



Board Report

File #: 2022-0855, **File Type:** Informational Report

Agenda Number:

**CONSTRUCTION COMMITTEE
JANUARY 19, 2023**

SUBJECT: PROGRAM MANAGEMENT QUARTERLY CHANGE REPORT

ACTION: RECEIVE AND FILE

RECOMMENDATION

RECEIVE AND FILE Quarterly Status Report on Program Management change orders.

ISSUE

This board report provides a quarterly update from Program Management on change orders related to our capital program that are greater than \$500,000. Greater detail is provided in Attachment A - Quarterly Change Orders Log for Reporting Period of September 1, 2022 - November 30, 2022.

BACKGROUND

In January 2017, the Board approved a one-year pilot to delegate to the CEO 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 LOP budget management 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. 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 2,075 concurrent workdays or concurrent 8.0 years, aggregated across the program, have been saved. (For more information refer to Attachment B entitled OIG Construction Change Order Spot Checks CEO Delegated Authority Total Delays Avoided).

DISCUSSION

The change activities for the reporting period between September 1, 2022 and November 30, 2022 are included in Attachment A.

FINANCIAL IMPACT

The changes included in this report are included in the approved life-of-project budget for each project.

EQUITY PLATFORM

Crenshaw/LAX	Equity - 8 of 8 stations (100%) are within or adjacent to Equity Focus
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
Division 20	Equity - 100% of the project is 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
Rosecrans/Marquardt	Equity - **% 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 Change Order Log will cover the period of December 1, 2022 through February 31, 2023 and will be presented to the April 2023 Construction Committee.

ATTACHMENTS

Attachment A - Quarterly Change Orders Log for Reporting Period of September 1, 2021 - November 30, 2022.

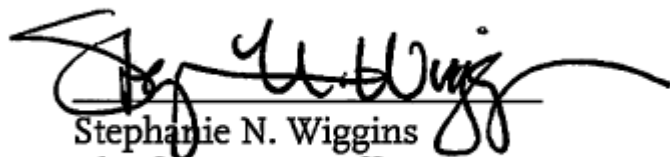
Attachment B - OIG Construction Change Order Spot Checks CEO Delegated Authority Delays Avoided

Prepared by:

-
- **Crenshaw/LAX** - Sameh Ghaly, Interim Senior Deputy Chief, Program Management, (213) 418-3369
 - **Westside Purple Line Ext 1** - James Cohen, Interim Senior Executive Officer, Program Management, (323) 900-2114
 - **Westside Purple Line Ext 2** - Michael McKenna, Interim Senior Executive Officer, Projects Management, (424) 551-4447
 - **Westside Purple Line Ext 3** - Kimberly Ong, Executive Officer, Projects Engineering, (424) 551-4501
 - **Division 20 Portal** - Sameh Ghaly, Interim Senior Deputy Chief, Program Management, (213) 418-3369
 - **Airport Metro Connector** - Tim Lindholm, Deputy Chief, Program Management, (213) 922-7297
 - **Rail to Rail** - Tim Lindholm, Deputy Chief, Program Management, (213) 922-7297
 - **Rosecrans/Marquardt** - Sameh Ghaly, Interim Senior Deputy Chief, Program Management, (213) 922-7297
 - **Report** - Julie Owen, Sr. EO Program Control, (213) 922-7313

Reviewed by:

Bryan Pennington, Chief Program Management Officer, (213) 922-7449



Stephanie N. Wiggins
Chief Executive Officer

CRENSHAW/LAX CLOSE OUT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2022 - November 30, 2022)

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. C1217 - GRIFFITH COMPANY

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

B. PROFESSIONAL SERVICES CONTRACTS

	None					
--	------	--	--	--	--	--

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

	None					
--	------	--	--	--	--	--

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2022 - November 30, 2022)

A) DESIGN BUILD CONTRACT - Contract No. C1217 - GRIFFITH COMPANY

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

B) PROFESSIONAL SERVICES CONTRACTS

PS20655-075 MOD-00003	Vendor TRC Solutions: CLAX-Union Equity Buildings Abatement and Demolition Services – Additional Cost for Schedule Extension of 18 weeks for abatement, demolition, and grading activities. The additional time is attributed to environmental issues and permit delays by the City of Inglewood.	5	Between \$500K and less than \$1M
--------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---	-----------------------------------

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None			
------	--	--	--

WESTSIDE PURPLE LINE SECTION 1

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2022 - November 30, 2022)

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 BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
CO-13	San Vicente Anomaly Impacts: Executive business decision to provide payment of direct costs (labor, material, equipment, mark-ups, etc.) for the San Vicente Anomaly Differing Site Condition impacts until a recommendation is provided through the Neutral Evaluation process.	3	9/21/2022	8/11/2022	\$236,521,332	\$17,676,696
CO-15	Station Artwork Architectural Glass: This change order is for the Contractor to provide engineering, labor, material, and equipment to procure and install the enhanced artwork beyond the base contract at all three WPLE1 Stations (Wilshire/La Brea, Wilshire/Fairfax, and Wilshire/La Cienega) The scope of the artwork exceeds the funds available in the provisional sums (Schedule B). This change order has been issued so that artwork activities move forward while negotiations regarding price continue.	5	9/21/2022	9/19/2022	N/A	\$4,500,000
CO-16	Wilshire/La Brea Stand-By Generator and Load Bank Procurement: Due to new final design information provided by WPLE2 and WPLE3, WPLE1 has to upgrade its standby generators to a larger size to accommodate the increased generator loads (Emergency Ventilation Fans, Under Platform Exhaust Fans and Station UPS's) at the Wilshire/La Brea Station. This change order is being issued so that the manufacturer can move forward with the procurement and delivery of the generator and the load bank at Wilshire/La Brea Station.	5	9/28/2022	9/23/2022	N/A	\$1,000,000
CO-17	Wilshire/La Cienega Standby Generator and Transformer Procurement: Due to new final design information provided by WPLE2 and WPLE3, WPLE1 has to upgrade its standby generators to a larger size to accommodate the increased generator loads (Emergency Ventilation Fans, Under Platform Exhaust Fans and Station UPS's) at the Wilshire/La Cienega Station. This change order is being issued so that the manufacturer can move forward with the procurement and delivery of the generator and the load bank at Wilshire/La Cienega Station.	5	11/8/2022	11/2/2022	N/A	\$700,000

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

None						
------	--	--	--	--	--	--

B. PROFESSIONAL SERVICES CONTRACTS

None						
------	--	--	--	--	--	--

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None						
------	--	--	--	--	--	--

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2022 - November 30, 2022)

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-00206	<u>Wilshire/La Cienega Appendage AA Support of Excavation (SOE) Pile Conflict with AT&T Ductbank</u> : This change compensates the contractor to relocate SOE piles to avoid the existing AT&T ductbank and adjacent building foundation. During potholing activities, it was discovered that SOE piles were in conflict with the existing AT&T ductbank and the adjacent building foundation.	3	Between \$1M - \$5M
CN-00209.1	<u>Traction Power System second Heat Run Test & Transformer Design Tests</u> : This change addresses Metro Engineering's requirement to perform tests of differing utility power input voltages, specifically 34.5kV and 16.34kV, which are not included in the base contract work.	5	Between \$500K and less than \$1M
CN-00231	<u>Spare Parts for La Brea and La Cienega Fully Guarded Double Crossovers</u> : Only a portion of the spare parts needed for the fully guarded double crossovers are in the base contract spare parts list. This change allows the contractor to provide all of the spare parts needed for the fully guarded double crossovers at Wilshire/La Brea and Wilshire/La Cienega Station.	5	Between \$1M - \$5M
CN-00235	<u>Expedite Cutterhead Removal at Tail Track</u> : This change is being issued to expedite the removal of the WPLE1 cutterheads at the Purple Line Extension (PLE) Section 1 and 2 grout end block interface. This expedited removal will minimize potential cost/schedule impacts for both WPLE1 and WPLE2 Projects.	5	Between \$1M - \$5M
CN-00238	<u>Wilshire/La Brea SOE Construction Impacts from DR# 07-WPLE1-2016-003</u> : A Design Deviation Request (DDR) was issued in response to the Building Settlement Assessment Design Unit 2 La Brea Station report. As a result of this DDR, some of the steel member sizes have increased. The steel members that had already been procured have to be replaced. This change compensates the contractor for the difference.	5	Between \$1M - \$5M

A) CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP

None			
------	--	--	--

B) PROFESSIONAL SERVICES CONTRACTS

None			
------	--	--	--

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None			
------	--	--	--

WESTSIDE PURPLE LINE SECTION 2

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2022 - November 30, 2022)

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

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
CO-00023.2	CCCS Relocated UPE Plenum at Westfield Mall-Design (Unilateral) ; This Change is for the relocation of the under platform exhaust (UPE) plenum from private property to the public right-of-way (sidewalk) along Constellation Boulevard. It was initiated when Westfield Mall informed Metro that they were no longer interested in constructing their own private entrance to the station. Metro is moving the UPE appendage into the public ROW to avoid the cost of acquiring temporary and permanent easements from Westfield Mall.	5	--	9/14/2022	\$5,228,000.00	\$2,758,978
CO-00051	WRS Construction of Permanent Power Duct Banks ; The scope of this Change is to pothole, complete Final Design, and install Southern California Edison (SCE) duct banks for primary and secondary SCE power feeds to Wilshire/Rodeo Station switchgears, based on a preliminary design provided by SCE which was not a part of the original C1120 contract scope.	5	--	9/14/2022	N/A	\$5,000,000
CO-00052	WRS MOA Impacts to Excavation after the Full Closure (June 16, 2020 through Nov. 12, 2020) (Unilateral) ; The purpose of this Change Notice is to compensate the contractor for impacts from additional construction work restrictions from the City of Beverly Hills (COBH) Memorandum of Agreement (MOA) for the construction work expected to occur after the specific work activities identified and included in MOD-00124- Full Closure of Wilshire Blvd.	2	--	10/4/2022	\$1,217,000.00	\$1,162,784

B. PROFESSIONAL SERVICES CONTRACTS

None						
------	--	--	--	--	--	--

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None						
------	--	--	--	--	--	--

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2022 - November 30, 2022)

A) DESIGN BUILD CONTRACT - CONTRACT NO. C1120

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN-00207	Project Management, Administration, and Compliance Activities Effort for Design Modifications (RFC-000110): This change is to compensate the Contractor for Project Management, Administration, and Compliance Activities for certain Design Services-related Contract Modifications (MODs) and Provisional Sums (PSAs) issued after October 1, 2021 as described in response to RFC-00110.	5	Between \$1 and \$5 Million

B) PROFESSIONAL SERVICES CONTRACTS

CN-00081	Continuation of Engineering Support Services During Construction for WPLE Section 2 Project	5	Between \$10 and \$15 Million
----------	---------------------------------------------------------------------------------------------	---	-------------------------------

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

	None		
--	------	--	--

WESTSIDE PURPLE LINE SECTION 3

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2022 - November 30, 2022)

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 BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
C1151-MOD-00007.2	Revisions to Southern California Edison (SCE) Power Connection - This change is necessary because Metro was required to move the construction staging area and Tail Track Exit Shaft from the U.S. Army Reserve site to the Western VA Construction Staging Area (refer to CN-001). In addition, SCE changed their original scheme to require the entire conduit run along Federal Ave to be underground to enhance reliability of the power that will be provided to Metro and the C1151 Contractor.	5	10/20/2022	11/8/2022	\$6,236,425	\$4,217,568
C1151-MOD-00023	Resolution of NOIC #1 (Time Extension for Compensable Delay Relating to Property Access and Relocation to the VA site) - Special Provisions Appendix B provides the Right of Way (ROW) Availability Schedule for the Western VA Tail Track Exit Shaft (Parcel ID: W-5401-4) as NTP+260 calendar days which equates to October 01, 2019; however, the parcel was not fully available until December 1, 2019 due to late property handover from the VA to Metro. The sequence of work for this Contract is in general linear and requires the above location for the construction staging yard prior to starting the tunneling construction which is the main scope of the Work. Consequently, there was no work around available for the contractor to perform since the parcel itself was the primary construction staging location for commencement of the tunnel construction. The late turnover caused 155 days of delay of which 95 days (MOD 02) were initially recognized by Metro with an extension of contract time as well as the contract's daily compensation rate found in Schedule D for delay, and the remainder 60 days were in dispute. For the purpose of resolving this claim and given the unusual details of such a unique and significant delay and scope change so soon after NTP, this onetime exception resolves the pending claim.	2	9/29/2022	10/7/2022	\$990,000	\$990,000

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

C1152-CO-00035.2	VA Steam Tunnel Size Increase and Redundancy – 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	8/19/2022	10/19/2022	N/A	\$6,400,000
C1152-CO-00064.4	UCLA Sta – Additional Adjacent Development Analysis on SOE - Design Only - A new adjacent development at Wilshire Blvd and Gayley Avenue, which is close to the Metro Station and Entrance at Lot 36, may be constructed during the duration of the Purple Line Extension Section 3 project. The schedule of the adjacent development and design details were not known at the time when the C1152 bid documents were prepared, and therefore, specific requirements to consider the development are not included in the Contract. Given the potential for the development to take place during the construction of the Westwood/UCLA Station, it is necessary for the C1152 contractor to determine if there are any impacts on the station and entrance structures and support of excavation.	5	10/25/2022	11/17/2022	N/A	\$525,963
C1152-CO-00091	VA Sta - Water Supply Loop System at Wilshire/Federal Intersection – Construction Only - FLS MRDC Criteria 2.6.3.2 require 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 not sufficient to provide water to Metro's station, so a portion of the water lines that the loop connects to need to be upsized from 6" to 8" pipes. FLS MRDC Criteria 2.6.3.2 requires water supply main risers be interconnected by an 8 in pipe. The Contractor has determined that pressure losses across the long run from the Wilshire Blvd/Federal Ave intersection to the Westwood/VA Hospital Station require upsizing the supply mains for fire water from 8-inch to 10-inch pipes.	5	11/10/2022	11/22/2022	N/A	\$950,000

B. PROFESSIONAL SERVICES CONTRACTS

PS54007-TO-008-MOD-00003	Metro Quality Management Consultant (QMC) Services for WPLE 3 Stations and Tunnels Project – FY23 Support - Continuation of Metro required Quality Management Consultant (QMC) contract to develop and apply a Quality Management Oversight (QMO) program to supplement Metro's Quality Management Department and to provide technical expertise in resolving complex issues.	5	10/14/2022	10/26/2022	\$793,241	\$793,241
--------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---	------------	------------	-----------	-----------

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

MC073-MOD-00019.1	Extension of Construction Management Support Services Through Fiscal Year 2023 - Continuation of Construction Management Support Services (CMSS) through FY23. CMSS staff support augments existing PLE 3 Project Management in managing C1151 (Tunnels) and C1152 (Stations) Contracts.	5	8/18/2022	9/20/2022	\$17,365,102	\$17,365,102
-------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---	-----------	-----------	--------------	--------------

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2022 - November 30, 2022)

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)

None			
------	--	--	--

B) PROFESSIONAL SERVICES CONTRACTS

None			
------	--	--	--

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None			
------	--	--	--

DIVISION 20 PORTAL PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2022 - November 30, 2022)

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. C1136 - TUTOR PERINI CORPORATION

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
CO17.4(MOD#37)	First Street Bridge Continuous Monitoring: This UCO covers MOD#37. The Contractor refused to sign the MOD, wanting Metro to include subcontractor bond costs. Work entails monitoring the displacements of the 1st street bridge and automated reading displacements set at intervals and alerts sent to BOE/MTA/Contract and Designer upon exceeding set thresholds	2	7/5/2022	7/26/2022	\$3,465,238.00	\$3,465,238
CO 18.3(MOD#48)	1st street bridge, Gold Line/Regional Connector Conduits Relocation: This UCO covers MOD#48. The contractor refused to sign the MOD, wanting Metro to include subcontractor bond costs. Work consists of structural and electrical work at 1st street bridge and surrounding area to relocate various traction power and communications conduits and cabling at the Intermediate Pylon and Bent 16	5	10/3/2022	10/21/2022	\$1,037,228.00	\$1,037,228
122 (CO)	Reduce Third Rail gap Lengths	6	10/19/22	10/31/2022	\$956,294.00	\$956,294

A. DESIGN BID BUILD CONTRACT - CONTRACT NO. C1184 - C3M

None						
------	--	--	--	--	--	--

B. PROFESSIONAL SERVICES CONTRACTS - CONTRACT NO. AE66758000 T.Y.LIN INTERNATIONAL

None						
------	--	--	--	--	--	--

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS- CONTRACT NO.MC074 ANSER ADVISORY MANAGEMENT LLC

None						
------	--	--	--	--	--	--

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2022 - November 30, 2022)

A) DESIGN BID BUILD CONTRACT - CONTRACT NO. C1136 - TUTOR PERINI CORPORATION

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
32.2(CO)	Traction Power Substation(TPSS) Civil and Power changes: Updates to civil/structural/traction power raceway designs of the TPSS and DWP switchgear site. Contractor shall install additional traction power manhole; concrete housekeeping pad for DWP equipment & TPSS foundation embed plates;construct ground grid;Reconstruct ductbanks	6	Between \$500K and less than \$1M
CO 121.1(MOD#57)	<u>Site Improvements for Garfield Yard to Store New Special Trackwork: This unilateral change order (UCO) replaces MOD #57. The contractor refused to sign the MOD, wanting Metro to include subcontractor bond costs. Work consists of site preparation; grading; fencing; security; transportation of materials and yard clean up after special trackwork is installed</u>	5	Between \$1M and \$5M
126(CO)	North Yard Contact Rail Jumper Conduit Stub Up Locations	5	Between \$500K and less than \$1M

A) DESIGN BID BUILD CONTRACT NO. C1184 - C3M

	None		
--	------	--	--

B) PROFESSIONAL SERVICES CONTRACTS- CONTRACT NO.AE66758000 T.Y.LIN INTERNATIONAL

	None		
--	------	--	--

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS - CONTRACT NO.MCO74 ANSER ADVISORY MANAGEMENT LLC

	None		
--	------	--	--

AIRPORT METRO CONNECTOR

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2022 - November 30, 2022)

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 - C1194 - HPH

MOD/CHANGE #	DESCRIPTION <small>(if the change is a unilateral, explain in BOLD fonts)</small>	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
HPH - C1194 Mod 2	Extend Substantial Completion and Closeout Deductive Modification reduces provisional sums and deletes the south turnback, but also adds 113 excusable days to the schedule.	5	11/18/2022	11/29/2022	-\$248,866	-\$571,571

A. DESIGN BID BUILD CONTRACT - C1197 - Tutor

None						
------	--	--	--	--	--	--

B. PROFESSIONAL SERVICES CONTRACTS

	Design Support During Construction (DSDC) for AMC:					
SECOTRANS - E0128-TO-015 Mod 6	The Systems Engineering Consultant (SEC) shall provide Systems Engineering, including Design Services During Construction (DSDC), to support the project throughout construction and testing of rail systems and Mechanical/Electrical/Plumbing (MEP). Mod 6 is for FY23 and funds through June 30, 2023.	5	10/26/2022	11/1/2022	\$1,499,923	\$1,499,923

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None						
------	--	--	--	--	--	--

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2022 - November 30, 2022)

A) DESIGN BID BUILD CONTRACT - Contract C1194 - HPH

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

A) DESIGN BID BUILD CONTRACT - Contract C1197 - Tutor

Tutor - C1197 CN 18 Bulletin 23A	<p>Bulletin 23A - Sewage Ejector:</p> <p>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.</p> <p>23A - Sewage Ejector:</p> <p>The Contractor shall additionally coordinate between Metro and the vendor regarding the number of SCADA monitoring points required for this pump system.</p>	5	Between \$500K and less than \$1M
-------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---	-----------------------------------

B) PROFESSIONAL SERVICES CONTRACTS - DSDC Gruen

None			
------	--	--	--

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None			
------	--	--	--

RAIL TO RAIL

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2022 - November 30, 2022)

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 - C1166 Rail to Rail (Griffith)

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
Mod 7- CO 1.2 CN 1 CONTRACTOR DID NOT SIGN MOD 7	<u>CO 1, the CO 1.1, now CO 1.2: Soil Remediation West of Inskeep Avenue</u> Soil was found to be "hazardous" not "contaminated" and contractor has to be reimbursed for the higher cost of disposing of such soil. Onsite Track Impacted Soil Remediation between Inskeep Ave and 11th Ave Contractor to provide the required labor, material, and equipment necessary to handle and treat the remaining Track Impacted Area non-RCRA/Cal-Haz soils onsite and hot spots areas. The track impacted area is approximately 15,650 cubic yards. The width is approximately 9 feet from track centerline in both directions, and depth is 1.5 ft. Time extension and any associated time related overhead shall be addressed by a future change, if applicable.	5	10/26/22	10/27/2022	\$7,787,685	\$7,787,685

B. PROFESSIONAL SERVICES CONTRACTS

HDR AE59600 TO 12 Mod 2	<u>Design Support During Construction</u> HDR TO 12 Mod 2 under Contract AE59600 (Andi Wang's contract) is to provide design support during construction for the duration of construction contract C1166.	5	10/20/2022	10/26/2022	\$647,004	\$647,004
-------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---	------------	------------	-----------	-----------

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None						
------	--	--	--	--	--	--

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2022 - November 30, 2022)

A) DESIGN BUILD CONTRACT - Contract C1166 - Rail to Rail (Griffith)

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

A. DESIGN BUILD CONTRACT - CONTRACT NO.

None			
------	--	--	--

B) PROFESSIONAL SERVICES CONTRACTS

None			
------	--	--	--

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

None			
------	--	--	--

Attachment B - OIG Spot Check CEO Delegated Authority Delays Avoided

Project Name	Total Work Days Saved	Years Saved
Crenshaw/LAX	336	1.3
Regional Connector	420	1.6
Purple Line Section 1	629	2.4
Purple Line Section 2	397	1.5
Purple Line Section 3	248	1.0
Division 20	45	0.2
Total Savings	2075	8.0