



Project Development & Environment (PD&E) Study

GOLDEN GLADES INTERCHANGE

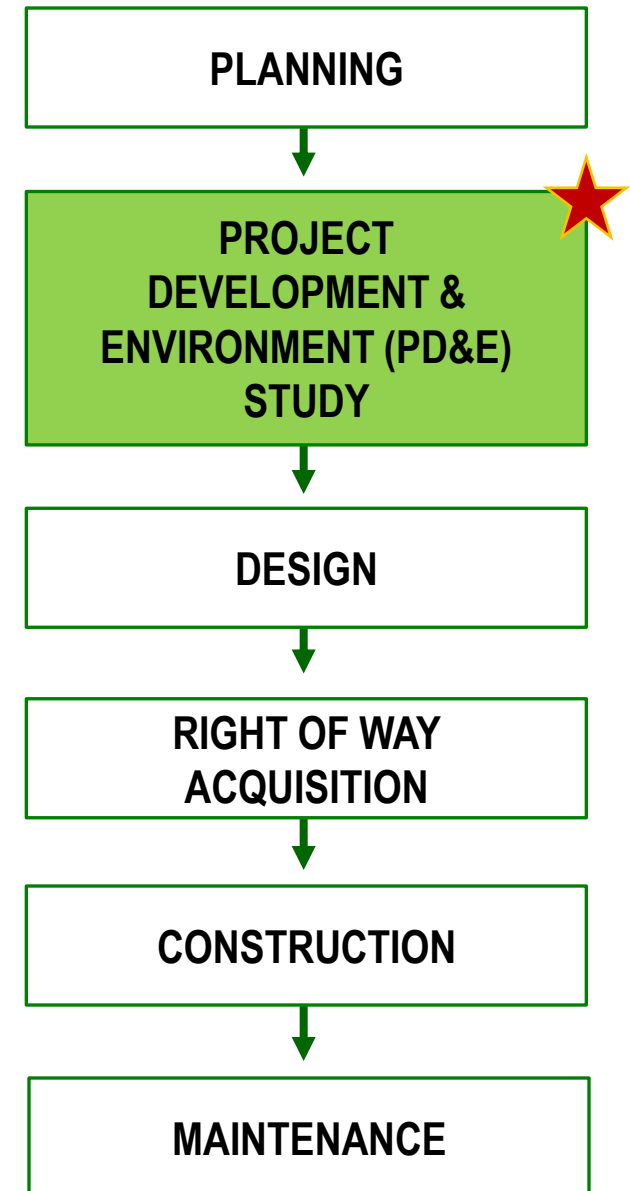
from SR 826 / Palmetto Expressway
Eastbound to I-95 Northbound

Financial Management No.: 428358-1-22-01

Efficient Transportation Decision Making (ETDM) No.: 11300

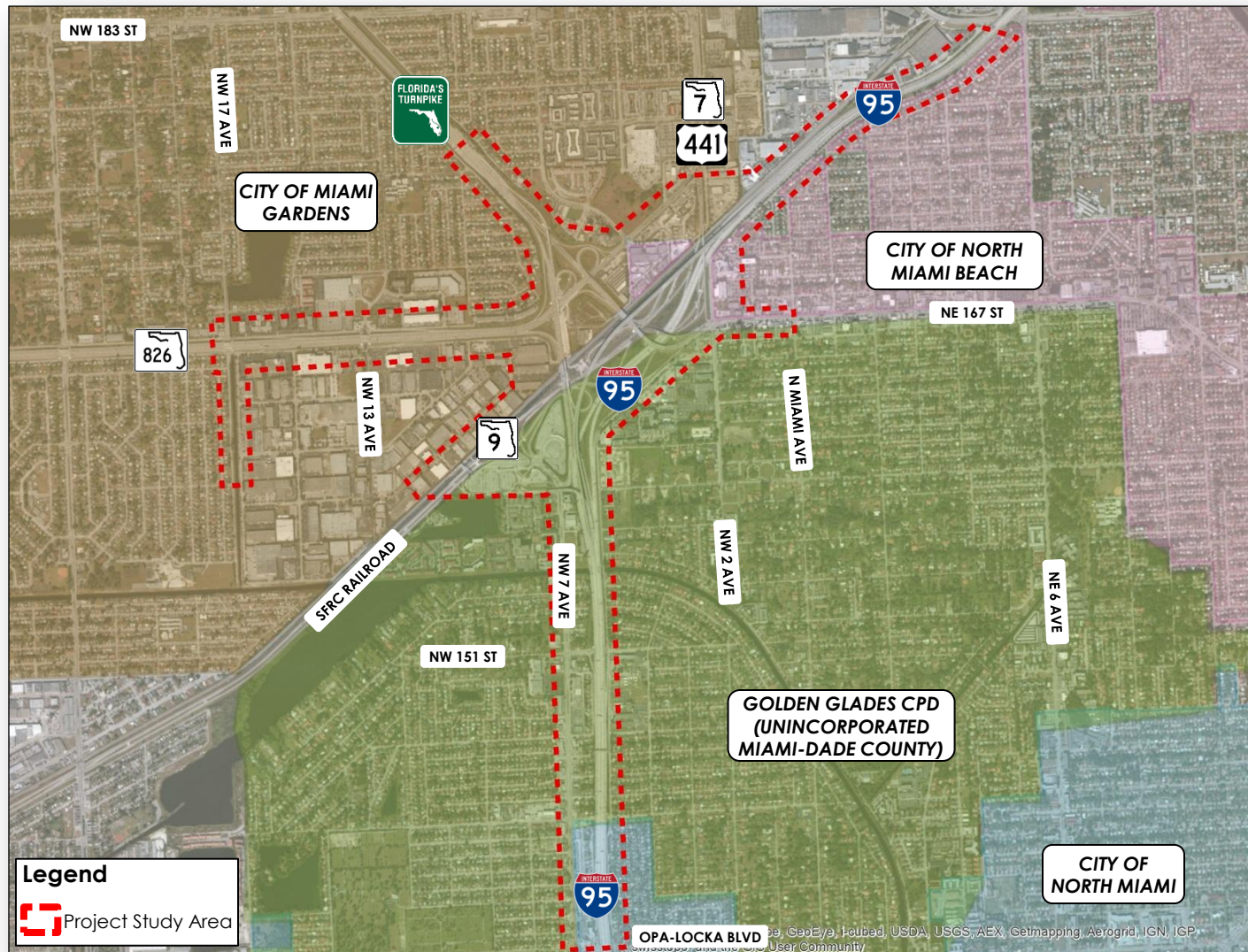
WHAT IS A PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) STUDY?

- ❑ A process followed by FDOT to evaluate:
 - Engineering alternatives
 - Environmental impacts
 - Social, cultural and economic impacts associated with a planned transportation project
- ❑ Part of the Project Development Process as mandated by the National Environmental Policy Act (NEPA) of 1969
- ❑ Required to secure federal approval and funding



PROJECT LOCATION

- ❑ Located in northern Miami-Dade County
- ❑ Adjacent to City of Miami Gardens, North Miami Beach, North Miami and the Golden Glades Community



STUDY AREA CHARACTERISTICS

- ❑ Provides access to Strategic Intermodal System (SIS) facilities:
 - Interstate 95 (I-95)
 - SR 826/Palmetto Expressway
 - Florida's Turnpike
 - Golden Glades Intermodal Center (Park & Ride)
- ❑ Supports the I-95 Express Lanes System
- ❑ Connects to major arterials:
 - SR 9
 - SR 7/US 441
 - SR 826/NW 167th Street
- ❑ Provides access and connectivity for regional freight and transit
- ❑ Facilitates traffic movement between major evacuation routes

1954 – Golden Glades Interchange
(originally called the Interama
Interchange)

Golden Glades, looking north



Golden Glades, looking west



1957 – Turnpike Connection
added to Golden Glades
Interchange

Golden Glades, looking north



Turnpike Entrance





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1964 – Golden Glades Interchange reconstructed with connections to I-95, Florida's Turnpike, SR 826, SR 9 and SR 7/US 441



Golden Glades Interchange, looking north

1995 – Golden Glades HOV Flyover ramps constructed



Golden Glades, looking northeast



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2009 – 95 Express, High Occupancy Toll Lanes (HOT), constructed

Express Lanes – heading SB



Express Lanes – heading NB





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2011 – Florida's Turnpike northbound connector ramp widened

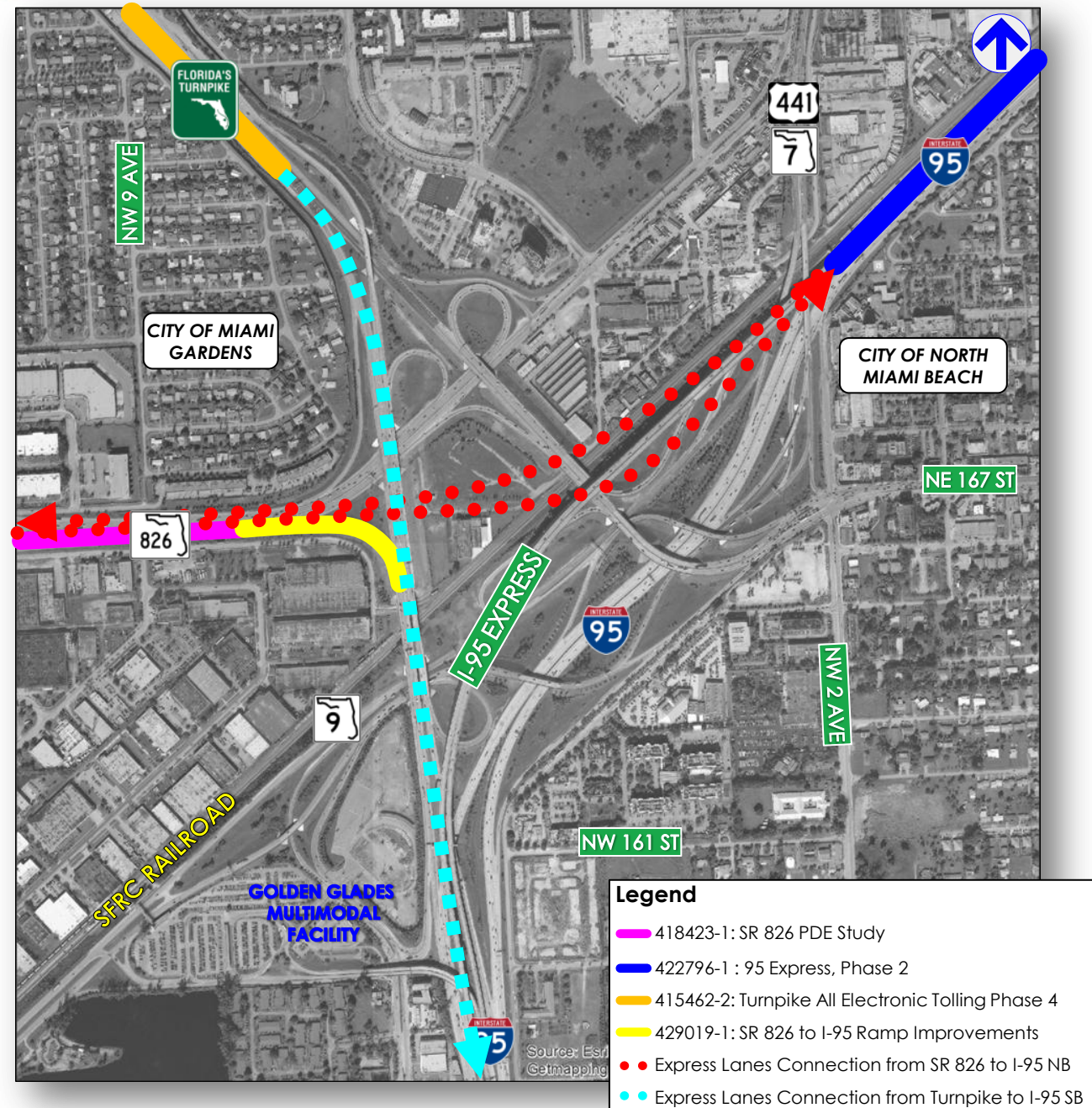
Ramp widening under construction



Golden Glades, looking northeast

ON-GOING PROJECTS

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EXISTING CONDITIONS

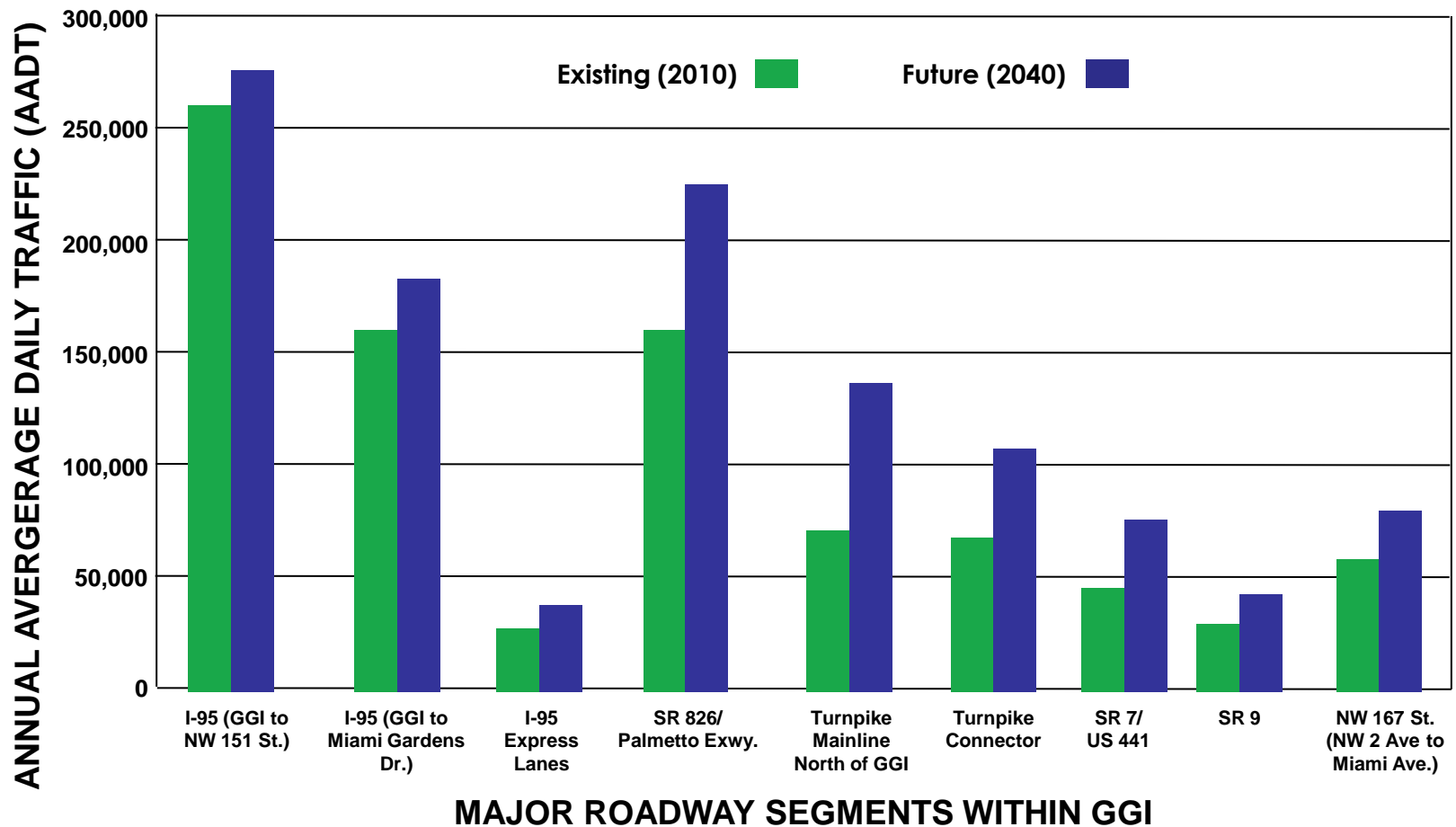


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TRAVEL DEMAND

- ❑ Golden Glades Interchange currently carries over 400,000 vehicles per day (vpd)
- ❑ Travel demand within the interchange is projected to increase by approximately 50% to 600,000 vpd by the 2040 design year



SAFETY

- ❑ 3,238 total crashes between 2006 to 2010
- ❑ 19 fatalities
- ❑ 1,496 injury crashes
- ❑ Predominant Crashes
 - Rear End: 44%
 - Sideswipe: 18%
 - Fixed Object: 12%
 - Angle: 10%
- ❑ Annual Economic Loss estimated at approx. \$101 million



Fatal Crash Locations

- ❑ Provide a direct connection ramp from SR 826/Palmetto Expressway eastbound to I-95 northbound
- ❑ Improve the Florida's Turnpike southbound to I-95 southbound movement
- ❑ Enhance multimodal use for both transit and freight
- ❑ Develop interim improvements within the Golden Glades Interchange to enhance safety, mobility and circulation
- ❑ Enhance emergency access and incident response times
- ❑ Support the establishment of an Ultimate Master Plan and development an implementation program
- ❑ The Ultimate improvements are being evaluated under the SR 826 PD&E Study



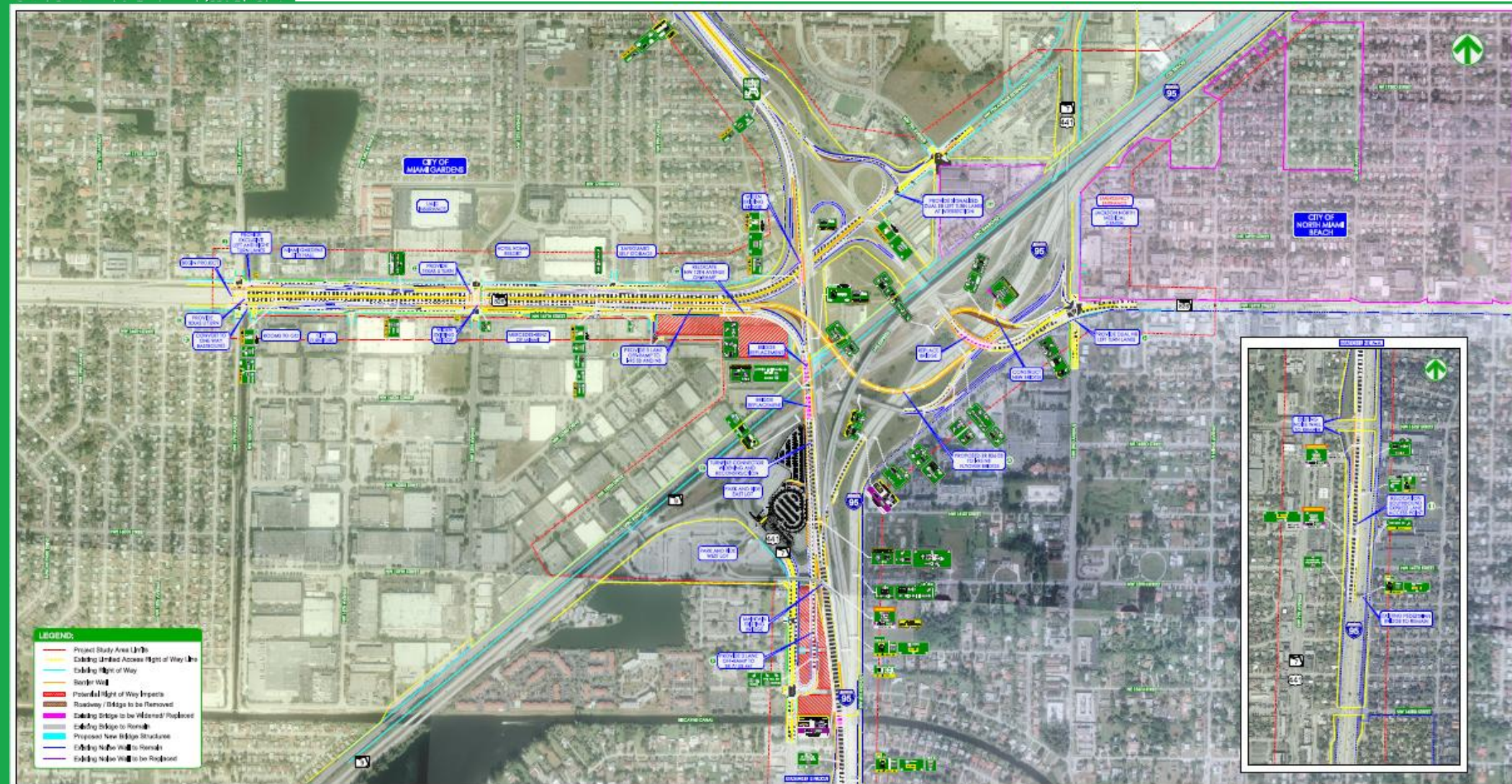
RECOMMENDED INTERIM BUILD ALTERNATIVE

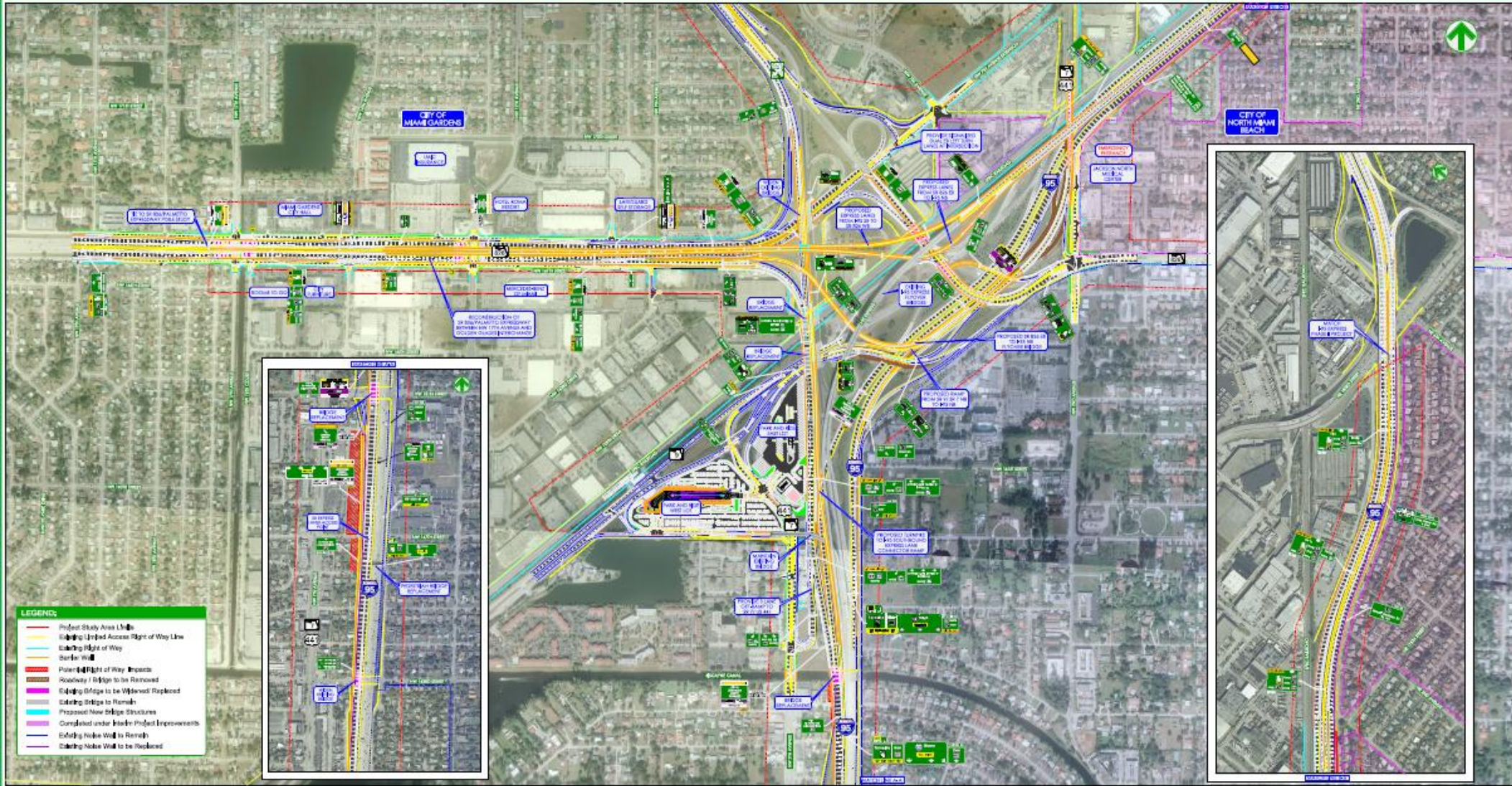


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SUMMARY OF PROPOSED IMPROVEMENTS RECOMMENDED INTERIM BUILD ALTERNATIVE

- A** A direct connection flyover ramp is provided from SR 826/Palmetto Expressway eastbound to I-95 northbound. This improvement requires the reconstruction of several bridges within the Golden Glades Interchange
- B** A new three lane off-ramp is provided from SR 826/Palmetto eastbound to I-95 northbound and southbound
- C** The NW 12th Avenue on-ramp to I-95 northbound and southbound is relocated
- D** Texas U-Turns are provided at the NW 12th Avenue and NW 17th Avenue Interchanges
- E** The Turnpike Connector southbound lanes is widened to accommodate two lanes from Florida's Turnpike and three lanes from SR 826/Palmetto Expressway
- F** The Turnpike Connector southbound off-ramp to SR 7/US 441 is relocated approximately 1200-ft south of the Biscayne River Drive intersection
- G** Signalized dual left-turns are provided from SR 826/Palmetto Expressway eastbound to Florida's Turnpike
- H** A second left-turn lane is added for the northbound approach at the intersection of NW 167th Street and NW 2nd Avenue
- I** The southbound entrance to the I-95 Express Lanes is relocated 300-ft south of the existing entrance
- J** Exclusive left and right turn lanes are added at the intersection of westbound NW 167th Street (frontage road) and NW 17th Avenue
- K** The two-way segment along eastbound NW 167th Street (frontage road) between NW 17th Avenue and NW 16th Court is converted to a one-way eastbound





MULTIMODAL IMPROVEMENTS

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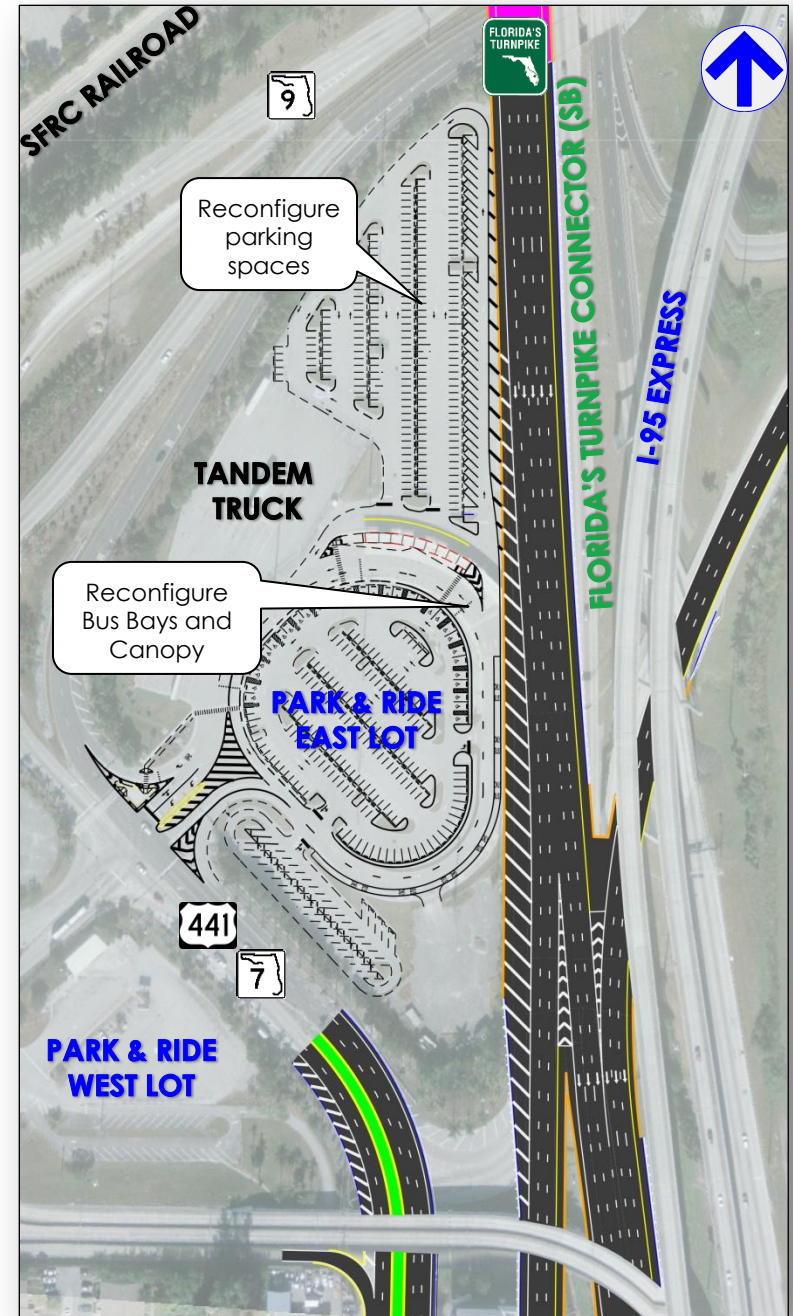


- ❑ Reduces delays and increases reliability for transit users
- ❑ Supports connectivity between Miami-Dade Transit (MDT) and Broward County Transit (BCT) Bus Routes



MULTIMODAL IMPROVEMENTS

- ❑ Reconfigure Park & Ride East Lot to accommodate widening of Turnpike Connector
- ❑ includes adjustments to:
 - Existing parking spaces
 - Bus bays and Canopy



CONCEPTUAL LAYOUT GGI MULTIMODAL FACILITY

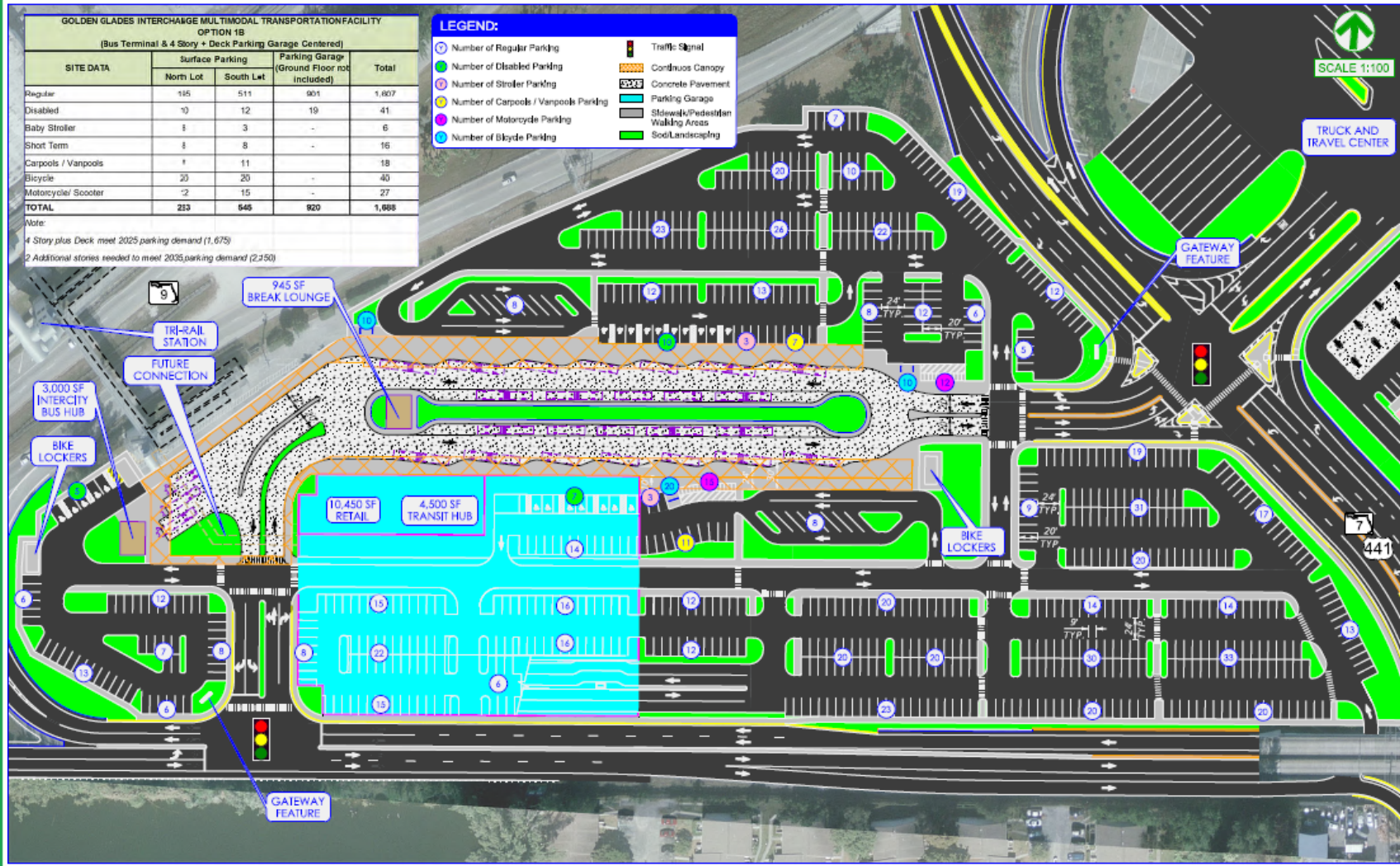


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CONCEPTUAL LAYOUT TRUCK & TRAVEL CENTER

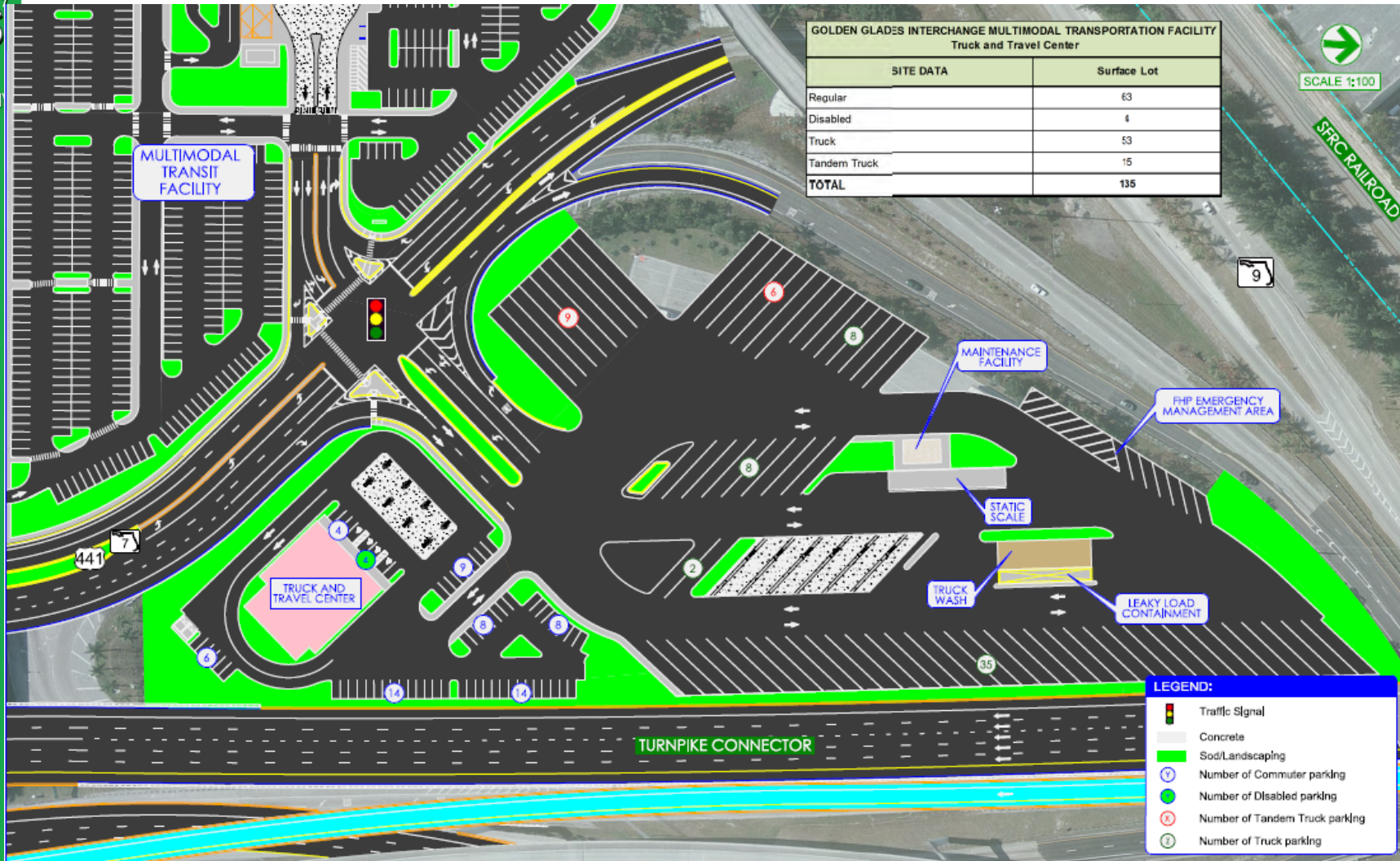


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- ❑ Provides mobility improvements and reduction in delays to local and regional transportation modes
- ❑ Contributes to regional economic benefits
- ❑ Improves vehicular and pedestrian safety
- ❑ No impact to community features and services
- ❑ Minimal impacts to existing businesses



- ❑ Cultural Resource Assessment
- ❑ Historic Resources
 - 187, consisting of: 9 bridges, 1 canal, 1 railroad, 1 arch, 1 gas pipeline, a historic district, and 173 buildings
 - 3 are considered eligible for listing on the National Register of Historic Places: Seaboard Air Line (CSX) Railroad, Bunche Park Historic District, and Sunshine State Arch
- ❑ Archaeological Sites
 - None identified within the Area of Potential Effect



Sunshine State Arch

*No adverse effects
anticipated to
Historic Resources and
Archaeological Sites*

- ❑ Section 4(f) Resources
 - Two recreational facilities along the corridor:
 - Future Miami-Dade County's Gold Coast Trail within South Florida Rail Corridor (SFRC)
 - City of North Miami Beach's Milton Littman Park
 - Project will preserve envelope along the future Miami-Dade County Gold Coast Trail
 - Project will not affect park activities, amenities, or access



**Gold Coast Trail
within South Florida Rail Corridor**



**Milton Littman Park
City of North Miami Beach**

PRELIMINARY CONSTRUCTION COSTS

Recommended Interim Build Alternative

Roadway Construction	
Component	Cost (Million)
Construction Cost/ Project Unknowns/ Contingency	\$106.3
Engineering Design Cost	\$11.4
Construction, Engineering, Inspection Service Costs	\$10.6
Right of Way Cost	\$45.8
Total Cost (Roadway Construction)	\$174.1
18-inch Gas Main Relocation	
Component	Cost (Million)
Pipe Installation Cost	\$24.8 - \$45.0
Right of Way Cost	\$0 – \$22.6
Total Cost (Gas Main Relocation)	\$27.8 – \$47.5

PROJECT SCHEDULE

- ☐ Public Hearing – **March 27, 2014**
- ☐ Study Approval – Spring 2014

Phase	Year							
	2013	2014	2015	2016	2017	2018	2019	2020
Final Design								
Right of Way Acquisition								
Construction								
Project Completion								

- ☐ Project funded for design in 2014 and construction in 2017
- ☐ Funding for Right of Way is pending

- ❑ Draft Documents are available from March 6, 2014 to April 7, 2014
 - Florida Department of Transportation, District Six
1000 NW 111th Avenue, Room 6251
Miami, FL 33172
Monday – Friday: 8:00am to 5:00pm
 - North Dade Regional Library
2455 NW 183rd Street
Miami Gardens, FL 33056
Monday, Thursday, Friday and Saturday: 10:00am to 6:00pm
Tuesday and Wednesday: 1:00pm to 9:00pm
 - Project Website:
<http://www.fdotmiamidade.com/goldengladesstudy>



PUBLIC INVOLVEMENT

- ❑ Elected Officials
- ❑ Agency Kick-Off Meeting
- ❑ Public Kick-Off Meeting
- ❑ Alternatives Public Workshop #1
- ❑ Alternatives Public Workshop #2
- ❑ MPO Committee Meetings

June 2011 – Feb 2013

August 25, 2011

August 25, 2011

May 3, 2012

August 21, 2012

Sept 2012 – Dec 2012

May 2013 – June 2013



PUBLIC INVOLVEMENT



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❑ Outreach to Residential Groups

Nov 2012 – Jun 2013

- Andover Homeowners Association
- Norwood Crime Prevention Community Group
- Scott Lakes Crime Prevention Community Group
- Biscayne Gardens Civic Association
- Pentab Crime Prevention Community Group
- Unrepresented People's Positive Action Council (UP-PAC)

❑ Outreach to Business Community

Nov 2012 – Jun 2013

- AutoNation/Mercedes-Benz
- Jackson North Hospital
- Sunshine State Industrial Park

❑ City of Miami Gardens Town Hall Mtg.

January 29, 2013

❑ Councilman Rodney Harris Town Hall Mtg.

February 19, 2013

❑ State Representative Campbell Town Hall Mtg.

February 29, 2013



Project Factsheet & Newsletters



Project Website:

<http://www.fdotmiamidade.com/goldengladesstudy>

CONTACT INFORMATION



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District Project Development Engineer
Florida Department of Transportation
1000 NW 111th Avenue, Room 6251
Miami, Florida 33172
Tel: (305) 470-5217
Fax: (305) 640-7558
Dat.Huynh@dot.state.fl.us

ETDM Public Web Site
<http://etdmpub.fl-a-etat.org>
ETDM No. 11300

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COMMENT SHEET
Public Hearing | Thursday, March 27, 2014 | 6 pm. to 8 pm.
Betty L. Ferguson Recreational Complex | 3000 NW 199th Street | Miami Gardens, FL 33056

We encourage you to write down your opinions and comments to provide them to the project's records. Please provide your comments below. If you require a meeting, please call or call online about it. You may place your comments in the "Comment Box" provided at the hearing, or send them to **Dat Huynh, P.E.**, at the address below. E-mailed comments are also acceptable. Comments must be received by **April 2, 2014**.

For more information about Golden Glades Interchange PD&E Study, please call, email or write to:

Dat Huynh - Project Manager
Florida Department of Transportation
District 5a
1000 NW 111th Avenue, Room 6251, Miami, Florida 33172
Phone: (305) 470-5217
Email: Dat.Huynh@dot.state.fl.us

Name: _____	
Address: _____	Zip Code: _____
Phone: _____	Email: _____



Visit www.fdotmiamidade.com/goldengladesstudy



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THANK YOU