



## Board Report

File #: 2017-0066, File Type: Contract

Agenda Number: 10.

### PLANNING AND PROGRAMMING COMMITTEE MARCH 15, 2017

**SUBJECT: WILLOWBROOK/ROSA PARKS STATION IMPROVEMENT PROJECT**

**ACTION: EXECUTE CONTRACT MODIFICATIONS**

#### **RECOMMENDATIONS**

AUTHORIZE the Chief Executive Officer (CEO) to:

- A. EXECUTE Modification No. 6 to Contract No. AE354280011791 with **RNL Interplan, Inc. (RNL) for the Willowbrook/Rosa Parks Station Improvement Project (Project) Design and Engineering Services** to complete final design for the Project in the firm fixed amount of \$1,391,035, increasing the total contract value from \$6,904,331 to \$8,295,366; and
- B. INCREASE Contract Modification Authority (CMA) specific to Contract No. AE 354280011791 for the Willowbrook/Rosa Parks Station Improvement Project Design and Engineering Services, in the amount of \$250,000, increasing the total authorized CMA amount from \$1,151,214 to \$1,401,214.

#### **ISSUE**

In October 2015, the Board awarded to RNL a professional services contract (Contract) to complete final design for the Project, the components of which fall under the jurisdiction of Caltrans, Union Pacific, the State Public Utilities Commission and Los Angeles County and involve the acquisition of a portion of the shopping center adjacent to the Willowbrook/Rosa Parks Station (Station).

Since October 2015, RNL and Metro staff have coordinated extensively with Metro's internal departments including operations, security, safety, customer service, active transportation as well as the external stakeholders described above. As a result of this process, the advanced design has identified a number of additional issues that must be addressed in the final construction documents in order to meet the needs of the various Project stakeholders. In particular, two components must be added to the Contract: 1) the construction of two cross-over tracks and temporary Overhead Catenary System (OCS) to maintain safe operations during construction and 2) separation of the Project into distinct design packages to meet federal grant deadlines, receive the required approvals from Caltrans and to minimize impacts to Metro patrons. Therefore, staff is recommending a modification to the RNL contract to address these two components.

#### **DISCUSSION**

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The Project is a long-standing priority of the Metro Board. In 2011, the Board approved the Willowbrook/Rosa Parks Station Master Plan and in 2014, directed staff to seek environmental approvals and grant funds to construct the Project. Significant funds have been secured to date including, but not limited to, \$10.25 million from the United States Department of Transportation TIGER VI grant program; \$2.9 million from the State of California Active Transportation Program; and \$38.5 million from the State of California Cap and Trade Transit and Intercity Rail Capital Program (TIRCP) to be shared with the Blue Line Wayfinding and Signalization Upgrades.

The proposed Project will invest in a significant modernization and enhancement of the Station. Critical to addressing the needs of the Station is the extension of the Metro Blue Line platform to relieve overcrowding and connect to a new proposed Station entrance within the Civic Plaza. The existing bus depots will be consolidated and upgraded with new canopy shelters and lighting. Additionally, the project includes a new, open-air Civic Plaza to serve as a Station “gateway” and house a new Metro Customer Service Center, Security Facility, and Bike Hub. Station-wide site work, landscaping, and signage will be implemented to improve safety and circulation within the Station, and enhance connections to the surrounding community, including nearby medical, educational and cultural assets which are experiencing a renaissance. (Additional information on the proposed Site Plan and Project improvements is provided as Attachment D - Project Summary.)

RNL began work on the final design in January 2016. Since that time, staff and the RNL team have:

- addressed concerns raised by the State’s Public Utilities Commission regarding the addition of a new grade-level rail crossing at the station;
- integrated recommendations from the 2014 study to reconfigure a mezzanine that connects the Blue and Green Line;
- presented the Project at a series of community meetings, held two workshops to gather community feedback on the design, and attended other community events to increase awareness of the Project;
- identified a path forward for Project approvals from third-party partners;
- produced and reviewed 15%, 30% and 60% design drawings; and,
- secured an additional \$4.5 million in grants.

Going forward, additional contract authority is needed to respond to two issues. First, early in the process, the RNL team identified the importance of addressing circulation constraints in the mezzanine, which connects the Blue Line platform to the Green Line platform located in the center median of the Century Freeway above. Eighty-eight percent of the Willowbrook/Rosa Parks station patrons pass through this mezzanine, which experiences crowding and significant bottlenecks at stairs, elevator and fare gates. The need to expand the station’s mezzanine was also identified in the 2014 Metro Blue, Green, Red Capital and Operations report, which evaluated several options for expanding the mezzanine.

Including the mezzanine improvements introduced significant constructability hurdles that would require Station closures and costly bus bridging to maintain service. As an alternative, Operations staff proposes that two cross-over tracks and temporary OCS be constructed as part of Blue Line track and signalization upgrades to enable single tracking around the station with no impact on

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existing headways. Additional civil engineering and signaling design work is needed to pursue the cross-over track approach.

Second, as staff have consulted with Caltrans and other third-party reviewers, it has become clear that the Project must be divided into distinct phases and design packages to ensure safe routes for patrons through the Station and that any delays to one area do not jeopardize the grant funds which require project closeout in calendar year 2021. Additional work is required to separate the overall project design into separate construction packages.

Thus, staff is recommending that the Contract and Schedule be modified to enable RNL to complete a) the design of two cross-over tracks and temporary OCS and b) the completion of multiple design packages to enable project phasing.

### **DETERMINATION OF SAFETY IMPACT**

The Board action will not have a negative impact on the safety of Metro's patrons or employees. The Project will increase overall safety and security at the Station by improving lighting and visibility, adding new crossing safeguards and technology, and activating the area with new uses such as the customer service center and the bike mobility hub.

### **FINANCIAL IMPACT**

The FY17 budget for Project 210151, Willowbrook/Rosa Parks Improvement, included the funds needed to bring the Project to 60% design level, at which point staff intended to request Life of Project (LOP) approval from the Board, which would include funds to reimburse third-party reviewers, continue design work to produce 100% construction drawings and provide design support through construction. Given the additional scope described above and the unanticipated complexity and coordination challenges with third-party reviewers, staff intends to bring the Project forward for LOP approval once the third-parties and Metro have had more time to further review the design and confirm the project design and construction assumptions.

However, to continue the design phase incorporating the above discussed contract and schedule amendments will require approximately \$1.6 million in additional project funds for FY17. The unused funds, identified through the midyear budget process, will be allocated to this Project to facilitate the progress of the design. Since this is a multi-year contract, the cost center manager and the Chief Program Management Officer, are responsible for budgeting the costs in future years.

#### **Impact to Budget**

The funding source for the additional funds will be a mix of TDA Article 4 and Federal TIGER grants. The TDA Article 4 funds are eligible for use in bus and rail operations.

### **ALTERNATIVES CONSIDERED**

The Board may choose not to approve the Contract modification and allow for the final design to be completed as one package without the cross-over tracks. However, staff believes that this alternative will result in significant delays to third-party approvals which would jeopardize the state and federal funds that are in place. Omitting the cross-over tracks would significantly increase uncertainty in project delivery and constructability, which would also likely drive up construction costs. Further, if the

cross-over tracks were not to be constructed, staff estimates that a minimum of six weekend shutdowns would be required in addition to delays related to extending single-track operations north and south of the station.

### **NEXT STEPS**

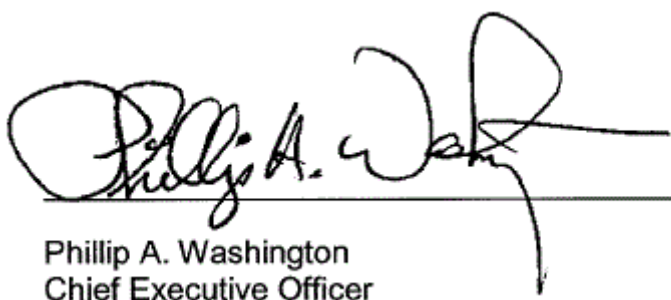
Upon Board approval, staff will execute Modification No. 6 to Contract No. AE354280011791; submit designs for third-party review; and complete its review of project controls and cost estimates in preparation of a LOP request to the Board. The LOP will be brought to the Board for its consideration once the final design is complete.

### **ATTACHMENTS**

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

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Phillip A. Washington  
Chief Executive Officer

## PROCUREMENT SUMMARY

**WILLOWBROOK/ROSA PARKS STATION IMPROVEMENT  
PROJECT DESIGN AND ENGINEERING SERVICES / AE354280011791**

1.	<b>Contract Number:</b> AE354280011791		
2.	<b>Contractor:</b> RNL Interplan, Inc.		
3.	<b>Mod. Work Description:</b> Design of two cross-over tracks and temporary Overhead Catenary System (OCS) to maintain safe operations during construction and separation of the Project into distinct design packages to meet federal grant deadlines, receive the required approvals from Caltrans and to minimize impacts to Metro patrons.		
4.	<b>Contract Work Description:</b> Advance existing conceptual engineering design document to construction document stage.		
5.	<b>The following data is current as of:</b> 02/13/17		
6.	<b>Contract Completion Status</b>		<b>Financial Status</b>
	<b>Contract Awarded:</b>	10/22/15	<b>Contract Award Amount:</b> \$3,835,439
	<b>Notice to Proceed (NTP):</b>	11/16/15	<b>Total of Modifications Approved:</b> \$3,068,892
	<b>Original Complete Date:</b>	08/16/16	<b>Pending Modifications (including this action):</b> \$1,391,035
	<b>Current Est. Complete Date:</b>	04/30/20	<b>Current Contract Value (with this action):</b> \$8,295,366
7.	<b>Contract Administrator:</b> Ana Rodriguez		<b>Telephone Number:</b> (213) 922-1076
8.	<b>Project Manager:</b> Wells Lawson		<b>Telephone Number:</b> (213) 922-7217

**A. Procurement Background**

This Board Action is to approve Contract Modification No. 6 issued in support of the Willowbrook/Rosa Parks Station Improvement Project to design two cross-over tracks and a temporary Overhead Catenary System to maintain safe operations during construction and the separation of the Project into distinct design packages to meet federal grant deadlines, receive the required approvals from Caltrans and to minimize impacts to patrons of the Metro Blue Line during construction.

This Contract Modification was processed in accordance with Metro's Acquisition Policy and the contract type is a firm fixed price.

On October 22, 2015, Contract No. AE354280011791 for Willowbrook/Rosa Parks Station Improvement Project Design and Engineering Services, was awarded to RNL Interplan, Inc. in the firm fixed price contract amount of \$3,835,439 with two optional tasks to advance the design to the construction document stage through

either i) a Design/Build or ii) Design/Bid/Build project delivery method. On October 27, 2016, the optional tasks to employ the Design/Bid/Build delivery method were executed.

Refer to Attachment B – Contract Modification/Change Order Log for modifications issued to date.

**B. Cost/Price Analysis**

The recommended price has been determined to be fair and reasonable based upon an independent cost estimate (ICE), cost analysis, technical evaluation, fact finding, and negotiations. All direct labor rates and fees remain unchanged from the original contract. Metro realized a cost savings of \$47,131 as a result of negotiations from the proposal amount.

<b>Proposal Amount</b>	<b>Metro ICE</b>	<b>Negotiated Amount</b>
\$1,438,166	\$1,420,000	\$1,391,035

## CONTRACT MODIFICATION/CHANGE ORDER LOG

**WILLOWBROOK/ROSA PARKS STATION IMPROVEMENT  
PROJECT DESIGN AND ENGINEERING SERVICES / AE354280011791**

<b>Mod. No.</b>	<b>Description</b>	<b>Status (approved or pending)</b>	<b>Date</b>	<b>\$ Amount</b>
1	Extension of Period of Performance	Approved	07/15/16	\$0
2	Extension of Period of Performance	Approved	09/09/16	\$0
3	Authorize Optional Tasks 8 and 9 for Design/Bid/Build project delivery	Approved	10/27/16	\$1,920,629
4	Add mezzanine and other design changes and extend Period of Performance	Approved	11/21/16	\$744,421
5	Add Bicycle Hub, First/Last Mile elements and pedestrian promenade	Approved	02/01/17	\$403,842
6	Design of two cross-over tracks and temporary Overhead Catenary System to maintain safe operations during construction and separation of the Project into distinct design packages to meet federal grant deadlines, receive the required approvals from Caltrans and to minimize impacts to Metro patrons.	<b>Pending</b>	<b>Pending</b>	<b>\$1,391,035</b>
	<b>Modification Total:</b>			<b>\$4,459,927</b>
	<b>Original Contract:</b>	<b>10/22/15</b>		<b>\$3,835,439</b>
	<b>Total:</b>			<b>\$8,295,366</b>

## DEOD SUMMARY

**WILLOWBROOK/ROSA PARKS STATION IMPROVEMENT  
PROJECT DESIGN AND ENGINEERING SERVICES / AE354280011791**

**A. Small Business Participation**

RNL Interplan, Inc. made a 33.30% DBE commitment. The project is 44% complete. Current DBE participation is 29.54%, a shortfall of 3.76%. One of the listed subcontractors, Diaz Yourman, confirmed that they have not sent an invoice for multiple months contributing to a significant portion of the shortfall. On pending Modification no. 6, RNL made a 58.18% DBE commitment, which will bring total DBE participation to 32.86%. RNL expects to exceed their DBE commitment throughout the term of the Contract.

<b>Total DBE Commitment</b>	<b>33.30%</b>	<b>Curent DBE Participation</b>	<b>29.54%</b>
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	<b>DBE Subcontractors</b>	<b>Ethnicity</b>	<b>% DBE Commitment</b>	<b>% DBE Participation</b>
1.	AHBE Landscape Architects	Asian Pacific American	2.77%	2.34%
2.	Base Architects	African American	3.74%	4.40%
3.	Coast Surveying, Inc.	Hispanic American	2.37%	4.08%
4.	Diaz Yourman & Associates	Hispanic American	0.93%	0.00%
5.	PBS Engineering	Sub-Asian American	5.47%	2.61%
6.	SKA Design	Hispanic American	0.87%	0.76%
7.	The Roberts Group	African American Female	1.63%	2.16%
8.	W2 Design	Asian Pacific American	6.30%	5.80%
9.	Pac Rim Engineering	Asian Pacific American Female	4.37%	2.60%
10.	Lenax Construction Services	Caucasian Female	3.74%	3.19%
11.	Pacific Railway	Caucasian Female	1.11%	1.60%
	<b>TOTAL</b>		<b>33.30%</b>	<b>29.54%</b>



**B. Living Wage and Service Contract Worker Retention Policy Applicability**

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

**C. 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.

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this Contract.

## ATTACHMENT D

### Willowbrook/Rosa Parks Station Improvements Project Summary

In October 2015, the Metro Board of Director, approved a Preliminary Project Funding Plan for the Willowbrook/Rosa Parks Station Improvement Project (Project) and authorized Metro to execute a contract with RNL Design to complete the final design for a comprehensive renovation and expansion of the Station. The Project will include a new Civic Plaza that will house a new 5,250 square foot Metro Customer Service Center, Security Facility, Operator's Lounge and a Bike Hub.

The Customer Service Center will provide a convenient, full service location, where transit-dependent and underserved residents of the Willowbrook community and southern portions of Los Angeles County, will be able to conduct TAP business and receive services from Metro. The center will also feature a Security Facility that will provide for efficient and effective emergency security and law enforcement management and response. Finally, the facility will include a new Metro Transit Court to improve its ability to respond to customers concerns arising from contested violations and to simplify the collection of fines payable from transit and parking violations.

The Civic Plaza will also include a Bike Hub that will feature self-storage bike storage lockers, bikes for short- or long-term use, valet, and repair services. Further enhancements to pedestrian accessibility and mobility will include a new buffered Class I Bike Path on Willowbrook Avenue (West) from the Station to 119th Street. As a disadvantaged community with a high percentage of zero-vehicle households and transit dependency, the Bike Hub and bike path will provide additional mobility options for non-motorized users.

The Project will also feature circulation improvements to enhance pedestrian safety and experience, and the refurbishment of functionally obsolete vertical circulation elements. The Metro Blue Line platform will be extended south to relieve overcrowding and connect to a new proposed Station entrance within the Civic Plaza. The existing bus depots will be consolidated along the new Civic Plaza on Willowbrook Avenue West and upgraded with new canopy shelters and lighting. Additionally, Station-wide site work (including reconfiguration of the existing Park & Ride lot and a new passenger pick-up/drop-off facility), landscaping, lighting and acoustical treatment under the freeway and signage will be implemented to improve safety and circulation within the Station, and enhance connections to the surrounding community, including nearby medical, educational and cultural assets which are experiencing a renaissance.



## WILLOWBROOK/ROSA PARKS STATION IMPROVEMENTS SITE MAP

1. Extended Blue Line platform
2. New southern at-grade crossing
3. Expanded transfer mezzanine
4. Real-time electronic signage
5. Custom LED lighting throughout the station
6. Upgraded stairs, escalators, and elevators
7. New community plaza & landscape
8. Metro Bike Hub
9. Metro Customer Service Center
10. Metro Transit Security Center
11. Clear wayfinding and signage
12. New pick-up and drop-off zone
13. Consolidated regional and local bus bays
14. New protected cycletrack
15. Pedestrian promenade connecting Wilmington Avenue to the station
16. New Wilmington Avenue crosswalks





**View northwest from Willowbrook Ave East toward new southern crossing and community plaza.**  
The project will daylight the station by extending the Blue Line platform south of the 105 freeway. A new pedestrian crossing will provide a safe connection across Metro and Union Pacific tracks for community and patron use.



**View east from Wilmington Ave toward new pedestrian promenade connecting Wilmington Ave to the station.**  
Improved pedestrian connections will provide safe and more direct walking paths to destinations surrounding the station.



**View south toward bus bays and community plaza**  
The mezzanine connecting the Blue and Green Lines will be expanded and include new stairs and escalators to speed connections between the rail lines. Bus bays will be consolidated and located adjacent to the new plaza to improve connectivity so that waiting for the bus isn't quite so lonely.





## PROJECT HIGHLIGHTS

### Metro Bike Hub

At the new Metro Bike Hub, users will be able to securely park their bikes, get free safety gear, shop for bike accessories, get bikes repaired (or learn how to do it themselves), and potentially build their own bikes. Metro will be conducting additional outreach to finalize Bike Hub programming.

### Metro Customer Service and Security Center

Metro's new Customer Service and Security Center will ensure that help is always available and accessible to patrons. At the Center, users can purchase monthly passes, pick up and submit reduced fare applications, find maps and schedules, and get help with route planning.

### Community Plaza

The new plaza is not just for Metro riders. The space has been designed to be used for community events year round, special exhibits, celebrations, movie nights, and food trucks.

## PROJECT SCHEDULE

2017

2018

2019

2020

Final Design & Permitting

Construction Bidding

Construction

