

# ALAMEDA CORRIDOR-EAST *San Gabriel Valley*



CMAA Southern California Chapter • August 22, 2012



# OUR CHALLENGE

- 40% of all US water borne trade goes through the Ports of LA and LB
- Cargo traffic to increase over next two decades with trains getting longer and more frequent
- Rail traffic to increase by 60%
- Vehicle congestion/delays at the San Gabriel Valley's grade crossings expected to increase by as much as 300%












# THE SOLUTION

- Study the impacts
  - Initial study in 1998
  - Follow up in 2010
- Identify mitigations
  - Safety improvements
  - Grade separations
- Seek funding
  - Federal
  - State
  - Local
- Construct improvements



# Alameda Corridor-East Corridors

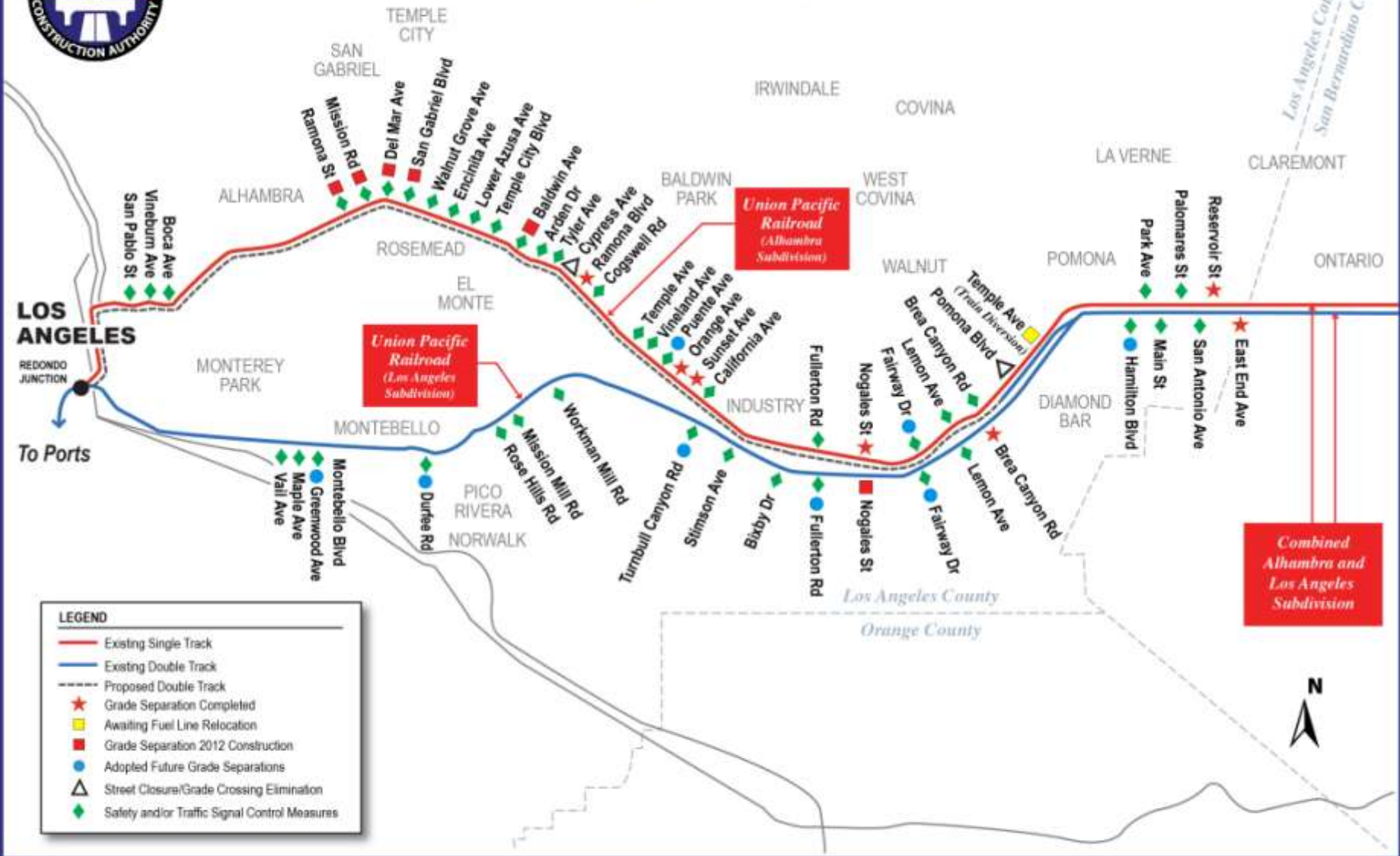


- |   |   |  |
|---|---|--|
|  Union Pacific Railroad                  |  Alameda Corridor Transportation Authority |  East LA Yard |
|  Burlington Northern Santa Fe Rail Lines |  ACE Project, San Gabriel Valley           |  Hobart Yard  |
|   |  Alameda Corridor-East Corridors           |  |



# Alameda Corridor-East Construction Authority

Los Angeles County, CA



Alameda Corridor-East Project Area



# ACE COMPLETED PROJECTS

PROJECT	LOCATION	COST	STATUS
✓ Corridor Safety Upgrade	39 grade crossings	\$34.1 million	Completed January 2004
✓ Nogales St./Valley Blvd. Grade Separation	Industry / West Covina	\$49.7 million	Completed August 2005
✓ Reservoir St. Grade Separation ✓ East End Ave. Grade Separation	Pomona	\$79.0 million	Completed December 2006 Completed June 2008
✓ Ramona Blvd. Grade Separation (Cypress St. vacated)	El Monte	\$51.4 million	Completed April 2008
✓ Brea Canyon Rd. Grade Separation	Diamond Bar / Industry	\$67.4 million	Completed October 2008
✓ Sunset Avenue Grade Separation ✓ Orange Avenue Grade Separation	Industry / LA County	\$87.4 million	Sunset Ave. opened November 2010; Orange Ave. opened March 2011



# ACE PROJECTS IN OR READY FOR CONSTRUCTION

PROJECT	LOCATION	COST	STATUS
<ul style="list-style-type: none"> <li>▪ Temple Ave. Train Diversion / Fourth Mainline Track               <ul style="list-style-type: none"> <li>▪ Temple Ave.</li> <li>▪ Pomona Blvd.</li> </ul> </li> </ul>	Pomona	\$92.1 million	ACE construction complete. Awaiting UPRR track installation.
<ul style="list-style-type: none"> <li>▪ Baldwin Ave. Grade Separation</li> </ul>	El Monte	\$80.7 million	Start construction in 2012
<ul style="list-style-type: none"> <li>▪ Nogales St. Grade Separation</li> </ul>	Industry / L.A. County	\$98.5 million	Start construction in 2012
<ul style="list-style-type: none"> <li>▪ San Gabriel Trench Grade Separations:               <ul style="list-style-type: none"> <li>• Ramona St.</li> <li>• Mission Rd.</li> <li>• Del Mar Ave.</li> <li>• San Gabriel Blvd.</li> </ul> </li> </ul>	San Gabriel	\$498.5 million	Start construction in 2012



# CONSTRUCTION IN 2012

## Baldwin Avenue Grade Separation

City of El Monte



Existing Crossing



Construction contract to be awarded and work to begin in Fall 2012.

Will create 1,370 jobs.

Project will eliminate collisions, congestion, train horns, crossing alarms and reduce local traffic noise.





# CONSTRUCTION IN 2012

## Nogales Street Grade Separation

City of Industry/County of Los Angeles

Construction contract to be awarded and work to commence in Fall 2012.

Will create 1,480 jobs.



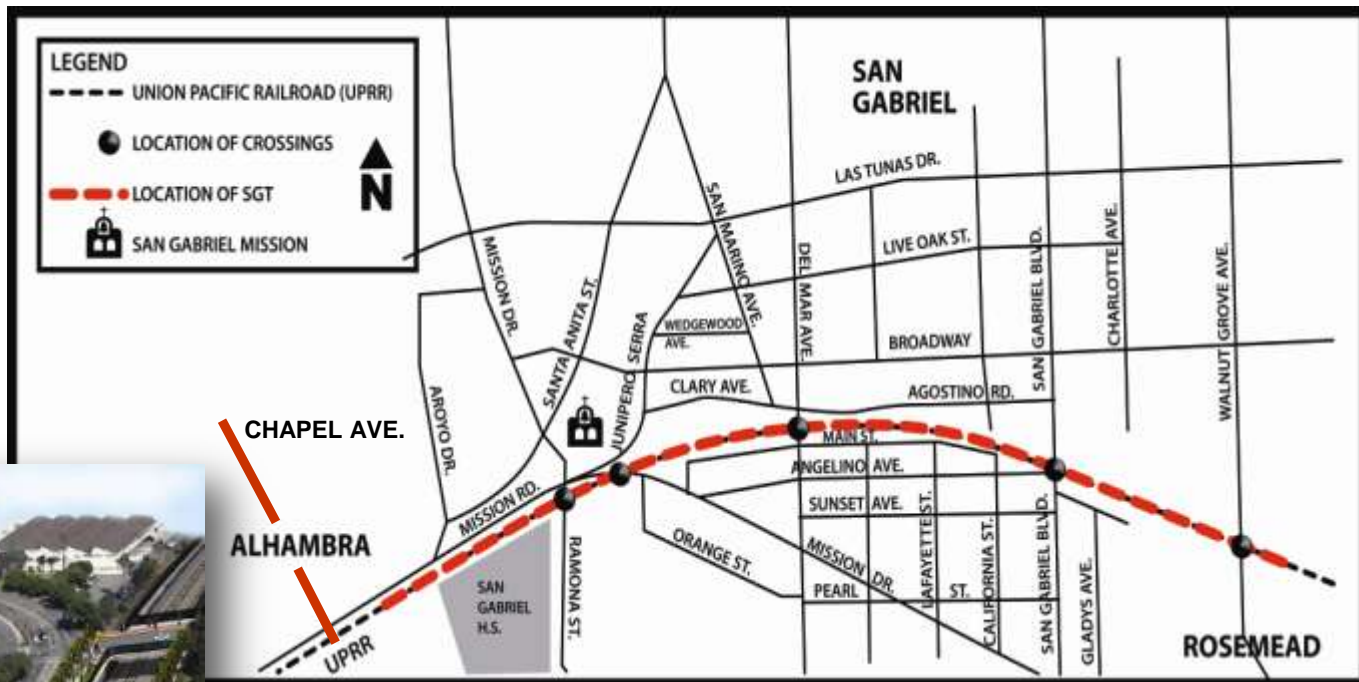
Existing Crossing



# CONSTRUCTION IN 2012

## San Gabriel Trench

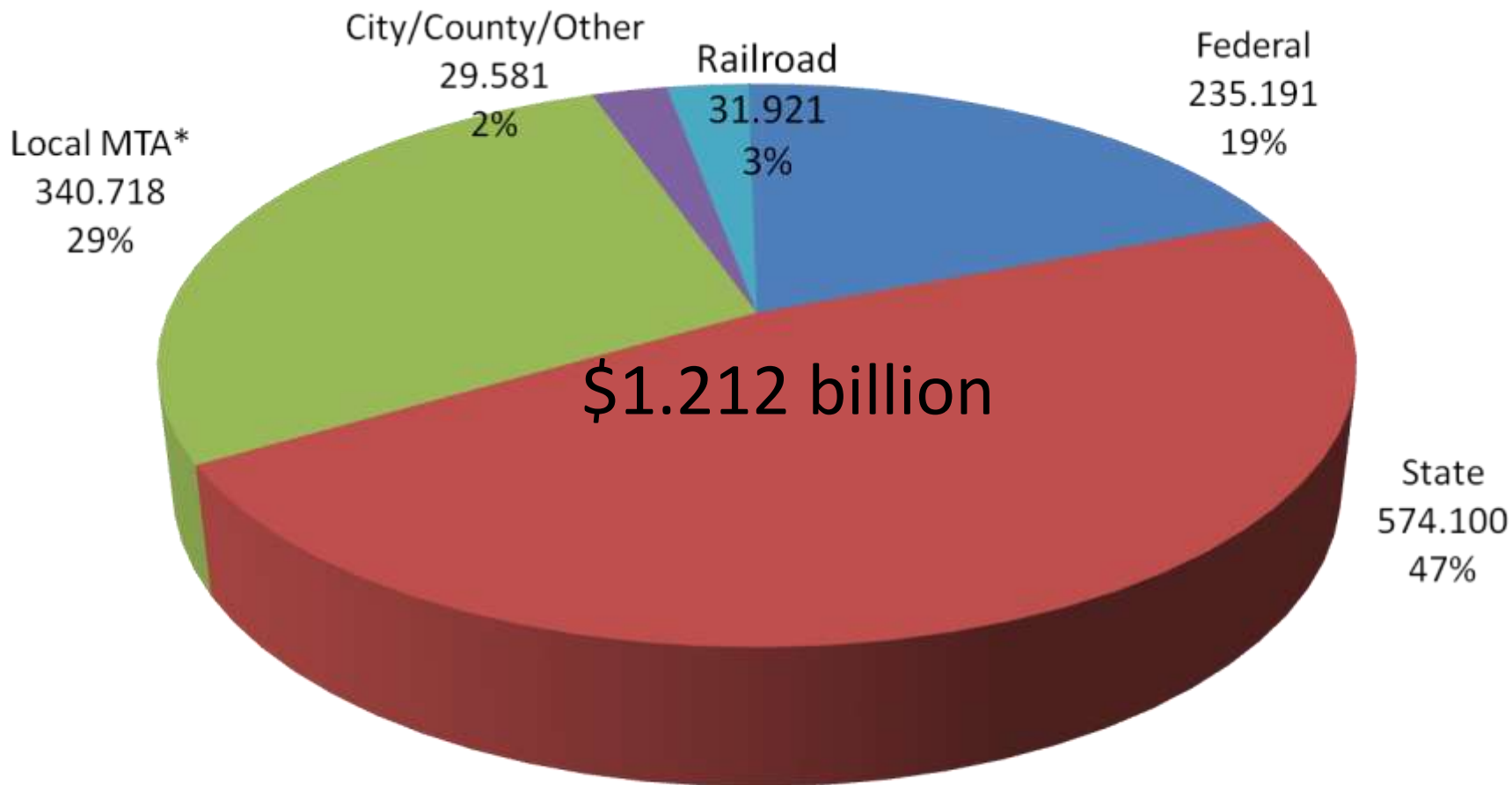
City of San Gabriel



1.4-mile, 30-foot-deep, 65-foot-wide train trench with bridges at four street crossings. Main construction contract awarded in July with work to begin in Fall 2012. Project will create 8,964 jobs.



# FUNDS COMMITTED TO DATE



\*Does not include as yet unprogrammed Measure R (\$358 million) funding

Total: \$1.212 billion



# ADOPTED PHASE II GRADE SEPARATIONS

LOCATION	GRADE SEPARATION TYPE	JURISDICTION	COST EST. (IN MILLIONS)	2025 VEH/HRS DELAY
Fullerton Road (LA Sub.)	Road Underpass	Industry/LA County	\$142.5	115.4
Greenwood Avenue (LA Sub.)	Road Underpass	Montebello	\$69.6	57.9
Hamilton Boulevard (Alhambra/LA Sub.)	Road Underpass	Pomona	\$76.0	36.8
Fairway Drive (Alhambra Sub.)	Railroad Flyover	Industry/Walnut	\$82.8	87.6
Turnbull Canyon Road (LA Sub.)	Road Underpass	Industry/LA County	\$96.0	38.9
Fairway Drive (LA Sub.)	Road Underpass	Industry/LA County	\$106.7	62.5
Puente Avenue (Alhambra Sub.)	Road Underpass	Industry/LA County	\$87.5	31.5
Durfee Avenue (LA Sub.)	Road Underpass	Pico Rivera	\$69.0	34.0
<b>TOTAL</b>			<b>\$730.1</b>	
<b>UNALLOCATED FUNDS AVAILABLE</b>			<b>\$460.6</b>	
<b>SHORTFALL</b>			<b>\$269.5</b>	