



**Metro**

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July 21, 2015

**TO: BOARD OF DIRECTORS**

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

**FROM: BRYAN PENNINGTON** *Bnp*  
**EXECUTIVE DIRECTOR, CONSTRUCTION & ENGINEERING**

**SUBJECT: CONSTRUCTION MANAGEMENT SUPPORT SERVICES (CMSS)  
PROJECT ACTIVITIES AND CONTRACTOR PERFORMANCE**

**ISSUE**

On July 16, 2015, at the Construction Committee meeting, Directors Knabe and DuBois requested information on the project activities and performance provided by the three (3) Construction Management Support Services (CMSS) contracts, Item Numbers. 35, 36, and 37.

**DISCUSSIONS**

The project activities and performance information on each Construction Management Support Services (CMSS) contract are summarized below:

- 1. Item No. 35: Contract No. MC069 – CMSS support on Board adopted capital projects such as I-405 Highway Design-Build and Crenshaw/LAX Transit Project – Stantec Consulting, Inc. (Stantec)**

Since March 2009, Stantec has provided the necessary construction management services in support of various Board adopted capital projects, including I-405 HOV Sepulveda Pass Widening, Metro Orange Line Extension projects, Crenshaw/LAX Transit Projects. Stantec's cost performance has been commendable for all task orders listed in Table 1. Most recently, Stantec has provided staff augmentation to the Crenshaw/LAX Transit project. This staffing has included the key resident engineering and other supporting staff including management, inspection, geotechnical analysis, third party coordination, traffic management, surveying, document control, administrative support, security, and changes/claims analysis and processing support services. The Stantec

construction management team has provided excellent service and is operating within its plan and budget approved by Metro. Although the project is currently behind schedule by approximately 123 days, the delays are due to a number of conditions such as 3<sup>rd</sup> party betterments, differing site conditions, and hazardous materials, which are not attributable to the Stantec's performance on its construction management support contract.

The I-405 Project is a \$ 1 billion dollar project that provides for one new north bound carpool lane and standardized lanes and shoulders from the I-10/I 405 Interchange in the south to the SR101/I-405 Interchange in the north. During construction, Stantec has provided staff augmentation to the I-405 project. This staffing has included one key Segment Manager and other supporting staff including: management, limited inspection of utility work, third party coordination, traffic management/traffic studies, document control, administrative support, and changes/claims analysis & processing. The project is financially over budget and is currently behind schedule by approximately 642 days due to delays such as MSE wall failures, City/Caltrans/Metro requested widening of Sepulveda, and many contractor production issues which are not attributable to Stantec's performance on its construction management support contract.

**2. Item No. 36: Contract No. MC070 – CMSS on Regional Connector Transit Corridor Project – Arcadis U.S., Inc. (Arcadis)**

Since May 2013, Arcadis has provided construction management expertise to fulfill the critical functions on the Regional Connector Transit Corridor project since May 2013 such as resident engineering and inspection services, field engineering, document control management, noise and vibration oversight, and survey services. Arcadis' cost and schedule performance to-date has been commendable. The total contract expenditures to-date by Arcadis remained within the annual amount authorized by the Board.

**3. Item No. 37: Contract No. MC071 – CMSS on Westside Purple Line Extension Section 1 Project – Westside Extension Support Team (WEST)**

Since August 2013, WEST has provided construction management expertise to oversee and manage construction on the Westside Purple Line Extension Section 1 Project. WEST has managed the construction of exploratory shaft near the future Wilshire/Fairfax Station and three (3) Advanced Utility Relocations (AUR) contracts to ensure the construction contracts are completed successfully. WEST's oversight has been instrumental in getting these construction contracts either completed or scheduled to be completed on-time and without any claims. The total contract expenditures to-date by WEST is within the annual amount authorized by the Board.

**NEXT STEPS**

Staff will continue to monitor project activities and performance to ensure the CMSS contractors are fulfilling their contractual obligations and providing satisfactory performance in support of Metro projects.

**TABLE 1**

**CONTRACT NO. MC069 CONSTRUCTION MANAGEMENT SUPPORT SERVICES  
CONTRACT WORK SUMMARY BY STANTEC CONSULTING SERVICES, INC.**

<b>Contract Work Order (CWO)</b>	<b>Description</b>	<b>Value</b>	<b>Status</b>
0	Contract Award	\$0.00	Complete
1	Metro Orange Line Extension	\$4,399,025	Complete
2	I-405 HOV Sepulveda Pass Widening	\$41,811,761	Open
3	Union Division (Division 13) Contract Administration Support	\$1,300,899	Open
4	I-405 HOV Partnering Sessions	\$244,433	Complete
5	I-405 HOV Performance Assessment	\$171,379	Complete
6	MRL Station Canopy Support	\$212,252	Complete
7	Express Lanes Support	\$7,722,319	Complete
8	Cancelled	\$0	Cancelled
9	I-10 & I-110 Express Toll Lanes Constructability Review	\$210,170	Complete
10	I-710 Value Engineering Analysis	\$33,838	Complete
11	LA Congestion Reduction Demonstration Program- El Monte Transit Center and Patsaouras Plaza	\$3,174,572	Complete
12	Design & Implement PMIS - Measure R	\$1,341,932	Complete
13	Document Control Support	\$15,000	Complete
14	Soundwall Package # 4 Support	\$540,698	Complete
15	Multiple projects Contract Administration Support	\$982,056	Open
16	Crenshaw/LAX Transit Corridor Project Support	\$19,189,116	Open
17	Bauchet Street Storage Project Support	\$25,000	Complete
18	ATMS Upgrade Project Support	\$139,430	Complete
19	Escalator Replacement at Civic Center Support	\$248,304	Complete
20	Measure R Project Control Support	\$178,065	Complete
21	Division 20 Carwash and Cleaning Platform Support	\$198,686	Complete
22	Martin Luther King Transit Center Support	\$54,801	Complete
23	Soundwall Packages 5,6,7 & 8 Contract Administration Support	\$431,679	Complete
24	I-405 HOV Claims Support	\$145,408	Complete
25	Crenshaw/LAX Transit Corridor Project Security	\$40,752	Complete
26	Metro Red Line North Hollywood West Entrance Contract Administration Support	\$119,187	Complete
27	Southwestern Yard Project Support	\$686,772	Open
28	Cancelled	\$0	Cancelled
29	Patsaouras Plaza Busway Station Project	\$704,566	Open