



**Metro**

Los Angeles County  
Metropolitan Transportation Authority

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**CONSTRUCTION COMMITTEE  
NOVEMBER 6, 2014**

**SUBJECT: WESTSIDE PURPLE LINE EXTENSION SECTION 1 PROJECT**

**ACTION: APPROVE AN INCREASE IN CONTRACT MODIFICATION AUTHORITY  
FOR CONTRACT C1055**

**RECOMMENDATION**

- A. Approve an increase in Contract Modification Authority (CMA) to Contract C1055, Advanced Utility Relocations (Wilshire/Fairfax Station), to provide funding for differing site conditions related to unknown and abandoned utilities, for re-sequencing of work due to utility interferences, and for a noise mitigation sound wall at the Wilshire/Crenshaw laydown yard, in the amount of \$2,070,123 increasing the current CMA from \$1,443,000 to \$3,513,123.

**ISSUE**

Contract C1055 is a firm fixed price contract to re-locate utilities in advance of the Westside Purple Line Extension Section 1 Project Design/Build Contract (C1045).

Approval of additional CMA will allow staff to continue to process contract modifications in a timely manner and avoid costly construction delays to the Design/Build contractor for the Westside Purple Line Extension Section 1 Project, which is dependent on the utility work included in this contract on being completed.

**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 C1055 provides for advanced utility relocations of water and power lines at the Wilshire/Fairfax Station location and water line relocation in the vicinity of the Wilshire/La Brea Station. The Wilshire/Fairfax Station box is within the City of Los Angeles and will be located under the center of Wilshire Boulevard from just west of Fairfax Avenue, east to Ogden Drive. The utilities are being relocated to allow for construction of the station by the C1045 Station/Tunnel Design/Build contractor. The C1045 Contract provides the contractor with an access date for the Wilshire/Fairfax Station work area.

Contract C1055 was awarded to W. A. Rasic Construction Company, Inc., on March 31, 2014, with a contract award value of \$14,430,000.

Due to the extremely limited open laydown space along the Project corridor, the Wilshire/Crenshaw laydown yard is the location for all three of the advanced utility relocations contractors, as well as private utility companies to stage equipment and materials for their work. The Project's plan was to have the C1045 Design/Build contractor install a permanent sound wall around the entire Wilshire/Crenshaw laydown yard for the seven-year duration that the contractor would utilize the site. Although the utility contractors utilizing the Wilshire/Crenshaw laydown yard have demonstrated compliance with nighttime noise restrictions, as enforced by the Police Commission, the residential community surrounding the yard has requested that Metro install the permanent sound wall at this time. Metro has agreed to enclose the yard with a 20-foot tall noise mitigation sound wall to minimize impacts to the community. This wall will not only mitigate the noise while the advanced utility relocations contractors are using the site, but it will remain in place for the use of the C1045 Design/Build contractor. The scope of the permanent perimeter sound wall was not included in the C1055 Contract. A credit change will be requested of the C1045 Design/Build contractor for the infrastructure they no longer are required to install.

Metro has been coordinating the Purple Line Extension work with adjacent projects, such as the Bus Rapid Transit Project and the Academy of Motion Pictures Arts and Sciences Project. After the C1055 Contract was awarded, Metro was made aware of the exterior renovation project of the Peterson Museum. As the C1055 scope of work includes work on Orange Grove, on the east side of the Peterson Museum, the C1055 contractor was required to re-sequence the work in this area and to provide additional gas line relocations, so to not delay the Peterson Museum renovations.

Staff is requesting additional CMA to cover merited cost increases associated with unforeseen and differing site conditions, new or revised third party requirements, work

stoppages and restrictions, and additional contractor community support requirements. Staff will continue to implement mitigations measures to minimize any potential cost and schedule impacts. Mitigation measures include developing more accurate utility profiles, performing additional potholing in advance of construction, adding nighttime engineering staff to observe the existing underground conditions and make any needed engineering changes to the work in real time based on any encountered differing site conditions, the development of combined work plans to get more work completed in a particular shift, the use of multiple construction crews, and the re-sequencing of work and extended construction work hours when deemed beneficial.

There has been no prior increase to CMA for this contract. A detailed matrix of the CMA 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 FY15 budget for this action under Project 865518 – Westside Purple Line Extension Section 1 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 35% (Cash). The approved FY15 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 Section 1 Project. This Project is not eligible for Propositions A and C funding due to the proposed tunneling element of the project. 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 Section 1 Project.

## **ATTACHMENTS**

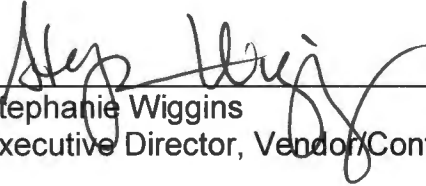
- A. Procurement Summary
- B. Contract Modification Authority (CMA) Summary

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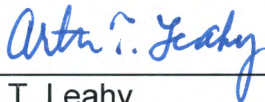
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Bryan Pennington  
Executive Director, Engineering and Construction



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Stephanie Wiggins  
Executive Director, Vendor/Contract Management



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Arthur T. Leahy  
Chief Executive Officer

## PROCUREMENT SUMMARY

**WESTSIDE PURPLE LINE EXTENSION SECTION 1 PROJECT  
ADVANCED UTILITY RELOCATIONS (WILSHIRE/FAIRFAX STATION)  
/CONTRACT NO. C1055**

1.	<b>Contract Number:</b> C1055		
2.	<b>Contractor:</b> W A Rasic Construction Company, Inc.		
3.	<b>Mod. Work Description:</b> See Attachment B		
4.	<b>Contract Work Description:</b> See Attachment B		
5.	<b>The following data is current as of:</b> 10/6/14		
6.	<b>Contract Completion Status:</b>		
	<b>Bids/Proposals Opened:</b>	2/4/14	<b>% Completion \$:</b> 11.7%
	<b>Contract Awarded:</b>	3/31/14	<b>% Completion time:</b> 28%
	<b>NTP:</b>	5/1/14	<b>Original Contract Days:</b> 535 calendar days
	<b>Original Complete Date:</b>	10/18/15	<b>Change Order Days:</b> 0
	<b>Current Est. Complete Date:</b>	10/18/15	<b>Suspended Days:</b> 0
	<b>Total Revised Days:</b>		0 calendar days
7.	<b>Financial Status:</b>		
	<b>Contract Award:</b>	\$14,430,000	
	<b>Total Contract Modifications Approved:</b>	\$412,585	
	<b>Current Contract Value:</b>	\$14,842,585	
	<b>Contract Administrator:</b> Sonia Gomez	<b>Telephone Number:</b> (213) 922-7247	
8.	<b>Project Manager:</b> James Cohen	<b>Telephone Number:</b> (213) 922-7911	

**A. Contract Action Summary**

This Board action is to approve an increase in Contract Modification Authority (CMA).

This contract modification will be processed in accordance with Metro's Acquisition Policy and the contract type is a Firm Fixed Price.

History of the original procurement:

- Pursuant to PUC 130051.9.C, the chief executive officer shall approve and award all contracts for construction, and that approval shall be based upon the lowest responsible and responsive bid submitted.

- Award date: March 31, 2014
- Award contractor: W A Rasic Construction Company, Inc.
- Award amount and period of performance: \$14,430,000 / 535 calendar days

Refer to Attachment B – shows modifications issued to date to add/delete work, and the proposed modification currently pending authorization.

**B. Cost/Price Analysis**

The recommended price for the proposed changes will be determined to be fair and reasonable based upon an independent cost estimate, cost analysis, technical evaluation, fact finding, and negotiations.

See list of pending changes in Attachment B.

**C. Small Business Participation**

W A Rasic Construction Company, Inc. made an 11.68% DBE commitment. DBE Firms Miranda Logistics Enterprise, Langford & Carmichael, Morgner Construction Management, and Lucas Builders started working October 2014. Cogstone Resource Management and Cal Testing & Inspection will begin work in January 2015. Therefore, no DBE payments have been made to date.

<b>DBE BUSINESS COMMITMENT</b>	11.68% DBE	<b>DBE BUSINESS PARTICIPATION</b>	0% DBE
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	<b>DBE Subcontractors</b>	<b>Status</b>	<b>Ethnicity</b>	<b>% Committed</b>	<b>Participation<sup>1</sup></b>
1.	Miranda Logistics Enterprise, LLC	Performing	Hispanic American	3.30%	0%
2.	Cogstone Resource Management, Inc.	Will Perform	Caucasian Female	0.33%	0%
3.	Cal Testing & Inspection	Will Perform	Hispanic American	0.67%	0%
4.	Langford & Carmichael, Inc.	Performing	Asian Pacific American	0.13%	0%
5.	Morgner Construction Management	Performing	Hispanic American	2.49%	0%
6.	Lucas Builders	Performing	Subcontinent Asian American	4.76%	0%
	<b>Total</b>			<b>11.68%</b>	<b>0%</b>

<sup>1</sup>Current Participation = Total Actual amount Paid-to-Date to DBE firms ÷ Total Actual Amount Paid-to-date to Prime.

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

The Contractor has committed to complying with PLA/CCP requirements for this project. This project is 10% complete with the original scope of work and the contractor is achieving the 40% Targeted Worker Goal at 50.60%, not achieving the 20% Apprentice Worker Goal at 14.47%, and not achieving the Disadvantaged Worker Goal at 3.08%. Staff will continue to monitor and report the contractor's progress toward meeting the goals of the PLA/CCP.



## CONTRACT MODIFICATION/CHANGE LOG

**WESTSIDE PURPLE LINE EXTENSION SECTION 1 PROJECT  
ADVANCED UTILITY RELOCATIONS (WILSHIRE/FAIRFAX STATION)  
/CONTRACT NO. C1055**

<b>Mod. No.</b>	<b>Description</b>	<b>Status (Approved or Pending)</b>	<b>Contract Value (A)</b>	<b>Mods (B)</b>	<b>Board Approved CMA (C)</b>
N/A	Initial Award		\$14,430,000		\$1,443,000
1	Sound Mitigation Measures (soundwall & gates)	Approved		\$412,585	
2	Extend Milestone No. 1	Approved		\$0	
<b>Subtotal (Approved)</b>				<b>\$412,585</b>	
TBD	Low Impact Back-up Alarms for General Contractor	Pending		\$4,794	
TBD	Gasline Excavation Along Orange Grove	Pending		\$77,719	
TBD	Replace Fire Hydrants - La Brea Station Area	Pending		\$9,711	
TBD	LADWP Power Design Revisions	Pending		\$55,000	
TBD	Revised Elec Vault & Cradle Plans, Protection and LA Certificate	Pending		\$40,000	
TBD	Soundwall Enhancements - Painting, Flashing, Bolts and Added Segment	Pending		\$87,314	
TBD	Differing Site Conditions West of Fairfax Ave (Water Work)	Pending		\$60,000	
TBD	Differing Site Conditions West of Fairfax Ave (Electrical Work)	Pending		\$110,000	
TBD	Differing Site Conditions at Fairfax/Wilshire (Water Work)	Pending		\$380,000	
TBD	Differing Site Conditions at Fairfax/Wilshire (Electrical Work)	Pending		\$195,000	

TBD	Differing Site Conditions East of Fairfax Ave (Water Work)	Pending		\$270,000	
TBD	Differing Site Conditions East of Fairfax Ave (Electrical Work)	Pending		\$240,000	
TBD	Differing Site Conditions - Fire Hydrant Runs	Pending		\$125,000	
TBD	Differing Site Conditions for La Brea area Water Work	Pending		\$110,000	
TBD	Third Party New or Revised Requirements	Pending		\$500,000	
TBD	Community Support Requirements	Pending		\$350,000	
TBD	Work Stoppages/Restrictions	Pending		\$486,000	
<b>Subtotal (Pending)</b>				<b>\$3,100,538</b>	
<b>Subtotal (Approved and Pending)</b>				<b>\$3,513,123</b>	
TBD	Delete Final Trench Paving	Pending		(\$75,000)	
<b>Subtotal Approved and Pending including Credits</b>				<b>\$3,438,123</b>	
<b>Total (Contract Value + Approved MODs \$14,430,000 + \$412,585)</b>			<b>\$14,842,585</b>		
<b>Subtotal – Board Approved Modifications</b>					
				<b>\$0</b>	
<b>Subtotal – Approved Modifications within CMA</b>				<b>\$412,585</b>	
<b>Subtotal – All Approved Modifications</b>				<b>\$412,585</b>	
<b>Pending Changes/Modifications</b>				<b>\$3,100,538</b>	
<b>Total Mods and Pending Changes</b>				<b>\$3,513,123</b>	
<b>Total Contract Value (including Approved and Pending Mods including credits)</b> (original contract \$14,430,000 + \$3,438,123)			<b>\$17,868,123</b>		
<b>Board Approved Cumulative CMA (C)</b>					<b>\$1,443,000</b>
<b>Requested CMA</b> (Approved and Pending, \$3,513,123, minus Board Approved CMA, \$1,443,000)					<b>*\$2,070,123</b>

\*Credit Modification of \$75,000 is not included in the CMA request