



Board Report

File #: 2022-0159, **File Type:** Informational Report

Agenda Number: 37.

**CONSTRUCTION COMMITTEE
APRIL 21, 2022**

SUBJECT: PROGRAM MANAGEMENT QUARTERLY CHANGE REPORT

ACTION: RECEIVE AND FILE

RECOMMENDATION

RECEIVE AND FILE status report on Program Management Quarterly Change Report.

BACKGROUND

In January 2017, the MTA 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 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 1,992 concurrent workdays or concurrent 7.6 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 December 1, 2021, and February 28, 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
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
Willowbrook/Rosa Parks	Equity - 100% of the project is within or adjacent to Equity Focus Communities
Soundwall Package 11	Equity - 25% of the project is within or adjacent to Equity Focus Communities
Metro Center Project (ESOC)	Equity - This project is not located within or adjacent to Equity Focus Communities
Rail to Rail	Equity - 90% 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

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 March 1, 2022, through May 31, 2022 and will be presented to the July 2022 Construction Committee.

ATTACHMENTS

Attachment A - Quarterly Change Orders Log for Reporting Period of December 1, 2021
- February 28, 2022]


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

Prepared by:

- **Crenshaw/LAX** - Sameh Ghaly, Sr. EO Project Mgmt., (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** - Rick Meade, Sr. EO Project Mgmt., (213) 922-7917
- **Airport Metro Connector** - Tim Lindholm, Sr. EO Project Mgmt.,
(213) 922-7297
- **Soundwall Package 11** - Tim Lindholm, Sr. EO Project Mgmt.,
(213) 922-7297
- **Metro Center** - Jeanet Owens, Sr. EO Project Mgmt., (213) 418-3189
- **Willowbrooks/Rosa Parks Improvement** - Tim Lindholm, Sr. EO Project Mgmt.,
(213) 922-7297
- **Rail to Rail** - Tim Lindholm, Sr. EO Project Mgmt., (213) 922-7297
- **Systemwide Signage** - Tim Lindholm, Sr. EO Project Mgmt., (213) 922-7297
- **I-5 North Country Enhancements** - Tim Lindholm, Sr. EO Project Mgmt.,
(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 TRANSIT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 - February 28, 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 <small>(if the change is a unilateral, explain in BOLD fonts that is why this is unilateral and a modification will follow upon negotiation is finalized between Contractor and Metro).</small>	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

B) PROFESSIONAL SERVICES CONTRACTS

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

	None					
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II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 - February 28, 2022)**A) DESIGN BUILD CONTRACT - Contract No. C0988 - WALSH SHEA CORRIDOR CONSTRUCTORS**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
MOD-00551	Landscape Changes - Park Mesa: Construct curb and gutter for landscape medians along Crenshaw Blvd, procure and install landscaped median shrub/ground cover, median irrigation, and landscape planting and irrigation maintenance	5	Between \$1M and \$5M
MOD-00555	Laser-cut Art Fence at Aviation/Century Station (RFC 380.2): The DB shall incorporate into the design and provide all labor, material, and equipment required to install 540 LF of laser cut art fence in-lieu of contract required fencing at Aviation/Century Station. It shall be installed along the outside edges of both the northbound and southbound tracks at the Aviation/Century aerial structure.	5	Between \$500K and less than \$1M

B) PROFESSIONAL SERVICES CONTRACTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
PSS8665-TO-009-MOD-00007	Arcadis Construction Claims Support Services - Additoinal funding to Support for Claims and Potential Litigation for the C/LAX through June 30, 2022	5	Between \$1M and \$5M

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACT - Contract MC069 - STANTEC CONSULTING, INC.

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

CRENSHAW/LAX CLOSE OUT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 - February 28, 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 - VENDOR TBD

MOD/CHANGE #	DESCRIPTION <small>(if the change is a unilateral, explain in BOLD fonts that is why this is unilateral and a modification will follow upon negotiation is finalized between Contractor and Metro).</small>	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

B) PROFESSIONAL SERVICES CONTRACTS

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
PS20655-075	CLAX Union Equity Building Demolition: TRC and subcontractors performing regulated materials abatement and demolition activities at the CLAX Union Equity Buildings in Inglewood in support of the CLAX Station. TRC will provide project management, site specific safety plan, Storm Water Pollution Prevention Plan (SWPPP), and TRC is responsible for City permits.	4	12/22/2021	2/8/2022	\$3,245,251.66	\$3,223,016

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 - February 28, 2022)

A) DESIGN BUILD CONTRACT - Contract No. C1217 - VENDOR TBD			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

B) PROFESSIONAL SERVICES CONTRACTS			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACT - Contract MC069 - STANTEC CONSULTING, INC.			
MOD/CHANGE #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

REGIONAL CONNECTOR TRANSIT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 - February 28, 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	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
C0980-MOD-230	Alameda Emergency Exit Stairway	5	1/6/2022	2/17/2022	\$2,818,207	\$2,199,000
C0980-MOD-232	Add '1 LADWP Switch Room Requirements for 1st and Central and 2nd Hope	5	1/28/2022	2/24/2022	\$554,064	\$506,607

B. PROFESSIONAL SERVICES CONTRACT

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

C. OTHER AGREEMENTS

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K

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

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

B) PROFESSIONAL SERVICES CONTRACTS

Design Support Services During Construction

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

D. OTHER AGREEMENTS

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

WESTSIDE PURPLE LINE SECTION 1

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2022 – February 28, 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
MOD 144	Constructing Wilshire/La Cienega Station During Mining (CN-00157.1): Both TBMs have experienced delays to tunnel mining while progressing through the Reach 2 (Wilshire/La Brea to Wilshire/Fairfax) and Reach 3 (Wilshire/Fairfax to Wilshire/La Cienega) tunnels. This change removed the dependency between the TBM arrivals at Wilshire/La Cienega Station and the continued Wilshire/La Cienega Station construction. This allowed Wilshire/La Cienega Station to advance regardless of the tunnel delays that were and would be encountered.	3	11/5/2021	12/22/2021	\$22,704,930	\$15,879,565
MOD 146	Gale Yard Noise Barrier for Evening Work (CN-00210): This change allows the contractor to continue the Project's noise mitigation efforts within the Metro Gale Yard. These noise mitigation enhancements will assist the Project in maintaining the ability to continue construction operations around the clock.	2	1/10/2022	1/31/2022	\$1,143,067	\$859,677
MOD 147	Vapor Extraction Street Restoration (CN-00180.1): This change is the final part of the program to mitigate potential gas migration during Reach 3 tunneling. Since tunneling is complete, the areas where equipment was temporarily located needs to be restored to its pre-existing condition. This modification will complete all street restoration in this area.	7	1/13/2022	2/1/2022	\$1,253,078	\$1,087,452
MOD 149	Wilshire/La Cienega - SCE Line to Remain at Hamilton Drive (CN-00109.1): This change allows the contractor to redesign and relocate the support-of-excavation (SOE) pipe struts to avoid an existing duct bank that was initially thought to be abandoned. This scope of work includes construction of the station while the duct bank remains in service.	5	1/21/2022	2/1/2022	\$1,078,676	\$1,078,676

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, 2021 – February 28, 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 - 00215	<u>Equipment Access Hatch for LADWP and SCE – Construction of Temp and Perm Condition</u> : This change allows the contractor to accommodate the LADWP/SCE request raise the equipment access hatches at all three stations to grade. These equipment access hatches are currently designed to be installed below the street surface.	2	Between \$1M - \$5M

A) 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 (December 1, 2021 – February 28, 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 - 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
MOD-134	Design Provisions for Wilshire/Rodeo Station North Secondary Entrance: In order to make provision for a future secondary entrance on Beverly Drive at the Wilshire/Rodeo Station, this Modification includes the design to add a walkway extending from the northwest corner of the existing concourse to a new knock out panel at the northwest corner of the station platform module and the associated adjustments to ancillary items. Also includes: evaluation for removing the Emergency Exit Stair No. 2 from the design; and its removal from the design if the added walkway provides the required emergency egress. This scope of work is required to accommodate the approved and executed Settlement Agreement between Metro and City of Beverly Hills which was authorized by the Metro Board on November 10, 2020.	5	1/18/2022	2/28/2022	\$1,081,155	\$1,000,000

B. PROFESSIONAL SERVICES CONTRACT						
MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 – February 28, 2021)

A) DESIGN BUILD CONTRACT - C1120

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN-00151 (CO-00047)	WRS Procurement and Installation of Additional Reinforcement for Cantilevered Walkway at North Secondary Entrance (Ref: MOD-134): In order to make provision for a future Secondary Entrance on Beverly Drive at the Wilshire / Rodeo Station (WRS), this change notice includes the procurement and installation of additional rebar, form savers, block-outs and waterproofing materials necessary for the construction of a walkway extending from the northwest corner of the existing Concourse to a new knock out panel at the northwest corner of the Station Platform Module. This scope of work is required to accommodate the approved and executed Settlement Agreement between Metro and City of Beverly Hills.	5	Between \$500K and less than \$1M
CN-00167	CCCS Excavation Impacts Due to Webcor Sewer Lateral (RFC 00138): During Century City Constellation Station (CCCS) excavation, TPOG uncovered an unknown pipe at the west side of the station. Upon further field investigation it was determined that the sewer lateral was designed and installed by another party after the C1120 contract was awarded. This change notice is to compensate TPOG for costs associated with the impacts to the CCCS station excavation rate due to the need to work around the unforeseen sewer lateral.	5	Between \$500K and less than \$1M
CN-00169	Revised TCPs for Century Plaza Hotel Continued Driveway Access (Constellation west of AOS): This change notice is to compensate the contractor for construction impacts to SOE due to the design changes to decrease the size of access deck opening located on Constellation Blvd, west of Avenue of the Stars, as well as from the revisions to the Stage 7 Traffic Control Plans in order to provide continuous traffic access to The Century Plaza Hotel Retail and Ballroom driveways, in accordance with the project's Final Environmental Impact Statement and Environmental Impact Report (FEIS/FEIR). At the time of Contract Award and during the preparation of the FEIS/FEIR, it was unknown that the recently remodeled hotel would use their eastern driveway as the main access to their Ballroom; it was also unknown that the existing west driveway would become a future entrance to a newly built underground parking garage that would serve new residential towers and retail areas.	5	Between \$1M and \$5M

B) PROFESSIONAL SERVICES CONTRACTS

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

D) OTHER AGREEMENTS

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

WESTSIDE PURPLE LINE SECTION 3

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 – February 28, 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 - C1151

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					

A. DESIGN BUILD CONTRACT - C1152

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					

A. DESIGN BUILD CONTRACT - C1153

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
	Contract Closed					

B. PROFESSIONAL SERVICES CONTRACTS

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
PS54007-TO-008-MOD-00002	PQM - Metro Quality Management Consultant (QMC) General Program Development and Execution	5	12/6/2021	1/14/2022	\$764,401	\$764,401
PS58665-007-MOD-00003	Arcadis - Construction Claims Support Services	5	1/7/2022	2/1/2022	\$550,063	\$550,063
C1204-MOD-00002	Everpark Inc - Additional Valet Capacity at the Veterans Affairs (VA) Hospital	5	1/24/2022	2/1/2022	\$610,812	\$610,812

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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					

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 – February 28, 2021)**A) DESIGN BUILD CONTRACT - C1151**

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

A) DESIGN BUILD CONTRACT - C1152

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

A) DESIGN BUILD CONTRACT - C1153

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	Contract Closed		

B) PROFESSIONAL SERVICES CONTRACTS

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

DIVISION 20 PORTAL PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 – February 28, 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
27(MOD)	Safety and Security Fence along Metro/Amtrak Right of Way	7	2/4/2022	2/28/2022	\$ 649,088	\$ 575,173

A. DESIGN BID 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

	None					
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II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 – February 28, 2021)**A) DESIGN BID BUILD CONTRACT - CONTRACT NO. C1136 - TUTOR PERINI CORPORATION**

CN/CO/MOD #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
11.3(CO)	1st Street Viaduct - Crack and Spall Repair	3	Between \$500K and less than \$1M

A) DESIGN BID BUILD 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 (December 1, 2021 – February 28, 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

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

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
HPH - C1194 CO 2	South Pre-Cast Cisterns (Bulletin 1) Previously CN 1.2 CN4 was split into two scopes: Shoring for the pre-cast cisterns (Mod 2 issued September 2021) and then the actual outh pre-cast cisterns (CO 2)	5	12/11/2021	12/22/2021	n/a (CO)	\$3,873,490

A. DESIGN BID BUILD CONTRACT - C1194 - HPH and C1197 Tutor

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					
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C) THIRD PARTY AGREEMENTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Rough Order of Magnitude Cost
	None					

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 – February 28, 2021)**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

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
Tutor - C1197 CN 3	South Pre-Cast Cisterns (Bulletin 2) : Contractor shall procure and install all drainage system and components as specified in the Contract Documents. The Contractor shall submit shop drawings and layout drawings to Metro. Materials include but are not necessarily limited too: • Precast cistern modules • HDPE pipe & accessories	5	Between \$1M and \$5M

B) PROFESSIONAL SERVICES CONTRACTS - DSDC Gruen

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

D) THIRD PARTY AGREEMENTS

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

SOUNDWALL PACKAGE 11

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 - February 28, 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 - C1101 Soundwall Package 11 - Powell						
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) THIRD PARTY AGREEMENTS						
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Rough Order of Magnitude Cost
None						

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 - February 28, 2022)

A) DESIGN BUILD CONTRACT - Contract C1101 - Powell

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

B) PROFESSIONAL SERVICES CONTRACTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	Design Support During Construction		

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

D) THIRD PARTY AGREEMENTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
n/a	DWP work DWP has indicated that between 750,000 - 1,000,000 will be need to be added to a work order issued in 2016.	5	Between \$500K and less than \$1M

METRO CENTER PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 – February 28, 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 BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					
A. DESIGN BUILD CONTRACT - CONTRACT NO.						
	None					
B. PROFESSIONAL SERVICES CONTRACTS						
	None					
C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS						
	None					

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 – February 28, 2021)**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1169 - S.J. AMOROSO CONSTRUCTION CO., LLC.**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
C52151C1169-2-CN-00005.1	Update Network Equipment (LAN,WLAN,VOIP) to current Metro ITS Standards	Change Order	Between \$1M and \$5M
C52151C1169-2-CN-00015	Add Virtual Machine (VM) Environment	Change Order	Between \$500K and less than \$1M

B. DESIGN SUPPORT DURING CONSTRUCTION - CONTRACT NO.AE59600-TO-006 - HDR Engineering inc

	Provide Additional Design Support Services	MOD	Between \$500K and less than \$1M
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C. PROFESSIONAL SERVICES CONTRACTS

	None		
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D. CONSTRUCTION SUPPORT SERVICES CONTRACTS - CONTRACT NO. PS66100MC076001 - CENTER STREET MANAGEMENT PARTNERS, JV

MOD 5	Addition of Deputy Project Manager and Methane Barrier Inspection	MOD	Between \$500K and less than \$1M
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WILLOWBROOK/ROSA PARKS

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 - February 28, 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 - C1161 Willowbrook/Rosa Parks Improvements - Icon West

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) THIRD PARTY AGREEMENTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Rough Order of Magnitude Cost
	None					

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 - February 28, 2022)**A) DESIGN BUILD CONTRACT - Contract C1161 - Icon West**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN TBD	<u>Final Settlement including additional Insurance</u> Final settlement is being negotiated with Icon West to include items like deined RFCs,deductive change orders where final value was not agreed upon, and additional insurance because of the extension to the schedule.	5	Between \$500K and less than \$1M

B) PROFESSIONAL SERVICES CONTRACTS

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

d) THIRD PARTY AGREEMENTS

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

RAIL TO RAIL

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 - February 28, 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 - C1166 Rail to Rail (Griffith)

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
None						

B) PROFESSIONAL SERVICES CONTRACTS

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
Ramos - Task Order 2	Construction Management Support Services for Rail to Rail Task Order 2 is to staff the field office with Resident Engineer (RE), Assistant RE, Office Engineers, and other staff.	5	2/28/2022	TBD	\$761,021	\$761,021

C) THIRD PARTY AGREEMENTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Rough Order of Magnitude Cost
None						

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 - February 28, 2022)**A) DESIGN BUILD CONTRACT - Contract C1166 - Rail to Rail (Griffith)**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN TBD	Soil Remediation West of Inskip Avenue Soil was found to be "hazardous" not "contaminated" and contractor has to be reimbursed for the higher cost of disposing of such soil.	5	Between \$1M and \$5M

B) PROFESSIONAL SERVICES CONTRACTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
HDR - Task Order - TBD	Design Support During Construction (DSDC) With the award and NTP of R2R Contract C1166, DSDC will be necessary as HDR is the engineer of record and will be responsible for responding to Requests for Information (RFI) and providing other design support.	5	Between \$500K and less than \$1M

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

D) THIRD PARTY AGREEMENTS

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

SYSTEMWIDE SIGNAGE

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 - February 28, 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 -

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

HDR - Task Order 11 Mod 1	<p>Program Management for New Blue:</p> <p>Professional consulting services for the design of Metro E Line (Expo) and Metro L Line (Gold) signage that will be impacted by the opening of the Regional Connector Project (RCP), including but not limited to the following sign types: A4 (Destination Overhead), A6 (ADA Station Identification), A9 (Trackside Station Identity), and A17 (Station Identification). All design parameters, quantities, locations and messaging shall be based on the Phase 1 Audit & Survey work. This work will consist of the following tasks: Contract/Project Management, Design Parameters, Schematic Design, Design Development, Production Documents, Fabrication/Installation Support.</p>	5	10/26/2021	10/27/2021	\$753,561	\$753,561
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C) THIRD PARTY AGREEMENTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Rough Order of Magnitude Cost
None						

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 - February 28, 2022)

A) DESIGN BUILD CONTRACT - Contract C1161 - Icon West

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

B) PROFESSIONAL SERVICES CONTRACTS

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

D) THIRD PARTY AGREEMENTS

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

I-5 NORTH COUNTY ENHANCEMENTS PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2021 - February 28, 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 BOLD 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					

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

	None					
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II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2021 - February 28, 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

CONTRACT NO. AE469080015383 - JACOBS ENGINEERING			
MOD 16	Design Services During Construction and RIITS Change Order Plan and Quantity Revisions	5	Between \$1M and \$5M
CONTRACT NO. AE51181EN084 - BURNS & McDONNELL			
None			
CONTRACT NO. AE30673002 - PARSONS TRANSPORTATION			
None			
CONTRACT NO. PS58665013TO11 - ARCADIS			
None			
CONTRACT NO. AE35279008CW005 - KKCS/TRIUNITY JOINT VENTURE			
None			
CONTRACT NO. PS73323000 - PRECISION MATERIAL MANAGEMENT, LLC			
None			

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

None			
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Attachment B: IG 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	365	1.4
Purple Line Section 3	210	0.8
Division 20	32	0.1
Total Savings	1992	7.6