FTC Expressway Authority Cost Savings Study

Presented to:
Florida Transportation Commission

Presented by:
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Jack Henneman, Principal,
Cambridge Systematics

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Presentation Outline

- Overview/Orientation
- Study Elements
- Process/Schedule
OVERVIEW/ORIENTATION
Study Team

Cambridge Systematics, Inc.
- Firm Florida expertise, team objectivity
- Toll experience: Allan Rutter, Jack Henneman

Center for Urban Transportation Research
- Depth in Expressway Authority experience
- Toll experience: Steve Reich, Janet Davis
Objective

Analyze, assess and recommend opportunities for cost savings and efficiencies from sharing resources among Florida Expressway Authorities.
Expressway Authorities to be Studied

- Mid-Bay Bridge Authority
- Florida Turnpike Enterprise
- Tampa-Hillsborough Expressway Authority
- Orlando-Orange County Expressway Authority
- Osceola County Expressway Authority
- Miami-Dade Expressway Authority
What can be gained from economies of scale? How would that work?

leads to

Output/Volume

Average Unit Costs
Other Factors to Consider

- Time is an enemy for new projects
  - Revenues aren’t collected
  - Costs are likely to increase
  - Capital market uncertainty

- Net revenues must be maximized
  - Toll collection: decrease collection costs, increase revenue assurance
  - Control costs to leverage revenues for transportation capacity for customers
STUDY ELEMENTS
Study Elements

- Design/Project Development
- Construction
- Maintenance
- Operations

Analyses will take advantage of FTC Expressway Authority performance data
Design/Project Development

- Led by Steve Reich, CUTR

- Involves: project development, environmental clearance, design, right of way acquisition, utility adjustment

- Possibilities: shared contract access, constructability reviews, ROW efficiencies, utility coordination
Construction

Led by Allan Rutter, CS

Involves: construction contracting methods, contract management, alternative delivery methods

Possibilities: uniform access to D/B and P3, shared CM contract access, tools for revenue acceleration
Maintenance

Led by Janet Davis, CUTR

Involves: facility maintenance (roadway, structures, wayside, equipment), maintenance contracts and standards

Possibilities: right-sizing performance-based contracts, standard setting
Operations

Led by Jack Henneman, CS

Involves: toll collection, back office, customer relationships

Possibilities: MOU for common back office (underway), shared support for cash collection, common violation processing and collection services
PROCESS/SCHEDULE
Study Process

- Interviews, Data Collection
- Build on FTC’s Authority performance reporting database
- Analyze information in each Study Element
- Prepare Draft Report
- Discuss recommendations with FTC, stakeholders
- Prepare Final Report
## Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>JULY 5</td>
<td>Contract Execution</td>
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<tr>
<td>JULY 31</td>
<td>Report on Data Collection</td>
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<tr>
<td>OCT 1</td>
<td>Draft Report Submitted</td>
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<tr>
<td>NOV 1</td>
<td>Final Draft Report</td>
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<tr>
<td>NOV 15</td>
<td>Final Report Submitted</td>
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QUESTIONS/DISCUSSION