SR-9/I-95 @ Glades Road
FM No. 412420-4-32-01
PD&E Concept

Commitments

- Continue Coordination with MPO, and local agencies
- Protect Endangered Species
- Provide Noise Abatement
- Address Contamination
- Coordinate Traffic Control Plan with City of Boca Raton and FAU
ADVANTAGES

- 8-Lane Section Addresses Traffic Needs

DISADVANTAGES

- Major RW Impacts
- Major Utility Impacts
- Requires three new bridges over I-95 and CSX Railroad
- Substandard Loop Ramp Geometry
- Not Consistent with the City of Boca Raton’s Resolution 26-2014
PD&E Concept

**ADVANTAGES**
- 8-Lane Section Addresses Traffic Needs

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PD&E Concept

ADVANTAGES

• 8-Lane Section Addresses Traffic Needs

DISADVANTAGES

• Major RW Impacts
• Major Utility Impacts
• Requires three new bridges over I-95 and CSX Railroad
• Substandard Loop Ramp Geometry
• Does Not Address Pedestrian Needs
• Opposed by the City of Boca Raton
PD&E Concept

ADVANTAGES
• 8-Lane Section Addresses Traffic Needs

DISADVANTAGES
• Major RW Impacts
• Major Utility Impacts
• Requires three new bridges over I-95 and CSX Railroad
• Substandard Loop Ramp Geometry
• Does Not Address Pedestrian Needs
• Not Consistent with the City of Boca Raton’s Resolution 26-2014
Preliminary Design Concept

Typical Section at the Bridges

- Butts Road
- NW 10th Avenue

1.5 Miles

<table>
<thead>
<tr>
<th>2.5' Lane</th>
<th>11' Lane</th>
<th>11' Lane</th>
<th>11' Lane</th>
<th>7' Bike Lane</th>
<th>5' Sidewalk</th>
<th>6' Shoulder</th>
<th>15' Ramp</th>
<th>6' Shoulder</th>
</tr>
</thead>
</table>

F DOT
Preliminary Design Concept

- Addresses Level of Service Requirements
- No Right of Way Required West of Executive Rd.
- EB Ramp to I-95
- No New Bridges Required for I-95 or CSX
- Separates I-95 Bound Traffic from Glades Road Traffic
- Consistent with Spanish River/Yamato Rd SIJR
- Consistent with the I-95 Managed Lanes
Preliminary Design Concept

- Addresses Level of Service Requirements
- No Right of Way Required West of Executive Rd.
- EB Ramp to I-95
- No New Bridges Required for I-95 or CSX
- Separates I-95 Bound Traffic from Glades Road Traffic
- Bridge over Airport Road
Preliminary Design Concept

- Addresses Level of Service Requirements
- No Right of Way Required West of Executive Rd.
- No New Bridges Required for I-95 or CSX
- Separates I-95 Bound Traffic from Glades Road Traffic
- Bridge over Airport Road
- WB Entrance Ramp to I-95
Preliminary Design Concept

I-95 Managed Lanes Typical Section
(Underpass at Glades Road)
Airport Road Intersection
Airport Road Intersection
Loop Ramp Geometry
Loop Ramp Geometry

\[ R = 239' \]
Existing Bicycle & Pedestrian Ramp Treatment

- Four Bicycle and Four Pedestrian Conflict Points with Vehicles at Free-Flow Ramp Terminals on Vertical and Horizontal Curves.
Preliminary Design Concept Bicycle & Pedestrian Ramp Treatment

- No Bicycle or Pedestrian Conflict Points with Vehicles at the Free-Flow Ramp Terminals on Vertical and Horizontal Curves.
Preliminary Design Concept Bicycle & Pedestrian Ramp Treatment

- Introduces Green Bike Lanes at Decision Points
Glades Road Looking West at Airport Rd.
Glades Road Looking West at Airport Rd.
Glades Road Looking NW at Airport Rd.
Glades Road Looking NW at Airport Rd.
SR-9/I-95 @ Glades Road
FM No. 412420-4-32-01