SR-9/I-95 @ Glades Road
FM No. 412420-4-32-01
Project Limits

Butts Road
NW 13TH St / E. University Dr.
Glades Road

Florida Atlantic University
City of Boca Raton Utilities
University Commons
Boca Raton H.S.
Town Center Mall

2.0 Miles

Project Overview
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

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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

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• Major Utility Impacts
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• Does Not Address Pedestrian Needs
• Not Consistent with the City of Boca Raton’s Resolution 26-2014
Preliminary Design Concept

1.5 Miles

Typical Section at the Bridges

Butts Road

NW 10th Avenue
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 Diagram](image-url)
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
PD&E Concept

Future 2040 PD&E Build Condition
Preliminary Design Concept

Future 2040 Build Condition

N Military Trail
1-95 SB off-ramp
1-95 NB On-Ramp
Airport Road
NW Executive Center Drive
1-95 SB On-Ramp

LOS D or Better
LOS E
LOS F

0.2A (1.1A)
65.1 E
(59.4 E)
91.1 F
(110.7 F)
1.3A (7.0A)
15.8 B (34.0 C)
104.3 F
(92.5 F)
(53.3 D) 62.8 E
(67.1 E)
85.2 F
(135.8 F)
(49.0 D) 37.5 D

37.1 s / D
(49.8 s / D)
38.1 s / D
(30.0 s / C)
49.6 D (62.2 E)
51.3 D (52.7 D)
30.3 C (22.0 C)
(13.2 B) 29.1 C
38.1 s / D
(30.0 s / C)

16.4 B (26.5 C)
18.0 B (20.9 C)
18.4 B (21.4 C)
19.2 B (21.1 C)
15.5 B (0.1 A)
0.1 A

10.1 s / B
(10.5 / B)
54.6 s / D
(32.1 s / C)
5.6 A 19.7 B
18.0 B (20.9 C)
16.7 B (21.7 C)
211.9 F
(99.1 F)
(72.0 E) 118.9 F
(70.5 E) 96.9 F
(4.0 A) 82.9 F
(87.0 F) 97.5 F
(39.9 D) 86.5 F
(5.6 A) 19.7 B

37.1s / D
(49.8s / D)
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.
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