Southport Connector PD&E Study

Study Area Map

Legend
- Southport Connector Study Area
- Surface Waters
  - Wetlands
  - Bodies of Water (JCPW 2014)
  - Wet Praries (JCPW 2014)
  - Everglades National Park (U.S. 2014)
  - Florida Bay (JCPW 2015)
  - Florida Panhandle Wetlands (JCPW 2017)
- Watershed Protection Areas (JCPW 1996)
- Woodland Colloidy (JCPW 2015)
- Public Lands
  - Class I Lands Preservation Area
  - Drayton Field Preserve
  - Cypress Swamp Ecological Preserve
- Southport Ranch Mitigation Bank
- Southport Regional Park
- Upper Lakes Basin Watershed
- Existing Florida Greenways & Trails

Begin Study

End Study
South Lake Toho Master Plan (Osceola County)
  • Land use and transportation network
  • Southport Connector Alignment Study
  • Input to Osceola County Expressway Master Plan Report

Southport Connector Alternative Corridor Evaluation (FDOT)
  • Initial activities under PD&E
  • First ACER in FDOT District 5

Southport Connector Concept, Feasibility and Mobility (CF&M) Study (CFX)
  • Completed – May 2018
  • Re-evaluation of FDOT ACER
  • PD&E Study limits extend to Canoe Creek Road
Concept Feasibility & Mobility Alternatives
Environmental Considerations Map
Southport Connector PD&E Study

Project Description:

• Proposed east-west limited access toll facility
• Poinciana Parkway to Canoe Creek Road ~15 miles
• Segment of future beltway around southern portion of Orlando Metropolitan Area

Project Goals:

• Meet demands of Osceola County’s projected growth
  • Population anticipated to double by 2025 to low 600,000’s
  • Employment anticipated to double by 2025 to ~228,000
• Relieve congestion on local roads
  • Provide additional traffic capacity
  • Multimodal option
• Promote regional connectivity
• Enhance emergency evacuation routes

Potential Challenges:

• Proximity to:
  • Smoke shed for Disney Wilderness Preserve
  • Archaeological sites
  • Existing ranch lands
  • Shoreline of Lake Toho
  • Residential properties
• Impacts to:
  • Reedy Creek
  • Planned developments
  • Natural resources

South Lake Toho Development Plan
PD&E Study Approach

• Study Process
  • Previous studies
  • Refine alternatives
  • Stakeholder and public input
  • Project documentation

• Engineering Analysis
  • Design criteria and cost
  • Phased implementation

• Environmental Analysis
  • Avoidance
  • Minimization
  • Mitigation
  • Enhancement

PUBLIC INVOLVEMENT
• Local Governments
• Non-governmental Organizations
• Community Leaders
• Business Leaders
• Advisory Groups

PRELIMINARY ENGINEERING
• Data Collection
• Interchange Concepts
• Roadway
• Structures
• Drainage
• Lighting/Utilities

ENVIRONMENTAL ANALYSIS
• Social
• Cultural
• Natural
• Physical
• Agency Coordination

STUDY DOCUMENTS
• Environmental Documents
• Support Documents
• Concept Plans
• Pass the Torch
Concept Development

- Develop & evaluate alternatives within corridors
- Interchanges and intersections
  - Poinciana Parkway
  - Pleasant Hill Road
  - South Lake Toho (TBD)
  - Florida’s Turnpike Enterprise
  - Canoe Creek Road
- Access management
  - Cypress Parkway segment
- CFX design criteria
- Project cost estimates
  - Right-of-way
  - Construction
Turnpike Interchange

- Spacing constraints
  - Canoe Creek Service Plaza
    - Expansion
  - Three Lakes Toll Plaza
    - All-Electronic Tolling (AET)
  - Kissimmee Park Road (CR 525)

- Interchange configuration
  - No preference; coordinate with Turnpike
  - Based on traffic demand
  - Consider AET & ramp operations with Service Plaza

- Extension to Canoe Creek Road
  - Consider Northeast Connector Alternatives north & south of Lake Gentry
Natural Resources - Approach

• Evaluate viable alternatives
  • Review previously approved CF&M Study and other approved documents
  • Conduct GIS, literature, and preliminary field evaluations
  • Impact matrix to identify preferred alternative

• Prepare Natural Resources Evaluation (NRE)
  • Protected species
    • Effects determinations
    • Identify mitigation options
  • Wetlands
    • Wetland assessment
    • Develop Conceptual Mitigation Plan
Agency Coordination

• Agency meetings
  • Environmental Advisory Group (EAG)
  • Project Advisory Group (PAG)
  • Environmental Stewardship Committee
  • One-on-one meetings

• Assessment of resource impacts

• Develop mitigation strategies
Public Involvement

• Develop Public Involvement Plan (PIP)
  • Coordinate with CFX & Quest Corporation of America

• Collateral material
  • Fact sheets, newsletters
  • Limited English Proficiency (LEP)

• Public meetings and hearing
  • Stakeholder databases
  • Meeting materials

• Innovative tools
  • Virtual meetings
  • Smart boards
  • QR codes
  • Social media
Stakeholder Coordination

- Osceola and Polk Counties
  - Planned/programmed improvements
  - Extension to Canoe Creek Road
- Florida’s Turnpike Enterprise
  - Interchange configuration
  - Access request process
- CFX
  - Phased implementation/toll viability
  - NEC (north or south of Lake Gentry)
- Federal regulatory agencies
  - USFWS
  - USCG
  - USACE
- Major land owners
  - Kenansville
  - Southport
  - Bronson’s
  - Green Island DRI
## Stakeholder Input

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<thead>
<tr>
<th>STAKEHOLDER</th>
<th>COMMENTS</th>
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| Osceola County                     | • **Connection to existing/planned facilities**  
                                | • Poinciana Parkway, Pleasant Hill Road, Florida’s Turnpike, Canoe Creek Road  
                                | • Future corridors (PPE, NEC)                                                                                                                                                                            |
| The Nature Conservancy             | • Environmental concerns adjacent to Disney Wilderness Preserve  
                                | • **Alternatives greater than one mile away are “on the table”**                                                                                                                                           |
| Poinciana Residents for Smart Change | • **Currently “dead ended” with longest commute in the county**  
                                | • Residents willing to pay tolls to commute to Orlando  
                                | • Travel demand is currently double what it was projected to be  
                                | • Strong support for limited access corridor                                                                                                                                                           |
| EAG                                | • Concern for degradation of conservation lands  
                                | • **Ways to prevent divided communities**                                                                                                                                                              |
| Ranch Owners                       | • Several alternatives are agreeable  
                                | • Green Island DRI working with FTE for location of interchange                                                                                                                                         |
| Kenansville Southport Bronson’s    |                                                                                                                                                                                                           |
Deliverables

NTP
- Project Management Plan
- QA/QC Plan
- Advance Notification
- Public Involvement Plan
- Meeting Agendas, Handouts, Notes and Summaries
- Agency Coordination Meeting Summaries
- Public Involvement Comment Database
- Comments and Coordination Report
- Public Hearing Transcript

Public Involvement
- Existing Conditions Technical Memo
- Alternative Corridor Evaluation Memo
- Preliminary Engineering Report
- Location Hydraulics Report
- Pond Siting Report
- Conceptual Design Plan Set
- Geotechnical Report
- Typical Section Package
- Utilities Assessment Package

Engineering
- Project Environmental Impact Report (PEIR)
- Noise Study Tech Memo
- Air Quality Tech Memo
- Contamination Screening Evaluation
- Cultural Resource Assessment Survey
- Natural Resource Evaluation
- Water Quality Impact Evaluation

Environmental
- Project Environmental Impact Report (PEIR)
- Noise Study Tech Memo
- Air Quality Tech Memo
- Contamination Screening Evaluation
- Cultural Resource Assessment Survey
- Natural Resource Evaluation
- Water Quality Impact Evaluation

LDCA
- CFX Board Approval
- Location Design Concept Acceptance (LDCA)
- Public Notice
### Schedule

#### 15-Month Schedule

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<th>Task/Activity</th>
<th>2020</th>
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<td>Notice to Proceed</td>
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<td>Data Collection/Analysis</td>
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- **Includes Design Traffic by CFX**
- **Roadway, Drainage, Structures, Interchanges, Costs**
- **Social, Natural, Cultural, Physical Environment**

- **Star** indicates significant milestones.

**15-month schedule**

- NTP – Sept. 2020

**Stakeholder coordination**

- EAG/PAG meetings