

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

City Hall  
Torrance, California

Members of the Committee and Board:

**SUBJECT: Meeting of the Torrance City Council Citizen Development and Enrichment Committee and Public Works to discuss Torrance Bridge Maintenance and Beautification.**

### **RECOMMENDATION**

Recommendation of the City Manager and the Public Works Department that the Torrance City Council Citizen Development and Enrichment Committee provide direction on the proposed Torrance Bridge Maintenance and Beautification Project.

### **BACKGROUND/ANALYSIS**

Torrance Boulevard is a major gateway into the City of Torrance. This past month, a major section of Torrance Boulevard was rehabilitated from Sartori Avenue to Western Avenue, completing the Torrance Boulevard Rehabilitation project from the east City limit to the west City limit.

Our next task is to repair the Torrance Bridge within the latest Torrance Boulevard Rehabilitation project area. The Public Works Department received a bridge deficiency report in 2009 from the County of Los Angeles, identifying areas of damage on the Torrance Bridge. This has raised some concern to the condition as well as the proper repair procedures to adhere to the Secretary of Interior Standards for Historical Structures. Representatives from the City have researched options for the maintenance and beautification of the bridge and the outcome is as follows:

### **PHASE 1 – BRIDGE LIGHTING AND CENTINENIAL CELEBRATION** (Total Cost: \$56,020)

#### **ACQUIRE QUALIFIED STRUCTURAL ENGINEER ~ \$14,000**

- Must have experience with historical bridge repairs
- Observed structural integrity of the bridge (possible minimal testing cost TBD)
- Develop procedure, plans and specifications for repairs and beautification

#### **ADVERTISE A BID FOR QUALIFIED CONTRACTOR TO PERFORM REPAIR WORK**

- Contractor must have extensive experience with repairing historic concrete bridges or structures

**BEGIN REPAIRS AND BEAUTIFICATION ~ \$38,200 + 10% Contingency**

- Repair spalls, cracks and delamination - \$18,000
- Repair original wooden railings - \$5,000
- Install decorative accent solar lighting - \$9,200
- Install decorative "TORRANCE" entryway solar lighted sign directly on the bridge - \$6,000

**PHASE 2 - LONG TERM PLANS**

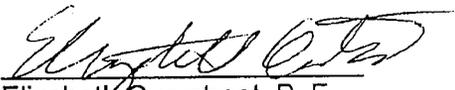
Develop, design and construct an attractive pedestrian overpass and educational area to inspire creativity, and introduce residents, students and tourists to the history of Torrance. It will lead residents and employees from north of Torrance Boulevard into the growing downtown redevelopment area, which includes the new Miyako Hotel, the well known Mitsuwa Market, the Red Car Brewery, The Depot, Farmer's Market, and many other attractions.

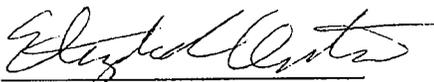
Based on direction from the Committee, staff will seek funding sources for the Phase I of the project and return to City Council for approval.

Respectfully submitted,

Rob Beste  
PUBLIC WORKS DIRECTOR

By   
Robert Beste, P. E.  
for Public Works Director

  
Elizabeth Overstreet, P. E.  
Engineering Manager

for   
Lea Reis  
Assistant Engineer

CONCUR:

  
Leroy J. Jackson  
City Manager