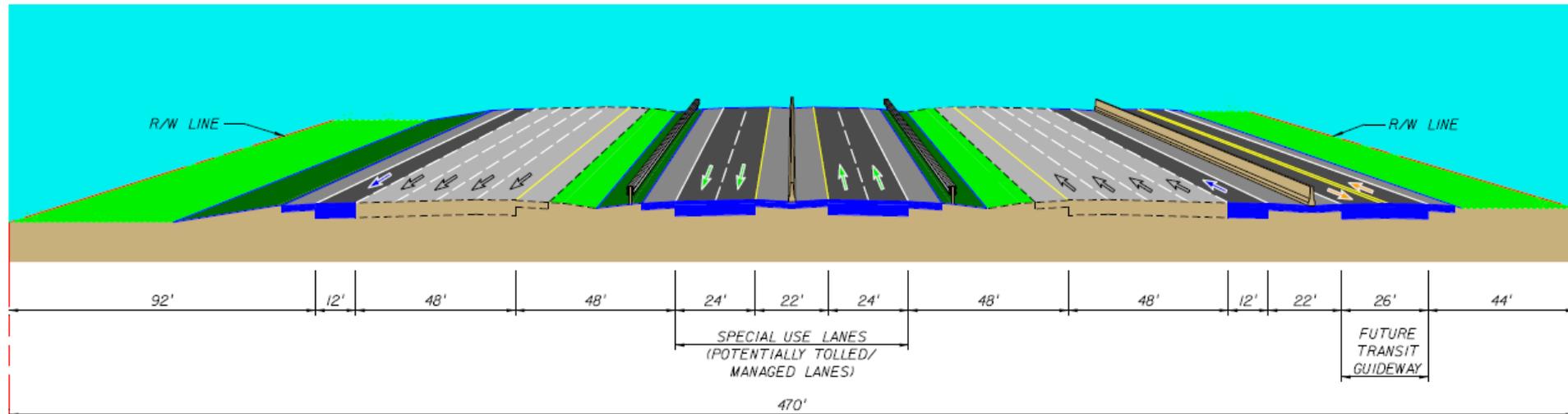
SECTION BETWEEN OVERPASSES

SR-93 / I-75 TYPICAL SECTION – ALTERNATIVE 1
(MIAMI-DADE / BROWARD COUNTY LINE TO I-595)

LEGEND:

- | | | | |
|--|-----------------------|--|-------------------|
| | GENERAL PURPOSE LANES | | SPECIAL USE LANES |
| | AUXILIARY LANES | | REVERSIBLE LANES |
| | TRANSIT GUIDEWAY | | |

ETDM Project # 7302 – Highway Improvements in District 4



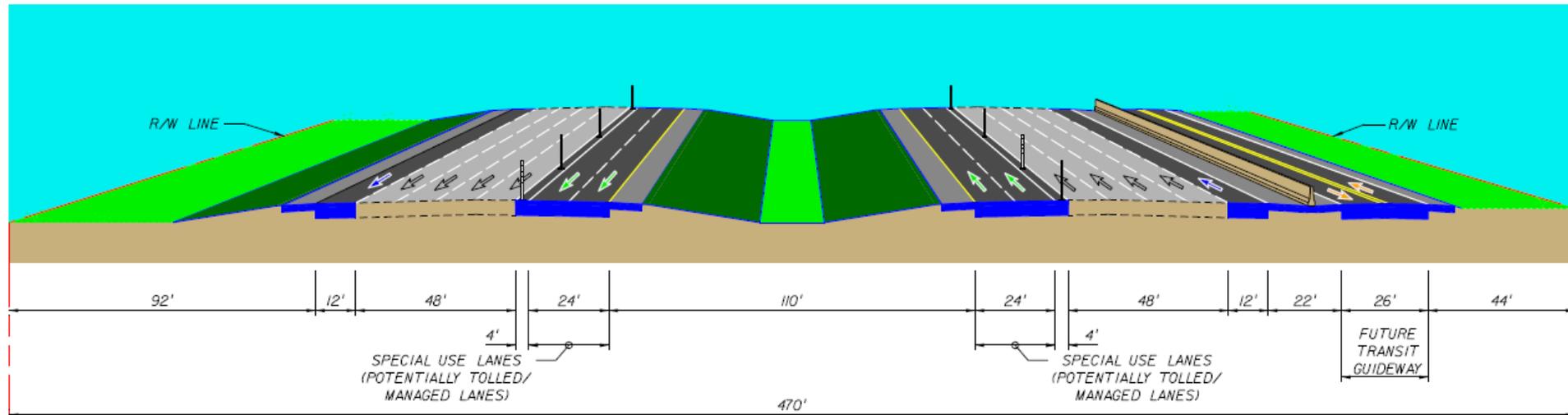
SECTION BETWEEN OVERPASSES

SR-93 / I-75 TYPICAL SECTION – ALTERNATIVE 4
(MIAMI-DADE / BROWARD COUNTY LINE TO I-595)

LEGEND:

-  GENERAL PURPOSE LANES
-  AUXILIARY LANES
-  TRANSIT GUIDEWAY
-  SPECIAL USE LANES
-  REVERSIBLE LANES

ETDM Project # 7302 – Highway Improvements in District 4



SECTION BETWEEN OVERPASSES

SR-93 / I-75 TYPICAL SECTION – ALTERNATIVE 14
(MIAMI-DADE / BROWARD COUNTY LINE TO I-595)

LEGEND:

-  GENERAL PURPOSE LANES
-  AUXILIARY LANES
-  TRANSIT GUIDEWAY
-  SPECIAL USE LANES
-  REVERSIBLE LANES

ETDM Project # 6111 – Highway Improvements in District 6



1. ETAT Review started on February 2007
2. ETAT Review completed on April 2007
3. Summary Report Published on January 2009
 - Class of Action approved by FHWA on December 2008
 - Categorical Exclusion Type 2
 - One single Environmental Document for all of the highway improvements in Districts 4 and 6

ETDM Project # 6111 – Highway Improvements in District 6



Screening Summaries

| Legend: | Natural | | | | | | | | | | Cultural | | | Community | | | | | | | |
|------------------------------------|-------------|--------------------|--------------------|-----------|-------------|----------------|------------|----------------------|-------------------------|----------|----------------------|-------------------------|------------------|-------------------------|------------|----------|----------|----------|------------|--------|-------------------------|
| | Air Quality | Coastal and Marine | Contaminated Sites | Farmlands | Floodplains | Infrastructure | Navigation | Special Designations | Water Quality and Qu... | Wetlands | wildlife and Habitat | Historic and Archaeo... | Recreation Areas | Section 4(f) Potenti... | Aesthetics | Economic | Land Use | Mobility | Relocation | Social | Secondary and Cumula... |
| N/A/N/A / No Involvement | 0 | N/A | 2 | 0 | 0 | 2 | N/A | 0 | 0 | 2 | 2 | 3 | 2 | 0 | 2 | 1 | 3 | 1 | 2 | 0 | 2 |
| 1 Enhanced | | | | | | | | | | | | | | | | | | | | | |
| 0 None | | | | | | | | | | | | | | | | | | | | | |
| 2 Minimal (after 12/5/2005) | | | | | | | | | | | | | | | | | | | | | |
| 3 Moderate | | | | | | | | | | | | | | | | | | | | | |
| 4 Substantial | | | | | | | | | | | | | | | | | | | | | |
| 5 Dispute Resolution (Programming) | | | | | | | | | | | | | | | | | | | | | |

Alternative #1
 Published: 1/6/2009 (reviewed from 2/22/2007 - 4/8/2007)
 From: SR 826/Palemetto Expressway To: N of Florida's Turnpike (HEFT)

| | | | | | | | | | | | | | | | | | | | | |
|---|-----|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | N/A | 2 | 0 | 0 | 2 | N/A | 0 | 0 | 2 | 2 | 3 | 2 | 0 | 2 | 1 | 3 | 1 | 2 | 0 | 2 |
|---|-----|---|---|---|---|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

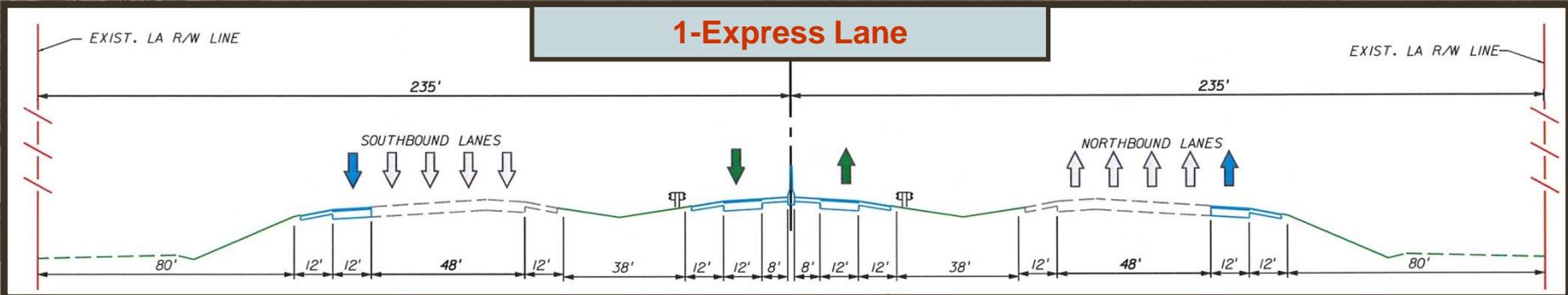
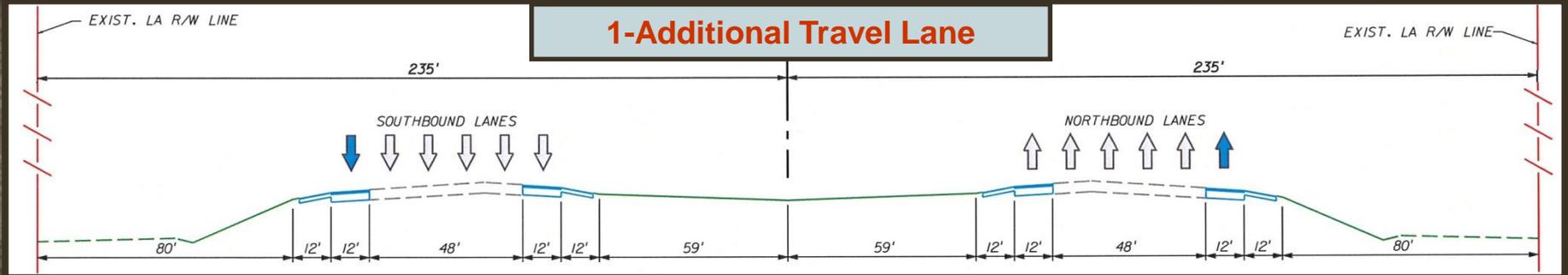
ETDM Project # 6111 – Highway Improvements in District 6



- Summary of Major Issues and Commitments

| Element | Agencies | Issues | Commitments |
|--------------------|--|---|--|
| Cultural Resources | Seminole Tribe, Miccosukee Tribes, Florida Department of State | Request consultation with the Bureau of Archaeological Research. | FDOT will focus on measures to avoid or minimize impacts to cultural resources; a Cultural Resources Assessment will be completed. |
| Land Use | FHWA | An interchange at either location should be supported by the project Purpose and Need. An assessment of the impact on the land uses at each location is needed. | No commitments made. |

ETDM Project # 6111 – Highway Improvements in District 6



ETDM Project # 9492 – Corridor Transit Improvements in District 4/6



1. ETAT Review started on September 2007
2. ETAT Review completed on November 2007
3. Summary Report Published on January 2008
 - Transit Workshops with Miami-Dade (MD) County
 - MD County Transit Corridors Identification – May 2007
 - MD County Transit Corridors Review – April 2008
 - MD County Transit Public Workshop – May 2008
 - Class of Action not defined yet
 - Separate NEPA study from the highway improvements
 - Revised schedule not established
 - Transit Corridor Report for Miami-Dade LRTP review

ETDM Project # 9492 – Corridor Transit Improvements in District 4/6



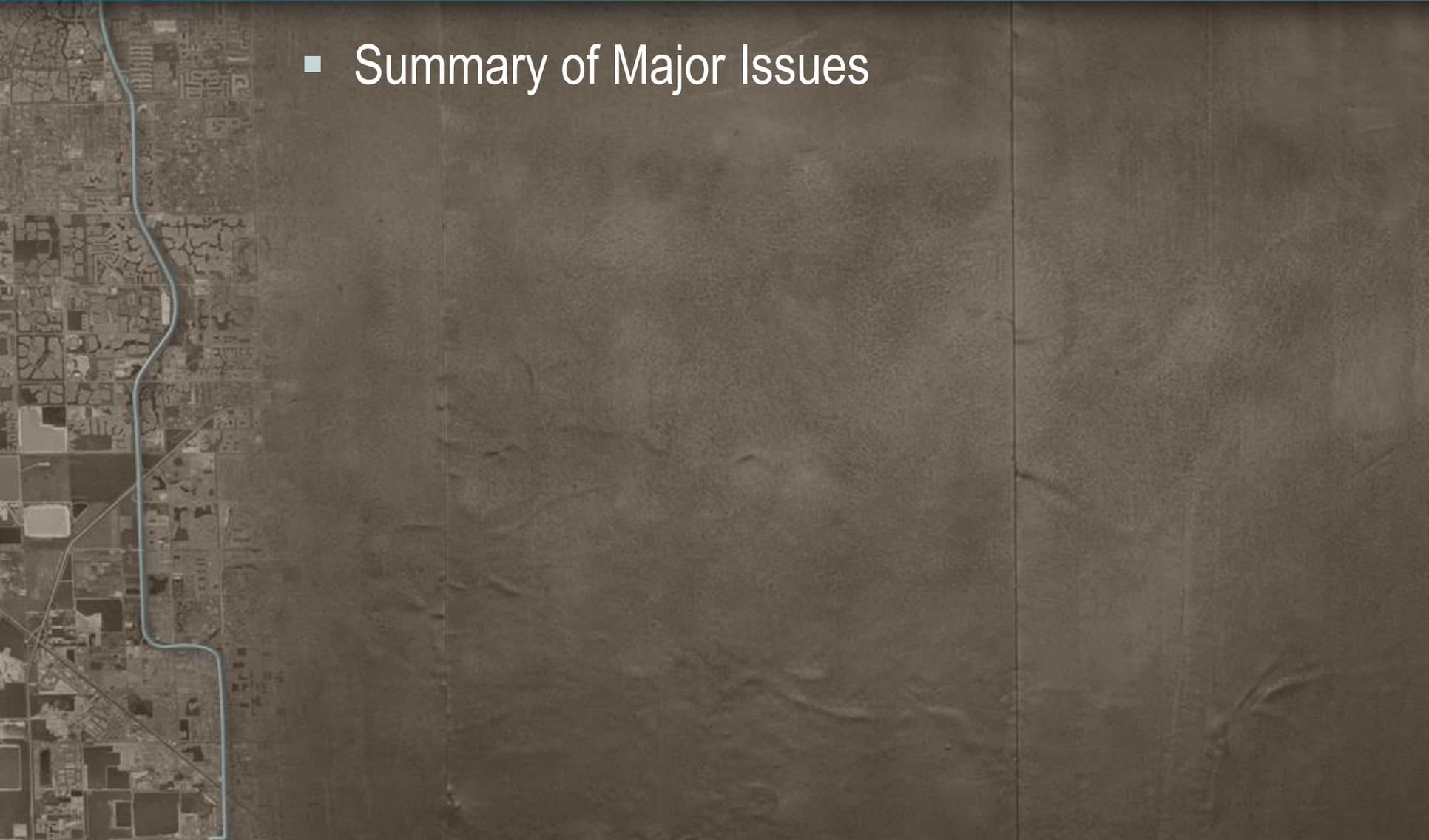
■ Screening Summaries

| Legend: | Natural | | | | | | | | | | | | | Cultural | | Community | | | | | | |
|--|-------------|--------------------|--------------------|-----------|-------------|----------------|------------|----------------------|-------------------------|----------|----------------------|-------------------------|------------------|-------------------------|------------|-----------|----------|----------|------------|--------|-------------------------|---|
| | Air Quality | Coastal and Marine | Contaminated Sites | Farmlands | Floodplains | Infrastructure | Navigation | Special Designations | Water Quality and Qu... | Wetlands | Wildlife and Habitat | Historic and Archaeo... | Recreation Areas | Section 4(f) Potenti... | Aesthetics | Economic | Land Use | Mobility | Relocation | Social | Secondary and Cumula... | |
| Alternative #1 <i>Published: 1/17/2008 (reviewed from 9/21/2007 - 11/20/2007)</i> From: Sawgrass Expressway To: I-75 (Miami-Dade/Broward Co. Line) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Alternative #2 <i>Published: 1/17/2008 (reviewed from 9/21/2007 - 11/20/2007)</i> From: I-75 (Miami-Dade/Broward Co. Line) To: SR 826 to Palmetto Metrorail Station | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| Alternative #3 <i>Published: 1/17/2008 (reviewed from 9/21/2007 - 11/20/2007)</i> From: I-75 (Miami-Dade/Broward Co. Line) To: SR 924 to NW 27th Ave | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alternative #4 <i>Published: 1/17/2008 (reviewed from 9/21/2007 - 11/20/2007)</i> From: I-75 (Miami-Dade/Broward Co. Line) To: Hialeah Gardens Blvd to Palmetto Metrorail Station | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alternative #5 <i>Published: 1/17/2008 (reviewed from 9/21/2007 - 11/20/2007)</i> From: I-75 (Miami-Dade/Broward Co. Line) To: HEFT South to Palmetto Metrorail Station | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alternative #6 <i>Published: 1/17/2008 (reviewed from 9/21/2007 - 11/20/2007)</i> From: I-75 (Miami-Dade/Broward Co. Line) To: HEFT South to Okeechobee Rd Metrorail Station | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alternative #7 <i>Published: 1/17/2008 (reviewed from 9/21/2007 - 11/20/2007)</i> From: I-75 (Miami-Dade/Broward Co. Line) To: HEFT North to NW 215th St | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alternative #8 <i>Published: 1/17/2008 (reviewed from 9/21/2007 - 11/20/2007)</i> From: I-75 (Miami-Dade/Broward Co. Line) To: SR 924 to Okeechobee Rd Metrorail Station | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 4 |

ETDM Project # 9492 – Corridor Transit Improvements in District 4/6



- Summary of Major Issues

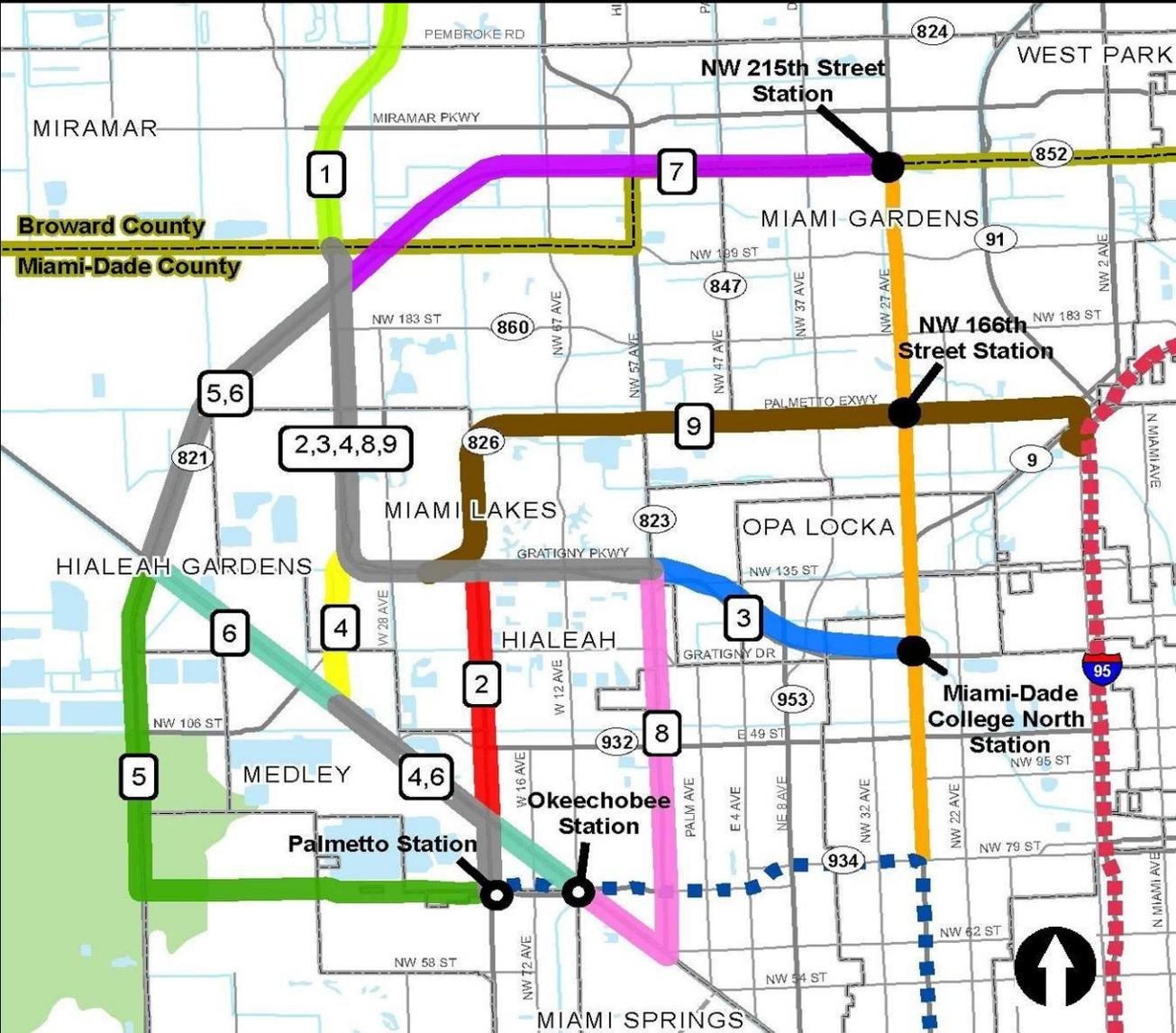


| Element | Agencies | Issues |
|---------------------------------------|---|--|
| Contaminated Sites | USEPA, FHWA | Contaminated sites are an issue for all of the alternatives. Contaminated sites within the vicinity of the alternatives include petroleum tanks, RCRA Regulated sites, hazardous waste sites, gas stations, and in a couple of cases, a National Priority List site, a Superfund sites, and a dry cleaner. |
| Wetlands | USACE | Wetlands were documented by USACE as a concern for all alternatives. The project will need to demonstrate appropriate avoidance, minimization, and compensatory mitigation, including replacing any wood stork habitat. |
| Archaeological and Historic Resources | FHWA, Miccosukee Tribe, Florida Department of State | Archaeological and historic resources have the potential to be moderately to substantially impacted by all alternatives. |
| Recreation Areas | FHWA | Several recreation areas and parks exist near this project which have the potential to be moderately impacted by some of the alternatives. |
| Relocation | Broward MPO, FHWA | Relocation impacts are a possibility for any of the alternatives and are anticipated to have a moderate effect on community cohesion. |
| Secondary and Cumulative Effects | Florida Department of State | Archaeological and historic resources could have indirect and cumulative impacts as a result of this project. |

Transit Corridors Identified and Analyzed to Date



- Legend**
- Existing Stations
 - Proposed Stations
 - ▬ MDT (Existing)
 - ▬ MDT Orange Line (Proposed)
 - ▬ I-95 Express (Under Construction)
 - Central Broward East-West Transit Line (Proposed)
 - ▬ Shared Corridor Routes
 - ▬ Corridor 1: I-75 (Broward County)
 - ▬ Corridor 2: Palmetto Exwy South
 - ▬ Corridor 3: Gratigny Pkwy
 - ▬ Corridor 4: Hialeah Gardens
 - ▬ Corridor 5: HEFT South / NW 74th St.
 - ▬ Corridor 6: US 27
 - ▬ Corridor 7: HEFT North
 - ▬ Corridor 8: Red Road
 - ▬ Corridor 9: Palmetto Exwy North



Project Public Involvement History and Next Steps



- Public Involvement History
 - Agency / Public Kick Off Meetings (September 2007)
 - Global Alternatives Workshop (May 2008)
 - Concepts Workshop (October 2008)

- Public Involvement Next Steps
 - Alternatives Workshop (October 2009)
 - Public Hearing (August 2010)
 - Location Design Concept Acceptance (May 2011)

Major Milestone Dates



| <u>Project Milestones *</u> | <u>2007</u> | <u>2008</u> | <u>2009</u> | <u>2010</u> | <u>2011</u> |
|---|-------------|-------------|-------------|-------------|-------------|
| <u>Project Initiation</u> | ● | | | | |
| <u>Data Collection</u> | ■ | | | | |
| <u>Engineering & Environmental Analysis</u> | ■ | | ■ | | |
| <u>Public Involvement</u> | ■ | | ■ | | |
| <u>Public Kick-Off Meeting</u> | ◆ | | | | |
| <u>Public Workshops</u> | | ◆ | ◆ | ◆ | |
| <u>Public Hearing</u> | | | | ◆ | |
| <u>Location Design Concept Acceptance</u> | | | | | ◆ |

*Schedule dates subject to change

Benefits of the ETDM Process



- Identify and document issues / non-issues early
- Early concurrence on Class of Action and NEPA documentation
- Confirmation of Project documentation (ESBA, CRAS, WER, etc.), eliminating unnecessary scope
- Identify avoidance options and alternative flaws
- Improved communication for unique tri-District nature of project to agencies
- Communication tool for distinction between Highway Improvements and Transit Corridor Improvements / Long-Term Vision

SR-93 / I-75 PD&E Study



Questions ?