

ALTERNATIVES PUBLIC MEETING

April 24, 2014



**“I-4 BEYOND the ULTIMATE”
PD&E REEVALUATION STUDY
From east of US 17-92 to east of SR 472
Volusia County
FPID: 432100-1-22-01**





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

From east of US 17-92 to east of SR 472

FPID: 432100-1-22-01

Title VI Compliance

This meeting is being conducted without regard to race, color, national origin, age, sex, religion, disability or family status. Persons wishing to express their concerns relative to FDOT compliance with Title VI may do so by contacting the FDOT, District Five, Title VI Coordinator Jennifer Taylor, 719 South Woodland Boulevard, Deland, Florida 32720 or the FDOT Statewide Title VI coordinator Jaqueline Paramore, 605 Suwannee Street, Mail Station 65, Tallahassee, FL 32399-0450. All inquiries or complaints will be handled according to FDOT procedure and in a prompt and courteous manner.





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

From east of US 17-92 to east of SR 472

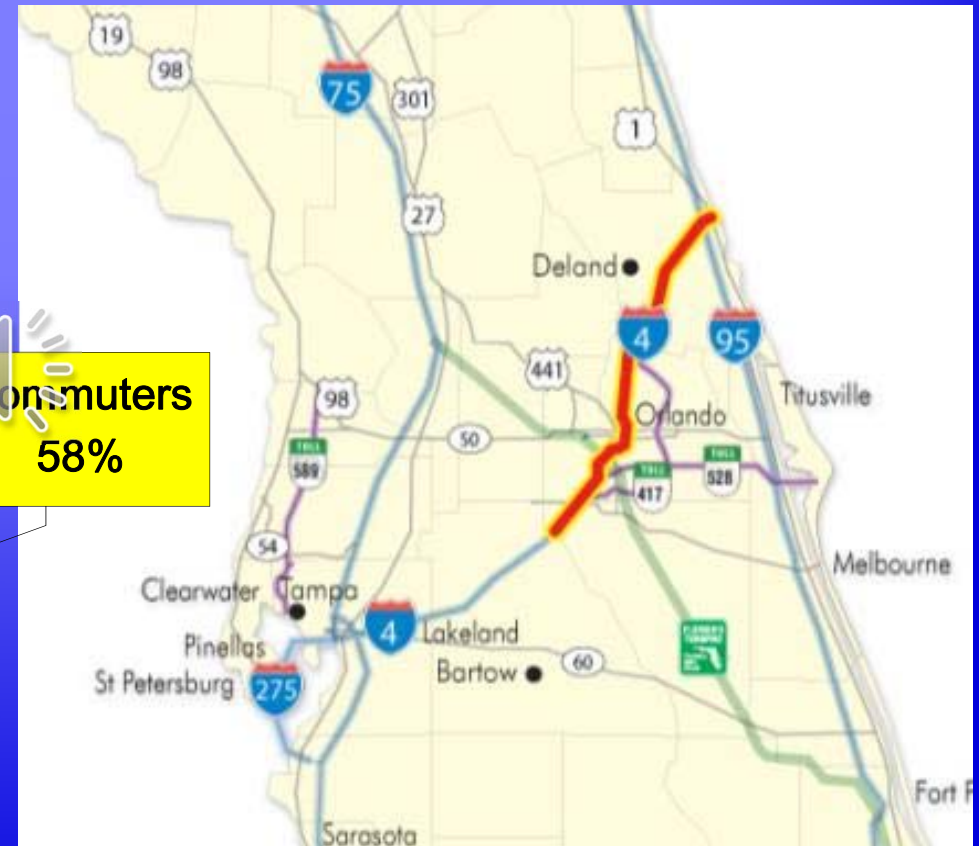
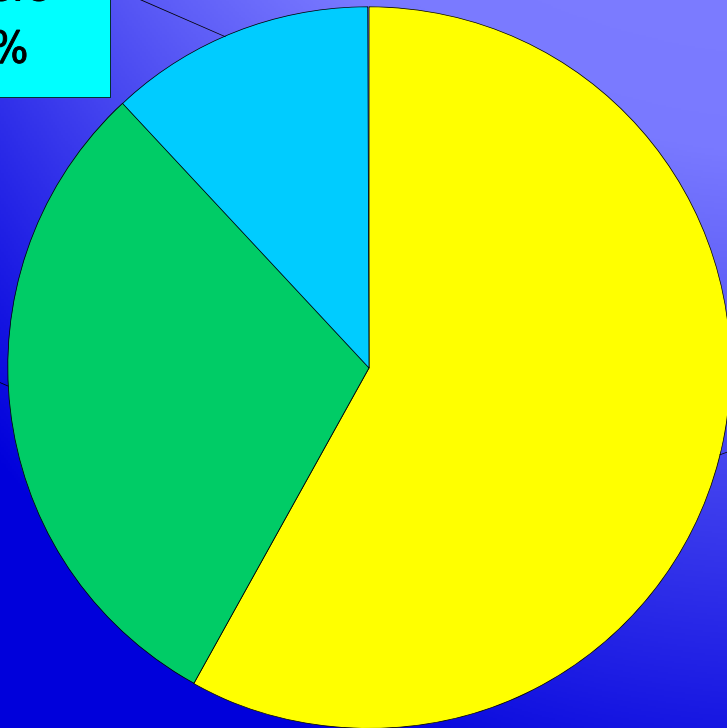
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Central Florida I-4 Facts

Trucks and
Others
12%

Tourist
30%

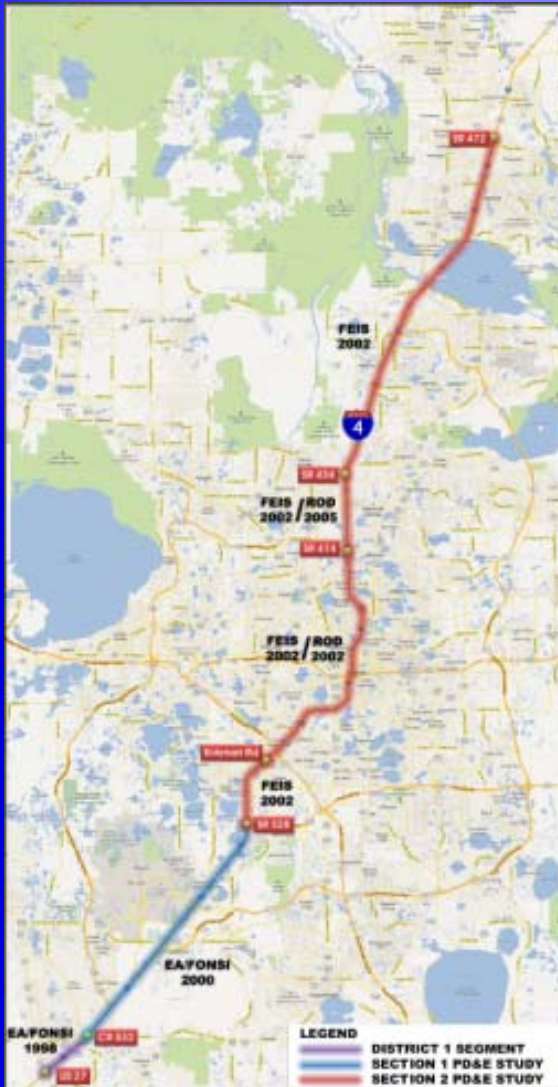
Commuters
58%



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



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



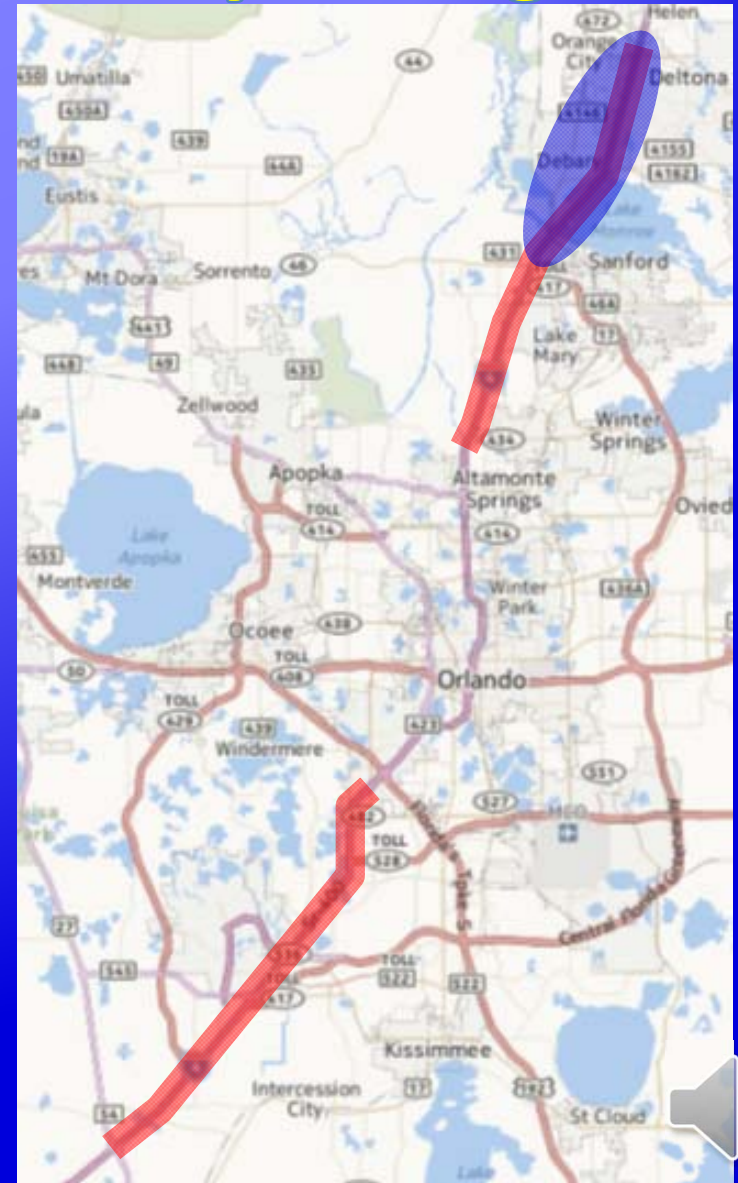
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Study Background

- 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)

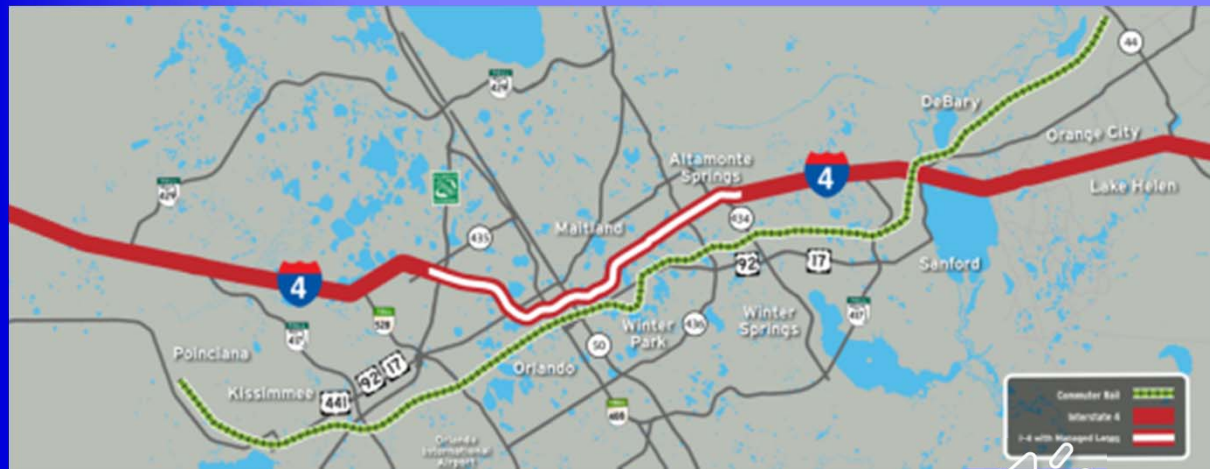




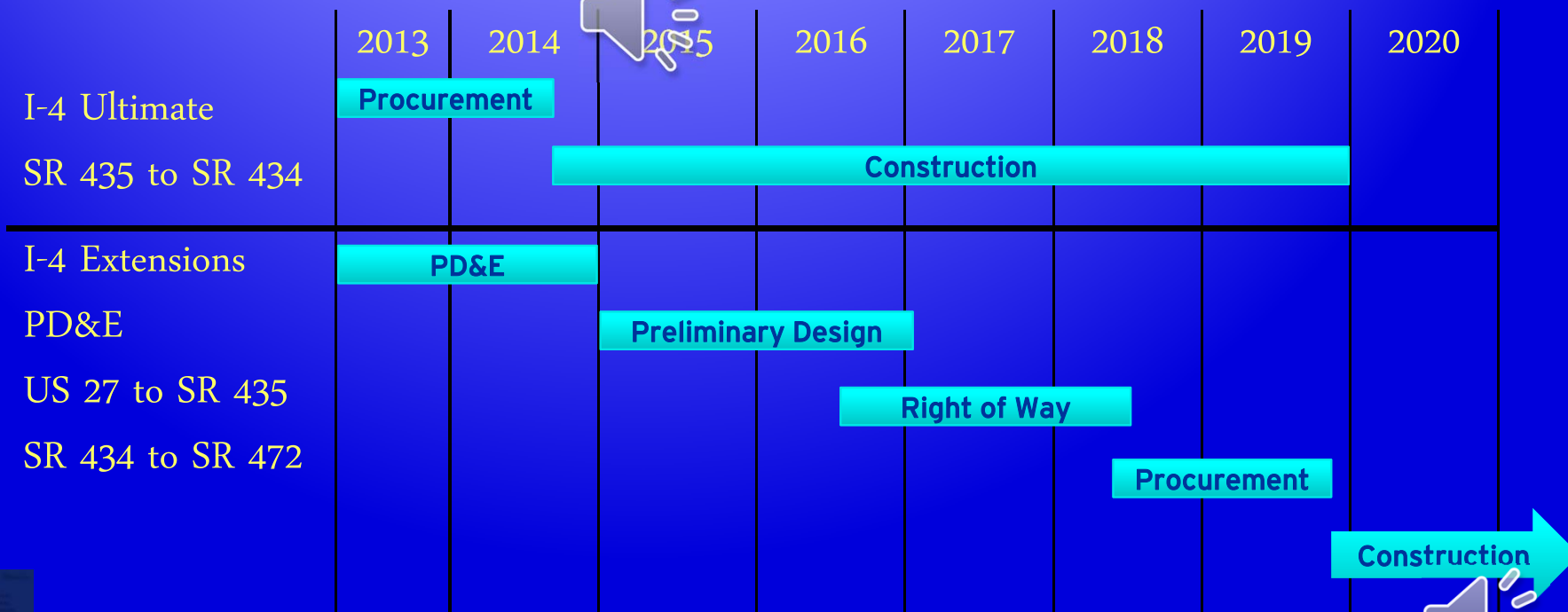
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Overall Schedule





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

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Purpose and Need

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



Purpose and Need

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



Environmental

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





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Padgett Creek

- Water Quality
- EFH Classification
- Restoration of Wetlands
- Addition of Culverts





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Engineering

- Traffic
- Geometry
- Structures
- Drainage
- Constructability



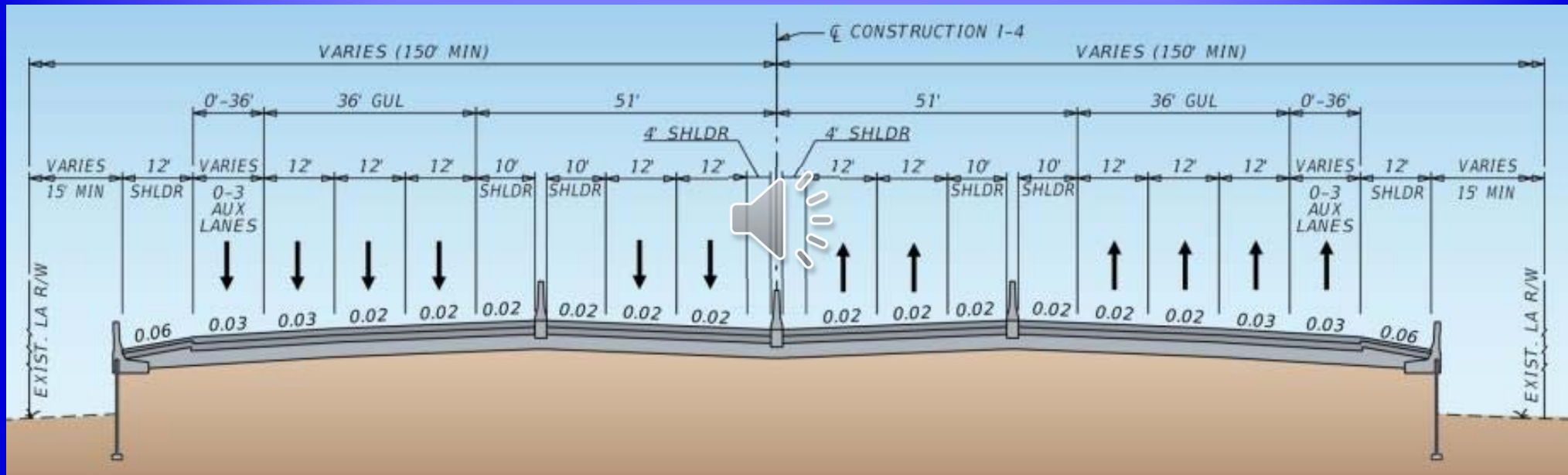


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Proposed Typical Section



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.

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



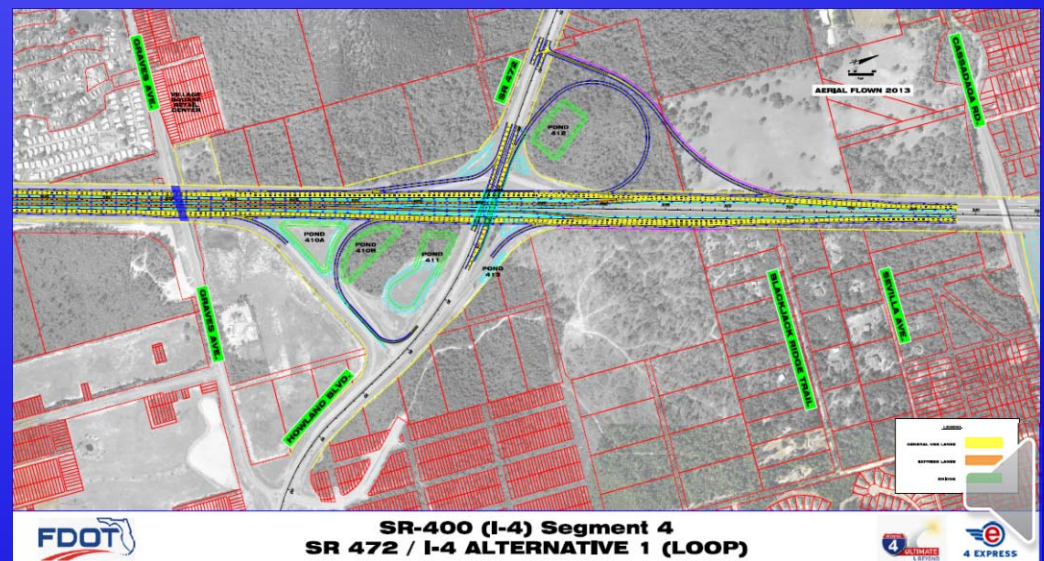
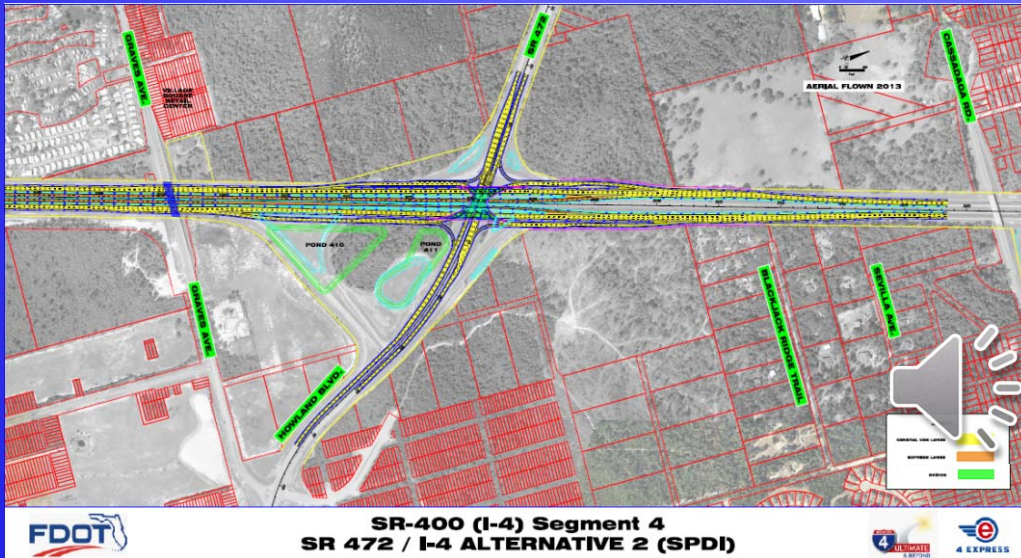


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Development of Alternatives





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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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Alternatives Evaluation

Summary of Impacts	Mainline	Dirksen Drive Interchange		Saxon Boulevard Interchange			SR 472 Interchange		
		Alt. 1	Alt. 2	Alt. 1	Alt. 2	Alt. 3	Alt. 1	Alt. 2	Alt. 3
Roadway R/W Area	0.00 acres	0.00 acres	0.19 acres	0.29 acres	0.00 acres	12.96 acres	27.26 acres	2.20 acres	0.53 acres
Pond R/W Area	0.00 acres	No Add'l ROW	No Add'l ROW	No Add'l ROW	No Add'l ROW	11.30 acres	No Add'l ROW	No Add'l ROW	No Add'l ROW
Wetland Impacts	0.00 acres	None	None	None	None	None	None	None	None
Bridges (Area)	256,216 sq ft	70,043 sq ft	72,659 sq ft	25,570 sq ft	42,799 sq ft	44,729 sq ft	33,672 sq ft	71,448 sq ft	38,131 sq ft
Construction Costs	\$271M	\$25M	\$27M	\$13M	\$21M	\$26M	\$16M	\$30M	\$16M





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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 I-4 ULTIMATE" PD&E REEVALUATION STUDY FROM THE EAST OF US 17-92 TO EAST OF SR 472 FPID: 432100-1-22-01

INTERSTATE 4 BEYOND the ULTIMATE

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 May 8, 2014.

PLEASE RETURN COMMENTS TO:
Beata Stys-Palasz, P.E., Project Manager
Florida Department of Transportation – District Five

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DeLand, Florida 32720

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Toll Free: 1-800-780-7102

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Name _____
Address _____
Phone Number _____
Email _____

ALTERNATIVES PUBLIC MEETING APRIL 24, 2014





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Study Schedule

	2013			2014				2015
Public Involvement Activities	Spring	Summer	Fall	Winter	Spring	Summer	Fall	Winter
Public Involvement Plan	●		🔊					
Website	▬							
SECTION 4 (US 17-92 to SR 472)								
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





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THANK YOU FOR ATTENDING!

For additional information, please contact:

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www.i4express.com



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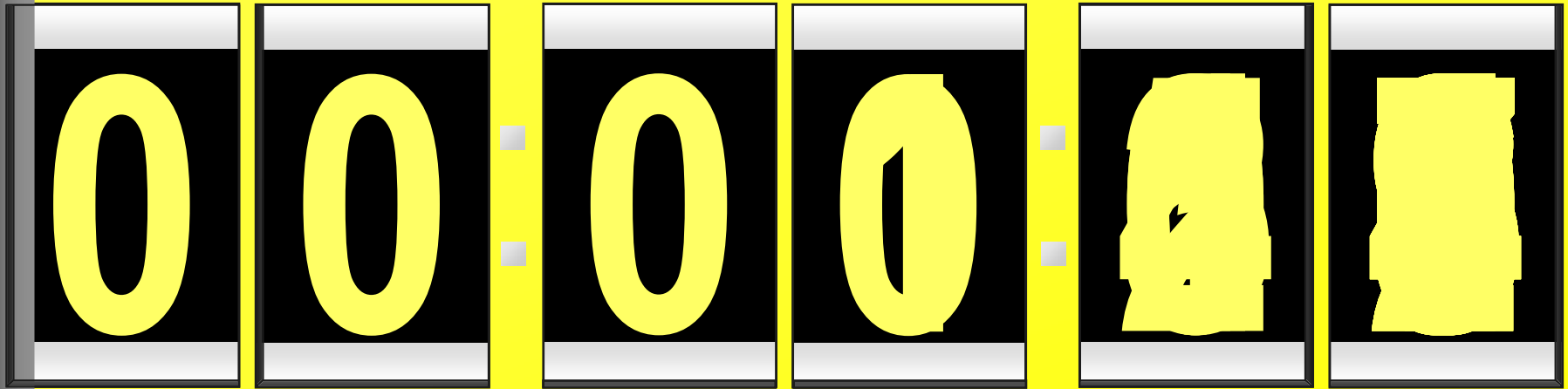


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