

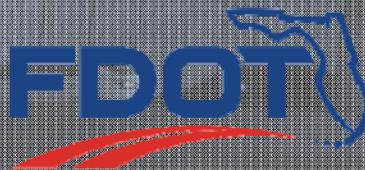
Public Kick-off Meeting

**SR 9/I-95 at Northlake Boulevard Interchange
Project Development and Environment Study
In Palm Beach County**

November 10, 2015

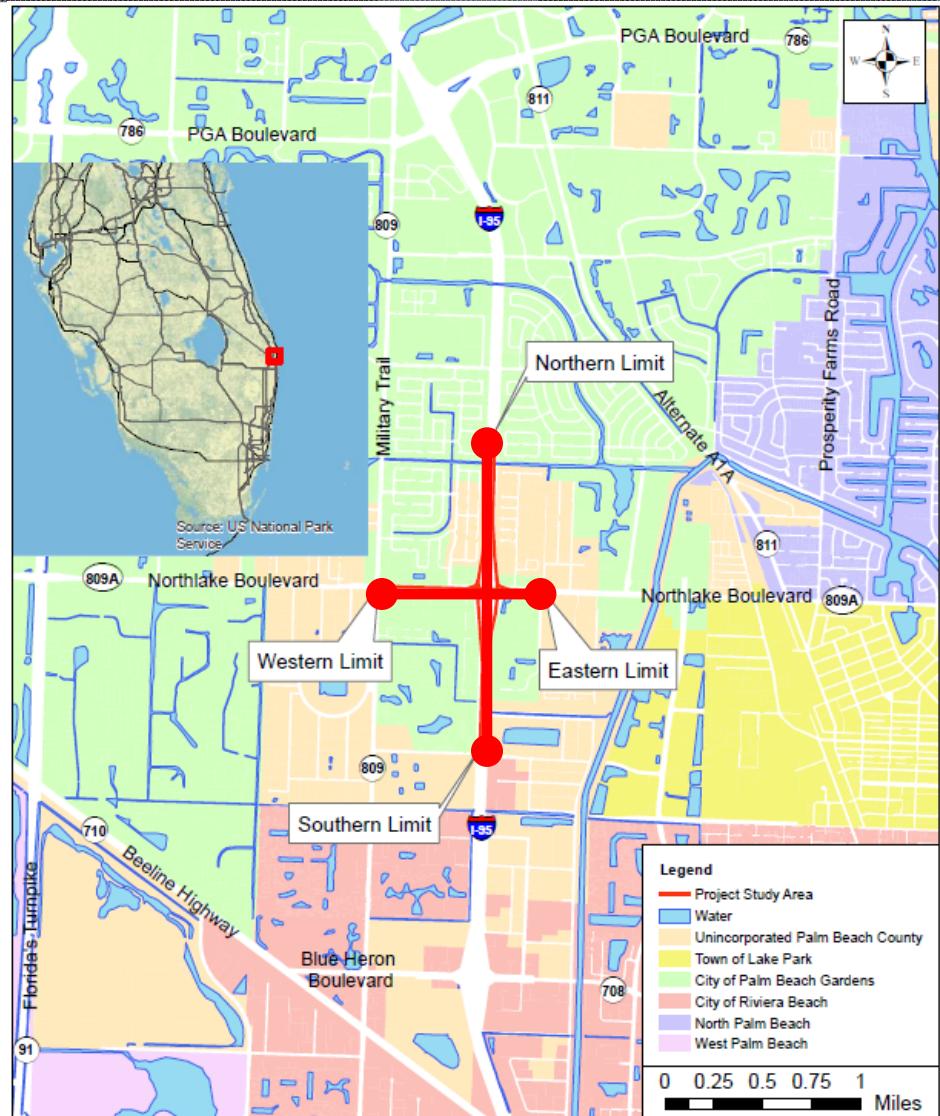
Financial Management Number: 435803-1-22-02

Efficient Transportation Decision Making Number: 14182

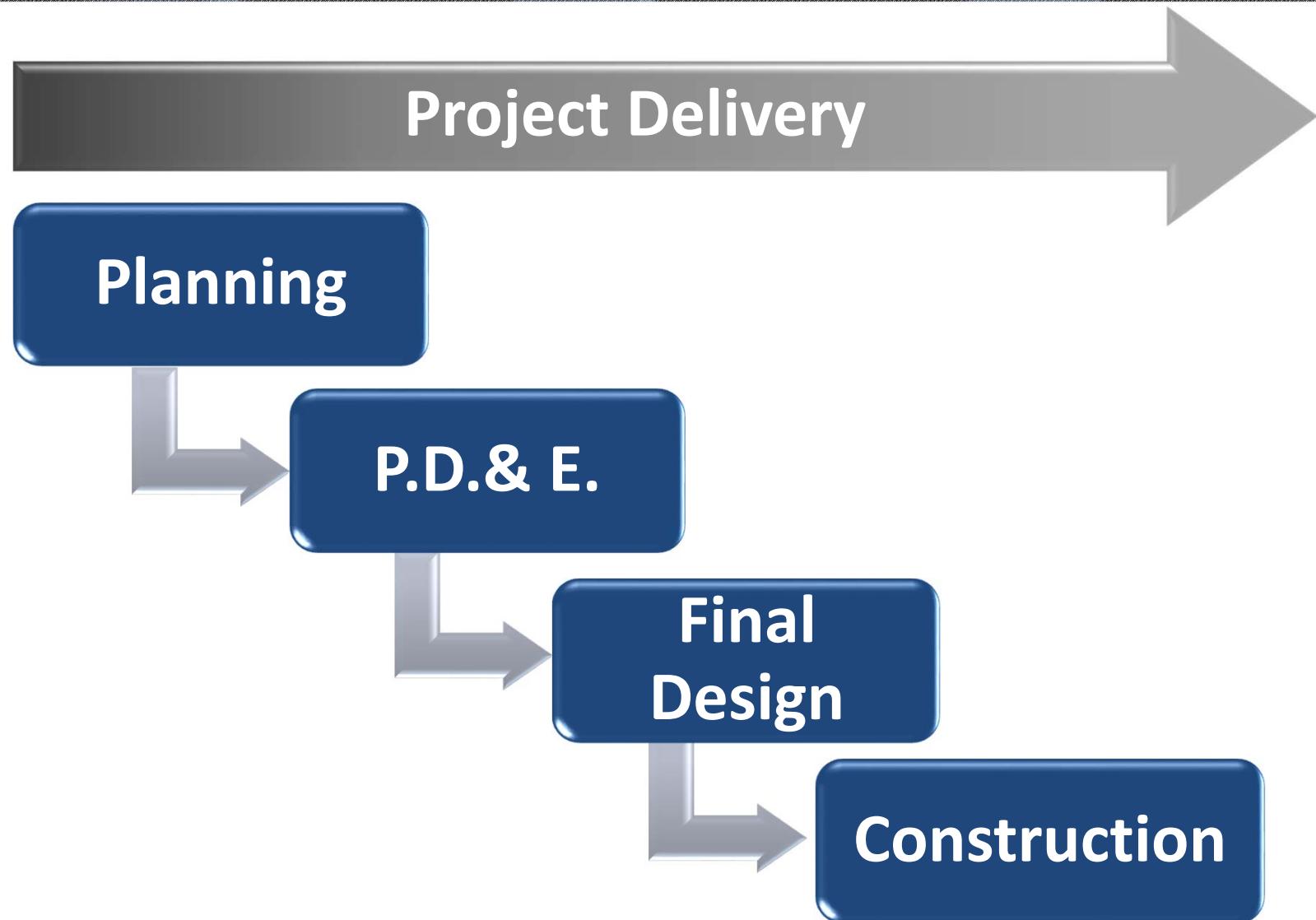


Project Location

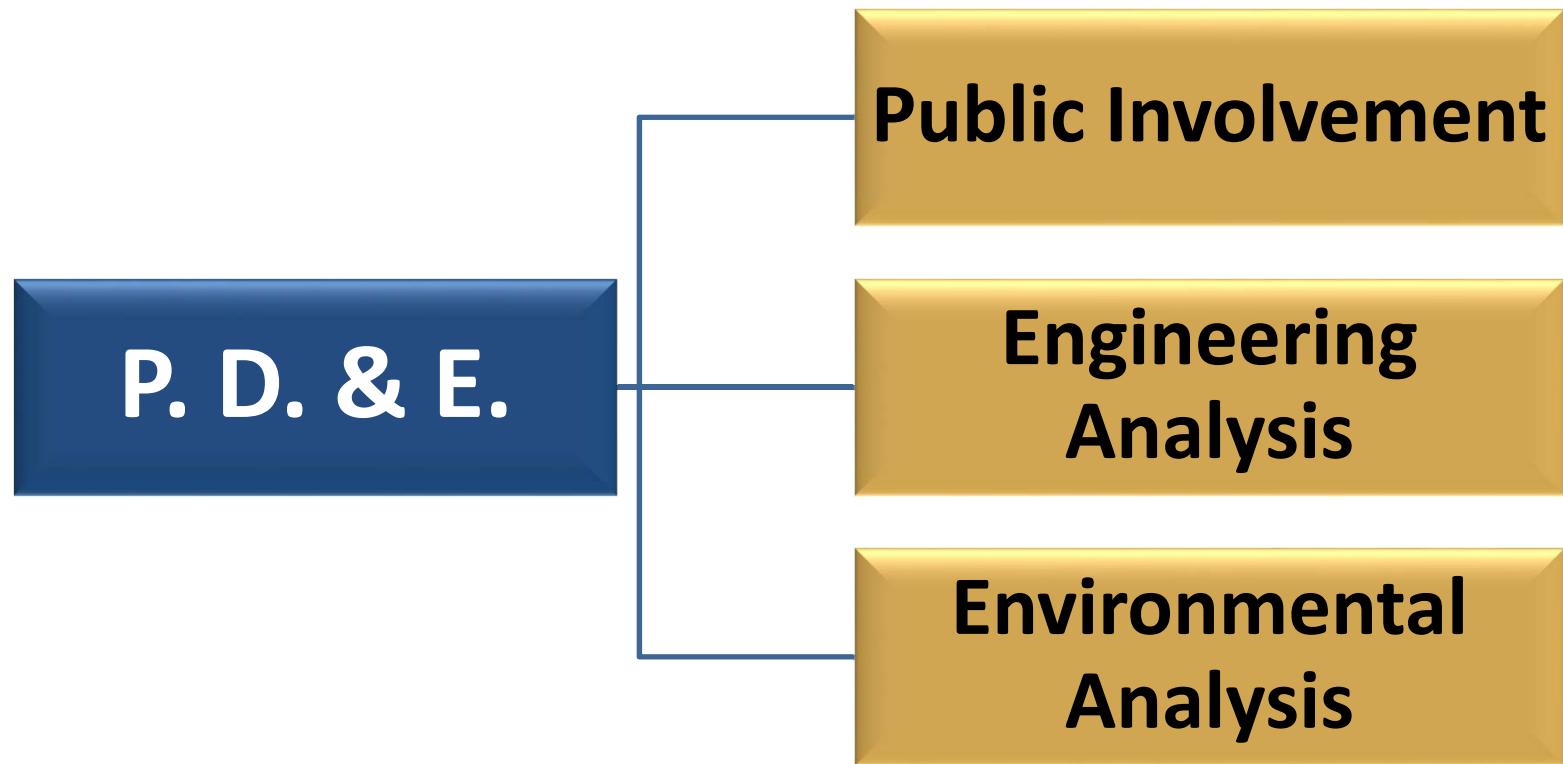
- I-95
 - Ramps at Northlake Blvd.
 - Ramp Connections to I-95 mainline
- Northlake Blvd. (CR-809A)
 - Military Trail to Sandtree and Sunrise Drives



Project Delivery Process



Project Development & Environment



Project Background

- Prior Planning Studies
 - 1 of 17 interchanges studied as part of the *I-95 Interchange Master Plan*
 - I-95 Northlake Blvd. Interchange Concept Development Report 2014

FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT FOUR

OFFICE OF PLANNING AND ENVIRONMENTAL MANAGEMENT

**I-95 (SR 9) Interchange at Northlake Boulevard
in Palm Beach County**

Interchange Concept Development Report

Prepared For:
Florida Department of Transportation, District Four
3400 W. Commercial Boulevard
Fort Lauderdale, FL 33309



I-95 Interchange Master Plan Study
Palm Beach County

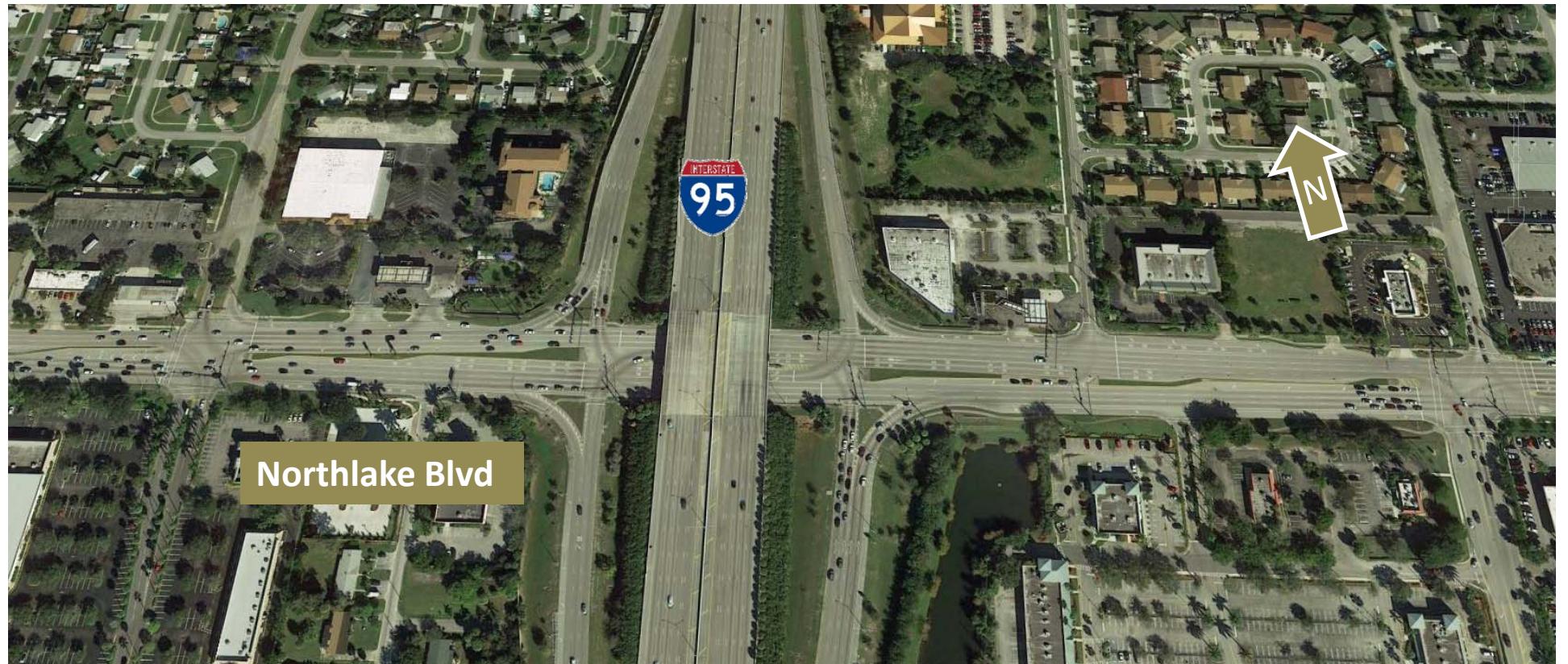


Linton Blvd. to Northlake Blvd.
FPID No. 432785-1-22-01



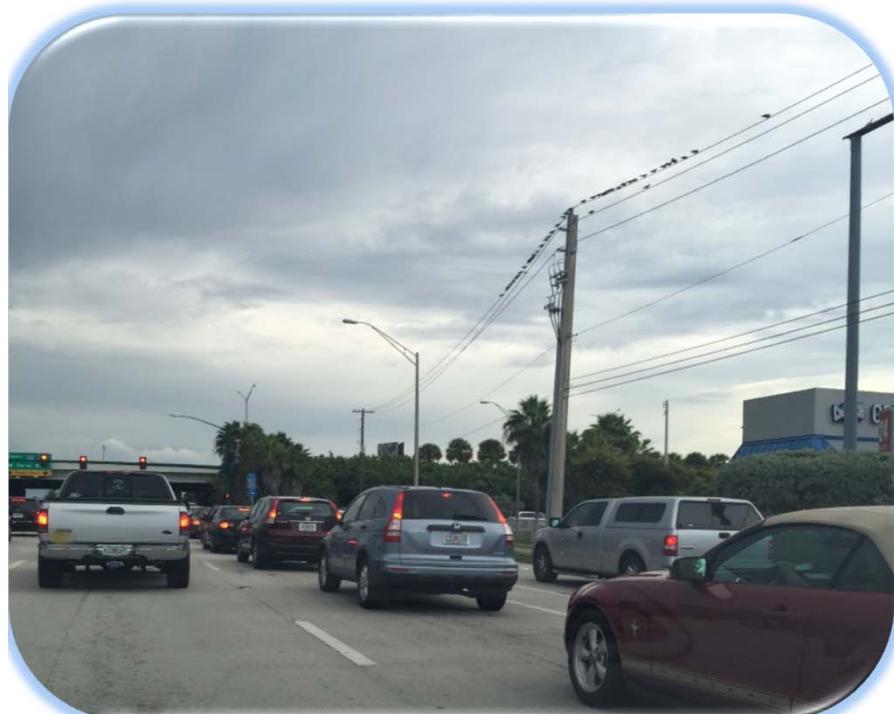
Project Description

- To improve traffic operations, safety, and reduce traffic spillback onto I-95 at the Northlake Blvd. interchange



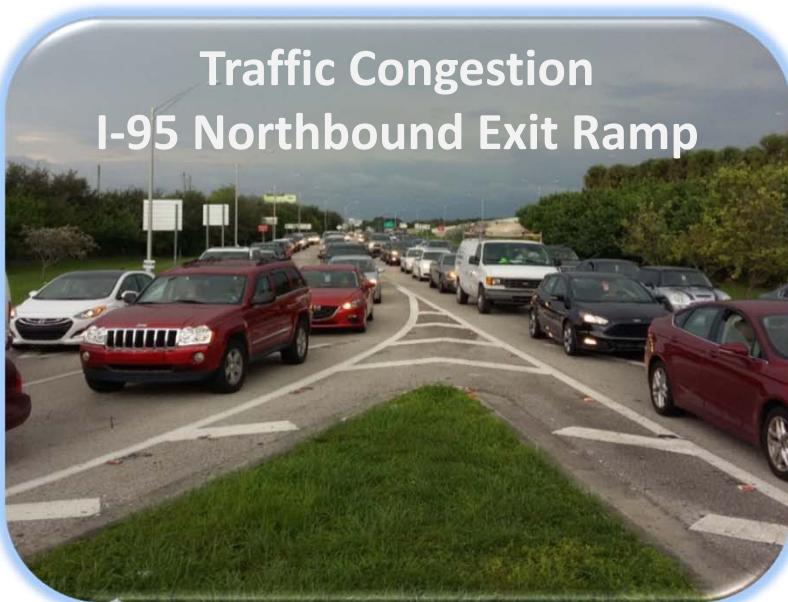
Project Purpose and Need

- Identify I-95 exit and entrance ramp improvements to improve traffic flow on I-95 and Northlake Blvd.
- To address the existing traffic congestion and crash history
- To meet the future traffic needs through the year 2040



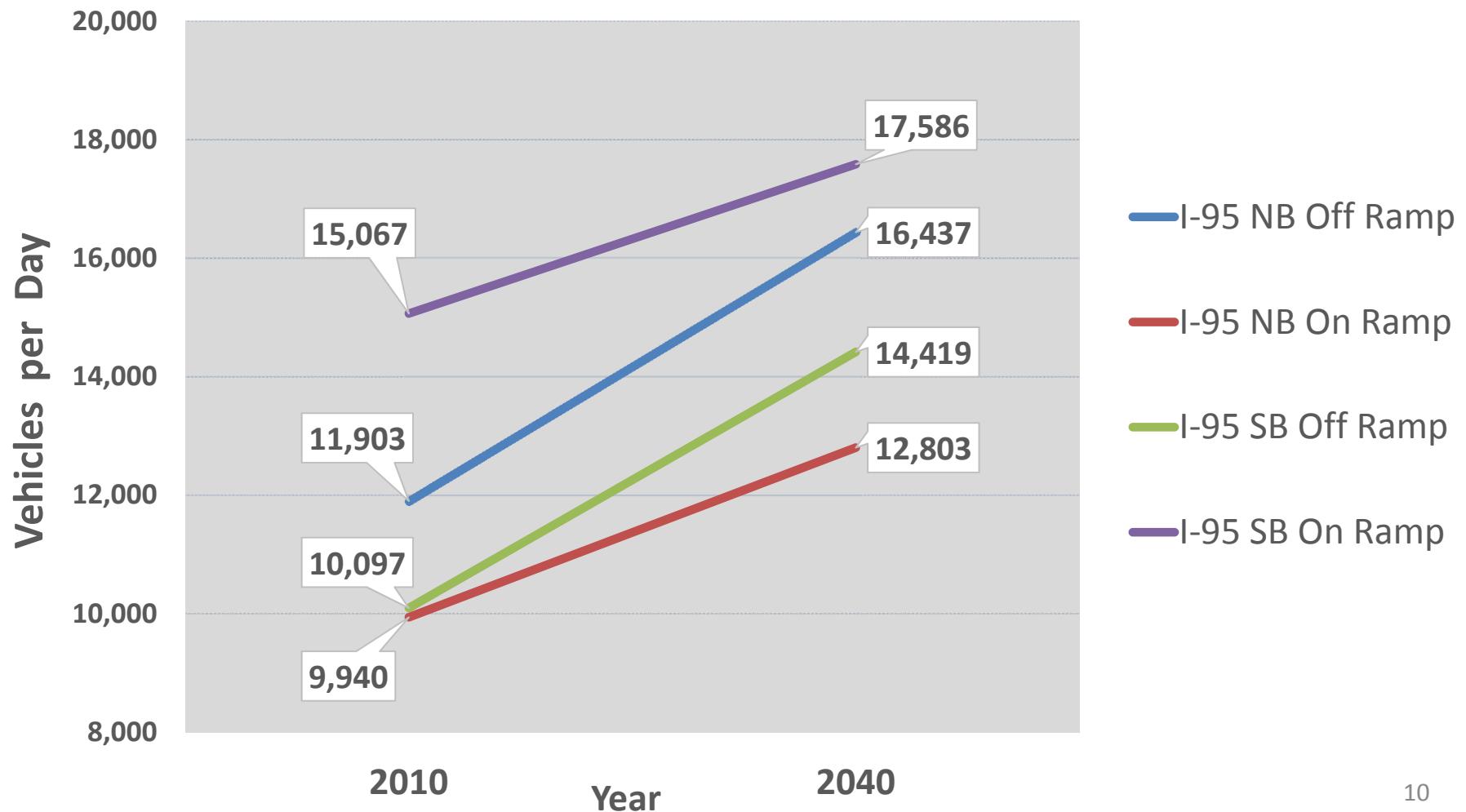
Project Purpose and Need

- Heavy traffic congestion at the I-95 Ramps and along Northlake Blvd (September 2015)



Future Traffic Growth I-95 Ramps at Northlake Blvd.

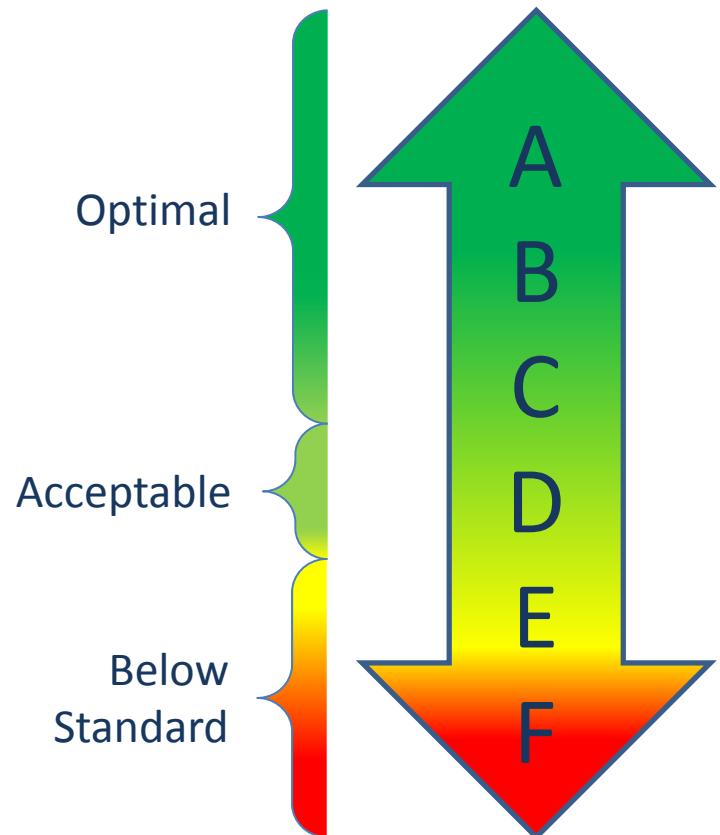
30 Year Traffic Growth at I-95 Northlake Blvd Ramps



What is Level of Service?

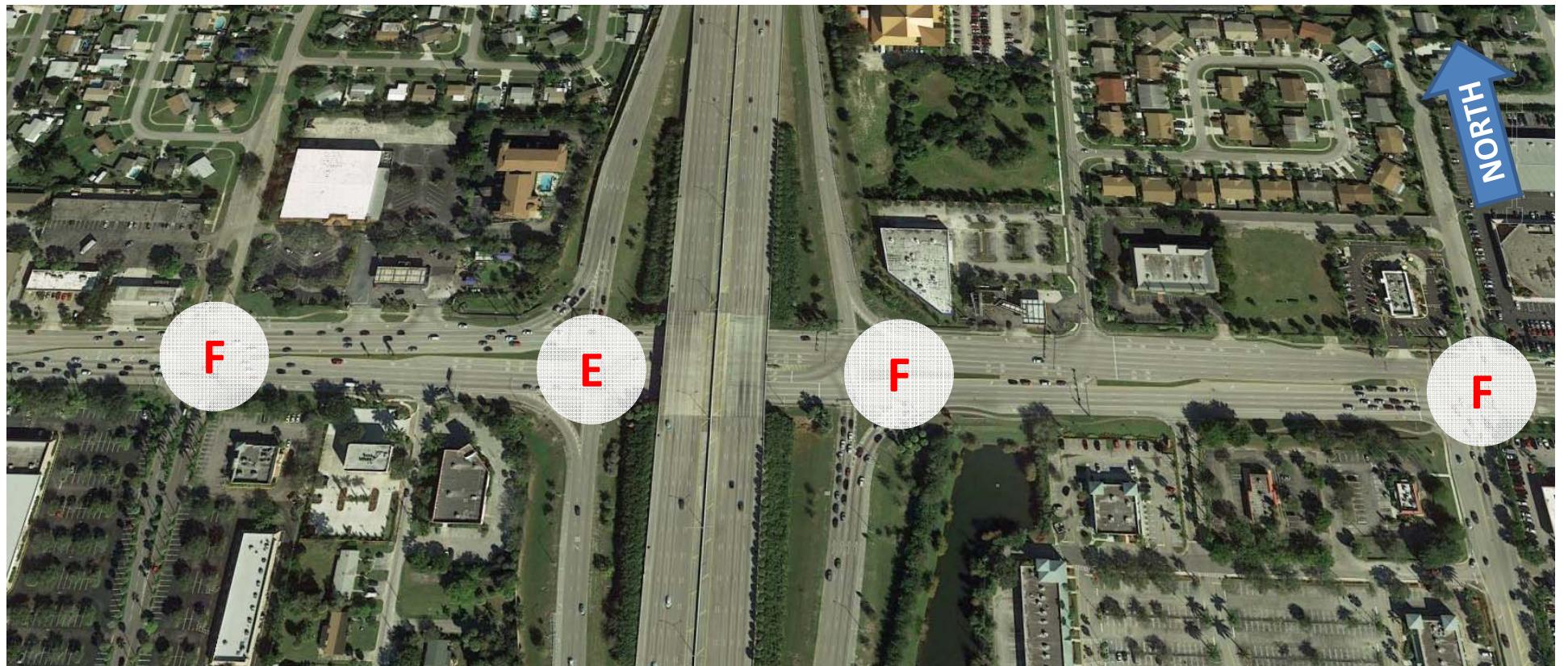
- **Level of Service (LOS)**
 - A standard measurement, based on vehicle delay and speed, which reflects the relative ease of traffic flow on a scale of A to F
- LOS “A”: free-flow traffic
- LOS “F”: highly congested traffic conditions

Level of Service



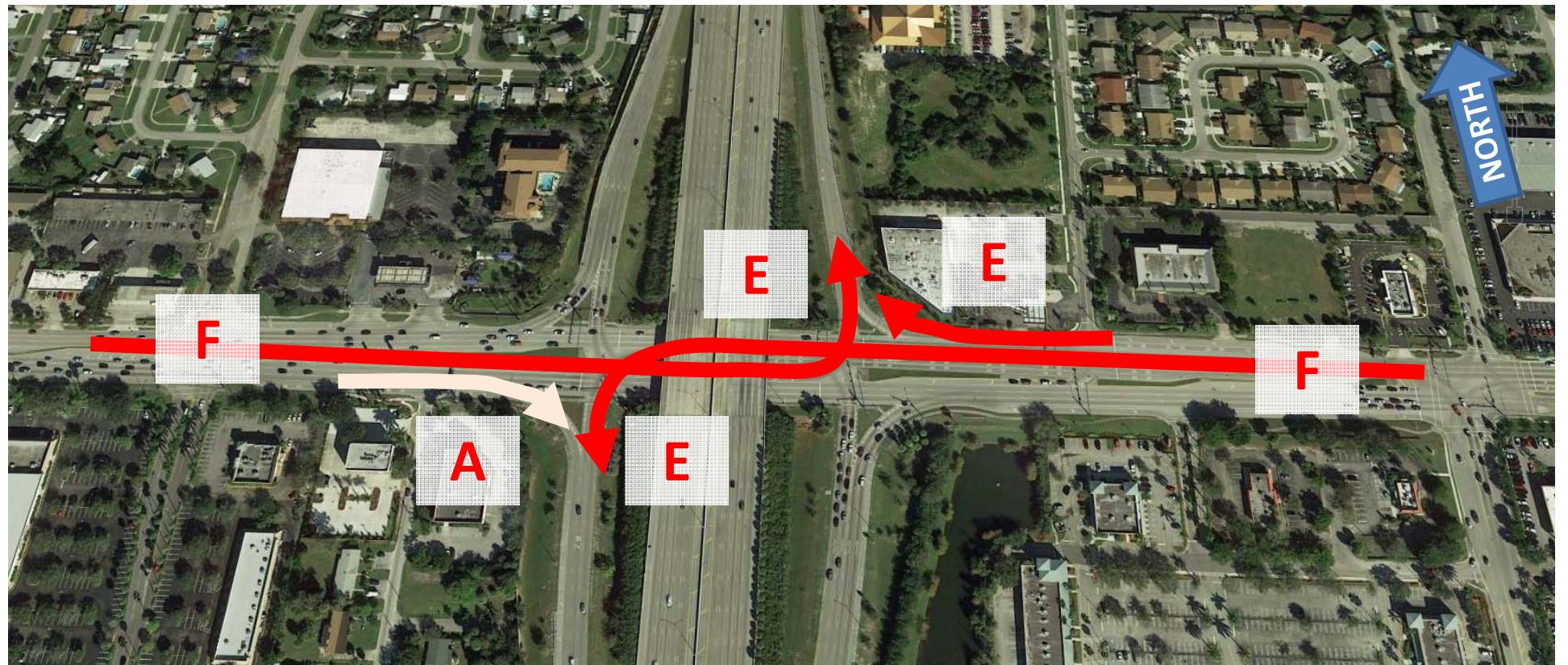
Congestion Without Improvement Northlake Blvd Intersections

Level of Service 2040 (Intersection Performance)



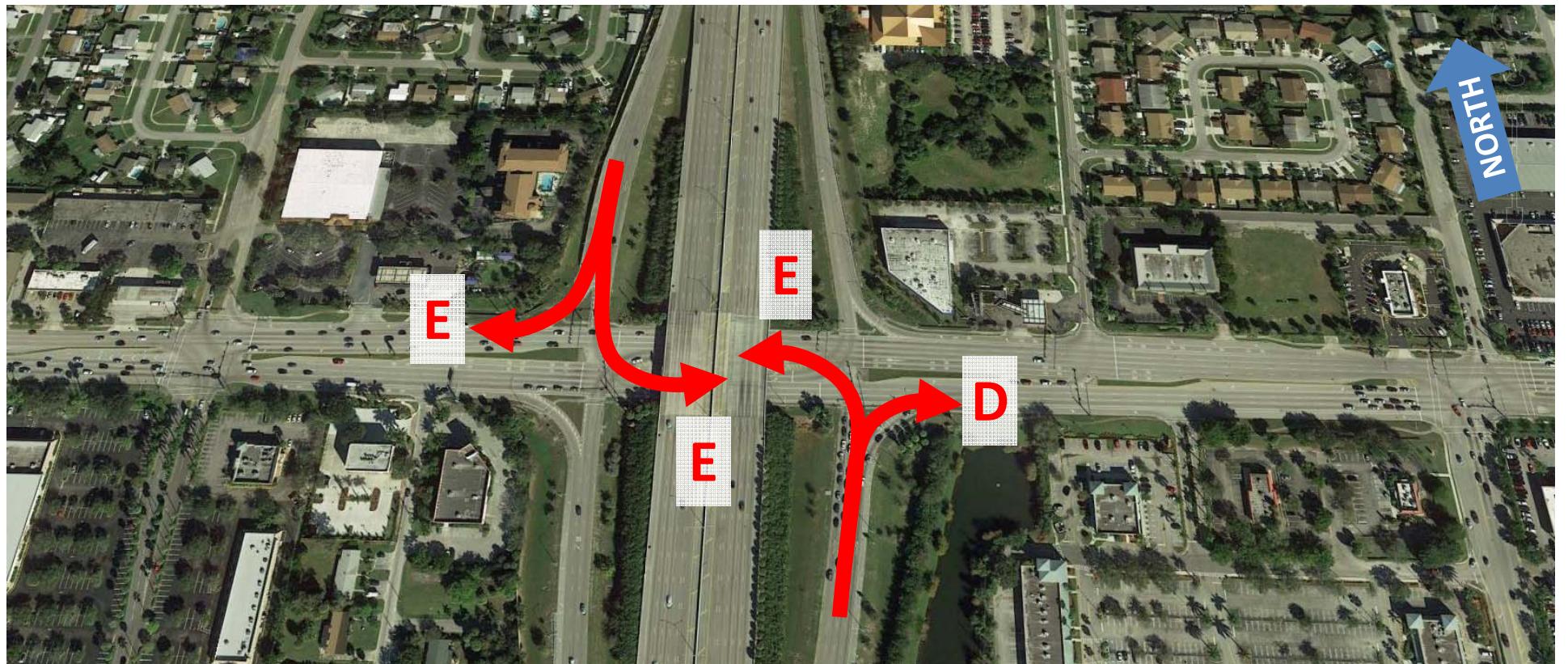
Congestion Without Improvement I-95 Entrance Ramps

Level of Service 2040



Congestion Without Improvement I-95 Exit Ramps

Level of Service 2040

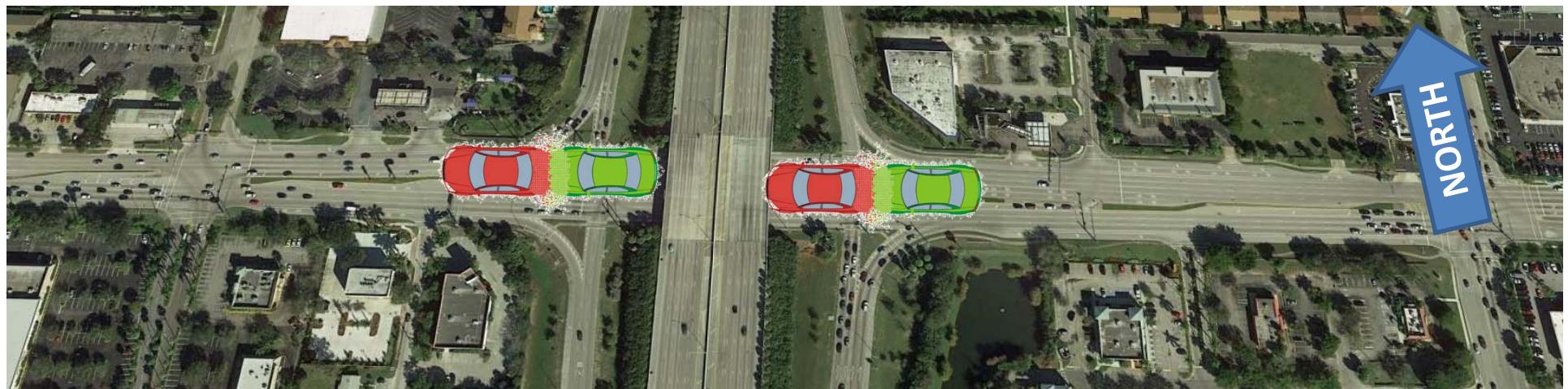


3 Year Ramp Terminal Crash History

- I-95 Northlake Blvd Ramps
 - Total of 153 Crashes in 3 years*
 - Average 51 crashes a year
 - I-95 Northbound Off Ramp was on the statewide high crash list in 2010*
 - 54% are **rear-end** crashes*

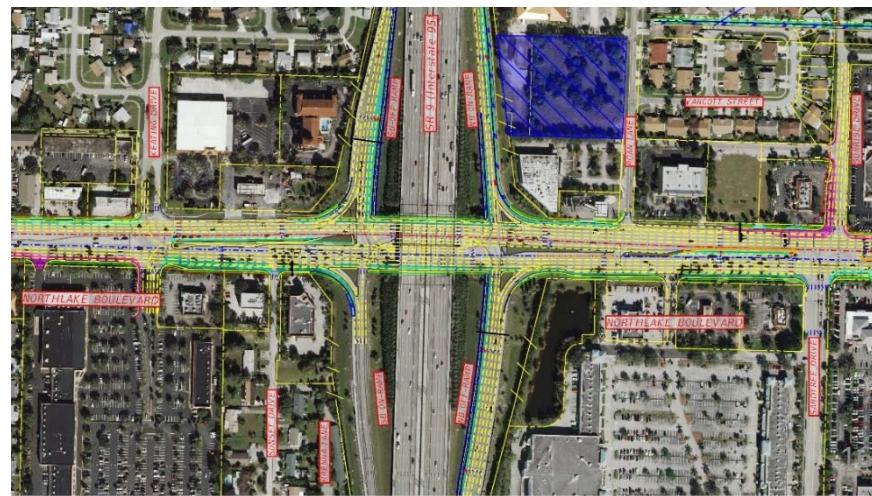
*Reference: ETDM Summary Report, 5/27/2015

Year	Number of Crashes
2010	51
2011	54
2012	48
Total	153



PD&E Study Alternatives

- No Build
 - Serves as a baseline for comparison of the Build Alternatives
- TSM&O
 - Transportation System Management & Operations improvements
 - Minor short term improvements
- Build Alternatives
 - Concepts from 2014 Interchange Concept Report
 - Diverging Diamond Interchange
 - Third Level Flyover Concept



Agency Coordination

- Coordination
 - Palm Beach Metropolitan Planning Association (MPO)
 - Palm Beach County Engineering and Public Works
 - Palm Tran
 - Florida Department of Environmental Protection (FDEP)
 - Florida Department of State Historical Resources
 - South Florida Water Management District (SFWMD)
 - City of Palm Beach Gardens
 - US Fish and Wildlife Service
 - Federal Highway Administration



ETDM Agency Screening

Efficient Transportation Decision Making

- Conducted by Federal, State and Local Agencies 2015
- ETDM Website: <https://etdmpub.fla-etat.org/est/>

LEGEND		Social and Economic						Cultural		Natural			Physical		
N/A	Not Applicable														
0	None														
1	Enhanced														
2	Minimal														
3	Moderate														
4	Substantial														
5	Potential Dispute or Resolution Dispute														
No ETAT Consensus															
No ETAT Reviews															
Land Use Changes	Social	Relocation Potential	Farmlands	Aesthetic Effects	Economic	Mobility	Section 4(f) Potential	Historic and Archaeological Sites	Recreation Areas	Wetlands	Water Quality and Quantity	Floodplains	Wildlife and Habitat	Coastal and Marine	
3	2	3	0	2	2	1	2	3	2	3	2	0	2	0	
Noise	Air Quality	Contamination	Infrastructure	Navigation	Special Designations										
2	2	4	2	N/A	0										

Environmental Evaluation Areas

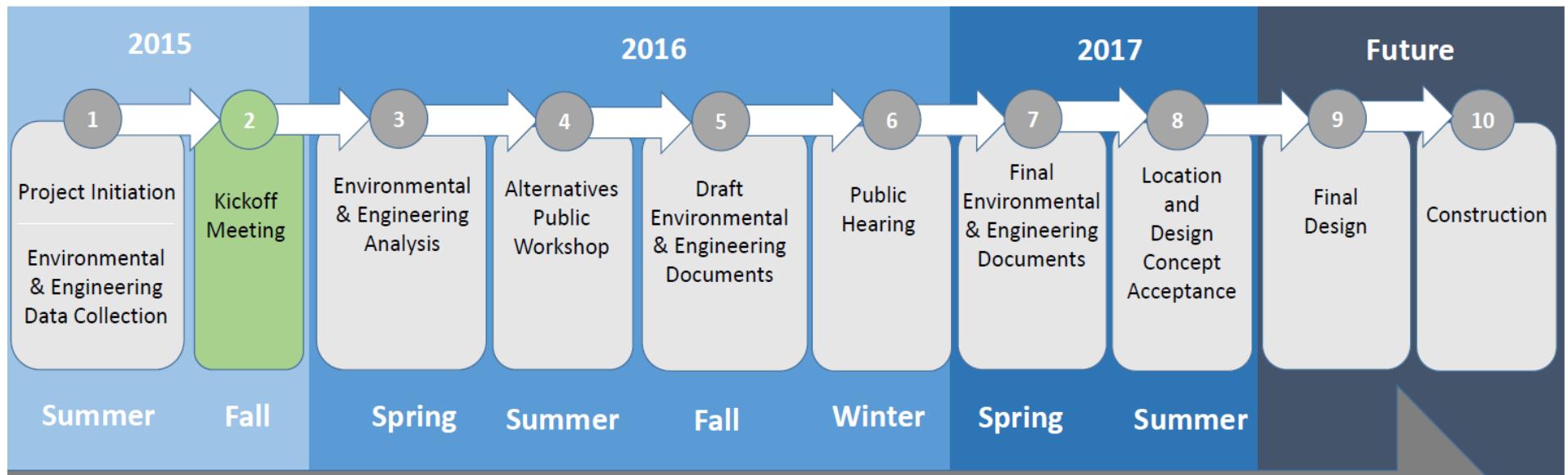
- **Water Quality**
 - Provide stormwater quality improvement
- **Wetlands and Protected Species**
 - Evaluate and minimize impacts to wetlands and protected species
- **Contamination**
 - Potentially contaminated sites will be evaluated
- **Aesthetics**
 - Evaluate the visual effects

Environmental Evaluation Areas

- **Noise & Air Quality**
 - An impact study will be conducted along the project corridor to evaluate existing and future noise levels and air quality effects
- **Social, Cultural, Historic & Archaeological Resources:**
 - An inventory and assessment of resources will be evaluated for National Registrar of Historic Places (NRHP) eligibility
 - Coordination with the Florida Department of State Historical Resources

Project Schedule

- Begin Study June 2015
- Estimated FHWA approval by July 2017



Community Outreach

A continuous community outreach process is integrated into every step of the project to ensure that the corridor residents, businesses, the traveling public and other interested parties have meaningful participation in the process.

Community Public Involvement

- Many Opportunities For Public Comments
- Coordination With Local Communities
- 3 Public Meetings
 - Kickoff Meeting
 - Public Workshop
 - Public Hearing
- Website
<http://www.95northlake.com>



A screenshot of the Florida Department of Transportation (FDOT) website. The header features the FDOT logo with the text "Centennial 1915-2015" and "Florida Department of TRANSPORTATION". The main navigation menu includes Home, About FDOT, Contact Us, Maps & Data, Offices, Performance, and Projects. A search bar is also present. Below the header, a section titled "I-95 at the Northlake Boulevard Interchange Project Development and Environment (PD&E) Study" is displayed. This section includes contact information for the District Office (Gerry O'Reilly, District Four Secretary), address (3400 W Commercial Blvd, Fort Lauderdale, FL 33309), phone numbers (Tel: 954-777-4091, Fax: 954-777-4191), and links to "Additional Contacts" and "Staff Directory". To the right, there is a photograph of a multi-lane highway interchange with traffic. At the bottom, there are sections for "Study Resources" (links to "About the Study" and "Documents & Publications") and "Welcome", which provides a brief overview of the project's scope and purpose.

Contact Us

To submit comments or for more information regarding the
SR 9/ I-95 at Northlake Blvd Interchange PD&E Study
please contact:

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Visit the Project Website
<http://www.95northlake.com>

Thank You!

