



Board Report

File #: 2020-0674, **File Type:** Informational Report

Agenda Number: 33.

**CONSTRUCTION COMMITTEE
OCTOBER 15, 2020**

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, 2020 and August 31, 2020 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, 2020 to November 30, 2020 and will be presented to the January 2021 Construction Committee.

ATTACHMENTS

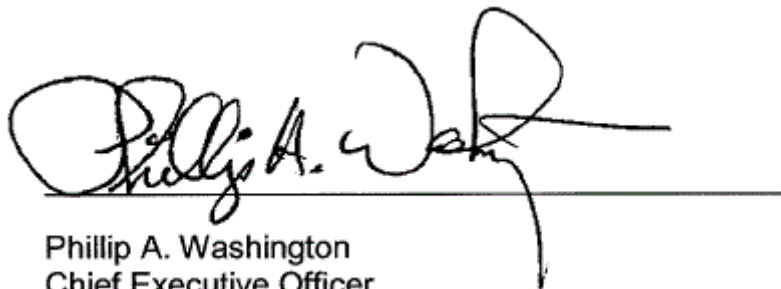
Attachment A - Quarterly Change Orders Report for Reporting Period of June 1, 2020 - August 31, 2020.

Prepared by:

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- **Westside Purple Line Ext 1** - James Cohen, EO Project Mgmt., (323) 900-2114
- **Westside Purple Line Ext 2** - Michael McKenna, EO Project Mgmt., (424) 551-4447
- **Westside Purple Line Ext 3** - Kimberly Ong, EO Project Mgmt., (424) 551-4501
- **Division 20 Portal** - Rick Meade, Sr. EO Project Mgmt., (213) 922-7917
- **Patsaouras Plaza** - Timothy Lindholm, Sr. EO Project Mgmt., (213) 922-7297
- **Sound Wall Package 11** - Timothy Lindholm, Sr. EO Project Mgmt., (213) 922-7297
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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, 2020 - August 31, 2020)

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-00485	<u>Case 5 Bedding Required by LABOE:</u> Contractor shall provide labor, material, equipment to install Case 5 bedding in-lieu of Case 2 and Case 1 bedding for City of Los Angeles owned sewers and storm drains along the at-grade portions of the Project and for Case 5 bedding in lieu of Metro Rail Standard Drawing US-014 for City of Los Angeles owned sewers and storm drains at the underground stations.	1	5/11/2020	7/10/2020	\$ 740,664.00	\$ 687,500.00
MOD-00498	<u>Security Guard at Arlington Yard and Crenshaw IPMO (RFC-00674 and 00675):</u> Funding for Year 7 in the amount of \$311,712.00 + 1% bond cost of \$3,117.12 = \$314,829.12 to cover costs for armed security guard seven (7) days a week in three (3) eight (8) hour shifts per day. This twenty-four (24) hours security coverage at Arlington Yard and Crenshaw/LAX IPMO is for July 1, 2020, through June 30, 2021.	7	7/29/2020	8/20/2020	\$ 629,568.00	\$ 629,658.00

B) PROFESSIONAL SERVICES CONTRACTS

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-00049.1	<u>(Mott MacDonald) Add Funding and Extend Crenshaw/LAX Phase III DSDC and Phase IV Systems Activation:</u> The existing funding level is extended for Phase III Design Services During Construction (DSDC) and Phase IV Systems Activation for the Crenshaw/LAX	5	7/14/2020	7/28/2020	N/A	\$ 4,416,554.00

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

MOD/CHANGE #	DESCRIPTION	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
MOD-00019	<u>CWO 16 Construction Management Support Service (CMSS) - Additional Funding:</u> The estimated cost of CWO 16 has been revised and the period of performance has been extended through June 30, 2021. The funds allotted and authorized for expenditure is increased by \$6,800,000.	5	N/A	6/23/2020	N/A	\$ 17,924,430.40

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2020 - August 31, 2020)

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

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
CO-00270 cancels & supersedes CO- 00564.1	<u>Park Mesa Heights Paving:</u> Delete and credit to Metro all mid-block paving through PMH between 48th St. and 60th St., including all remaining paving between the intersections. Delete and credit to Metro all remaining adjustments to manholes, handholes, etc., falling within the limits of the deleted paving.	5	Credit between \$1M and \$5M

B) PROFESSIONAL SERVICES CONTRACTS

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

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

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 (June 1, 2020 - August 31, 2020)

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
C0980-MOD-00173	2nd and Broadway Structural Re-Analysis, Load Transfer System, and Relocated Stairway/Shafts – Design Only	5	6/19/2020	6/29/2020	\$ 612,939.00	\$ 612,939.00
C0980-CO-0034	Replacement of DWP Conduits and Manholes on Flower St between 5th and 6th Street	5	N/A	7/20/2020	TBD	\$ 500,000.00

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-00183	DWP Switch Room 1/C & 2/H-Construction	5	Between \$500K and \$1M

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, 2020 – August 31, 2020)

A. DESIGN BUILD CONTRACT - CONTRACT NO. C1045 - SKANSKA-TRAYLOR-SHEA, A JOINT VENTURE							
Change Types: 1 - Betterment 2 - Third Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value Engineering 7 - Safety							
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	
MOD 111	Wilshire/Fairfax - Paleo Zone Modified Limits (CN-00126.1): The contract required that the Wilshire/Fairfax Station excavation in the identified paleo zone be restricted to six inch lifts to allow for identification and protection of any paleo artifacts. The actual paleo zone identified by the Metro paleontology consultant was more extensive than anticipated in the base contract.	3	4/28/2020	6/2/2020	\$ 9,518,396.00	\$ 4,917,392.00	
MOD 115	LADWP Room Change at La Brea and Fairfax Stations (CN-00106.2) - Engineering redesign was necessary to include recent LADWP switch and metering room requirements including additional man doors, overhead roll up doors, cables, conduits and drainage system.	4	5/7/2020	6/2/2020	\$ 753,717.00	\$ 642,681.00	
MOD 118	Wilshire/Western - Additional SOE Design Work Due to Deviation Request (CN-00084): Provides new/revised criteria that the Contactor must now use for the design and evaluation of the Support of Excavation (SOE) for the Wilshire/Western Retrieval Shaft.	5	8/4/2020	8/31/2020	\$ 572,152.00	\$ 520,032.00	
A. DESIGN BUILD CONTRACT - CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP							
	None						
B. PROFESSIONAL SERVICES CONTRACTS							
MOD 04	None	5	06/30/20	7/2/2020	\$ 664,283.00	\$ 652,039.00	
C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS							
	None						

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2020 – August 31, 2020)

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-00161.1	<u>REACH 3 - Supplementary HDD Investigation at Wilshire/San Vicente Area</u> : As part of Metro's effort to mitigate TBM stoppage, Horizontal Direction Drilling (HDD) is performed at potential oil well locations, prior to the arrival of the TBMs, to ensure the tunnel envelope is clear. During HDD of the Wilshire/San Vicente Intersection area, an anomaly was discovered just outside the potential oil well zone. This CN allows the contractor to perform additional horizontal and vertical drilling investigations in this area.	5	Between \$500K - \$1M
CN-00164	<u>Chemical grouting at Wilshire/San Vicente Area</u> : This CN covers the cost to install two chemical grouting blocks within the tunnel envelopes of BR and BL tunnels at the Wilshire/San Vicente intersection. These grout blocks provide ground stabilization in the area of possible hand mining work that will occur in front of the TBM to remove potential metal anomalies within the tunnel envelope to avoid damage to TBM's cutting tool.	5	Between \$5M - \$10M

A. DESIGN BUILD CONTRACT - CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP			
	None		

B. PROFESSIONAL SERVICES CONTRACTS			
	None		

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS			
	None		

WESTSIDE PURPLE LINE EXTENSION, SECTION 2 PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2020 - August 31, 2020)

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. C1120

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
MOD-00080	Demobilization and Remobilization due to COBH Moratorium: The C1120 design builder was required to comply with the City of Beverly Hills (COBH) holiday moratorium between Thanksgiving and New Year's Day, which was not a prior City policy, not a part of the contract package, and was negotiated into the Memorandum of Agreement (MOA). As part of the requirement, the COBH requested that all equipment, barriers, traffic control signs, and signals be removed from Wilshire Blvd and to restore the streets to their original state. The Contractor was also required to remove from the site or provide temporary storage for equipment and materials which do not fit in either of the two staging yards located at North Canon and Reeves.	5	1/31/2020	6/19/2020	\$ 1,854,510.00	\$ 1,698,253.00
MOD-00083	MOA Impact to WRS North Side Piling Work at City of Beverly Hills: The purpose of this Change was to compensate the contractor for impacts to piling operations on the north side of the Wilshire/Rodeo Station box, resulting from construction work restrictions in the City of Beverly Hills (COBH) Memorandum of Agreement (MOA). These restrictions were not included in the C1120 Contract because negotiations for the MOA for Section 2 of the Purple Line Extension were delayed by the City until the MOA for Section 1 was executed, which occurred after award of the C1120 Contract. The RFP for Section 2 was based on the draft final MOA for Section 1, however the City subsequently imposed additional restrictions for the Wilshire/Rodeo Station. Mitigation requirements included: restrictions to work hours, additional mitigation measures, lane closures and haul route restrictions.	5	6/17/2020	7/9/2020	\$ 827,507.00	\$ 823,903.00
MOD-0087	Resolution of Claim 11-Adjustment of Modification MOD-00005 Alternative for a Precast for Steel Special Tunnel Lining: The purpose of this Change was to adjust the final value of Value Engineering Proposal Modification 5 "Alternative for a Precast for Steel Special Tunnel Lining" (C1120-MOD-00005) by accounting for adjustments due to necessary changes from the original proposal which were a result of design development which could not have been foreseen at the time of the original Mod due to the unique and complex nature of the VECP.	5	6/24/2020	7/31/2020	\$ 2,654,890.00	\$ 2,533,545.00

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 (June 1, 2020 - August 31, 2020)

A. DESIGN BUILD CONTRACT - C1120			
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
TBD	Continuation of Engineering Support Services during Construction for WPLE 2	5	TBD

C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
TBD	Continuation of Construction Management Support Services for WPLE Section 2	5	TBD

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 (June 1, 2020 - Aug 31, 2020)

Change Types:

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

A. DESIGN BUILD CONTRACT - CONTRACT No. C1151

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
C1151-MOD-00004.1	Ground Water Treatment Plant Upgrades	3	N/A	6/30/2020	\$ 1,411,157.00	\$ 1,087,504.00
C1151-MOD-00005	Addition of Sepulveda Staging Area	5	N/A	7/31/2020	\$ 2,908,321.00	\$ 2,612,951.00

A. DESIGN BUILD CONTRACT - C1152

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

A. DESIGN BUILD CONTRACT - C1153

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
	Contract Closed					

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					

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2020 - August 31, 2020)

A. DESIGN BUILD CONTRACT - C1151

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
C1151-CO-00009	Raise Vertical Tunnel Alignment	7	\$1.0 M - \$2.0 M

A. DESIGN BUILD CONTRACT - C1152

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
C1152-CN-00014	Delete SCE Power Conduits at Const. Staging Area (Const)	5	(\$2.0M - \$3.0M) Credit

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 (June 1, 2020 – August 31, 2020)

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 (if the change is a unilateral, explain in BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

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

	None					
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B. PROFESSIONAL SERVICES CONTRACTS - CONTRACT NO. AE66758000 T.Y.LIN INTERNATIONAL

	None					
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C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS- CONTRACT NO.MC074 ANSER ADVISORY MANAGEMENT LLC

4	One Santa Fe Tenant Improvement IPMO Office/CM support for additional Services				5	\$ 3,172,792.00
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II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2020 – August 31, 2020)

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

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
002	Temporary cleaning platform; transfer of scope from C1193 to C1136 and existing testing requirements	5	\$ 3,200,000.00
003	Long lead procurement (manholes and special trackwork)	5	\$ 720,000.00
005	Railroad Agreements	2	\$ 500,000.00

B. DESIGN BID BUILD CONTRACT NO. C1184 - C3M

	None		
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C. PROFESSIONAL SERVICES CONTRACTS- CONTRACT NO.AE66758000 T.Y.LIN INTERNATIONAL

	None		
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D. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS - CONTRACT NO.MCO74 ANSER ADVISORY MANAGEMENT LLC

6	Additional Labor provided to support MTA's Train Operations team	7	\$ 12,662,006.00
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PATSAOURAS PLAZA PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (June 1, 2020 - August 31, 2020)

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 BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (June 1, 2020 - August 31, 2020)

A. DESIGN BUILD CONTRACT - C0970 Patsaouras Plaza Busway Station - OHL

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
TBD	This Contract Modification represents the Settlement Agreement between Metro and the Contractor, OHL USA, Inc., to resolve the following items. 1) 2019/2020 Construction Delays 2) Potential Change Orders 3) Global Impact and Inefficiencies 4) Revised contract completion date	4	\$ 625,000.00

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		