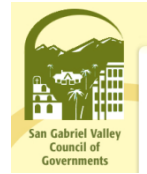




Metro



Connected Corridors I-210 Pilot Project

**City of Pasadena
City Council**



May 5, 2014

E/B Rte 210 / Metro Track Incident

April 21, 2014

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[Video Presentation Made to the Council]



Current Road Network Operations

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- **Transportation Infrastructure Not Fully Utilized**

With teamwork more can be accomplished.

- **Traveler Information Needs Upgrading**

Traffic information is can be fragmented, not very timely or not available at all when you need it most.

- **Networks Are Independently Operated**

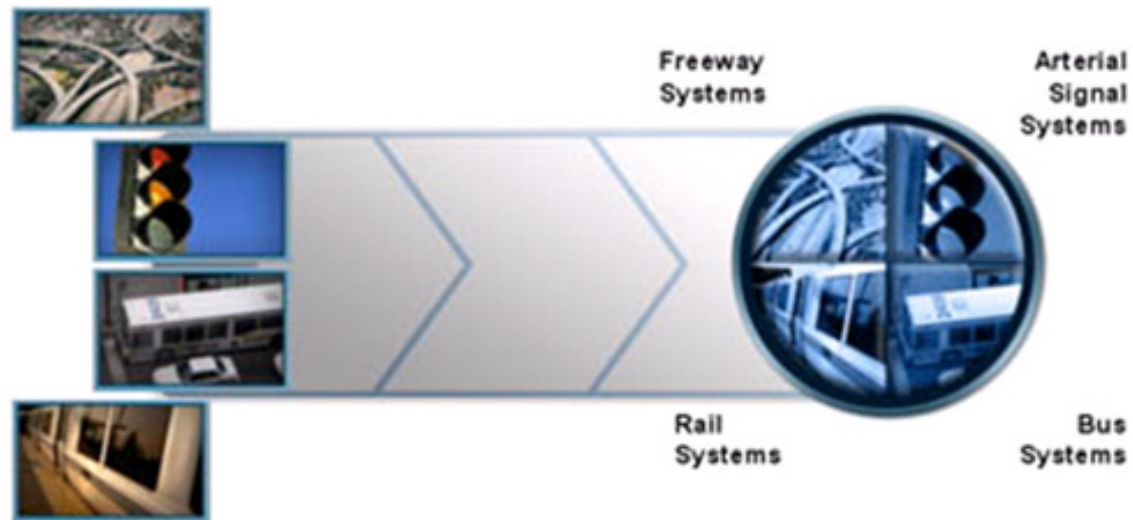
Previous efforts to "reduce congestion" have focused on improving individual networks.



Integrated Corridor Management (ICM)

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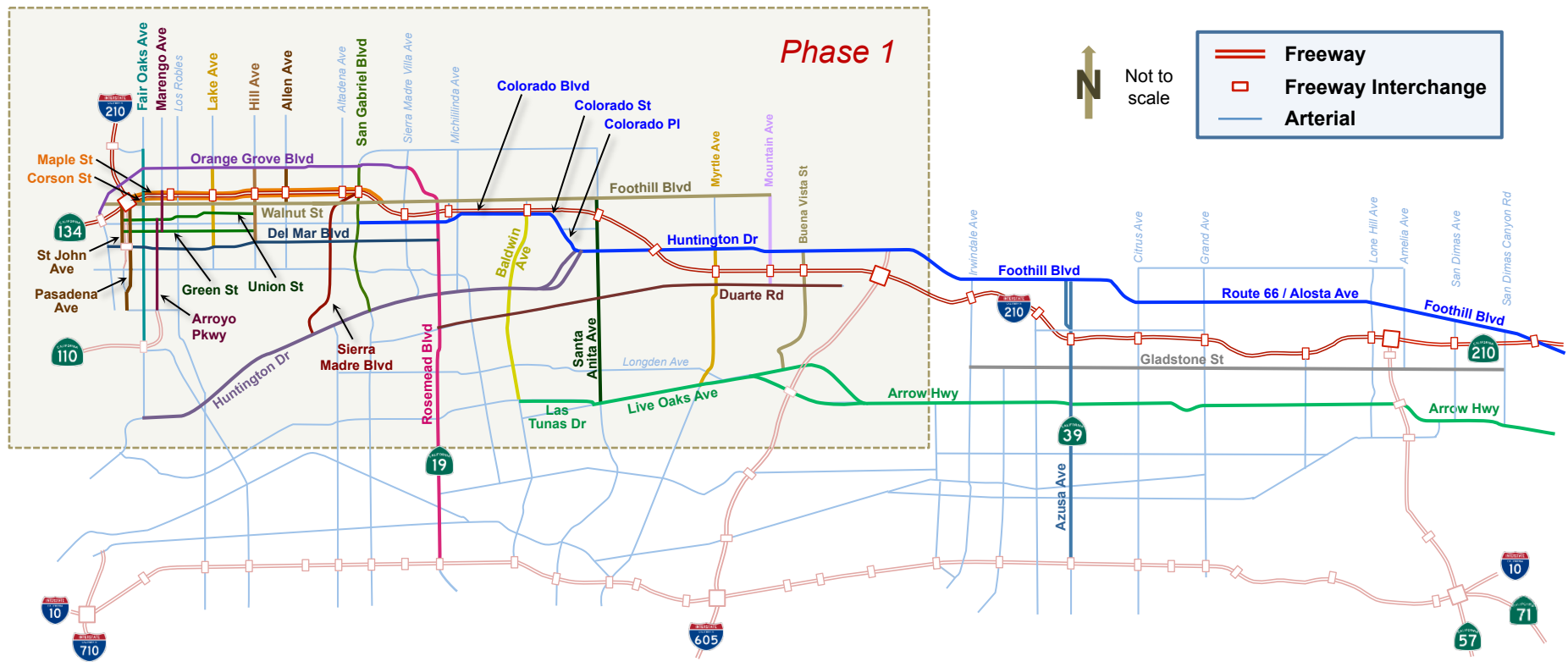
- ICM is an approach to improve mobility by integrating various networks together, so that partner agencies can manage the transportation corridor as a unified multi-modal system.



I-210 “Connected Corridor” Project Limits

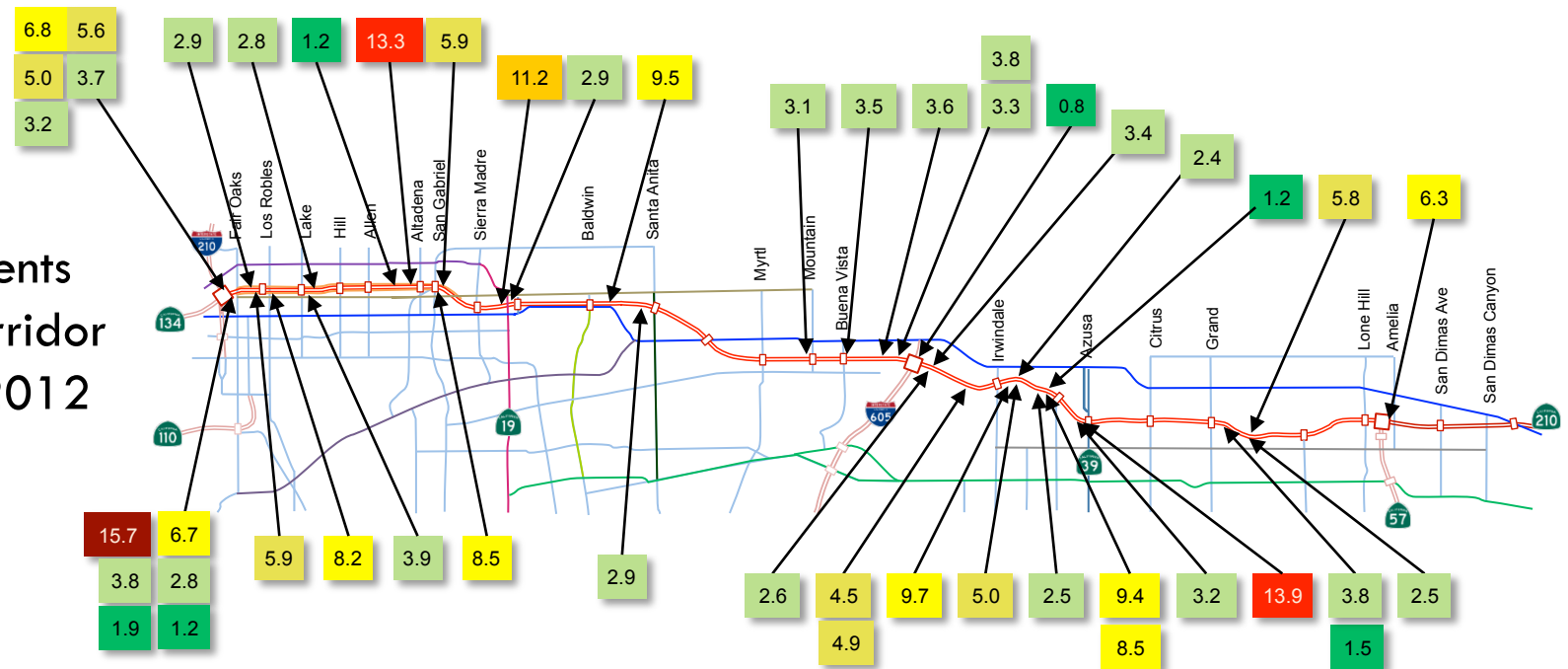
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- I-210 is a multimodal corridor ideal for ICM implementation
 - ▣ Phase I (from SR-134 to I-605 IC)



Major Incidents on I-210 (2009 to 2012)

Major Incidents on I-210 Corridor 2009 thru 2012



- In 2013 a total of about 6,000 incidents were reported within the project limits. (500 per month).

November 21, 2013 Incident on the I-210

E210 to E210 Tunnel Accident

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November 21, 2013 Incident on the I-210 E210 @ Sierra Madre

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Why ICM and I-210 Corridor

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- **By integrating networks and managing together, we can:**
 - Improve communications and coordination.
 - Allow for proactive, joint, multimodal management of assets.
 - Freeway – Arterial – Transit – Parking
 - Be working together get the most out of our existing systems.

- **Benefits to the City of Pasadena**
 - Move traffic more efficiently.
 - Help traffic that gets off the freeway get around the accident/incident easier.
 - Coordinate Caltrans on-ramps and city arterial signals to keep everybody moving.

Other ICM Efforts (United States)

- Agencies across the country are embracing the ICM approach.

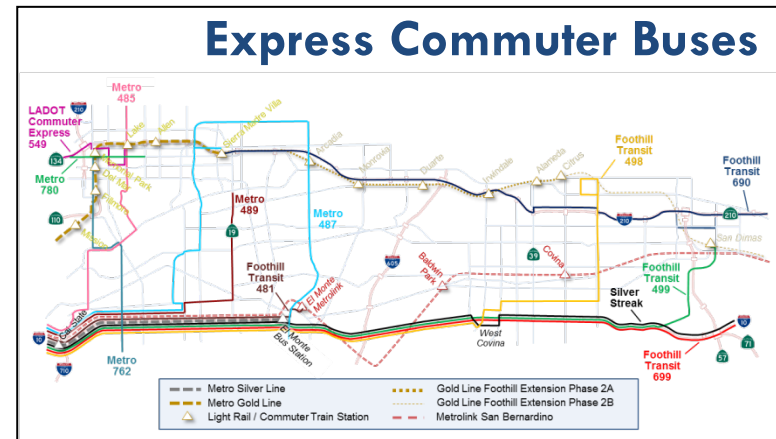
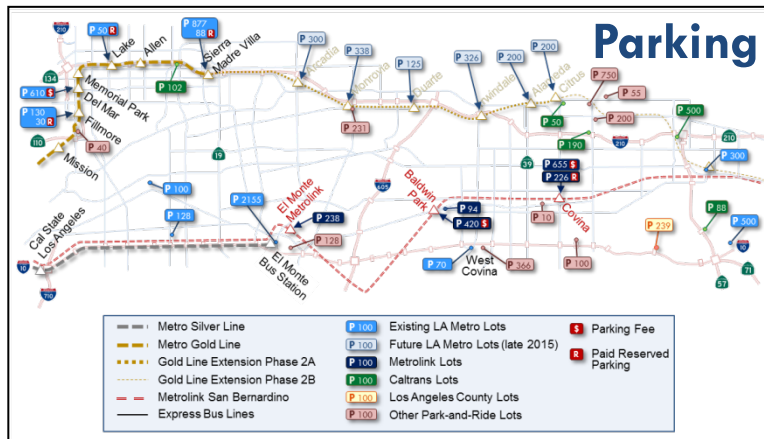
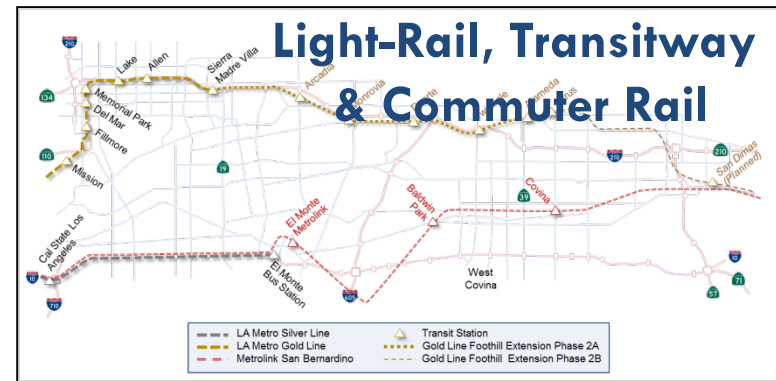
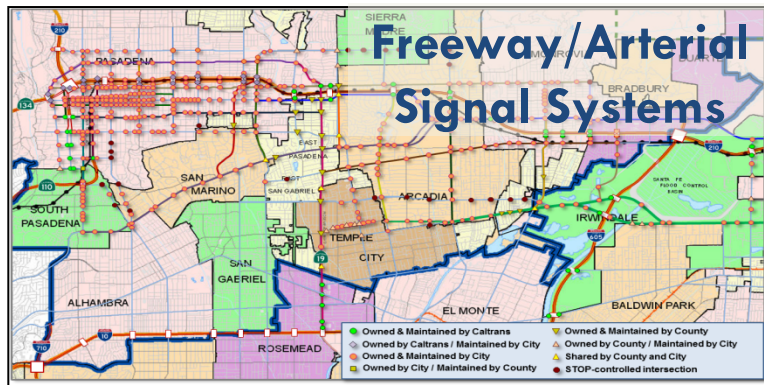
Corridor	Corridor Type	Lead Agency	Deployment
I-15 Diego	Suburban	SANDAG	System launched October 2013 Currently in evaluation phase
US-75 Dallas	Suburban & Urban	DART	System launched in April 2013 Currently in evaluation phase
I-80 Bay Area	Suburban & Urban	MTC	Groundbreaking in October 2012 Expected to be completed Summer 2015
I-95/I-395 Virginia	Rural, Suburban & Urban	Virginia DOT	ConOps development initiated in 2012 Currently under development

Change is Coming

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- Caltrans is shifting away from building more paved lanes to concentrating on how to better jointly manage our multimodal transportation networks.
- The I-210 “*Connected Corridors Pilot*” is the first *Caltrans-led* ICM effort in California.
- The I-210 Connected Corridor” pilot beginning in the City of Pasadena will be the first corridor site in the “ICM California” plan.
- The plan calls for 50 corridors in California over the next ten years.

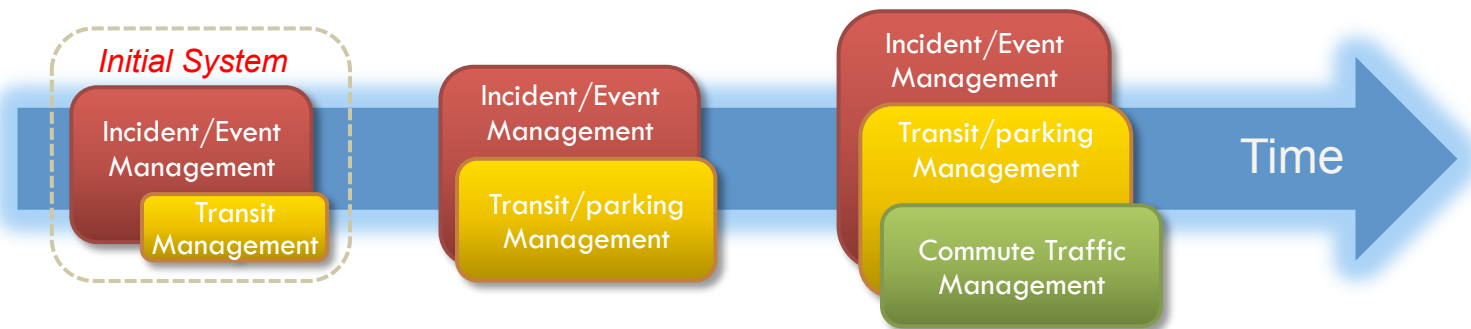
I-210 Project Corridor Assets



I-210 Pilot Project Goals and Objectives

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- Initial focus is on managing incidents/events, with gradual expansion to demand management and commute congestion

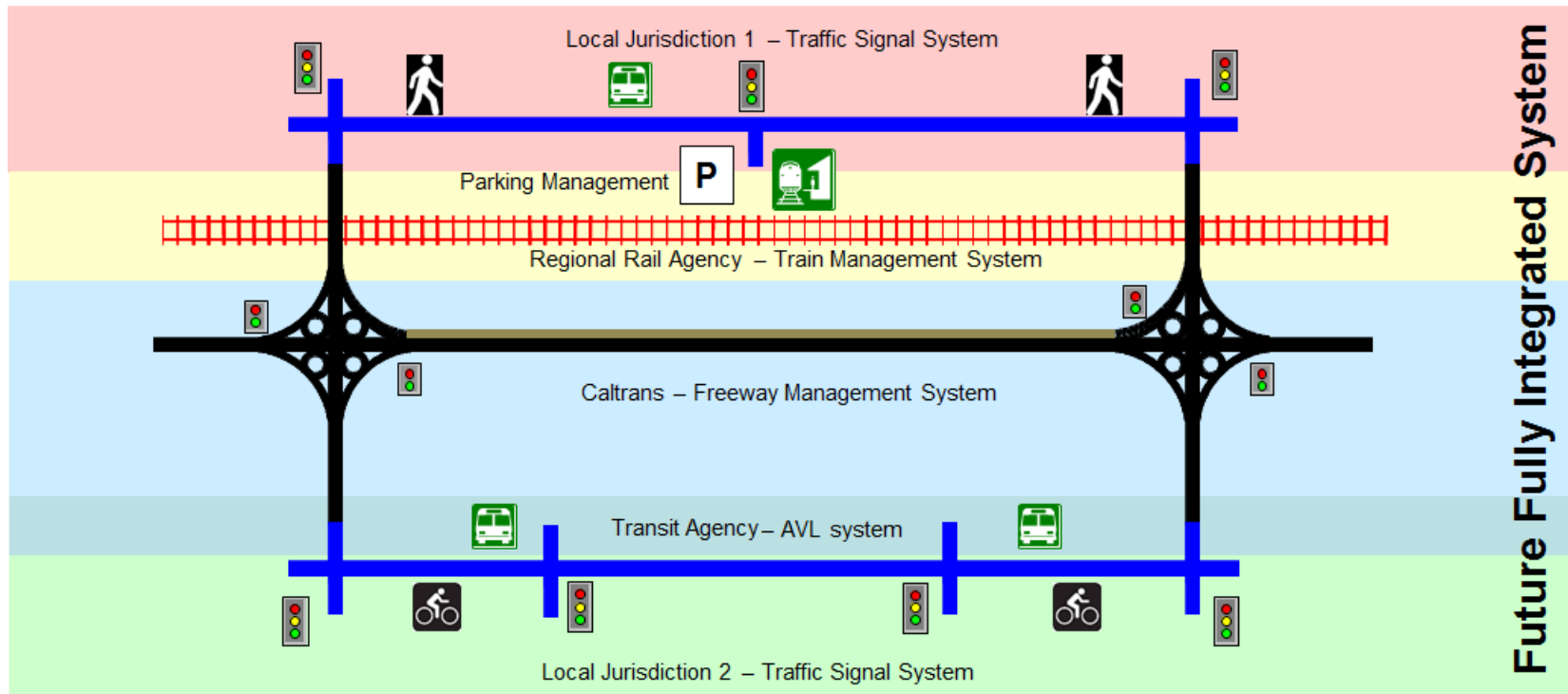


- Develop a pilot system that can be replicated on other corridors and be a model for other corridors in the state and country

I-210 Pilot Project (Summary)

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- Partner agencies can still manage their networks individually, but work together when needed to manage the corridor as a unified multi-modal system, combining advanced technologies with innovative practices.



I-210 Pilot – Contact Information

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