

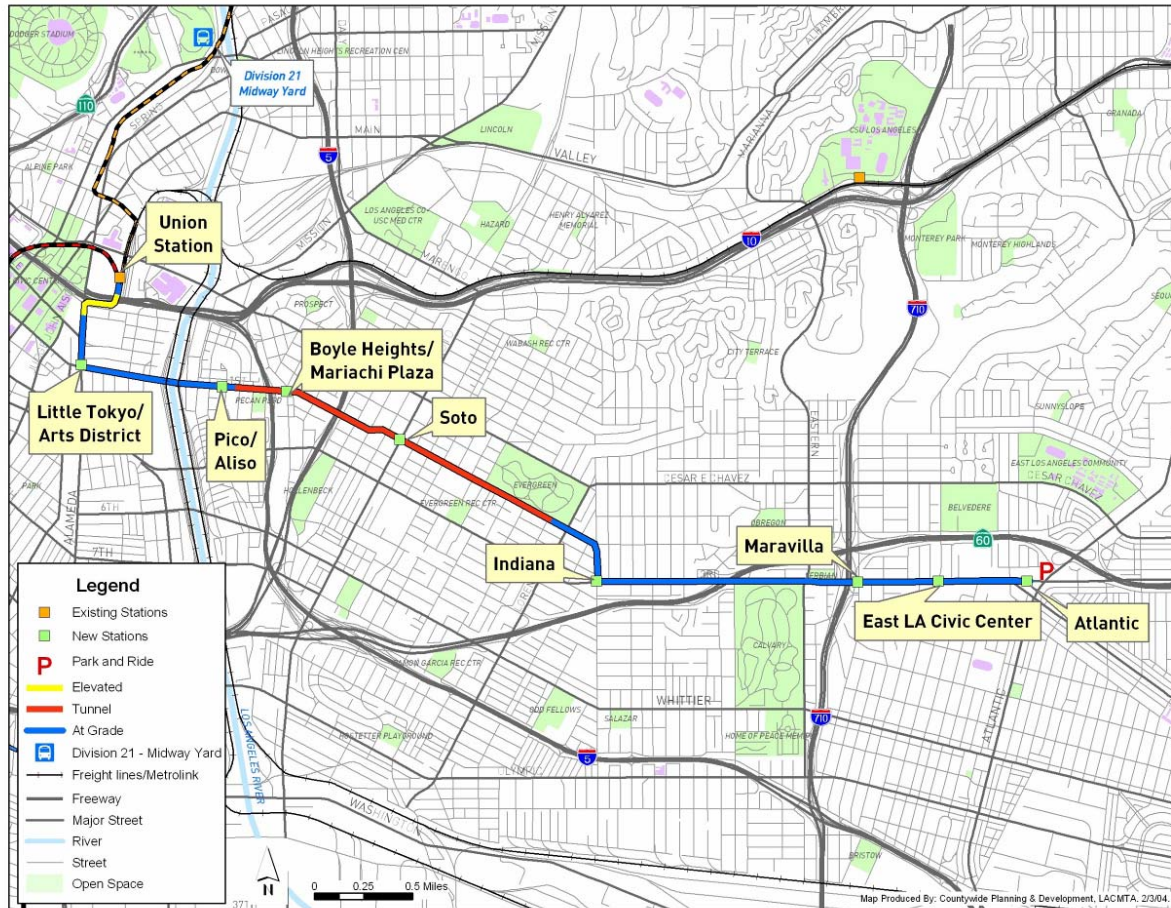
Chief Capital Management Officer Report

February 19, 2009

Metro Gold Line Eastside Extension

Project Update

February 19, 2009

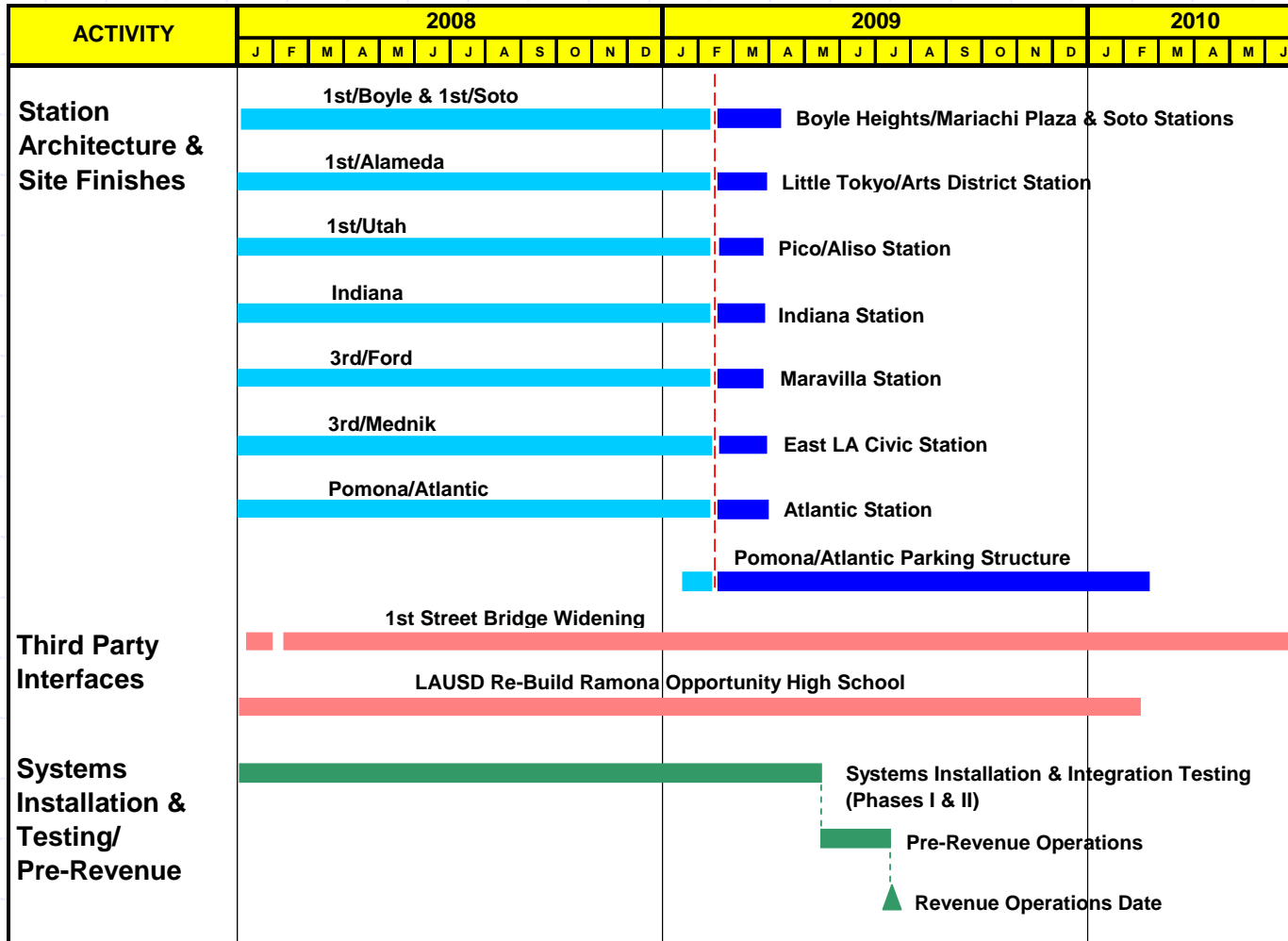


- 6 Mile Alignment
- 1.7 Miles of Tunnel
- 8 Stations (6 At-grade & 2 Underground)
- Park & Ride Facility
- Direct Connection to the Pasadena Metro Gold Line
- \$898.8 million
- On-Time/Within Budget
- Opens in Mid-2009

Metro Gold Line Eastside Extension Overall Construction Progress

- Construction began in July 2004. As of mid-February 2009, the Project is over 94% complete.
- The Contractor has worked over 3.8 million hours without a lost-time accident.
- Construction of the two underground stations at 1st/Boyle and 1st/Soto is 91% complete.
- Construction of the six at-grade stations is 78% complete.
- Systems installation is 93% complete.

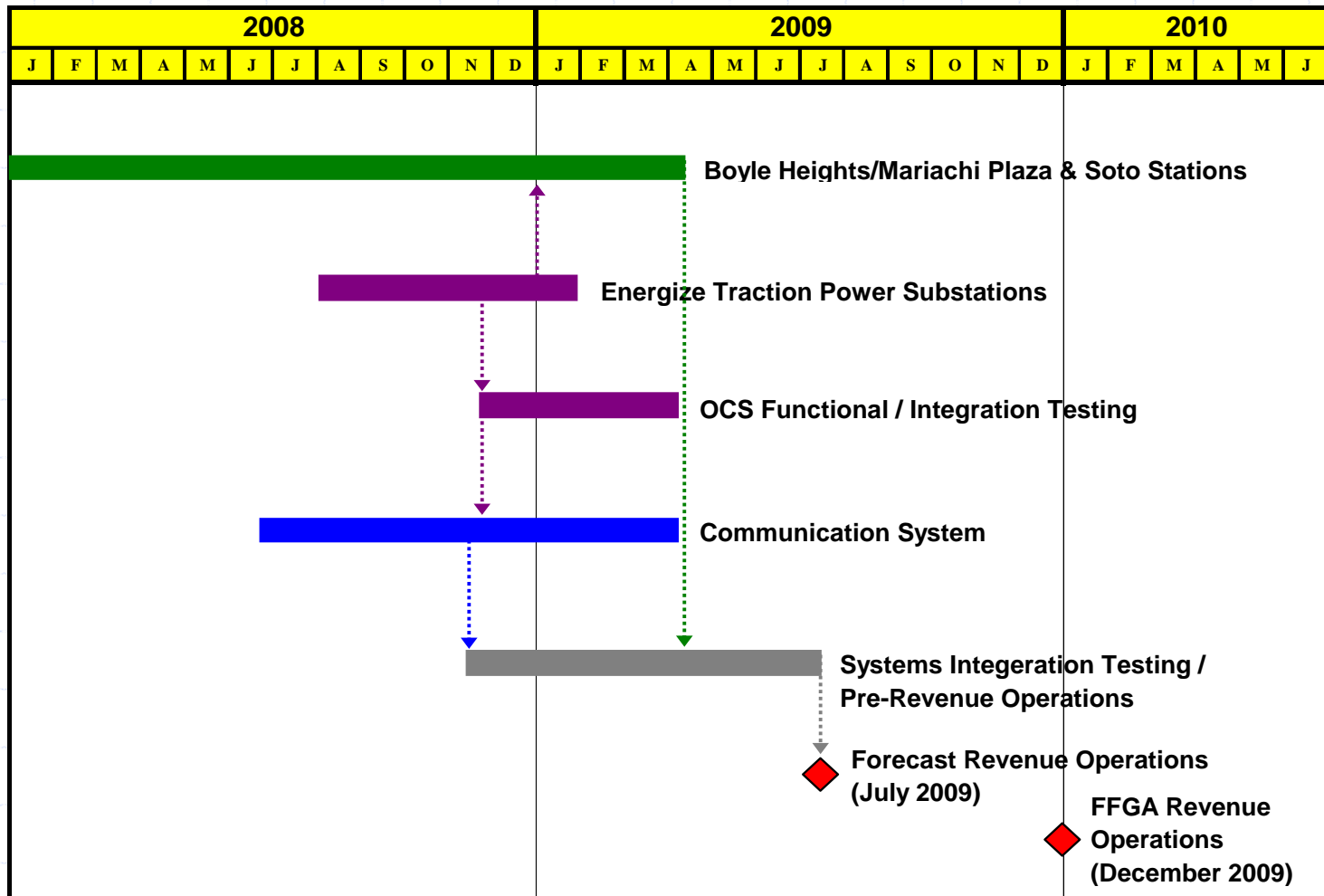
Metro Gold Line Eastside Extension Overall Construction Progress Remaining Work



Metro

Gold Line

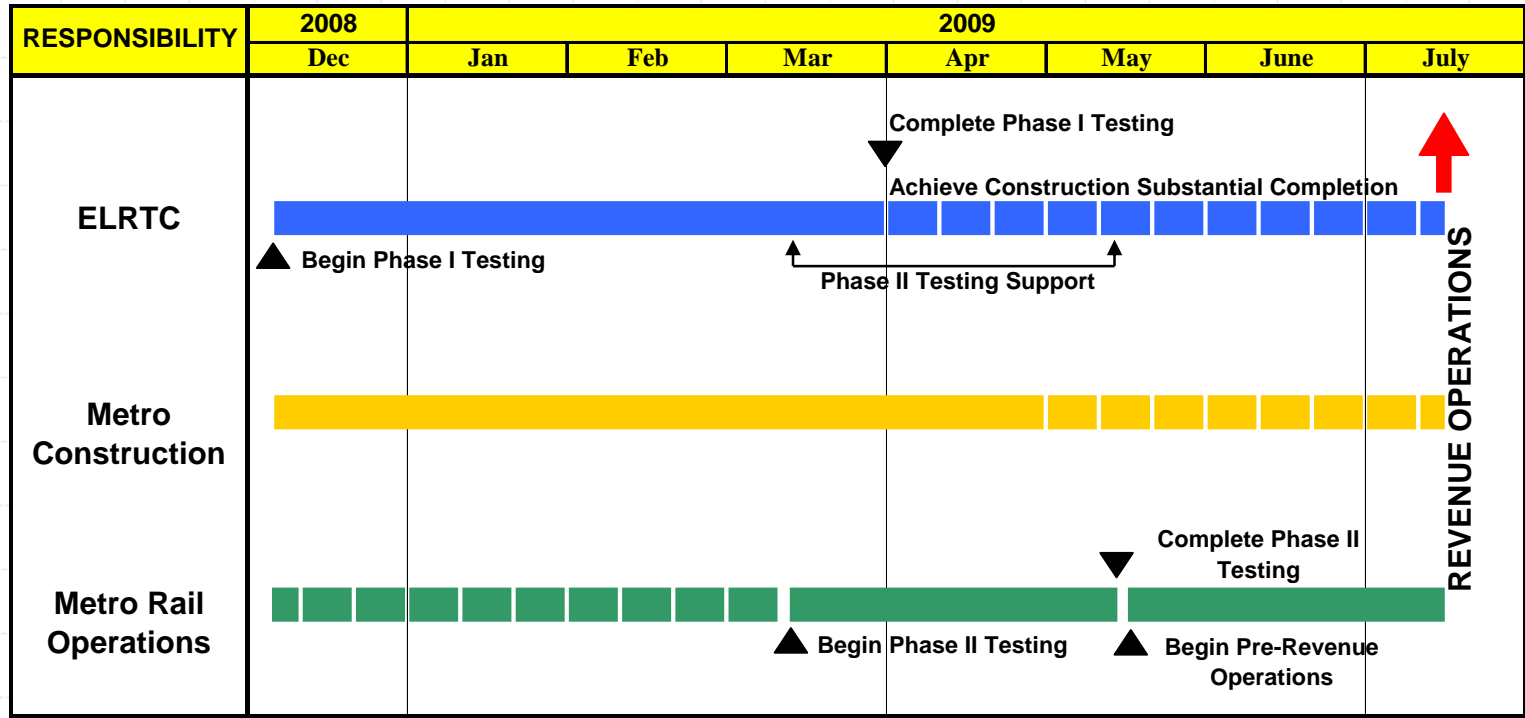
Metro Gold Line Eastside Extension Schedule Status (Critical Path)



Metro

Gold Line

Metro Gold Line Eastside Extension Systems Construction and Rail Activation



	Primary Responsibility		ELRTC	→	JESSE DIAZ RAIL ACTIVATION COORDINATOR
	Support Responsibility		Metro Construction	→	JOHN KNIGHTON SYSTEMS ACTIVATION MANAGER
			Metro Rail Operations	→	DAVIDE PUGLISI RAIL ACTIVATION MANAGER



Metro

Gold Line

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



Metro



Gold
Line

Metro Gold Line Eastside Extension Underground Station Construction Boyle Heights/Mariachi Plaza Station



The underground ventilation system is being installed and inspected by the Metro Fire/Life Safety Committee.



Architectural finishes, ceilings and ductwork for the ventilation system are being installed in the underground station.

Metro Gold Line Eastside Extension Underground Station Construction 1st/Soto Station



Escalators and elevators are being installed along with architectural finishes.



Installation of floor finishes continues on the train passenger platform.

Metro Gold Line Eastside Extension At-Grade Station Construction



Little Tokyo/Arts District Station



Pomona/Atlantic Station

Architectural elements are being installed at all of the six at-grade stations.

Metro Gold Line Eastside Extension Vehicle Clearance Test



The first Light Rail Vehicle clearance test began on January 27, 2009 during which a new 2550 AnsaldoBreda Vehicle was being pulled along the entire alignment to ensure that the vehicle clears all of the stations and other physical elements.

The Traction Power Sub-Stations will be energized by early March 2009 to provide power to the vehicles.

Metro Gold Line Eastside Extension

Feasibility of Four Quadrant Gates



**Construction Committee Meeting
10:30 a.m.
February 19, 2009**

Metro Gold Line Eastside Extension Feasibility of Four Quadrant Gates **NECESSARY STEPS**

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

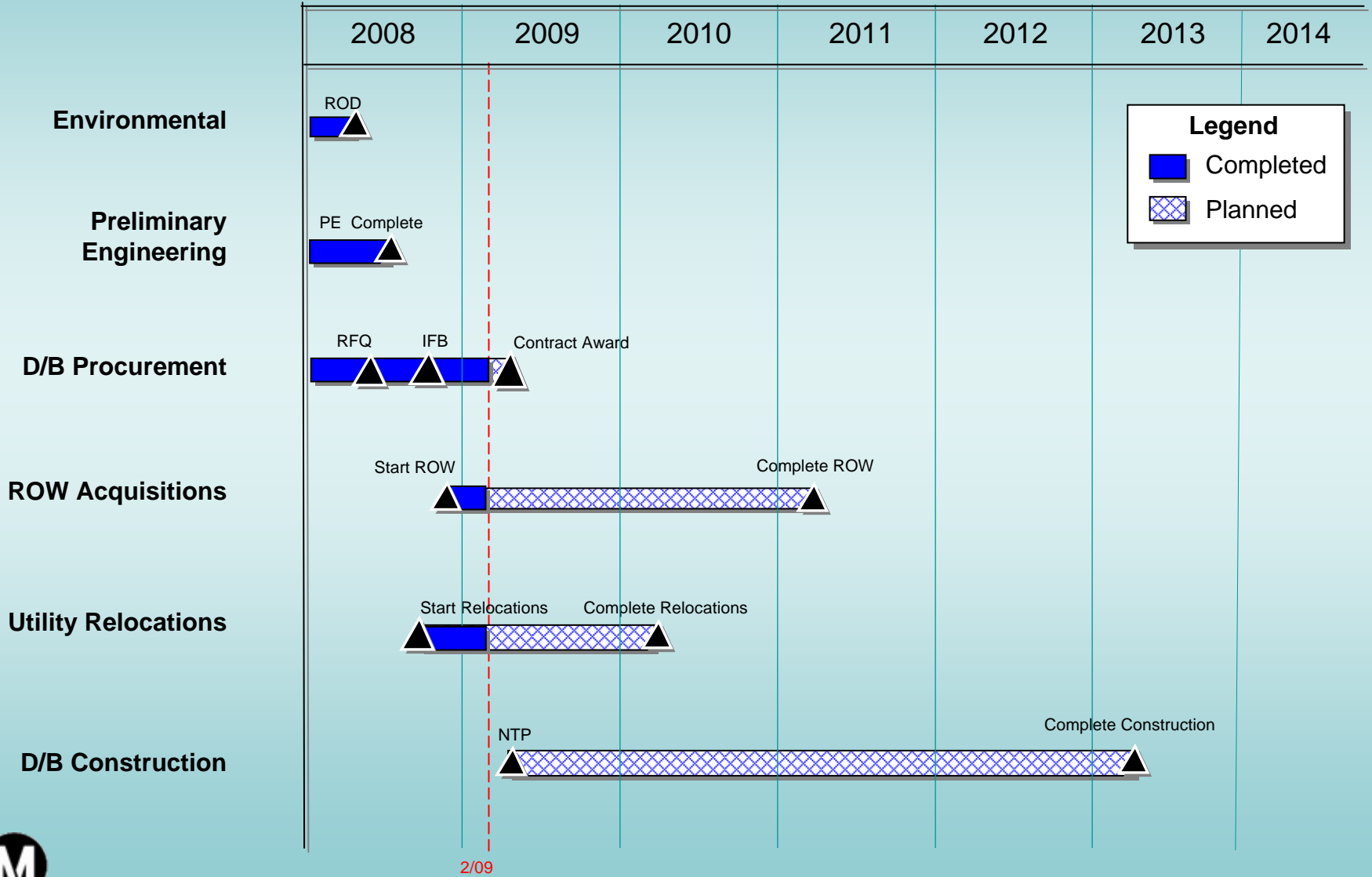
- Board Authorization to Fund Step 1**
- Conceptual Layout**
- City & County Review**
- CPUC Feedback**

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**

I-405 Sepulveda Pass Project Summary Schedule

Calendar Year





I-405 Sepulveda Pass Project Recent Accomplishments

- Issued Amendment No. 7 to the IFB on January 28, 2009.
- Continued responding to questions from bidders.
- Working with the City of LA to resolve design/construction issues.
- Negotiating with Caltrans to finalize field staffing levels.
- Drafted amended contract language to address State funding issue.



I-405 Sepulveda Pass Project Areas of Concern

- ✓ State funding uncertainty.
- ✓ Estimated Project Budget may exceed funding.
- ✓ Significant utility issues (i.e., MWD water line).
- ✓ FHWA/Caltrans design approval process may cause schedule delays.
- ✓ Contractor's concerns about Caltrans/Metro processes could result in more expensive bids.
- ✓ Caltrans has not resolved design conflicts with GSA, City of LA and homeowners.

Exposition Light Rail Transit Project



Expo Board Presentation
Monthly Project Status Update
February 5, 2009

PHASE 1



Design

- Baseline Design is approximately 95% complete
- Venice/Robertson design is approximately 85% complete

Construction

- Construction is approximately 30% complete

Construction Packages

- Negotiated 14 of the 20 construction packages totaling \$347 million

Project Schedule

- **Contractor's latest schedule update shows a 26-week project delay**
 - Delay in the relocation of LADWP overhead power lines at the La Cienega structure is driving most of the delay
 - Delays in the relocation of LADWP overhead power lines at the La Brea structure
 - Authority has requested a recovery schedule from the contractor
- **Areas of potential further delay**
 - Aerial structures at La Brea, La Cienega and Ballona Creek
 - Any changes to the Farmdale Ave and/or Harvard Blvd crossings
 - LADWP power line relocations
 - Culver City aerial station
 - Storage and Inspection Facility

CPUC Grade Crossing Applications

- On October 22nd, ALJ issued his proposed decision denying the pending applications at Harvard and Farmdale in favor of constructing pedestrian overcrossings at these two locations.
- Assigned commissioner issued a draft revised decision that still denied both applications, but did not mandate the construction of a pedestrian overcrossing at Harvard.
- Another commissioner issued an alternative decision that denies our application for Farmdale, but does approve our application for Foshay
- CPUC commission is now scheduled to rule on February 20th



Sub-grade Preparation in Support of Invert Slab Placement at Grade Separation Trench Structure



Preparation for drilling of dowels at A3 Trench walls



Boring for Ductbank Conduits at Arlington Ave. and Exposition Blvd.



Completing the 11' CIDH piles for La Cienega overcrossing



Concrete Placement for End Diaphragms at National Boulevard Bridge

Project Budget Summary

■ Construction Budget

- 14 of 20 construction packages have been negotiated in an amount totaling \$347 million
- Currently within the revised construction budget

■ Project Budget

- All tasks are within the overall project budget
- Remaining significant risks to the budget include:
 - Contracts yet to be negotiated (including Storage and Inspection Facility)
 - Any significant contractor claims
 - Changes to the Farmdale and Harvard crossings
 - Any significant owner related project delays

PHASE 2



Phase 2 Milestones		
Activity	Forecast Completion Date	Status
Scoping Meetings & Report	May - 07	Complete
Screening of Alternatives	Oct - 07	Complete
Administrative Draft to FTA	Nov - 08	No longer applicable
Conversion to CEQA Document	Dec - 08/Jan - 09	Complete
Public Comment Period/Hearings on DEIR	Jan/March - 09	Began on Jan. 28
Board Discussion of Preferred Alternative	April - 09	Updated
Board Adoption of Final EIR	Oct - 09	
Design-Build Contract Award	Jan - 2010	

