

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: September 15, 2004

Reference No.: 4.14
Action Item

From: CINDY MCKIM
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Ref: ANNUAL REPORT ON SEISMIC SAFETY RETROFIT PROGRAM

In accordance with Government Code Section 8879.17 and Streets and Highways Code Section 180.10, this report provides the progress of the program for the seismic safety retrofit of publicly owned highway bridges through the end of 2002. The Seismic Retrofit Bond Act of 1996 (Proposition 192), which was approved by the voters at the March 26, 1996, direct primary election, requires the California Department of Transportation (Department) to report annually the status of funds available for seismic retrofit projects and the expenditures of bond proceeds.

The Department's seismic safety retrofit program consists of four areas including Phase 1, Phase 2, Toll Bridges, and Local Program. Proposition 192 provides funding for Phase 2 and Toll Bridge projects. Phase 1 and Local Program improvements are funded from other funding programs. These programs are included here to provide a comprehensive view of the entire seismic safety bridge retrofit program at the Department.

Phase 1 Seismic Retrofit Program: Complete

- Phase 1 seismic retrofit projects consist of a total of 1,039 bridges. All 1,039 bridges have had seismic safety retrofit work completed. Phase 1 consists of bridges that were determined to be the most critical bridges for seismic retrofit based on the Department's screening process

Phase 2 Seismic Retrofit Program: 98.4% Complete

- Phase 2 consists of bridges that were determined to need seismic retrofit based on additional screening in the Department's screening process. Phase 2 seismic retrofit projects consist of a total of 1,155 bridges. A total of 1,137 bridges (representing 98.4 percent) have had seismic safety retrofit work completed. All but one of the eight remaining bridges in design will go to construction by FY 2005-06.

Local Seismic Retrofit Program:

- The Streets and Highways Code identifies the Department, Los Angeles County, and Santa Clara County as lead agencies for the local seismic retrofit program. Lead agencies are responsible for assessing the need for seismic retrofit work on non-State, publicly owned bridges and identifying required retrofit work. Each bridge owner is responsible for securing environmental approvals, right-of-way clearances, and administering construction contracts. A combination of Federal and State funding is used to fund these projects through the Department's Local Assistance programs.
- There has been no progress on the Local Bridges Seismic Retrofit Program in the last year and the program remains at 45% complete (560 bridges).

Toll Bridge Seismic Retrofit Program:

- Information relating to the Toll Bridge Seismic Retrofit Program can be found under Reference No. 4.4, of the California Transportation Commission's September 15, 2004 meeting materials. Or, go to internet site:
www.dot.ca.gov/tollbridgeretrofitreport.pdf