Regional Integration of Intelligent Transportation Systems (RIITS)

Presented by Kali K Fogel
Introduction

• What is RIITS?
• Policy
• Administration
• Operations
• Future
What is RIITS?

• Interagency multimodal mobility program
• Near real-time data environment
• Web-based platform accessible from anywhere
• Secure access to the network
• Regional ITS Architecture and standards
• Emerging regional data management resource
RIITS

Data Inputs
- Transportation
- Social Media
- Map
- Census
- Weather

Data Environment
- Data Fusion
- Data Warehouse
- Unified Systems
- Performance Management
- Performance Monitoring

Data Outputs
- Management
- Public
- Planning
- Operations
- Research

Metro

Los Angeles County
Metro Policies

- Long Range Transportation Plan
- Intelligent Transportation System (ITS) Policy
- Regional ITS architectures
  - Transportation systems and standards
- RIITS policies and procedures
  - Memorandums of Understanding (MOU)
  - Configuration Management Committee (CMC)
  - Data agreements
- Call for Projects – Appendix E
Architecture

- Southern California Regional ITS Architecture - SCAG
- Los Angeles Regional ITS Architecture - Metro
- Arterial ITS Architecture - Metro
- Goods Movement Architecture - SCAG
- [http://scag.ca.gov/programs/Pages/Downloads Documents.aspx](http://scag.ca.gov/programs/Pages/Downloads Documents.aspx)
- RIITS Strategic Plan
  - [http://www.riits.net/strategicplan.html](http://www.riits.net/strategicplan.html)
Administration

- MOUs with Caltrans D7 and LADOT
  - Metro data agent and admin
  - Wide area network and distributed system
- Service agreements
  - Data controlled and owned by source agency
  - Agency
  - Information Service Provider
Administration

- Configuration Management Committee (CMC)
  - Metro RIITS Administrator
  - Coordination
  - Collaboration

- Metro procurement
  - Procure goods and services to maintain transportation data in the Region.

- Management
  - Oversight, review, and approvals
Operations

- Maintenance
  - Network
  - Servers
  - Applications
- Data agreements
- Additional data sources
Future

Data Environment
- Data Fusion
- Data Warehouse
- Unified Systems

Integration

Dissemination

Data Types
- Real-time
- Database
- Information
- Video
- Reports
- Standards

Users
- Management
- Public
- Planning
- Operations
- Research

Applications
- Performance Management
- Performance Monitoring
- Decision Support Systems
- Southern California 511
- Application Programmer Interfaces

Metro

Metro

LADOT

MetroLink

Foothill Transit

Metro Freeway Center

The Weather Channel

GTA

LASAFE

NAVTEQ

Traffic.com

Census 2010

Twitter

Const.

Other

Metro

Geotrans

511

USC

LA Metro

LADOT

Metro

RIITS

Google

SIGAlert

CBS

RIITS

Los Angeles County
Thank you

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