



Board Report

File #: 2023-0750, **File Type:** Informational Report

Agenda Number: 15.

**CONSTRUCTION COMMITTEE
JANUARY 18, 2024**

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 September 1, 2023 - November 30, 2023.

BACKGROUND

In January 2017, the Metro Board approved a one-year pilot program for delegation of CEO authority to execute project agreements up to the Life-of-Project (LOP) budget for the Crenshaw/LAX, Regional Connector, and Purple Line Extension Section 1 and 2 projects. The purpose of the pilot was to minimize project disruptions due to the typical contract change administration approval process while mitigating risks such as increases in costs and resources, and delay of project schedules. 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 2,587 concurrent workdays or concurrent 10 years, aggregated across the program, have been saved. (For more information, refer to Attachment B entitled OIG Construction Change Order Spot Checks CEO Delegated Authority Total Delays Avoided).

DISCUSSION

The change activities for the reporting period between September 1, 2023 - November 30, 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

| | |
|-----------------------------|---|
| 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 |
| 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 |

IMPLEMENTATION OF STRATEGIC PLAN GOALS

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

NEXT STEPS

The next Change Order Log will cover the period of December 1, 2023 through February 29, 2024 and will be presented to the April 2024 Construction Committee.

ATTACHMENTS

Attachment A - Quarterly Change Orders Log for Reporting Period of September 1, 2023 - November 30, 2023.

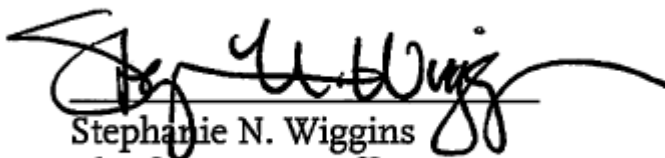
Attachment B - OIG Construction Change Order Spot Checks CEO Delegated Authority Delays Avoided

Prepared by:

- **Regional Connector** - Mat Antonelli, Deputy Chief Program Management Officer, (213) 893-7114
- **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
- **Airport Metro Connector** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **Soundwall Package 11** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **Metro Center Project** - Sameh Ghaly, Deputy Chief Program Management Officer, (213) 418-3189
- **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

REGIONAL CONNECTOR

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2023 - November 30, 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. C0980 - REGIONAL CONNECTOR 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 |
|---------------|--|-------------|-----------------|---------------|------------------------------|-----------------|
| C0980-MOD-262 | Temple Street Extended Roadway Reconstruction: Construct additional full-depth pavement over and beyond what is noted on the contract documents on Temple Street. | 5 | 9/6/2023 | 9/19/2023 | \$962,105 | \$672,700 |
| C0980-CO64 | Civil B Restoration Changes - Construction and Design Support: This Change is to consolidate and address the additional construction work and design support resulting from the changes included in previously issued Design-only Civil B executed modifications. | 5 | 8/29/2023 | 10/27/2023 | \$9,283,264 | \$5,859,410 |

B. PROFESSIONAL SERVICES CONTRACTS

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

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|------|--|--|--|--|--|--|
| None | | | | | | |
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II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2023 - November 30, 2023)

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

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

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|------|--|--|--|
| None | | | |
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WESTSIDE PURPLE LINE EXTENSION SECTION 1

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2023 - November 30, 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-13.2 | San Vicente Anomaly Impacts: 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 | 9/29/2023 | 9/27/2023 | \$236,521,332 | \$115,280,363 |
| CO-45 | SCE and LADWP Room Changes to TPSS Rooms and Equipment: This change is necessary to comply with Southern California Edison and LADWP requests for changes to TPSS rooms and equipment. | 2 | 11/14/2023 | 11/14/2023 | \$901,722 | \$702,052 |

B. PROFESSIONAL SERVICES CONTRACTS

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

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|------|--|--|--|--|--|--|
| None | | | | | | |
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II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2023 - November 30, 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-00229.1 | <p><u>Loss of Division 20 Yard</u>: Schedule delays caused the Project to lose the initial laydown storage yard located inside the Division 20 Project site. This change compensates the Contractor for the rental of alternate sites for storage and staging of project materials and for the inefficiencies of working within the operational rules dictated by Metro Operations which were not present during the bidding process of the Contract.</p> | 5 | Between \$1M - \$5M |

B) PROFESSIONAL SERVICES CONTRACTS

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C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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WESTSIDE PURPLE LINE EXTENSION SECTION 2

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2023 - November 30, 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 |
|--------------|--|-------------|-----------------|---------------|------------------------------|-----------------|
| MOD-00187 | MOA Impacts to Work Activities July 1, 2021 to November 24, 2021; This change is to compensate the C1120 contractor for impacts to the construction activities from work restrictions imposed by the City of Beverly Hills (COBH) Memorandum of Agreement (MOA) during the following period: July 1, 2021 to November 24, 2021. This change excludes individual COBH holidays defined in the MOA which were not already part of the C1120 Contract. Those individual additional COBH holidays will be captured separately in a subsequent Change Notice. | 2 | 7/25/2023 | 9/22/2023 | \$2,013,647 | \$1,389,999 |
| MOD-00189 | CCCS Impacts to excavation and decking due to JMB laydown (RFC-0114.1) (CO-00056); This change compensates the Contractor for construction impacts to station excavation and decking east of Avenue of the Stars due to boundary revisions to Parcel ID-W3801. | 5 | 9/28/2023 | 10/23/2028 | \$860,714 | \$630,635 |
| MOD-00191 | CCCS Excavation Impacts Due to Webcor Sewer Lateral (RFC 00138); The Purpose of this Change is to compensate TPOG for impacts to the CCCS excavation due to the unknown sewer lateral from Century Plaza Hotel which crossed the CCCS footprint at approx. Sta 21+10. | 5 | 10/24/2023 | 11/6/2023 | \$3,044,312 | \$881,542 |

B. PROFESSIONAL SERVICES CONTRACTS

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|-----------|--|---|-----------|-----------|--------------|--------------|
| MOD-00006 | Continuation of Construction Management Support Services (CMSS) for Westside Purple Line Extension Section 2 (WPLE2) Project | 5 | 8/23/2023 | 9/18/2023 | \$41,547,617 | \$34,847,731 |
|-----------|--|---|-----------|-----------|--------------|--------------|

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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|--|------|--|--|--|--|--|
| | None | | | | | |
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II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2023 - November 30, 2023)

A. DESIGN BUILD CONTRACT - C1120 - Tutor Perini / O&G, A Joint Venture

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|-----------------------|---|-------------|-----------------------------------|
| CN-00226 | <u>Additional Project Management, Administration, and Compliance Activities for Changes Issued During Base Design Services (RFC-00104)</u> : This Change is to compensate the Contractor for 173 working days of additional Engineering Services comprising Project Management, Administration, and Compliance Activities for Changes issued during Base Design Services which extended the date of the Metro approved (TPOG P6) baseline schedule completion date of October 29, 2018 by 173 working days. | 5 | Between \$1M and \$5M |
| CN-00228 | <u>LADWP CCCS Access Hatch Street Lid</u> : This Change Notice directs the Contractor to add a removable hatch at street grade on Constellation Boulevard to enter the equipment access shaft dedicated for use by Los Angeles Department of Water and Power (LADWP) at Century City Constellation Station (CCCS) East Ancillary Module as updated in the revised Project Definition Documents. | 2 | Between \$500K and less than \$1M |

B) PROFESSIONAL SERVICES CONTRACTS

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

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|------|--|--|--|
| None | | | |
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WESTSIDE PURPLE LINE EXTENSION SECTION 3

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2023 - November 30, 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. C1151 (FKTP)

| MOD/CHANGE # | DESCRIPTION (if the change is a unilateral, explain in BOLD fonts) | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Approved Amount |
|-----------------|---|-------------|-----------------|---------------|------------------------------|-----------------|
| C1151-MOD-00027 | Additional Cost as a Result of Cal OSHA Variance Deferred Approval - Reimbursement to Contractor for preparation and performance of free air interventions between 2/11/22 to 3/3/22 due to untimely review by Cal OSHA for hyperbaric variance interventions. | 7 | 8/30/2023 | 9/1/2023 | \$2,957,845 | \$826,152 |

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

| | | | | | | |
|------------------|---|---|-----------|------------|-----------|-------------|
| C1152-CO-00091.2 | VA Sta - Water Supply Loop System at Wilshire/Federal Intersection – Construction Only - FLS MRDC Criteria 2.6.3.2 require that domestic water supply to stations shall be from two public utility mains, this then allows if one of the water mains is out of service, the water from the second main will still provide water to Metro's station. The existing LADWP water supply at Federal Blvd and Wilshire Blvd currently consists of two single water lines that are not connected. The addition of a "loop" will connect the two water lines. In addition, the existing pressure in the LADWP system is not sufficient to provide water to Metro's station, so a portion of the water lines that the loop connects to need to be upsized from 6" to 10" pipes. FLS MRDC Criteria 2.6.3.2 requires water supply main risers be interconnected by an 8 in pipe. The Contractor has determined that pressure losses across the long run from the Wilshire Blvd/Federal Ave intersection to the Westwood/VA Hospital Station require upsizing the supply mains for fire water from 8-inch to 10-inch pipes. | 5 | 11/7/2023 | 11/16/2023 | N/A | \$1,901,250 |
| C1152-MOD-00099 | UCLA Sta- Adjacent Development Impact (Design Only) Task 2a and 3d - A new adjacent development at Wilshire Blvd and Gayley Avenue, which is close to the Metro Station and Entrance at Lot 36, may be constructed during the duration of the Purple Line Extension Section 3 project. The schedule of the adjacent development and design details were not known at the time when the C1152 bid documents were prepared, and therefore, specific requirements to consider the development are not included in the Contract. Given the potential for the development to take place during the construction of the Westwood/UCLA Station, it is necessary for the C1152 contractor to determine if there are any impacts on the station and entrance structures and support of excavation from the Wilshire Gayley Development. | 5 | 8/3/2023 | 10/31/2023 | \$582,114 | \$582,114 |

B. PROFESSIONAL SERVICES CONTRACTS

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|--------------------------------|---|---|------------|------------|-----------|-------------|
| EN66937000-TO-004 MOD-00004 | PLE3-Environmental Engineering-Monitoring-Compliance - Continuation of required environmental compliance services through 4/01/24. | 5 | 10/12/2023 | 10/18/2023 | \$656,820 | \$652,024 |
| PS54007-TO-008- MOD-00004 | Metro Quality Management Consultant (QMC) WPLE 3 Project Implementation - Additional Budget - Continuation of Quality Management services to supplement Metro's Quality Management Department and to provide technical expertise in resolving complex issues through 12/31/26. | 5 | 10/27/2023 | 11/2/2023 | \$552,209 | \$552,209 |
| C1204-CO-00001 | VA Shuttle and Valet Option Exercise and Surge Level of Effort - Mitigation measures during VA Station construction and Metro's compliance with the Memorandum of Understanding between Metro and the VA Hospital. | 5 | 11/14/2023 | 11/16/2023 | N/A | \$2,739,964 |

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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|-----------------|--|---|-----------|------------|--------------|--------------|
| MC073-MOD-00022 | Extension of Construction Management Support Services Through Fiscal Year 2025 - Continuation of Construction Management Support Services to supplement Metro Construction Management in managing C1151, C1152, C1204, and C1212 Contracts through June 2025. | 5 | 9/27/2023 | 10/27/2023 | \$30,192,771 | \$29,407,763 |
|-----------------|--|---|-----------|------------|--------------|--------------|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2023 - November 30, 2023)

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

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|-----------------------|--|-------------|-------------------------------|
| C1151-MOD-00028 | PLE3 – Accelerated Resequenced Schedule - Implementaion of C1151 Tunnels and C1152 Stations accelerated and resequenced schedule to accelerate PLE 3's Substantial Completion Date to January 2027. | 5 | More than \$15M |

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

| | | | |
|-----------------|--|---|-----------------|
| C1152-MOD-00104 | Changes Resolved with Schedule Acceleration and Resequencing Settlement - Resolution of changes that may impact the implementaion of C1151 Tunnels and C1152 Stations accelerated and resequenced schedule to accelerate PLE 3's Substantial Completion Date to January 2027. | 5 | More than \$15M |
| C1152-MOD-00105 | PLE 3 – Accelerated Resequenced Schedule - Implementaion of C1151 Tunnels and C1152 Stations accelerated and resequenced schedule to accelerate PLE 3's Substantial Completion to January 2027. | 5 | More than \$15M |

B) PROFESSIONAL SERVICES CONTRACTS

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

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| None | | | |
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DIVISION 20 PORTAL WIDENING TURNBACK

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2023 - November 30, 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.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-00108 | LADWP Power Service Pole on Ducommun & Portal Sump Pump Modifications: Construction of Viertel's power service conduit between Metro ROW adjacent to LADWP relocated power service pole in accordance with LADWP standards. Contractor to construct in coordination with LADWP and Metro 3rd Party to provide access for LADWP to perform pole relocation and power service work. | 2 | 8/16/2023 | 9/29/2023 | \$685,703.65 | \$659,648.00 |
| MOD-00109 | Lighting Various Civil and Electrical Changes: Contractor shall provide all labor, material, and equipment to perform scope related to modified changes to light poles, fixtures, and duct bank locations | 5 | 8/31/2023 | 10/4/2023 | \$1,853,497.00 | \$1,395,861.00 |
| MOD-00115 | Reduce Third Rail Gap Lengths: Contractor to provide additional contact rail along with additional consequential changes to roadway plans | 5 | 8/31/2023 | 10/4/2023 | \$2,169,241.29 | \$1,177,477.00 |
| MOD-00118 | Cable Trough on Emergency Walkway: Contractor to procure approved cable trough (no physical construction work) | 5 | 9/8/2023 | 10/5/2023 | \$758,162.94 | \$579,422.00 |

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

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|------|--|--|--|--|--|--|
| None | | | | | | |
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B. PROFESSIONAL SERVICES CONTRACTS

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|-----------------------|---|---|----------|-----------|----------------|----------------|
| E0128-TO-09-MOD-00012 | (Secotrans) Design Services During Construction –Level of Effort for FY2024: The Systems Engineering Consultant (SEC) shall provide additional level of effort to support, perform, organize and implement Design Services During Construction (DSDC) for systems work on the Division 20 Portal Widening Turnback Project. The DSDC support staff shall be specialized in Train Control, Third Rail, Traction Power, Communications, Corrosion Control, Facilities, and Systemwide Electrical, Mechanical, Plumbing, and Fire Protection. | 5 | 09/19/23 | 9/20/2023 | \$3,003,639.00 | \$2,998,434.00 |
|-----------------------|---|---|----------|-----------|----------------|----------------|

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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|-----------|--|---|------------|------------|-----------------|-----------------|
| MOD-00009 | Continuation of Construction Management Support Services through FY24: This work shall include construction management services as well as a provision for other direct costs associated with supporting the construction staff and running the offices. | 5 | 10/19/2023 | 11/20/2023 | \$16,167,431.00 | \$10,259,438.00 |
|-----------|--|---|------------|------------|-----------------|-----------------|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2023 - November 30, 2023)

A. DESIGN/BID/BUILD CONTRACT - CONTRACT NO.1136 (TUTOR PERINI CORP)

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|-----------------------|---|-------------|-----------------------------------|
| MOD-00141 | North Ladder Track Subgrade and Ballast: Place the track subballast and ballast for the north ladder tracks in accordance with the RFI response and related exhibits. Additional track subgrade information is provided at the Contractor's request for the north ladder tracks. Cost for subgrade preparation is part of the base scope of work. | 5 | Between \$500K and less than \$1M |

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

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| None | | | |
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B) PROFESSIONAL SERVICES CONTRACTS

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|----------------------|--|---|-------------------------|
| AE66758000-MOD-00022 | (T.Y. Lin International, Inc.) Continued Division 20 Portal Widening Turnback Project Engineering Design Services - Design Support During Construction: The Consultant shall continue to furnish professional engineering design services through FY24 and FY25 | 5 | Between \$10M and \$15M |
|----------------------|--|---|-------------------------|

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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| None | | | |
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AIRPORT METRO CONNECTOR

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2023 - November 30, 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. C1194 - HPH

| 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/BID/BUILD CONTRACT - CONTRACT NO. C1197 - Tutor

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|----------------------------------|--|---|-----------|------------|----------|-----------|
| Tutor - C1197 Mod 27 CN 54 | <p>Low Voltage Cabling</p> <p>Contractor shall provide the necessary labor, equipment, and materials to perform install a fiber optic backbone, local distribution and inside plant and outside plant outside CAT6A cabling in accordance with the responses to RFIs 300, 300-01, 300-02, 300-03, and 300-04.</p> | 5 | 9/8/2023 | 11/7/2023 | 842,079 | 818,691 |
| Tutor - C1197 CO 10 CN 57 | <p>Bulletin 40 - Projectwide Roof Modifications</p> <p>Los Angeles World Airports (LAWA) is currently widening Arbor Vitae Street as part of their Landside Access Modernization Program (LAMP). As a result, the signal and gate equipment at the existing at-grade crossing will need to be removed and replaced to accommodate the wider street. This involves deactivation of the current street crossing equipment. While the street is under construction, pedestrian access will be maintained, and Metro will continue to use Arbor Vitae crossing to move trains between Southwest Yard and the K-line. To mitigate potential safety risks and prevent interruptions to Metro Operations, flaggers must be utilized to ensure the safe passage of trains through the deactivated crossing. The flaggers would also maintain the safety of pedestrians and other construction personnel when walking across the tracks.</p> <p>Flagging cost incurred by the AMC project, as a result of LAWAs construction efforts on Arbor Vitae Street, will be reimbursed by LAWA.</p> | 5 | 11/7/2023 | 11/29/2023 | n/a (CO) | 1,495,000 |

B. PROFESSIONAL SERVICES CONTRACTS

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

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|------|--|--|--|--|--|--|
| None | | | | | | |
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II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2023 - November 30, 2023)

A) DESIGN/BID/BUILD CONTRACT - CONTRACT NO. C1194 - HPH

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

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

| | | | |
|---------------------------|--|---|-----------------------|
| Tutor - CN 50 Bulletin 43 | <p>Bulletin 43 - Added Roof Hatches and Mesh Ceiling Hatches</p> <p>The Contractor shall provide the necessary labor, equipment, and materials to perform work in accordance with the Contract Documents and Bulletin 43.</p> <ul style="list-style-type: none"> -Adjust the location and add fixed railing to all roof hatches. -Install fixed ladders equipped with traveling fall restraint systems for the LRT, Bike Hub, and Metro Hub roof hatches -Rescope the roof hatches on the retail hub and elevator towers. -Update the waterproofing details at the ribbon roof hatches. -Provide access from the mezzanine level through the clg 11 mesh ceiling panels to the ribbon roof hatches. -Adjust the quantity, location, and details of the roof access doors in the mesh soffits. -Add access panels for junction boxes through the clg 11 (mesh ceiling panels) and clg 12 metal panel ceiling panels between columns. | 5 | Between \$1M and \$5M |
| Tutor - CN 59 Bulletin 54 | <p>Bulletin 54 - Radio Telecom Changes</p> <p>The Contractor shall provide all labor, materials, and equipment to perform work in accordance with the Contract Documents, and as specified in Bulletin 54. Modification to the radio system will be required at the AMC site, and a new base station will be constructed at the Southwest Yard. The proposed base station at the Southwest Yard include, but is not limited to:</p> <ul style="list-style-type: none"> •Procuring and installing radio antenna poles, antenna, and cables •Procuring and installing radio base station equipment including combiner, multiplexer, filters, grounding •Radio signal boosters such as Repeat Amplifier •Installation of fiber to RF-modules •Radio network switches •Radio PLC (programmable logic control) and programming, NMS (network management system) •Installation of power supply cabinets •Providing final as-built and training •System commissioning including FAT/LFAT/SFAT/SIT1/SIT2 •Future interface with CLAX line. | 5 | Between \$1M and \$5M |

B) PROFESSIONAL SERVICES CONTRACTS

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

SOUNDWALL PACKAGE 11

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2023 - November 30, 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. C1101 (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 |
|-------------------|--|-------------|-----------------|---------------|------------------------------|-----------------|
| MOD 77 (CN 79) | <p>Landscape Completion Action – Plan Modifications</p> <p>WORK DESCRIPTION: The landscape and irrigation scope of the project is being modified to include an additional 1,452 cubic yards of mulch in various locations throughout the project. This mulch is in lieu of the originally proposed ice plant. The sprinklers originally intended for irrigating the ice plant shall be removed and capped, while an additional 185 bubblers are installed at each tree. Bridge heads shall be planted with ground cover and irrigated as per original design. Site preparation includes but is not limited to removal of vegetation and grading. This change also eliminates the plant establishment period for the remaining areas. Battery operated valve controllers are being installed at 92 stations that have been impacted by the ongoing vandalism by homeless.</p> | 5 | 11/20/2023 | 11/30/2023 | \$1,261,977 | \$1,261,977 |

B. PROFESSIONAL SERVICES CONTRACTS

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

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2023 - November 30, 2023)

A) DESIGN/BID/BUILD CONTRACT - CONTRACT NO. C1101 (Powell)

| 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 STREET

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2023 - November 30, 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. C52151C1169-2

| 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

| | | | | | | |
|---|---|---|----------|------------|-----------|-----------|
| 212121 PS66100MC076-CN-00014 (CM: 16843) | 212121 PS66100MC076-CN-00014 (CM: 16843) Add Position for Sr. Resident Engineer | 5 | 9/1/2023 | 10/17/2023 | \$683,616 | \$683,616 |
|---|---|---|----------|------------|-----------|-----------|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2023 - November 30, 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

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

METRO G LINE BRT IMPROVEMENTS

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2023 - November 30, 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. PS85661000 - Valley Transit Partners (Progressive Design Build Contract - Phase 1)

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

B. PROFESSIONAL SERVICES CONTRACTS

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

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2023 - November 30, 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-01.1 | Value Engineering Concept - Alternative Bridge Type Selection (Previously reported, increased CO amount) | 6 | Between \$1M and less than \$5M |
| CN-03/MOD-03 | Stormwater Capture Additional Deep Infiltration Testing | 3 | Between \$500K and less than \$1M |

B) PROFESSIONAL SERVICES CONTRACTS

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

I-105 EXPRESS LANES

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (September 1, 2023 - November 30, 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. 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

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

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2023 - November 30, 2023)

A) DESIGN BUILD CONTRACT - CONTRACT NO. PS84667000

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

B) PROFESSIONAL SERVICES CONTRACTS

| | | | |
|-----|--|---|------------------------|
| TBD | Seg 1, Revise design of retaining walls from standard to special soil nail walls/Median overhead sign type and foundations | 5 | Between \$5M and \$10M |
|-----|--|---|------------------------|

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 | 444 | 1.7 |
| Division 20 | 154 | 0.6 |
| Airport Metro Connector | 17 | 0.1 |
| Total Savings | 2587 | 10.0 |

Program Management Quarterly Change Report Summary

Darcy Buryniuk

Chief Program Management Officer

Program Management Quarterly Change Report

- This report summarizes quarterly changes valued at greater than \$500,000 for projects managed by Program Management.
- The current Quarterly Change Orders Log is reporting a period from September 1, 2023 – November 30, 2023.
- Changes included in this report are within the approved LOP budget for each project.
- The next Change Order Log will cover the period of December 1, 2023, through February 29, 2024, and will be presented to the April 2024 Construction Committee.

Quarterly Changes

(Sept. 1, 2023 – Nov. 30, 2023)

| | # of Approved Changes | Contractor Proposal Amount | Total Approved Amount | Within LOP | Future Changes | Range | Within LOP |
|--|-----------------------|----------------------------|-----------------------|------------|----------------|--|------------|
| REGIONAL CONNECTOR | 2 | \$10,245,369 | \$6,532,110 | ✓ | – | – | – |
| WESTSIDE PURPLE LINE EXTENSION SECTION 1 | 2 | \$237,423,054 | \$115,982,415 | ✓ | 1 | Between \$1M - \$5M | ✓ |
| WESTSIDE PURPLE LINE EXTENSION SECTION 2 | 4 | \$47,466,290 | \$37,749,907 | ✓ | 2 | Between \$1M and \$5M; Between \$500K and less than \$1M | ✓ |
| WESTSIDE PURPLE LINE EXTENSION SECTION 3 | 7 | \$34,941,759 | \$36,661,476 | ✓ | 3 | Each more than \$15M | ✓ |
| DIVISION 20 PORTAL PROJECT | 6 | \$24,637,675 | \$17,070,280 | ✓ | 2 | Between \$500K and less than \$1M; Between \$10M and \$15M | ✓ |
| AIRPORT METRO CONNECTOR | 2 | \$842,079 | \$2,313,691 | ✓ | 2 | Two between \$1M and \$5M | ✓ |
| SOUNDWALL PACKAGE 10 | 1 | \$1,261,977 | \$1,261,977 | ✓ | – | – | – |
| METRO CENTER PROJECT | 1 | \$683,616 | \$683,616 | ✓ | – | – | – |
| METRO G LINE BRT IMPROVEMENTS | – | – | – | – | 2 | Between \$1M and \$5M; Between \$500K and less than \$1M | ✓ |
| I-105 EXPRESS LANES | – | – | – | – | 1 | Between \$5M and \$10M | ✓ |