



**Metro**

Los Angeles County  
Metropolitan Transportation Authority

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April 4, 2020

TO: BOARD OF DIRECTORS

THROUGH: PHILLIP A. WASHINGTON *PAW*  
CHIEF EXECUTIVE OFFICER

FROM: RICHARD CLARKE *RFC*  
CHIEF PROGRAM MANAGEMENT OFFICER

SUBJECT: PROGRAM MANAGEMENT CHANGE ORDERS LOG

**ISSUE**

The Program Management Department was assigned to provide the Board of Directors with a quarterly Change Orders/Modifications Log including all the change orders/modifications greater than \$500,000 as explained below.

**DISCUSSION**

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.

The change activities for the reporting period between December 1, 2019 and February 29, 2020 are included in Attachment A.

**NEXT STEPS**

The next Change Order Log will cover the period of March 1, 2020 to May 31, 2020.

**CRENSHAW/LAX TRANSIT PROJECT**

**APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2019 - February 29, 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 (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).	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amount
	None					

**PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2019 - February 29, 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
None			

**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 (December 1, 2019 - February 29, 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-CO-0020.3	2nd/Broadway Station Load Transfer System (Design Only)	5	N/A	12/4/2019	TBD	\$ 700,000.00
C0980-MOD-00161	Procure Medium Attenuation Fasteners - Crossover Cavern	5	12/31/2019	1/30/2020	\$ 954,601.00	\$ 954,601.00
C0980-CO-0023.2	Alameda Wye Fan Plant - Construction	5	N/A	2/11/2020	TBD	\$ 6,000,000.00

#### 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 (December 1, 2019 - February 29, 2020)**

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

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
C0980-RFC-00134	Increased Project Security	5	Between \$1 and \$5 Million

**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 (December 1, 2019 – February 29, 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. 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-00091	<u>Wilshire/La Cienega Station - Emergency Generator Enclosure (Design and Construction) (CN-00081.1)</u> : This change allows the contractor to design and install the materials and equipment necessary to improve the aesthetics around the station stand-by generator. This CN is part an agreement with the City of Beverly Hills and is not considered a betterment.	5	10/04/19	12/2/2019	\$ 907,023.00	\$ 862,133.00
MOD-00097	<u>Wilshire/La Cienega Station Invert Slab and First Level Walls Advancement (CN-00133.2)</u> : This change includes the cost of advancing the work associated with invert and first level wall concrete placement to accommodate the TBM arrival at the station, which is on the project critical path.	5	12/31/19	2/26/2020	\$ 12,302,979.00	\$ 9,967,332.00
MOD-00098	<u>Additional Air Scrubbers at Wilshire/Fairfax Station (CN-00135)</u> : Contractor provided two additional air scrubbers due to AQMD district's more stringent air quality standards.	5	01/28/20	2/28/2020	\$ 1,163,617.00	\$ 976,744.00

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

	None				
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**B. PROFESSIONAL SERVICES CONTRACTS**

	None				
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**C. CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

	None				
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2019 – February 29, 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
TBD	System: Train-Wayside Communication (TWC) berthing loops at Wilshire/La Brea Station and Wilshire/La Cienega Station: The current TWC system allows for 4-Car and 6-Car trains. This change allows the contractor to include 2-Car trains into the TWC system.	5	Between \$500K - \$1M

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

None			
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**B) PROFESSIONAL SERVICES CONTRACTS**

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

None			
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**WESTSIDE PURPLE LINE EXTENSION - SECTION 2 PROJECT**

**I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2019 - February 29, 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 - 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-00064	<b>Geotechnical Instrumentation Installation and Monitoring for AT&amp;T Building and Beverly Hills High School:</b> Installation of liquid level 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 on the Beverly Hills High School property.	5	11/1/2019	12/17/2019	\$ 1,125,874.00	\$ 904,044
MOD-00070	<b>Design the Relocation of the LABOE Storm Drain at Century City Constellation Station:</b> This modification provides for the design to relocate the LABOE storm drain, sanitary sewer, support of excavation, and ancillary station rooms and improvements at the Century City Constellation Station based upon a previous modification to relocate the station OPE gratings from private property to within the public right of way.	5	1/27/2020	2/28/2020	\$ 1,126,476.00	\$ 684,973

**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 (December 1, 2019 - February 29, 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
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 (December 1, 2019 - February 29, 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 - 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-00001	Revise the Tail Track Exit Shaft Location from the U.S. Army Reserve to the Veterans Affairs (VA) Property	5	N/A	1/17/2020	\$ 14,754,320.00	\$ 11,217,006.00

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
None						

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 (December 1, 2019 - February 29, 2020)**

<b>A) DESIGN BUILD CONTRACT - C1151</b>			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
C1151-MOD-00002	Time Extension (95 Calendar Days) and Compensable Delay - Access to the VA Site for Tail Track Exit Shaft Relocation	5	\$ 1,567,500.00
C1151-CN-00005	Increase Ground Water Treatment Plant Capacity at Tail Track Exit Shaft (TTES)	3	\$500K - \$1.0M

<b>A) DESIGN BUILD CONTRACT - C1152</b>			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
None			

<b>A) DESIGN BUILD CONTRACT - C1153</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
None			

<b>C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS</b>			
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 (December 1, 2019 - February 29, 2020)**

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

Change Types:

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

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						
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**C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS**

None						
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**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2019 - February 29, 2020)**

A) DESIGN BUILD CONTRACT - Contract C1081 Metro Blue Line Resignalling - Mass Electric			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
Updated CN 6.1 (Replaces CN 6 reported last quarter)	Train Control at Florence C&S Bungalow: 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	\$ 1,500,000.00

B) PROFESSIONAL SERVICES CONTRACTS			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
SECOTRANS - Task Order 6 (Mod 4)	Design Support During Construction - Project will issue a Mod 4 for approximately 825,000	5	\$ 825,000.00

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
None			

## METRO BLUE LINE - TRACK REFURBISHMENT PROJECT

### I. APPROVED MODIFICATIONS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (December 1, 2019 - February 29, 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 C1168 Metro Blue Line Track Reurbishment						
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
CO 12/12.1 (CN 4.1)	<p><u>Updated 7th/Metro Crossovers Trackwork Design:</u>                      Contractor to procure and provide signage for W/RP</p> <p>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	9/6/2019	12/24/2019	First 1,123,125 then 2,248,935	\$ 500,000.00

B) PROFESSIONAL SERVICES CONTRACTS						
	None					

**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2019 - February 29, 2020)**

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

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 (December 1, 2019 - February 29, 2020)**

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

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 18 (previously CO 14)	Update Specifications REC1 / REC 3 / Bulletin 3 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.	5	N/A			\$ 2,029,549.00 (includes initial 700K given under CO 14)

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
Wire Transfer 11632	Real Estate Settlement - Vendor: Planned Parenthood Los Angeles Settlement for loss of Goodwill	2	2/5/2020	2/12/2020	N/A	\$ 1,241,000.00



**II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (December 1, 2019 - February 29, 2020)**

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
None			

C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
None			

D) THIRD PARTY AGREEMENTS			
CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
N/A	Real Estate Settlement - Vendor: Planned Parenthood Planned Parenthood - Reconciled Relocation (691,000)		\$ 691,000.00