



Board Report

File #: 2016-0980, File Type: Agreement

Agenda Number: 48

REVISÉ
PLANNING AND PROGRAMMING COMMITTEE
JANUARY 18, 2017
CONSTRUCTION COMMITTEE
JANUARY 19, 2017

SUBJECT: CRENSHAW/LAX TRANSIT PROJECT AND AIRPORT METRO CONNECTOR ACCOMMODATIONS

ACTION: APPROVE CONTRACT MODIFICATION FOR 96TH STREET ACCOMMODATIONS AND COST/SCHEDULE IMPACTS AGREEMENT

RECOMMENDATION

CONSIDER:

- A. AUTHORIZING the Chief Executive Officer (CEO) to negotiate and execute contract modification(s) to Contract No. C0988 with **Walsh/Shea Corridor Constructors (WSCC)**, for **final costs associated with construction on accommodations so as not to preclude a future Light Rail Transit (LRT) Station at 96th Street** and implement an agreement on critical cost and schedule impacts in an amount of \$59,150,000 increasing the total contract value from \$1,311,627,532 to \$1,370,777,532, no impact to Crenshaw/LAX Project Life-of-Project Budget;
- B. AMENDING the FY17 budget by \$28,600,000 for Project 460303 Airport Metro Connector Accommodations from \$10,760,760 to \$39,360,760 for the allocable portion of its costs related to the \$59,150,000 under Recommendation A; and
- C. AUTHORIZING the CEO for a pilot period of 1 year to negotiate and execute project-related agreements, including contract modification(s) up to the authorized Life-of-Project budget, to streamline project management of the Crenshaw/LAX Transit Project subject to monthly reporting requirements, that would include any pending project-related agreements, change orders/contract modifications and any significant changes to contract contingency to the Board of Directors. This action would allow the board to see in advance all project-related agreements and change orders.

ISSUE

WSCC commenced construction of the accommodations so as not to preclude a future LRT Station at 96th Street in July 2016. Metro and WSCC have completed negotiations for the direct, indirect and delay impact costs associated with the Crenshaw/LAX Transit Project constructing the accommodations. Board authorization is requested to provide funding to modify the WSCC contract to allow construction to be completed and implement the agreement on cost and schedule impacts for the accommodation scope of work and to gain commitment from WSCC to complete Contract work for a fall 2019 Revenue Operations Date.

DISCUSSION

Accommodations so as not to preclude a future LRT Station at 96th Street

On May 28, 2015, the Board approved Design Option 3 for the Crenshaw/LAX track alignment so as not to preclude a future LRT Station at 96th Street. Subsequently, staff issued change orders to Walsh-Shea Corridor Constructors (WSCC), Metro's Crenshaw/LAX Transit Project design-builder, for engineering design services to incorporate the design changes for Option 3. The design modifications increased construction costs specifically associated with the required accommodations. On June 23, 2016, the Board approved funding to commence construction on the accommodations so as not to preclude a future LRT Station at 96th Street. Metro has now concluded negotiations with WSCC for the direct, indirect and delay impact costs associated with the Crenshaw/LAX Transit Project constructing the accommodations.

Underground Stations Deluge Impacts

Metro and WSCC have concluded negotiations to resolve cost impacts for the addition of an underground station deluge system within the Expo/Crenshaw Station crossover area. This system is required for Fire Life Safety requirements. The value represents a negotiated agreement.

Critical Cost and Schedule Impacts

Metro and WSCC have concluded negotiations to resolve schedule and cost related disputes that occurred during the first three years of the Contract with WSCC.

The schedule component of the agreement includes all time related matters for the first three years of the Contract through October 24, 2016. As part of the agreement, WSCC has submitted a Completion Schedule, that Metro has accepted, which provides a detailed description of how WSCC and Metro will collaboratively work together to complete the remaining project scope of work. WSCC has committed to Metro to complete Contract scope of work to support Metro in maintaining a fall 2019 Revenue Operations Date. This commitment by WSCC allows Metro to maintain the commitment made in the TIFIA loan document of completing the Crenshaw/LAX Transit Project by fall 2019. Another advantage of this commitment by WSCC to a fall 2019 Revenue Operations Date is that Metro and supporting staff cost can be maintained at its planned level that otherwise would have to be increased if a later Revenue Operations Date was established. Therefore, this decreases

the Project risk for additional cost increases.

Attachment “D” identifies the WSCC issues and amounts related to cost and schedule impacts that are included in the agreement. Attachment “E” identifies the Metro issues and amounts such as requests for cost and time credits that are included in the agreement. Both WSCC and Metro continue to have the right to pursue previously submitted non-time related cost impacts that are not identified as resolved by the agreement in either Attachment D or E.

Project Authority Levels

The Crenshaw/LAX project like many Metro mega projects, is a fast-moving, challenging and complex design-build project. Quick decision-making is required to take advantage of cost and scheduling opportunities and to keep the project moving. A lengthy change order approval process is not consistent with the needs of a large, design-build project and is being addressed at the staff level. Part of the process is the requirement to receive Board of Directors approval for changes above a specified threshold. On the Crenshaw/LAX Project, this threshold is for any change above \$1 million.

As Metro projects have grown in size and complexity over the years, the authorization levels have not kept pace with the demands of the projects. On a large mega-project, the thresholds requiring approval are easily exceeded. The need to bring a contract modification to the Board for approval can add two months to the schedule when contractors could have started the work immediately. This time can be critical to project schedules and risks exposure to extended overhead payments due the contractor, should the project be delayed.

As mentioned in the most recent Los Angeles Construction Market Analysis Update received by the Board in September 2015, contractors have indicated that delays in processing changes to be a significant risk when working on Metro projects. As a result they have had to include contingencies in their proposals to address this risk. This delay also puts DBEs subs at risk of not receiving timely payment for work performed.

The cost to the Crenshaw and Regional Connector projects for schedule delays ranges from \$3.3 to \$5 million per month for a total of \$6.6 million to \$10 million for a 2-month delay. Much of this delay can be avoided if Board approval was not required prior to implementing a change.

Therefore, staff is proposing CEO authority, as a one-year pilot, to execute contract project related agreements including contract modifications up to the Life of Project budget subject to monthly reporting requirements, that would include any pending project-related agreements, change orders/contract modifications and any significant changes to contract contingency. This action will allow the Board to see in advance all project-related agreements and change orders but would allow the staff the flexibility, responsibility and authority to manage this large, fast moving project consistent with the need for rapid decision-making and Project Schedule. Any change that results in a LOP budget increase would still require Board approval, which is the most critical aspect of managing

projects. This approach is consistent with other transit agencies including San Jose, Seattle, and Denver.

In addition, staff would continue to report on the project budget, project labor agreement and small business/disadvantaged business compliance as part of the monthly updates to the Construction Committee and the detailed monthly reports that are issued to all stakeholders including the Board.

The benefits of this action:

- Provides staff with the flexibility, responsibility and authority to manage this large, fast moving project consistent with the need for rapid decision-making and project schedule.
- Still requires approval for any action requiring a LOP budget increase.
- Keeps the big picture focus on overall project budget management as opposed to detailed change orders.
- Consistent with industry best practices for time sensitive, effective project management.

DETERMINATION OF SAFETY IMPACT

This Board action will not have an impact on established safety standards.

FINANCIAL IMPACT

Under recommendations 1 and 3, distinct financial impacts arise from the cost and schedule impacts Agreement affecting the Airport Metro Connector Project Accommodations (460303) and the Crenshaw/LAX Transit Project (865512).

Airport Metro Connector (AMC) Accommodations

If recommendations A and B are approved, \$28,600,000 will be added to the FY17 budget under Project 460303, AMC Project Accommodations, in Cost Center 8510, Program Management-Construction Procurement. Added to the previously approved \$7,400,000 from the June 2016 Board action, brings the total FY17 funds required for this effort to \$36,000,000. Although WSCC is the design-build contractor for the Crenshaw/LAX Transit Project, this recommendation is funded by the AMC Project (460303). The Crenshaw/LAX Transit Project Life-of-Project budget is a separate allocation.

Crenshaw/LAX Transit Project

If recommendation A is approved, the Crenshaw/LAX Transit Project (865512) will fund two items of the cost and schedule impacts Agreement as follows: 1) Underground Stations Deluge for \$650,000 and 2) Critical Cost and Schedule for \$29,900,000. The combined total of \$30,550,000 is included in the adopted FY17 budget for Project 865512, Crenshaw/LAX Transit Project, in Cost Center 8510, Program Management-Construction Procurement. The Crenshaw/LAX Transit Project FY17 and Life-of-Project budget is not impacted by this action.

Under existing Project Contingency Management policy, staff is required to inform the Board when project contingency is drawn down below the 3% project reserve line. The funding for this action of \$30,550,000 draws down from the Project 865512, Crenshaw/ LAX Transit Project contingency cost element and total project contingency remains above the reserve line upon approval of this Board action. Since this is a multi-year project the Chief Program Management Officer and the Project Manager will be responsible for budgeting in future fiscal years.

Impact to Budget

Measure R 35% is the planned funding source for the \$28,600,000 AMC Accommodations allocation. Existing Project contingency within the Crenshaw/LAX Transit Project Life of Project Budget will be used to fund the \$30,550,000 allocation of the Claims Agreement. Funding sources for the Crenshaw/LAX Transit Project include; Federal STP, CMAQ, State Proposition IB, Proposition A 35% and Measure R 35% as identified in the Crenshaw/LAX project funding plan. The FY17 budget does not include any Prop A 35% funds which are eligible for rail operations and capital projects. The other Crenshaw fund sources are not eligible for bus and rail operating expenditures as they have been programmed to support the Life of Project Budget plan. No other funds were considered.

ALTERNATIVES CONSIDERED

For the 96th Street accommodations, the Board may elect not to approve the negotiated final costs, including resolution of delay impact costs. Staff does not recommend this alternative since the Board in June 2016 approved beginning construction of the accommodations and construction is underway. Any delay would further impact the schedule to complete construction of the Crenshaw/LAX Transit Project and jeopardize the Project from maintaining the fall 2019 Revenue Operations Date.

The Board may elect to defer approval of the resolution of cost and schedule impacts at this time. Staff does not recommend this alternative for the Crenshaw/LAX Transit Project. Historically, cost and schedule impacts not addressed timely have increased in value over time when deferred. WSCC has, based on the agreement resolving the cost and schedule impacts, committed to complete Contract work to support Metro in maintaining a planned fall 2019 Revenue Operations Date. If the outstanding cost and schedule impacts are not resolved at this time, the associated delay cost may be higher as the costs tend to escalate with time. Also, if the contract modification for the agreement is not executed at this time, the current planned date of fall 2019 Revenue Operation Date would be in jeopardy.

NEXT STEPS

Upon Board Authorization, staff will proceed with issuing the required modifications to WSCC's contract.

ATTACHMENTS

Attachment A - Procurement Summary
Attachment B - Contract Modification/Change Order Log
Attachment C - DEOD Summary

Attachment D - WSCC Claims/Request for Changes included in Agreement

Attachment E - Metro Request for Credit included in Agreement

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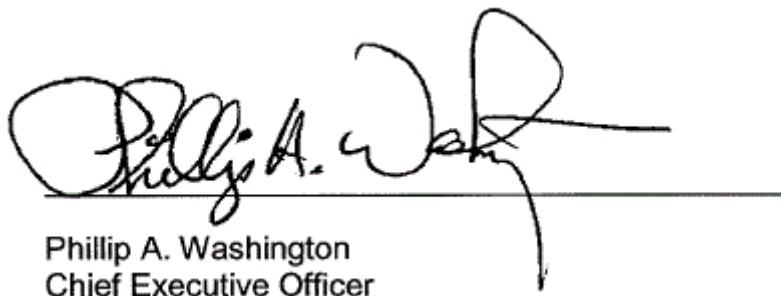
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Phillip A. Washington
Chief Executive Officer

PROCUREMENT SUMMARY

CRENSHAW/LAX TRANSIT PROJECT/ C0988

1.	Contract Number: C0988 – Crenshaw/LAX Transit Corridor Design-Build		
2.	Contractor: Walsh/Shea Corridor Constructors		
3.	Mod. Work Description: Design and Engineering, 96th Street Station accommodation, Excavation of EXPO and MLK Stations, South bore tunnel, replace sewer at Expo, protect-in-place both the LADWP electrical ductbank at Manchester and the Central Outfall Sewer at the I-405.		
4.	Contract Work Description: Design and construction the Crenshaw/LAX Light Rail Transit System.		
5.	The following data is current as of: October 31, 2016		
6.	Contract Completion Status:		
	Bids/Proposals Opened:	6/12/12	% Completion \$s: 53.4%
	Contract Awarded:	6/27/13	% Completion time: 61.4%
	NTP:	9/10/13	Original Contract Days: 1824
	Original Complete Date:	9/08/18	Change Order Days: 41
	Current Est. Complete Date:	5/1/19	Suspended Days: 0
	Total Revised Days:		1865
7.	Financial Status:		
	Contract Award:	\$1,272,632,356.00	
	Total Contract Modifications Approved:	\$38,995,175.59	
	Current Contract Value:	\$1,311,627,531.59	
	Contract Administrator: Frederick Origel Director, Contract Administration		
	Telephone Number: (213) 922-7331		
8.	Project Manager: Charles Beauvoir, S.E. Deputy Executive Officer, Project Management		Telephone Number: (213) 922-3095

A. Contract Action Summary

This Board Action is to approve Contract Modifications for the design and construction of the necessary accommodations for the future 96th Street Station, and approve claims resolution agreements in support of the Crenshaw/LAX Transit Design-Build Project.

Contract No. C0988 is a firm-fixed price type contract awarded in June 2013, in the amount of \$1,272,632,356 to Walsh/Shea Corridor Constructors (WSCC). WSCC was the highest rated proposer of four qualified design-build teams that submitted proposal and its proposal was determine to provide the best value to Metro. The Federal Transit Administration (FTA) defines best value as “the overall combination

of quality, price and other elements of a proposal that, when considered together, provides the greatest overall benefit in response to requirements described in the solicitation documents.” The Contract was awarded on June 27, 2013, with an original substantial completion date of September 8, 2019. The substantial completion date will be revised to May 1, 2019 upon Board approval of the recommended actions.

A total of 240 Modifications have been approved totaling \$38,995,175 and 28 contract modifications estimated at \$68,910,969 are pending, including the recommended contract modifications in this board item. The approved and pending contract modifications are listed in Attachment B.

B. Cost/Price Analysis

96th Street Station Accommodations Direct Cost

The recommended price for the design and construction of the 96th Street Station accommodation has been determined to be fair and reasonable in accordance with Metro Procurement Policies and Procedures. The negotiated process included, but was not limited to, fact finding, technical evaluation, development of an independent cost estimate (ICE), and cost analysis.

Change Description	Proposal amount	Metro ICE	Negotiated
Design and Construct accommodations for the Light Rail Station at 96 th Street. (Direct Cost – No Delay Cost)	\$17,833,687	\$9,524,580	\$10,400,000

Claims Agreement

WSSC and Metro agreed to fully and finally resolve certain claims, including the delay impact costs associated with change work to accommodate a future 96th Street Station for a lump sum amount of \$56,150,000. The claims are identified in attachments D and E. Attachment D identifies the WSSC issues and costs related to Request for Changes and Claims. Attachment E identifies Metro issues and costs against WSSC for scope and time credits. Included in the agreement price is \$650,000 to design and construct a water-based car deluge system for the underground station guideways at Vernon (Leimert), Martin Luther King, and Exposition Stations. The car deluge system will suppress a fire from a stalled Metro light rail vehicle (LRV).

ATTACHMENT B

**CONTRACT MODIFICATION / CHANGE ORDER LOG –
CRENSHAW/LAX TRANSIT PROJECT / C0988**

Mod. No.	Description	Status	Cost
1	Administrative Change - Update Special Provision SP -05- Notice and Service and SP-06-Insurance Requirements	Approved	No Cost
2	Administrative Change - Technical Reports Part 6.3 PSR/PR	Approved	No Cost
3	CPUC Application	Approved	No Cost
4	Administrative Change - Revised Contractor's Mailing address	Approved	No Cost
5.3	Clarification of Schedule F Applicability	Approved	No Cost
6	Administrative Change – Update Metro Rail Directive Drawings	Canceled	Canceled
7	Design -Aviation/Century Station – Pedestrian Vertical Circulation	Approved	\$366,400.00
8	Design - Century Boulevard Future Right Turn Lane (LAWA)	Approved	\$47,820.00
9	Design -Protect for Future Transport. Corridor at 98th Street	Approved	\$120,458.00
10	Update Volume 1: Form of Contract, Volume 4: Metro Specifications and Volume 5: Metro Rail Design Criteria	Canceled	Canceled
11	Special Events Traffic Control Site Improvements	Approved	\$26,754.00
12	Design Fare Gates At-Grade Latching	Approved	\$239,000.00
13	Construction of Fare Gates At-Grade Latching	Approved	\$2,310,000.00
14	Hazardous Material Abatement Parcel	Approved	\$260,338.90
15	Hazardous Material Abatement Parcel Florence	Approved	\$481,555.20
16	Updated Volume 1, 4, and 7	Approved	No Cost
17	Construction - Century Boulevard Future Right Turn Lane (LAWA)	Approved	\$122,503.49
18	Construction -Protect for Future Transport. Corridor at 98 th St	Approved	\$240,434.34
19	Update MRDC Station Benches	Approved	No Cost
20	Waste Removal Bellanca & Arbor ROW	Approved	\$80,880.00
21	Design Underground Structure HDPE	Approved	No Cost
22	ADA Directional Tile	Approved	No Cost
23	Modify Property Turnover Dates	Approved	No Cost
24	Phone System For Field Office	Approved	\$44,019.07
25	Additional Property Demo, Parcel HS-2706	Approved	\$60,731.85
26	Rail Design Criteria Update – Full Height Platform End Gate	Approved	\$194,412.00
27	Rail Design Criteria Update – LED Lighting	Approved	\$407,242.00
28	Rail Design Criteria Update – Park and Ride Lot ETEL	Approved	\$407,552.00
29.1	Traffic Control Support for DWP Utility Work	Approved	\$113,232.00
29.2	Adjustment Traffic Control for DWP at MLK	Approved	\$112,216.00
30.3	Access for Construction of Temporary Roadway	Approved	No Cost
31	Security Guard – Crenshaw/LAX IPMO	Approved	\$102,757.54
32	ACM Removal Century-Aviation Bridge	Approved	\$55,012.20
33	Revised Steel Canopy Sections	Approved	(\$66,254.00)
34	Temporary Fencing at Avis Property	Approved	\$1,212.43
35	Hazardous Material Abatement Gourmet Food Bldg	Approved	\$341,074.00
36	Hazard Material Abatement-Bldgs /Properties	Approved	\$211,166.00
37	Dispute Review Board Procedures	Canceled	Canceled
38.2	Update Volume 1 Conformed Articles	Approved	No Cost
39.1	Update Vol 1 SP 6 Insurance Requirements	Approved	No Cost

40.1	ADA Tactile Guidance Pathways	Approved	\$565,376.00
40.2	ADA Tactile – Color Change	Approved	No Cost
41	Parking for Florence/West Park & Ride	Approved	\$99,500.00
42	SC Edison Design Engineering	Approved	\$55,606.11
43	HVAC Repair/Replacement LAX IPMO	Approved	\$119,630.00
44	Fencing at ROW Cedar/Eucalyptus	Approved	\$8,695.00
45	Construct HDPE Geo membrane Cushion	Approved	\$697,495.00
46	Striping and Traffic Loops	Approved	\$19,041.13
47	CHP Support for Century Crush	Approved	\$46,566.84
48.2	35 Day Delay – Milestone	Approved	No Cost
49	Hazardous Material Parcels	Approved	\$52,420.00
50	UST Removal – Parcels SW-0103	Approved	\$51,827.00
51	UST Removal-Parcels HS2201/2206 CR3701	Approved	\$176,376.00
52	Update Roll-Up Grilles & Pay Phone	Approved	\$136,597.00
53	Contaminated Soil/Slurry	Approved	\$240,218.00
54	COI Design Serv. Century Crush	Approved	\$14,543.00
55	Security Guard – 24 hour Shifts	Approved	\$82,947.12
56	Station Architectural Standards	Approved	\$69,162.00
57	Millstone Revision Exercise Option 2A & 2B	Approved	No Cost
58.2	Design Extended Track	Approved	\$274,876.55
59	SP 24 Incorporating BAFO Changes	Approved	No Cost
60	Design Accommodations for 96 th St Sept 1,2, Part A	Approved	\$641,378.28
61.1	TIFA Certification Requirements	Approved	No Cost
62	Design Centinela Crossing/Eucalyptus	Approved	\$251,158.00
63	Design Harbor Sub At Grade Lighting	Approved	\$216,080.00
64	Removal of Contaminated Seg A Imperial	Approved	\$1,824.07
65	Capri AC Unit Replacement	Approved	\$22,191.89
66	Unknown UG Obstruction at MLK Phase	Approved	\$30,234.68
67	3rd Party (Conad) Repair on Victoria	Approved	\$1,592.63
68	LADWP Gate and Laydown	Approved	\$1,767.14
69.1	Revised Radio System Frequencies	Approved	\$6,222.00
70	Clarification of Radiating Cable and Assembly Parts	Canceled	Canceled
71	Aviation/Century Temp Sidewalk	Approved	\$18,207.00
72	Hazardous Material Removal at Parcel SW-010CR 3304	Approved	\$33,212.00
73	Dollar Rent A Car Facility Hazardous Material Removal	Approved	\$204,924.00
74	Access to Covered Manholes	Approved	\$200,000.00
75	Design Updated Station Customer Signage Directive Drawings	Approved	\$55,665.00
76	Capri Electrical-Surveillance Camera	Approved	\$19,649.58
77	Relocate LAWA Water Service – Design	Approved	\$50,702.00
78	African Drum Project Tree Removal	Approved	\$2,512.76
79	Update Vol. 1 Indefinite Qty Equipment	Approved	No Cost
80	Contaminated Drilling Slurry Century	Canceled	Canceled
81	Reroute Northrop Bent 1A	Approved	\$20,988.00

82	96th Station West Option Analysis	Approved	\$17,333.52
83	Additional Recurring of Properties	Approved	\$8,331.44
84	MIC Control System	Approved	\$1,076,736.00
85	Delete HS-2001 & 0.1 FM SP 16/17	Approved	No Cost
86	Fence Adjustment at MLK	Approved	\$10,011.21
87	Claim Resolution-Electric Mtrg Switchgear	Approved	\$610,300.00
88	Design 10" & 8" Abandon Lines Crenshaw	Approved	\$18,180.00
89	At Grade Station Ticketing Zone	Approved	\$70,074.00
90	Utility Investigation for 96th Street	Approved	\$35,808.21
91	Additional Security " Taste of Soul"	Approved	\$15,912.55
92	Abandoned 8" and 10" Pipe at Vernon Station	Approved	\$222,752.00
93	Daily Stand By Construction Zone 2/2A	Approved	\$90,000.00
94	Storage Trailer at the Arlington Yard	Approved	\$8,695.00
95	Unknown Concrete Slab Encounter at FCBC Facility	Approved	\$11,032.00
96	Electrical Ductbank Revisions at Exposition Station	Approved	\$541,193.00
97	Continuous Deflection Monitoring Greenline Counterweight Removal	Approved	\$155,461.00
98	Intrusion Detection Access Control Interface	Approved	\$65,926.00
99	16" Gas Pipe ACM Abatement Expo	Approved	\$17,972.98
100	Additional Rebar at Deck Panel	Approved	\$282,386.56
101	Security Guard for Crenshaw/LAX – Year 2	Approved	\$171,919.90
102	Cable Transmission System Update	Approved	\$65,517.00
102.1	Cable Transmission System Update – Add Diagrams	Approved	No Cost
103	Obstructions at Green Line Bent 3 and 4	Approved	\$30,821.00
104	Contaminated Soil – Multiple Locations	Approved	\$387,257.46
105	Century/Aviation Bridge Camera	Approved	\$9,719.00
106	Asbestos Testing Monitoring at Avis	Approved	\$1,894.00
107	Haz Mat Investigation Removal – Car Wash UST	Approved	\$14,541.73
108	Reconfiguration of Traffic Control Plan – La Brea	Approved	\$55,053.00
109	Cedar Encroachment Removal	Approved	\$17,566.00
110.2	Transmit LACMTA Lease Agreement and SWY Turnover Dates	Approved	\$26,533.00
111.1	Crenshaw Blvd. Tree and Landscaping	Pending	\$65,213.00
112	HNTB Design Costs for 96 th Street W. Alignment	Approved	\$920,532.00
113	Centinela Crossing Tree Preservation	Approved	\$45,450.00
114	Claim Resolution – DWP Vault Relocation MLK	Approved	\$125,614.66
115	Deletion of Public Phone	Approved	(\$59,315.19)
116	Harbor Sub Encasement Verification – Non Highlighted Utilities	Approved	\$94,240.13
117	Harbor Sub Encasement Verification – Unknown Utilities	Approved	\$159,743.78
118	Harbor Sub Encasement Verification – Highlighted Utilities	Approved	\$208,350.12
119	Encasement Verification – City of LA	Approved	\$45,448.78
120	Contaminated Oil Removal – UG1 FOG Lines	Approved	\$41,193.00
121	Florence/West Station – Redondo Blvd. Temporary Parking	Approved	\$35,000.00
122	ATC System at Slauson Signals	Approved	\$244,934.50
124.2	City of Inglewood Water Line Relocation	Pending	(\$9,639.95)

125	LKC Design W. Alignment Shift for 96 th Street	Approved	\$217,638.00
126.1	Provisional Sum – Unknown Utility	Approved	\$3,000,000.00
127.1	Modifications for 24" FAA Fiber Optic Duckbank at UG1	Approved	\$134,735.00
128	Greenline Safety Walkway – Design	Approved	\$44,068.00
129	Support of Excavation 2.0 Safety Factor	Approved	\$504,769.00
130	Unique 65 Foot Mast Arm at Aviation Blvd. and Century Blvd.	Canceled	Canceled
131	Unknown Obstructions at 405 Bridge Bent 2	Approved	\$63,480.00
132	Claim Resolution – Traffic Control at LADOT's	Approved	\$155,988.75
133	Design – Eliminate DWP Switchgear at MLK	Approved	\$51,410.00
134	Addition of LATS Time Synchronization	Approved	\$39,880.00
135	Updated Standard Wayside Rail Operation Signage	Approved	\$39,735.00
136	UG 1 Wayfinding – Design	Approved	\$68,548.00
137	LKC Design Accommodations 96 th Street, Step 2 part A	Approved	\$65,132.00
138	Claim Resolution – Install Video Detection Camera	Approved	\$27,216.00
139	Claim Resolution – ATSAC Fiber Optic Relocation at Expo	Approved	\$221,652.00
141	Mitigation Reimbursement (Golf Carts)	Approved	\$14,853.90
142	Design- North Yard Lead Revisions	Approved	\$21,030.00
143	Line Removal at Florence and Isis in Conflict with Storm Drain Installation	Approved	\$4,483.00
144	Removal of Underground Storage Tanks at Florence Properties	Approved	\$69,486.57
145	Remove/Dispose/Burn Contaminated Soils from Expo	Approved	\$487,827.24
146	TPSS No. 2 Upgrade from 1.5 MW to 2.0 MW	Approved	\$46,802.00
147	Unknown Slab at 111 th and Aviation	Approved	\$6,746.00
148	Subsurface Investigation 317 E. Florence	Approved	\$30,087.60
149	Removal of Underground Storage Tank at Expo Yard Excavation	Approved	\$43,876.87
150	Gas Line in Pole Foundation at Arlington and MLK	Approved	\$2,489.41
151	Market Street Catch Basin Tie-in	Approved	\$14,010.00
152	Abandoned 8" and 10" Pipe Environmental Testing UG-4	Approved	\$417,000.00
153.1	Removal of the Track/Rail and Hump at Imperial and Aviation Blvd.	Approved	\$70,128.00
154	18in Sanitary Sewer Relocation at MSE Wall	Approved	\$614,133.00
155	Claim Resolution – TPSS #1 Relocation S. Imperial	Approved	\$91,252.00
156	Qwest Line Relocation	Approved	\$436,312.00
157	Delay Cost at CP-4	Approved	\$115,000.00
158	Vernon ATSAC Relocation	Approved	\$270,555.00
159	Claim Resolution – FAA LAWA Navid Light	Approved	\$125,000.00
160	Pothole & Remove 216in Gas Line	Approved	\$52,000.00
162	Tunneling Requirements	Approved	(\$5,534.40)
163	Claim Resolution – 104 St. Deck Lid – Design	Approved	\$62,000.00
165	Claim Resolution – SWY Removal of Electric Service	Approved	\$25,000.00
168	Bronson Street Vacation	Approved	\$25,039.00
169	Quality Control Inspection	Approved	No Cost
170	Detector Loop Cable Repair 60th & Crenshaw	Approved	\$1,210.00
171.1	Encasement Verification of LA Sewer	Approved	\$10,000.00

172	Unknown Buried Culvert at Centinela	Approved	\$12,970.00
173	Florence/ La Brea Bus Transfer Station	Approved	\$2,200,000.00
174.1	Signal House Monitors	Pending	\$60,476.71
175	LAX Section Time of Day Limit UG-1	Approved	\$54,000.00
176	Claim Resolution -Support of FAA Ductbank UG-1	Approved	\$190,000.00
177	Harbor Subdivision Potholing unknown Utilities at Eucalyptus	Approved	\$17,631.34
178	TBM Lowering Event	Approved	\$28,730.60
180	Board Approved Station Name Change	Approved	\$138,450.81
181	TPSS No.1 New Power Transmission	Approved	\$324,093.00
182	LAWA Storm Drain Monitoring Unit Relocation	Approved	\$26,046.00
184	Claim Resolution - Ballast Retainer Wall	Approved	\$41,426.00
185	Claim Resolution - At-Grade Stations Check	Approved	\$22,197.00
186	Security Guard for Crenshaw/LAX - Year 3	Approved	\$180,990.51
188.1	Claim Resolution - Design Radio Redundancy	Approved	\$250,000.00
189	Revise Street Plans at Hindry Avenue - Design	Pending	\$56,925.00
190.1	Design Signage/Striping at Cedar	Pending	\$17,000.00
191.0	96th Street Station Accommodation - Agreed Direct Cost	Approved	\$1,452,819.57
192	Bones Discovered - Vernon Station	Pending	\$4,875.89
193	Shut Down at MLK Station	Approved	\$123,912.00
194.1	Revise CPUC Striping	Pending	\$2,807.00
195	COLA Roadway and Curb Revision	Approved	\$484,854.54
196	Compensate Time Extension Expo Delay	Approved	\$100,200.00
197	Relocate DWP Water Mains at Crenshaw	Pending	\$54,184.63
199	TWC Routing Through Crenshaw	Approved	\$79,978.00
200	Security Guard for Crenshaw/LAX - Year 2 and 3 Adjustment	Approved	\$127,377.04
201	Design Deluge System at Expo Crossover	Pending	\$650,000.00
202.1	Turnback and Speed Restrictions	Pending	\$356,675.19
203.1	LADOT Parking Lots Improvements	Pending	(\$856.11)
204.1	Design - Tree Well Brick Pavers	Pending	\$16,793.00
205	Walgreens Encroachment Fence	Pending	\$6,754.00
206	Unknown Concrete at Cedar and Oak	Approved	\$4,242.00
207	Metro Right-of-Way Property	Pending	\$425,000.00
208	Unknown Concrete Obstruction at RW75	Pending	\$3,931.17
209	Redondo Stockpile - Unknown Condition	Pending	No Cost
210	Manchester/Florence Aviation Traffic Signal	Pending	\$10,496.83
211	Imperial & Aviation Traffic Signal	Pending	\$22,947.00
212	SCGC Removal at Redondo	Pending	\$55,573.00
213	UST Removal at Pedestrian Underpass	Pending	(\$82.77)
214	Black Tar-like Substance at Arbor Vitae	Pending	No Cost
215	Time Warner Conflict at RW 75	Pending	\$71.99
216	Wally Fence Encroachment	Pending	No Cost
217	Tree Species and Bike Racks	Pending	\$20,110.00
TBD	96 th Street Station Accommodations and Settlement Agreement	Pending	\$66,550,000.00

Change Orders			
CO 18.1	Track Drainage CI Pipe in Lieu of PVC	NTE	\$130,217.00
CO 31	City of Inglewood Water Line Relocation	NTE	\$973,598.00
CO 37.2	Design Hold Out Signals Aviation/Century	NTE	\$50,000.00
CO 38	Abandoned 8" and 10" Pipe Environmental Test and Removal (UG3)	NTE	\$362,500.00
CO 40.2	Relocate LAWA Water Service to 111 th	NTE	532,695.00
CO 41	Design Deluge System at Expo Crossover	NTE	\$0
CO 44.1	UG-1 H2S Ventilation Fans - Design	NTE	\$390,429.00
CO 46.3	Underground Fire Rated Conduit Cable	NTE	\$300,000.00
CO 47	Crenshaw Blvd. Tree and Landscaping	NTE	\$399,308.00
CO 50.1	Turnback and Speed Restrictions	NTE	\$100,000.00
CO 60.1	Revise Street Plans at Hindry Avenue	NTE	\$21,600.00
CO 61	Park Mesa Heights Re-sequencing	NTE	\$300,000.00
CO 62	Encase City of LA Sanitary Sewers	NTE	\$100,000.00
CO 63.1	Civil Revisions for CPUC Striping at West Street	NTE	\$30,000.00
CO 64.1	Crenshaw Landscaped Median Rendering	NTE	\$126,000.00
CO 67.1	Ballast Wall Extension at Eucalyptus	NTE	\$51,395.00
CO 69.2	Unknown 18inch Storm Drain UG-1	NTE	\$22,931.00
CO 71	Credit Crenshaw Tree Permit	NTE	No Cost
CO 72	Removal of 24in Storm Drain at MLK Station	NTE	\$100,000.00
CO 73	Tree Species and Bike Racks	NTE	\$8,000.00
CO 74	Pedestrian Lights Slauson Station	NTE	\$16,000.00
CO 76.2	LADOT Parking Lots Improvements	NTE	\$86,423.00
CO 77	Imperial & Aviation Traffic Signal	NTE	\$12,000.00
CO 78	LADOT Requested Comment Matrix	NTE	\$20,000.00
CO 79	Shortening of Median Island Brynhurs	NTE	\$4,000.00
CO 80	Extended Track - Construction	NTE	\$350,000.00
CO 81.2	96th Street Station Accommodation - Construction	NTE	\$1,000,000.00
CO 82	Harbor Subdivision At-Grade Lighting - Construction	NTE	\$100,000.00
CO 84	Encase ATT Ductbank Near Redondo Blvd.	NTE	\$5,000.00
CO 85	LABSL Requests	NTE	\$140,000.00
CO 86	Relocate DWP Water Mains at Crenshaw	NTE	\$100,000.00
CO 87	UG-1 Raised Walkway - Design	NTE	\$131,287.00
CO 88.1	Remove and Install Driveways at Crenshaw	NTE	\$39,448.73
CO 90.1	Black Tar-like Substance at Arbor Vitae	NTE	\$4,014.75
CO 91	96th Street Station Accommodation - Electrical Requirements	NTE	\$500,000.00
CO 92.1	Support SCGC - Abandon 2" Gas at Brynhurs	NTE	\$7,500.00
CO 93	COI Sewers (UID 1216 & 1263) Design	NTE	\$16,000.00
CO 96	Time Warner Conflict at RW 75	NTE	\$3,570.91
CO 98	Redondo Stockpile - Unknown Condition	NTE	\$4,409.62
CO 101	UST Removal at Pedestrian Underpass	NTE	\$61,063.22
CO 102.1	TPSS #3 Redesign for SCE Power	NTE	\$80,000.00

CO 103	Imperial Non-percentage Pavement Profile	NTE	\$80,000.00
CO 104	Support DWP Water 6" Water Relocation	NTE	\$24,000.00
CO 105.1	Clarify Integration with Green Line	NTE	\$64,225.00
CO 107	UG-1 Raised Walkway - Construction	NTE	\$347,888.00
CO 109	Relocate Concrete with Steel Poles	NTE	\$80,000.00
CO 110	Design At-Grade Station Fencing	NTE	\$120,000.00
CO 111	Wally Fence Encroachment	NTE	\$983.73
CO 112	Removal/Disposal of Asbestos Pipes 255+00	NTE	\$23,314.40
CO 113	Accommodations for Bus Shelter	NTE	\$4,000.00
CO 114	Emergency Ventilation & Egress UG-1	NTE	\$30,000.00
CO 115	Special Permitting Process Impact	Pending	\$508,713.45
CO 116	96th Street Station Accommodations - Additional Ballast Wall	NTE	\$370,040.00
CO 117	Station Signage Revision (ADA)	NTE	\$50,000.00
CO 118	Cameral Install and Removal I405 Time Laps	NTE	\$3,200.00
CO 119	Cable Transmission System Update	NTE	\$168,000.00
CO 120	New Power Transmission TPSS #6	NTE	\$117,220.60
CO 121	Station Architectural Standards - Construction	NTE	\$435,334.00
CO 122	UG-1 Center Walkway Lighted Handrail	NTE	\$75,000.00
CO 123	Segment B-2 North and Central Tree	NTE	\$31,800.00
CO 124	City of Inglewood Sewer (UID 1263) C	NTE	\$76,000.00
CO 125	Florence/West Station – Redondo Blvd. Temporary Parking	Pending	\$15,000.00
CO 126	Grade Crossings Bell Noise Reduction	Pending	\$18,000.00
Subtotal – Approved Modifications & Change Orders			\$38,995,175.59
Subtotal – Pending Changes/Modifications			\$68,910,969.03
Total Mods and Pending Changes (Including this Change)			\$107,906,144.62
Prior CMA Authorized by the Board (including base award and other modifications)			\$144,299,993.00

DEOD SUMMARY

CRENSHAW/LAX TRANSIT PROJECT/C0988

A. (1) Small Business Participation - Design

Walsh/Shea Corridor Constructors (WSCC) made a 20.59% Disadvantaged Anticipated Level of Participation (DALP) commitment for Design. DBE commitments were made to 10 DBE subcontractors at the time of award, and 11 additional DBE subcontractors have been added to-date. WSCC is currently exceeding its commitment for Design with 24.86% DBE participation.

DISADVANTAGED BUSINESS ENTERPRISE ANTICIPATED LEVEL OF PARTICIPATION COMMITMENT	20.59% DALP	DISADVANTAGED BUSINESS ENTERPRISE ANTICIPATED LEVEL OF PARTICIPATION	24.86% DALP
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	Design DBE Subcontractors	Ethnicity	% Committed	Current Participation
1	BA, Inc.	African American	0.61%	0.95%
2	D'Leon Consulting Engineers Corporation	Hispanic American	0.85%	1.42%
3	FPL & Associates, Inc.*	Asian Pacific American	0.41%	0.44%
4	IDC Consulting Engineers, Inc.	Asian Pacific American	0.94%	0.97%
5	Innovative Engineering Group, Inc.*	Asian Pacific American	0.23%	0.29%
6	Libby Engineers, Inc.	Caucasian Female	0.85%	0.99%
7	Lynn Capouya, Inc.	Caucasian Female	0.96%	1.26%
8	MGE Engineering, Inc.	Asian Pacific American	1.48%	1.96%
9	MLA Green Inc	Hispanic American	0.51%	0.40%
10	NBA Engineering Inc	Caucasian Female	0.72%	0.80%

11	Parikh Consultants, Inc.	Asian Pacific American	1.85%	2.58%
12	Sapphos Environmental, Inc.*	Hispanic American	0.02%	0.01%
13	Selbert Perkins Design Inc.	Caucasian Female	0.27%	0.30%
14	T E C Management Consultants, Inc.*	African American	0.41%	0.76%
15	Ted Tokio Tanaka Architects*	Asian Pacific American	0.51%	0.49%
16	Togo Systems, Inc.*	Asian Pacific American	0.46%	0.71%
17	Universal Reproductions Inc. dba Universal Reprographics, Inc.*	Caucasian Female	0.03%	0.14%
18	V & A Inc.	Hispanic American	9.25%	10.18%
19	Y B I Management Services*	African American	0.03%	0.01%
20	YEI Engineers, Inc.*	Asian Pacific American	0.20%	0.12%
21	C & L Drilling Company*	Caucasian Female	Added	0.08%
Total			20.59%	24.86%

¹Current Participation = Total Actual amount Paid-to-Date to DBE firms ÷ Total Actual Amount Paid-to-date to Prime

*DBEs added after contract award

B. (2) Small Business Participation – Construction

Walsh/Shea Corridor Constructors (WSCC) made a 20% Disadvantaged Anticipated Level of Participation (DALP) commitment for Construction at the time of contract award, and made five DBE subcontract commitments. After the start of Construction, 106 DBE subcontractors were added. WSCC is currently achieving 14.26% of their proposed 20% DBE subcontract commitment for Construction. It is expected that DBE commitments will continue to increase as Construction progresses.

Based on the total amount paid-to-date to WSCC, the total actual amount paid-to-date to DBE subcontractors, current participation is 25.36%. WSCC is expected to continue ongoing outreach and good faith efforts to meet their DBE contract commitment.

DISADVANTAGED BUSINESS ENTERPRISE ANTICIPATED LEVEL OF PARTICIPATION COMMITMENT	20.00% DALP	DISADVANTAGED BUSINESS ENTERPRISE ANTICIPATED LEVEL OF PARTICIPATION	25.36% DALP
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	Construction DBE Subcontractors	Ethnicity	% Committed	Current Participation
1	A & M Gentry Trucking*	Caucasian Female	0.46%	0.37%
2	Advantage Demolition & Grading, Inc.*	African American	0.07%	0.13%
3	Alameda Construction Services, Inc.*	African American	0.00%	0.00%
4	Analysis & Solutions Consultants*	African American	0.04%	0.08%
5	Anytime Dumping, Inc.*	African American	0.68%	1.39%
6	APW Construction, Inc. dba Ace Fence Co.*	Asian Pacific American	0.03%	0.08%
7	Anthony & Sons Trucking	Hispanic American	Added	0.01%

8	Artnancy Transportation	Hispanic American	Added	0.04%
9	C & S Early Trucking	African American	Added	0.00%
10	C J Express	African American	Added	0.04%
11	Caliche Trucking	Hispanic American	Added	0.03%
12	City2City Trucking	African American	Added	0.03%
13	Convenient Trucking	Hispanic American	Added	0.00%
14	D B Trucking	African American	Added	0.03%
15	Diamond Transport	Hispanic American	Added	0.02%
16	Edward J Howell Jr	African American	Added	0.02%
17	Freeway Trucking Company	African American	Added	0.00%
18	Gant Trucking	African American	Added	0.03%
19	H & L Dump Service	Hispanic American	Added	0.05%
20	H P Trucking	African American	Added	0.05%
21	J. C. Martinez Trucking	Hispanic American	Added	0.01%
22	J. Reynaga Trucking	Hispanic American	Added	0.02%
23	JoJo's Trucking, Inc.	Hispanic American	Added	0.02%
24	Jus Dumpin LLC	African American	Added	0.02%
25	KIR Trucking	African American	Added	0.03%
26	L & T Enterprize	African American	Added	0.05%
27	My Three Brothers and Me	African American	Added	0.02%
28	Ocha Transportation	Hispanic American	Added	0.02%
29	Orlando's Trucking	Hispanic American	Added	0.01%
30	RDL Trucking	African American	Added	0.04%
31	Ready Two Roll Trucking, LLC	African American	Added	0.04%

32	Reynaga Trucking	Hispanic American	Added	0.02%
33	S C Transportation, Inc.	African American	Added	0.05%
34	Smashmouf Trucking	African American	Added	0.03%
35	West Side Boyz	Hispanic American	Added	0.05%
36	B & B Diversified Materials*	Asian Pacific American	0.26%	0.33%
37	Bravo Pacific, Inc. dba Marmolejo Contractors, Inc.*	Hispanic American	1.68%	2.91%
38	C & L Drilling Company*	Caucasian Female	0.00%	0.00%
39	C.P.R. Trucking, Inc.	Hispanic American	0.20%	0.06%
40	3531 Trucking	Caucasian Female	Added	0.00%
41	Abrego Trucking	Hispanic American	Added	0.00%
42	California Trucking	Hispanic American	Added	0.01%
43	Clean Street Sweeping, Inc.	Hispanic American	Added	0.04%
44	Coco's Trucking	Hispanic American	Added	0.00%
45	El Camino Trucking, Inc.	Hispanic American	Added	0.01%
46	Fortino Trucking	Hispanic American	Added	0.01%
47	HBA Trucking	Hispanic American	Added	0.01%
48	HD Trucking	Hispanic American	Added	0.01%
49	Hugos Trucking	Hispanic American	Added	0.01%
50	J P Sepulveda Trucking	Hispanic American	Added	0.01%
51	Joe G. Trucking	Hispanic American	Added	0.01%
52	L S Trucking	Hispanic American	Added	0.01%
53	Marquez Delivery	Hispanic American	Added	0.01%
54	MCB Trucking	Hispanic American	Added	0.01%

55	Omar Trucking	Hispanic American	Added	0.01%
56	P.G. TRUCKING	Hispanic American	Added	0.01%
57	P.M.R. Trucking	Hispanic American	Added	0.01%
58	Red Dragon Transport, Inc.	Hispanic American	Added	0.01%
59	SMR Transport	Hispanic American	Added	0.05%
60	Speedy Gonzalez Trucking	Hispanic American	Added	0.01%
61	Willie Trucking	Hispanic American	Added	0.01%
62	Cabrinha, Hearn & Associates*	Hispanic American	0.12%	0.44%
63	CBass Dirtyworks Trucking*	African American	0.03%	0.17%
64	Cindy Trump Inc*	Caucasian Female	0.00%	0.00%
65	Clean Up America, Inc.*	African American	0.04%	0.09%
66	Coast Surveying, Inc	Hispanic American	0.25%	0.43%
67	Coleman Construction, Inc.*	African American	0.07%	0.19%
68	D C D Electric Inc.*	African American	0.38%	0.67%
69	Davis Blue Print Co., Inc.*	Hispanic American	0.00%	0.03%
70	DC Engineering Group*	Hispanic American	0.01%	0.19%
71	Deborah Dyson Electrical Contractor*	African American	0.00%	0.01%
72	Deco Pave, Inc.*	Asian Pacific American	0.01%	0.10%
73	E-Nor Innovations Inc.*	African American	0.06%	0.13%
74	EW Corporation Industrial Fabricators*	Hispanic American	0.01%	3.37%
75	Excelsior Elevator Corp.*	Asian Pacific American	0.64%	0.34%

76	Fine Grade Equipment, Inc.*	Native American	0.02%	0.01%
77	Flores Construction*	Hispanic American	0.00%	0.01%
78	fs3, Inc.*	Hispanic American	0.01%	0.01%
79	G & C Equipment Corporation*	African American	2.21%	2.92%
80	G. O. Rodriguez Trucking, Inc.*	Hispanic American	0.00%	0.01%
81	Global Transloading, LLC*	Hispanic American	0.55%	0.97%
82	GW Civil Constructors, Inc.*	African American	1.05%	2.11%
83	Inspection Services, Inc. (ISI)*	Asian Pacific American	0.05%	0.09%
84	Integrity Rebar Placers, Inc.*	Hispanic American	2.85%	3.09%
85	Lowers Welding and Fabrication, Inc*	Caucasian Female	0.02%	0.62%
86	J P AND CONCEPTS CO.*	Caucasian Female	0.55%	0.51%
87	KLP Commercial, LLC*	Native American	0.07%	0.04%
88	Morgner Technology Management*	Hispanic American	0.07%	0.10%
89	Nextline Protection Services*	African American	0.03%	0.41%
90	Nexus Consulting and Management Services, Inc.*	Hispanic American	0.02%	0.08%
91	PacRim Engineering Inc*	Asian Pacific American	0.00%	0.01%
92	Padilla & Associates, Inc.	Hispanic American	0.15%	0.33%
93	Quality Engineering Inc.	African American	0.31%	0.35%
94	R J LaLonde, Inc.*	Caucasian Female	0.00%	0.01%
95	R.J. Safety Supply Company	Caucasian Female	0.00%	0.01%

	Inc.*			
96	Robnett Electric, Inc.*	African American	0.00%	0.01%
97	Safeprobe, Inc.*	Asian Pacific American	0.02%	0.03%
98	Sapphos Environmental, Inc.	Hispanic American	0.05%	0.07%
99	Seaport Lighting, Inc.*	Caucasian Female	0.74%	0.02%
100	Soteria Company, LLC	Hispanic American	0.10%	0.12%
101	South Coast Sweeping, Inc.*	Caucasian Female	0.12%	0.22%
102	TEC Management*	African American	0.02%	0.03%
103	The Jungle Nursery, Inc.*	Hispanic American	0.01%	0.02%
104	Thomas Land Clearing*	African American	0.03%	0.11%
105	Titan Disposal, LLC*	African American	0.03%	0.01%
106	Treesmith Enterprises, Inc.*	Hispanic American	0.02%	0.04%
107	Tri-County Drilling, Inc.*	Caucasian Female	0.01%	0.19%
108	Universal Reproductions Inc. dba Universal Reprographics, Inc.*	Caucasian Female	0.00%	0.02%
109	V & A Inc.*	Hispanic American	0.07%	0.12%
110	Valverde Construction, Inc.	Hispanic American	0.00%	0.01%
111	VMA COMMUNICATIONS, INC	Hispanic American	0.04%	0.09%
112	Y B I Management Services*	African American	0.00%	0.01%
Total			14.26%	25.36%

¹Current Participation = Total Actual amount Paid-to-Date to DBE firms ÷ Total Actual Amount Paid-to-date to Prime

*DBEs added after contract award

C. Project Labor Agreement / Construction Careers Policy (PLA/CCP)

The Contractor has committed to complying with PLA/CCP requirements for this project. This project is 80.11% complete (based on total construction labor hours expended, divided by the total estimated construction labor hours in the approved Employment Hiring Plan) and the contractor is achieving the 40% Targeted Worker Goal at 58.80%, achieving the 20% Apprentice Worker Goal at 20.35%, and achieving the 10% Disadvantaged Worker Goal at 12.65%. Staff will continue to monitor and report the contractor's progress toward meeting the goals of the PLA/CCP.

D. Prevailing Wage Applicability

Prevailing Wage requirements are applicable to this project. DEOD will continue to monitor contractors' compliance with the State of California Department of Industrial Relations (DIR), California Labor Code, and, if federally funded, the U S Department of Labor (DOL) Davis Bacon and Related Acts (DBRA). Trades that may be covered include: surveying, potholing, field, soils and materials testing, building construction inspection, construction management and other support trades.

E. Living Wage Service Contract Worker Retention Policy

The Living Wage and Service Contract Worker Retention Policy is not applicable to this Modification.

ATTACHMENT D

WSSC/METRO AGREEMENT

REQUEST FOR CHANGES AND CLAIMS

Item No.	RFC / Claim No.	Title
WSSC - Direct Cost		
1	Claim No. 62	HOBAS Inefficiencies (Direct Cost)
2	Claim No. 48	Central Outfall Sewer at I-405
3	Claim No. 70	1) Differing Site Condition - Exposition Station Excavation - CSM 2) Differing Site Condition - Exposition Station Excavation - Water Leakage/ Jet Grouting
4	Claim No. 71	Differing Site Condition - Martin Luther King Station - CSM
5	Claim No. 80 & 92	Protect in Place (PIP) of LADWP Duct Bank at Manchester (Design & Construction)
6	Claim No. 69	Special Permitting Process (SPP) - Los Angeles Department of Transportation
7	RFC No. 132	Special Permitting Process (SPP) - Los Angeles Bureau of Engineering (LABOE) - Support of Excavation (SOE) Calculations - Before 1/31/15
8	Claim No. 74	SPP - LABOE SOE Calculations - After 1/31/15
WSSC - Extension of Time		
9	RFC No. 53	TIA # 2 BOE Stop Notice
10	RFC No. 53	TIA # 4 Hobas Pipe Installation
11	Claim No.85	TIA # 5 96 th Street (Rev # 3)
12	Claim No. 70	TIA # 6 DSC - CSM at Exposition
13	Claim No. 70	TIA # 7 DSC Leaks
14	Claim No. 62	TIA # 8 Hobas Pipe Settlement Criteria

ATTACHMENT D

WSSC/METRO AGREEMENT

REQUEST FOR CHANGES AND CLAIMS

Item No.	RFC / Claim No.	Title
Subcontractor's - Extension of Time Delay		
15	Claim No. 85	LKC - Extended Overhead Neal Electric - Extended Overhead Select Electric - Extended Overhead DCD Electric - Extended Overhead Herzog - Extended Overhead
Design Extended Performance - HNTB		
16	Claim No. 39	Alignment Changes (HNTB)
17	Claim No. 55	Design - Extended Performance Due to City of LA (HNTB)
18		Design - Extended Performance Due to Metro (HNTB) - (submittal was pending)

**ATTACHMENT E
WSCC/METRO AGREEMENT
METRO REQUEST FOR CREDITS**

Item No.	Description	Segment
1	Weekend vs Full Closure for Decking at Underground Stations	C
2	Park Mesa Heights Roadway Work	B
3	Re-use existing light poles	B
4	Pedestrian separate light pole vs attachment	B
5	Unarmored vs Armored fiber optic cable	
6	Florence Roadway Work	B
7	La Brea Station Area - Existing Structures to Remain	B
8	Ballast Retainers	A and B
9	CMU Walls in Underground Trainway Areas	C
10	Mist vs Deluge @ Underground Platforms	C
11	Deflection of SOE	C
12	Removal of Basin Effect from Seismic Criteria	System wide
13	Timber Lagging for Temporary Shoring of Underground Structures	System wide
14	Plastic Hinge Zone Reinforcement (Compression Face) At Underground Stations	C
15	Load Tests for Drilled Shafts and Use of Miniature Shaft Inspection Device (MiniSID)	A and B
16	Joints in Cut and Cover Structures	System wide
17	Allow Application of Single Rail, Power Frequency Tack Circuits for Train Detection on Crossovers	System wide
18	End-bearing Resistance of SOE Vibrated Soldier Piles Supporting Underground Structures	System wide
19	UG1 & UG 3 Mud Slab Tolerance	A and B

**WSCC/METRO AGREEMENT
METRO REQUEST FOR CREDITS**

Item No.	Description	Segment
20	Plinth Direct Fixation Stirrup Reinforcement	System wide
21	Fans at Portal @ UG4	C
21A	Fans @ Crossover	C
22	Fans size at UG3	B
23	West Station Park and Ride Lot Aisle Width	B
24	Maximum Allowed Actual Superelevation (Ea)	System wide
25	Elimination of Local Utility Power Supply to the MLK TP	C
26	24" DWP Water Line Relocation at Vernon	C