Study initiated to evaluate feasibility of adding connection to FIU Biscayne Bay Campus.

- **Alternatives Considered**
  - NE 135th St.
  - NE 143rd St.
  - NE 151st St. improvements
  - NE 163rd St. (Oleta River State Park)
Study Findings

- Only one existing access to FIU Biscayne Bay Campus and adjacent public schools via NE 151\textsuperscript{st} St.
- School zones along NE 151\textsuperscript{st} St. and Bay Vista Blvd. slow traffic
- No secondary emergency evacuation route
- Projected growth at FIU Biscayne Bay Campus and at elementary and high schools
- Unknown future development of Biscayne Landing property
- No programmed future roadway capacity improvements in study area
- Poor drainage along NE 151\textsuperscript{st} St.
Alternative 1: Bay Vista Blvd./NE 135th St. Connection

Steps for Implementation

- City of North Miami jurisdiction/lead agency
- Prepare Environmental Impact Study
- Coordination with DEP, SFWMD, USACE, DERM, and NMFS
- Evaluate additional traffic on NE 135th Street
- Postpone LAP agreement for bicycle/pedestrian bridges
- Identify funding sources
- Costs $5,000,000 two-lane, $11,700,000 four-lane
Alternative 2: NE 143rd St. Connection

— Steps for Implementation

• City of North Miami jurisdiction/lead agency
• Coordination with Biscayne Landing/FIU Development for cross-access agreement
• Coordination with FDOT regarding Biscayne Boulevard and NE 143rd Street
• Prepare Environmental Impact Study
• Coordination with all environmental agencies
• Identify funding sources
• Costs $25,000,000 two-lane, $38,900,000 four-lane
Alternative 3: NE 151<sup>st</sup> St. Improvements

– Steps for Implementation
  • Miami-Dade County jurisdiction/lead agency
  • Coordinate funding options with FIU, FDOT, and Miami-Dade County Public Schools
  • Establish Interlocal Agreements with the participating agencies and include improvements in the TIP
  • Coordinate and evaluate with FDOT improvements at Biscayne Boulevard and NE 151<sup>st</sup> Street
  • Evaluate the potential environmental impact of the proposed improvements
Alternative 4: NE 163rd St. (Oleta River State Park) Connection

– Steps for Implementation
  • Prepare Environmental Impact Study
  • Coordination with the environmental agencies
  • Coordinate with FDOT regarding the impacts to the intersection of NE 163rd Street and Interama Boulevard
  • Identify funding sources for alternative
  • Costs $6,600,000 two-lane, $9,400,000 four-lane
Conclusions

- Alternative 1: Bay Vista Blvd./NE 135th St. Connection
  - Less environmental impact but:
    - In 2007, City of North Miami approved Resolution R-2007-52 declaring area as environmental preserve in perpetuity
    - Still requires environmental mitigation measures
    - Will face strong opposition from residents of area
    - Construction of pedestrian/bicycle bridges would need to be postponed
- Alternative 2: NE 143rd St. Connection
  - Environmental impacts to wetlands require major mitigation measures and expensive bridge construction
- Alternative 3: NE 151st Street Improvements
  - Improvements could improve access to FIU and area schools
- Alternative 4: NE 163rd St. (Oleta River State Park) Connection
  - Environmental concerns and numerous permits/agreements required
  - Potential use as emergency evacuation route
Short Term Improvements

Improvements Along NE 151st Street

- Relocate existing bus stops at High School next to crosswalk, provide bus shelters

New Crosswalk at High School’s Central Driveway

High School Students Waiting for Bus at Westbound NE 151st Street Bus Stop
Short-Term Improvements continued...
Short-Term Improvements continued...

Emergency Access Plan

• Three (3) routes identified
  1) Oleta River State Park Access
  2) NE 156\textsuperscript{th} Street via High School and Treatment Plant
  3) NE 156\textsuperscript{th} Street via Treatment Plant

• FIU and the Miami-Dade Public Schools need to coordinate with State of Florida Department of Environmental Protection Division of Recreation and Parks and Miami-Dade County Water and Sewer Department to facilitate the emergency access routes.
Medium-Term Improvements

- Extended Eastbound left-turn lane
- Northbound right-turn lane
Medium-Term Improvements continued
Medium-Term Improvements continued...
Long-Term Improvements
Long-Term Improvements continued...
Discussions and Questions