Access For All
Adaptable Models Concurrent Sessions

Harnessing Technology to Augment Community Mobility

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Community Transportation EXPO
Seattle, Washington
15 June 2004
Goals of This Session

• Provide Awareness of New Federal Programs and Initiatives
• Explore/share how technologies can assist in enhancing access and mobility for all
• Spark participation and input in Federal activities
Where We Are

- 62 Federal programs fund human services transportation
- $ billions are spent on human services transportation
- FTA budget for public transportation is $7 billion
Where We Want to Be
Coordination & Integration Results

- Improved customer service
- Reduced waste
- Improved efficiencies resulting in lower unit costs
- Increased sources of revenue for transportation providers

Intelligent Transportation Systems (ITS)
Technology Opportunities

- Existing and Proven Technologies to Improve...
  - Access to Conventional Transportation
  - Access to Paratransit and Other Mobility Options
  - Coordination and Integration of Community Transportation Services
Technology Opportunities
Examples

- Traveler Information Systems
  -- Pre-trip planners
  -- Wayside transit information
  -- In-vehicle information

*It’s easy as*

1. Where are you going?
2. Ready to leave this minute?
3. Here’s your best route...

Metrorail eAlerts
Technology Opportunities

Example

• Electronic fare payment and billing systems
Technology Opportunities
Examples

- Accessible Pedestrian Crosswalks
Technology Opportunities Example

• Paratransit Operations and Brokerage Systems
• From the President
  - Presidential Executive Order on Human Service Transportation Coordination (2004)

• Builds Upon & Coordinates With Other U.S. DOT activities:
  - Joint Regional Coordination Workshops
  - Rural ITS Transit Operational Tests
  - United We Ride
  - ITS International Workshop on Technology & Mobility
  - Linking Technology with Accessibility and Mobility of Seniors and Persons With Disabilities

• Other Agencies and Organizations
Mobility Services for All Americans
Phase 1 Coalition Building

• USDOT Intermodal Team
  – FTA William Wiggins, Bryna Helfer, Michael Winters
  – FMCSA Phil Hanley
  – JPO Yehuda Gross

• Inter-agency Coalition
  – Departments of Transportation, Health and Human Services, Labor, Education, Agriculture, Housing and Urban Development, Interior, Veterans Affairs
• Stakeholder Advisory/Working Groups
  - The American Public Transportation Association (APTA)
  - The Community Transportation Association of America (CTAA)
  - The Taxi Cab, Limousine, and Paratransit Association (TLPA)
  - Easter Seals Project ACTION (ESPA)
  - American Public Human Services Association (APHSA)
  - American Association of Retired Persons (AARP)
  - Paralyzed Veterans of America (PVA)
Three foundation studies are proposed
- Needs/gaps assessment
- Institutional/service barriers identification
- Technologies to address unmet needs/barriers

Largely based on compiling/synthesizing existing knowledge and research

Proposed performance period: 6 months
Mobility Services for All Americans
Building the Foundation

Federal Activities

- DOT/HHS Coordination
- United We Ride Regional Workshops (11 sites)
- International Workshop (July 2004)
- ITS & HHS Coordination Cross-cutting Study
- United We Ride

Program Coalitions

- 3-Tier Program Teams
- Ad hoc Working/Advisory Groups

Foundation Knowledge

Needs/Gaps
Barriers
Technologies

Review and Research

- Technology/State-of-Art Research
- Past Projects Lessons Learned
- Other Related Studies Review

State/Local Initiatives

- State/Local Business Models
- State/Local State-of-Practice

Past Projects
Lessons Learned
Other Related Studies Review

United We Ride Regional Workshops (10)
International Workshop (July 2004)
Mobility Services for All Americans
Phases 3-5

- Phase 3 – Technology Integration, Testing and Evaluation
- Phase 4 – Replicable/scalable Model of Traveler Management Coordination Center
- Phase 5 – Documentation and Outreach
• Three Levels of Coordination
  - In-house USDOT intermodal team
  - Federal inter-agency coalition
  - Stakeholder Advisory/Working Groups

• Five-phase Approach
  - Coalition building
  - Foundation research
  - Technology integration, testing and evaluation
  - Replicable model demonstration
  - Outreach and PCB

• One Outcome
  - Enhanced mobility and accessibility through technology integration and service coordination with efficient use of resources
We Need Your Participation

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