

Program Management Major Project Status Report

Presented By

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WESTSIDE PURPLE LINE EXTENSION – SECTION 3

BUDGET

FFGA	Approved LOP*	Previous Period**	Current Forecast**
\$3,599M	\$3,224M	\$3,224M	\$3,224M
Variance from Approved LOP:		\$0M (0%)	\$0M (0%) OK
Variance from Revised Budget:			\$0 OK

*At time of the award of contract – Board Approval February 2019

**Excludes finance costs

SCHEDULE

Original	Approved Rebaseline	(REVENUE OPERATION) Previous Period	Current Forecast*
Mar. 2027	N/A	Spring 2027	Spring 2027
Variance from Original:		+0d (0%)	+0d (0%) OK
Variance from Revised Schedule:			0d OK

*Current Forecast is Contractor's March Schedule update

**Approval in process

- Safety:** Project Hours: 2,109,067; Recordable Injury Rate: 1.42 vs. The National Average: 2.4
 - C1151: Project Hours: 1,099,478; Recordable Injury Rate: 2.73
 - C1152: Project Hours: 1,009,589; Recordable Injury Rate: 0.0
- Overall Project Progress is 42% complete
- Final design progress is 97% complete
- Westwood/UCLA Station**
 - UCLA station roadway deck panels and beams with associated excavation started on 8/26/22 in Wilshire Blvd and is 5% complete.
- Westwood/VA Station**
 - VA steam tunnel relocation work continues: completed heavy civil work for relocation; structure in place to support the relocated steam tunnel for upcoming station excavation; Mechanical, Electrical, and Plumbing fit-out in progress; and construction of the redundant steam and condensate lines is ongoing. SCE and VA 12" water line relocations completed.
- Tunneling**
 - Both tunnel boring machines (TBMs) "Aura" and "Iris" continue mining east of Westwood/UCLA station. Progress as of September 2, 2022, is as follows:
 - Iris "BR TBM" (westbound subway tunnel) – Reach 6: 5,362 ft (56%), overall: 9,337 ft (69%)
 - Aura "BL TBM" (eastbound subway tunnel) – Reach 6: 4,278 ft. (45%), overall: 8,247 ft. (60%)
 - Tunneling progress is slower than contractor's baseline. Contractor to mitigate schedule delay.
 - Equity:** 1 of 2 stations (50%) are within or adjacent to Equity Focus Communities.



UCLA Station: Installing Structural Steel Beams for Temporary Decking



VA Steam Tunnel: Installing Redundant System (Condensate and Steam Line)

October 2022



On target



Possible problem
(5-10% variance)



Significant Impact
(over 10% variance)



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GOLD LINE FOOTHILL EXTENSION PHASE 2B

BUDGET	Approved LOP*	Previous Period	Current Forecast
TOTAL COST	\$1,532.8B		\$1,532.8B
Variance from Approved LOP:		\$0 (%)	\$0(%) OK
Variance from Revised Budget:		\$0	\$0 OK

SCHEDULE	Approved Rebaseline	(Substantial Completion) Previous Period	Current Forecast*
Original January 2025			December 2024
Variance from Original:		+0d (0%)	+353 (-18%) OK
Variance from Revised Schedule:			TBD OK

- Safety:** Project Hours: 1,176,236 Recordable Injury Rate: 0.51 vs. The National Average: 2.4

- Overall Project progress is 59% complete.**

Completed construction at Route 66 LRT bridge and LRT bridge structures at Little Dalton Wash, San Dimas Wash, Puddingstone Channel, Marshall Creek, and Live Oak Channel

- Metro Gold Line Foothill Extension Authority**

The Contractor Kiewit Parsons Joint Venture (KPJV) have completed work at more than half of the grade crossings, completion on the freight track relocation and have started work on all bridges.

The design of the 9 mile, 4 Station extension is substantially complete. First of the four new light rail stations is under construction at Glendora. CPUC has approved 49 of 49 grade crossings to date

- Construction Continues at:**

Glendora, San Dimas, La Verne and Pomona Stations
Foothill/Grand Avenue, Foothill/Grand Ave and Lone Hill LRT Bridges

Installed Monte Vista TPSS

Construction of SCRRRA Maintenance-of-way building

210 and 57 Freeway anchor and support walls

construction of MSE retaining walls throughout the project

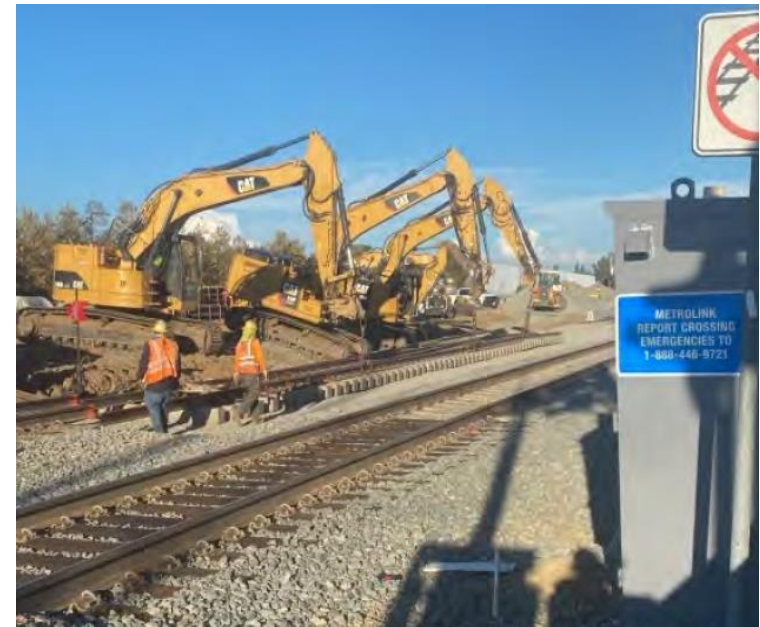
Construction of 210 and 57 Freeway anchor and support walls

Light rail alignment track construction

LRT train control installation

- Equity:** 100% of the project is located within or adjacent to Equity Focus Communities

Garey East – Metrolink Turnout installed



October 2022

OK On target

◆ Possible problem (5-10% variance)

▲ Significant Impact (over 10% variance)



AIRPORT METRO CONNECTOR (AMC) PROJECT

BUDGET	Approved LOP*	Previous Period	Current Forecast
TOTAL COST	\$898.6M	\$898.6M	\$898.6M
Variance from Approved LOP:		\$0M (0%)	\$0M (0%) OK
Variance from Revised Budget:			\$0 OK

*Approved April 2021 Board

SCHEDULE	Approved Rebaseline	(Revenue Operation) Previous Period	Current Forecast*
Original	N/A	Fall 2024	Fall 2024
Variance from Original:		+0d (0%)	+0 d (0%) OK
Variance from Revised Schedule:			0d OK

*Current Forecast is Metro's August 2022 Schedule update

Safety: Project Hours: 129,560; Recordable Injury Rate: 1.54 vs. The National Average: 2.4

Progress:

- Early Works Phase construction is 95.6% complete and is in close-out phase.
- North Turn back and reconfiguration with turnback facility is completed and undergoing pre-revenue testing.
- Primary Station Construction (21.4%) continues with installation of final structural footings and start of station platform concrete, underground utilities, delivery and preparation for steel erection, and procurement of long-lead material. Work within the Light Rail Transit (LRT) area has been expedited.
- **Equity:** 100% of the project is located within or adjacent to Equity Focus Communities.



October 2022

OK On target
 ◆ Possible problem (5-10% variance)
 ▲ Significant Impact (over 10% variance)



I-5 NORTH COUNTY ENHANCEMENTS

BUDGET	Approved LOP*	Previous Period	Current Forecast
TOTAL COST	\$679.3M	\$679.3M	\$679.3M
Variance from Approved LOP:		\$0M (0%)	\$0M (0%) OK
Variance from Revised Budget:			\$0 OK

*At time of the award of contract – Board Approval (March 2021)

SCHEDULE	Approved Rebaseline	(Substantial Completion) Previous Period	Current Forecast
Original July 2026	N/A	Summer 2026	Summer 2026
Variance from Original:		+0d (0%)	0d (0%) OK
Variance from Revised Schedule:			N/A OK

- **Safety:** Project Hours: 102,930; Recordable Injury Rate: 0.00 vs. The National Average: 2.4
- **Overall Project progress is 15% complete**
- Construction Stage 1, Phase 1 & 2:
 - Partial Demolition/Pile Driving/Footing and Abutment/Bent Construction on several bridges
 - Retaining Walls, Drainage, Barrier/Roadway Demo, Excavation, and Base Placement
- Project Team continues to coordinate with stakeholders: Caltrans, Federal Highway Administration (FHWA), City of Santa Clarita, Los Angeles County, CHP, NPS, CDFW, and other local stakeholders.
- Project is preparing for single-direction freeway closures in November to support Weldon Canyon bridge construction activities with the community and above stakeholders.
- **Equity:** This project is not located within or adjacent to Equity Focus Communities.



October 2022 OK On target Possible problem (5-10% variance) Significant Impact (over 10% variance)

I-105 EXPRESS LANE PROJECT

BUDGET	Approved LOP (pre-Con.)	Previous Period	Current Forecast
TOTAL COST	\$119.4 M	N/A	\$780M
Variance from Approved LOP:		\$0M (0%)	\$0M (0%) OK
Variance from Revised Budget:			\$0 OK

SCHEDULE	Approved Rebaseline	(Revenue Operation) Previous Period	Current Forecast*
Original	N/A	N/A	Spring 2028
Variance from Original:		+0d (0%)	+0 d (0%) OK
Variance from Revised Schedule:			0d OK

**Current Forecast is Metro's Internal Schedule, Baseline schedule not yet approved at time of update*

■ **Progress:**

- The Phase 1 (Pre-Construction) CM/GC, Roadside Toll Collection System (RTCS) and PMSS contracts were approved by the Board in August 2022. Phase A - Pre-construction LOP established.
- Limited Notice to Proceed (LNTF) was issued to CMGC Contractor on October 25th. The full NTP is anticipated in November.
- Segment 1 of the project (between I-405 and Central Ave.), 95% Design is in progress.
- Segment 3 of the project (between 710 and Studebaker Rd.), 35% Design was submitted to Caltrans in October. Segment 2 submittal is upcoming in December 2022.
- Kick-off meeting with the PMSS Contractor was held on October 26th.



Traffic on 105 Freeway Westbound



The Project Map

October 2022



On target



Possible problem
(5-10% variance)



Significant Impact
(over 10% variance)



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G LINE BRT IMPROVEMENTS PROJECT

BUDGET	Approved LOP	Previous Period	Current Forecast
TOTAL COST	\$149.7	N/A	\$392 M - \$476 M
Variance from Approved LOP:		\$0M (0%)	\$0M (0%) OK
Variance from Revised Budget:			\$0 OK

**Project will work within the annual budget constraints until LOP is established*

SCHEDULE	Approved Rebaseline	(Revenue Operation) Previous Period	Current Forecast*
Original	N/A	N/A	Dec 2026
Variance from Original:		+0d (0%)	+0 d (0%) OK
Variance from Revised Schedule:			0d OK

**Current Forecast is Metro's Internal Schedule, Baseline schedule not yet approved at time of update*

- **Progressive Design Build Contract:**
 - Progressive Design Build (PDB) Contract approved by Board in August 2022. Phase A - Pre-construction LOP established.
- **Utility Owner-performed AURs:**
 - Sepulveda – removal of poles and overhead wires pending PDB contractor installation of new power service.
 - Vesper – DWP crews completed cable pulling in August, Charter tentative construction start in October.
 - Sylmar – work complete within City ROW, DWP license agreement executed, remaining work to commence in October.
- **Property Acquisitions underway:**
 - Eight acquisitions underway, all-in negotiation or agreement phase.
 - Offers presented to owners between March 31, 2022 and May 24, 2022.
 - Board adopted Resolution of Necessity for all properties in August 2022.
- **Equity:** 11 of 17 stations (65%) are within or adjacent to Equity Focus Communities.



DWP Overhead Construction at Vesper



DWP Overhead Construction at Vesper

October 2022

OK On target
 ◆ Possible problem (5-10% variance)
 ▲ Significant Impact (over 10% variance)

