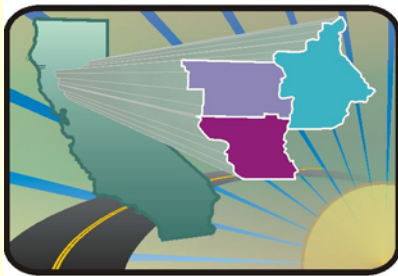


Welcome



North Valley
Regional ITS Architecture



Agenda

- Introductions
 - Project Background
- What is ITS?
 - How does it Benefit the Region?
- Working Lunch
 - ITS Regional Inventory Surveys
- North Valley Architecture and National ITS Architecture – How does it impact the Region?

Introductions

- Name?
- Who are you representing today?
- What is your primary job? (Transportation planning? Ops? Engineering? Emergency Management? Etc.)
- Level of 1-10 what is your knowledge of ITS?

What is ITS?

Intelligent Transportation Systems

**Uses electronics,
communications, and computers
in an integrated manner to
improve the efficiency and safety
of roadways.**

What is ITS?



Roadway
Mgmt



Traveler
info



Rural
Systems



Goods
Movement



Vehicle
Control



Emergency
Management



Transit
Systems



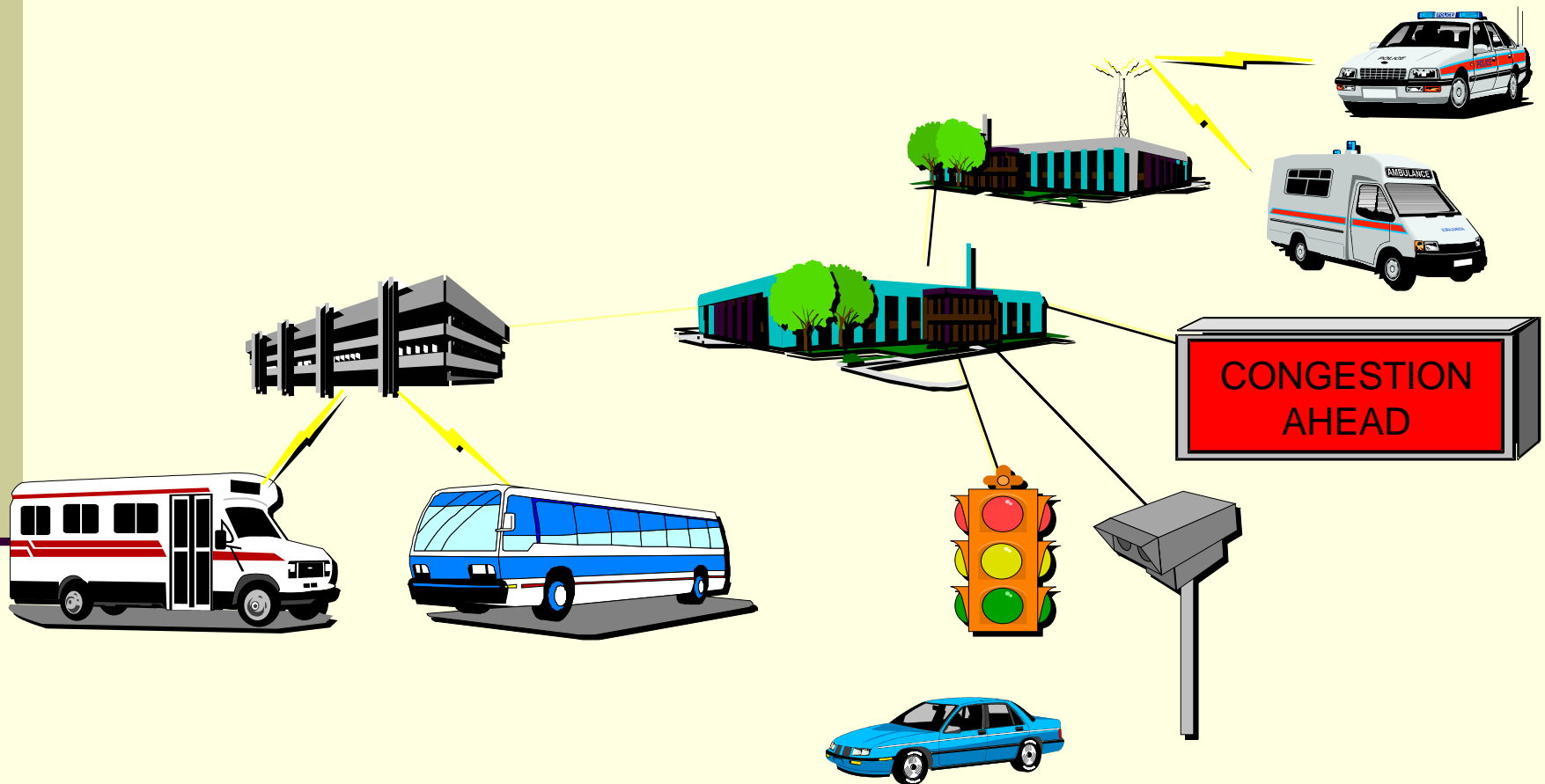
Maintenance



What is a Regional ITS Architecture?

- Provides a structured framework for deployment and integration.
- Helps to introduce and interconnect ITS services across the region.
- Identifies “gaps” in systems and services for communications.
- Assists in the development of cooperative agreements.

What is a Regional ITS Architecture?



What does a Regional ITS Architecture include?

- Description of the Region
- List of Stakeholders
- Current and Future ITS Elements
- Information Exchange between the ITS Elements
- Operational Concept for the ITS Services
- Functions of each of the ITS Elements
- Applicable ITS Standards
- Project Sequencing
- List of Agreements

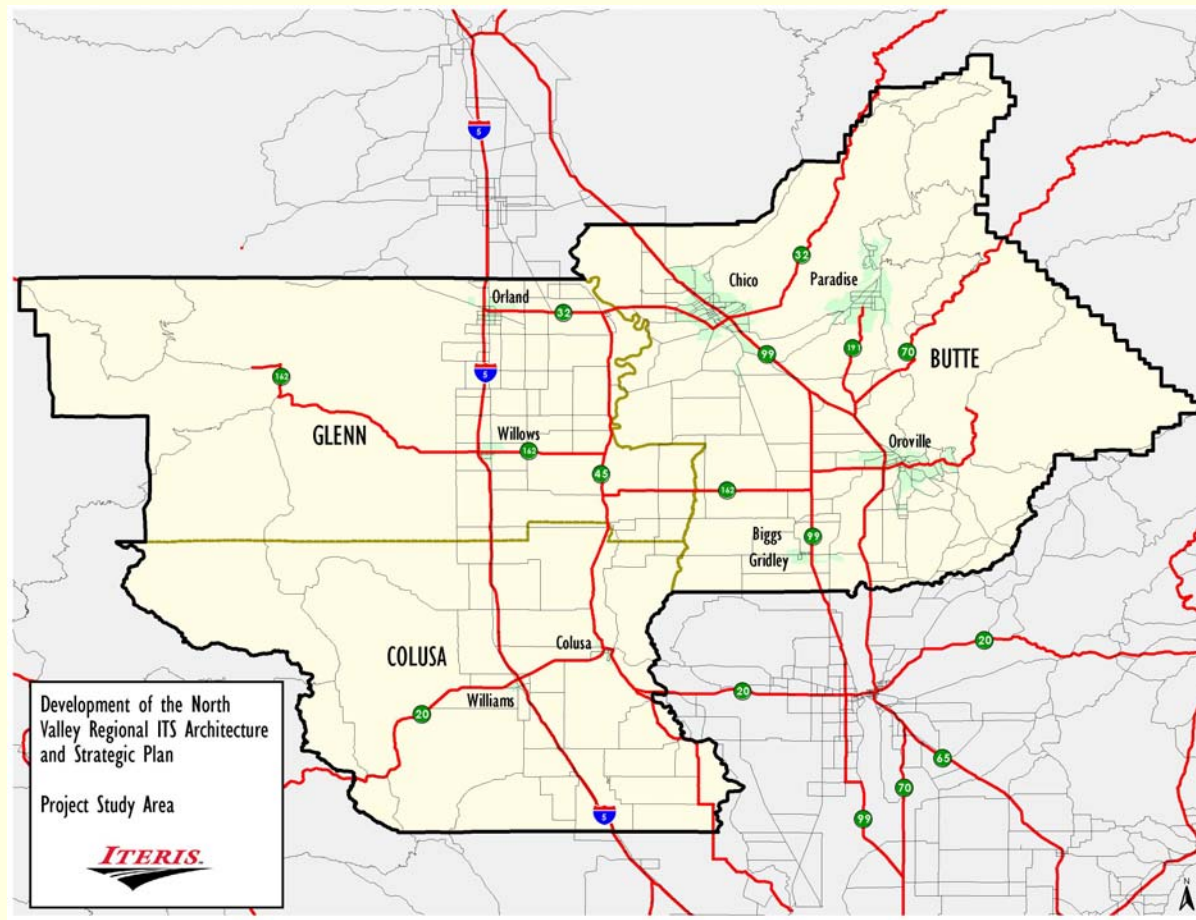
Why this project, why now?

- FHWA published a Rule (*ITS Standards and Architecture*) and FTA published a companion Policy to foster regional integration by requiring that all ITS projects funded from the Highway Trust Fund be in conformance with the National ITS Architecture and appropriate standards.
- “Conformance” is defined as using the National ITS Architecture to develop a regional ITS architecture tailored to address the local situation and ITS investment needs, and the subsequent adherence of ITS projects to the regional ITS architecture.
- Critical date for completion is April 2005
- Timing is good for adding future ITS:
 - BCAG is currently undergoing call for projects.

Project Objective

***Develop an ITS architecture
that is useful to the region
and in conformance
with FHWA/FTA guidelines.***

Map Review



Web Site URL

www.iteris.com/northvalleyITS

Questions?



North Valley
Regional ITS Architecture

