

State of California
Seismic Safety Commission

Memo

To: Commissioners

From: Richard McCarthy
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Date: 9/3/13

Subject: Status Report on the Bay Area Rapid Transit's (BART)
Earthquake Safety Program

Background

The significance of the Bay Area Rapid Transit (BART) system as a major lifeline in the San Francisco region was highlighted following the 1989 Loma Prieta Earthquake. While many major roadways were out of service for weeks, months, or in some cases permanently, most of the BART system was back in service within 24 hours. Although the BART system performed well overall, the Loma Prieta event was viewed by many as a wake-up call.

Working closely with the CA Seismic Safety Commission, the BART Board of Directors established the Earthquake Safety Program in 2000. That effort was launched with a comprehensive Vulnerability Study which was published in 2002. Since then roughly \$500M has been expended to analyze, design and construct the necessary retrofits to improve the resiliency of the BART system.

Commissioner Tracy Johnson's presentation will provide an update on the status of BART's \$1.25B Earthquake Safety Program and highlight its major achievements to date.

Recommendation

Staff recommends that commissioners listen to Commissioner Johnson's presentation and ask questions. The Commission was a major participant in this project during its early stages.