



Board Report

File #: 2019-0692, **File Type:** Informational Report

Agenda Number: 38.

**CONSTRUCTION COMMITTEE
OCTOBER 17, 2019**

SUBJECT: PROGRAM MANAGEMENT QUARTERLY CHANGE REPORT

ACTION: RECEIVE AND FILE

RECOMMENDATION

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

BACKGROUND

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.

DISCUSSION

The change activities for the reporting period between June 1, 2019 and August 31, 2019 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.

IMPLEMENTATION OF STRATEGIC PLAN GOALS

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

NEXT STEPS

The next Change Order Log will cover the period of September 1, 2019 to November 30, 2019 and will be presented to the January 2020 Construction Committee.

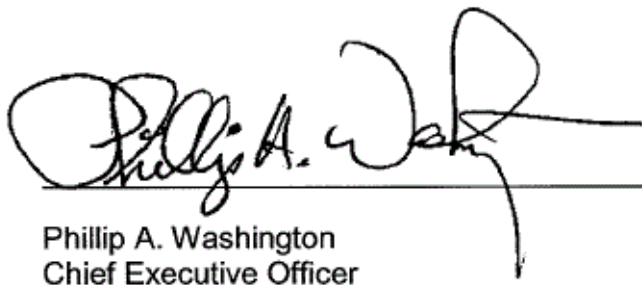
ATTACHMENTS

Attachment A - Quarterly Change Report for Reporting Period of June 1, 2019 - August 31, 2019.

Prepared by:

- **Crenshaw/LAX** - Sameh Ghaly, Sr. EO Project Mgmt., (213) 418-3369
- **Regional Connector** - Gary Baker, EO Project Mgmt., (213) 893-7191
- **Westside Purple Line Ext 1** - James Cohen, EO Project Mgmt., (213) 922-7911
- **Westside Purple Line Ext 2** - Michael McKenna, EO Project Mgmt., (213) 312-3132
- **The New Blue** - Timothy Lindholm, EO Project Engr., (213) 922-7297
- **Report** - Brian Boudreau, Sr. EO Program Control, (213) 922-2474

Reviewed by: Richard Clarke, Chief Program Management Officer, (213) 922-7557



Phillip A. Washington
Chief Executive Officer

CRENSHAW/LAX TRANSIT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2019 - August 31, 2019)

Change Types:

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

A. DESIGN BUILD CONTRACT - Contract No. C0988 - WALSH SHEA CORRIDOR CONSTRUCTORS

| MOD/CHANGE # | DESCRIPTION <small>(if the change is a unilateral, explain in BOLD fonts that is why this is unilateral and a modification will follow upon negotiation is finalized between Contractor and Metro).</small> | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Approved Amount |
|-------------------------|--|-------------|-----------------|---------------|------------------------------|-----------------|
| MOD-00426 CN-00556 | <u>Irrigation Water Meters, Park Mesa Median</u> : Contractor shall construct 15 water service lines from main water to new irrigation meters for the landscape medians, including the procurement and installation of 15 meters within the Park Mesa Heights landscape medians. | 1 | 5/9/2019 | 6/3/2019 | \$ 899,819 | \$ 776,000 |
| MOD-00427 CN-00557 | <u>SCE/DWP Power Feeds at Street Lights and Traffic Signals (RFC 517)</u> : Contractor shall provide all labor, equipment and material needed to install power feed conduits between the utility main and meter/point of connection for new power services to traffic signals and street lights in the City of Los Angeles and City of Inglewood. | 1 | 5/30/2019 | 6/27/2019 | \$ 655,995 | \$ 627,774 |
| MOD-00432 CN-00241.1 | <u>Update Station Customer Signage, Construction</u> : Signage requirements for the project were modified due to updates to ADA requirements, and updates to Metro Rail Customer Signage Directive Drawings. These revisions are necessary so that station signage is ADA compliant, and consistent across the various transit lines. This change covers construction costs at the 8 stations related to updates to the above station signage requirements.to perform. | 4 | 6/8/2017 | 7/15/2019 | \$ 1,813,971 | \$ 1,813,971 |
| MOD-00434 CN-00570 | <u>LADWP and COI New Water Service Connection - Main to Meter</u> : Los Angeles Department of Water and Power (LADWP) and City of Inglewood (COI) are responsible for all piping and maintenance of water service from the main to the meter. Due to lack of resources, LADWP and COI could not perform the work related to the new water service connections, and requested the contractor to perform on their behalf various new water service connections from the main to the meters. Per General Requirement Section 01 71 45 Part 1.10 WSCC is only responsible for service connection fees and construction of Metro facilities after the meter; the utility company is responsible for providing new service to the meter. | 1 | 7/12/2019 | 7/19/2019 | \$ 2,230,705 | \$ 1,978,937 |

B) PROFESSIONAL SERVICES CONTRACTS

| MOD/CHANGE # | PROGRAM MANAGMEENT SUPPORT SERVICES - Contract No. AE35279 - KKCS/TRIUNITY JV | | | | Contractor's Proposed Amount | Approved Amount |
|--------------|---|---|-----|-----------|------------------------------|-----------------|
| MOD-00004 | <u>Crenshaw/LAX & Southwestern Yard</u> - Addition of Cost Estimator and Continuation of Program Control Support Services through FY20; This CWO is in support of the Board approved contract for Program Management Support Services (PMSS). The services are required to supplement the existing Program Management department and to provide technical expertise in resolving complex issues. Specific to this CWO, consultant estimating staff, cost/schedule analysis, and configuration management support services are required to augment the needs of the project through June 30, 2020. | 5 | N/A | 6/18/2019 | \$ 1,717,184 | \$ 1,682,499 |
| MOD/CHANGE # | DESIGN SERVICES DURING CONSTRUCTION - Contract No. AE47810E0128 - SECOTRANS, JOINT VENTURE | | | | Contractor's Proposed Amount | Approved Amount |
| MOD-00005 | <u>Rail System Engineer Support</u> : Additional full time Systems professional staff for estimated not-to-exceed 2,613 man-hours from fiscal year 2019 through fiscal year 2020, to manage the systems integration activities in support of the Crenshaw/LAX Transit project (Crenshaw project) until its completion , currently projected for 2020. | 5 | N/A | 6/28/2019 | \$ 608,130 | \$ 608,130 |

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2019 - August 31, 2019)

A) DESIGN BUILD CONTRACT - Contract No. C0988 - WALSH SHEA CORRIDOR CONSTRUCTORS

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|---------------------------|--|-------------|-------------------------------|
| MOD-00437.1 CN-00410.1 | <u>UG1 H2S Ventilation Fans-Construction</u> : Metro FLS requested to incorporate mechanical ventilation for the immediate disbursement of H2S in the event of a failure of the impermeable gas membrane barrier and simultaneous release of H2S gas from the ground. Procure two (2) tunnel booster fans equal to those being used in UG3 and UG4 to disperse potential H2S gas build up in the UG1 guideway. | 7 | Between \$1M and \$5M |
| MOD-00408.1 CN-00524.1 | <u>Porcelain Enamel Artwork</u> : Metro shall reimburse the Contractor cost of materials related to the production and furnishing of station porcelain enamel artwork above and beyond the cost of based construction material as stated below. All work shall be performed in accordance with the requirements of C0988 AFC Specification Section 07 44 16 | 5 | Between \$500K - \$1M |

B) PROFESSIONAL SERVICES CONTRACTS

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|-----------------------|--|-------------|-------------------------------|
| | DESIGN SERVICES DURING CONSTRUCTION - Contract No. AE47810E0128 - SECOTRANS, JOINT VENTURE | | |
| | None | | |

REGIONAL CONNECTOR TRANSIT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2019 - August 31, 2019)

Change Types:

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

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

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

B. PROFESSIONAL SERVICES CONTRACT

| MOD/CHANGE # | DESCRIPTION | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Approved Amount |
|-----------------|---|-------------|-----------------|---------------|------------------------------|-----------------|
| MC070-MOD18 | FUNDING FOR CONSTRUCTION MANAGEMENT SUPPORT SERVICES THROUGH FY20 | 5 | 4/11/2019 | 7/2/2019 | \$ 9,934,830 | \$ 8,918,454 |
| E0119-MOD27 | DESIGN SERVICES DURING CONSTRUCTION FOR FY20 | 5 | 4/26/2019 | 6/19/2019 | \$ 2,925,485 | \$ 1,543,742 |
| AE3527-009-MOD5 | PROGRAM CONTROL SUPPORT SERVICES THROUGH FY20 | 5 | 5/28/2019 | 6/26/2019 | \$ 917,271 | \$ 917,271 |

C. OTHER AGREEMENTS

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

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

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

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|-----------------------|--|-------------|-------------------------------|
| C0980-CN-00192 | Revise Communication Radio System (Construction) | 5 | Between \$1M to \$5M |
| C0980-CN-00211 | Temple Street Sanitary Sewer Work (Construction) | 5 | Between \$1M to \$5M |
| C0980-RFC-00155 | Revised DWP-PS Work at Temple Alameda | 5 | Between \$1M to \$5M |

B) PROFESSIONAL SERVICES CONTRACTS

Design Support Services During Construction

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

D. OTHER AGREEMENTS

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

WESTSIDE PURPLE LINE EXTENSION - SECTION 1 PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2019 – August 30, 2019)

Change Types:

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

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

| MOD/CHANGE # | DESCRIPTION (if the change is a unilateral, explain in BOLD fonts) | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Approved Amount |
|--------------|---|-------------|-----------------|---------------|------------------------------|-----------------|
| MOD-81 | <u>Fully Guarded Double Crossover - Shop Drawings and Associated Track Components (Design - Delta)</u> : This change allows the contractor to design and develop the necessary shop drawings required for the revised fully guarded double crossover. | 5 | 05/09/19 | 6/7/2019 | \$ 639,638 | \$ 639,638 |
| MOD-83 | <u>La Cienega - Dewatering DSC</u> : This change covers Differing Site Conditions (DSC) related to groundwater dewatering at the La Cienega Station site. It includes new engineering design and analysis, installation of additional dewatering wells, crane mats, well-points and French drains, as well as additional labor resources needed to reduce schedule impacts. | 3 | 06/07/19 | 7/3/2019 | \$ 22,059,501 | \$ 16,841,067 |
| MOD-84 | <u>Wilshire/Fairfax - DWP Ductbank Conflicts with Deck Beams</u> : The location of LADWP ductbanks at Wilshire/Fairfax Station were higher than indicated on the as-built drawings. This change accommodates the mitigation efforts needed to remediate the higher ductbank. | 5 | 06/21/19 | 7/3/2019 | \$ 989,778 | \$ 600,023 |
| MOD-85 | <u>Geotechnical Instrumentation - Revise Geotechnical Contingency Plan and Reporting</u> : The additional instrumentation required by Metro and LABOE, as well as the changes in standards, will require additional reporting and analysis by the contractor. This change will accommodate the additional analysis and reporting. | 5 | 06/27/19 | 7/19/2019 | \$ 8,345,399 | \$ 4,158,687 |

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

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

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

| | | | | | | |
|--------|---|---|----------|-----------|---------------|---------------|
| MOD-06 | Continue Construction Management Support Services (CMSS) to June 30, 2021: This change allows WEST, JV (WEST) to continue to provide construction management support services for an additional 24 months to June 30, 2021. | 5 | 06/25/19 | 7/19/2019 | \$ 45,522,929 | \$ 35,495,453 |
|--------|---|---|----------|-----------|---------------|---------------|

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2019 – August 30, 2019)

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-131 | <u>Phase 4.3 - Development and In Situ Validation of the selected Gas Mitigation option for M13</u> : This CN is part of the program to mitigate potential gas migration during Reach 3 tunneling. Contract modification 0072 (CN-119), Reach 3 Additional Gas Testing and Assessment, was executed on 1/30/19 and covered the cost to conduct additional gas testing to evaluate the contractors proposed methods of extraction. This CN covers the scope of work for the vapor extraction DESIGN effort prior to the launch of the first TBM at Fairfax station. | 7 | Between \$1M - \$5M |
| TBD | <u>Station Signage Change - Design and Construction</u> : This change allows the contractor to comply with the new Metro Rail Underground Platform Design Directive Drawings for Customer Station Signage. | 5 | Between \$1M - \$5M |
| TBD | <u>TBM Reach 3 - Gas Migration 5.0 Construction</u> : This CN is part of the program to mitigate potential gas migration during Reach 3 tunneling. Contract modification 0072 (CN-119), Reach 3 Additional Gas Testing and Assessment, was executed on 1/30/19 and covered the cost to conduct additional gas testing to evaluate the contractors proposed methods of extraction. This CN covers the scope of work for the vapor extraction CONSTRUCTION effort prior to the launch of the first TBM at Fairfax station. | 7 | Between \$1M - \$5M |
| TBD | <u>Wilshire/Western (Systems) New Train Control Equipment during Phase 1 Cutover</u> : To avoid disruption of revenue service during Wilshire/Western Phase 1 cutover testing, this change allows the existing power supply to existing train control equipment to be maintained while the new equipment is installed and tested. | 5 | Between \$1M - \$5M |
| TBD | <u>Wilshire/La Cienega - Invert & Wall Advancement</u> : This change includes the cost of advancing the work associated with invert and (1st lift) wall concrete placement to accommodate the TBM arrival at La Cienega station, which is on the project critical path. | 5 | Between \$5M - \$10M |

A) CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP

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

B) PROFESSIONAL SERVICES CONTRACTS

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

WESTSIDE PURPLE LINE EXTENSION - SECTION 2 PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1 - August 30, 2019)

Change Types:

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

A. DESIGN BUILD CONTRACT - C1120

| MOD/CHANGE # | DESCRIPTION (if the change is a unilateral, explain in BOLD fonts) | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Approved Amount |
|--------------|---|-------------|-----------------|---------------|------------------------------|-----------------|
| MOD-0048 | <u>Additional Mitigation Monitoring and Reporting per Nov 2017 Final SEIS</u> : This change is necessary in order to comply with and perform the updated mitigation measures and meet the monitoring and reporting requirements of the approved Final SEIS. | 5 | 07/18/19 | 8/16/2019 | \$2,831,586 | \$815,501 |

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 (June 1 - August 30, 2019)

A) DESIGN BUILD CONTRACT - C1120

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|-----------------------|---|-------------|-------------------------------|
| CN-00061.1 | <u>Geotechnical Instrumentation Installation and Monitoring for AT&T Building and Beverly Hills High School</u> : Installation of liquid levels instrumentation to monitor the AT&T building located at 2010 Century Park East and installation of horizontal inclinometers above the centerlines of the two tunnels in horizontal drilled (HDD) casings. | 5 | Between \$1M and \$5M |
| CN-00062.1 | <u>Construction of Temporary Shoring System and Lagging - 2010 CPE</u> : Design Builder will construct a support wall along the east and west sides of the site 3604/3604-1 including lagging and concrete demolition, removal and excavation. | 5 | Between \$1M and \$5M |
| CN-00067 | <u>N. Canon Street Closure SW Street Improvement</u> : This change is needed for the Contractor to install a sound wall across North Canon Street in order to shield the stakeholders from construction traffic and noise impacts prior to performing piling work and provide the contractor additional work area and operational flexibility. | 5 | Between \$1M and \$5M |
| CN-00073 | Reconciliation costs for MOD-10: Worksite Traffic Control for SCG & AT&T Advanced Utility Relocation: Instead of each utility (SCG and AT&T) developing and performing their own traffic control plans, TPOG provided the overall traffic control supporting both utilities, avoiding conflicts and expediting utility relocation completion. This change reconciles the costs associated with the difference in days negotiated in MOD 10 for days worked in each Traffic Control Stage with the actual days worked in each Stage. This change also captures the costs of flaggers utilized during the AUR work, which was not included in MOD 10. | 5 | Between \$500K and \$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 | | |

METRO BLUE LINE - SIGNAL SYSTEM REHABILITATION PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2019 - August 31, 2019)

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 Resignaling - Mass Electric

| 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 5 (Supersedes Mod 2.1) (CO 5/CN 5.1 is for C1081 Mass Electric <u>not</u> Icon West but paid using Project 210151 not 205108) | <p><u>Supersedes Item previously reported as C1161 Mod 2.1.</u></p> <p><u>Willowbrook/Rosa Parks Train Control (TC) Modifications -</u></p> <p>Extension of the Blue Line Platform is forcing the systems components to be moved. Staff issued a Contract Modification to the existing Resignaling Contract C1081 to perform system-related work after the Blue Line Platform is extended by Contract C1161.</p> <p>Work is being done under Contract C1081 (Mass Electric) because Contract C1161 (Icon West) does not have the expertise to perform the necessary systems-related work.</p> <p>Work will be paid using Project 210151 not 205108.</p> | 5 | N/A | 6/27/2019 | \$ 636,305 | \$ 636,305 |

B) PROFESSIONAL SERVICES CONTRACTS

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

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2019 - August 31, 2019)

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

| 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 |
|----------------------------------|--|-------------|-------------------------------|
| SECOTRANS - Task Order 6 (Mod 3) | Design Support During Construction - number increased since June from 800,000 to 1,811,000 | 5 | \$ 1,811,000 |
| | None | | |

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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

METRO BLUE LINE - TRACK AND SYSTEM REFURBISHMENT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2019 - August 31, 2019)

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 C1168 Metro Blue Line Track Reburishment

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

B) PROFESSIONAL SERVICES CONTRACTS

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

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2019 - August 31, 2019)

A) DESIGN BUILD CONTRACT - Contract C1168 Metro Blue Line Track Reurbishment

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
|--|---|-------------|-------------------------------|
| CN 19 (Contract C1161) (Project 205115 will still pay for this work) | <p><u>This work has been transfered from RailWorks Contract C1168 to Icon West Contract C1161:</u></p> <p><u>Pole Painting – City of Long Beach</u> The contractor shall paint the street light and traffic signal poles south of East Willow Street along the Blue Line alignment as detailed in the below “<u>City of Long Beach Pole Count</u>” table (count to be field verified by contractor) and in accordance with Technical Requirements Section 09 91 00 “Painting.” Contractor shall use approved primer, Vista Prime Zall, and paint (two (2) coats), Vista Protec Alkyd Emulsion 99 Gloss Finish in color RAL 7037.</p> | 5 | \$ 655,000 |

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 | | |

WILLOWBROOK/ ROSA PARKS STATION IMPROVEMENT PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2019 - August 31, 2019)

Change Types:

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

A. DESIGN BUILD CONTRACT - C1161 Willowbrook/Rosa Parks Station Improvements - Icon West

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

B) PROFESSIONAL SERVICES CONTRACTS

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

B) THIRD PARTY AGREEMENTS

| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Submission Date | Approval Date | Contractor's Proposed Amount | Rough Order of Magnitude Cost |
|-----------------------|---|-------------|-----------------|---------------|------------------------------|-------------------------------|
| N/A | Real Estate Settlement - Vendor: Community Development Settlement for Goodwill with Planned Parenthood | 2 | 7/26/2019 | 7/26/2019 | N/A | \$ 1,680,000 |
| N/A | Real Estate Settlement - Vendor: Willowbrook Center | 2 | 7/26/2019 | 7/26/2019 | N/A | \$ 7,570,000 |

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2019 - August 31, 2019)

| A) DESIGN BUILD CONTRACT - Contract C1161 Willowbrook/Rosa Parks Station Improvements - Icon West | | | |
|--|---|-------------|-------------------------------|
| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
| CN 21 | <p><u>Update Specifications RFC1 / RFC 3 / Bulletin 3</u> In conformance with the documents in the architect's Bulletin 3 dated June 6, 2019, the Contractor shall proceed with the changes in the construction of a new Customer Service and Security Building, Mobility Hub, pedestrian promenade, outdoor plaza, Blue Line platform and mezzanine extension, and renovation of two existing Green Line elevators. The revised package includes revisions to various sections in the Drawing package and Technical Specifications, including structural, civil-site, architectural, signage, electrical, and plumbing.</p> | 5 | \$ 1,850,000 |

| 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 | | |

| C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS | | | |
|--|---|-------------|-------------------------------|
| CHANGE NOTICE/ORDER # | DESCRIPTION | Change Type | Rough Order of Magnitude Cost |
| N/A | <p>Real Estate Settlement - Vendor: Planned Parenthood Settlement for Planned Parenthood Reconciled Relocation</p> | 5 | \$ 691,000 |