CRENSHAW/LAX CLOSE OUT PROJECT

I. APPROVEI	D MODIFICATION	NS/CHANGES GREATER THAN \$500K IN THIS REPORTING PERIOD (Septer	nber 1, 2022 - No	ovember 30, 20	22)		
	Change Types:						
		Firid Party 3 - Differing Site Conditions 4 - Regulatory Requirements 5 - Scope 6 - Value E CT - Contract No. C1217 - GRIFFITH COMPANY	ngineering 7 - Safety				
A. DESIG	MOD/CHANGE #	DESCRIPTION	Change Type	Submission	Approval Date	Contractor's Proposed	Approved Amount
	WOD/CHANGE #	(if the change is a unilateral, explain in BOLD fonts)	change type	Date	Approvarbate	Amount	Approved Amount
		None					
B. PROFE	ESSIONAL SERVICE	S CONTRACTS					
		None					
C. CONS	TRUCTION MANAG	EMENT SUPPORT SERVICES CONTRACTS					
		None					

II. PENDING	3 MODIFICATION	S/CHANGES GREATER THAN \$500K (September 1, 2022 - November 30, 2022)		
A) DESI	GN BUILD CONTRA	CT - Contract No. C1217 - GRIFFITH COMPANY		
	CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
		None		
B) PRO	FESSIONAL SERVICE	IS CONTRACTS		
		Vendor TRC Solutions: CLAX-Union Equity Buildings Abatement and Demolition Services – Additional Cost for Schedule Extension of 18 weeks for abatement, demolition, and grading activities. The additional time is attributed to environmental issues and permit delays by the City of Inglewood.	5	Between \$500K and less than \$1M
C) CON	STRUCTION MANAG	GEMENT SUPPORT SERVICES CONTRACTS		
		None		

WESTSIDE PURPLE LINE SECTION 1

П

N BUILD CONTRA	ACT - 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 Amo
CO-13	San Vicente Anomaly Impacts: Executive business decision to provide payment of direct costs (labor, material, equipment, mark-ups, etc.) for the San Vicente Anomaly Differing Site Condition impacts until a recommendation is provided through the Neutral Evaluation process.	3	9/21/2022	8/11/2022	\$236,521,332	\$17,676,690
CO-15	Station Artwork Architectural Glass: This change order is for the Contractor to provide engineering, labor, material, and equipment to procure and install the enhanced artwork beyond the base contract at all three WPLE1 Stations (Wilshire/La Brea, Wilshire/Fairfax, and Wilshire/La Cienega) The scope of the artwork exceeds the funds available in the provisional sums (Schedule B). This change order has been issued so that artwork activities move forward while negotiations regarding price continue.	5	9/21/2022	9/19/2022	N/A	\$4,500,000
CO-16	Wilshire/La Brea Stand-By Generator and Load Bank Procurement: Due to new final design information provided by WPLE2 and WPLE3, WPLE1 has to upgrade its standby generators to a larger size to accommodate the increased generator loads (Emergency Ventilation Fans, Under Platform Exhaust Fans and Station UPS's) at the Wilshire/La Brea Station. This change order is being issued so that the manufacturer can move forward with the procurement and delivery of the generator and the load bank at Wilshire/La Brea Station.	5	9/28/2022	9/23/2022	N/A	\$1,000,000
CO-17	Wilshire/La Cienega Standby Generator and Transformer Procurement: Due to new final design information provided by WPLE2 and WPLE3, WPLE1 has to upgrade its standby generators to a larger size to accommodate the increased generator loads (Emergency Ventilation Fans, Under Platform Exhaust Fans and Station UPS's) at the Wilshire/La Cienega Station. This change order is being issued so that the manufacturer can move forward with the procurement and delivery of the generator and the load bank at Wilshire/La Cienega Station.	5	11/8/2022	11/2/2022	N/A	\$700,000
N BUILD CONTRA	ACT - CONTRACT NO. C1078 - CLARK CONSTRUCTION GROUP					
	None					
SSIONAL SERVIC	ES CONTRACTS					
	None					

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude
CN-00206	Wishire/La Cienega Appendage AA Support of Excavation (SOE) Pile Conflict with AT&T Ductbank: This change compensates the contractor to relocate SOE piles to avoid the existing AT&T duckbank and adjacent building foundation. During potholing activities, it was discovered that SOE piles were in conflict with the existing AT&T ductbank and the adjacent building foundation.	3	Between \$1M - \$5M
CN-00209.1	Traction Power System second Heat Run Test & Transformer Design Tests: This change addresses Metro Engineering's requirement to perform tests of differing utility power input voltages, specifically 34.5kV and 16.34kV, which are not included in the base contract work.	5	Between \$500K and less \$1M
CN-00231	Spare Parts for La Brea and La Cienega Fully Guarded Double Crossovers: Only a portion of the spare parts needed for the fully guarded double crossovers are in the base contract spare parts list. This change allows the contractor to provide all of the spare parts needed for the fully guarded double crossovers at Wilshire/La Brea and Wilshire/La Cienega Station.	5	Between \$1M - \$5M
CN-00235	Expedite Cutterhead Removal at Tail Track: This change is being issued to expedite the removal of the WPLE1 cutterheads at the Purple Line Extension (PLE) Section 1 and 2 grout end block interface. This expedited removal will minimize potential cost/schedule impacts for both WPLE1 and WPLE2 Projects.	5	Between \$1M - \$5M
CN-00238	Wilshire/La Brea SOE Construction Impacts from DR# 07-WPLE1-2016-003: A Design Deviation Request (DDR) was issued in response to the Building Settlement Assessment Design Unit 2 La Brea Station report. As a result of this DDR, some of the steel member sizes have increased. The steel members that had already been procured have to be replaced. This change compensates the contractor for the difference.	5	Between \$1M - \$5M
TRACT NO. C1078 -	CLARK CONSTRUCTION GROUP		
	None		
DFESSIONAL SERVICE	S CONTRACTS		T
	GEMENT SUPPORT SERVICES CONTRACTS		
	None		1

WESTSIDE PURPLE LINE SECTION 2

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amo
CO-00023.2	CCCS Relocated UPE Plenum at Westfield Mall-Design (Unilateral): This Change is for the relocation of the under platform exhaust (UPE) plenum from private property to the public right-of-way (sidewalk) along Constellation Boulevard. It was initiated when Westfield Mall informed Metro that they were no longer interested in constructing their own private entrance to the station. Metro is moving the UPE appendage into the public ROW to avoid the cost of acquiring temporary and permanent easements from Westfield Mall.	5		9/14/2022	\$5,228,000.00	\$2,758,978
CO-00051	WRS Construction of Permanent Power Duct Banks: The scope of this Change is to pothole, complete Final Design, and install Southern California Edison (SCE) duct banks for primary and secondary SCE power feeds to Wilshire/Rodeo Station switchgears, based on a preliminary design provided by SCE which was not a part of the original C1120 contract scope.	5		9/14/2022	N/A	\$5,000,000
CO-00052	WRS MOA Impacts to Excavation after the Full Closure (June 16, 2020 through Nov. 12, 2020). [Unilateral]: The purpose of this Change Notice is to compensate the contractor for impacts from additional construction work restrictions from the City of Beverly Hills (COBH) Memorandum of Agreement (MOA) for the construction work expected to occur after the specific work activities identified and included in MOD-00124– Full Closure of Wilshire Blvd.	2		10/4/2022	\$1,217,000.00	\$1,162,784
FESSIONAL SERVIC	ES CONTRACTS			·	· ·	
	None					

ESIGN BUILD CONTRA	NCT - CONTRACT NO. C1120		
CHANGE	DESCRIPTION	Change Type	Rough Order of Magnitude Cos
NOTICE/ORDER #			
CN-00207	Project Management, Administration, and Compliance Activities Effort for Design Modifications (RFC-000110): This change is to compensate the	5	Between \$1 and \$5 Million
	Contractor for Project Management, Administration, and Compliance Activities for certain Design Services-related Contract Modifications (MODs) and		
	Provisional Sums (PSAs) issued after October 1, 2021 as described in response to RFC-00110.		
ROFESSIONAL SERVIC	ES CONTRACTS		
CN-00081	Continuation of Engineering Support Services During Construction for WPLE Section 2 Project	5	Between \$10 and \$15 Million

WESTSIDE PURPLE LINE SECTION 3

MOD/CHANGE #	T - CONTRACT NO. C1151 (FKTP) DESCRIPTION (if the change is a unilateral, explain in BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amou
C1151-MOD-00007.2	Revisions to Southern California Edison (SCE) Power Connection - This change is necessary because Metro was required to move the construction staging area and Tail Track Exit Shaft from the U.S. Army Reserve site to the Western VA Construction Staging Area (refer to CN-001). In addition, SCE changed their original scheme to require the entire conduit run along Federal Ave to be underground to enhance reliability of the power that will be provided to Metro and the C1151 Contractor.	5	10/20/2022	11/8/2022	\$6,236,425	\$4,217,568
C1151-MOD-00023	Resolution of NOIC #1 (Time Extension for Compensable Delay Relating to Property Access and Relocation to the VA site) - Special Provisions Appendix B provides the Right of Way (ROW) Availability Schedule for the Western VA Tail Track Exit Shoft (Parcel ID: W-S401-4) as NTP+260 calendar days which equates to October 01, 2019; however, the parcel was not fully available until December 1, 2019 due to late property handover from the VA to Metro. The sequence of work for this Contract is in general linear and requires the above location for the construction staging yard prior to starting the tunneling construction which is the main scope of the Work. Consequently, there was no work around available for the contractor to perform since the parcel itself was the primary construction staging location for commencement of the tunnel construction. The late tunnever caused 155 days of delay of which 95 days (MDO 20) were initially recognized by Metro with an extension of contract time as well as the contract's daily compensation rate found in Schedule D for delay, and the remainder 60 days were in dispute. For the purpose of resolving this claim and given the unusual details of such a unique and significant delay and scope change so soon after NTP, this onetime exception resolves the pending claim.	2	9/29/2022	10/7/2022	\$990,000	\$990,000
N BUILD CONTRAC	T - CONTRACT NO. C1152 (TPOG)					
C1152-CO-00035.2	VA Steam Tunnel Size Increase and Redundancy – Construction Only - The base Contract requires relocation of the existing VA steam line/tunnel; however, the Veterans Affairs (VA) Department is requiring an enlarged steam tunnel built to current VA design criteria due to the VA hospital reliance on this Mission critical utility. Metro executed a Memorandum of Understanding (MOU) with the Veterans Affairs (VA) Department in March 2019 as part of the process to acquire easement rights to construct and operate the Westwood/VA Hospital Station. The MOU included requirements for an enlarged steam line tunnel to accommodate the relocated steam line and associated existing utilities and provide accommodations for a future expansion of the steam equipment to meet VA requirements.	2	8/19/2022	10/19/2022	N/A	\$6,400,000
C1152-CO-00064.4	UCLA Sta – Additional Adjacent Development Analysis on SOE - Design Only - A new adjacent development at Wilshire Blvd and Gayley Avenue, which is close to the Metro Station and Entrance at Lot 36, may be constructed during the duration of the Purple Line Extension Section 3 project. The schedule of the adjacent development and design details were not known at the time when the C1152 bid documents were prepared, and therefore, specific requirements to consider the development are not included in the Contract. Given the potential for the development to take place during the construction of the Westwood/UCLA Station, it is necessary for the C1152 contractor to determine if there are any impacts on the station and entrance structures and support of excavation.	5	10/25/2022	11/17/2022	N/A	\$525,963
C1152-CO-00091	VA Sta - Water Supply Loop System at Wilshire/Federal Intersection – Construction Only - FLS MRDC Criteria 2.6.3.2 require that domestic water supply to stations shall be from two public utility mains, this then allows if one of the water mains is out of service, the water from the second main will still provide water to Metro's station. The existing LADWP water supply at Federal Blvd and Wilshire Blvd currently consists of two single water lines that are not connected. The addition of a "loop" will connect the two water lines. In addition, the existing pressure in the LADWP system is not sufficient to provide water to Metro's station, so a portion of the water lines that the loop connects to need to be upsized from 6" to 8" pipes. FLS MRDC Criteria 2.6.3.2 requires water supply main risers be interconnected by an 8 in pipe. The Contractor has determined that pressure losses across the long run from the Wilshire Bvld/Federal Ave intersection to the Westwood/VA Hospital Station require upsizing the supply mains for fire water from 8-inch to 10-inch pipes.	5	11/10/2022	11/22/2022	N/A	\$950,000
ESSIONAL SERVICES	S CONTRACTS		I	·		
PS54007-TO-008- MOD-00003	Metro Quality Management Consultant (QMC) Services for WPLE 3 Stations and Tunnels Project – FY23 Support - Continuation of Metro required Quality Management Consultant (QMC) contract to develop and apply a Quality Management Oversight (QMO) program to supplement Metro's Quality Management Department and to provide technical expertise in resolving complex issues.	5	10/14/2022	10/26/2022	\$793,241	\$793,241
TRUCTION MANAG	EMENT SUPPORT SERVICES CONTRACTS					
MC073-MOD- 00019.1	Extension of Construction Management Support Services Through Fiscal Year 2023 - Continuation of Construction Management Support Services (CMSS) through FY23. CMSS staff support augments existing PLE 3 Project Management in managing C1151 (Tunnels) and C1152	5	8/18/2022	9/20/2022	\$17,365,102	\$17,365,102

A) DESIGI	N BUILD CONTRA	CT - CONTRACT NO. C1151 (FKTP)		
	CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Cost
		None		
A. DESIGN	N BUILD CONTRAG	T - CONTRACT NO. C1152 (TPOG)		
		None		
B) PROFE	SSIONAL SERVICE	S CONTRACTS		
		None		
C) CONST	RUCTION MANAG	EMENT SUPPORT SERVICES CONTRACTS		
-		None		

DIVISION 20 PORTAL PROJECT

I. APPROVED MODIFICATIONS/CHANGES GREATER THAN	\$500K IN THIS REPORTING PERIOD (September 1, 2022 - November 30, 2022)
Change Types:	

MOD/CHANGE #	DESCRIPTION	Change Type	Submission	Approval Date	Contractor's Proposed	Approved Amoun
	(if the change is a unilateral, explain in BOLD fonts)		Date		Amount	
CO17.4(MOD#37)	First Street Bridge Continuous Monitoring: This UCO covers MOD#37. The Contrator refused to sign the	2			\$3,465,238.00	\$3,465,238
	MOD, wanting Metro to include subcontractor bond costs. Work entails monitoring the displacements		7/5/2022	7/26/2022		
	of the 1st street bridge and automated reading displacements set at intervals and alerts sent to BOE/MTA/Contract and Designer upon exceding set thresholds		7/5/2022	7/26/2022		
	ber with contract and besigner upon excerning set thresholds					
CO 18.3(MOD#48)	1st street bridge, Gold Line/Regional Connector Conduits Relocation: This UCO covers MOD#48. The	5			\$1,037,228.00	\$1,037,228
	contractor refused to sign the MOD, wanting Metro to include subcontractor bond costs. Work consists					
	of structural and electrical work at 1st street bridge and surrounding area to relocate various traction power and communications conduits and cabling at the Intermediate Pylon and Bent 16		10/3/2022	10/21/2022		
	power and communications conducts and cabing at the internetiate Pyton and bent 10					
122 (CO)	Reduce Third Rail gap Lengths	6	10/19/22	10/31/2022	\$956,294.00	\$956,294
GN BID BUILD CON	TRACT - CONTRACT NO. C1184 - C3M					
	None					
ESSIONAL SERVICE	ES CONTRACTS -CONTRACT NO. AE66758000 T.Y.LIN INTERNATIONAL					
	None					

CHANGE NOTICE/ORDER #	DESCRIPTION	Change Type	Rough Order of Magnitude Co
32.2(CO)	Traction Power Substation(TPSS) Civil and Power changes: Updates to civil/structural/traction power raceway designs of the TPSS and DWP switchgear site. Contractor shall install additional traction power manhole; concrete housekeeping pad for DWP equipment & TPSS foundation embed plates; construct ground grid; Reconstruct ductbanks	6	Between \$500K and less that \$1M
CO 121.1(MOD#57)	Site Improvements for Garfield Yard to Store New Special Trackwork: This unilateral change order (UCO) replaces MOD #57. The contractor refused to sign the MOD, wanting Metro to include subcontractor bond costs. Work consists of site preparation; grading; fencing; security; transportation of materials and yard clean up after special trackwork is installed	5	Between \$1M and \$5M
126(CO)	North Yard Contact Rail Jumper Conduit Stub Up Locations	5	Between \$500K and less tha \$1M
ESIGN BID BUILD CON	TRACT NO. C1184 - C3M		
	None		
ROFESSIONAL SERVICE	ES CONTRACTS- CONTRACT NO.AE66758000 T.Y.LIN INTERNATIONAL		
	None		

AIRPORT METRO CONNECTOR

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Amou
HPH - C1194 Mod 2	Extend Substantial Completion and Closeout Deductive Modification reduces provisional sums and deletes the south turnback, but also adds 113 excusable days to the schedule.	5	11/18/2022	11/29/2022	-\$248,866	-\$571,571
N BID BUILD COM	NTRACT - C1197 - Tutor		-			
	None					
ESSIONAL SERVIC	ES CONTRACTS					
SECOTRANS -	Design Support During Construction (DSDC) for AMC: The Systems Engineering Consultant (SEC) shall provide Systems Engineering, including Design Services During Construction (DSDC), to support the project throughout construction and	5	10/26/2022	11/1/2022	\$1,499,923	\$1,499,923

II. PENDING MODIFICATIONS/CHANGES GREATER THAN \$500K (September 1, 2022 - November 30, 2022)

A) DESIG	N BID BUILD CON						
	CHANGE	DESCRIPTION	Change Type	Rough Order of Magnitude Cost			
	NOTICE/ORDER #						
		None					
A) DESIG	GN BID BUILD CONTRACT - Contract C1197 - Tutor						
		Bulletin 23A - Sewage Ejector:					
	Tutor - C1197 CN 18 Bulletin 23A	The Contractor shall provide all labor, materials, equipment, testing, and work activities related to construction of the work, per the attached Bulletin 23A, and in accordance with the Contract Documents. Work includes, but is not limited to, the installation of an Air Compressor and Pneumatic Pump, a concrete pneumatic pump pit along with access hatches and ladders, and associated appurtenances. 23A - Sewage Ejector:	5	Between \$500K and less than \$1M			
		The Contractor shall additionally coordinate between Metro and the vendor regarding the number of SCADA monitoring points required for this pump system.					
B) PROFESSIONAL SERVICES CONTRACTS - DSDC Gruen							
		None					
C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS							
		None					

RAIL TO RAIL

change types.			
1 - Betterment	2 - Third Party	3 - Differing Site Conditions	4 - Regulatory Regu

MOD/CHANGE #	DESCRIPTION (if the change is a unilateral, explain in BOLD fonts)	Change Type	Submission Date	Approval Date	Contractor's Proposed Amount	Approved Am
Mod 7- CO 1.2 CN 1 CONTRACTOR DID NOT SIGN MOD 7	CO 1. the CO 1.1. now CO 1.2: Soil Remediation West of Inskeep Avenue Soil was found to be "hazardous" not "contaminated" and contractor has to be reimbursed for the higher cost of disposing of such soil. Onsite Track Impacted Soil Remediation between Inskeep Ave and 11th Ave Contractor to provide the required labor, material, and equipment necessary to handle and treat the remaining Track Impacted Area non-RCRA/Cal-Haz soils onsite and hot spots areas. The track impacted area is approximately 15,650 cubic yards. The width is approximately 9 feet from track centerline in both directions, and depth is 1.5 ft. Time extension and any associated time related overhead shall be addressed by a future change, if applicable.	5	10/26/22	10/27/2022	\$7,787,685	\$7,787,68
FESSIONAL SERVICES CONTRACTS						
HDR AE59600 TO 12 Mod 2	Design Support During Construction HDR TO 12 Mod 2 under Contract AE59600 (Andi Wang's contract) is to provide design support during construction for the duration of construction contract C1166.	5	10/20/2022	10/26/2022	\$647,004	\$647,004

II. P	ENDING MODIFICA	ONS/CHANGES GREATER THAN \$500K (September 1, 2022 - November 30, 2022)						
_	A) DESIGN BUILD COM	N BUILD CONTRACT - Contract C1166 - Rail to Rail (Griffith)						
	CHANGE NOTICE/ORD	DESCRIPTION R #	Change Type	Rough Order of Magnitude Cost				
		None						
A. DESIGN BUILD CONTRACT - CONTRACT NO.								
		None						
	B) PROFESSIONAL SERVICES CONTRACTS							
		None						
	C) CONSTRUCTION MANAGEMENT SUPPORT SERVICES CONTRACTS							
		None						