



**Metro**

Los Angeles County  
Metropolitan Transportation Authority

One Gateway Plaza  
Los Angeles, CA 90012-2952

213.922.2000 T  
metro.net

**REVISED**  
**CONSTRUCTION COMMITTEE**  
**JANUARY 15, 2015**

**PROJECT: WESTSIDE PURPLE LINE EXTENSION PROJECT**

**ACTION: APPROVE USE OF DESIGN-BUILD CONTRACTING DELIVERY  
APPROACH FOR THE SECOND SUBWAY SECTION FROM  
WILSHIRE/ LA CIENEGA TO CENTURY CITY CONSTELLATION**

**RECOMMENDATION**

A. ~~The Board Finds~~**ing** that use of the design-build process pursuant to Public Utilities Code Section 130242(a) will achieve certain private sector efficiencies in the integration of the design, project work and components for the second section (2.55 miles) of the Westside Purple Line Extension Project, and

(REQUIRES TWO-THIRDS VOTE)

B. ~~The Board Further finds~~**ing** that the use of the design-build process pursuant to Public Contract Code 20209.5 et seq. will ~~provide for a single contract with fewer procurement solicitations and contracts, which allows for a best value selection~~  
**reduce project costs, expedite project completion and provide for design features not available through the design-bid-build method.**

**ISSUE**

Metro is authorized to enter into design-build contracts pursuant to Public Utilities Code Section 130242(a) and Public Contract Code Section 20209.5 et seq. The primary benefit of the design-build process has a potential of additional efficiencies in

contractor's innovation, project management, administration and coordination, and design features.

Utilization of a design-build process is allowed under Public Utilities Code Section 130242(a), which provides for award of a design-build contract to the lowest responsible bidder whose bid is responsive to the criteria set forth in the invitation for bids. This Section requires that the Board make the finding set forth in Recommendation A.

Public Contract Code Section 20209.5 et seq. allows for the negotiation and award of a design-build contract to a responsible proposer whose proposal is determined to be the best value to Metro. This Section requires that the Board make the findings set forth in Recommendation B.

Board approval of Recommendations A and B will allow staff to determine whether implementation of low bid procurement(s), negotiated procurement(s) or a combination of both is in Metro's best interest.

## **DISCUSSION**

In April 2012, the Board of Directors certified the Final EIS/EIR for the Westside Purple Line Extension Project as a nine-mile, dual track heavy rail transit subway project that will operate as an extension of the Metro Purple Line heavy rail transit subway system from its current western terminus at the Wilshire/Western Station to a new western terminus near the West Los Angeles Veterans Affairs (VA) Hospital. The alignment travels westerly beneath Wilshire Boulevard to the Wilshire/Rodeo Station and then southwesterly toward a Century City Station. The Project then extends from Century City and terminates at the Westwood/VA Hospital Station. The extension will include a total of seven new stations. The Project will include modifications to the Division 20 Maintenance and Storage Facility located in Downtown Los Angeles, traction power substations, and will provide for the acquisitions of rail vehicles and maintenance equipment.

In August 2012, the Federal Transit Administration (FTA) issued a Record of Decision for the entire nine-mile Project. In September 2012, the Board of Directors approved the use of design/build for the project delivery method for the Westside Purple Line Extension Section 1 Project, Wilshire/Western to Wilshire/La Cienega. The first section of the Project is currently under construction.

Metro is currently seeking funding from the FTA and the United States Department of Transportation (USDOT) and is continuing Advanced Preliminary Engineering and the development of procurement solicitation documents. Therefore, staff recommends continuing with the design-build construction methodology for the second section of the Westside Purple Line Extension Project, Wilshire/La Cienega to Century City Constellation.

The design-build delivery approach will be used for the majority of the project scope of work. To provide flexibility, we may also consider separate design-bid-build contracts for constructing other portions of the project scope of work.

### **DETERMINATION OF SAFETY IMPACT**

The recommended action has no impact on safety.

### **FINANCIAL IMPACT**

The Westside Purple Line Extension Section 2 Project (865522) is included in the FY15 budget for \$22 million of Measure R 35% (Cash), in Cost Center 8510 (Construction Project Management), and Account No. 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 source of funds for the recommended action is Measure R 35% (Cash). The approved FY15 budget is designated for the Westside Purple Line Extension Section 2 Project and does not have an impact to operations funding sources. These funds were assumed in the Long Range Transportation Plan for the Westside Purple Line Extension Section 2 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 reject the recommendations to use design-build contracting for the Westside Purple Line Extension Section 2 Project; however, certain private sectors efficiencies in the integration of design, project work, and components may not be achieved.

### **NEXT STEPS**

In September 2014, the Board of Directors authorized the Chief Executive Officer (CEO) to pursue a Full Funding Grant Agreement (FFGA) through the FTA and to submit a Letter of Interest to the USDOT for a Transportation Infrastructure Finance and Innovation Act (TIFIA) loan for the Westside Purple Line Extension Section 2 Project.

One of the steps toward receiving an FFGA is to receive FTA's approval for Entry into Engineering Phase. Metro issued the request to the FTA in August 2014 and FTA approval is expected in December 2014. Also, Metro submitted the Letter of Interest for a TIFIA loan on December 5, 2014.

Metro is anticipating the FFGA and TIFIA loan to be approved in Federal Fiscal Year 2016. In order to maintain the schedule, Metro will issue the design-build Request for Proposals- **Qualifications** in the spring of 2015, followed by the Request for Proposals by the end of 2015.

The process of evaluations and decisions for award, including a Best and Final Offer negotiations period, will extend through the end of 2016. An award of the design-build contract is anticipated in early 2017 for the second section of the Westside Purple Line Extension Project.

Prepared by: Dennis Mori, Executive Officer, Project Management (213) 922-7221  
Rick Wilson, Director Project Control (213) 922-3627

*Bryan Pennington*

---

Bryan Pennington  
Executive Director, Engineering and Construction

*Stephanie Wiggins*

---

Stephanie Wiggins  
Executive Officer, Vendor Contract Management

*Arthur T. Leahy*

---

Arthur T. Leahy  
Chief Executive Officer