“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
Central Florida I-4 Facts

- 73 Miles from Polk-Osceola County Line to I-95 in Volusia County
- 1.5 Million Average Daily Trips
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
“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)
FPID: 432100-1-22-01

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
“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)
FPID: 432100-1-22-01

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)
On April 24, 2014 FDOT selected the I-4 Mobility Partners team for the I-4 Ultimate Project.
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
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
“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)
FPID: 432100-1-22-01

- Traffic
- Geometry
- Structures
- Drainage
- Constructability
“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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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
“I-4 Beyond the Ultimate” PD&E Reevaluation Study
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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
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
### Study Schedule

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### SECTION 1 (CR 532 to SR 528)

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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
THANK YOU FOR ATTENDING!

For additional information, please contact:

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