

FTC Expressway Authority Cost Savings Study

Presented to:

Florida Transportation Commission

Presented by:

Allan Rutter, Senior Associate

Jack Henneman, Principal,

Cambridge Systematics

July 12, 2012

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

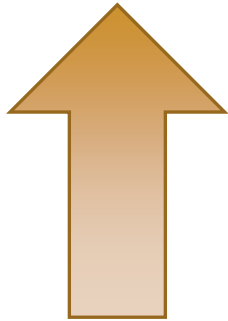
Analyze, assess and recommend opportunities for cost savings and efficiencies from sharing resources among Florida Expressway Authorities

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

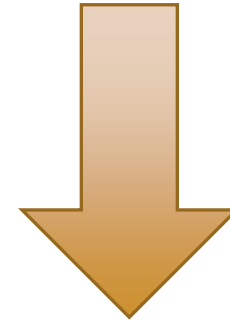
Economies of Scale

What can be gained from economies of scale? How would that work?



Output/Volume

leads to



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

JULY

5

Contract
Execution

JULY

31

Report on
Data
Collection

OCT

1

Draft
Report
Submitted

NOV

1

Final Draft
Report

NOV

15

Final
Report
Submitted

QUESTIONS/DISCUSSION