

# Chief Capital Management Officer's Report

June 18, 2009

# Metro Gold Line Eastside Extension

## Project Update

### June 2009



- 6 Mile Alignment
- 1.7 Miles of Tunnel
- 8 Stations (6 At-grade & 2 Underground)
- Park & Ride Facility
- Direct Connection to the Pasadena Metro Gold Line
- \$898.8 million
- On-Time/Within Budget
- Over 4 million Safe Work Hours
- Opens in Mid-2009

# Metro Gold Line Eastside Extension

## Overall Construction Progress

### June 2009

- The Project is in the final systems installation and testing phase.
- Work on the architectural finishes and landscaping at the two underground and six at-grade stations is nearing completion.
- The Design-Build Contractor has worked over 4 million hours without a lost-time accident since the start of construction which began in July 2004.
- Metro Rail Operations has begun running trains to provide familiarization training for the train operators and operations maintenance personnel.
- Metro Safety Ambassadors continue their efforts to observe and advise the community on rail safety.

# Metro Gold Line Eastside Extension Light Rail Transit Stations



LittleTokyo/  
Arts District



Pico/Aliso



Boyle Heights/  
Mariachi Plaza



1st/Soto



Maravilla



Indiana Station



East Los Angeles  
Civic Center



Pomona/Atlantic



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# Metro Gold Line Eastside Extension Underground Station Construction 1<sup>st</sup>/Boyle and 1<sup>st</sup>/Soto



Boyle Heights/Mariachi Plaza Station



Soto Station

Installation of the station finishes is being completed at the two underground stations including the station entrances, canopies and plazas.

# Metro Gold Line Eastside Extension At-Grade Station Construction



Little Tokyo/Arts District Station



ELA Civic Center Station

The remaining major construction activities at the at-grade stations involve the completion of the station canopies and the installation of lighting, signage, ticket fare vending and communications equipment.

# Metro Gold Line Eastside Extension At-Grade Station Construction Station Landscaping and Plazas



Little Tokyo/Arts District Station



Indiana Station

The planting of landscaping is nearly complete at all of the six at-grade stations.



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# Metro Gold Line Eastside Extension Metro Rail Operations Training



The first powered-Light Rail Vehicle test occurred on March 10, 2009.

During the past month, Metro train operators have been receiving training while operating trains in both directions along the entire six-mile alignment during their familiarization training period.

Metro Rail Operations and Maintenance staff are also receiving training during the installation and testing of the systems equipment.

# Metro Gold Line Eastside Extension Safety Outreach & Education

- School Safety Presentations: 60 schools, 58,915 students within 1.5 miles complete
- 23,400 students within .5 miles, second training complete
- All senior centers have been trained: 2,300 senior citizens
- Safety training to over 300 staff at Kaiser and White Memorial Medical Center
- 85,000 safety door hangers distributed.
- 10 Community Safety Presentations Completed

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## Watch for trains on Metro Gold Line tracks

Safety begins with you.

- 1 Exercise caution at all times. Watch for "TRAIN" signal.
- 2 Always wait for a "walk" signal before entering the crosswalk.
- 3 Always use the crosswalk. Never jaywalk across the tracks.
- 4 Never make a left turn on a red arrow. This will be enforced by cameras at each intersection.
- 5 Right turns are allowed while a Gold Line train is passing through but may be restricted at certain intersections.

Testing is now underway.

Metro has begun testing trains along the Gold Line Eastside Extension.

Please pay careful attention at all train crossings when walking, biking or driving. Be alert at all times. Always look both ways and listen before you cross the train tracks.

Safety begins with you! Thanks for your cooperation.

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# Metro Gold Line Eastside Extension Safety Outreach & Education



New Metro Experience mobile theatre at appearances throughout the community

Site-specific, station by station safety education video featuring the intersections along the alignment

# Metro Gold Line Eastside Extension Safety Outreach & Education



## Metro Ambassadors!



- Twelve Rail Ambassadors at 8 strategic locations: 1<sup>st</sup>/Temple, 1<sup>st</sup>/Alameda, 1<sup>st</sup>/Utah, 1<sup>st</sup>/Lorena, 1<sup>st</sup>/Indiana, 3<sup>rd</sup>/Indiana, 3<sup>rd</sup>/Mednik and 3<sup>rd</sup>/Atlantic – March 30 to September 30.
- Safety Tips advertisements in 10 publications in April, May and June: circulation 1.6 million.
- Safety Fair sponsored by Supervisor Gloria Molina
- Premiered a new Eastside Safety Video featuring the communities along the alignment.

M-F: 6:30am-9:30am  
and 3:30pm-6:30pm

S-S: 10:30am-3:30pm



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# Metro Gold Line Eastside Extension Safety Outreach & Education

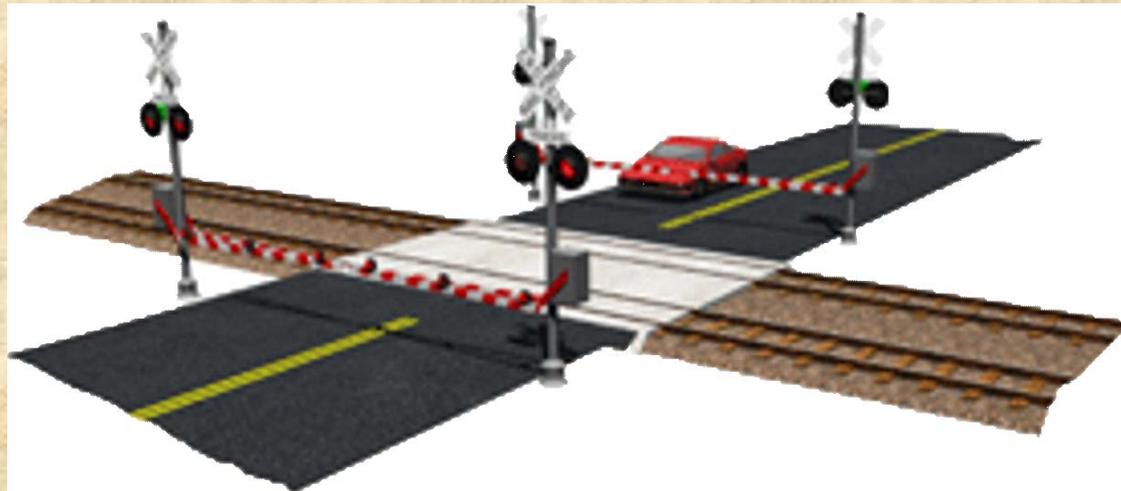
After the line opens:

- Ambassadors will remain in place until September 30, 2009
- All students will receive Safety Orientation Tours
- Metro Experience mobile theatre will make appearances at community events
- Yearly safety training for every school



# Metro Gold Line Eastside Extension

## Feasibility of Four Quadrant Gates



**Construction Committee Meeting  
June 2009**

# Metro Gold Line Eastside Extension

## Feasibility of Four Quadrant Gates

### NECESSARY STEPS

#### **Step 1 – Determine Feasibility (\$80,000-\$100,000) 4-6 months**

- Board Authorization to Fund Step 1**
- Conceptual Layout**
- City & County Review**
- CPUC Feedback**

#### **Step 2 – Implementation Phase (\$20-\$30 million) 3-6 years**

- Determine Funding Source**
- Board Authorization to Fund the Project**
- Environmental Analysis**
- CPUC Hazard Analysis Studies**
- Preliminary Engineering & Final Environment Approval**
- Final Design**
- City & County Design Approvals**
- CPUC Crossing Application Approval**
- Procurement Process**
- Grade Crossing Equipment Installation & Testing**
- CPUC Approval to Operate**

# Metro Gold Line Eastside Extension Feasibility of Four Quadrant Gates **CURRENT STATUS**

- The design and installation of Photo Enforcement for the Metro Gold Line Eastside Extension was initiated under Metro Corporate Safety more than a year before the December 2008 Board Action.
- Corporate Safety's consultant has recently completed the Photo Enforcement design for 14 key intersections in both the County of LA and City of LA portions of the alignment.
- Metro is working with the County Department of Public Works to determine if the traffic loops and underground conduits required for the Photo Enforcement equipment can be installed by the street improvement construction contractor that is currently under contract with the County of LA.
- Metro has formed a Task Force group with the County of LA and City of LA to study the addition of crossing gates along the Metro Gold Line Eastside Extension alignment.



# I-405 Sepulveda Pass Widening Project

## Project Update

### June 2009





# I-405 Sepulveda Pass Widening Project

## Project Cost

### Current Estimate

- \$1.034 billion

### Potential Change Orders:

- None

# I-405 Sepulveda Pass Widening Project

## Funding Plan

(in \$ Million)

Source	Programmed	Available	Expended	Unexpend.	Remaining
State TCRP	\$90.0	\$42.0	\$28.0	\$14.0*	\$48.0
State CMIA	\$614.0	-	-	-	\$614.0
Federal SAFETEA-LU	\$117.0	\$117.0	3.0	\$114.0	-
Federal ARRA	\$189.9	\$189.9	-	\$189.9	-
Federal RSTP	\$10.1	\$10.1	-	\$10.1*	-
Prop C 25%	\$13.0	\$13.0	\$3.2	\$9.8	-
<b>TOTALS</b>	<b>\$1,034.0</b>	<b>\$372.0</b>	<b>\$34.2</b>	<b>\$337.8</b>	<b>\$662.0</b>

\* \$24.1 million currently available for termination costs; the options for securing the balance of \$5.9 million include:

1. Private Placement Bonds
2. LONP against \$48.0 million of future TCRP
3. Reserve \$6.0 million out of Prop 1B Bond
4. Caltrans Statewide Highway Program Funding



# I-405 Sepulveda Pass Widening Project Status

- Funding still set at \$372M
- Contract signed and NTP given to Kiewit  
2June09
- Kiewit, MTA and Caltrans have moved into the  
IPO office
- Staffing:
  - Kiewit - 40 staffs in IPO
  - HNTB - to start working in IPO Mid June
  - MTA /CT - 50% of planned staffs in IPO



# I-405 Sepulveda Pass Widening Project **Status (cont'd)**

## **Field work**

- Surveying work for I-405 North and South bound directions to begin 6 June 09
- Geotechnical investigations to begin in June 09 time frame

## **Design**

- HNTB working on project off site and will not be in IPO until mid June
- Key issue for design is QAQC process



# I-405 Sepulveda Pass Widening Project **Status (cont'd)**

## **Community activities:**

- Westwood community meeting set for 23 June 09 to discuss sound wall and construction alternatives adjacent to their properties.
- Double left turn across Sunset to be removed from project (not EIS/EIR). Letter stating this to be sent out to communities 5 June 09.

## Exposition Light Rail Transit Project



Monthly Project Status Update  
June 18, 2009

# PHASE 1



## Design

- Baseline Design is approximately 96% complete
- Venice/Robertson design is approximately 97% complete

## Construction

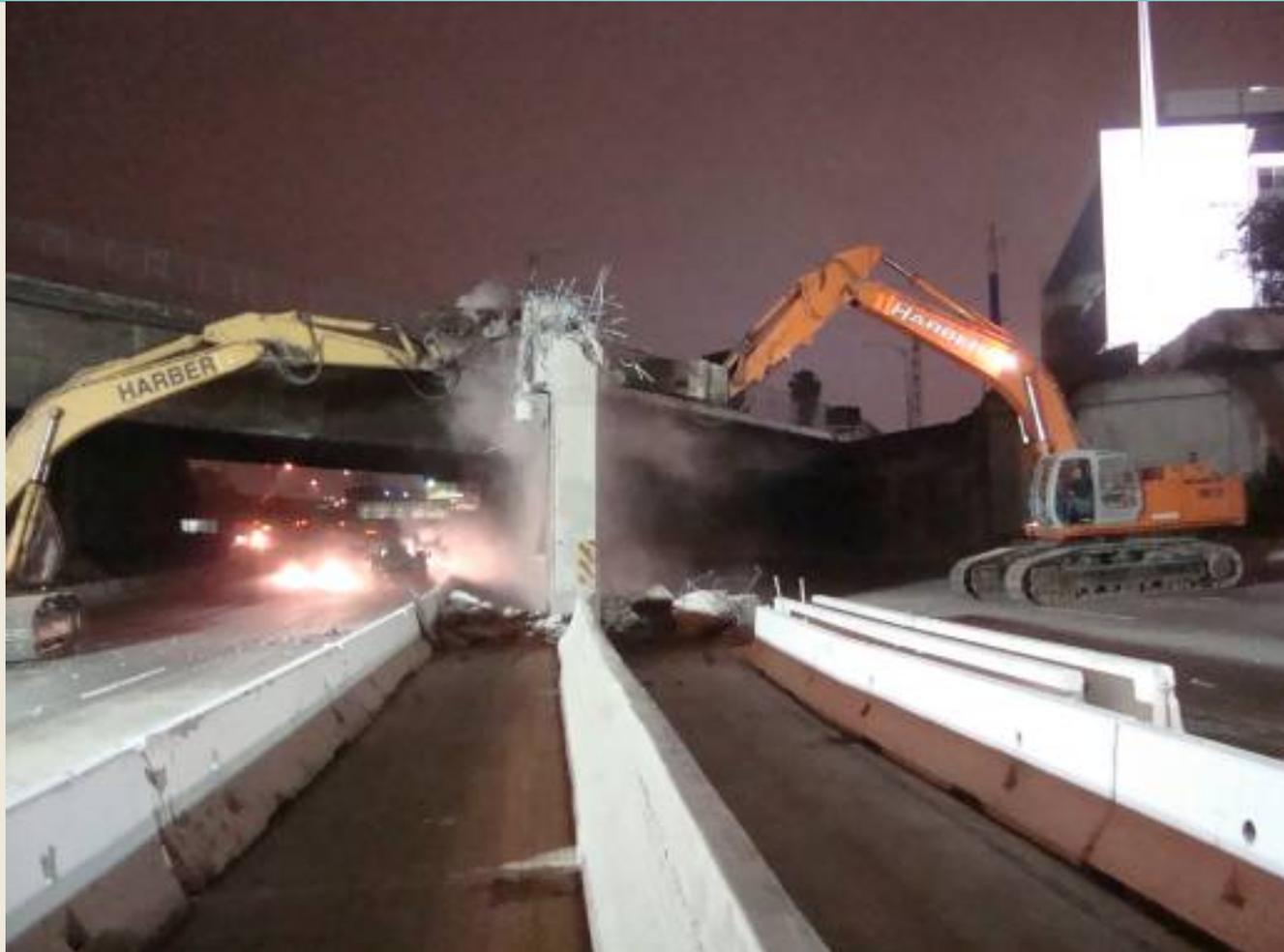
- Construction is approximately 40% complete

## Construction Packages

- Negotiated 16 of the 20 construction packages totaling \$385 million

## Project Budget

- Currently within the construction and overall project budget
- There are still outstanding issues that could pose a significant risk to the budget



**Column Demolition on I-110 Freeway in Preparation for Flower Street Bridge Retrofit**



Demolition of Shoulder Along Southbound I-110 Freeway





Structural Backfill for West Side of National Boulevard Bridge



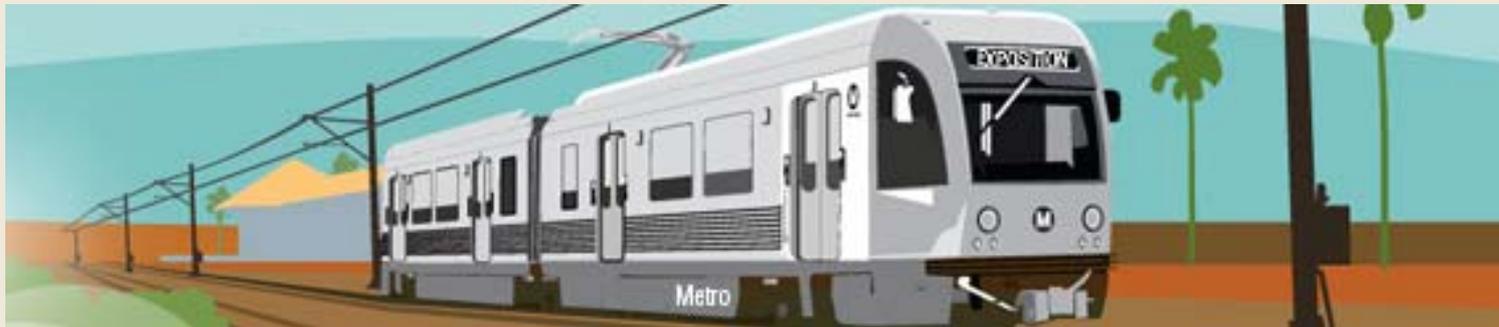


Removal of Shoring at National Boulevard

## Project Schedule

- **Contractor's latest schedule update shows a 44-week project delay**
  - Delay in completing the cable design for LADWP overhead power lines at the La Cienega structure is driving most of the delay
  - Delay in starting construction of the access road in front of LA Trade Tech College due to material approvals for LADWP water line installation
  - Delay in starting the Flower/Adams overcrossing due to contractor delay in submitting required documents for Caltrans permits and approval
  - Delays in the wire pulling associated with LADWP overhead power lines at the La Brea structure
  - Contractor is currently re-evaluating the project completion schedule
- **Areas of potential further delay**
  - Changes to the Farmdale Avenue Grade Crossing
  - Culver City Aerial Station
  - Storage and Inspection Facility
  - Blue Line Tie-In

# PHASE 2



## Final Environmental Impact Report (FEIR)

- Issued Notice to Proceed (NTP) for AECOM to continue and complete FEIR by end of this year
- Finalizing DEIR comment database to track 9,000+ comments received during public comment period
- Phase 2 team is reviewing DEIR comments and meeting with agencies to discuss and resolve their comments

## Design-Build Procurement

- Industry Review meeting was held on May 18<sup>th</sup> at 10:30 am in Culver City at the Veterans Memorial Complex
  - Approximately 77 people attended
  - Requested submission of *Letters of Interest* from potential Design-Build candidates by June 2009
  - Will schedule one-on-one meetings with interested firms in September 2009
- Staff is currently developing the Request for Proposals for release in October

<b>Phase 2 Milestones</b>		
<b>Activity</b>	<b>Forecast Completion Date</b>	<b>Status</b>
<b>Scoping Meetings &amp; Report</b>	<b>May 2007</b>	<b>Complete</b>
<b>Screening of Alternatives</b>	<b>Oct 2007</b>	<b>Complete</b>
<b>Administrative Draft to FTA</b>	<b>Nov 2008</b>	<b>No longer applicable</b>
<b>Conversion to CEQA Document</b>	<b>Dec 2008/Jan 2009</b>	<b>Complete</b>
<b>Public Comment Period/Hearings on DEIR</b>	<b>Jan/Mar 2009</b>	<b>Complete</b>
<b>Board Discussion of Preferred Alternative</b>	<b>April 2009</b>	<b>Complete</b>
<b>Board Adoption of Final EIR</b>	<b>Dec 2009/Jan 2010</b>	
<b>Design-Build Contract Award</b>	<b>Feb/Mar 2010</b>	



# **Metro Orange Line Extension**

## **Project Update**

### **June 18, 2009**



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# Metro Orange Line Extension



## Three Routes:

- o Existing North Hollywood to Warner Center to remain
- o New North Hollywood to Chatsworth Route
- o New Chatsworth to Warner Center Route

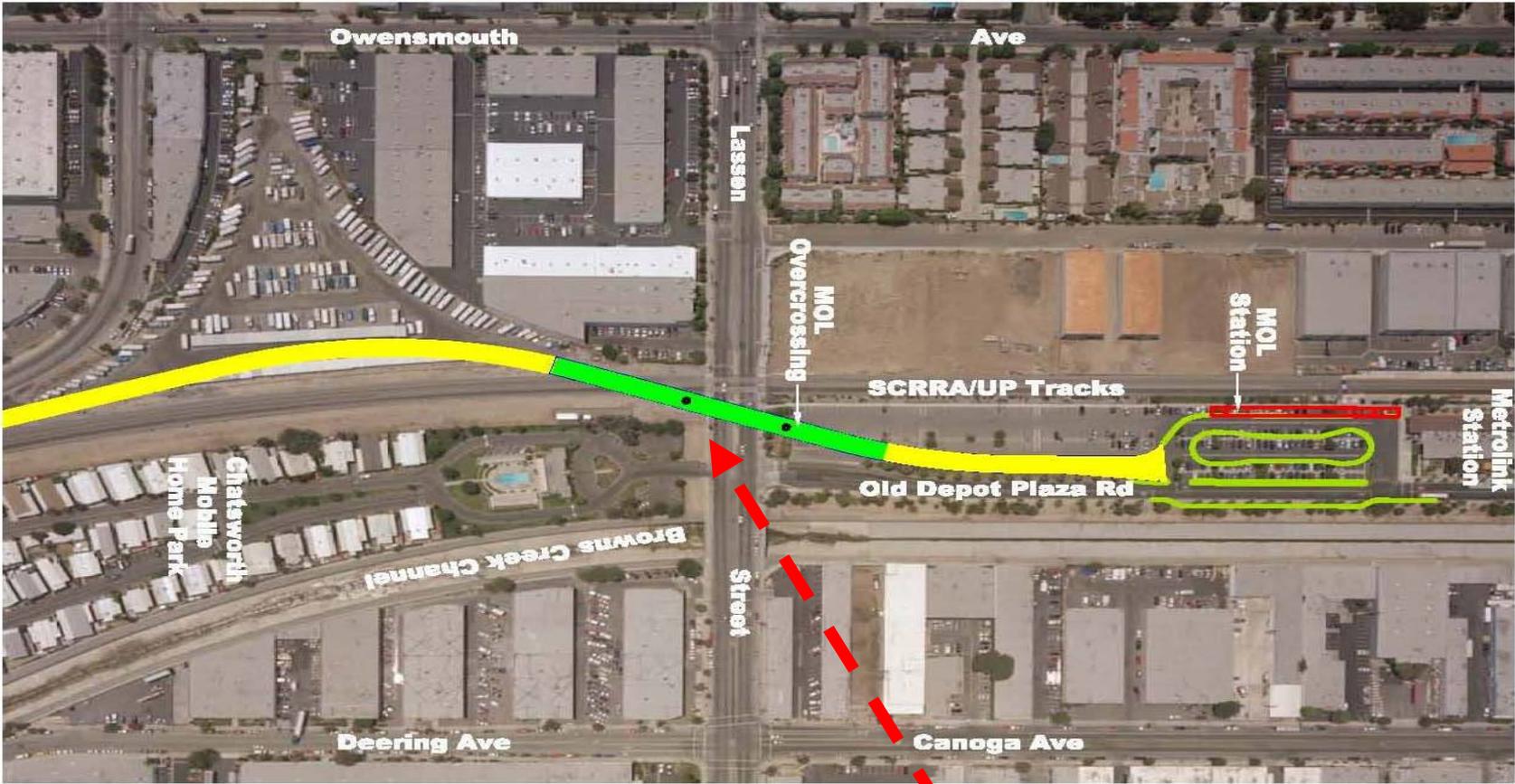
# Metro Orange Line Extension

- **Initiated Real Estate Actions to Terminate Leases and Acquire Easements. Forecast Completion in December 2009.**
- **Submitted Application to the CPUC for Proposed Lassen/Railroad Overcrossing Grade Separation. Forecast Approval in September 2009.**
- **Awarded Contract C0941 North Parking Lot (at Chatsworth Metrolink Station) on June 3, 2009. Forecast Construction Completion in October 2009.**
- **Authorized SCRRA to Complete SCRRA/UP Modification Work Required Prior to Bridge Construction Over Operating Railroad by November 2009.**
- **Authorized LADWP to Design Overhead Power Relocation on Lassen Street. Relocations to be Completed Prior to Bridge Construction Over Lassen Street.**

# Metro Orange Line Extension

- Issued For Bid Contract C0943 Design-Build on June 12, 2009. Forecast Award in October 2009.
- Completed 95% Final Design of Lassen Street Improvements (Portion of Contract C0944) and Requested City of Los Angeles to Submit CPUC Application for Modifications to At-Grade Rail Crossing on Lassen Street.
- Completed 70% Final Design of Lassen/RR Overcrossing (Portion of Contract C0944) and Submitted to SCRRRA/UP/City for Review.
- Forecast to Issue For Bid Contract C0944 in August 2009 and Award in Fall 2009.
- Continue Coordination with City of Los Angeles, Utility Companies and Other Third Parties.

# Metro Orange Line Extension



-  = Three-Span Bridge
-  = Bridge Approaches

**Lassen/Railroad Overcrossing Location  
(Project's Schedule Critical Path)**

