



Metro

## Board Report

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

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**File #:** 2022-0402, **File Type:** Informational Report

**Agenda Number:** 30.

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### CONSTRUCTION COMMITTEE August 18, 2022

**SUBJECT: PROGRAM MANAGEMENT QUARTERLY CHANGE REPORT**

**ACTION: RECEIVE AND FILE**

#### **RECOMMENDATION**

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

#### **ISSUE**

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

#### **BACKGROUND**

In January 2017, the Metro Board approved a one-year pilot to delegate the CEO the authority to execute project agreements up to the Life-of-Project (LOP) budget for the Crenshaw/LAX, Regional Connector, and Purple Line Extension Section 1 & 2 projects. The purpose of the pilot was to save time and minimize disruption due to the typical contract change administration approval process.

The pilot program was effective, generated cost savings and avoided costly construction delays. At the January 26, 2018 Board meeting, the Board approved the continuation and expansion of the delegation of authority within Life of Project (LOP) budget management on all Transit and Regional Rail Capital Projects. Staff was directed to provide quarterly reports to the Board on change orders and modifications that are above \$500,000. CEO Board delegated authority of changes is very beneficial to expedite contract changes and avoid costly construction delays. Since the inception of the program up to 1,992 concurrent workdays or concurrent 7.6 years, aggregated across the program, have been saved. (Attachment B)

#### **DISCUSSION**

The change activities for the reporting period between March 1, 2022 and May 31, 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 Communities  |
| 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      |
| Metro Center Project (ESOC)   | Equity - This project is not located within or adjacent to Equity Focus Communities |
| Blue Line Resignaling         | Equity - 100% 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 |

*Note: This EFC analysis was conducted with the 2019 EFC map. Future analysis will be updated to reference the 2022 EFC map.*

### **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 June 1, 2022, through August 31, 2022, and will be presented to the September 2022 Construction Committee.

### **ATTACHMENTS**

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

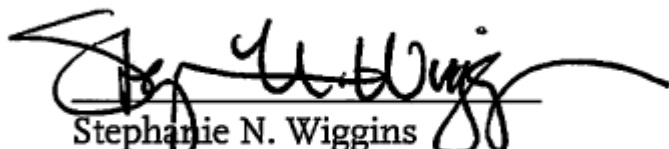
Attachment B - OIG Construction Change Order Spot Checks CEO Delegated Authority Delays Avoided.

Prepared by:

- **Crenshaw/LAX** - Sameh Ghaly, Deputy Chief Program Management Officer, (213) 418-3369
- **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** - Bryan Pennington, Chief Program Management Officer, (213) 922-7449
- **Airport Metro Connector** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **Metro Center** - Jeanet Owens, Sr. EO Project Mgmt., (213) 418-3189
- **Metro Blue Line Resignaling** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **I-5 North Country Enhancements** - Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297
- **Report** - Julie Owen, Sr. EO Program Control, (213) 922-7313

Reviewed by:

Tim Lindholm, Deputy Chief Program Management Officer, (213) 922-7297  
Sameh Ghaly, Deputy Chief Project Management Officer, (213) 418-3319  
Bryan Pennington, Chief Program Management Officer, (213) 922-7449  
Sharon Gookin, Deputy Chief Executive Officer, (213) 418-3101



Stephanie N. Wiggins  
Chief Executive Officer

## CRENSHAW/LAX TRANSIT PROJECT

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1, 2022 - May 21, 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<br>(if the change is a unilateral, explain in <b>BOLD</b> fonts that is why this is unilateral and a modification will follow upon negotiation is finalized between Contractor and Metro). | 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        |             |                 |               |                              |                 |

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2022 - May 21, 2022)****A) DESIGN BUILD CONTRACT - Contract No. C0988 - WALSH SHEA CORRIDOR CONSTRUCTORS**

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

**B) PROFESSIONAL SERVICES CONTRACTS**

| CHANGE NOTICE/ORDER #    | DESCRIPTION   | Change Type | Rough Order of Magnitude Cost     |
|--------------------------|---|-------------|-----------------------------------|
| PS58665-TO-009-MOD-00008 | Arcadis Construction Claims Support Services - Additoinal funding to Support for Claims and Potential Litigation for the C/LAX through June 30, 2023            | 5           | Between \$1M and \$5M             |
| E0117 MOD56              | Add FY23 Funding and Extend Period of Performance through June 20, 2023 to Crenshaw/LAX Phase III DSDC and Phase IV Systems Activation with Claims Prep Support | 5           | Between \$1M and \$5M             |
| AE35279-004-MOD-00013    | Program Management Support Services through FY23: Metro requires continuation of project scheduling, cost, and estimating support services on Crenshaw/LAX      | 5           | Between \$500K and less than \$1M |

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

| MOD/CHANGE #   | DESCRIPTION  | Change Type | Rough Order of Magnitude Cost |
|----------------|--|-------------|-------------------------------|
| MC069-MOD-0004 | CWO 16 FY23 CMSS Support: The estimated cost of CWO 16 has been revised and the period of performance has been extended through June 30, 2023. | 5           | Between \$1M and \$5M         |

CRENSHAW/LAX CLOSE OUT PROJECT

| I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1, 2022 - May 31, 2022)  |  |             |                 |               |                              |                 |
|--|--|-------------|-----------------|---------------|------------------------------|-----------------|
| Change Types:<br>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<br>(if the change is a unilateral, explain in <b>BOLD</b> fonts that is why this is unilateral and a modification will follow upon negotiation is finalized between Contractor and Metro). | 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   |             |                 |               |                              |                 |

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2022 - May 31, 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     |
|-----------------------|--|-------------|-----------------------------------|
| E0117-MOD-00056       | FY23 Funding for Greenshaw/LAX Phase III/IV for Design Services During Construction (DSDC), Systems Activation, and Claims Preparation Support | 5           | Between \$500K and less than \$1M |

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

| MOD/CHANGE #       | DESCRIPTION  | Change Type | Rough Order of Magnitude Cost |
|--------------------|--|-------------|-------------------------------|
| MC069-32-MOD-00001 | FY23 Funding Authorization for Construction Management Support Services (CMSS) | 5           | Between \$1M and \$5M         |

## WESTSIDE PURPLE LINE SECTION 1

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1, 2022 – May 31, 2022)**

Change Types:

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

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1045 - SKANSKA-TRAYLOR-SHEA, A JOINT VENTURE**

| MOD/CHANGE # | DESCRIPTION<br>(if the change is a unilateral, explain in BOLD fonts)   | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Approved Amount |
|--------------|---|-------------|-----------------|---------------|------------------------------|-----------------|
| MOD 154.1    | <b>Temporary Construction Easement (TCE) Slab Demolition and Removal at the Western Shaft (CN-00088.1):</b> After C1045 contract award, the terms of this TCE changed and now require the site be turned over to the property owner suitable for future development. This requires the existing slab to be removed as outlined in Los Angeles Building and Safety Department (LABSD) standards, which has the acceptance oversight of work within this TCE. | 2           | 4/4/2022        | 5/31/2022     | \$566,175.00                 | \$541,233.00    |
| CO-10        | <b>Funding for Claim 2/RFC-13 – Reach 2 Gas Events Dispute:</b> Executive business decision to provide funding for Claim 2/RFC13 Reach 2 Gas Events Dispute until it is resolved. This change order has been issued with a reservation of rights.   | 3           | 5/2/2022        | 5/3/2022      | N/A                          | \$5,769,234.00  |

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

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

**B. PROFESSIONAL SERVICES CONTRACTS**

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

**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

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



**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2022 – May 31, 2022)****A) DESIGN BUILD CONTRACT - CONTRACT NO. C1045 - SKANSKA-TRAYLOR-SHEA, A JOINT VENTURE**

| CHANGE NOTICE/ORDER # | DESCRIPTION  | Change Type | Rough Order of Magnitude Cost     |
|-----------------------|--|-------------|-----------------------------------|
| CN-00213              | <b>Wilshire/La Cienega Station Stand-By Generator (Design and Construction):</b> Due to new final load design information from Purple Line Extension Sections 2 and 3 Project contractors, the WPLE Section 1 Project has to upgrade its standby generators to a larger size to accommodate the increased generator loads at the Wilshire/La Cienega Station.  | 5           | Between \$500K and less than \$1M |
| CN-00214              | <b>Wilshire/La Brea Station Stand-By Generator (Design and Construction):</b> Due to new final load design information from Purple Line Extension Sections 2 and 3 Project contractors, the WPLE Section 1 Project has to upgrade its standby generators to a larger size to accommodate the increased generator loads at the Wilshire/La Brea Station.  | 5           | Between \$1M - \$5M               |
| CN-00220              | <b>Track Level Access Openings at Wilshire/Western, Wilshire/La Brea, and Wilshire/La Cienega Stations:</b> Due to the impacts associated with the Wilshire/San Vicente anomaly, the overall project schedule was delayed. The primary purpose for constructing these track level access openings is to provide the Project with improved construction site logistics. This includes the efficient and safe movement of personnel, materials and equipment within the construction area while the Project is being built. These construction openings are necessary to mitigate schedule risks and reduce the dependency from (the soon to be closed) Division 20 Yard access. | 3           | Between \$1M - \$5M               |
| CN-00222              | <b>Installation of Support of Excavation (SOE) for LADWP Equipment Access Hatch:</b> Preliminary Design Contract drawings and Los Angeles Department of Power (LADWP) prior approval indicated an LADWP equipment hatch buried five feet under the roadway. During the final approval process, LADWP management indicated that a permanent engineered emergency hatch direct to the road surface would be required. This change allows the contractor to design and construct a temporary access hatch during the Wilshire/La Brea Station backfill operation. This will also minimize the impact/effort to install the permanent hatch at a later date.                       | 2           | Between \$500K and less than \$1M |

**A) CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP**

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

**B) PROFESSIONAL SERVICES CONTRACTS**

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

**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

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

WESTSIDE PURPLE LINE SECTION 2

| I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (MARCH 1, 2022 - May 31, 2022)  |  |             |                 |               |                              |                 |
|--|--|-------------|-----------------|---------------|------------------------------|-----------------|
| Change Types:<br>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<br>(if the change is a unilateral, explain in <b>BOLD</b> fonts)   | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Approved Amount |
| CO-00041   | <u>Tunneling Suspension Associated with Abandonment of Oil Wells (RFC-097.1):</u> This change compensates the C1120 Contractor for Metro issued suspensions for tunneling activities. In accordance with General Requirements 01 14 05 Metro-Directed Stoppages and General Conditions GC-36, Metro ordered the suspension of tunnel excavation work east of the Tunnel Access Shaft in order to allow for complete plugging and abandonment of two oil wells found beneath Beverly Hills High School property in the paths of the tunnel boring machines. ( <u>Unilateral Change : Contractor is not agreeing daily standby rate identified in C1120 Contract</u> ) | 2           | -               | 4/12/2022     | -                            | \$ 2,075,000.00 |
| 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 (MARCH 1, 2022 - May 31, 2022)

A) DESIGN BUILD CONTRACT - C1120

| CHANGE NOTICE/ORDER # | DESCRIPTION  | Change Type | Rough Order of Magnitude Cost     |
|-----------------------|--|-------------|-----------------------------------|
| CN-00185              | Provisions for WRS North (Secondary) Entrance – Construction: This change is for construction of elements within the Wilshire Rodeo Station to accommodate a future North (secondary) Entrance, based on design provisions authorized by MOD-134. The scope includes the construction of a new 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, including all associated adjustments to ancillary items. 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. | 2           | Between \$1M and \$5M             |
| CN-00188              | Type X Tunnel Lighting Fixture Substitution (RFC – 00148): This change is needed to provide design and construction to substitute tunnel lighting fixture "Type X" on Metro Rail Electrical Standard drawing ES-106 with an approved equal that meets the performance criteria provided in ES-106. The Lighting Fixture shown on Metro Rail Electrical Standard drawing ES-106 is no longer being manufactured by Go Green Solutions.  | 3           | 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) 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 (MARCH 1, 2022 - May 31, 2022)**

Change Types:

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

**A. DESIGN BUILD CONTRACT - C1151**

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

**A. DESIGN BUILD CONTRACT - C1152**

| MOD/CHANGE #     | DESCRIPTION<br>(if the change is a unilateral, explain in <b>BOLD</b> fonts) | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Approved Amount |
|------------------|--|-------------|-----------------|---------------|------------------------------|-----------------|
| C1152-CO-00035.1 | VA Steam Tunnel Size Increase and Redundancy – VA Sta - CONSTRUCTION ONLY    | 2           | 4/22/2022       | 4/29/2022     | \$6,717,671                  | \$4,286,988     |

**A. DESIGN BUILD CONTRACT - C1153**

| MOD/CHANGE # | DESCRIPTION<br>(if the change is a unilateral, explain in <b>BOLD</b> fonts) | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Approved Amount |
|--------------|--|-------------|-----------------|---------------|------------------------------|-----------------|
|              | Contract Closed  |             |                 |               |                              |                 |

**B. PROFESSIONAL SERVICES CONTRACTS**

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

**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

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

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (MARCH 1, 2022 - May 31, 2022)****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 |
|-----------------------|--|-------------|-------------------------------|
| C1152-CN-00073.1      | Tail Tracks – Hi-Rail Vehicle Storage (Design) | 5           | Between \$1M and \$5M         |

**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 (March 1, 2022 – May 31, 2022)**

Change Types:

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

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

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

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

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

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

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

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

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

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2022 – May 31, 2022)****A) DESIGN BID BUILD CONTRACT - CONTRACT NO. C1136 - TUTOR PERINI CORPORATION**

| CN/CO/MOD # | DESCRIPTION   | Change Type | Rough Order of Magnitude Cost     |
|-------------|---|-------------|-----------------------------------|
| 37(MOD)     | <b>First Street Bridge Continuous Monitoring.</b> This change is for continuous monitoring displacements of the First Street Bridge during major impact bridge construction operations  | 2           | Between \$500K and less than \$1M |
| 32.1(CO)    | <b>Traction Power Substation (TPSS) Civil and Power Changes.</b> This change updates the civil/structural and traction power raceway designs of the TPSS and DWP switchgear site per answers to RFI's                                   | 6           | Between \$500K and less than \$1M |
| 47.1(CO)    | <b>Temporary traction Power Negative Returns &amp; Revised Track Demolition Limits.</b> This change results from responses to RFI's 453.02, 803 and 859 to provide a negative return path from existing TPSS to track and storage track | 6           | Between \$500K and less than \$1M |
| 76.1(CO)    | <b>Installation of Disconnect Switches - East Union Station.</b> This change provides two (2) Owner-procured manual disconnect switches to be installed at the diamond crossover immediately east of Union Station                      | 5           | Between \$500K and less than \$1M |

**B) DESIGN BID BUILD CONTRACT NO. C1184 - C3M**

|   |  |   |                                   |
|---|--|---|-----------------------------------|
| 1 | TPSS and EBPS Building Structural Calculations | 5 | Between \$500K and less than \$1M |
|---|--|---|-----------------------------------|

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

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

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

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

## AIRPORT METRO CONNECTOR

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1, 2022 – May 31, 2022)**

Change Types:

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

**A. DESIGN BID BUILD CONTRACT - C1194 - HPH**

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

**A. DESIGN BID BUILD CONTRACT - C1197 - Tutor**

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

**B) PROFESSIONAL SERVICES CONTRACTS**

|  |      |  |  |  |  |  |
|--|------|--|--|--|--|--|
|  | 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 (March 1, 2022 – May 31, 2022)****A) DESIGN BID BUILD CONTRACT - Contract C1194 - HPH**

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

**A) DESIGN BID BUILD CONTRACT - Contract C1197 - Tutor**

| CHANGE<br>NOTICE/ORDER #              | DESCRIPTION  | Change Type | Rough Order of Magnitude Cost     |
|---------------------------------------|--|-------------|-----------------------------------|
| Tutor -<br>C1197 CN 14<br>Bulletin 26 | Bulletin 26:<br><br>The Contractor shall provide the labor, material, and equipment required to perform the following work scope: temporary site improvements to Metro's auxiliary lot located at 5601 Century Blvd including but not limited to hardscape, landscape, site drainage, new fencing and installing new underground utilities in accordance with Bulletin 26. | 5           | Between \$500K and less than \$1M |

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

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

**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

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

**D) THIRD PARTY AGREEMENTS**

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

## METRO CENTER PROJECT

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1, 2022 – May 31, 2022)**

Change Types:

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

**A. DESIGN BUILD CONTRACT - CONTRACT NO. C1169 - S.J. AMOROSO CONSTRUCTION CO., LLC.**

| MOD/CHANGE #           | DESCRIPTION<br>(if the change is a unilateral, explain in <b>BOLD</b> fonts) | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Approved Amount |
|------------------------|--|-------------|-----------------|---------------|------------------------------|-----------------|
| C52151C1169-2-CO-00002 | Update Network Equipment (LAN,WLAN,VOLIP) to current Metro ITS Standards     | 5 - Scope   | 2/7/2022        | 4/12/2022     | \$ 1,000,000                 | \$ 1,000,000    |

**B. DESIGN SUPPORT DURING CONSTRUCTION - CONTRACT NO. AE451150019779 - HDR Engineering Inc**

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

**C. PROFESSIONAL SERVICES CONTRACTS**

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

**D. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS CONTRACT NO. PS66100MC076 - CENTER STREET MANAGEMENT PARTNERS JV**

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

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2022 – May 31, 2022)****A. DESIGN BUILD CONTRACT - CONTRACT NO. C1169 - S.J. AMOROSO CONSTRUCTION CO., LLC.**

| CHANGE NOTICE/ORDER #  | DESCRIPTION                          | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Rough Order of Magnitude Cost     |
|------------------------|--------------------------------------|-------------|-----------------|---------------|------------------------------|-----------------------------------|
| CS2151C1169-2-CN-00015 | Add Virtual Machine (VM) Environment | 5 - Scope   |                 |               |                              | Between \$500K and less than \$1M |

**B. DESIGN SUPPORT DURING CONSTRUCTION - CONTRACT NO. AE451150019779 - HDR Engineering inc**

|  |  |  |  |  |  |                                   |
|--|--|--|--|--|--|-----------------------------------|
|  | Provide Additional Design Support Services |  |  |  |  | Between \$500K and less than \$1M |
|--|--|--|--|--|--|-----------------------------------|

**C. PROFESSIONAL SERVICES CONTRACTS**

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

**D. CONSTRUCTION SUPPORT SERVICES CONTRACTS - CONTRACT NO. PS66100MC076001 - CENTER STREET MANAGEMENT PARTNERS, JV**

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

## METRO BLUE LINE RESIGNALING

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1, 2022 – May 31, 2022)**

Change Types:

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

**A. DESIGN BUILD CONTRACT - Contract C1081 Metro Blue Line Resignalling - Mass Electric**

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

**B) PROFESSIONAL SERVICES CONTRACTS**

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

**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

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

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2022 – May 31, 2022)****A) DESIGN BUILD CONTRACT - Contract C1081 Metro Blue Line Resignalling - Mass Electric**

| CHANGE<br>NOTICE/ORDER #      | DESCRIPTION  | Change Type | Rough Order of Magnitude Cost |
|-------------------------------|--|-------------|-------------------------------|
| Mod 10<br>(CN Not yet issued) | <u>Resolution of CO 14.1, CO 15.1, CO 16, and CO 17.1</u><br>This one modification will combine resolution of CO 14.1 ( WRP Ped Gates), CO 15.1 (Switch Controller), CO 16 (Skip Stop), and CO 17.1 (Auto Clearing Interlocking). These four change orders were previously not reported because they were issued for less than \$250K. | 5           | Between \$1M and \$5M         |

**B) PROFESSIONAL SERVICES CONTRACTS**

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

**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

| CHANGE<br>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 (March 1, 2022 - May 31, 2022)**

Change Types:

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

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

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

**B. PROFESSIONAL SERVICES CONTRACTS**

|  |  |   |          |          |                 |                |
|--|--|---|----------|----------|-----------------|----------------|
| CONTRACT NO. AE469080015383 - JACOBS ENGINEERING             |  |   |          |          |                 |                |
| MOD 16   | Design Services During Construction and RIITS Change Order Plan and Quantity Revisions | 5 | 3/7/2022 | 5/4/2022 | \$ 3,399,875.00 | \$3,399,875.00 |
| 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 |  |  |  |  |  |
|--|------|--|--|--|--|--|

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2022 - May 31, 2022)****A) DESIGN BID BUILD CONTRACT - CONTRACT NO. C70396C1205 - OHL USA, INC.**

| CHANGE<br>NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|--------------------------|-------------|-------------|-------------------------------|
| 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 |  |  |  |
|------|--|--|--|

## Attachment B: IG Spot Check CEO Delegated Authority Delays Avoided

| Project Name                 | Total<br>Work<br>Days<br>Saved | Years<br>Saved |
|------------------------------|--------------------------------|----------------|
| <b>Crenshaw/LAX</b>          | 336                            | 1.3            |
| <b>Regional Connector</b>    | 420                            | 1.6            |
| <b>Purple Line Section 1</b> | 629                            | 2.4            |
| <b>Purple Line Section 2</b> | 365                            | 1.4            |
| <b>Purple Line Section 3</b> | 210                            | 0.8            |
| <b>Division 20</b>           | 32                             | 0.1            |
| <b>Total Savings</b>         | <b>1992</b>                    | <b>7.6</b>     |