



Florida Department of  
**TRANSPORTATION**



I-95 Express Lanes SR 202 (JTB) to Atlantic  
Project Development and Environment Study

Duval County, Florida

Financial Project Number 432259-2-22-01

Efficient Transportation Decision Making (ETDM) No. #14273



# Purpose & Need

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- Add express lane capacity to the I-95 Corridor from JTB to Atlantic
- Provide long-term mobility options
- Improve travel time reliability
- Improve operations
- Accommodate projected growth
- Improve operational capacity
- Improve overall traffic operations to accommodate future growth and development
- Improve safety

# Project Corridor



- I-95 at SR 202 (JTB) Interchange



# Preferred Alternative Typical Section



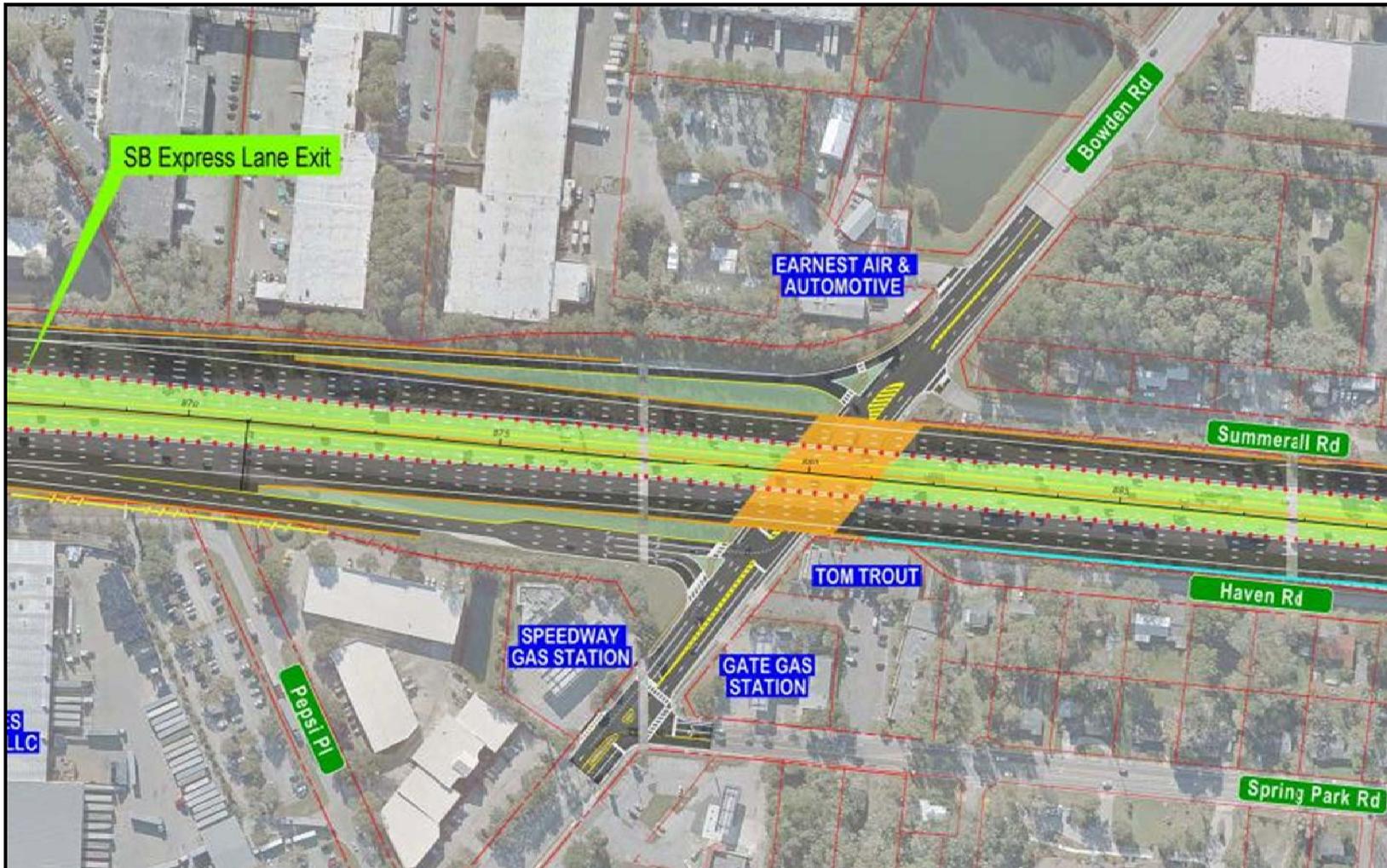
- Typical Section I-95 from SR 202 (JTB) to Bowden Road



# Project Corridor



- I-95 at Bowden Road Interchange



# Project Corridor



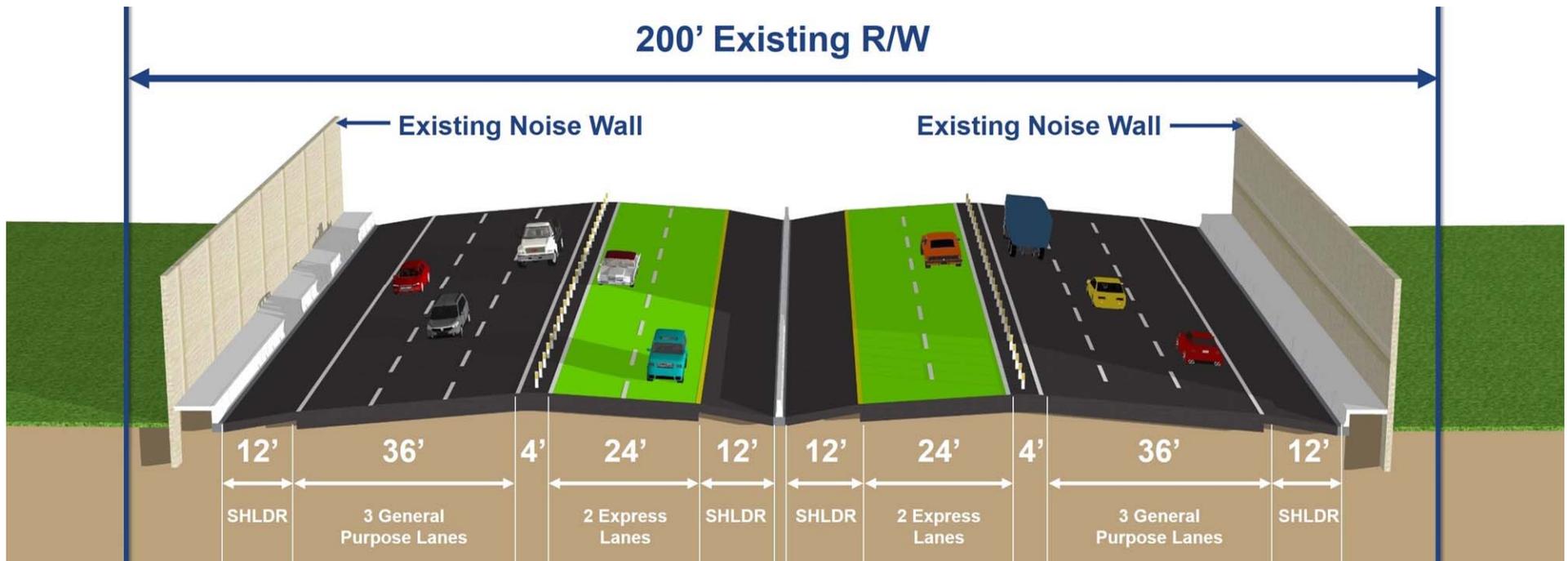
- I-95 at University Blvd Interchange



# Preferred Alternative Typical Section



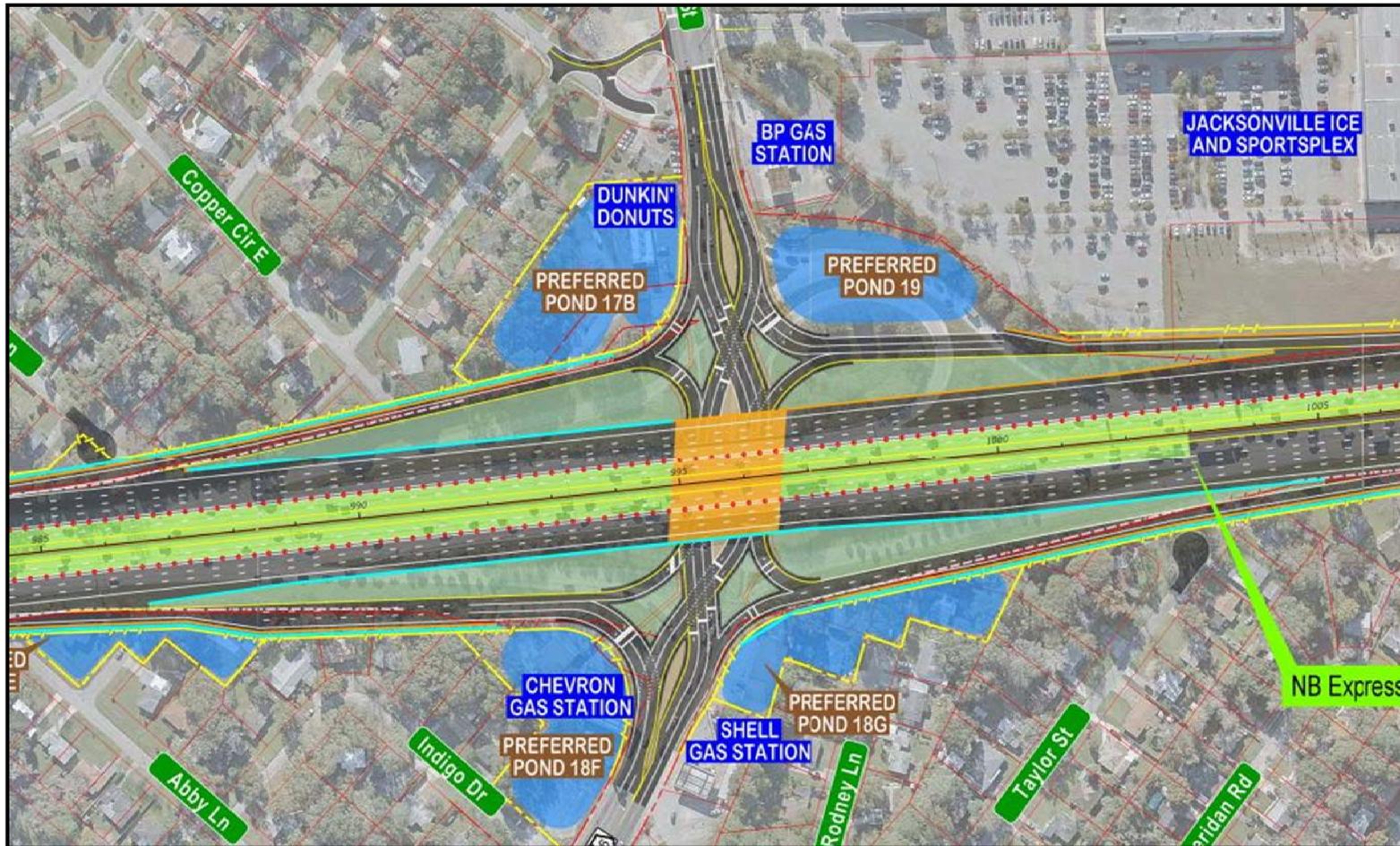
- Typical Section I-95 from University Blvd to Emerson Street



# Project Corridor



- I-95 at Emerson Street Interchange
- Planned reconstruction of interchange to Diverging Diamond Interchange (DDI)



# Diverging Diamond Interchange

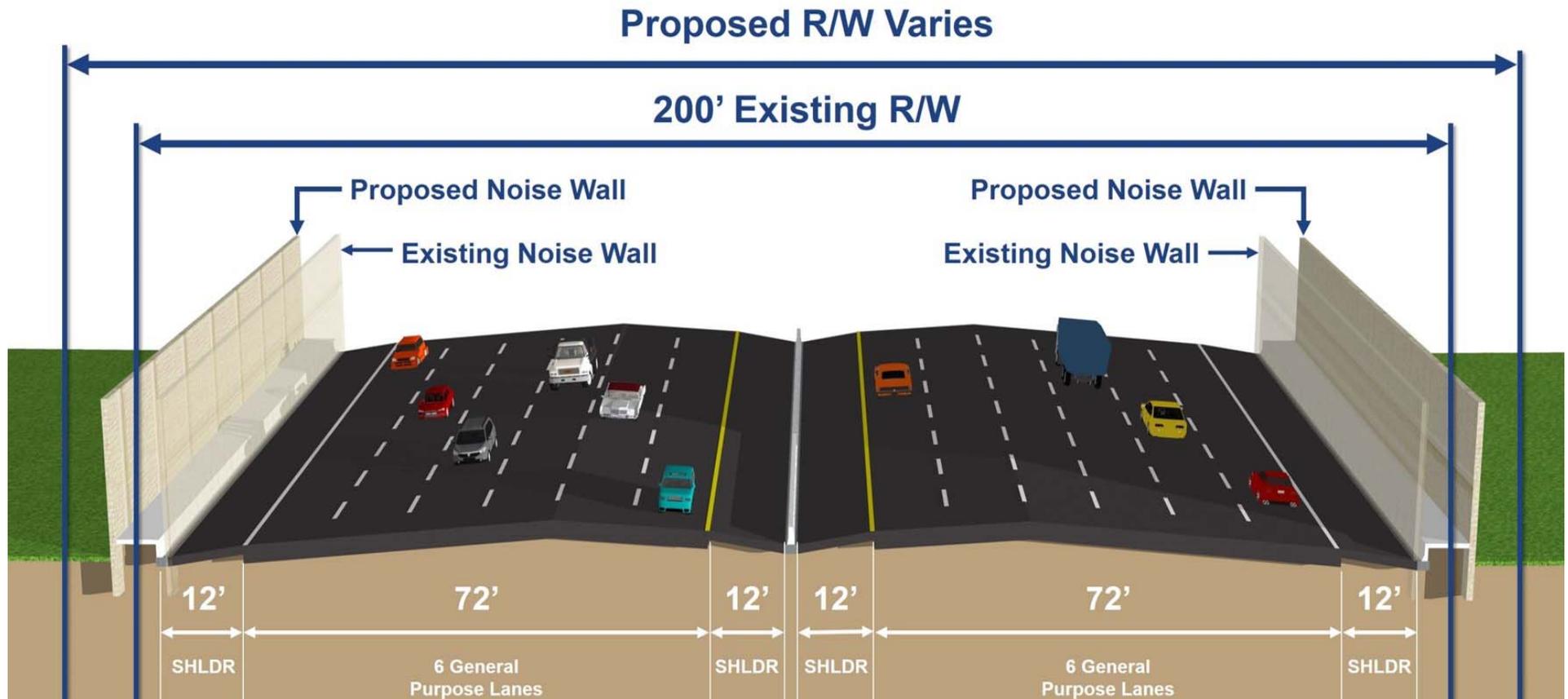
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# Preferred Alternative Typical Section



- Typical Section I-95 from Emerson Street to Overland Bridge



# Project Issues

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- Capacity and Traffic Demand
- Safety
- Right-of-Way
- Drainage
- Roadway Geometry
- Structures
- Historical and Archaeological
- Contamination
- Noise Impacts
- Pedestrian Bridge
- Public Involvement

# Capacity and Traffic Demand



- Traffic Demand exceeds Capacity
  - Existing Peak Hour congestion in AM/PM
  - Projected 13% increase in traffic within 25 years



# Safety



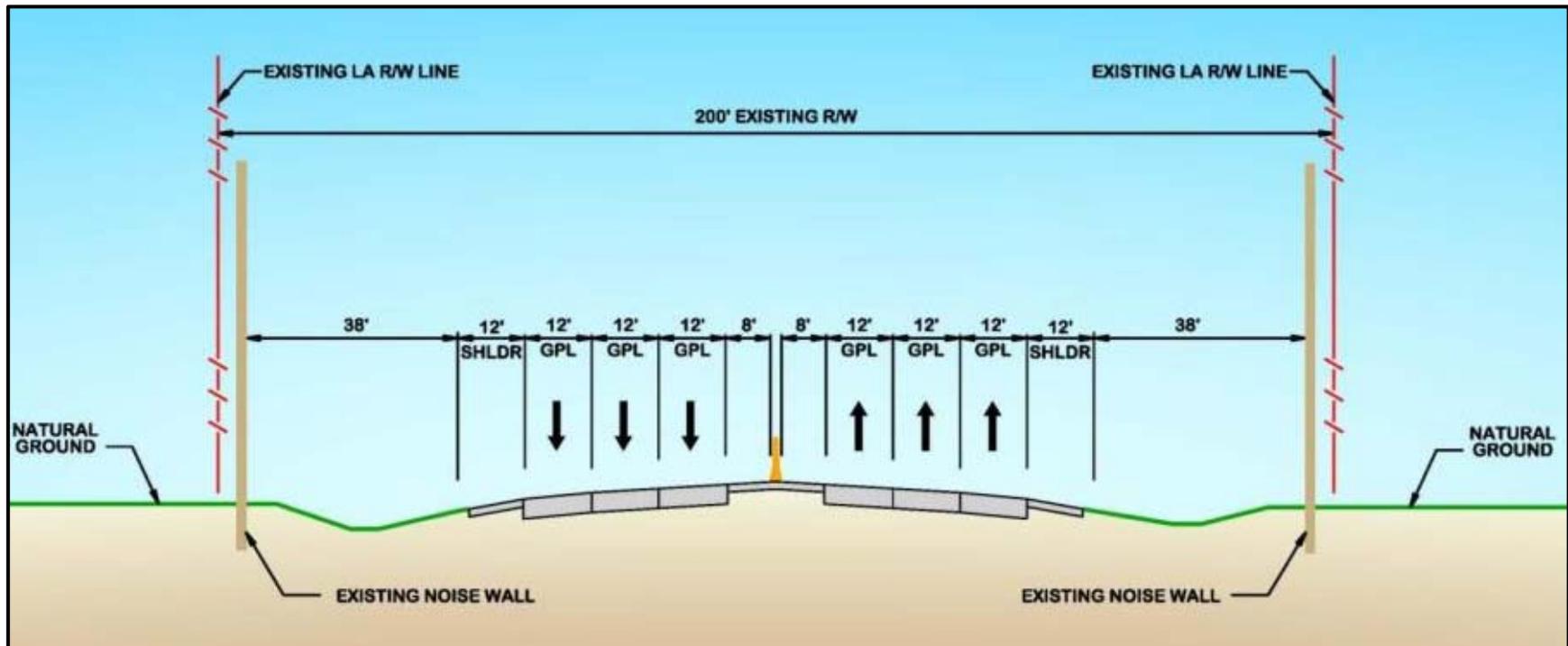
- Analyzed crash data from 2011 – 2015
- Total of 1,819 crashes
  - 634 injury crashes
  - 8 fatal crashes
- 52% of crashes occurred during the AM and PM peak hours



# Roadway Geometry



- Major Deficiencies
  - Roadway Design Speeds
  - Roadway Vertical Curves
  - Bridge Vertical Clearance



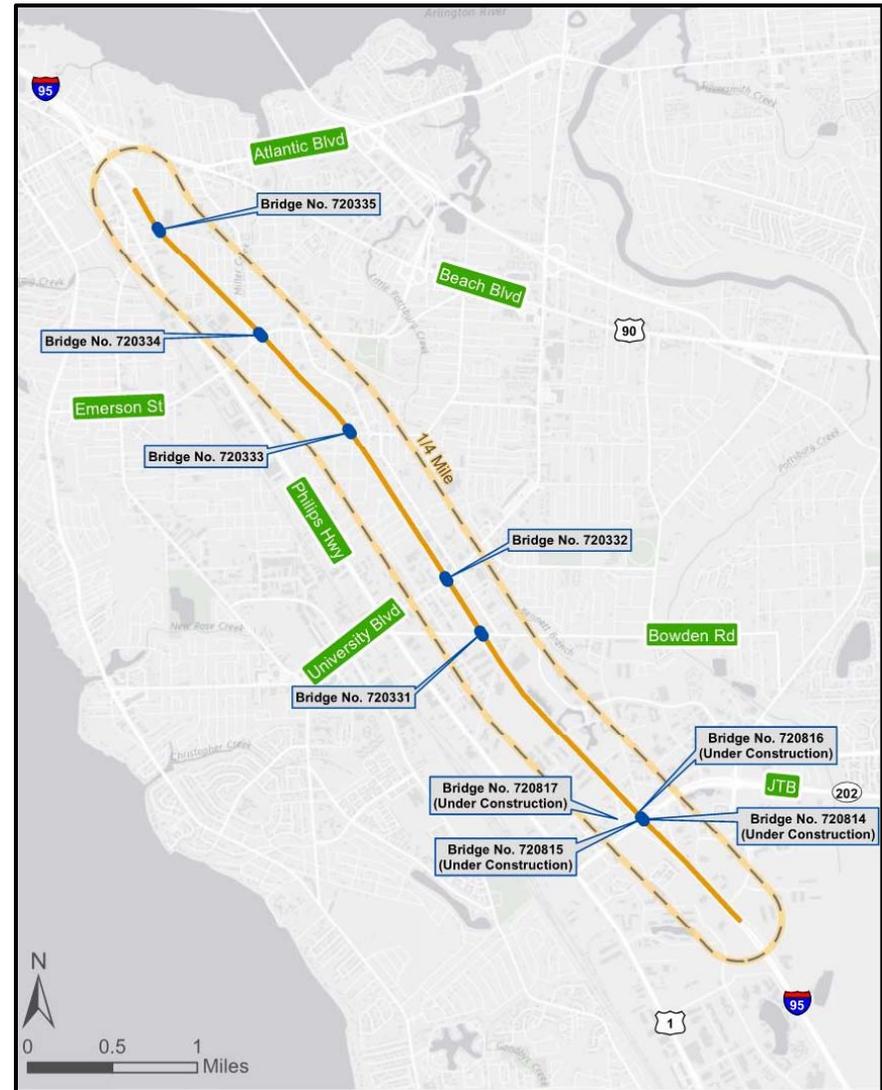
Existing Typical Section

# Structures



- Required 16' 6" Vertical Clearance
- Vertical Clearance
  - 5 deficient bridges
- 4 bridges are being replaced
  - San Diego Road will be widened

Crossroad	Vertical Clearance
Bowden Road	15.36'
University Boulevard	14.83'
Spring Glen Road	14.43'
Emerson Street	14.42'
San Diego Road	13.83'



# Structures



- Emerson Street Bridge April 2017 Field Visit



# Right-of-Way



- Highly Urbanized
- Right-of-Way varies from 200' to 300'



Existing Right-of-Way

# Right-of-Way



- Roadway Impacts
  - 125 impacted parcels
    - 30 total relocations required
      - 17 residential
      - 7 businesses
      - 6 advertising signs
- Pond Impacts
  - 52 impacted parcels
    - 21 residential relocations required
- Total Right-of-Way cost \$42 million
  - Roadway cost: \$28 million
  - Pond cost: \$14 million

# Drainage



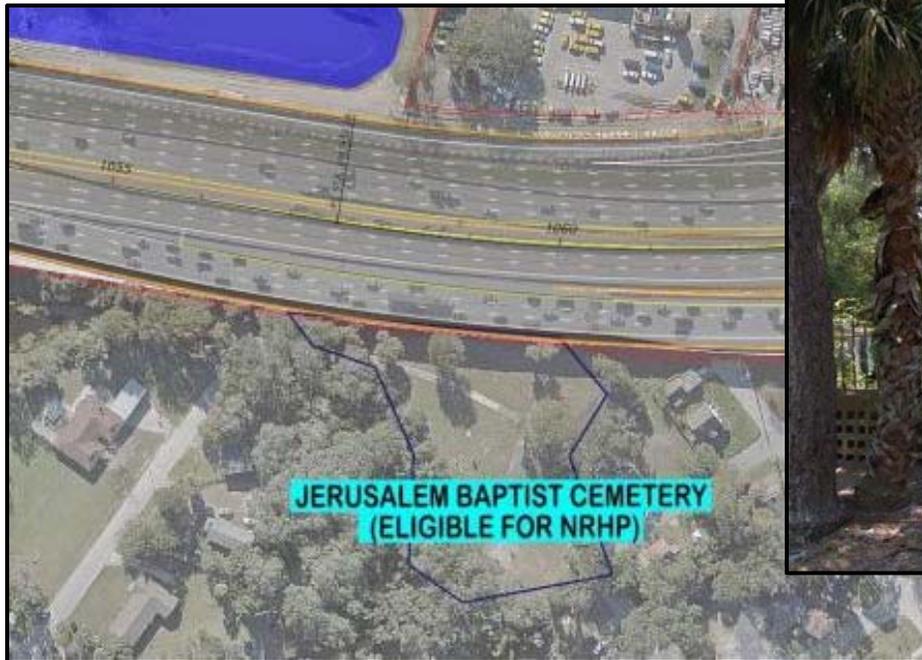
- Highly urbanized area
- 6 major watersheds
- Majority of project outside 500-year floodplain
- Wet Detention Ponds
- Right-of-way impacts due to treatment of entire roadway



# Historical and Archeological



- 95 Historic resources within the APE
- The Jerusalem Baptist Cemetery is eligible for the National Register of Historic Places (NRHP)
  - No portions required for right-of-way
  - No character defining features or qualities will be removed or altered by this project



# Contamination



- 58 sites identified along the corridor
  - 5 rated 'No'
  - 15 rated 'Low'
  - 20 rated 'Medium'
  - 17 rated 'High'
- 37 proposed pond locations
  - 32 rated 'No'
  - 1 rated 'Low'
  - 4 rated 'High'
- Site assessment and any necessary remediation will be coordinated with appropriate regulatory agencies



# Noise Impacts



- 11,350 feet of existing 22,340 feet impacted
- Impacted noise walls will be relocated by approximately 10 feet



# Connors Street Pedestrian Bridge



- Located 0.7 miles North of University Blvd
- Connecting west side of I-95 to Englewood Elementary School and Englewood High School



Proposed Pedestrian Bridge



Existing Pedestrian Bridge Overhead View

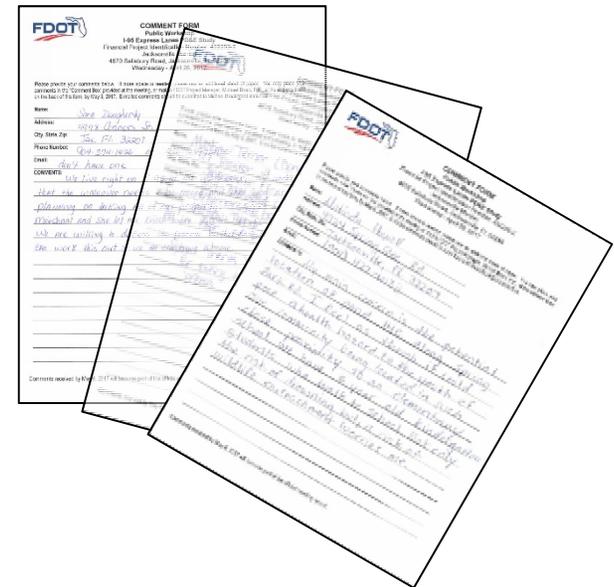


Existing Pedestrian Bridge Street View

# Public Involvement



- First Public Meeting April 26, 2017
  - 187 people signed in
  - 66 written comments
  - Pond locations biggest concern
  - Very few comments on noise impacts or express lanes
- Second Public Meeting August 3, 2017
  - 175 people signed in
  - 25 written comments
  - People happier with pond locations
  - Very few comments on noise impacts or express lanes
- Public Hearing Scheduled for April 4, 2018
  - How to show the project to the public?



# Public Involvement

