



Metro

CONSTRUCTION COMMITTEE

April 17, 2014

SUBJECT: WESTSIDE PURPLE LINE EXTENSION PROJECT

ACTION: APPROVE AN INCREASE IN CONTRACT MODIFICATION AUTHORITY FOR CONTRACT C1048

RECOMMENDATION

Approve an increase in Contract Modification Authority (CMA) to Contract C1048, Advanced Utility Relocations (La Brea Station), to provide funding for differing site conditions related to underground utility work, in the amount of \$618,000, increasing the current CMA from \$618,100 to \$1,236,100.

ISSUE

Contract C1048 is a firm fixed price contract to re-locate utilities in advance of the Westside Purple Line Extension Design/Build contract.

Approval of additional CMA will allow staff to continue to process contract modifications in a timely manner and ensure that Metro achieves project completion and avoids costly construction delays to the Design/Builder for the Westside Purple Line Extension Project.

DISCUSSION

Section 1 of the Westside Purple Line Extension Project is the first of three sections to be designed and constructed as part of the Los Angeles County Metropolitan Transportation Authority (LACMTA) Measure R Program. The program was approved by Los Angeles County voters in November 2008 and provides a half-cent sales tax to finance new transportation projects. In April 2012, the three sections of the Project were environmentally cleared and adopted by LACMTA Board of Directors.

Section 1 will extend the existing Purple Line by 3.92 miles beginning at the Wilshire/Western Station. From this station, the twin tunnel alignment will travel westerly within the existing Wilshire Boulevard right-of-way. Stations will be located at the intersections of Wilshire/La Brea, Wilshire/Fairfax, and Wilshire/La Cienega. All three of

the station boxes will be located within the Wilshire Boulevard right-of-way with station portals extending to off-street entrances.

Contract C1048 provides for advanced utility relocations of water, sewer and power lines at the Wilshire/La Brea Station location. The Wilshire/La Brea Station box is within the City of Los Angeles and will be located under the center of Wilshire Boulevard in between Detroit Street and Orange Drive. The utilities are being relocated to allow for construction of the station. It is anticipated that the tunneling will be staged from this location as well. The relocation of utilities at this location is critical to the project.

Contract C1048 was awarded to Metro Builders and Engineering Group, Ltd on May 13, 2013 with a contract award value of \$6,181,100.

During the development of bid plans, Metro and their consultants gathered all known available as-built drawings from the utility owners that depicted their underground utility infrastructure beneath Wilshire Boulevard. During the performance of the contract, a number of unknown and abandoned utilities were encountered that were not shown on the current as-built drawings. The presence of these utilities has slowed construction and caused the contractor to perform more hand digging than anticipated, which has resulted in several construction and schedule impacts. Additional subsurface verification was performed by Metro during the development of the bid plans. However, it now appears that the as-built drawings provided by utility owners did not account for their abandoned utilities.

Currently, there is insufficient CMA to cover the identified pending and potential Contract Modifications for Contract C1048. Staff requests approval of an additional \$618,100 of CMA for the Project to complete construction. A detailed matrix of Contract Modification Authority Summary is shown in Attachment B.

DETERMINATION OF SAFETY IMPACT

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

FINANCIAL IMPACT

Funds are included in the FY14 budget for this action under Project 865518 – Westside Purple Line Extension Project in Cost Center 8510 (Construction Project Management), and Account Number 53101 (Acquisition of Building and Structure). Since this is a multi-year project, the Executive Director of Engineering and Construction and the Project Manager will be responsible for budgeting costs in future years.

Impact to Budget

The sources of funds for the recommended action are Federal 5309 New Starts and Measure R (Cash). The approved FY14 budget is designated for the Westside Purple Line Extension Project and does not have an impact to operations funding sources. These funds were assumed in the LRTP for the Westside Purple Line Extension Project. This Project is not eligible for Propositions A and C funding due to the proposed tunneling element of the project. Availability of Measure R funds continues through FY22. No other funds were considered.

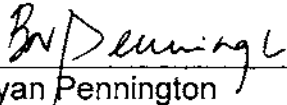
ALTERNATIVES CONSIDERED

The Board may decline to approve the recommended action. This is not recommended as it will prevent or delay the completion of the advanced relocation of utilities for this Project if contract modifications are unable to be issued which will directly impact the Westside Purple Line Extension Project.

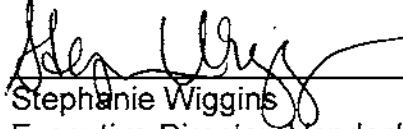
ATTACHMENTS

A. Contract Modification Authority (CMA) Summary

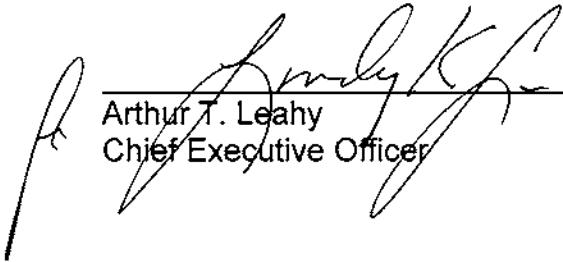
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ATTACHMENT A

CONTRACT MODIFICATION AUTHORITY (CMA) SUMMARY

Mod. No.	Description	Status	Cost
N/A	Initial Award	Approved	\$6,181,000
1	Final Signed Drawings by LABOE, LADOT and DWP	Executed	\$ 196,184
2	Additional Noise Mitigation Measures	Executed	\$ 64,538
Potential Changes			
TBD	Unforeseen void, unidentified fiber optic line and additional traffic control	Pending	\$ 80,000
TBD	Slurry backfill for unstable soil	Pending	\$ 26,000
TBD	Differing site conditions (unidentified utilities)	Pending	\$ 250,000
TBD	Schedule delays (60 days)	Pending	\$ 300,000
	Subtotal – Approved/Recommended/In-Process Modifications		\$ 260,722
	Subtotal – Pending Changes/Modifications		\$ 656,000
	Total Mods and Pending Changes		\$ 916,722
	Prior CMA Authorized by the Board		\$ 618,100
	Increased CMA requested		\$ 618,100
	Total CMA including this action		\$1,236,200
	Remaining CMA for Future Changes		\$ 319,478

