



# **Program Management**

## **Quarterly Major Project Status Report**



**Measure M Independent Oversight Committee**

March 1, 2023

# Gold Line Foothill Extension Phase 2B

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

\* At time of the award of contract – Board Approval (June 2017)

SCHEDULE			Substantial Completion	
	Original	Approved Rebaseline	Previous Period	Current Forecast*
	January 2025	N/A	Fall 2024	Fall 2024
	Variance from Original:		+0d (0%)	-29d (-2%) 
Variance from Revised Schedule:			TBD 	

\* Current Forecast is Contractor's October 2022 Schedule Update.





# Gold Line Foothill Extension Phase 2B

## Safety

- Project Hours: 777,777 Recordable Injury Rate: .85 vs. The National Average: 2.4.

## Updates (Metro Gold Line Foothill Extension Authority)

- **Overall Project Progress is 65% complete.**

Completed Fulton Grade Crossing, Foothill/Grand Bridge post tension and form removal, Lone Hill Structure deck rebar and conduit installation, Lone Hill TPSS Anchoring, 210 Freeway Freight Temporary Shoofly.

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

The design of the 9 mile, 4 Station extension is substantially complete.

Four new light rail stations are under construction.

CPUC has approved 49 of 49 grade crossings to date.

- Construction Continues at:

Glendora, San Dimas, La Verne and Pomona Stations

Foothill/Grand Ave, Foothill/Grand Ave and Lone Hill LRT Bridges

Anchored Lone Hill TPSS

Construction of SCRRA Maintenance-of-way building

210 and 57 Freeway anchor and support walls

Construction of MSE retaining walls throughout the project

Light rail alignment track construction

LRT train control installation



## Equity

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

Foothill Grand - LRT ductbank walkway





# Westside Purple Line Extension – Section 3

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

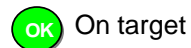
\* At time of the award of contract – Board Approval February 2019

\*\* Excludes finance costs

SCHEDULE			Revenue Operation	
	Original	Approved Rebaseline	Previous Period	Current Forecast*
	March 2027	N/A	Spring 2027	Spring 2027
	Variance from Original:		+0d (0%)	+0d (0%) 
Variance from Revised Schedule:			0d 	

\* Current Forecast is Contractor's Schedule Update.

\*\* Approval in process





# Westside Purple Line Extension – Section 3

## Safety

Project Hours: 2,231,464; Recordable Injury Rate: 1.43 vs. The National Average: 2.4.

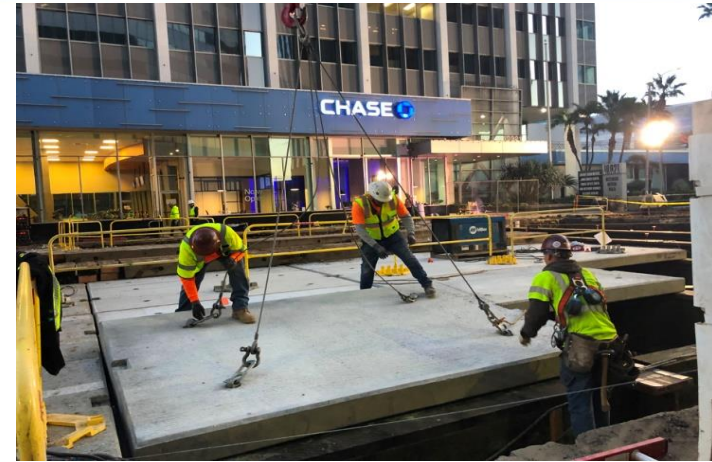
- C1151: Project Hours: 1,179,969; Recordable Injury Rate: 2.71.
- C1152: Project Hours: 1,051,495; Recordable Injury Rate: 0.0.

## Updates

- **Overall Project Progress is 44% complete.**
- **Final design progress is 97% complete.**
- **Tunneling**
  - Both tunnel boring machines (TBMs) “Aura” and “Iris” continue mining toward Century City. Progress as of November 28, 2022, is as follows:
  - Iris “BR TBM” (westbound subway tunnel) – Reach 6: 7,162 ft. (75%), overall: 11,140 ft. (82%).
  - Aura “BL TBM” (eastbound subway tunnel) – Reach 6: 6,313 ft. (66%), overall: 10,277 ft. (76%).
- **Westwood/UCLA Station**
  - Station roadway deck panels are completed, and station excavation continues from UCLA Lot 36.
- **Westwood/VA Station**
  - Station excavation started on October 24, 2022, and continues.
  - The VA steam tunnel relocation work continues; Mechanical, Electrical, and Plumbing fit-out inside the steam tunnel (35% complete); redundant VA steam line is completed.
  - Supports built under utilities crossing the station to support utilities during station excavation.
  - Installation of 12” water supply from vault 400 to the street connection is ongoing.
  - Installation of dewatering wells and geotechnical instrumentation continues.

## Equity

- 1 of 2 stations (50%) are within or adjacent to Equity Focus Communities.





**Westwood/UCLA Station:  
Installing Temporary Deck Panels in Wilshire Blvd**





**Westwood/VA Station: Excavating station to Level 1 Bracing**



# Airport Metro Connector (AMC) Project

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

\* Approved April 2021 Board

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

\* Current Forecast is August 2022 Schedule Update





# Airport Metro Connector (AMC) Project

## Safety

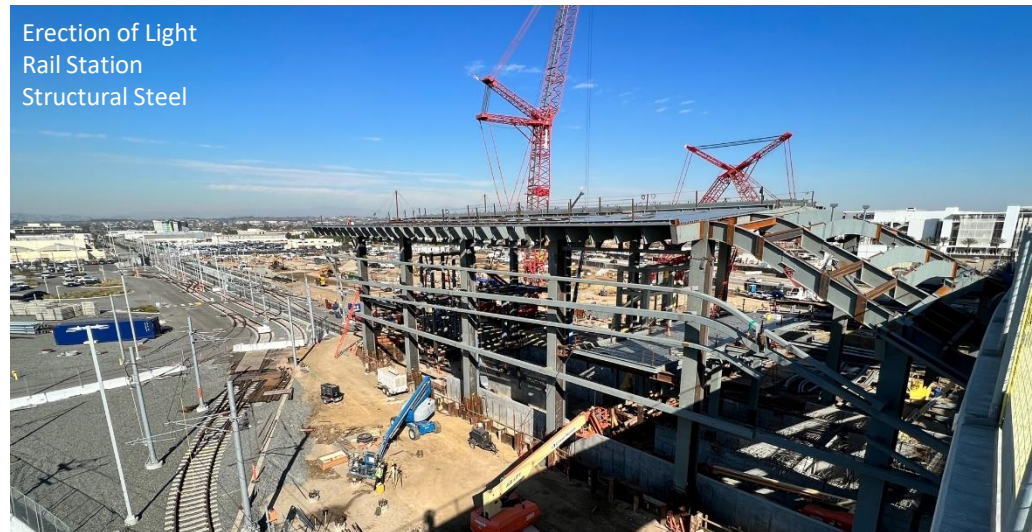
Project Hours: 206,985; Recordable Injury Rate: 2.9 vs. The National Average: 2.4.

## Updates



- **Overall project progress is 30% complete.**
- Early Works Phase construction is 99% complete and in the close-out phase.
- North Turn back and reconfiguration with turnback facility is completed and in full operations for segmented CLAX Line service.
- Primary Station Construction (30% complete) has now come out of the ground with erection of structural steel at light rail platform. Station platform concrete, underground utilities, and procurement of long-lead material continues. Work within the Light Rail Transit (LRT) area was expedited.

## Equity



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



# I-5 North County Enhancements

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

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

SCHEDULE			Substantial Completion	
	Original	Approved Rebaseline	Previous Period	Current Forecast
	July 2016	N/A	Summer 2026	Summer 2026
	Variance from Original:		+0d (0%)	+0d (0%) 
Variance from Revised Schedule:			N/A 	





# I-5 North County Enhancements

## Safety

Project Hours: 156,114; Recordable Injury Rate: 0.00 vs. The National Average: 2.4.

## Updates

- **Overall Project progress is 18% 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.
- Single-direction freeway closures occurred in December 2022 to support Weldon Canyon bridge construction activities.

## Equity

- This project is not located within or adjacent to Equity Focus Communities.



On-Going Roadway Excavation in the Median



On-going abutment and wing wall construction at new Weldon Canyon Bridge



Forming, preparations, and concrete pour at Retaining Wall 2622





# Projects without Life of Project (LOP) Budget



- **105 Express Lanes**
- **G Line BRT Improvements Project**
- **East San Fernando Valley Transit Corridor**





# 105 Express Lanes

BUDGET				
	TIFIA	Approved Preconstruction Budget	Previous Period	Current Forecast
	N/A	119.4 M	N/A	\$780M
	Variance from Approved LOP:		\$0M (0%)	\$0M (0%) 
	Variance from Revised Budget:			N/A 

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



# 105 Express Lanes

## Safety

Project Construction Hours: 0; Recordable Injury Rate:  
N/A vs. The National Average: 2.4.

## Updates

- **Design is 40% complete.**
- **Progress:**
  - The Phase 1 (Pre-Construction) CM/GC, Roadside Toll Collection System (RTCS) and PMSS contracts were approved by the Board in August 2022.
  - Notice to Proceed (NTP) was issued to CMGC Contractor on November 10th and CMGC Phase 1, Pre-Construction work has initiated.
  - Segment 1 of the project (between I-405 and Central Ave.), 95% Design has been submitted to Caltrans.
  - Segment 3 of the project (between 710 Freeway and Studebaker Rd.), 35% Design was submitted to Caltrans in October and has received comments from Caltrans. Segment 2 (between Central Ave. and 710 Freeway) will be submittal in January 2023.
  - Kick-off meeting with the PMSS Contractor was held on October 26<sup>th</sup>.
  - The first Opinion of Probable Construction Cost (OPCC) for segment 1 will be based on the 95% Plans.
  - Procuring a consultant to conduct an independent equity study.

## Equity

- 70% of the project is within or adjacent to Equity Focus Communities.



Traffic on 105 Freeway Westbound





The Project Map







# G Line BRT Improvements Project

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

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

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

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



# G Line BRT Improvements Project

## Safety

Project Construction Hours: 0; Recordable Injury Rate:  
N/A vs. The National Average: 2.4.

## Updates

- **Design is 35% complete.**
- **Progressive Design Build Contract**
  - Progressive Design Build (PDB) Contract NTP issued November 10, 2022.
- **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 construction start pending City permit approval.
  - Sylmar – work complete within City ROW, DWP license agreement executed, and DWP commenced work in Metro ROW in November 2022.
- **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 the 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





# East San Fernando Valley Transit Corridor

BUDGET	Approved (cumulative thru FY23) Annual Budget			Previous Period	Current Forecast
		\$362M		N/A	\$2.8-\$3.6B 
	Variance from Approved LOP:		\$0M (0%)	\$0M (0%)	
	Variance from Revised Budget:			\$0	

SCHEDULE			Revenue Operation	
	Original	Approved Rebaseline	Previous Period	Current Forecast*
		N/A	N/A	2028 - 2030
	Variance from Original:		+0d (0%)	+0d (0%) 
Variance from Revised Schedule:			N/A 	

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



# East San Fernando Valley Transit Corridor

## Safety

Project Hours: 0; Recordable Injury Rate: N/A vs. The National Average: 2.4.

## Updates

- **Design is 30% complete for systems.**
  - **Design is 60% complete for guideway.**
  - **Construction Management Support Services Contract**
    - Notice to Proceed (NTP) given to ESFV LRT Joint Venture Arcadis Mott MacDonald (AMM) in November 2022.
  - **Maintenance and Storage Facility (Solar Energy & Storage)**
    - NTP on December 7, 2022 to PCS Energy LLC for the Public-private partnership (P3) Contract.
    - Maximum duration of 15 years, with three phases of work.
  - **Advance Utility Adjustment (AUA) Contract DWP Design 1**
    - NTP on December 1, 2022 to W.A. Rasic Construction Company, Inc.
  - **Progressive Design Build Contract**
    - Progressive Design Build (PDB) Contract proposals received Nov 2022 and in review.
    - Anticipate recommendation to Board for award in early 2023.
  - **Property Appraisals underway**
    - Appraisal contracts awarded on August 11, 2022.
    - NTP in December 2022 to two real estate property appraisal, and three fixtures appraisal firms.
    - Appraisals will commence in January 2023.
- Equity**
- Acquisition anticipated to commence in June 2023.
  - 100% of the project is within or adjacent to Equity Focus Communities.



Intersection of Van Nuys Blvd. & Saticoy St.



Intersection of Van Nuys Blvd. & Keswick St.

