



Metro

Board Report

Los Angeles County
Metropolitan Transportation
Authority
One Gateway Plaza
3rd Floor Board Room
Los Angeles, CA

File #: 2023-0586, **File Type:** Informational Report

Agenda Number: 23.

CONSTRUCTION COMMITTEE OCTOBER 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 which are greater than \$500,000. Greater detail is provided in Attachment A - Quarterly Change Orders Log for Reporting Period of June 1, 2023 - August 31, 2023.

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 2,438 concurrent workdays or concurrent 9.4 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 June 1, 2023 - August 31, 2023 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 |
| Metro Center Project (ESOC) | 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, 2023 through November 30, 2023 and will be presented to the January 2024 Construction Committee.

ATTACHMENTS

Attachment A - Quarterly Change Orders Log for Reporting Period of June 1, 2023 - August 31, 2023

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

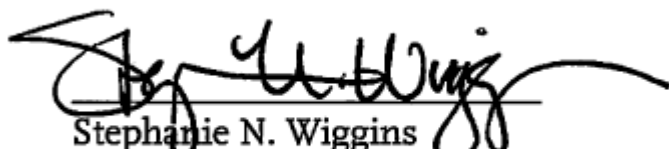
- **Crenshaw/LAX** - Sameh Ghaly, Deputy Chief Program Management Officer, (213) 418-3369
- **Westside Purple Line Ext 1** - James Cohen, Senior Executive Officer, Projects Engineering (Interim), (323) 900-2114
- **Westside Purple Line Ext 2** - Michael McKenna, Senior Executive Officer, Projects Engineering (Interim), (424) 551-4447
- **Westside Purple Line Ext 3** - Kimberly Ong, Senior Executive Officer, Projects Engineering

(Interim), (424) 551-4501

- **Division 20 Portal** - Albert Soliz, Deputy Executive Officer, Project Management, (213) 922-4002
- **Soundwall Package 10** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **Metro Center Project** - Albert Soliz, Deputy Executive Officer, Project Management, (213) 922-4002
- **Gold Line Foothill 2B** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **Metro G Line Improvements** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **1-105 Express Lanes** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **Report** - Julie Owen, Senior Executive Officer, Program Control, (213) 922-7313

Reviewed by:

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



Stephanie N. Wiggins
Chief Executive Officer

CRENSHAW/LAX TRANSIT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2023 - August 31, 2023)

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 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

| | | | | | | |
|----------------------|---|---|-----------|-----------|---|----------------|
| MC069-CWO16-MOD-0025 | Extend the period of performance through December 2023. The additional funds are for continued support the activities through the construction close out process. | 5 | 5/16/2023 | 6/30/2023 | \$838,944.89 \$1,123,356.38 | \$1,001,183.06 |
|----------------------|---|---|-----------|-----------|---|----------------|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2023 - August 31, 2023)

| | | | |
|--|-------------|-------------|-------------------------------|
| 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 | | | |
| | None | | |
| C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS | | | |
| | None | | |

CRENSHAW/LAX CLOSE OUT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2023 - August 31, 2023)

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

| | | | | | | |
|-----------------|--|---|----------|-----------|--------------|--------------|
| E0117-MOD-00057 | Vendor Mott MacDonald: FY23/24 Funding and Extend Period of Performance for C/LAX Catch All Support - Budget award for the design support services related to the scope of the K-Line Paving and Improvement Project. This contract is part of the catch-all portion Crenshaw/LAX to complete work that was deleted from the mainline project. | 5 | 03/06/23 | 6/14/2023 | \$731,377.29 | \$639,012.48 |
|-----------------|--|---|----------|-----------|--------------|--------------|

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | | | | |
|--------------------|---|---|----------|-----------|--------------|--------------|
| MC069-32-MOD-00003 | Metro requires Construction Management Support Services (CMSS) Consultant to provide a Resident Engineer, Assistant Resident Engineer, Inspector, and Document Control for construction support of the Crenshaw/LAX Catch-All Project | 5 | 5/5/2023 | 7/18/2023 | \$823,634.93 | \$823,634.93 |
|--------------------|---|---|----------|-----------|--------------|--------------|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2023 - August 31, 2023)

| | | | |
|--|-------------|-------------|-------------------------------|
| 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 | | | |
| None | | | |
| C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS | | | |
| None | | | |

WESTSIDE PURPLE LINE EXTENSION SECTION 1

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2023 - August 31, 2023)

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-34 | Cutterhead Removal Impacts due to Section 2: This change compensates the C1045 contractor for the standby time during the BL tunnel cutterhead removal. Due to safety reasons, the WPLE Section 1 cutterhead removal crew was placed on standby during the WPLE Section 2 TBM mining operation in the same area. | 5 | 6/27/2023 | 6/22/2023 | \$1,048,664 | \$945,269 |
| CO-36 | TBM Stand-by at Wilshire/Fairfax Station: This change compensates the contractor for TBM standby time during Reach 3 (Wilshire/Fairfax to Wilshire/La Cienega) soil vapor extraction. To mitigate potential gas migration during Reach 3 tunneling, Metro issued Contract Modification 95 for soil vapor extraction. Both TBMs were constructively held at Wilshire/Fairfax Station until the soil vapor extraction zone mitigation work was complete. | 3 | 6/30/2023 | 6/29/2023 | \$4,689,107 | \$4,689,107 |
| CO 12.1 | Construction Equipment Access Hatch Shaft Temporary Supports at SOE - ALL 3 STATIONS: Preliminary Design Contract drawings and Los Angeles Department of Power (LADWP) prior approval indicated an LADWP equipment hatch that would be completely waterproofed, sealed and buried five feet under the roadway and used only in case of emergencies. After reviewing the contract drawings for final approval prior to energization, LADWP management indicated that a permanent engineered emergency hatch direct to the road surface would be required. This change compensates the contractor for LADWP's new direction. | 2 | 7/10/2023 | 7/7/2023 | \$872,044 | \$837,299 |
| CO-38 | Tunnel Boring Machine (TBM) Storage and Double Handling: The base scope of work called for delivery of the TBMs to the Wilshire/La Brea Station Yard. The Wilshire/La Brea Yard was not ready to accept delivery of the TBMs due to ongoing Station excavation operations. The TBMs were shipped and stored at the contractor's Riverside Yard. This change compensates the contractor for the double handling of the TBM and its components. The initial TBM shipment was put on hold in Germany for over 4 months. This storage prior to shipment was not billed to the Project. | 3 | 8/3/2023 | 8/2/2023 | \$1,669,406 | \$1,072,668 |

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

| | | | | | | |
|------|--|--|--|--|--|--|
| None | | | | | | |
|------|--|--|--|--|--|--|

B. PROFESSIONAL SERVICES CONTRACTS

| | | | |
|-----------|--|---|-----------------|
| MOD-00085 | Westside Purple Line Extension Section 1 Project - Engineering Support Services During Construction and Other Tasks: to continue to provide engineering management support services through June 30, 2025. | 5 | \$12,075,538.00 |
|-----------|--|---|-----------------|

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | |
|----------|---|---|-----------------|
| MOD-0008 | To continue to provide construction management support services for an additional 24 months to June 30, 2025. | 5 | \$21,179,089.00 |
|----------|---|---|-----------------|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2023 - August 31, 2023)

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-00189 | <u>COBH Street Restoration, Bus Pad Reconstruction and Curb/Gutter Replacement</u> ; As required by the City of Beverly Hills (COBH) and agreed upon by Metro, Metro is to complete extensive street restoration in accordance with COBH standards as part of the Wilshire/ La Cienega Station construction (Not a betterment). | 2 | Between \$500K and less than \$1M |
| CO-13.2 | <u>San Vicente Anomaly Impacts</u> ; to compensate the Design-Builder for the cost and schedule impacts for the San Vicente Differing Site Condition discovered at the intersection of San Vicente Blvd. and Wilshire Blvd., also known as the San Vicente Anomaly (SVA). | 3 | More than \$15M |

A) CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP

| | | | |
|--|------|--|--|
| | None | | |
|--|------|--|--|

B) PROFESSIONAL SERVICES CONTRACTS

| | | | |
|--|------|--|--|
| | None | | |
|--|------|--|--|

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | |
|--|------|--|--|
| | None | | |
|--|------|--|--|

WESTSIDE PURPLE LINE EXTENSION SECTION 2

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2023 - August 31, 2023)

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 - Tutor Perini / O&G, 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-00055.3 | <u>MOA Impacts to Work Activities during 2022 Holiday Moratorium</u> : This Change Order (CO) revision increases the Not-to-Exceed (NTE) value from \$872,000 to a revised total NTE of \$1,357,000. This change is to compensate the Contractor for impacts to the Wilshire/Rodeo station construction activities from work restrictions imposed by the City of Beverly Hills (COBH) Memorandum of Agreement (MOA) from November 24, 2022 to January 1, 2023. The Change Order revision was necessary to keep the Work moving while negotiations for a bilateral Modification continue. | 2 | N/A | 8/15/2023 | N/A | \$1,357,000.00 |

B. PROFESSIONAL SERVICES CONTRACTS

| | | | | | | |
|------|--|--|--|--|--|--|
| None | | | | | | |
|------|--|--|--|--|--|--|

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | | | | |
|------|--|--|--|--|--|--|
| None | | | | | | |
|------|--|--|--|--|--|--|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2023 - August 31, 2023)

| | | | |
|--|-------------|-------------|-------------------------------|
| A. DESIGN BUILD CONTRACT - C1120 - Tutor Perini / O&G, A Joint Venture | | | |
| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
| None | | | |
| B) PROFESSIONAL SERVICES CONTRACTS | | | |
| None | | | |
| C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS | | | |
| None | | | |

WESTSIDE PURPLE LINE EXTENSION SECTION 3

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2023 - August 31, 2023)

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 (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-CO-00011 | Extension of Time and Resequencing of Contract Work - <i>Resequencing of C1151 construction work in accordance with approved PLE3 Integrated Schedule to mitigate the overall PLE3 project schedule.</i> | 5 | 7/10/2023 | 7/13/2023 | \$17,230,578 | \$4,000,000 |

A. DESIGN BUILD CONTRACT - C1152 (TPOG)

| | | | | | | |
|------------------|--|---|-----------|-----------|--------------|--------------|
| C1152-MOD-00100 | UCLA Sta and VA Hospital Sta - Embedded Non-Pressurized Pipe Material (Design/Build) - <i>Metro approved use of Class B (cast-iron) pipes, in lieu of Class H (PVC), for buried and embedded non-pressurized pipe because it is more durable and improve serviceability.</i> | 5 | 8/23/2023 | 8/31/2023 | \$1,175,587 | \$1,048,751 |
| C1152-CO-00035.3 | 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 | 6/12/2023 | 7/5/2023 | \$12,322,790 | \$11,585,029 |
| C1152-CO-00109 | Extension of Time - Substantial Completion Delay of Contract C1151 prevented the tunnel hand over and access to C1152 contractor from proceeding with critical path of project, which included support of excavation work at Westwood/VA station and Westwood/UCLA Station. | 5 | 7/3/2023 | 7/13/2023 | N/A | \$3,864,000 |
| C1152-CO-00110 | Acceleration and Resequencing of Contract Work - <i>Resequencing of Contract work is necessary to mitigate and recover the overall PLE3 project schedule due to impacts caused by C1151 contract and acceleration will mitigate delay due to the VA Steam Tunnel.</i> | 5 | 7/11/2023 | 7/20/2023 | N/A | \$6,000,000 |

B. PROFESSIONAL SERVICES CONTRACTS

| | | | | | | |
|-----------------------|--|---|-----------|----------|-----------|-----------|
| PS58665-007-MOD-00005 | 1 hO 1 # # o o 7 7 - <i>Continue PLE 3 Construction Claims Support Services through FY24.</i> | 5 | 5/30/2023 | 6/9/2023 | \$578,587 | \$548,570 |
|-----------------------|--|---|-----------|----------|-----------|-----------|

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | | | | |
|--|------|--|--|--|--|--|
| | None | | | | | |
|--|------|--|--|--|--|--|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2023 - August 31, 2023)

A. DESIGN BUILD CONTRACT - C1151 (FKTP)

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

A. DESIGN BUILD CONTRACT - C1152 (TPOG)

[illegible]

| | |
|------------------------------------|--|
| 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 (June 1, 2023 - August 31, 2023)

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.1136 (TUTOR PERINI CORP)

| 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-00082 | North Yard Contact Rail Jumper Conduit Stub Up Locations: Contractor to re-construct the contact rail conduit stub ups in the N. Yard up or down station in accordance | 5 | 4/26/2023 | 6/27/2023 | \$1,562,785.37 | \$1,370,847.00 |
| MOD-00086 | PBR Laydown Area: Labor, material, and equipment needed to verify parcels are suitable for storage. Fencing, swing gates for truck access, and maintenance is part of this modification. | 5 | 5/9/2023 | 6/27/2023 | \$2,191,005.64 | \$1,832,627.00 |
| MOD-00087 | Temporary Communications Cutovers - Telephone Cables: Contractor to purchase, install, test, and commission a temporary cutover as well as permanent copper cable | 5 | 5/9/2023 | 6/27/2023 | \$1,597,968.71 | \$1,270,993.00 |
| MOD-00088 | Various Communications Change Orders (CO-00022 Communication Pull Boxes and Yard Tower Room 279 UPS Layout - scope includes construction of pull boxes, hand holes, and conduit for the CCTV and Public Address systems per the provided drawings; CO-00037 Add Power Distribution Units to Communication Interface Cabinets - scope includes the installation of power distribution units per revised specifications; CO-00041 Room 303 Communications Equipment - this change provides cabinet locations and cabling connections layout) | 5 | 5/15/2023 | 6/14/2023 | \$2,017,460.64 | \$1,617,719.00 |
| MOD-00089 | Collected MOD - CO-00011.3 1st Street Viaduct - Crack and Spall Repair; CO-00028.1 1st Street Bridge - Crack and Spall Repairs Supplemental Work | 5 | 5/17/2023 | 6/14/2023 | \$3,328,206.72 | \$3,068,002.00 |
| CO-00178 | Running Rail Connections: Furnish and install cross bonds on the mainline and in the north/south storage yard as depicted in the drawings; Incorporate the yard and mainline negative return and cross bonding connections; Incorporate the running rail and impedance bond connections | 5 | 5/30/2023 | 6/26/2023 | \$937,218.41 | \$750,000.00 |
| MOD-00090 | Differing Site Conditions - Connections to Existing Ductbanks and Unknown Utilities: Contractor to make revisions to existing ductbanks to avoid unmarked existing or unknown utilities in the yard | 3 | 5/30/2023 | 7/11/2023 | \$2,640,684.16 | \$2,481,539.00 |
| MOD-00092 | Bumping Post Specification: Procurement of bumping posts for the project that meet the revised specifications for impact speed and train weight | 5 | 6/1/2023 | 7/10/2023 | \$654,996.90 | \$546,027.00 |
| MOD-00093 | Rebar for Contact Rail Encasement: Labor, equipment, and material necessary to install rebar within the contact rail ductbanks per the Typical Concrete Ductbank Reinforcement detail | 5 | 6/2/2023 | 7/11/2023 | \$1,756,579.42 | \$1,756,579.00 |
| MOD-00098 | Ductbank Between Manhole D4 and D7: Construct additional ductbanks and install an additional manhole in accordance with the drawings and specifications provided. | 5 | 7/5/2023 | 8/16/2023 | \$1,329,268.11 | \$1,034,100.00 |
| MOD-00099 | Installation of Disconnect Switches - East Union Station: Temporary disconnect switches in order to simplify power down and ground during construction for track work that will take place | 5 | 7/5/2023 | 8/16/2023 | \$2,205,301.25 | \$1,680,084.00 |
| CO-00234 | Room 279 UPS (Uninterruptible Power Supply) Configuration: Procure, install and test various equipment needed for Room 279. This includes air conditioning units, structural beams, panels, transformers, etc. | 5 | 7/26/2023 | 8/16/2023 | \$116,573.91 | \$894,000.00 |

A. DESIGN BUILD CONTRACT - CONTRACT NO. 1184 (C3M POWER SYSTEMS, LLC)

| | | | | | | |
|-----------|---|---|----------|-----------|----------------|----------------|
| MOD-00013 | TPSS and EBPS Building Structural Calculations (TIA 2): This MOD incorporates and resolves all time related impacts and adjusted costs. The equitable adjustment to contract price includes compensation for all subcontractors and suppliers for the interruption of schedules, extended overhead costs, and delays. | 5 | 12/27/22 | 6/14/2023 | \$2,414,408.00 | \$2,101,007.00 |
|-----------|---|---|----------|-----------|----------------|----------------|

B. PROFESSIONAL SERVICES CONTRACTS

| | | | | | | |
|--|------|--|--|--|--|--|
| | None | | | | | |
|--|------|--|--|--|--|--|

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | | | | |
|--|------|--|--|--|--|--|
| | None | | | | | |
|--|------|--|--|--|--|--|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2023 - August 31, 2023)**A. DESIGN BUILD CONTRACT - CONTRACT NO.1136 (TUTOR PERINI CORP)**

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|-----------------------|---|-------------|-----------------------------------|
| MOD-00108 | Portal Sump Pump Modifications: Contractor is authorized to purchase and install a specific sump pump in lieu of the alternative at the tunnel portal; Installation to occur in accordance with the provided revised drawings which includes additional conduits and electrical load changes; Contractor to provide flow meter with extra cable length to accommodate the distance between the panel and sensor | 5 | Between \$500K and less than \$1M |
| MOD-00109 | Lighting Various Civil and Electrical Changes: Modified and additional light poles and fixtures, duct bank locations, alignments and elevations | 5 | Between \$1M and \$5M |
| MOD-00115 | Reduce Third Rail Gap Lengths: Contractor shall provide additional contact rail as indicated along with additional consequential changes to roadway plans | 5 | Between \$1M and \$5M |

A. DESIGN BUILD CONTRACT - CONTRACT NO. 1184 (C3M POWER SYSTEMS, LLC)

| | | | |
|--|------|--|--|
| | None | | |
|--|------|--|--|

B) PROFESSIONAL SERVICES CONTRACTS

| | | | |
|---------|--|---|-----------------------|
| CWO-001 | PS89856000-CWO-001 PROGRAM CONTROL SUPPORT SERVICES (PCSS) FOR DIVISION 20 PWT PROJECT – FUNDING FOR FY2024 (KTJV) | 5 | Between \$1M and \$5M |
|---------|--|---|-----------------------|

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | |
|--|------|--|--|
| | None | | |
|--|------|--|--|

SOUNDWALL PACKAGE 10

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2023 - August 31, 2023)

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 - C1218 Soundwall Package 10 - C.A. RASMUSSEN, 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

| | | | | | | |
|--|------|--|--|--|--|--|
| | None | | | | | |
|--|------|--|--|--|--|--|

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | | | | |
|--|------|--|--|--|--|--|
| | None | | | | | |
|--|------|--|--|--|--|--|

D. THIRD PARTY AGREEMENTS

| | | | | | | |
|--|---|---|----------|-----------|---------|---------|
| TPAF816460323000 | CALTRANS Work Order and PO: TPAF816460323000 for Design Support During Construction | 5 | 8/9/2023 | 7/13/2023 | 500,000 | 500,000 |
| TPAF850460313000 Line 2 (460323) | CALTRANS - COZEPP Line 2 of TPAF850460313000 | 5 | 7/1/2023 | 7/20/2023 | 500,000 | 500,000 |

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2023 - August 31, 2023)

| | | | |
|---|-------------|-------------|-------------------------------|
| A. DESIGN BUILD CONTRACT - C1218 Soundwall Package 10 - C.A. RASMUSSEN, INC | | | |
| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
| | None | | |
| B) PROFESSIONAL SERVICES CONTRACTS | | | |
| | None | | |
| C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS | | | |
| | None | | |

METRO CENTER PROJECT

| I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2023 - August 31, 2023) | | | | | | | |
|--|--|--|-------------|-----------------|---------------|------------------------------|-----------------|
| 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. C77307C1210 | | | | | | | |
| 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 (June 1, 2023 - August 31, 2023)

A) DESIGN BUILD CONTRACT - CONTRACT NO. C52151C1169-2

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

B) PROFESSIONAL SERVICES CONTRACTS

| | | |
|------|--|--|
| None | | |
|------|--|--|

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | |
|---------------------------------------|---|---|-----------------------|
| 212121- PS66100MC076- MOD-00013 | Additional level of effort to continue Construction Support Services through May 2024 including to support the Commissioning of major electrical equipment (UPS, Generator, ATS). Per the Amoroso Design Build's construction schedule as of Mar 2023, project substantial completion date is extended to early Jan 2024, however, there is possibility that a few equipment will be delivered late which will need extended services from CSSC. Therefore, the additional level of effort required from CSSC services will be expected to May 2024. | 5 | Between \$1M and \$5M |
|---------------------------------------|---|---|-----------------------|

GOLD LINE FOOTHILL EXTENSION PHASE 2B PROJECT

| I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2023 - August 31, 2023) | | | | | | | |
|--|--|--|--|-------------|-----------------|---------------|------------------------------|
| 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 |
| | None | | | | | | |
| B. PROFESSIONAL SERVICES CONTRACTS | | | | | | | |
| | None | | | | | | |
| C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS | | | | | | | |
| | None | | | | | | |

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2023 - August 31, 2023)**A) DESIGN BUILD CONTRACT - CONTRACT NO.**

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|--------------------------|--|-------------|-------------------------------|
| CN282 | OP02461010 UNIVERSAL FARE SYSTEM (TAP) CONTRACT MODIFICATION - Gold Line Foothill Extension Phase 2B fare collection equipment | 5 | Between \$5M and \$10M |

B) PROFESSIONAL SERVICES CONTRACTS

| | | |
|------|--|--|
| None | | |
|------|--|--|

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | |
|------|--|--|
| None | | |
|------|--|--|

METRO G LINE BRT IMPROVEMENTS

| I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2023 - August 31, 2023) | | | | | | | |
|--|--|--|--|-------------|-----------------|---------------|------------------------------|
| 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 |
| | None | | | | | | |
| B. PROFESSIONAL SERVICES CONTRACTS | | | | | | | |
| | None | | | | | | |
| C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS | | | | | | | |
| | None | | | | | | |

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2023 - August 31, 2023)

| | | | |
|--|---|-------------|-------------------------------|
| A) DESIGN BUILD CONTRACT - CONTRACT NO. PS85661000 - Valley Transit Partners (Progressive Design Build Contract - Phase 1) | | | |
| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
| CN-02/CO-01 | Value Engineering Concept - Alternative Bridge Type Selection | 6 | Between \$1M and \$5M |
| B) PROFESSIONAL SERVICES CONTRACTS | | | |
| | None | | |
| C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS | | | |
| | None | | |

I-105 EXPRESS LANES PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2023 - August 31, 2023)

Change Types:

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

A. CMGC CONTRACT - CONTRACT NO. PS84667000

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

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

| | | | | | | |
|-------|--|---|----------|-----------|----------------|----------------|
| Mod 2 | Mod 2 is to update all Plans, Specifications, and Estimating (PS&E) items to the 2022 Caltrans Standards released in October 2022, at which time the 95% PS&E was substantially complete. Also, to update geometrics to shift the profile grade/sawcut line for the mainline widening to the existing edge of traveled way to remove new rumble strips installed by Caltrans in 2022. Moreover, the mod includes additional design work and permit support to the existing Task Order 8. | 5 | 03/30/23 | 5/31/2023 | \$1,054,536.00 | \$1,054,536.00 |
|-------|--|---|----------|-----------|----------------|----------------|

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | | | | |
|--|------|--|--|--|--|--|
| | None | | | | | |
|--|------|--|--|--|--|--|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2023 - August 31, 2023)

A. CMGC CONTRACT - CONTRACT NO. PS84667000

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

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

| | | |
|------|--|--|
| 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 | 463 | 1.8 |
| Purple Line Section 1 | 729 | 2.8 |
| Purple Line Section 2 | 461 | 1.8 |
| Purple Line Section 3 | 342 | 1.3 |
| Division 20 | 107 | 0.4 |
| Airport Metro Connector | 17 | 0.1 |
| Total Savings | 2438 | 9.4 |