



**Board Report**

---

**File #:** 2019-0494, **File Type:** Contract

**Agenda Number:** 29.

---

**CONSTRUCTION COMMITTEE  
JULY 18, 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 March 1, 2019 and May 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 June 1, 2019 to August 31, 2019 and will be presented to the July 2019 Construction Committee.

## ATTACHMENTS

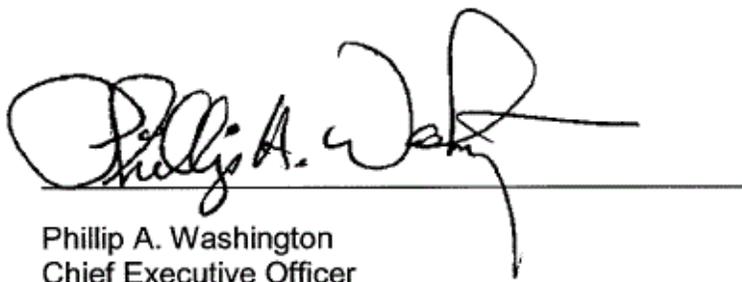
Attachment A - Quarterly Change Report for Reporting Period of March 1, 2019 - May 31, 2019.

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
- **Westside Purple Line Ext 3** - Kimberly Ong, EO Project Mgmt., (213) 922-7382
- **The New Blue** - Timothy Lindholm, EO Project Engr., (213) 922-7297
- **Patsaouras Plaza Busway Station** - 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 (March 1, 2019 - May 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 (if the change is a unilateral, explain in BOLD fonts)	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	\$ 899,820	\$ 776,000

#### B) PROFESSIONAL SERVICES CONTRACTS

CHANGE NOTICE/ORDER #	DESIGN SERVICES DURING CONSTRUCTION - Contract No. AE47810E0128 - SECOTRANS, JOINT VENTURE	Change Type	Rough Order of Magnitude Cost			
MOD-00004	<u>Crenshaw Design Services During Construction</u> : Due to the specialty nature of Rail Systems work, it has been requested by Crenshaw Project Management that consultant support is needed to support DSDC activities as they arise. Consultant shall provide Design Services During Construction (DSDC) support for the Crenshaw/LAX Transit Project (Crenshaw Project). Various rail systems disciplines listed in Contract No. AE47810E0128 may be utilized to complete this Scope of Work in support of the Crenshaw project until its completion, which is currently projected for 2019. The Consultant shall provide the support services as requested by the Crenshaw Project. See attached detailed Scope of Work (SOW).	7	2/26/2019	3/15/2019	\$ 539,009	\$ 539,009

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2019 - May 31, 2019)**

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

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN-00515	<u>Modify Canopies &amp; Gates, Hindry/West/Slauson Stations</u> : provide all labor, material and equipment to construct canopy columns, canopy outriggers, canopy lighting, and emergency swing gates at these 3 stations Hindry, West and Slauson, per C0988-MOD-00056 and C0988-MOD-00251.	7	Between \$500K - \$1M
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 various 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. Conduits must be installed to bring power from the utility company's system to the service meter/point of connection in order to power street lights and traffic signals. The power utility companies, SCE and DWP Power, have stated they are unable to perform this construction and the work is not included in the Contractor's scope of work to perform.	7	Between \$500K - \$1M

**B) PROFESSIONAL SERVICES CONTRACTS**

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

## REGIONAL CONNECTOR TRANSIT PROJECT

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1, 2019 - May 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 <small>(if the change is a unilateral, explain in <b>BOLD</b> fonts)</small>	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
141	EAST/WEST FLOWER BETWEEN 5TH & 6TH IMPACTS TO SOE, DECKING, UTILITES AND TEMP DRAINAGE	5	8/10/2018	3/13/2019	\$ 2,048,118	\$ 1,900,000
137	DWPPS LATERAL 3 DUCTBANK 1/C (C0981R WORK)	5	3/7/2019	3/20/2019	\$ 573,646	\$ 532,000
145	TBM PIT INVERT REMOVAL	5	12/31/2018	3/20/2019	\$ 699,810	\$ 699,810
CO-00026	PROCURE HIGH ATTENUATION FASTENERS IN THE CROSSOVER CAVERN	5	N/A	5/23/2019	N/A	\$ 500,000

#### B. PROFESSIONAL SERVICES CONTRACT

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

#### C. OTHER AGREEMENTS

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

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

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

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
C0980-CN-00204	ADDITIONAL DESIGN FOR CIVIL A AND B STREET RESTORATION PLANS - Provide additional design services to address additional comments from City agencies on the Civil A and Civil B Street restoration plans.	5	Between \$500K - \$1M

### B) PROFESSIONAL SERVICES CONTRACTS

#### Design Support Services During Construction

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
E0119-CN30	DESIGN SERVICES DURING CONSTRUCTION FOR FY20	5	\$ 1,600,000

### C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
MC070-CN18	FUNDING FOR CONSTRUCTION MANAGEMENT SUPPORT SERVICES THROUGH FY20	5	\$ 9,000,000

### 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 (March 1, 2019 - May 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. C1045 - SKANSKA-TRAYLOR-SHEA, A JOINT VENTURE

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
MOD-77	<u>Isolate Ansaldo and Alstrom Track Circuits @ Wilshire/Western - Part 1:</u> The Contractor will provide a separation between Ansaldo and Alstrom Track Circuits at the Wilshire/Western and Wilshire/Normandie Train Control territories. This change avoids potential safety hazards related to track circuit failures when equipment is mixed between two different manufacturers.	7	03/05/19	4/9/2019	\$ 665,722	\$ 587,572

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

MOD-25	<u>Revised Low Impact Development (LID) Construction:</u> Two (2) contaminated groundwater plumes were discovered under the Location 64 site. To avoid further contamination of the local ground water, the design-builder was directed to revise the LID design.	3	04/08/19	5/10/2019	\$ 779,428	\$ 612,408
--------	---	---	----------	-----------	------------	------------

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2019 - May 31, 2019)**

<b>A) DESIGN BUILD CONTRACT - CONTRACT NO. C1045 - SKANSKA-TRAYLOR-SHEA, A JOINT VENTURE</b>			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN-105.1	<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	Between \$500K - \$1M
CN-127	<u>La Cienega - Dewatering DSC (Letter 663)</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	Between \$10M - \$15M
TBD	<u>Wilshire/Western Groundwater Chemistry Impacts</u> : This change covers the increased dewatering well and treatment system maintenance due to unanticipated groundwater quality. Also includes pump failures, additional trenches and sumps and installation of a French Drain system as a secondary source of groundwater control.	5	Between \$1M - \$5M

<b>A) CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP</b>			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
	None		

<b>B) PROFESSIONAL SERVICES CONTRACTS</b>			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN 69	<u>WPLE Section 1 Project – Engineering Support Services During Construction and Other Tasks</u> : This change allows the Metro design consultant (WSP) to continue to provide design support during construction services for the C1045 contract for an additional 24 months to June 30, 2021.	5	Between \$10M - \$15M

<b>C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS</b>			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN 6	<u>Continue Construction Management Support Services (CMSS) to June 30, 2021</u> : This change allows WEST, JV (WEST) to continue to provide construction management support services for an additional 24 months to June 30, 2021.	5	Over \$20M

## WESTSIDE PURPLE LINE EXTENSION - SECTION 2 PROJECT

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1 to May 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 - C1120

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
MOD-00037	<u>Revision to Average Depth of Seismic Borings Along Wilshire Blvd. on Tunnel Reach 5:</u> The 20 planned and required borings were divided into two phases with 10 borings each. The borings in Phase 1 are now complete. The findings from Phase 1 were then used to refine the proposed depths and locations of the remaining Phase 2 borings. The total number of borings remains the same, but the average depth was increased by 50 feet. This change is necessary in order to complete the geotechnical investigation needed to determine the potential placement of additional special tunnel liner.	5	02/13/19	3/5/2019	\$ 1,156,887	\$ 921,496
MOD-00038	<u>MOA Work Hour Requirements for Fault Investigation Borings:</u> The City of Beverly Hills permit for fault investigation borings incorporated revised requirements for hours of work and holiday moratorium which were not in the original contract.	2	02/13/19	3/5/2019	\$ 654,842	\$ 521,602

#### 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 to May 31, 2019)

### A) DESIGN BUILD CONTRACT - C1120

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
TBD	<u>Century City Constellation Station Trackwork Extension</u> : Metro had previously issued project definition drawings which did not have adequate track between the end of the platform and the bumper post. This resulted in track work which was not long enough to establish safe braking distance while the station was to act as a temporary terminus.	5	Between \$1M - \$5 M
TBD	<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	Between \$500K - \$1M
TBD	<u>Revised Limits of Special Lining Section</u> : As part of the C1120 Contract, 1,300 feet of Special Lining Section for tunnel fault crossings were specified with provisions to purchase an additional 700 feet that may be required as result of additional geotechnical exploration. The geotechnical exploration has resulted in more well-defined fault characterization along Lasky Drive and Wilshire Blvd. This has resulted in a reduction of the Special Lining Section from the original 1,300 feet to approximately 1,230 and 1,240 feet for the BR and BL tunnel, respectively without the expense and need for the additional 700 feet. This change will compensate the Contractor for rearrangement of the Special Lining Section into two shorter discrete sections and credit Metro for a reduction of the total length of Special Lining Section.	5	Between \$1M - \$5 M
CN-00065	<u>LA County Tax Increase</u> : This change is pursuant to Contract Compensation and Payment Provisions, CP-6 Payment of Taxes, which requires all taxes the Contractor is required to pay by Laws in effect on the date the Contractor's Bid was opened. This change is for sales tax purchases impacted by Los Angeles County's sales tax increases on July 1, 2017 (0.5 %) and October 1, 2017 (0.25%).	4	Between \$1M - \$5 M

### 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 EXTENSION - SECTION 3 PROJECT

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1, 2019 - May 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 - C1151

MOD/CHANGE #	DESCRIPTION <small>(if the change is a unilateral, explain in <b>BOLD</b> fonts)</small>	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
CO1.2	REVISE THE TAIL TRACK EXIT SHAFT LOCATION FROM THE U.S. ARMY RESERVE TO THE VETERANS AFFAIRS (VA) PROPERTY AND REPLACE THE DESCRIPTION "U.S. ARMY RESERVE" TO "VETERANS AFFAIRS (VA)"	5	N/A	5/13/2019	N/A	\$500,000.00
CO2.1	REVISIONS TO SOUTHERN CALIFORNIA EDISON (SCE) POWER CONNECTION	5	N/A	4/16/2019	N/A	\$500,000.00

#### A) DESIGN BUILD CONTRACT - C1153

MOD/CHANGE #	DESCRIPTION	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, 2019 - May 31, 2019)**

**A) DESIGN BUILD CONTRACT - C1151**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CN-01	REVISE THE TAIL TRACK EXIT SHAFT LOCATION FROM THE U.S. ARMY RESERVE TO THE VETERANS AFFAIRS (VA) PROPERTY AND REPLACE THE DESCRIPTION "U.S. ARMY RESERVE" TO "VETERANS AFFAIRS (VA)": Metro requested this change based upon the Department of the Army declining Metro's request for easement at the U.S. Army Reserve, required for the Tail Track Exit Shaft as part of the tunnel construction operations. The U.S. Army Reserve requested the VA's determination of their ability to accommodate Metro's proposed facilities on the VA property. Metro provided a memo to the VA, outlining alternatives for the location of the shaft and tunnel construction staging areas on the VA property. A letter from the VA stated that the VA could accommodate tunnel construction operations on the western edge of the VA property provided that the only permanent Metro presence within the VA Historic District is the access shaft and associated surface exit hatch and surface ventilation plenums. Therefore, Metro must revise the Contract Documents to relocate the Tail Track Exit Shaft to complete the tunnels.	5	Between \$10 - \$15 M

**A) DESIGN BUILD CONTRACT - C1153**

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

**B) PROFESSIONAL SERVICES CONTRACTS**

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

**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

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

## METRO BLUE LINE - SIGNAL SYSTEM REHABILITATION PROJECT

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1, 2019 - May 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 Resignalling - Mass Electric

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
MOD 6 (CN 10)	<u>Feeder Cable:</u> Contractor to procure and provide 53,000' of 750 MCM OCS feeder cable to use in the Metro Blue Line (MBL) Los Angeles Central Business District (LACBD) section (near Pico/Grand/San Pedro Stations) by June 2019.  This contract modification was not paid for by Project 205108. Mod executed at the request of Operations and they paid for it using Project 205114.	5	5/1/2019	TBD	\$ 1,162,579	\$ 1,163,925

#### B) PROFESSIONAL SERVICES CONTRACTS

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
SECOTRANS - Task Order 6	Rail Systems Support	5	2/27/2019	3/15/2019	\$ 1,500,000	\$ 1,417,911

#### C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
Destination Enterprises - Task Order 22	Mod 3 (916,916) - Construction Safety Specialists	5	2/26/2019	3/11/2019	\$ 916,916	\$ 916,916

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2019 - May 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
CN 6.1 (Replaces CN 6 reported last quarter)	<u>Florence Integrated Vital Processor (IVP) Installation and Relay:</u> This is for Modifications on the Train Control Scope to include the installation of the clean agent fire suppression system in the new train control bungalows. Documents affected: Scope Modifications to Section 01 11 00 of the Scope of Work, Subsection 1.03.A.3	5	\$ 1,200,000

**B) PROFESSIONAL SERVICES CONTRACTS**

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
SECOTRANS - Task Order 6	Design Support During Construction	5	\$ 800,000

**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 (March 1, 2019 - May 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 Refurbishment

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
MOD 6 (CN 10.1)	<p><u>Metro Pole Painting –</u> The contractor shall paint the OCS and OCS/light poles south of East Willow Street along the Blue Line alignment and light poles at various stations/parking lots as detailed in the "<u>Metro Pole Count</u>" table (count to be field verified by contractor) and in accordance with Technical Requirements Section 09 91 00 "Painting." Contractor shall be responsible for coordinating with third parties including the City of Long Beach, obtaining permits and covering the cost of fees as outlined in Technical Requirements Section 01 71 43 "Permits, Licenses, and Agreements". Contractor shall use approved primer. Vista Prime Zall. and paint (two (2) coats). Vista Protec Alkyd Emulsion 99 Gloss Finish in color RAI 7037.</p>	5	03/21/19	4/8/2019	\$ 932,650	\$ 833,686
MOD 7 (CN 15)	<p><u>Willowbrook/Rosa Parks (W/RP) Signage:</u> Contractor to procure and provide signage for W/RP  This contract modification was not paid for by Project 205108. Scope was originally part of W/RP Contract C1161. For efficiency, scope was transferred to Contract C1168 - but will still be paid by Project 210151.</p>	6	5/7/2019	5/20/2019	\$ 1,166,754	\$ 1,166,754
CO 5 (CN 16.1)	<p><u>9th Street Diamond:</u> <b>REVISE</b> Specification Section Summary of Work Spec Section 01 11 00, Item 1.03.A.1.n <b>FROM:</b> n. Contractor shall replace the following special track crossovers: <b>9th Street Diamond - 140 ft.</b> <b>TO:</b> n. Contractor shall replace the following special track crossovers: <b>9th Street Diamond - 140 ft., including demolish and replace existing supporting track structure under 9th Street Diamond MP20.39 in accordance with approved conceptual design and shop drawings in compliance with all AREMA and all Metro standards that apply including Metro Rail Design Criteria (MRDC). Drawings shall be provided by the contractor, including drainage solution, for Metro approval in order to accommodate installation of new special track work diamond. The Option A and Option B Demolition Limits shown on Drawing C-3 do not apply to this condition.</b></p>	1	4/19/2019	4/23/2019	\$ 755,000	\$ 450,000

#### B) PROFESSIONAL SERVICES CONTRACTS

SECOTRANS - Task Order 12	Rail Systems Support	5	2/27/2019	3/15/2019	\$1,500,000	\$1,545,042
------------------------------	----------------------	---	-----------	-----------	-------------	-------------

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2019 - May 31, 2019)**

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

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

**B) PROFESSIONAL SERVICES CONTRACTS**

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

**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

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

## WILLOWBROOK/ROSA PARKS STATION IMPROVEMENT PROJECT

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (March 1, 2019 - May 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 Improvements - Icon West

MOD/CHANGE #	DESCRIPTION <small>(if the change is a unilateral, explain in <b>BOLD</b> fonts)</small>	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
MOD 3 (CN 2.1)	<p><u>Updated Design Drawings and Technical Specifications</u>                      In conformance with the documents dated June 29, 2018, the Contractor shall proceed with 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 updated package includes revisions to various sections in the Drawing package and Technical Specifications, including structural, civil-site, architectural, signage, electrical, and plumbing.</p>	5	02/27/19	3/19/2019	\$ 593,957	\$ 592,457

#### B) THIRD PARTY AGREEMENTS

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Rough Order of Magnitude Cost
TPALB2101510000	Agreement with City of Long Beach to Install Median and Fencing	2	03/13/19	4/1/2019	N/A	\$ 1,800,000

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2019 - May 31, 2019)**

**A) DESIGN BUILD CONTRACT - Contract C1161 - Icon West**

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

**B) PROFESSIONAL SERVICES CONTRACTS**

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

**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

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

## PATSAOURAS PLAZA BUSWAY STATION PROJECT

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD March 1, 2019 - May 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 - C0970 Patsaouras Plaza Busway Station - OHL

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in <b>BOLD</b> fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
Mod 28 (CN 45) Global Settlement	This Contract Modification represents the Settlement Agreement between Metro and the Contractor, OHL USA, Inc., to resolve the following items. 1) Pre-Construction Delays (Claims to January 2017) 2) 2017 Construction Delays 3) ESA Delays 4) Escalation 5) Potential Change Orders 6) Global Impact and Inefficiencies 7) Unilateral (CO 00003, 00004, 00005) 8) Revised contract completion date, 258 days after anticipated date suspension lifted (February 15, 2019) and construction work resumes	5	12/01/18	5/30/2019	\$ 5,400,000	\$ 5,375,000
Mod 29 (CN 46) Archeological Delays	This Contract Modification provides eighty-seven (87) calendar days for additional delay due to archaeological investigation from February 15, 2019 through May 13, 2019, and referenced in Settlement Agreement memorized on May 7, 2017. This change brings the start date to May 13, 2019.	3	12/01/18	5/30/2019	\$ 625,000	\$ 625,000

### II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (March 1, 2019 - May 31, 2019)

#### A) DESIGN BUILD CONTRACT - C0970 Patsaouras Plaza Busway Station - OHL

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

#### B) PROFESSIONAL SERVICES CONTRACTS

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

#### C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS

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