Presentation Topics

• Vision and Mission
• Focus Areas, Objectives & Projects
• Systems Integration & Coordinated Operations
• Challenges & Future Efforts
• Summary
ITS Program Vision

Develop a comprehensive regional transportation management system utilizing advanced technologies to:

- improve system management and services;
- develop traveler information services to promote more efficient system usage; and
- support public/safety.
ITS Program Mission

- Develop regional strategic plans and technology framework;
- Facilitate the design and implementation of individual agency/modal systems;
- Build consensus and operational partnerships between transportation and/or public safety organizations; and
- Design, implement, and manage the integration of agency/modal systems into the regional system.
ITS Program Focus Areas

1. Freeway Management
2. Transit Management
3. Arterial Management
4. Incident Management
5. Traveler Information
1. Freeway Management

- Improve Transportation System Monitoring
- More Efficient Management
- Reduce Congestion
2. Transit Management

- Operations & Service Improvements
- Improved Reliability
- Simplify Fare Media Usage & Schedule Information
- More Competitive & Increased Ridership
3. Arterial Management

- Create a synchronized regional system
- Improve traffic flows within and across jurisdictional boundaries
4. Event/Incident Management

• Provide Impact Information to Transportation System Users
• Provide for Faster Arrival and Resolution
• Reduce Congestion
5. Traveler Information

- Provide private and commercial vehicle operators with reliable and timely information
- Influence Travel Patterns and Reduce Congestion
- Maximize System Efficiency
Systems Integration & Coordinated Operations

- Comprehensive management of our transportation system
- Utilization by transportation and public safety agencies
- Promote coordinated operations
- Provide travelers with system information
Inter-Modal Transportation Management System

- Transit & FSP/TMT Management
- Traveler Information System
- Incident Management
- Freeway Management
- Arterial Management
- Vehicle Detection
- CMS
- CCTV
San Diego Regional Operations Center

Candidate Functions & Systems

- Public Safety
- Freeway Management
- Transit Management
- Arterial Management
- Traveler Information
- Incident Management
- CC Circulation Management
- CC Parking Management
- Event Management
- Transit Operations
Challenges

- Project and Program Funding
- Increased Expectations for System Usage,
- Commitments to Ownership and Operation
- Agency Agreements for Shared Use of Communications and Field Devices
Summary

• Strong Regional Vision and Mission
• Major ITS Projects in Implementation or Planning
• Challenges to Overcome
• Future Steps Include:
  • Expanding our Mission and Focus Areas
  • Exploring Collaborative Opportunities with Public Safety, Homeland Security, other Regional Partners
  • Currently conducting a regional public safety needs assessment