



Regional Integration of Intelligent Transportation Systems (RIITS)

Presented by Kali K Fogel



Metro

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



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
 - http://www.metro.net/projects/call_projects/



Metro



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>
- **RIITS Strategic Plan**
 - <http://www.riits.net/strategicplan.html>

Administration

INTER-AGENCY TRAFFIC OPERATION AND MANAGEMENT
MEMORANDUM OF UNDERSTANDING
CALIFORNIA DEPARTMENT OF TRANSPORTATION,
CITY OF LOS ANGELES DEPARTMENT OF TRANSPORTATION
AND
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

This Memorandum of Understanding (MOU) is a non-cost agreement entered into effective April 15, 2006 by and among the California Department of Transportation (Caltrans) for District 7, the City of Los Angeles Department of Transportation (LADOT) and the Los Angeles County Metropolitan Transportation Authority (MTA) to provide inter-agency operational guidelines, responsibilities and procedures for inter-agency traffic operation and management for the purpose of sharing of real-time traffic information, congestion data, incident reports and operational resources.

RECITALS

A. The concept of coordinated inter-agency traffic operation and management evolved from the cooperative agreement between LADOT and Caltrans District 7, initiated during the 1984 Olympic games. The purpose of that cooperative agreement was to coordinate the use of their individual transportation management resources and to maximize utilization of available roadway capacity by providing the traveling public with the most current information about congestion and the location of traffic delays. This concept of inter-agency operation and management led to the State Route 60 freeway project funding and was funded by

B. The Smart Corridor
LADOT, Caltrans

COOPERATIVE VIDEO SHARING AGREEMENT

between

Los Angeles County Metropolitan Transportation Authority ("LAMTA"), in its capacity as the Administrator of the Regional Integration of Intelligent Transportation Systems ("RIITS")

and

TWC News and Local Programming LLC ("User")

This Cooperative Video Sharing Agreement ("Agreement") is made and entered into as of the date the last party executes this Agreement, between LAMTA in its capacity as the RIITS Administrator ("Administrator"), and TWC News and Local Programming LLC, a California limited liability company, whose principal place of business is 75 9th Avenue, 6th Floor, New York, NY 10011.

Recitals

WHEREAS, data source agencies, LAMTA, State of California, Department of Transportation, Alameda County ("Alameda"), City of Los Angeles, Department of Transportation (LADOT), and various other public agencies (collectively referred to as "source agencies") have established RIITS to exchange real-time transportation data, including, but not limited to, Road Condition Information (RCI) data;

WHEREAS, Caltrans, as part of its Advanced Traffic Management System (ATMS) program, provides real-time data to and around the Greater Los Angeles Area and has provided its methods of information gathering by means of an electronic surveillance system which utilizes electronic loop detectors placed in the pavement, and by means of CCTV system which utilizes cameras mounted along the freeway;

WHEREAS, a Configuration Management Committee ("CMC") was established by the Source Agencies to manage RIITS;

WHEREAS, the CMC named LAMTA the RIITS Administrator and delegated to LAMTA the Administration the authority to administer, maintain, operate, manage and receive RIITS services, notify system changes, process situation service agreements with third parties, and enforce the terms and conditions of the service agreements;

WHEREAS, Caltrans has developed the Los Angeles Regional Traffic Management Center ("ARTMC") for the purpose of developing an optimum system of freeway traffic flow monitoring and traffic management services by creating a central location to receive traffic information;

Page 1 of 11

- 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



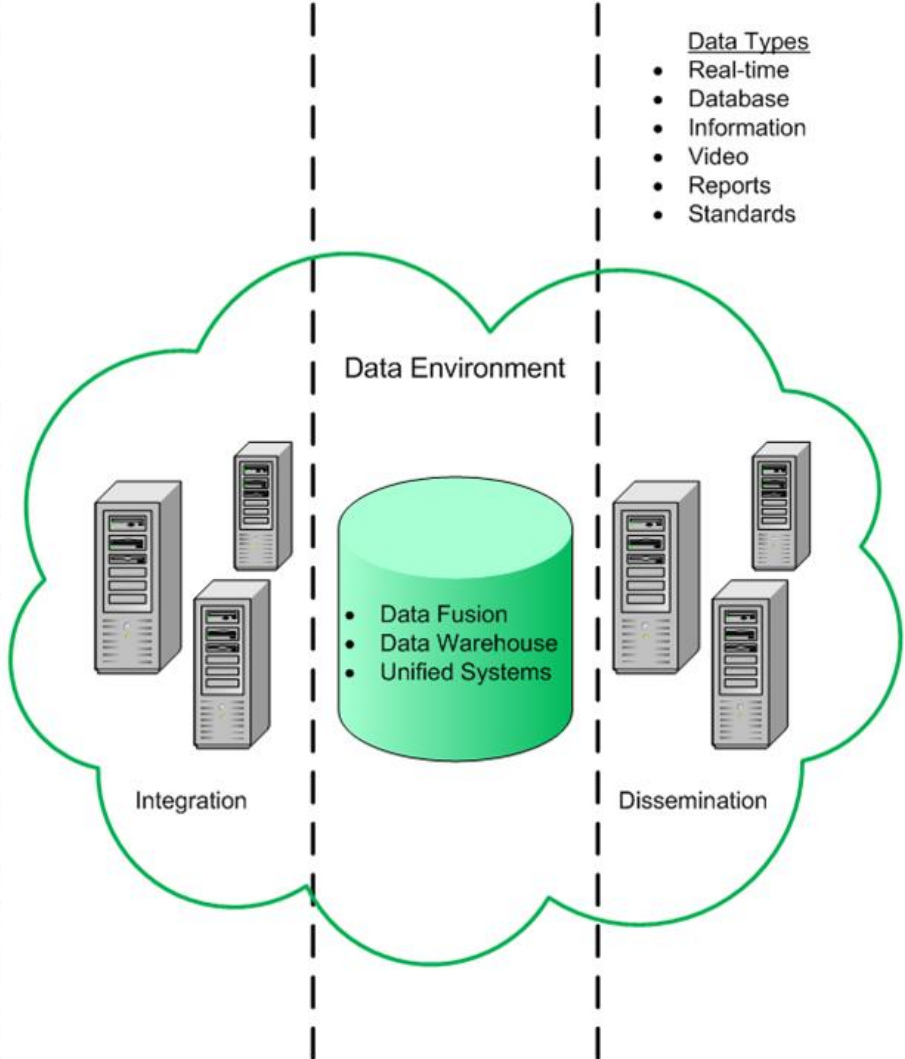
Administration

- **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 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



Thank you

Kali K Fogel
RIITS Program Manager
Congestion Reduction
One Gateway Plaza
MS: 99-22-8
Los Angeles, CA 90012

T: 213.922.2665

C: 213.361.0223



Metro

