

Honorable Chair and Members of the
City Council Citizen Development and Enrichment Committee

City Hall
Torrance, California

Members of the Committee and Board:

SUBJECT: Torrance Bridge Maintenance and Beautification- Bridge Lighting and Wooden Guard-rail.

RECOMMENDATION

Recommendation of the Public Works Director that the Torrance City Council Citizen Development and Enrichment Committee approve a final lighting plan and railing plan on the proposed Torrance Bridge Maintenance and Beautification Project.

BACKGROUND/ANALYSIS

Public Works staff previously met with the Torrance City Council Citizen Development and Enrichment Committee on May 22, 2012 to discuss the removal of the vegetation and wooden guard railing. During the meeting, lighting was also discussed, and Staff was directed to return with cost estimates to compare a color-changing lighting scheme to a conventional architectural lighting, as well as some options for the wooden guardrail.

Lighting-

The in-ground uplighting LED fixture by Hadco is currently priced at approximately \$595 each, factory direct. A similar light with a motorized color changing mechanism would increase the cost by about \$1200-\$1800 per fixture, according to the lighting representative. Our current lighting scheme consists of 28 light fixtures. Adding color changing lights would increase the total cost of lighting by at least \$16,940.00 just for materials.

The conventional LED in-ground lights provide the option of changing colored filters lenses that may be used on special occasions.

Chattel Architects, while not opposed to color-changing lights, prefers the white lighting option which is more compatible with the understated Modern elegance of Irving Gill's design.

Wooden railing-

The cost to replace the wooden guardrails is estimated at \$20,618.00. The cost to install new ADA complaint railings is approximately \$50,680.00. Once the beautification phase is complete, the bridge will remain inaccessible to pedestrians. Our Risk Manager, Randy Sellers, recommends replacing the railings in order to maintain a barrier at the edge. Chattel Architects would ideally like to see the wooden guardrails, which are not character-defining features, removed in order to complete the concrete repairs to the bridge.

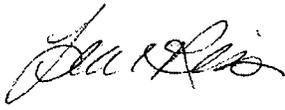
It is currently proposed to remove the wooden railings in order to completely repair the bridge, and then replace it as is. Alternately, the city could replace it with an ADA complaint railing that will not be attached to the exterior of the bridge. The alternate proposal will cost an additional \$30,062.00 which is not currently available in the budget.

Upon direction regarding the lighting and guardrail replacement, design is anticipated to be complete by the end of June 2012. Construction is still expected to begin this Fall and be complete by the year end. Staff requests review of the staff recommendation and your concurrence on the final lighting plan and railing plan. An item will be prepared for the Torrance City Council to approve the plan.

Respectfully submitted,

Rob Beste
PUBLIC WORKS DIRECTOR

By 
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Public Works Director


Lea Reis
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