

**Metro**Los Angeles County
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metro.net**CONSTRUCTION COMMITTEE
FEBRUARY 20, 2014****SUBJECT: SECURITY/FARE GATES – EXPO PHASE 2 TERMINUS STATION****ACTION: AUTHORIZE SECURITY/FARE GATES****RECOMMENDATION**

Authorize design and installation of Security/Fare Gates for the Expo Phase 2 Terminus Station at 4th Street currently under construction.

ISSUE

Board Item 72, dated October 24, 2013, by Directors Yaroslavsky, O'conner, and Bonin, granted approval for a not to exceed amount of \$380,000 to purchase security/fare gates and emergency swing gates for the Expo Phase 2 Station at 4th Street. The Board further moved that staff identify the necessary funding for the design and installation of security/fare gates at the 4th Street Station.

DISCUSSION

The Expo Phase 2 light rail project consists of 7 Stations. Security/Fare gates have been implemented in the design for the three aerial stations at National/Palms, Exposition/Sepulveda and Exposition/Bundy. Three of the at-grade stations, Exposition/Westwood, Olympic/26th Street and Colorado/17th Street, will need to be evaluated for layout, fire-life-safety and cost.

The remaining station at the 4th Street Terminus has been evaluated and will accommodate Security/Fare gates. A separate capital project has been identified for implementation of the gates with funding through a Security Grant in the amount of \$1 Million Dollars. Final costs will be negotiated with the contractor. Since this station is currently under construction, the gates can be incorporated without rework or delay to the project if implemented immediately.

DETERMINATION OF SAFETY IMPACT

The results of the exit calculations identify the safety impacts due to the inclusion of latched fare/security gates. Sufficient exiting capacity must be provided to allow passengers to evacuate the station in a timely manner in an emergency. Compliance with the required exit calculations have been demonstrated at the 4th Street Station.

FINANCIAL IMPACT

The ROM cost for security/fare gates at 4th Street are \$423,683 for design and construction, \$250,000 for power upgrades, and \$380,000 for gate equipment. Total ROM is \$1,053,683. Funding will be authorized under a new Gate Latching Capital Project established at the February 2014 Board as part of the Crenshaw Gate Latching Board Item. Up to \$1,000,000 has been identified through a Prop 1B Security Grant for costs incurred through March 2014. The balance of funds required in excess of the Security Grant will be funded through other local funding sources. The Life of Project (LOP) for the Expo Phase 2 Project will not be impacted.

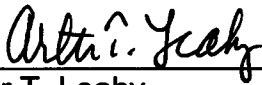
NEXT STEPS

Upon Board authorization, staff will provide direction to the Exposition Construction Authority to proceed with implementation of the security/fare gates at the 4th Street Station.

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