Transit and the Evolving Intelligent Transportation System: Federal Transit Administration Perspective

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2004 APTA Annual Meeting
Atlanta, Georgia
October 13, 2004
Overview of Presentation

- Mobility Services for All Americans
- Integrated Corridor Management Systems
Mobility Services for All Americans

Issues

- 62 Federal programs fund human services transportation totaling billions of dollars
- Human services transportation is often uncoordinated and inefficient
- Presidential Executive Order directs coordination of human services transportation
Solutions

Utilize ITS technologies to:
- Improve coordination and increase efficiency
- Increase mobility and transit accessibility
- Improve customer service

Demonstrate a replicable Traveler Management Coordination Center
Mobility Services for All Americans (continued)

Program Steering Groups

- Foundational Research
- Operational Tests Feasibility
  - Technology Integration Operational Tests
  - Operational Test Evaluation
- Model Deployment Feasibility
  - Traveler Management Coordination Center Model Deployment
  - Model Deployment Evaluation
  - Technology Transfer & Outreach

FY 04 I FY 05 I FY 06 I FY 07 I FY 08 I FY 09

March, 2005

March, 2007
Integrated Corridor Management Systems

Issues

- Traffic congestion in corridors is a serious problem
- Management of modal networks is uncoordinated
- Unused corridor capacity often exists on parallel routes and networks
Integrated Corridor Management Systems (continued)

**Solutions**

- Build upon proven ITS technologies & strategies
- Integrate operations of individual networks in three areas:
  - Organizational
  - Operational
  - Technical
- Demonstrate Integrated Corridor Management tools and strategies
Integrated Corridor Management Systems (continued)

Phase 1: Foundational Research

Phase 2: Operations & Systems Development

Phase 3: Work with Candidate Model Deployment Sites

Phase 3: Model Deployment and Evaluation

Phase 4: Pre-Model Deployment Technology Transfer

Phase 4: Integrated Corridor Management Technology Transfer

Stakeholder Working Group

FY 04 | FY 05 | FY 06 | FY 07 | FY 08 | FY 09 | FY 10

August, 2005 | September, 2007
Thank You

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