



## Board Report

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**File #:** 2024-0180, **File Type:** Informational Report

**Agenda Number:**

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**CONSTRUCTION COMMITTEE  
APRIL 18, 2024**

**SUBJECT: PROGRAM MANAGEMENT QUARTERLY CHANGE REPORT**

**ACTION: RECEIVE AND FILE**

### **RECOMMENDATION**

RECEIVE AND FILE Status Report on Program Management Quarterly Changes

### **ISSUE**

This board report is a receive and file that provides a summary of quarterly contract changes for capital projects greater than \$500,000 that are managed by Program Management.

### **BACKGROUND**

In January 2017, the Board approved a one-year pilot to delegate the CEO the authority to execute project agreements up to the Life-of-Project (LOP) budget for the Crenshaw/LAX, Regional Connector, and Purple Line Extension Section 1 & 2 projects. The purpose of the pilot was to save time and minimize disruption due to the typical contract change administration approval process.

The pilot program was effective, generated cost savings, and avoided costly construction delays. At the January 26, 2018 Board meeting, the Board approved the continuation and expansion of the delegation of authority within the LOP budget on all Transit and Regional Rail Capital Projects. Staff was directed to provide quarterly reports to the Board on change orders and modifications that are above \$500,000 (Attachment A). CEO Board delegated authority of changes is very beneficial to expedite contract changes and avoid costly construction delays. Since inception of the program up to 2,693 concurrent workdays or concurrent 10.4 years, aggregated across the program, have been saved (Attachment B).

### **DISCUSSION**

The change activities for the reporting period between December 1, 2023 - February 29, 2024 are included in Attachment A.

### **EQUITY PLATFORM**

Westside Purple Line Ext 1	Equity - This project is not located within or adjacent to Equity Focus Communities
Westside Purple Line Ext 2	Equity - This project is not located within or adjacent to Equity Focus Communities
Westside Purple Line Ext 3	Equity - 1 of 2 stations (50%) are within or adjacent to Equity Focus Communities
Airport Metro Connector	Equity - 100% of the project is within or adjacent to Equity Focus Communities
Rail to Rail	Equity - 90% of the project is within or adjacent to Equity Focus Communities

**IMPLEMENTATION OF STRATEGIC PLAN GOALS**

The recommendation supports strategic plan goal # 5 to provide responsive, accountable, and trustworthy governance within the Metro organization by keeping the Board informed of the Projects’ change orders and modifications via submitting the Change Order log on a quarterly basis.

**NEXT STEPS**

The next Program Management Quarterly Change Report will cover the period of March 1, 2024, through May 31, 2024, and will be presented to the July 2024 Construction Committee.

**ATTACHMENTS**

Attachment A - Quarterly Change Orders Log for the Reporting Period of December 1, 2023 - February 29, 2024.

Attachment B - OIG Construction Change Order Spot Checks CEO Delegated Authority Delays Avoided (through February 2024)

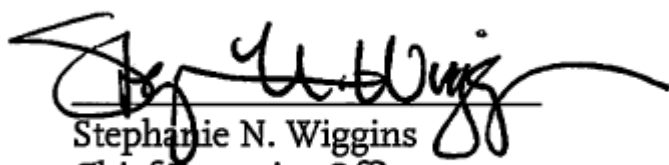
Prepared by:

- **Westside Purple Line Ext 1** - James Cohen, Senior Executive Officer, Project Management, (323) 900-2114
- **Westside Purple Line Ext 2** - Michael McKenna, Senior Executive Officer, Project Management, (424) 551-4447
- **Westside Purple Line Ext 3** - Kimberly Ong, Senior Executive Officer, Project Management, (424) 551-4501
- **Airport Metro Connector** - Rafie Zamani, Executive Officer, Projects Engineering, (213) 418-3140
- **Rail to Rail** - Rafie Zamani, Executive Officer, Projects Engineering, (213) 418-3140
- **Metro G Line Improvements** - Brad Owen, Senior Executive Officer, Program Management, (213) 418-3143
- **1-105 Express Lanes** - James Wei, Deputy Executive Officer, Program Management, (213) 922-7258

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- **East San Fernando Valley Transit Corridor** - Greg Gastelum, Senior Executive Officer, Program Management, (213) 922-2168
  - **I-605 South Street Interchange Improvements** - Brad Owen, Senior Executive Officer, Program Management, (213) 418-3143 • **EB SR-91 Atlantic Avenue to Cherry Avenue** - Brad Owen, Senior Executive Officer, Program Management, (213) 418-3143
  - **Report** - Julie Owen, Senior Executive Officer, Program Control, (213) 922-7313

Reviewed by:

Darcy Buryniuk, Chief Program Management Officer, (213) 922-2250



Stephanie N. Wiggins  
Chief Executive Officer

**WESTSIDE PURPLE LINE SECTION 1**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2023 - February 29, 2024)**

Change Types:  
 1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1045 - SKANSKA-TRAYLOR-SHEA, A JOINT VENTURE**

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
CO-50	<b>Sound Wall Pile Removal at Station Yards (TCEs):</b> The C1045 D/B Contract bid document includes removal of sound walls to a depth of three feet. City and privately owned properties require these piles be removed in their entirety ahead of any future development and in accordance with Temporary Construction Easement (TCE) contract agreements.	2	1/26/2024	1/26/2024	\$ 1,070,859	\$ 898,842
CO-51	<b>TBM Gantry/Accelerated Demobilization:</b> This change mitigated some of the TBM mining delays experienced in Reach 3 (Wilshire/Fairfax to Wilshire/La Cienega) due to the San Vicente anomaly. It allowed the contractor to expedite the extraction of TBM trailing gear (Gantries) from the Gale Shaft at the Wilshire/La Cienega Station site, which is project schedule critical path work.	5	2/12/2024	2/12/2024	\$ 3,453,412	\$ 2,056,141
CO-53	<b>Tactile Guidance: Construction and Plaza Material Change:</b> Metro Systemwide Planning requested tactile guidance changes and installation of directional bars to create a Tactile Pathway for visually impaired passengers to follow for entering and exiting Metro stations. The two tone tiles ensure sufficient contrast to meet ADA requirements.	5	2/1/2024	2/1/2024	\$ 1,884,877	\$ 552,100
CO-58	<b>Wilshire/Western Station Radio Gap Relocation with Amplifier (Construction):</b> This change is necessary to extend existing radio coverage at Wilshire/Western Station approximately 942' into PLE1 tunnel radio system gap to mitigate Purple Line Extension Section 1's (PLE1) radio system interference with the existing system, which will impact train operation if the system gap is located next to the station platform. Radio signals must be amplified as the existing signals measured west of Wilshire/Western Station platform have degraded overtime. Hence, new amplifiers and associated equipment are needed to provide coverage in the new rooms and PLE1 tunnels.	5	2/21/2024	2/21/2024	N/A	\$ 768,053

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP**

None						
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**B. PROFESSIONAL SERVICES CONTRACTS**

None						
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**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

None						
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2023 - February 29, 2024)**

**A) DESIGN BUILD CONTRACT - CONTRACT NO. C1045 - SKANSKA-TRAYLOR-SHEA, A JOINT VENTURE**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN-00195.1	<u>Continued/increased readings of instruments at Wilshire/Western, Wilshire/La Brea &amp; Wilshire/Fairfax Stations</u> : Additional instrumentation was added to the project per LABOE request. The continued and increased readings of these instruments were not part of the original contract scope of work. This change compensates the contractor for these continued/added readings.	2	Between \$500K and less than \$1M
CN-00229.1	<u>Loss of Division 20 Yard</u> : Schedule delays caused the Project to lose the initial laydown storage yard located inside the Division 20 Project site. This change compensates the Contractor for the rental of alternate sites for storage and staging of project materials and for the inefficiencies of working within the operational rules dictated by Metro Operations which were not present during the bidding process of the Contract.	5	Between \$1M and \$5M
CN-00262	<u>COBH Streetscape Standards Update – Construction Only</u> : Contractor to construct and install the La Cienega Streetscape Restoration in accordance with the new City of Beverly Hills (COBH) Streetscape Design standards. This includes new tree wells, irrigation, electrical outlets, space reservation for bus bench/trash can, pedestrian lighting, conduit, pull boxes, foundation, and sidewalk scoring pattern.	2	Between \$1M and \$5M

**A. DESIGN BUILD CONTRACT - CONTRACT NO.**

None		
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**B) PROFESSIONAL SERVICES CONTRACTS**

None		
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

None		
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**WESTSIDE PURPLE LINE SECTION 2**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2023 - February 29, 2024)**

Change Types:  
 1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1120 - Tutor Perini / O&G, A Joint Venture**

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
MOD-00193	<u>MOA Impacts Along the Reach 4 and 5 Tunnel Alignment January 2, 2022, to November 23, 2022:</u> This compensates the C1120 contractor for impacts along the Reach 4 and 5 of the Tunnel Alignment construction activities from work restrictions imposed by the City of Beverly Hills (COBH) Memorandum of Agreement (MOA) during the following period: January 2, 2022 to November 23, 2022. This Modification excludes individual COBH holidays defined in the MOA which were not already part of the C1120 Contract. Those individual additional COBH holidays will be captured separately in a subsequent Change Notice.	2	9/7/2023	12/19/2023	\$ 3,802,556.00	\$ 794,460.00
MOD-00195	<u>MOA Impacts to WRS Work Activities within COBH January 2, 2022 to November 23, 2022:</u> This compensates the C1120 contractor for impacts to the Wilshire/Rodeo station construction activities from work restrictions imposed by the City of Beverly Hills (COBH) Memorandum of Agreement (MOA) during the following period: January 2, 2022, to November 23, 2022. This Modification excludes individual COBH holidays defined in the MOA which were not already part of the C1120 Contract. Those individual additional COBH holidays will be captured separately in a subsequent Change Notice.	2	11/3/2023	12/28/2023	\$ 3,635,360.00	\$ 1,132,941.00
MOD-00196	<u>MOA Impacts to Work Activities during 2022 Holiday Moratorium (CO-55):</u> The purpose of this Change is to compensate the C1120 contractor for impacts to the Wilshire/Rodeo station construction activities from work restrictions imposed by the City of Beverly Hills (COBH) Memorandum of Agreement (MOA) during the following period: a. November 24, 2022 to January 1, 2023. This Modification excludes individual COBH holidays defined in the MOA which were not already part of the C1120 Contract. Those individual additional COBH holidays will be captured separately in a subsequent Change.	2	12/9/2023	12/28/2023	\$ 1,178,719.00	\$ 1,137,640.00
MOD-00198	<u>MOA Impacts Along the Reach 4 and 5 Tunnel Alignment January 2, 2023 to November 22, 2023:</u> The purpose of this Change Notice is to compensate the C1120 contractor for impacts along the Reach 4 and 5 of the Tunnel Alignment construction activities from work restrictions imposed by the City of Beverly Hills (COBH) Memorandum of Agreement (MOA) during the following period: January 2, 2023 to November 22, 2023. This Change Notice excludes individual COBH holidays defined in the MOA which were not already part of the C1120 Contract. Those individual additional COBH holidays will be captured separately in a subsequent Change Notice.	2	7/20/2023	2/29/2024	\$ 4,958,015.00	\$ 833,552.00
MOD-00203	<u>Station OPE Design Revisions (Claim-044, RFC-00103):</u> This Modification is a full resolution of Claim 44 as recommended by the Dispute Resolutions Board's (DRB's) Decision dated January 24, 2024, and is to compensate Tutor Perini/O&G A Joint Venture (TPOG) for the design of the Over Platform Exhaust (OPE) ventilation system as presented in the Approved for Construction Drawings.	5	2/5/2024	2/28/2024	\$ 4,355,142.00	\$ 4,075,268.00
CO-00060.3	<u>MOA Impacts to Work Activities during 2023 Holiday Moratorium:</u> This Not-to-Exceed Change Order is for MOA Impacts to work activities from November 23, 2023 to January 1, 2024. The Change Order revision was necessary to keep the Work moving while negotiations for a bilateral Modification continue.	2	N/A	1/26/2024	N/A	\$ 1,200,000.00
CO-00062	<u>Additional Project Management, Administration and Contract Compliance for Extended Design Services (RFC-000110):</u> This Unilateral Change is to compensate the Contractor for additional Project Management, Administration and Contract Compliance for Extended Design Services per GC 32.6.2.E for Contract Modifications (MODs) actively progressing between October 1, 2021 and July 31, 2023 as merited in the response to RFC-00110.	5	N/A	12/11/2023	\$ 1,488,880.00	\$ 706,933.00
CO-00063	<u>Additional Project Management, Administration, and Compliance Activities for Changes Issued During Base Design Services (RFC-00104):</u> This Unilateral Change is to compensate the Contractor for 173 working days of additional Engineering Services comprising Project Management, Administration, and Compliance Activities for Changes issued during Base Design Services which extended the date of the Metro approved (TPOG P6) baseline schedule completion date of October 29, 2018 by 173 working days.	5	N/A	12/19/2023	\$ 11,600,778.00	\$ 1,545,936.00

**B. PROFESSIONAL SERVICES CONTRACTS**

None						
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**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

None						
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2023 - February 29, 2024)**

**A) DESIGN BUILD CONTRACT - CONTRACT NO. C1120 - Tutor Perini / O&G, A Joint Venture**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN-00205	<u>MOA Impacts to Work Activities within the City of Beverly Hills during 2021 Holiday Moratorium</u> : This is to compensate the C1120 contractor for impacts to the Wilshire/Rodeo station construction activities from work restrictions imposed by the City of Beverly Hills (COBH) Memorandum of Agreement (MOA) during the following period: a. November 25, 2021 to January 1, 2022. This Change Notice excludes individual COBH holidays defined in the MOA which were not already part of the C1120 Contract. Those individual additional COBH holidays will be captured separately in a subsequent Change Notice.	2	Between \$500K and less than \$1M
CN-00219	<u>Non-Metro Standard Fixtures for Art Illumination at Escalator Areas (RFI 311.1)</u> : This change notice directs the Contractor to develop, fabricate, and install a light fixture assembly for the lighting of artwork adjacent to escalators, using non-Metro standard light fixtures to meet Metro artwork lighting requirements, lighting maintenance accessibility requirements, and vandalism prevention requirements.	5	Between \$500K and less than \$1M
CN-00220	<u>CCCS Crossover Sprinklers</u> : This is to compensate the Contractor for extending the design and construction of the fire sprinkler system into the East ancillary module at the track level above the crossover tracks at Century City Constellation Station.	5	Between \$500K and less than \$1M

**B) PROFESSIONAL SERVICES CONTRACTS**

	None		
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None		
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**WESTSIDE PURPLE LINE SECTION 3**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2023 - February 29, 2024)**

Change Types:  
 1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1151 (FKTP)**

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
C1151-MOD-00028	PLE3 – Accelerated Resequenced Schedule - Implementation of the Accelerated Integrated Resequenced/Coordinated Schedule to achieve a Substantial Completion date of January 27, 2027.	5	11/16/2023	12/12/2023	\$ 55,324,224	\$ 21,656,486

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1152 (TPOG)**

C1152-MOD-00104	Changes Resolved with Schedule Acceleration and Resequencing Settlement - This Modification settles various changes and claims. The scope of the changes and claims includes but is not limited to Acceleration Work for discrete changes, additional COLA requirements, additional utility work for known and unknown utilities and changed work related to excavation of the VA and UCLA stations.	5	11/17/23	12/12/2023	\$ 26,135,161	\$ 20,688,272
C1152-MOD-00105	PLE3 – Accelerated Resequenced Schedule - Implementation of the Accelerated Integrated Resequenced/Coordinated Schedule to achieve a Substantial Completion date of January 27, 2027.	5	11/16/23	12/12/2023	\$ 103,845,985	\$ 67,655,242
C1152-CO-00035.4	VA Steam Tunnel Size Increase and Redundancy – VA Sta - CONSTRUCTION ONLY - The base Contract requires relocation of the existing VA steam line/tunnel; however, the Veterans Affairs (VA) Department is requiring an enlarged steam tunnel built to current VA design criteria due to the VA hospital reliance on this Mission critical utility. Metro executed a Memorandum of Understanding (MOU) with the Veterans Affairs (VA) Department in March 2019 as part of the process to acquire easement rights to construct and operate the Westwood/VA Hospital Station. The MOU included requirements for an enlarged steam line tunnel to accommodate the relocated steam line and associated existing utilities and provide accommodations for a future expansion of the steam equipment to meet VA requirements.	2	11/09/23	12/6/2023	\$ 13,711,346	\$ 13,711,346
C1152-CO-00120.1	Tail Tracks – Hi-Rail Vehicle Storage - DESIGN ONLY The addition of a hi-rail vehicle storage area in the tail track at the west end of the D Line will significantly reduce transit service delays by reducing hi-rail trips back to the B & D Line Yard (Division 20), which is 17 miles away from the tail track area. The storage area will also allow hi-rail vehicles to be turned around to drive back to the yard normally. This will eliminate having to operate hi-rail vehicles abnormally, in reverse for the entire duration back to the yard. In addition, it provides for storage for failed hi-rail vehicles and reduces revenue service disruptions when hirail vehicles need to be deployed to the west end of the Metro D Line.	5	02/22/24	2/28/2024	\$ 10,979,572	\$ 2,628,912
C1152-CO-00122	VA Sta- Water Supply Loop System at Wilshire/ Federal Intersection - Construction Only (Excluding Materials as per CO-91) - FLS MRDC Criteria 2.6.3.2 requires that domestic water supply to stations shall be from two public utility mains, this then allows if one of the water mains is out of service, the water from the second main will still provide water to Metro's station. The existing LADWP water supply at Federal Blvd and Wilshire Blvd currently consists of two single water lines that are not connected. The addition of a "loop" will connect the two water lines. In addition, the existing pressure in the LADWP system is inadequate to provide water to Metro's station; therefore, a portion of the water lines that the loop connects to needs to be upsized from 6" to 10" pipes.	5	11/30/23	12/8/2023	\$ 32,069,434	\$ 5,000,000

**B. PROFESSIONAL SERVICES CONTRACTS**

C1204-MOD-00003	VA Shuttle & Valet Services - Option Exercise and Surge Level of Effort - Exercise Contract Options 1 to 3 for 18 months to perform services beyond their base period. This will ensure fulfillment of Metro's Memorandum of Understanding with the VA Hospital and to ensure a seamless transition of parking availability of VA Hospital patrons, who are predominantly disabled veterans and military retirees.	5	01/23/24	2/15/2024	\$ 3,376,006	\$ 3,376,006
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**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None					
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2023 - February 29, 2024)**

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1151 (FKTP)**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1152 (TPOG)**

C1152-MOD-00108	UCLA Sta and VA Sta - Artwork Lighting (CONSTRUCTION ONLY) - During Final Design, it was raised that three of Metro's Standard Light fixtures are not appropriate for use at the station locations and the contractor, in collaboration with Metro Art Department, revised the type of lighting from Metro Standard Drawings ES-118, ES-114, and ES-113 to other lighting suitable for intended use.	5	Between \$1M and \$5M
C1152-MOD-00109	VA Sta- Water Supply Loop System at Wilshire/ Federal Intersection - Construction Only (Excluding Materials as per CO-91) - FLS MRDC Criteria 2.6.3.2 requires that domestic water supply to stations shall be from two public utility mains, this then allows if one of the water mains is out of service, the water from the second main will still provide water to Metro's station. The existing LADWP water supply at Federal Blvd and Wilshire Blvd currently consists of two single water lines that are not connected. The addition of a "loop" will connect the two water lines. In addition, the existing pressure in the LADWP system is inadequate to provide water to Metro's station; therefore, a portion of the water lines that the loop connects to needs to be upsized from 6" to 10" pipes.	5	More than \$15M

**B) PROFESSIONAL SERVICES CONTRACTS**

	None		
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None		
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## AIRPORT METRO CONNECTOR

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2023 - February 29, 2024)

Change Types:

1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

#### A. DESIGN BID BUILD CONTRACT - CONTRACT NO. C1194 - HPH

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

#### A. DESIGN BID BUILD CONTRACT - CONTRACT NO. C1197 - Tutor

Tutor - C1197 CO 10.1 CN 57	Bulletin 40 - Projectwide Roof Modifications Increases CO 10 from 1,495,000 to 2,995,000  Los Angeles World Airports (LAWA) is currently widening Arbor Vitae Street as part of their Landside Access Modernization Program (LAMP). As a result, the signal and gate equipment at the existing at-grade crossing will need to be removed and replaced to accommodate the wider street. This involves deactivation of the current street crossing equipment. While the street is under construction, pedestrian access will be maintained, and Metro will continue to use Arbor Vitae crossing to move trains between Southwest Yard and the K-line. To mitigate potential safety risks and prevent interruptions to Metro Operations, flaggers must be utilized to ensure the safe passage of trains through the deactivated crossing. The flaggers would also maintain the safety of pedestrians and other construction personnel when walking across the tracks.  Flagging cost incurred by the AMC project, as a result of LAWAs construction efforts on Arbor Vitae Street, will be reimbursed by LAWA.	5	11/07/23	11/29/2023	n/a (CO)	\$ 2,995,000.00
Tutor - C1197 Mod 29 CO 11 CN 18 Bulletin 23A	Bulletin 23A - Sewage Ejector:  The Contractor shall provide all labor, materials, equipment, testing, and work activities related to construction of the work, per the attached Bulletin 23A, and in accordance with the Contract Documents. Work includes, but is not limited to, the installation of an Air Compressor and Pneumatic Pump, a concrete pneumatic pump pit along with access hatches and ladders, and associated appurtenances. 23A - Sewage Ejector:  The Contractor shall additionally coordinate between Metro and the vendor regarding the number of SCADA monitoring points required for this pump system.	5	12/29/2023	2/8/2024		\$ 2,665,057.00
Tutor - CO 12 CN 50 Bulletin 43	Bulletin 43 - Added Roof Hatches and MESH Ceiling Hatches  The Contractor shall provide the necessary labor, equipment, and materials to perform work in accordance with the Contract Documents and Bulletin 43.  - Adjust the location and add fixed railing to all roof hatches. - Install fixed ladders equipped with traveling fall restraint systems for the LRT, Bike Hub, and Metro Hub roof hatches - Descope the roof hatches on the retail hub and elevator towers. - Update the waterproofing details at the ribbon roof hatches. - Provide access from the mezzanine level through the clg 11 mesh ceiling panels to the ribbon roof hatches. - Adjust the quantity, location, and details of the roof access doors in the mesh soffits. - Add access panels for junction boxes through the clg 11 (mesh ceiling panels) and clg 12 metal panel ceiling panels between columns.	5		2/29/2024		\$ 1,164,000.00

#### B. PROFESSIONAL SERVICES CONTRACTS

None						
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#### C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None						
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2023 - February 29, 2024)**

**A. DESIGN BID BUILD CONTRACT - CONTRACT NO. C1194 - HPH**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

**A. DESIGN BID BUILD CONTRACT - CONTRACT NO. C1197 - Tutor**

	None		
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**B) PROFESSIONAL SERVICES CONTRACTS**

	None		
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None		
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## RAIL TO RAIL

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2023 - February 29, 2024)

Change Types:  
 1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

#### A. DESIGN BUILD CONTRACT - CONTRACT NO. C1166 Rail to Rail (Griffith)

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
C1166 Mod 65 CO 14 CN 44	<p><u>Mod 65 (CO 14) - Hazardous Soil Mitigation in MROW #2</u></p> <p>Due to soil top layer being tested as Hazardous in-situ, and soil needing to be removed from project for various base scope reasons (excess soil, oversaturated soil, etc.), the Contractor is to provide all cost associated with fees, labor, equipment, and material to:</p> <ul style="list-style-type: none"> <li>-Haul soil that is to be removed from project to a stockpile site for testing purposes (see note below);</li> <li>-Soil shall be dumped/mixed and stockpiled at nearest location to work (either on Metro ROW adjacent to excavation; or between 67th &amp; 11th and Crenshaw Blvd; or at Compton Block-Segment T) whichever is the most cost efficient and efficient for the schedule of the project;</li> <li>-When soil has been stockpiled, after testing has indicated material is now "contaminated" for dumping purposes: Excavate and haul out the contaminated soil from stockpile to a dumpsite that will accept said material; When soil is in-situ: Haul out the contaminated soil from in situ to a dumpsite that will accept said material (see note below);</li> <li>-Dump and pay fees at dumpsite for contaminated soils;</li> </ul> <p>where such soil on Metro ROW, at 2' to 2.5' below original grade, tested with excess arsenic and lead levels to be mixed with soil below 2.5' that has corresponding reduced amount of arsenic and lead levels.</p>	5	2/21/2024	Circulating for signature	\$ 2,653,984	\$ 2,543,538

#### B. PROFESSIONAL SERVICES CONTRACTS

None						
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#### C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None						
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2023 - February 29, 2024)**

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1166 Rail to Rail (Griffith)**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

**B) PROFESSIONAL SERVICES CONTRACTS**

	None		
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None		
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## METRO G LINE BRT IMPROVEMENTS

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2023 - February 29, 2024)

Change Types:

1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

#### A. DESIGN BUILD CONTRACT - CONTRACT NO.

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
CN-03/MOD-03	Stormwater Capture Additional Deep Infiltration Testing	3	11/3/2023	12/11/2023	\$ 737,839	\$ 507,476

#### B. PROFESSIONAL SERVICES CONTRACTS

None						
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#### C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None						
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2023 - February 29, 2024)**

**A) DESIGN BUILD CONTRACT - CONTRACT NO.**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

**B) PROFESSIONAL SERVICES CONTRACTS**

	None		
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None		
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## I-105 EXPRESS LANES

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2023 - February 29, 2024)

Change Types:  
 1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

#### A. CMGC CONTRACT - CONTRACT NO. PS84667000

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

#### B. PROFESSIONAL SERVICES CONTRACTS (WSP, Segment 1, Contract # AE275020011497-TO8)

3	Seg 1, Re-design retaining walls from standard to special soil nail walls, Median overhead sign type and foundations, and Toll Systems	5		10/19/2023	\$ 11,999,073.00	\$ 9,388,998.00
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#### C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

	None					
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2023 - February 29, 2024)**

**A. CMGC CONTRACT - CONTRACT NO. PS84667000**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

**B. PROFESSIONAL SERVICES CONTRACTS (WSP, Segment 1, Contract # AE275020011497-TO8)**

4	Segment 1, Utility Relocation design, developing local road plans sheets in City of LA format, updating design to delete 3 tolling pricing signs and updating Seg 1 PS&E to 2023 Clatrans Standards.	5	Between \$1M and \$5M
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**B) PROFESSIONAL SERVICES CONTRACTS (WSP, Segment 2&3, Contract # AE77613000)**

1	Segment 2&3 soil nail wall, seismic retrofit and TVM relocation	5	Between \$5M and \$10M
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None		
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## EAST SAN FERNANDO VALLEY TRANSIT CORRIDOR

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2023 - February 29, 2024)

Change Types:

1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

#### A. DESIGN BUILD CONTRACT - CONTRACT NO.

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
None						

#### B. PROFESSIONAL SERVICES CONTRACTS

None						
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#### C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None						
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2023 - February 29, 2024)**

**A) DESIGN BUILD CONTRACT - CONTRACT NO.**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
PS89616000-MOD-2	Early Works Package (EWP) 02 – Initial Integrated Project Management Office (IPMO)	5	Between \$5M and \$10M

**B) PROFESSIONAL SERVICES CONTRACTS**

	None		
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None		
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**I-605 SOUTH STREET INTERCHANGE IMPROVEMENTS**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2023 - February 29, 2024)**

Change Types:  
 1 - Betterment   2 - Third Party   3 - Differing Site Conditions   4 - Regulatory Requirements   5 - Scope   6 - Value Engineering   7 - Safety

<b>A) DESIGN BUILD CONTRACT - CONTRACT NO. C1226 - I-605 South Street</b>						
MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					
<b>B. PROFESSIONAL SERVICES CONTRACTS</b>						
	None					
<b>C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS</b>						
	None					

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2023 - February 29, 2024)**

**A) DESIGN BUILD CONTRACT - CONTRACT NO. C1226 - I-605 South Street**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

**B) PROFESSIONAL SERVICES CONTRACTS**

	None		
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None		
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**D) THIRD PARTY AGREEMENTS**

TPAF850460313000 Line TBD (460346)	<p><u>California Highway Patrol - Construction Zone Enhanced Enforcement Program (COZEEP)</u></p> <p>COZEEP involves the presence of the CHP in certain construction zones to serve as a reminder to the motoring public to slow down, observe construction zone signs, and use care while driving through the work zone. Funding for COZEEP comes from highway construction.</p>		Between \$500K and less than \$1M
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**EB SR-91 ATLANTIC AVENUE TO CHERRY AVENUE**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2023 - February 29, 2024)**

Change Types:  
 1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety

<b>A. DESIGN BUILD CONTRACT - CONTRACT NO. C1228 - EB 91 Atlantic to Cherry - Flatiron West, Inc.</b>						
MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					
<b>B. PROFESSIONAL SERVICES CONTRACTS</b>						
	None					
<b>C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS</b>						
	None					

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2023 - February 29, 2024)**

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1228 - EB 91 Atlantic to Cherry - Flatiron West, Inc.**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

**B) PROFESSIONAL SERVICES CONTRACTS**

AE53025001	<u>Design Support During Construction - TRC Solutions</u> Contract with TRC expires March 30, 2024. Working on contract extension for continued DSDC.	5	Between \$1M and \$5M
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

AE94982MC082 Arcadis Task Order No.1	CMSS - Arcadis - TO 1 - EB 91 Scope of work is to set up the field office.		Between \$1M and \$5M
AE94982MC082 Arcadis Task Order No.2	CMSS - Arcadis - TO 2 - EB 91 Scope of work is provide construction management support services staff to support construction contract C1228, including but not limited to the Resident Engineer (RE), Assistant Resident Enginner, and Office Engineer.		Between \$10M and \$15M

**D) THIRD PARTY AGREEMENTS**

TPAF850460313000 Line TBD (460346)	<u>California Highway Patrol - Construction Zone Enhanced Enforcement Program (COZEEP)</u> COZEEP involves the presence of the CHP in certain construction zones to serve as a reminder to the motoring public to slow down, observe construction zone signs, and use care while driving through the work zone. Funding for COZEEP comes from highway construction.		Between \$500K and less than \$1M
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**Attachment B - OIG Spot Check CEO Delegated Authority Delays Avoided (through February 2024)**

Project Name	Total Work Days Saved	Years Saved
<b>Crenshaw/LAX</b>	336	1.3
<b>Regional Connector</b>	463	1.8
<b>Purple Line Section 1</b>	777	3.0
<b>Purple Line Section 2</b>	461	1.8
<b>Purple Line Section 3</b>	486	1.9
<b>Division 20</b>	170	0.7
<b>Airport Metro Connector</b>	31	0.1
<b>Total Savings</b>	<b>2693</b>	<b>10.4</b>



# Program Management Quarterly Change Report Summary

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Darcy Buryniuk

Chief Program Management Officer

# Program Management Quarterly Change Report

- This report summarizes quarterly changes valued at greater than \$500,000 for projects managed by Program Management.
- The current Quarterly Change Orders Log is reporting a period from December 1, 2023, through February 29, 2024.
- Changes included in this report are within the approved LOP budget for each project.
- The next Change Order Log will cover the period of March 1, 2024, through May 31, 2024, and will be presented to the July 2024 Construction Committee.

## Quarterly Changes (Dec. 1, 2023 – Feb 29, 2024)

Project	# of Approved Changes	Contractor Proposed Amount	Total Approved Amount	Within LOP	# of Pending Changes	Range	Within LOP
Westside Purple Line Extension Section 1	4	\$ 6,409,148	\$ 4,275,136	√	3	Between \$500K and \$5M	√
Westside Purple Line Extension Section 2	8	\$ 31,559,450	\$ 11,426,732	√	3	Between \$500K and less than \$1M	√
Westside Purple Line Extension Section 3	7	\$ 245,441,728	\$ 134,716,264	√	2	Between \$1M and \$5M, More than \$15M	√
Airport Metro Connector	3	N/A	\$ 6,824,057	√	-	-	-
Rail to Rail	1	\$ 2,653,984	\$ 2,543,538	√	-	-	-
Metro G Line BRT Improvements	1	\$ 737,839	\$ 507,476	√	-	-	-
I-105 Express Lanes	1	\$ 11,999,073	\$ 9,388,998	√	2	Between \$1M and \$10M	√
East San Fernando Transit Corridor	-	-	-	-	1	Between \$5M and \$10M	√
I-605 South Street Interchange Improvements	-	-	-	-	1	Between \$500K and less than \$1M	√
EB SR-91 Atlantic to Cherry Avenue	-	-	-	-	4	Between \$500K and \$5M, Between \$10M and \$15M	