

ALTERNATIVES PUBLIC MEETING

June 17, 2014



“BEYOND I-4 ULTIMATE”

PD&E REEVALUATION STUDY

From West of CR 532 (Polk/Osceola County Line)
to West of SR 528 (Beachline Expressway)

Osceola and Orange Counties

FPID: 432100-1-22-01



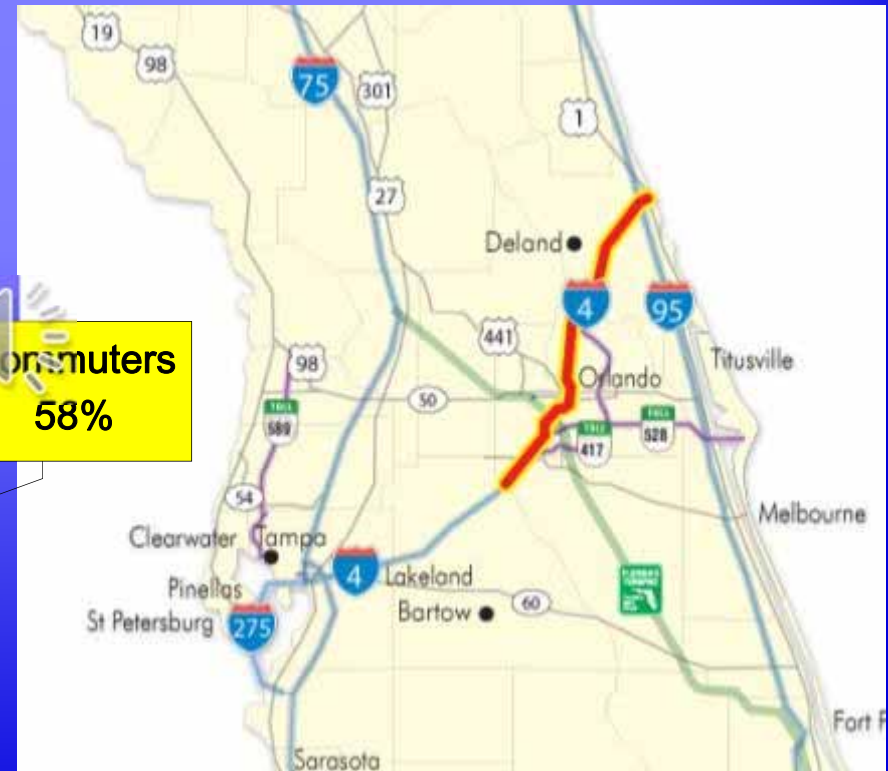
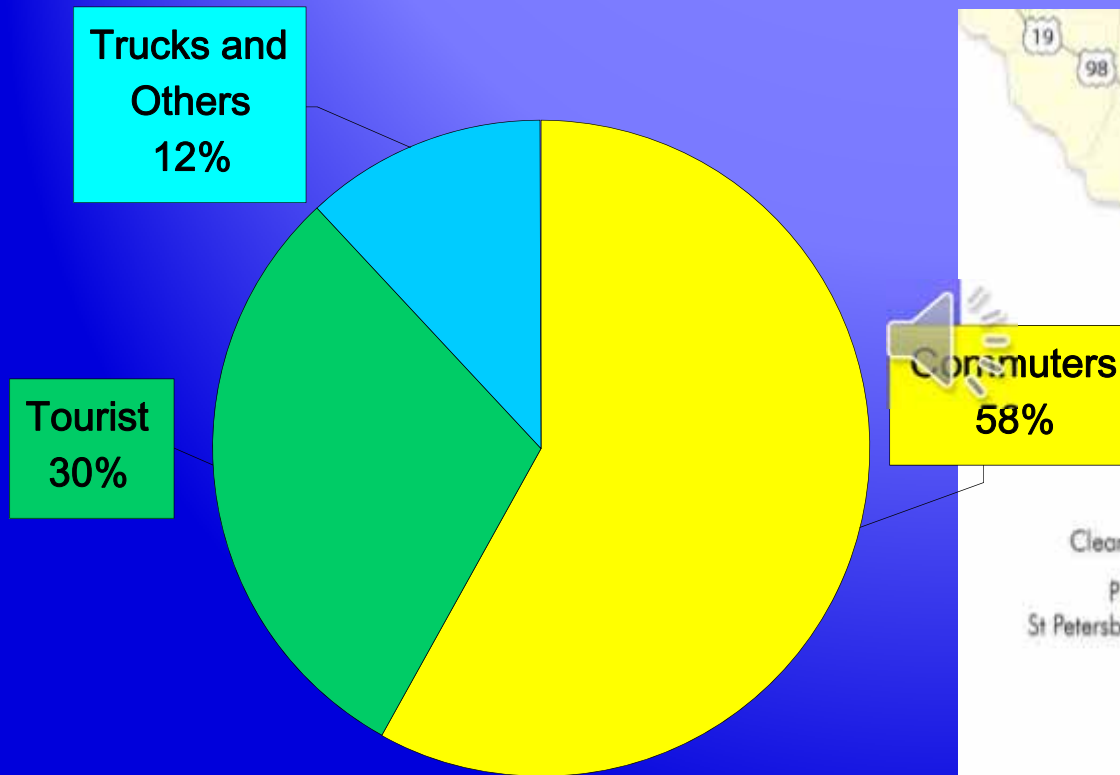


"I-4 Beyond the Ultimate" PD&E Reevaluation Study

From west of CR 532 (Polk/Osceola County Line)
to west of SR 528 (Beachline Expressway)

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Central Florida I-4 Facts



- 73 Miles from Polk-Osceola County Line to I-95 in Volusia County
- 1.5 Million Average Daily Trips





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Cost of Congestion

Time is money, the cost of congestion:

- 1.5 Million average daily trips on 73 miles of I-4 from Polk County Line to I-95
- Traffic Delays Add 55/38 Hours to Each Traveler’s Drive Time Each Year
- National Average for Cities the Size of Orlando is 37 Additional Hours
- Orlando is the 15th most congested city in America
- Cost of Congestion in the Central Florida area is \$643/\$811 Million Per Year

Source: Texas Transportation Institute - 2005/2010 Urban Mobility Report



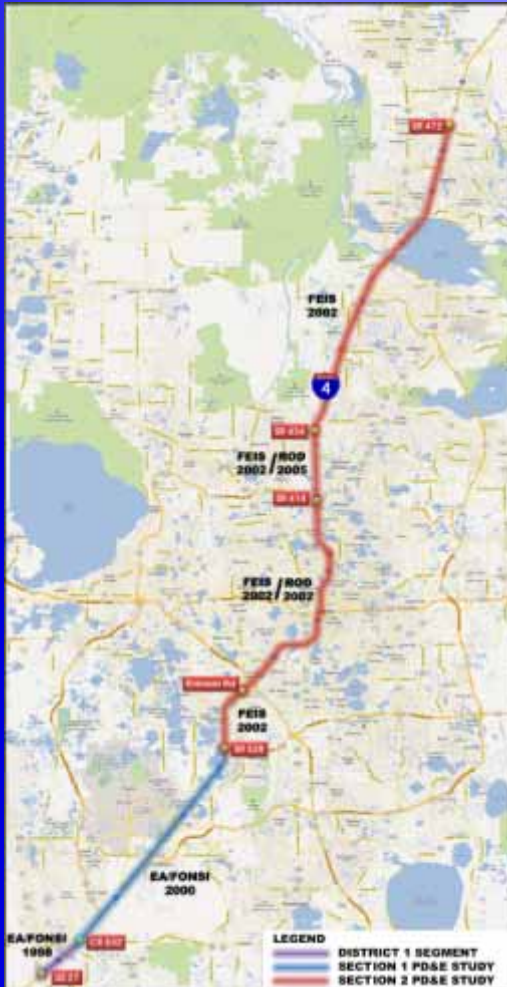


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Study Background



- Studies from US 27 to SR 472 previously completed
- SR 435 (Kirkman Road) to SR 434
 - Received Federal Highway approval
- I-4 Ultimate Section





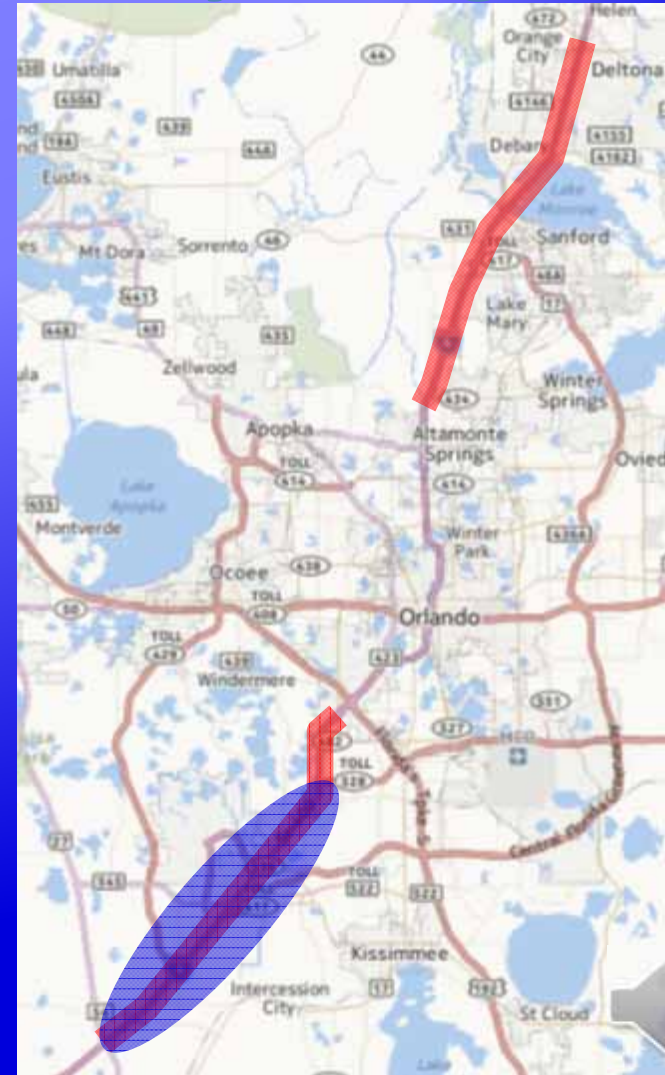
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Study Background

- Segment 1
 - CR 532 (Polk/Osceola County Line) to SR 528 (Beachline Expressway)
- Segment 2
 - SR 528 (Beachline Expressway) to SR 435 (Kirkman Road)
- Segment 3
 - SR 434 to US 17-92
- Segment 4
 - US 17-92 to SR 472
- Segment 5
 - US 27 to CR 532 (Polk/Osceola County Line)





"I-4 Beyond the Ultimate" PD&E Reevaluation Study

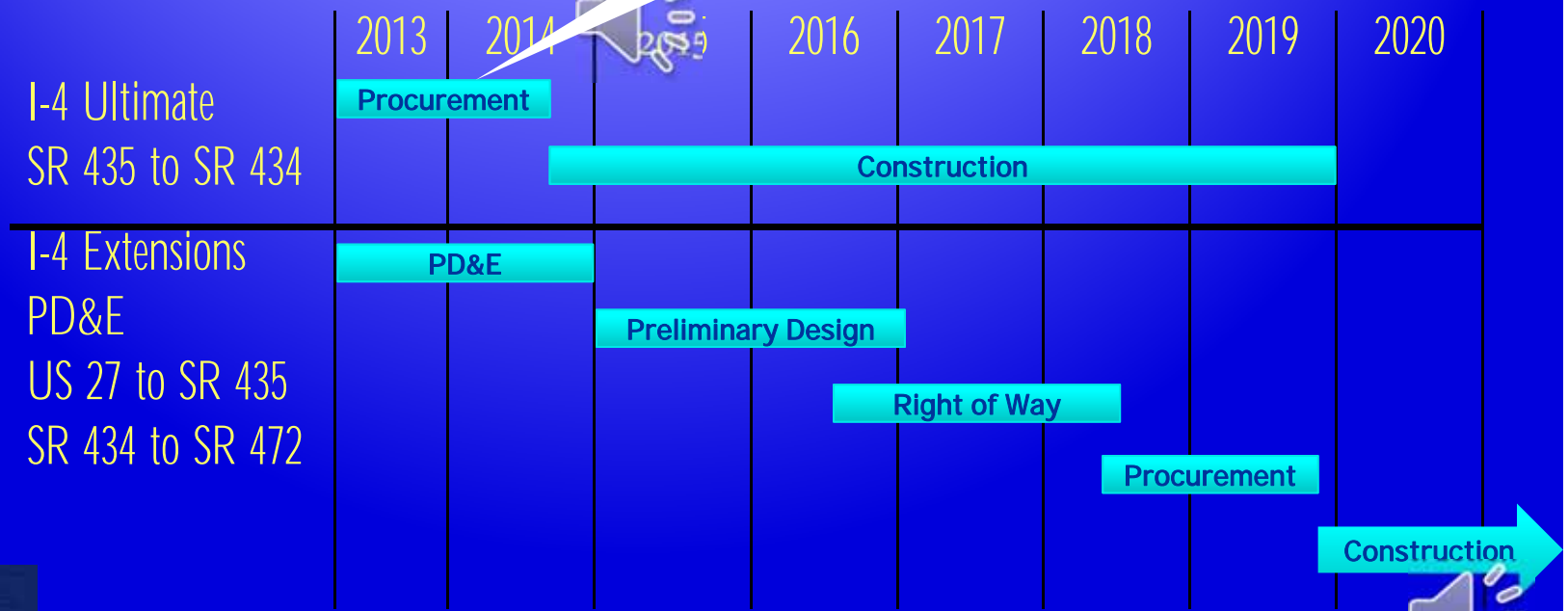
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Overall Schedule

On April 24, 2014 FDOT selected the I-4 Mobility Partners team for the I-4 Ultimate Project





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Purpose and Need

- Match the I-4 Ultimate section
 - Previous studies evaluated two HOV lanes
 - Environmental aspects need to be reevaluated
 - New pond locations
 - Noise Walls





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Purpose and Need

- The PD&E Reevaluation will address
 - Express Lanes
 - Access Modifications
 - Environmental
 - Engineering
 - Public Involvement
 - R/W Evaluation





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Environmental

- Physical Environment
 - Noise
 - Contamination
 - Cultural Resources
 - Natural Environment 
 - Wetlands
 - Threatened and Endangered Species
- Social Issues





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Engineering

- Traffic
- Geometry
- Structures
- Drainage
- Constructability



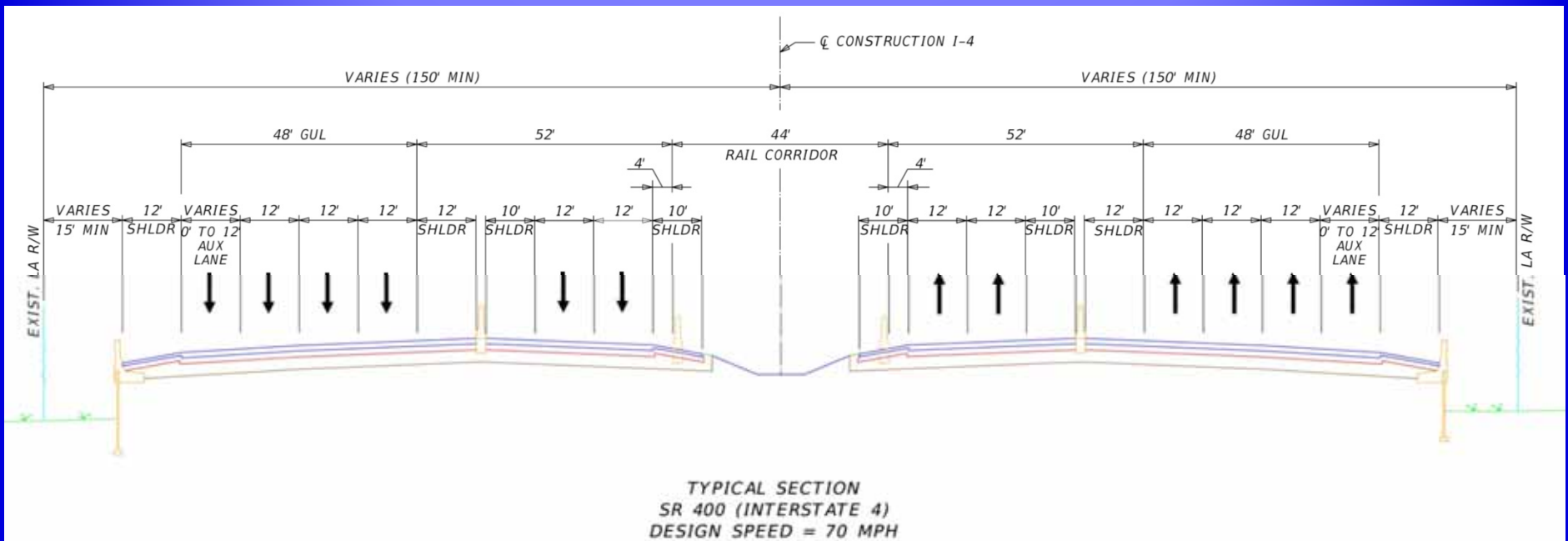


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Proposed Typical Section






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Overview of Express Lanes

- Express Lanes are an innovative solution to manage traffic congestion and provide choices for travelers
- Variable toll pricing based on the level of congestion in the adjacent non-tolled general purpose lanes
 - Means the toll goes up or down depending on the traffic volume 
 - The toll will be higher during peak periods when demand is greater and lower during non-peak periods when the demand is less
 - Congestion pricing helps maintain traffic flowing freely by monitoring the number of vehicles using the express lanes
- Provides more reliable travel options for motorists.





"I-4 Beyond the Ultimate" PD&E Reevaluation Study

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Development of Alternatives

- Practical design solutions
- Traffic operations
- Minimize right of way impacts
- Consistent with core section
- Ponds 
- Addresses environmental impacts
- Business rule variables for express lanes
 - Interchanges direct access
 - Slip ramps
 - Conceptual signing plan



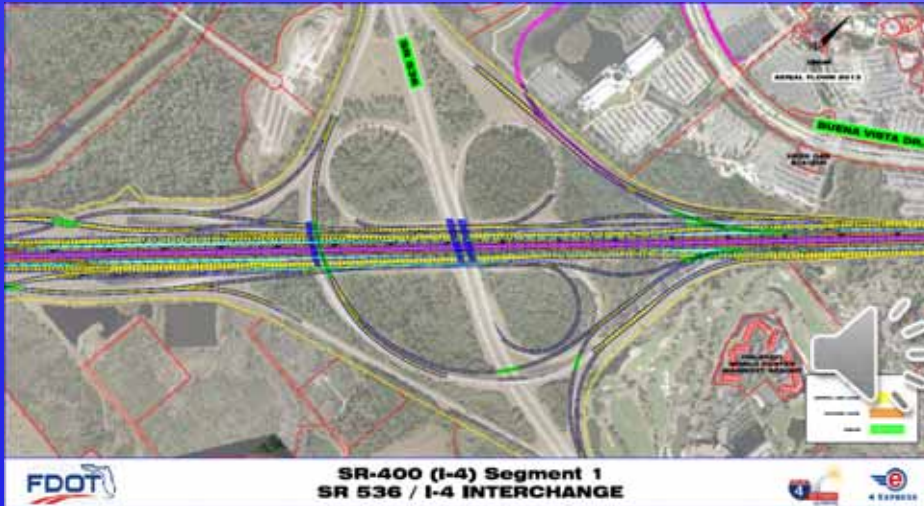


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Development of Alternatives





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Preliminary Drainage Analysis

- Multiple Ponds per Drainage Basin
- Pond Location Evaluation Measures
 - Constructability
 - Maintainability
 - Environmental
 - Cultural
 - Contamination
 - Right-of-Way Costs
 - Utility
- No Preferred Sites Selected
- Early agency coordination avoids surprises





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Public Involvement-Provide Your Input

- Fill out comment form at tonight’s meeting
- Go to the study website – www.i4express.com
- Email your comments: Beata.stys-palasz@dot.state.fl.us
- Mail your comments
- We are also available for small group meetings



FDOT "BEYOND THE ULTIMATE" PD&E REEVALUATION STUDY FROM THE POLK/OSCEOLA COUNTY LINE TO SR 528
FPID: 432100-1-22-01

Please provide your comments below. If more space is needed, please use an additional sheet of paper. You may place your comments in the "Comment Box" provided at the meeting, or send to the address below. Comments are also acceptable through the project website. Written comments, exhibits and/or statements must be postmarked or e-mailed no later than July 1, 2014.

PLEASE RETURN COMMENTS TO:
Beata Stys-Palasz, P.E., Project Manager
Florida Department of Transportation - District Five
Florida Department of Transportation
718 E. Woodland Boulevard
Tallahassee, Florida 32309

(352) 943-3434
Toll Free: 1-800-790-7122
Beata.Stys-Palasz@dot.state.fl.us
www.i4express.com

Name _____
Address _____
Phone Number _____
Email _____

ALTERNATIVES PUBLIC MEETING JUNE 17, 2014





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Study Schedule

Public Involvement Activities	2013			2014			2015	
	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter
Public Involvement Plan	●		🔊					
Website	▬							
SECTION 1 (CR 532 to SR 528)								
Alternatives Public Meeting					★			
Public Hearing							★	
LDCA								🎯






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Next Steps

- Further refine and evaluate alternatives based on input received
- Public Hearing
- Complete environmental  and engineering documents
- Location design concept approval (LDCA) from Federal Highway





ALTERNATIVES PUBLIC MEETING

June 17, 2014

THANK YOU FOR ATTENDING!

For additional information, please contact:

Beata Styś-Palasz, P.E.

FDOT Project Manager
Florida Department of Transportation
District Five
719 South Woodland Boulevard
DeLand, FL 32720
Beata.stys-palasz@dot.state.fl.us
(386) 943-5418



Colleen Jarrell, P.E.

Consultant Public Information Liaison
HNTB Corporation
610 Crescent Executive Ct., Suite 400
Lake Mary, FL 32746
cjarrell@hntb.com
(800) 889-8237



www.i4express.com



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