

ENVIRONMENTAL ASSESSMENT COMMITTEE AGENDA

Thursday, February 26, 2015

9:00 A.M.

Third Floor Conference Room #1

1. Application: ENVIRONMENTAL ASSESSMENT NO. 14-006 (Brookhurst Street Bridge Preventative Maintenance Project)

Applicant: City of Huntington Beach
Public Works Department
2000 Main Street
Huntington Beach, CA 92648
Contact: Jonathan Claudio, Senior Civil Engineer
Phone: (714) 536-5431

Request: To analyze the potential environmental impacts associated with a proposal to perform maintenance activities on the existing Brookhurst Street Bridge that are intended to restore the integrity of its original design. The Brookhurst Street Bridge was constructed in 1958 and widened in 1989. The bridge is a five-span pre-stressed voided slab bridge with six traffic lanes (three lanes in each direction) and a pedestrian sidewalk on both the north and south sides. Parts of the bridge have deteriorated due to normal wear from vehicular traffic and from tidal flux of the estuarine ecosystem setting during the last five decades. The bridge concrete barriers are cracked and spalled (unsound broken concrete) with exposed internal reinforcing that has noticeably corroded. The bridge columns and bent caps have unsound concrete. The asphalt-concrete (AC) overlay on the bridge deck is cracked, resulting in roadway water leaking through the deck into the Talbert Channel. These aspects of the bridge's deterioration will result in conditions which are potentially unsafe to the public, and conditions which could compromise water quality in the Talbert Channel. Therefore, repair and rehabilitation of the bridge is proposed to address these existing conditions.

Repair/rehabilitation would require the following maintenance measures:

- Remove and replace the concrete barrier and chain link railing on both sides of the bridge with corrosion-resistant materials such as stainless steel fence posts and epoxy coated reinforcing steel.
- Remove and replace existing asphalt concrete (AC) overlay to protect the bridge and channel from water leaks and to provide a durable driving surface.
- Remove unsound concrete and patch concrete at the bridge bents and columns. Unsound concrete and patch concrete work over or near the channel will require working platforms with fully enclosed protective covers.
- All existing utilities attached or adjacent to the bridge will be protected in-place.

Location: Brookhurst Street Bridge (Brookhurst Street at the Talbert Channel, Huntington Beach, CA 92646)

City Contact: Hayden Beckman, Assistant Planner

For information on the above items, please contact the specified City contact person in the City of Huntington Beach Dept. of Planning and Building at (714) 536-5271.