Item # 29

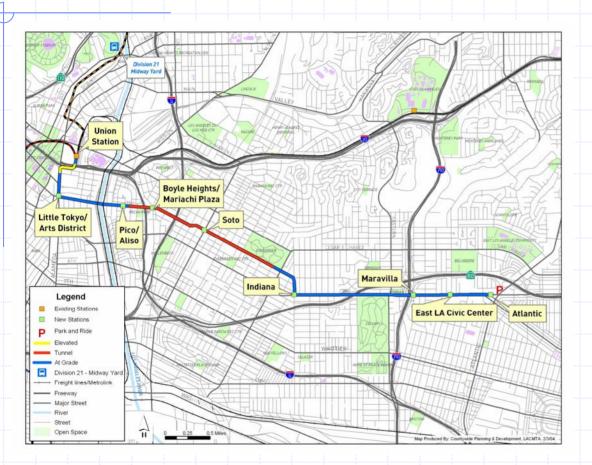
## Chief Capital Management Officer Report

## March 20, 2008



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## Metro Gold Line Eastside Extension Project Update March 2008



Metro

6 Mile Alignment

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- 1.7 Miles of Tunnel
- 8 Stations (6 At-Grade and 2 Underground)
- Park & Ride Facility at Pomona/Atlantic
- Direct Connection to the Pasadena Metro Gold Line at Union Station

Gold

Line 2

- \$898.8 million
- Opens in 2009

## Metro Gold Line Eastside Extension Recent Major Accomplishments March 2008

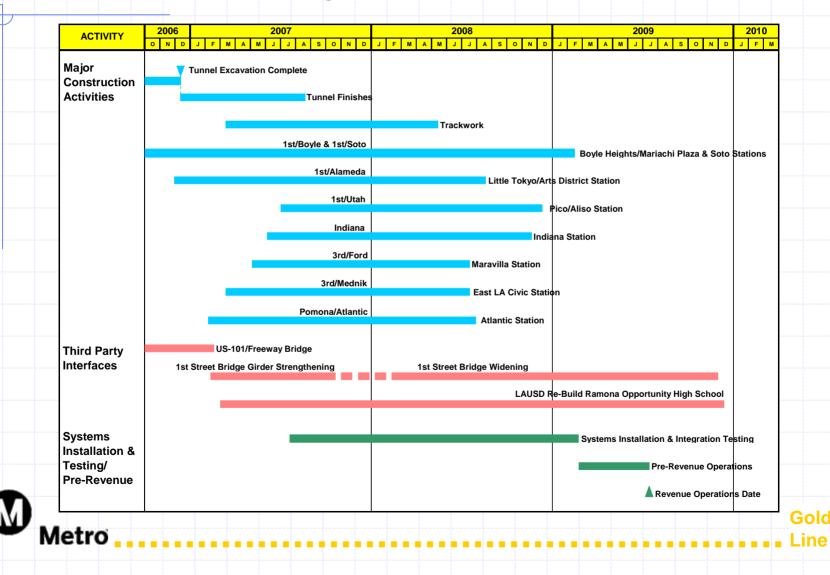
- Construction is approximately 78% complete.
- Over 2.7 million work hours since the start of construction in July 2004, without an accident requiring a single day-away from work.
- The track and guideway work on the LA River 1<sup>st</sup> Street Bridge was completed on-time within the 30-day full traffic closure, that was implemented on January 28, 2008. The City of Los Angeles plans to begin construction of their Phase 3 Widening Construction Contract before the end of March 2008.
- Underground construction of the West Portal, 1<sup>st</sup>/Boyle Station, 1<sup>st</sup>/Soto Station and the East Portal has progressed to the point at which the temporary concrete street deck panels will be removed in stages from Westto-East beginning in late-March 2008; followed by street restoration that will be completed at the last location by early summer.
- Significant progress has been made in the delivery and installation of the Traction Power Sub-Stations and the installation of catenary poles and wires along 3<sup>rd</sup> Street.
- The Metro Gold Line Eastside Extension Project is on-time and within budget.



Gold

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## Metro Gold Line Eastside Extension Overview of Major Construction Activities



4

## Metro Gold Line Eastside Extension LA River 1<sup>st</sup> Street Bridge



Metro

Two-way traffic was restored to the LA River 1<sup>st</sup> Street Bridge after a 30-day full closure that began on January 28, 2008. All of the work was completed on-time within the 30-day closure and Metro's contractor has completed the track and guideway installation.

The City of LA plans to begin construction of the final phase of the Bridge Widening Project in March 2008.



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## Metro Gold Line Eastside Extension Street Closures Schedule For Temporary Street Decking Removal

Location	Start	Finish	March 2008					April 2008				May 2008			June 2008				July 2008			August 2008				September 2008							
			3/2	3/9	3/16	3/23	3/30	4/6	4/13	4/20	4/27	5/4	5/11	5/18	5/25	6/1	6/8	6/15	6/22	6/29	7/6	7/13	7/20	7/27	8/3	8/10	8/17	8/24	8/31	9/7	9/14	9/21	9/28
1st/Gle	SS																																
Full Closure	03/28/08	04/07/08																															
Partial Closures - Weekend only	03/29/08	04/20/08																															
1st/Boy	le																																
Full Closure	04/11/08	05/05/08																									1						
Partial Closures - Weekend only	04/25/08	06/08/08																															
1st/Sot	to																																
Full Closure	05/09/08	06/02/08																															
Partial Closures - Weekend only	06/13/08	08/10/08																															
1st/Lore	na																																
Full Closure	06/06/08	06/30/08																															
Partial Closures - Weekend only	08/15/08	09/21/08																															



metro

# Metro Gold Line Eastside Extension Street Closures

For Temporary Street Decking Removal

#### Full vs. Partial Street Closures:

- Shortens the overall time of impacts to the community.
- Partial street closures create piecemeal construction operations and temporary traffic detours, which causes reorientation and possible confusion to motorist and pedestrians.
- Detours have been coordinated with LADOT and Caltrans to create "soft" closures for local access and "hard" closures to prevent traffic from entering the construction sites on the streets where deck removal and street restoration occurs.
- Emergency vehicle access and pedestrian access to residences and businesses will be maintained during the closure periods.
- Site specific briefings will be provided at monthly RAC meetings, along with distribution of construction notices for each area.



Gold

## Metro Gold Line Eastside Extension Portal to Underground Construction



View from 1<sup>st</sup> Street LRT Guideway to West Portal

West Portal

Construction of the track guideway and the Pico/Aliso Station between the 1<sup>st</sup> Street Bridge and West Portal is underway. Removal of the temporary concrete street decking at the West Portal is planned to begin in late March 2008, followed by street restoration.



Gold

8

Metro Gold Line Eastside Extension Underground Stations Construction



Boyle Heights/Mariachi Plaza Station roof slab construction has been completed. Surface exits and vent shafts are being constructed prior to removal of temporary concrete street deck.



Soto Station area of future emergency exit at mezzanine level.



Metro

Metro Gold Line Eastside Extension At-Grade Construction Along 1<sup>st</sup> Street Lorena Street to Indiana Street





The track installation and guideway work have been completed at the 1<sup>st</sup> and Lorena intersection. Deck removal and street restoration at the East Portal will occur beginning in June 2008. The track installation and guideway work along the center of 1<sup>st</sup> Street between Lorena Street and Indiana Street is scheduled to be completed in April 2008.



Gold Line Metro Gold Line Eastside Extension At-Grade Construction Along Indiana Street 1st Street to 3rd Street



Construction of the tracks and guideway at the 1<sup>st</sup> Street and Indiana Street intersection continues and is scheduled to be completed by mid-April 2008.



Construction of the Indiana Station and site work along the east side of Indiana Street progresses with track installation at the northeast corner of 3<sup>rd</sup> and Indiana.



Gold Line

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Metro Gold Line Eastside Extension At-Grade Guideway and OCS Installation





View west along 3<sup>rd</sup> towards Downey near the 60 Freeway at the U-Channel.

View west at 3<sup>rd</sup> Street/Laverne Avenue near the ELA Civic Center.

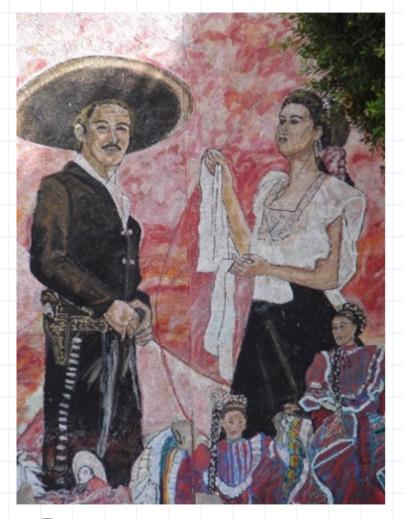
Overhead Catenary System (OCS) poles, hangers and down guys continue to be installed along the LRT guideway on 3<sup>rd</sup> Street. Catenary wires are being strung along the OCS poles.



Gold

Line 12

## **Metro Gold Line Eastside Extension**



# Metro

# **End of Presentation**

Gold Line 13



# I-405 Sepulveda Pass Project Project Update March 2008

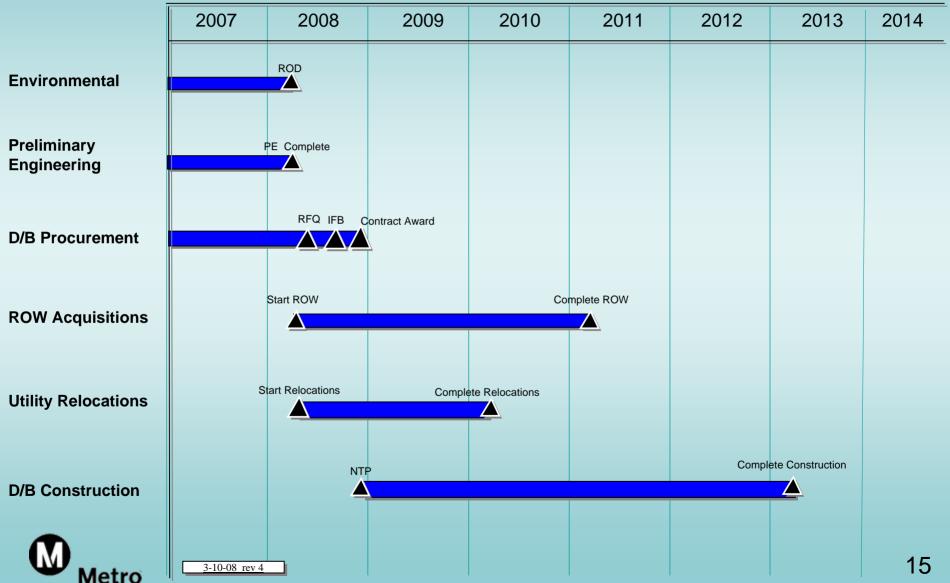






### I-405 Sepulveda Pass Project Summary Schedule

**Calendar Year** 





## I-405 Sepulveda Pass Project Recent Accomplishments

- Caltrans approved the Final Environmental Impact Statement on January 31, 2008
- In the process of negotiating a Cooperative Agreement with Caltrans for project development, implementation and funding
- Developed a draft RFQ and are incorporating CalTrans comments
- Working with CalTrans to develop draft Contract Terms and Conditions and Technical Specifications





## I-405 Sepulveda Pass Project Areas of Concern

- ✓ Cost estimates may exceed funding
- ✓ Delays in completing Cooperative Agreement
- ✓ Significant utility issues (i.e., MWD water line)
- CalTrans/FHWA design approval process may cause schedule delays
- ✓ Contractor's concerns about CalTrans/MTA processes could result in fewer bids
- ✓ Lawsuits could delay project





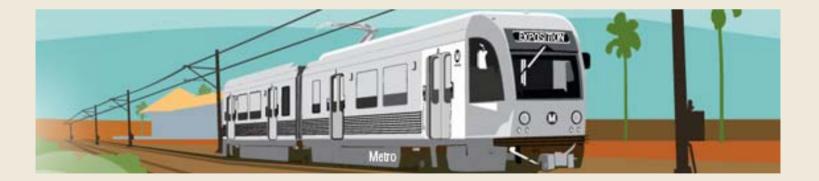
## **Exposition Light Rail Transit Project**



Monthly Project Status Update March 20, 2008



# PHASE 1



## Design

Design approximately 83% complete

## **Construction Packages**

Negotiated 9 of the 19 construction packages

## **Third Party Agreements**

Executed 5 of the 8 third party agreements



## **Current Construction Activities**

- Completed fabrication of pre-cast box girders in support of trench construction
- Continued drilling secant and CIDH piles for trench walls
- Continued utility relocations to support trench construction
- Continued Right of way clearing/grubbing and track removal from Vermont Ave to La Brea Ave
- Completed termination of 52 leases; 12 leases remain active
- Of the 21 parcels (full and partial takes) identified as being required for the project, 9 have been acquired



## **CPUC Grade Crossing Applications**

- The CPUC approved 36 of the 38 requested grade crossings at their December 20<sup>th</sup>, 2007 meeting
- The Commission ruled that evidentiary hearings are necessary for Farmdale (Dorsey H.S.) and the Harvard Pedestrian Crossing (Foshay Learning Center)
- Pre-hearing conference was held on March 12
- The schedule for the evidentiary hearings is pending



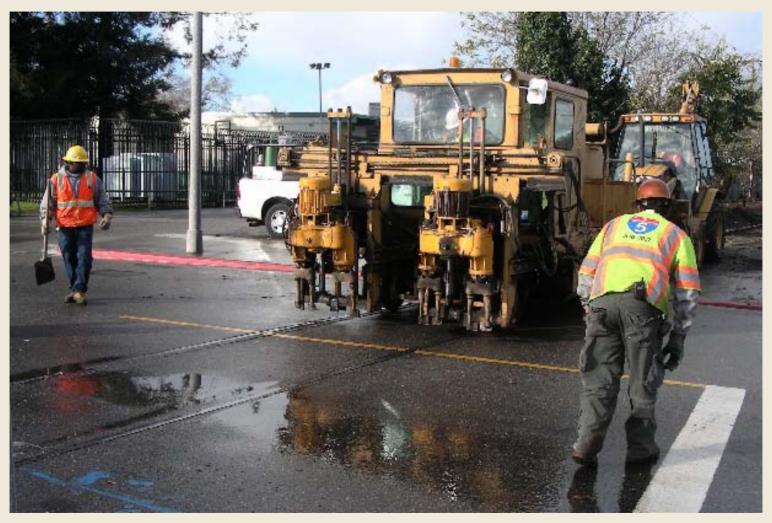
#### **Construction Progress**





**Clearing Right of Way at West End** 

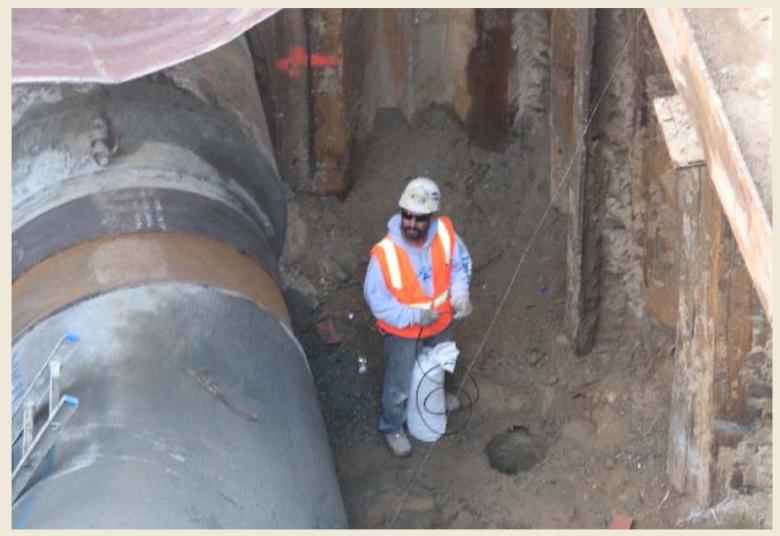
#### **Construction Progress**





**Existing Track Removal at Intersection** 

#### **Construction Progress**





**61" Water Line Preparation** 

#### **Construction Progress**





**61" Water Line Installation** 

#### **Construction Progress**





#### **Excavation for Storm Drain on Flower**

#### **Construction Progress**





**Utility Installation** 

## **Project Budget Summary**

### Construction Budget

- 9 of 19 construction packages have been negotiated in an amount totaling \$195 million
- Currently under running the revised construction budget

## Project Budget

- All tasks are within the revised budget
- Remaining significant risks to the budget include:
  - Contracts yet to be negotiated
  - Contractor claims
  - Farmdale crossing
  - Yard & storage facility
  - Use of contaminated soil in embankment approaches to aerial structures

## **Project Schedule Summary**

- FFP is currently showing a 14 month delay to Substantial Completion
  - Impacts associated with the Blue Line Tie-In and Metro Enhancements
  - Impacts associated with the Mid-Day Layover and Maintenance Facility
  - Impacts associated with the Segment A3 Trench work
- Schedule Recovery Plan
  - Modify sequencing of construction at the Blue Line Tie-In
  - Contractor evaluating excavating trench from both ends in lieu of linear facility
  - Working with Metro to identify short term vehicle storage and maintenance approach
- Other areas of Potential Delay
  - Aerial structures at La Cienega, La Brea and Ballona Creek
  - Any changes to the Farmdale Ave. and/or Harvard Blvd. crossings
  - Incorporation of Culver City Aerial Station
  - Removing and re-bidding Blue Line Tie-In and Segment C work

## **Project Issue Summary**

- Service and Inspection Facility
  - Originally located adjacent to Long Beach Blue Line Yard on Edison Property
  - Edison will not allow permanent facilities under existing power lines
  - Staff evaluating alternative sites
- Additional Environmental Studies
  - Relocation of Traction Power Substations 3 & 4 require Environmental Assessment
  - Modified location and layout of Service and Inspection Facility Alternatives require Environmental Assessment or Supplemental EIS/EIR
  - Any potential changes to the Farmdale crossing

## **Project Issue Summary (cont.)**

- Sewer Pipe Cracking Along Exposition at USC
  - Approximately 1,200 feet of newly installed sewer pipe has cracked and will need to be replaced
  - Will uncover approximately 200 feet of 15-inch pipe to evaluate cause of failure and need for replacement
  - Remaining pipe will be replaced in March or April 2008
  - Initial forensic report indicates improper construction methods lead to failure
- DB Procurement for Blue Line Junction and Segment C Civil/Utilities Package
  - Staff evaluation of costs have determined a lump sum agreement on the Blue Line Junction and Segment C Work Packages will not be reached
  - Expo is preparing DB documents for an IFP for these 2 Work Packages
  - Current DB contractor evaluating current costs and schedule impacts in an effort to get costs in line with Expo Authority
  - Expo is awaiting management and schedule commitments from DB contractor before making a final decision



# PHASE 2



34

Phase 2 Milestones												
Activity	Scheduled Completion Date	Current Completion Date	Status	Comments								
Scoping Meetings & Report	Mar-07	May-07	Complete									
Screening of Alternatives	May-07	Oct-07	Complete	Delay in receiving ridership model from Metro								
Administrative Draft to FTA	Oct-07	May/June-08		Delay due to need to recalibrate model received from Metro								
Start Public Hearings on Draft DEIS/DEIR	Feb-08	Fall-08		FTA must sign off on Draft DEIS before document can be circulated								
Submit New Starts 5309 Report	Summer-08	Summer-08		May be reforecast based on Model delivery date								
Board Adoption of LPA	May-08	Oct-08		May be reforecast based on Model delivery date								
Request to enter Preliminary Engineering (PE)	May-08	Oct-08		May be reforecast based on Model delivery date								

#### **Risks to Current Schedule:**

- Ridership Model
- Colorado Street Alignment Analysis
- Maintenance Facility for Phase 2