



Estuary Bridge Retrofit Projects

Project Description

Estuary Bridges Retrofit Project

- The Alameda County Public Works Agency (ACPWA) is proposing projects to seismically retrofit the County's three estuary bridges [High Street, Park Street, and Miller Sweeney (Fruitvale Avenue)] that connect the City of Oakland to City of Alameda.
- The first phase will be to perform a "No Collapse" seismic retrofit work to all three bridges.
- The second phase will be to undertake a "Lifeline" retrofit project only to the Miller Sweeney (Fruitvale) Bridge.

What is the Difference between the "No Collapse vs. Lifeline"?

No Collapse

- Bridge will not collapse --- protects life
- Major damage after major seismic events
- May not be functional for a long time or may need to be replaced
- Extensive repair will be required
- Minimal disruptions after small seismic events

Lifeline

- Bridge will not collapse --- protects life
- Minor damage after major seismic events
- May be functional within a short time
- Minimal repair will be required
- No disruptions after smaller seismic events

Project Objective

To improve traffic operations and safety.

Project Features



Park Street Bridge (Constructed 1935)

- **No Collapse** Project
- Estimated Cost: \$700,000
- Construction Duration: 6 to 7 months



High Street Bridge (Constructed 1939)

- **No Collapse Project**
- Estimated Cost: \$1,000,000
- Construction Duration: 7 to 8 months



Miller Sweeney (Fruitvale) Bridge (Constructed 1973)

- **No Collapse Project**
- Estimated Cost: \$700,000
- Construction Duration: 5 months

Miller Sweeney Bridge (Lifeline Project)

- **Lifeline Project**
- Feasibility Study Completed
- Estimated Cost: \$40,000,000

Funding

- Federal and Proposition 1B for No Collapse projects
- No funding sources have been identified for Lifeline project

Schedule

- 1st Park Street Bridge No Collapse project – July 2008
- 2nd High Street Bridge No Collapse project – February 2009
- 3rd Miller Sweeney (Fruitvale) Bridge No Collapse project – September 2009
- Lifeline project schedule will be subject to funding availability

How To Reach Us

For additional information on this Alameda County Public Works Agency project, please call Paul Keener, Senior Transportation Planner, at (510) 670-6452 or email to paulk@acpwa.org.