Technology Applications Are Essential to Idaho’s Vision for Future Public Mobility

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Topics

• Idaho’s new Mobility vision

• Technology applications
  – APTS (rural applications)
  – 511 traveler information
  – Business management systems

• Next steps
Idaho’s Mobility Vision

“Coordinated and contemporary mobility management networks provide accessible and seamless services in an efficient, effective, and intelligent manner.”

Public Transportation is relevant in Idaho!
Idaho’s rural nature does not make mobility less necessary; it makes it more challenging.

www.mobilityidaho.org
Idaho’s Mobility Landscape

- 17 separate Local Mobility Management Networks
- Within 6 Districts
- 10 rural/small urban providers
- 1 urban provider (Boise)
- Numerous other public transportation services
# What’s Different

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Technology Applications Are a Key Enabler

- Advanced Public Transportation Systems (APTS)
- 511 Traveler Information
- Mobility Management Systems
APTS Technologies

**Needs**
- Improved Safety
- Reduced Operating Costs
- Maintenance Monitoring
- Transit Traveler Information
- More efficient Scheduling
- Better Reporting Tools
- Increased Ridership

**Technologies**
- Customized Scheduling Spreadsheets
- Computer-Aided Scheduling, Automated Passenger Counters, Palmtop Manifests, Phone Systems
- Computer-Aided Scheduling, Automated Passenger Counters, Enhanced Website, En Route Traveler Info, Fixed Route Management, Fleet Maintenance, Mobile Data Terminals, Palmtop Manifests, Fare Media System, Phone Systems
- Scheduling Software, Automated Passenger Counters, Enhanced Website, Fixed Route Management System, Fleet Maintenance, Mobile Data Terminals, Stop Annunciators, Video Security En-Route Traveler Info, Fare Media System, Phone Systems
APTS Selected

- Automated Vehicle Location (AVL)
- Mobile Data Terminals (MDTs)
- Automated demand response scheduling software
- Fixed route management systems
- Enroute traveler information

Supports efficiency, effectiveness, and enables coordination
511 Traveler Information

• Transit option added to 511 web page
  – Links to provider’s web pages
  – Illustrate bus routes
  – Include city/regional and intercity services
  – Show schedules (planned and real time)
  – Illustrates where bus is now

• Transit option added to 511 phone system
  – Links to provider’s phone systems

• Dispatcher interface
Transit Routes Overlayed on Idaho 511 Website Google Map
Shows Schedules (Planned and Real Time)
Interface To Manage Information
Planned Application

• Local Providers
  – Pocatello Regional Transit (Pocatello)
  – Targhee Regional Public Transportation Authority (Idaho Falls)
  – Mountain Rides (Sun Valley)
  – Valley Regional Transportation (VRT-Boise area)
  – CityLink (Coeur d’Alene)
  – Regional Public Transportation (Lewiston)
  – Treasure Valley Transit (TV and McCall)

• Intercity providers
  – START Bus from eastern Idaho to Jackson, WY
  – Northwest Trailways
  – Salt Lake City Express
  – Northern Idaho Community Express

Supports enhanced use of the transit system through better information
Mobility Management Systems
(Idaho Business Processes)
Mobility Management Systems

• Concept development underway
  – Performance Management System
  – Other support systems

• Requirements development next step

Supports efficient and effective grant management
  – Idaho PT and Grantees –
Summary

Technology | Supports

APTS | Transit Operations
511 Traveler Information | Transit Rider/User
Business Management Systems | Idaho Division of PT and Grantees
Next Steps

- Technology applications under development or procurement
- Will be deployed in stages over next 2 years
- More information:
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