



## Board Report

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**File #:** 2022-0668, **File Type:** Informational Report

**Agenda Number:** 27.

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**CONSTRUCTION COMMITTEE  
October 20, 2022**

**SUBJECT: PROGRAM MANAGEMENT QUARTERLY CHANGE REPORT**

**ACTION: RECEIVE AND FILE**

**RECOMMENDATION**

RECEIVE AND FILE Status Report on Program Management Quarterly Change Report.

**ISSUE**

This board report is a receive and file that provides program management quarterly changes from capital projects greater than \$500,000. Greater detail is provided in Attachment A - Quarterly Change Orders Log for Reporting Period of June 1, 2022 - August 31, 2022.

**BACKGROUND**

In January 2017, the Metro 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 Life of Project (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 above \$500,000. CEO Board delegated authority of changes is very beneficial to expedite contract changes and avoid costly construction delays. Since the program's inception, up to 2,075 concurrent workdays or concurrent 8.0 years, aggregated across the program, have been saved. (Attachment B)

**DISCUSSION**

The change activities for the reporting period between June 1, 2022, and August 31, 2022, are included in Attachment A.

**FINANCIAL IMPACT**

The changes 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.
Regional Connector	Equity - 3 of 3 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 - 100% of the project is within or adjacent to Equity Focus Communities
Systemwide Signage	Equity - 55% of the project is within or adjacent to Equity Focus Communities
I-5 North County Enhancements	Equity - This project is not located 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 September 1, 2022, through November 30, 2022, and will be presented to the January 2023 Construction Committee.

### **ATTACHMENTS**

Attachment A - Quarterly Change Orders Log for Reporting Period of June 1, 2022 - August 31, 2022.

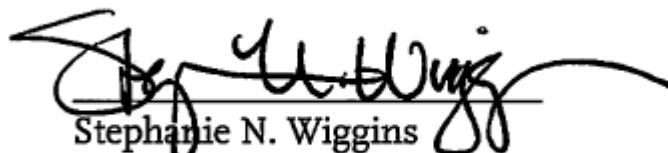
Attachment B - OIG Construction Change Order Spot Checks CEO Delegated Authority Delays Avoided

Prepared by:

- **Crenshaw/LAX** - Sameh Ghaly, Deputy Chief Program Management Officer, (213) 418-3369
- **Regional Connector** - Mathew Antonelli, Project Manager, (213) 893-7114
- **Westside Purple Line Ext 1** - James Cohen, EO Projects Eng., (323) 900-2114
- **Westside Purple Line Ext 2** - Michael McKenna, EO Projects Eng., (424) 551-4447
- **Westside Purple Line Ext 3** - Kimberly Ong, EO Projects Eng., (424) 551-4501
- **Division 20 Portal** - Sameh Ghaly, Deputy Chief Program Management Officer, (213) 418-3369
- **Airport Metro Connector** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **Metro Blue Line Resignaling** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **Rail to Rail** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **Systemwide Signage** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **I-5 North Country Enhancements** - Tim Lindholm, Deputy Chief Program Management Officer, (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

Attachment A - Change Order Log for Construction Committee, October 2022 Board

CRENSHAW/LAX TRANSIT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 – August 31, 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. C0988 - WALSH SHEA CORRIDOR CONSTRUCTORS						
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-00566 CN484 (Resolving older CO216.1 from June 21, 2018)	<b>BOCA Lights (CN-00484):</b> WSCC shall replace light fixtures at both at grade and underground station canopies, excluding Aviation Station. This MOD is a result of the resolution of change order CO-0216.2 from March 2020. <b>The project paid \$465k in March 2020 and will fund the balance of \$543,461.56 for the additional scope described in the modification.</b>	5	7/11/2022	8/3/2022	\$1,101,375	\$999,462
B. PROFESSIONAL SERVICES CONTRACTS						
	None					
C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS						
	None					

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2022 – August 31, 2022)**

**A) DESIGN BUILD CONTRACT - CONTRACT NO. C0988 - WALSH SHEA CORRIDOR CONSTRUCTORS**

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

**B) PROFESSIONAL SERVICES CONTRACTS**

MOD-00013	<b>E0128-TO-001 (CM-15860) Crenshaw Design Services During Construction - FY23:</b> This authorizes funding for the Systems Engineer Consultant to provide Design Services During Construction (DSDC) support for the Crenshaw Project through Fiscal Year 2023. Various rail systems disciplines, as specified in the Scope of Work, may be utilized to review submittals, project schedules, system oversight, and punchlist items.	5	Between \$500K and less than \$1M
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

None			
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**REGIONAL CONNECTOR**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 – August 31, 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. C0980 - REGIONAL CONNECTOR CONSTRUCTORS**

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
C0980-MOD-237	<b>Increased Provisional Sum for Spare Parts and Test Equipment:</b> Increased additional funding to spare parts and test equipment provisional sum.	5	NA	8/15/2022	NA	\$500,000
C0980-MOD-239	<b>Add 'I AT&amp;T Ductbank Installations at 2nd Street - Construction:</b> Extend the working limits and construction of additional AT&T ductbanks beyond the limits of the 2nd and Broadway station excavation and into Broadway and Spring Streets due to conflicting underground utilities and the poor condition of the existing AT&T termination vaults.	3	8/4/2022	8/17/2022	\$5,349,197	\$4,150,000
C0980-CO-0047.1	<b>New Radio kVA UPS and Backup Power: Construct battery backup power systems at the 7th Metro station to support the full radio system operation. Funded from Project 861228.</b>	5	NA	8/30/2022	NA	\$500,000

**B. PROFESSIONAL SERVICES CONTRACTS**

E0119-MOD-0035	<b>CPJV - FY23 Funding for Design Support During Construction:</b> Continuation of engineering services support during construction.	5	6/9/2022	7/1/2022	\$2,347,868	\$2,347,868
MC070-MOD-00026	<b>Arcadis - FY23 Funding for Construction Management Support Services:</b> Provide funding for staff augmentation to assist Metro with the management of the final design, construction, and closeout of the Project.	5	6/28/2022	7/6/2022	\$4,900,660	\$4,900,660
E0128-TO-022-MOD-006	<b>Scotians - FY23 Systems Engineering Support:</b> Continuation to provide systems design services during construction activities in support of the Project; staff professionals with experience in Rail Systems, Rail Systems Infrastructure, Systems Integration, and Operations.	5	6/22/2022	7/1/2022	\$540,289	\$540,289

**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

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**D. OTHER AGREEMENTS**

F104-860228-AW-2300	<b>FY23 City of Los Angeles (COLA) Annual Work Plan:</b> COLA provide support services to the Project.	2	NA	6/28/2022	\$3,456,694	\$3,456,694
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2022 – August 31, 2022)**

**A) DESIGN BUILD CONTRACT - CONTRACT NO. C0980 - REGIONAL CONNECTOR CONSTRUCTORS**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
C0980-CN-00317	<b>Add 'I Roadway Pavement Restorations - Construction:</b> Construct additional asphalt grind & overlay and concrete pavements along the project corridor.	5	Between \$500K and less than \$1M

**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 1**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 – August 31, 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 <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
MOD-159	<b>Track Level Access Openings and Mitigations at Wilshire/Western, Wilshire/La Brea, and Wilshire/La Cienega Stations (CN-00220):</b> Due to impacts associated with the Wilshire/San Vicente anomaly, the overall project schedule was delayed. The primary purpose for constructing these track level access openings is to provide the Project with improved construction site logistics. This includes the efficient and safe movement of personnel, materials and equipment within the construction area while the Project is being built. These construction openings are necessary to mitigate schedule risks and reduce the dependency from (the soon to be closed) Division 20 Yard access.	3	6/9/2022	6/30/2022	\$7,147,417	\$5,487,903
MOD-161	<b>ROC Equipment/Cards and provisioning services (Design and Construction) (CN-00146.1):</b> This change allows the contractor to provide all the provisioning services required for the WPLE1 Project to interface with the Metro Rail Operations Center (ROC). At Metro's (Engineering & Operations) request, the WPLE1 Project transferred this scope of work to the contractor.	5	5/13/2022	6/13/2022	\$576,677	\$519,526
MOD-163.1	<b>City of Beverly Hills (COBH) Fiber Optic Restoration (CN-00171.2):</b> The approved Wilshire/La Cienega Traffic Signal Restoration Plans did not incorporate complete restoration of the COBH Fiber Optic System from Wilshire/La Cienega to the Wilshire Tower.	2	8/10/2022	8/30/2022	\$1,334,470	\$1,108,495
CO-10.1	<b>Funding for Claim 2/RFC-13 – Reach 2 Gas Events Dispute:</b> Executive business decision to provide funding for Claim 2/RFC13 Reach 2 Gas Events Dispute until it is resolved. This change order has been issued with a reservation of rights.	3	7/11/2022	6/30/2022	N/A	\$17,600,000
CO-11	<b>Reach 3 TBM Inefficiency from M13 Zone to Safe Haven Stop East of the Wilshire/San Vicente Grout Block (CN-00175):</b> This change compensates the contractor for the recognized inefficiency of the TBM mining operation in this identified stretch of the alignment. The TBM slowdown was intended to keep the TBM's moving and crews working while the grout block at the Wilshire/San Vicente intersection was being installed. This change also minimizes the TBM standby time while it approached the chemical grout block from the east.	3	6/7/2022	6/6/2022	N/A	\$3,529,664
CO-12	<b>Installation of SOE for LADWP Equipment Access Hatch (CN-00222):</b> Preliminary Design Contract drawings and Los Angeles Department of Power (LADWP) prior approval indicated an LADWP equipment hatch buried five feet under the roadway. During the final approval process, LADWP management indicated that a permanent engineered emergency hatch direct to the road surface would be required. This change allows the contractor to design and construct a temporary access hatch during the Wilshire/La Brea Station backfill operation. This will also minimize the impact/effort to install the permanent hatch at a later date.	2	6/6/2022	6/1/2022	N/A	\$500,000

**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**

WPLE1 – Continuation of Program Control Support Services through FY23	6/2/2022	6/8/2022	6/8/2022	\$600,546.61	\$600,547
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2022 – August 31, 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-00067.1	<u>Tactile Guidance (Construction and Plaza Material Change)</u> : 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	Between \$500K and less than \$1M
CN-00190	<u>COBH - Fiber Optic Restoration (Betterment)</u> : The approved Wilshire/La Cienega Traffic Signal Restoration Plans did not incorporate complete restoration of the COBH Fiber Optic System from Wilshire/La Cienega to the Wilshire Tower. This portion of the fiber optic restoration is a betterment.	1	Between \$500K and less than \$1M

**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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**WESTSIDE PURPLE LINE SECTION 2**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 – August 31, 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 <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
MOD-00159	<b>Type X Tunnel Lighting Fixture Substitution (RFC – 00148)</b> ; This Change (design and construction) substituted tunnel lighting fixture "Type X" on Metro Rail Electrical Standard drawing ES-106 with an approved equal that meets the performance criteria provided in ES-106. The Lighting Fixture shown on Metro Rail Electrical Standard drawing ES-106 is no longer being manufactured by Go Green Solutions.	5	7/22/2022	8/9/2022	\$814,738	\$813,139
CO-00034.2	<b>CCCS Storm Drain and Sanitary Sewer Relocation (Construction of MOD 70)</b> ; This Change Order (CO) Revision increases the Not-to-Exceed (NTE) value by \$10,064,000 from \$7,936,000 previously authorized, to a total of NTE of \$18,000,000. It covers the construction of the sanitary sewer and storm drain relocation resulting from the West Ancillary and OPE reconfiguration described in CN-00047.1. The Change Order revision was necessary to keep the Work moving while negotiations for a bilateral Mod continue.	5	--	7/7/2022	--	\$10,064,000
CO-00046	<b>Late ROW Availability of Parcel ID W-3801 (RFC-0086) (Unilateral)</b> ; This change compensates the contractor for construction impacts due to delayed availability of Parcel ID W-3801 which was to occur on or before November 7, 2019 in accordance with SP-16, Site Access Dates, Appendix B Right of Way (ROW) Availability Schedule. This Unilateral Change Order No. 00046 cancels and supersedes the Draft Unexecuted Contract Modification 00157, which the Contractor would not sign. This Change Order is issued at the negotiated lump sum price which was agreed upon with the Contractor.	5	--	8/30/2022	--	\$544,463
CO-00049	<b>CCCS Joint Trench Size Discrepancies (DSC-072) (Unilateral)</b> ; This change reimburses the Contractor for additional costs to expose, hang and support the joint trench where the dimensions exceed the typical dimensions depicted in utility as-built drawings, and where the joint trench exceeds the contractual design flexibility of 25% for utility support systems. It also reimburses the Contractor for inefficiencies to the CCCS excavation work resulting from the additional support installation. This Unilateral Change Order No. 00049 cancels and supersedes the Unexecuted Contract Modification 00153, which the Contractor would not sign. This Change Order was issued at the negotiated lump sum price which was agreed upon with the Contractor.	5	--	8/30/2022	--	\$2,705,270

**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 (June 1, 2022 – August 31, 2022)**

**A) DESIGN BUILD CONTRACT - CONTRACT NO. C1120**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN-00198	Elevator Hoistway Framing Steel Upsizing (Construction Only) RFC 150.1: This Change will compensate the Contractor for the increase in construction costs for the elevator hoistway framing steel for Wilshire/Rodeo Station and Century City Constellation Station, due to larger steel members being required by the Final Design compared to what could have been expected based on the Contract Documents (refer to Metro Rail Standard Drawings AS-010, -011, and -012).	5	Between \$500K and less than \$1M

**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 3**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 – August 31, 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 <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

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

MOD-070	VA Sta - Water Supply Loop System @ Wilshire/Federal (Design) - The existing LADWP water supply at Federal Blvd and Wilshire Blvd currently consists of two separated single water lines that are not connected, and using this for Metro's Westwood/VA station without modification would only provide water supply from one water main line. Metro's criteria MRDC Section 8.2.5.1 and FLS MRDC Criteria 2.6.3.2 requires domestic water supply to stations to be from two public utility mains; this then allows if one of the water mains is out of service, then water from the second main will still provide water to Metro's station. This change adds a "loop" to connect the two water lines, which then provides the required two sources of water for Metro's Westwood/VA station. 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 connects with the loop needs to be upsized from 6" to 8" diameter pipes to provide sufficient water pressure to Metro's station.	5	5/19/2022	6/2/2022	\$1,131,680	\$772,697
CO-015.5	<b>UCLA SE Sta Entrance - 10900 Bldg Interface (Design Only) - Unilateral</b> - Post contract award, the owner of 10900 Wilshire Blvd, Tishman Speyer, required revisions to the C1152 base Contract work at the Westwood/UCLA southeast station entrance area and work that ties into their property. <b>LADWP provided the Customer Station Design Ventilation Requirements Part H document after Change Order CO-00001, which requires additional revisions to the LADWP ventilation design that is located at 10900 Wilshire Blvd in the Metro station plaza area. These revisions have been agreed upon by the property owner and LADWP.</b>	2	7/20/2022	7/29/2022	\$933,989	\$789,033
CO-080.2	UCLA Sta - Ground Improvement - During Final Design of PLE3 (Purple Line Extension 3), it was identified that foundation excavation for adjacent Wilshire Gayley building is planned to take place concurrently with the Westwood/UCLA station excavation. The strip of soil that is approximately 9ft wide separating the two excavations need to be strengthened (ground improvement) for improving soil stability during excavations.	5	7/22/2022	8/3/2022	N/A	\$3,500,000

**B. PROFESSIONAL SERVICES CONTRACTS**

AE35279-017-MOD-00008	PMSS - WPLE 3 services through FY23 - Continuation of Program Management Support Services (PMSS) through FY23. PMSS staff support augments existing PLE 3 Project Management to support the project needs for Estimating and Configuration Management.	5	6/8/2022	6/13/2022	\$1,130,109	\$1,130,500
PS43502000-MOD-00079	WSP Engineering Support for Adjacent Construction of Wilshire Gayley Development - The Wilshire Gayley development is adjacent to the Westwood/UCLA Station. This change is required to provide engineering support services for Metro to coordinate design and construction work of the UCLA station with the WG development.	5	7/14/2022	7/18/2022	\$696,110	\$696,110

**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None					
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2022 – August 31, 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**

CO-035.2	<p>VA Steam Tunnel Size Increase and Redundancy – VA Sta - CONSTRUCTION ONLY</p> <p><i>The base Contract requires relocation of the existing 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.</i></p>	2	Between \$5M and \$10M
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**B) PROFESSIONAL SERVICES CONTRACTS**

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

MC073-MOD-00019.1	<p>Extension of Construction Management Support Services Through Fiscal Year 2023</p> <p><i>Continuation of funding for services (through FY23) within the Contract base scope of work.</i></p>	5	More than \$15M
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**DIVISION 20 PORTAL WIDENING TURNBACK**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 – August 31, 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. C1136 - TUTOR PERINI CORPORATION**

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 5.02(MOD#30)	<b>Differing Site Conditions at 1st Street Viaduct:</b> This UCO covers MOD#30. The Contractor refused to sign the MOD, wanting Metro to include subcontractor bond costs. Work entails removal of existing street car track in the limits of the Viaduct modification and providing a taper between the newly paved and unpaved lanes on the bridge deck.	3	7/6/2022	7/26/2022		\$1,074,799
CO 23.1(MOD#32)	<b>Additional Third Rail-TailTracks TL1 and TL2:</b> This UCO covers MOD#32. The contractor refused to sign the MOD, wanting Metro to include subcontractor bond costs. Work consists of contact rail, track and train control work on existing tracks TL-1 and TL-2; removal of existing yard sign; install one new bumping post; relocate existing signal.	3	7/6/2022	7/25/2022		\$524,062

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

None						
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**B. PROFESSIONAL SERVICES CONTRACTS - CONTRACT NO. AE66758000 - T.Y.LIN INTERNATIONAL**

None						
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**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS - CONTRACT NO. MC074 ANSER ADVISORY MANAGEMENT LLC**

MOD#008	Continuation of CMSS Services which entails management; coordination; professional services; labor; equipment; materials alongside highly skilled CMSS support staff.				\$15,417,744	\$14,571,872
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2022 – August 31, 2022)**

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

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
25.1(CO)	34.5KV Temporary Trainway Feeder: This UCO covers MOD#41. The contractor refused to sign the MOD, wanting Metro to include subcontractor bond costs. Contractor to install temporary trainway feeder from existing manhole AHH10 along the east wall of the tunnel portal to the existing splice at the beginning of the eastern bored tunnel.	6	Between \$500K and less than \$1M
39 (MOD)	Schedule B: Contractor shall perform soil excavation; provide an additional technician (Communication; Train Control; Traction Power; Radio, electrician) & engage in the treatment & disposal of groundwater above base contract levels.	5	Between \$500K and less than \$1M
70.1(CO)	Alternate Train or Delivery Pathway Amendment: Revisions to the main shop parking lot civil work; train signals and track changes in order to accommodate the temporary train delivery route from Sante Fe Avenue.	5	Between \$500K and less than \$1M

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

None			
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**B) PROFESSIONAL SERVICES CONTRACTS - CONTRACT NO. AE66758000 - T.Y.LIN INTERNATIONAL**

None			
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS - CONTRACT NO. MCO74 ANSER ADVISORY MANAGEMENT LLC**

None			
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**AIRPORT METRO CONNECTOR**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 – August 31, 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. 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 BUILD CONTRACT - CONTRACT NO. C1197 - Tutor**

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
Tutor - C1197 Mod 9	Bulletin 16 - Light Rail Train (LRT) Fence Updates  Contractor shall implement Architect's "Bulletin 16" to incorporate updates to the Light Rail Transit (LRT) Stainless-Steel (SS) fencing. Scope of Work includes: -Reduced LRT fence post width -Reduced SS picket thickness -Revised horizontal support assembly -Added mulch surface finish -Revised LRT SS fence post embedment depth -Revised LRT fence post footing connection	5	7/18/2022	8/22/2022	2,858,617	2,319,894

**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 (June 1, 2022 – August 31, 2022)**

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

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

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

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

**B) PROFESSIONAL SERVICES CONTRACTS - DSDC Gruen**

Cubic - CN 274 Mod TBD	AMC Fare Equipment: Scope of Work items including E2 Fare Gates, Spares, Integration, and Installation of all equipment.	5	Between \$1M and \$5M
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

None			
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**METRO BLUE LINE RESIGNALING**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 – August 31, 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. C1081 - Metro Blue Line Resignalling - Mass Electric**

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 BUILD CONTRACT - CONTRACT NO. C1086 - Metro Blue Line Ped Gates - Icon West**

Mod 50 (CN 57)	Comprehensive Settlement of Open Change Orders, including C1086-CO-00009 for Additional Work within City of LA					
(Final Negotiated Price for Work Started under CO 9)	C1086 Mod 50 constitutes a mutual full accord and satisfaction to resolve and settle all open Change Notice(s), Change Orders, and Requests for Change, NOICs and Claims (actual or potential, known or unknown), including from any and all Subcontractors, and any and all impacts to Contract Time.					
(1086 Icon West paid using Project 205108 not 205104)	The Contractor is responsible for providing labor, material, and equipment to address the outstanding items required to be completed before obtaining City sign off. These items include, but are not limited to the following: - Removal and replacement of existing pole foundations - Adjustment of street light poles to grade - Relocation of existing pull boxes - Preparation of street lighting plans to the City of Los Angeles Bureau of Street Lighting (LABSL) for review and approval - Coordination of traffic signal equipment removal and reinstallation with the City of Los Angeles Department of Transportation (LADOT)  Work will be paid using Project 210108 not 205104.	5	8/2/2022	8/10/2022	919,566	919,566

**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 (June 1, 2022 – August 31, 2022)**

<b>A) DESIGN BUILD CONTRACT - CONTRACT NO. C1081 - Metro Blue Line Resignalling - Mass Electric</b>			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		
<b>A. DESIGN BUILD CONTRACT - CONTRACT NO. Contract C1086 - Metro Blue Line Ped Gates - Icon West</b>			
	None		
<b>B) PROFESSIONAL SERVICES CONTRACTS</b>			
	None		
<b>C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS</b>			
	None		

**RAIL TO RAIL**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 – August 31, 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. 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
CO 1 - CN n/a	<p><b>CO 1, the CO 1.1, now CO 1.2: Soil Remediation West of Inskip Avenue</b></p> <p>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 Inskip Ave and 11th Ave</p> <p>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.</p>	5	04/28/22	5/4/2022	\$6,000,000	Previously reported as \$3,500,000 Now \$6,369,900 ROM

**B. PROFESSIONAL SERVICES CONTRACTS**

Ramos - Task Order 2 Mod 1	<p><b>Construction Management Support Services (CMS) for Rail to Rail</b></p> <p>Task Order 2 is to staff the field office with Resident Engineer (RE), Assistant RE, Office Engineers, and other staff. Metro executed Mod 1 to fund Task Order 2 through the end of the construction contract C1166.</p>	5	7/27/2022	8/3/2022	\$5,007,489	\$4,716,951
HDR AE59600 TO 18	<p><b>Design Support During Construction</b></p> <p>HDR TO 18 under Contract AE59600 is to provide design support during construction for the duration of construction contract C1166.</p>	5	8/3/2022	8/15/2022	\$1,271,665	\$1,271,665

**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None					
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2022 – August 31, 2022)**

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

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

**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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## SYSTEMWIDE SIGNAGE

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 – August 31, 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.

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
C980 - CO 48 Mod TBD	Regional Connector Punch Out Work -- signage portion:  Change Order 48 cancels and supersedes Unexecute C980 Mod 236.1 (CN 305.1)	5	8/17/2022	8/31/2022	\$6,826,889	\$5,913,433

#### 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 (June 1, 2022 – August 31, 2022)**

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

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

**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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**I-5 North County Enhancements Project**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2022 - August 31, 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. C70396C1205 - OHL USA, INC.**

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**

CONTRACT NO. AE469080015383 - JACOBS ENGINEERING						
	None					
CONTRACT NO. AE51181EN084 - BURNS & McDONNELL						
	None					
CONTRACT NO. AE30673002 - PARSONS TRANSPORTATION						
	None					
CONTRACT NO. PS58665013TO11 - ARCADIS						
	None					
CONTRACT NO. AE35279008CWO005 - KKCS/TRIUNITY JOINT VENTURE						
	None					
CONTRACT NO. PS73323000 - PRECISION MATERIAL MANAGEMENT, LLC						
	None					
CONTRACT NO. EN66937000-026 - KLEINFELDER, INC.						
	None					
CONTRACT NO. PS20111-078 - ICF JONES & STOKES, INC.						
MOD 1	Regulatory permitting required on Project limits and environmental commitment compliance	4	8/18/2022	8/31/2022	\$849,685	\$849,685

**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS - CONTRACT NO. PS67828000 - HILL INTERNATIONAL**

	None					
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2022 - August 31, 2022)**

**A) DESIGN BID BUILD CONTRACT - CONTRACT NO. C70396C1205 - OHL USA, INC.**

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

**B. PROFESSIONAL SERVICES CONTRACTS**

<b>CONTRACT NO. AE469080015383 - JACOBS ENGINEERING</b>			
None			
<b>CONTRACT NO. AE51181EN084 - BURNS &amp; McDONNELL</b>			
None			
<b>CONTRACT NO. AE30673002 - PARSONS TRANSPORTATION</b>			
None			
<b>CONTRACT NO. PS58665013TO11 - ARCADIS</b>			
None			
<b>CONTRACT NO. AE35279008CWO005 - KKCS/TRIUNITY JOINT VENTURE</b>			
None			
<b>CONTRACT NO. PS73323000 - PRECISION MATERIAL MANAGEMENT, LLC</b>			
None			
<b>CONTRACT NO. EN66937000-026 - KLEINFELDER, INC.</b>			
None			
<b>CONTRACT NO. PS20111-078 - ICF JONES &amp; STOKES, INC.</b>			
None			

**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS - CONTRACT NO. PS67828000 - HILL INTERNATIONAL**

None			
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**Attachment B - OIG Spot Check CEO Delegated Authority Delays Avoided**

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