Concept, Feasibility, and Mobility Study of the Osceola Parkway Extension

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Osceola Parkway Extension

Alternative Corridor Alignments
Orange & Osceola Counties
Osceola Parkway Extension Purpose and Need

1. Respond to ongoing and planned growth in southeast Orange County and northeast Osceola County, specifically the Northeast District, Innovation Way Overlay and Narcoossee Community

2. Provide regional connectivity consistent with recommendations of the East Central Florida Corridor Task Force Final Report

3. Improve roadway connections to SR 417

4. Provide for the incorporation of future transit options
Osceola Parkway Extension
Current Alternatives
Osceola Parkway Extension
Major Environmental Constraints
Osceola Parkway Extension
West Ultimate Typical Sections

Jeff Fuqua Boulevard to Laureate Boulevard

Laureate Boulevard to Narcoossee Road
Osceola Parkway Extension
Current West Alternatives

Impacts Summary
- Wetlands: 61 to 93 Acres
- Conservation Impacts: 351 to 353 Acres
- Right-of-Way: 246 to 392 Acres
- Existing Res.: 3 to 5 Parcels
- Proposed Res.: 19 Parcels
- Est. 2045 Traffic: 22,500 Vehicles
- Est. Project Cost: $425 to $478 Million
Osceola Parkway Extension
East Expressway Ultimate Typical Section

OSCEOLA PARKWAY EXTENSION
EAST EXPRESSWAY
ULTIMATE
6 LANE EXPRESSWAY WITH TRANSIT AND MULTI-USE TRAIL

RIGHT-OF-WAY

LIMITED ACCESS
RIGHT-OF-WAY

RIGHT-OF-WAY

26'
MULTI-LATERN
CORRIDOR
BY OTHERS

50'
TRANSIT CORRIDOR
BY OTHERS

94' Border

10' 12' 12' 12' 12' 10'

400' right-of-way

64' Median

10' 12' 12' 12' 10'

94' Border

CENTRAL FLORIDA EXPRESSWAY AUTHORITY
Osceola Parkway Extension
Current East Alternatives

Impacts Summary
- Wetlands: 307 to 340 Acres
- Conservation Impacts: 253 to 639 Acres
- Right-of-Way: 500 to 541 Acres
- Existing Res.: 1 to 26 Parcels
- Proposed Res.: 344 to 401 Parcels
- Split Oak Forest: 0 to 275 Acres
- Est. 2045 Traffic: 38,900 Vehicles
- Est. Project Cost: $990 to $1,087 Million
# Osceola Parkway Extension Viability of Alternatives

<table>
<thead>
<tr>
<th>Expressway Alternative</th>
<th>Total Project Costs ($ Millions)</th>
<th>30-Year Projected Revenue ($ Millions)</th>
<th>Viability Range (highest revenue)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeff Fuqua Boulevard to Sunbridge Parkway</td>
<td>$990 to $1,087</td>
<td>$144 to $297</td>
<td>27% to 30%</td>
</tr>
<tr>
<td>Jeff Fuqua Boulevard to Narcoossee Road (Segment)</td>
<td>$425 to $478</td>
<td>$98 to $146</td>
<td>31% to 34%</td>
</tr>
</tbody>
</table>

Assumptions:
1. Reflects $70 million escrow contribution from FDOT, AAF and FRI
## Osceola Parkway Extension Viability of Alternatives with Partnerships

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</thead>
<tbody>
<tr>
<td>Jeff Fuqua Boulevard to Sunbridge Parkway</td>
<td>$580 to $885</td>
<td>$144 to $297</td>
<td>34% to 51%</td>
</tr>
<tr>
<td>Jeff Fuqua Boulevard to Narcoossee Road (Segment)</td>
<td>$328 to $335</td>
<td>$98 to $146</td>
<td>44% to 45%</td>
</tr>
</tbody>
</table>

**Assumptions:**
1. Reflects $70 million escrow contribution from FDOT, AAF and FRI
2. Reflects full dedication of project right-of-way to CFX from Tavistock and FRI
3. Reflects partial bridge construction through Split Oak Forest (except for PD&E alternative)
Recommended Motion

Approval of the findings for the Concept, Feasibility and Mobility Study of the Osceola Parkway Extension, and authorization for staff to initiate a Project Development & Environment (PD&E) Study.