



I-95 Corridor Coalition

VMT Based-Fee Initiative Member Advisory Committee

September 10, 2009

Note to Webcast Participants:

The webcast will begin at 10:00 a.m. Please do not put your telephone on "Hold" (especially if it's a music hold!); muting the phone is appreciated.

Telephone connection:

1-888-413-5786 and enter 133253# at the prompt.

www.i95coalition.org



Agenda

- Welcome and Introductions
 - ➔ George Schoener, Executive Director, I-95 Corridor Coalition
- Background
 - ➔ George Schoener
- Project Scopes
 - ➔ Institutional Project – Arlee Reno, Cambridge Systematics
 - ➔ System Definition Project – Gary Euler, Telvent
- Member Advisory Committee Reactions
- Schedule, Next Steps, Next Meeting



Member Advisory Committee Self-Introductions

- Connecticut DOT
- DC DOT
- Delaware DOT
- Delaware River Port Authority
- Delaware Valley Regional Planning Comm.
- FHWA
- Florida DOT
- I-95 Corridor Coalition
- Maine DOT
- Maryland DOT
- Maryland SHA
- Mass EOT
- MassHighway
- MTA Bridges & Tunnels
- New Hampshire DOT
- New Jersey Turnpike Auth.
- New York City DOT
- New York Metro Transp Council
- New York State DOT
- North Carolina DOT
- Pennsylvania DOT
- Port Authority of NY & NJ
- Rhode Island DOT
- So Jersey Transp Planning Org
- Vermont AOT
- Virginia DOT/Transp Research Council



Who We Are:

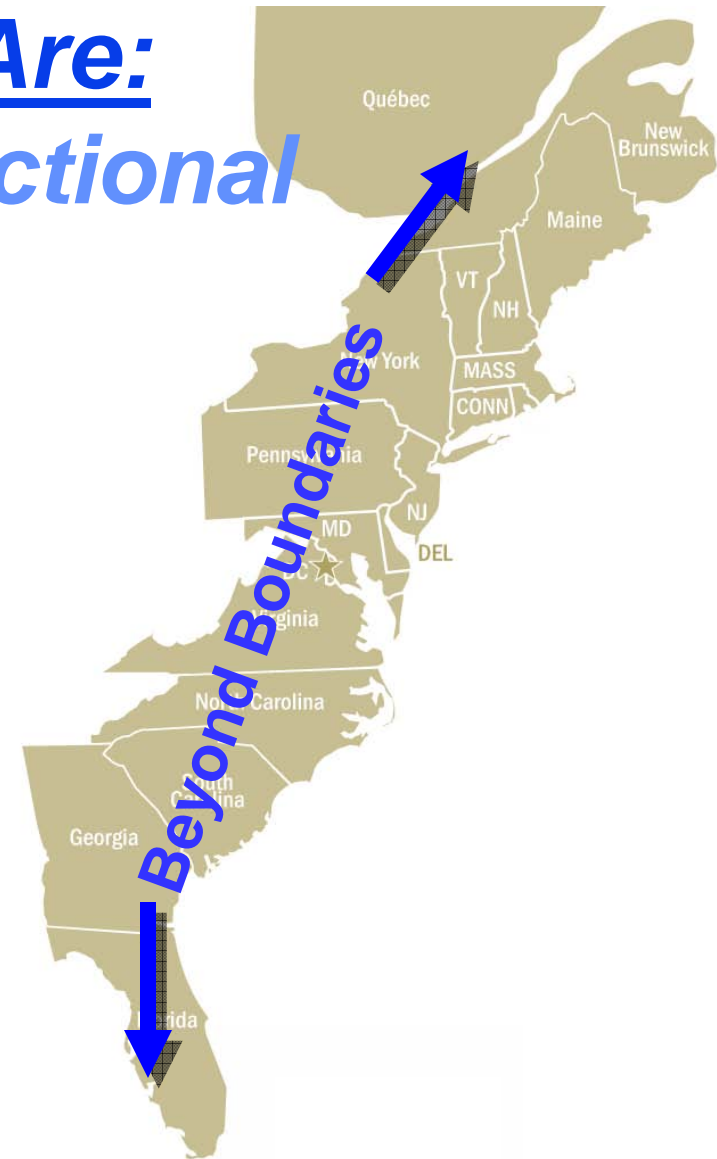
- A partnership of transportation agencies, toll authorities and related organizations
- A forum for key decision and policy makers to address transportation issues of common interest





Who We Are: *Multi-Jurisdictional*

- 2 Canadian Provinces
(Quebec, New Brunswick)
- 16 States, the District of Columbia
 - ➔ \$4.5 trillion economy (40% of US GDP)
 - ➔ 21% of nation's road miles; 35% of nation's VMT
 - ➔ 5.3 billion tons of freight shipments annually





Who We Are: ***Multi-Modal***

**Focus is on long distance
passenger travel and freight movement
both domestically and
internationally (US-Canada)**





Who We Are: *Multi-Disciplinary*

**Public Agency:
Federal, State, Regional, Local**

Port Authorities

Railroads

I-95 Corridor Coalition

Planning/Operations

Trucking

**Public Safety/
Law Enforcement**



I-95 Coalition VMT-Fee Activities

- Direction from Executive Board to explore suitable role for Coalition
- May, 2009 Brainstorming Session
- June, 2009 Steering Committee/Executive Board briefing
- Formation of Member Advisory Committee
- Preparation of draft scopes of work for two projects
 - ➔ Institutional project
 - ➔ System definition project



Unique Characteristics Offered by the Coalition

- Governing structure in place - membership/partnerships:
 - ➔ Multiple state DOT's and toll authorities
 - ➔ Public & private organizations (e.g., MPO's, trucking industry, etc.)
 - ➔ Excellent relationship with USDOT
- Significant freight movement and passenger travel:
 - ➔ Across state borders
 - ➔ On toll facilities (E-ZPass)
 - ◆ Interoperable technology, business rules, and reciprocity for 25 operators in 14 states. The Coalition region includes 20 of these operators in 9 states.
- Timely policies and interests:
 - ➔ Greenhouse gas emissions issues
 - ➔ Congestion pricing concepts
 - ➔ Rich variety of transportation policies



Coalition Initiative to Complement Work of Others

- Many other issues will be addressed by others, e.g.:
 - ➔ Privacy
 - ➔ Public acceptance
 - ➔ Technology development/assessment



Role of Advisory Committee

- Provide expert advice and guidance
- Ensure usefulness to I-95 stakeholders
- Review major milestones
- Will meet (nominally) every other month through 2010
 - ➔ Web conferences



Institutional Project

- Arlee Reno, Cambridge Systematics



Objectives

- Identify institutional and administrative requirements
- Define and evaluate institutional and administrative alternatives
- Assess usefulness of current procedures
- Prepare preliminary cost estimates
- Preliminary recommendations



VMT-Based Fees Institutional Project

- Task 1 – Identify Institutional and Administrative Requirements (Multi-state and Multi-state/federal)
 - ➔ Administrative and governance structure, responsibilities
 - ➔ Enrolling participants, managing accounts
 - ➔ Accumulating, calculating, reconciling mileages and charges by state and by agency
 - ➔ Calculating and billing fees, utilizing credit/debit cards
 - ➔ Maintaining user interface and communications
 - ➔ Auditing, security, enforcement
 - ➔ Etc.



VMT-Based Fees Institutional Project

- **Task 2 – Identify and Evaluate Alternative Mechanisms for Administration**
 - Efficiency – resource requirements, clarity of governance and of administrative responsibilities
 - Equity among agencies and among users
 - Administrative costs (total and percentage of revenues)
 - Compliance costs to users and agencies
 - Evasion (likely levels of evasion and countermeasures)



VMT-Based Fees Institutional Project

- **Task 3 – Usefulness of Current Procedures**
 - ➔ **Assess usefulness of EZ-Pass procedures**
 - ◆ Mass market – 17 million passes, 10 million accounts
 - ◆ Back office functions
 - ◆ Agency cooperation
 - ➔ **Assess usefulness of IRP, IFTA**
 - ◆ Already estimates the VMT for heavy interstate trucks
 - ◆ Established procedures for cooperation and audits, using the base state concept
 - ◆ Applies to business entities which keep records



VMT-Based Fees Institutional Project

- Task 4 – Preliminary Estimates of Costs of Administration and Enforcement
 - ➔ Review available cost estimates for VMT fees and congestion pricing
 - ➔ Buildup of cost estimates from current practices
 - ◆ State registration and fuel tax costs
 - ◆ EZ-Pass costs
 - ◆ IRP, IFTA, and other agency costs
 - ◆ Build up of costs for added functionalities



Budget and Schedule

Task	Budget	Hours	Month
1 - Requirements	\$10,000	50	Nov
2 – Alternative Mechanisms	\$40,000	200	Dec
3 – Assess Current Procedures	\$25,000	125	Jan
4 – Cost Estimates (and Final Report)	\$25,000	125	Feb (Mar)
Total	\$100,000	500	



System Definition Project

- Gary Euler, Telvent



Objectives

- Build consensus on the functions that a VMT-fee system should perform
- Describe operation of the system from the perspective of various stakeholders
- Develop high-level functional and performance requirements
- Identify testing needs



Tasks

- Task 1 – Define System Functionality
 - ➔ Departure Points
 - ◆ Noblis study performed for RITA
 - ◆ Coalition Brainstorming Session
 - ➔ Assessment of consequences of including/not including functions
 - ➔ Member Advisory Committee review

- Task 2 – Describe System Operation
 - ➔ Series of clear, concise narratives
 - ➔ Reflect of various stakeholder perspective:
 - ◆ State, toll authority, collection organization, user
 - ➔ Review by stakeholder groups and Member Advisory Committee



Tasks

- Task 3 – Define Functional Requirements
 - ➔ Functional and performance requirements
 - ➔ What, not how
 - ➔ High-level, maintain implementation flexibility
 - ➔ Mandatory and optional requirements
 - ◆ Optional – do not have to be implemented by any jurisdiction
 - ➔ Stakeholders, industry and Member Advisory Committee reviews
- Task 4 – Identify Testing Needs
 - ➔ Evaluating requirement implementation options
 - ➔ Objectives, description, products, budget, timeframe
 - ➔ Stakeholders, industry and Member Advisory Committee reviews



Budget and Schedule

Task	Budget	Hours	Month
1 – System Functionality	\$50,000	250	0 -2
2 – System Description	\$75,000	375	2 – 6
3 – Functional Requirements	\$87,500	437	6 – 10
4 – Testing Needs	\$37,500	187	10 - 12
Total	\$250,000	1250	



Schedule

	2009					2010												
	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
Institutional	Scope		Project Elements					Final										
System Def	Scope					Project Elements									Final Report			
Meetings		MAC Ldrship	PSP	MAC Steering	Exec Bd	MAC		MAC		MAC Steering	Exec Bd			MAC		MAC Steering	Exec Bd	



Next Steps and Meeting

- Next Steps
 - ➔ Provide comments on draft scopes of work (by September 18)
 - ➔ Discuss with Executive Leadership (Monday, September 14)
 - ➔ Complete Institutional Study scope of work and initiate project
 - ➔ Prepare revised System Definition draft scope of work
 - ➔ Brief Policy & Strategic Planning Committee (October 6)

- Next Member Advisory Committee Meeting
 - ➔ Early to mid-November
 - ➔ Purpose: Review draft set of Institutional Requirements and revised System Definition project scope