



BOARD OF SUPERVISORS AGENDA LETTER

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Agenda Number:

Department Name:	Public Works
Department No.:	054
For Agenda Of:	January 13, 2015
Placement:	Administrative
Estimated Tme:	N/A
Continued Item:	No
If Yes, date from:	
Vote Required:	Majority

TO: Board of Supervisors

FROM: Department Director Scott D. McGolpin, Public Works Director, 568-3010
Contact Info: Chris Sneddon, Deputy Director, Transportation 568-3064

SUBJECT: Rincon Hill Road Bridge No. 51C-0039 Seismic Gate Project; Federal Project No. BRLOZE-5951 (118), County Project No. 830408; First Supervisorial District

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- A. Approve and authorize the Chair to execute the attached Construction Cooperative Agreement with the County of Ventura to allow for the construction of Rincon Hill Road Bridge No. 51C-0039 Seismic Gate Project; and
- B. Determine that this project was found by your Board to be exempt from the provisions of CEQA pursuant to State CEQA Guidelines Section 15301, that a Notice of Exemption was filed on that basis on May 20, 2014, and that the proposed actions are within the scope of that Notice of Exemption.

Summary Text:

The Rincon Hill Road Bridge No. 51C-0039 is situated on the jurisdictional boundary between the County of Santa Barbara and the County of Ventura. As such, we are seeking to enact agreements with the County of Ventura to build the project, as well as maintain the installations on County of Ventura right-of-way. Approval by the Board of Supervisors will allow the Public Works Department to proceed with construction of the project.

The attached Construction Cooperation Agreement is discussed below, and is recommended for approval to document each partnering agency's responsibilities.

Construction Cooperation Agreement

The Construction Cooperative Agreement was developed by the County of Santa Barbara and the County of Ventura, collectively referred to as the “Parties”. The Agreement between the Parties

includes Recitals; Project Scope Responsibilities; Financial Responsibilities; General Conditions; Indemnifications; and Terms and Obligations of the Agreement that are necessary for the Rincon Hill Road Bridge No. 51C-0039 Seismic Gate Project to be constructed.

Some of the County responsibilities included in the Construction Cooperation Agreement include:

- Advertisement, award and administration of a construction contract and manage the scope, cost and schedule of the project to complete the project
- Provide construction engineering administration support staff
- Assume day to day maintenance responsibilities of the seismic warning gate system portion of the project after Notice of Completion is finalized
- Provide the County of Ventura with record drawing plans

Some of the County of Ventura's responsibilities included in the Construction Cooperation Agreement include:

- Approval of the project
- Issuance of a roadway encroachment permit to allow the construction of the project within the County of Ventura's right-of-way
- Assume day to day maintenance responsibilities of the hot mix asphalt and Midwest guardrail system portion of the project after Notice of Completion is finalized



View of Rincon Hill Road Bridge No. 51C-0039, looking north along downstream edge of bridge

Background:

The existing Rincon Hill Road Bridge No. 51C-0039 is a reinforced concrete arch bridge constructed in 1915 that is eligible for listing on the National Register of Historic Places. Due to deterioration of the supporting columns at Bent 4, a supplemental steel support frame and pile structure was constructed in 1968 to provide support to the damaged columns supporting the pre-cast arch.

This project will retrofit the existing Rincon Hill Road Bridge No. 51C-0039 with a seismic gate system, including the installation of two 22 foot long motorized gate arms, flashing beacons and illuminated warning signs at both approaches to the bridge. Control cabinets will be constructed near the bridge to house additional elements of the system, including back-up battery system and a telephone link to alert the County of Santa Barbara Public Works Department when the system has been activated. In addition

to these items, some minor improvements will be constructed to protect the proposed installations and provide adequate turn-around width in advance of the seismic gate arms.

The warning gates are lowered only when both the bridge mounted and free field sensors record an acceleration magnitude of 0.05g (or 5% of the force of gravity). While not directly correlative to moment magnitude, an acceleration magnitude of 0.05g would correlate to a moderate seismic event (intensity V) on the Modified Mercalli Scale, or a magnitude 4-5 earthquake in the vicinity.

The County of Santa Barbara Department of Public Works is working with the County of Ventura to implement these seismic retrofit elements, half of which will be installed south of the bridge, within County of Ventura right-of-way. The Department applied for and received funding for this project through a competitive federal program created to improve the safety of seismically deficient bridges.

The Rincon Hill Road Bridge No. 51C-0039 Project and CEQA findings were approved by your Board on May 20, 2014. Pursuant to the County's CEQA guidelines, the Department of Public Works has determined that this project is exempt from further environmental review.

Fiscal and Facilities Impacts:

Budgeted: Yes

Narrative:

Federal Highway Bridge Program (HBP) will fund 88.53% of construction costs. State Proposition 1B Seismic funds will provide the remaining 11.47% matching funds. These funds are budgeted in Dept. 054, Fund 0017, Org. 0600, Program 2830, Account 7650.

Approval by the Board of Supervisors will allow the Public Works Department to proceed with construction of the project.

Special Instructions:

Please forward the following to Public Works, Transportation, Attn: Gena Valentine Felix, x 3064:

1. A certified, stamped Minute Order approving these Board actions.
2. Two original signature pages from the Construction Cooperative Agreement; A signature page from the County of Ventura will be returned to the Clerk of the Board once the agreement is fully executed.

Attachment:

1. Construction Cooperative Agreement (1 original, two duplicate original signature pages)
2. CEQA Notice of Exemption (May 20, 2014)

Authored by:

Christian Doolittle, P.G., Project Manager, 739-8777