



# 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
- 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 Completed September 22, 2009
- Funding Source: Federal and Prop 1B



### **High Street Bridge (Constructed 1939)**

- **No Collapse Project**
- Estimated Cost: \$1,000,000
- Construction Completed September 22, 2009
- Funding Source: Federal and Prop 1B



### **Miller Sweeney (Fruitvale) Bridge (Constructed 1973)**

- **No Collapse Project**
- Estimated Cost: \$700,000
- Start Construction: September 2011
- Construction Duration: 5 months
- Funding Source: Federal and Prop 1B

### **Miller Sweeney Bridge (Lifeline Project)**

- **Lifeline Project**
- Feasibility Study Completed
- Estimated Cost: \$40,000,000
- Funding Source: Not Identified
- Construction Start: Not determined (subject to funding availability)

## **Next Step**

#### Detour /Traffic Plan

- Working with the City of Alameda

#### Community Notification

- Advance notice before construction begins

#### Project Sequencing

- Park Street Bridge No Collapse project – Completed September 2009
- High Street Bridge No Collapse project – Completed September 2009
- Miller Sweeney (Fruitvale) Bridge No Collapse project – Under construction

## **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.