

ORIGINALLY CONSTRUCTED IN 1902, THE VULNERABILITIES BELOW INDICATE THAT THE EXISTING MASONRY ARCH BRIDGE IS IN NEED OF MITIGATION TO ENSURE CONTINUED SERVICEABILITY AFTER EXTREME EVENTS SUCH AS SCOURING FROM HIGH WATER FLOWS AND GROUND SHAKING FROM SEISMIC FORCES.

## BRIDGE INSPECTION

SIGNS OF PHYSICAL DETERIORATION



SEPARATION OF SPANDREL WALLS FROM ARCH

## MATERIAL INVESTIGATION

CONCRETE IS NOT AS STRONG AND PREDICTABLE



NO STEEL BAR REINFORCEMENT IN CONCRETE WALLS

## SCOUR INSPECTION

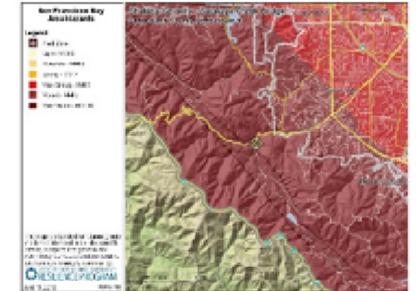
FOUNDATION IS VULNERABLE TO BEING UNDERMINED AND WEAKENED



NO PILING UNDER EXISTING FOOTINGS

## STRUCTURAL ASSESSMENT

SEISMIC VULNERABILITY DUE TO PROXIMITY TO THE SAN ANDREAS FAULT



DOWNTOWN NAPA, CA 2014

## PROCESS OVERVIEW

### Step 1: Scoping (We are here)

- Start Early Consultation with permitting agencies and interested members of the public.

### Step 2: Draft Environmental Document (DED)

- The DED will be written based on the results of studies done to assess the proposed project impacts.

### Step 3: Public Review and Comment Period

- The DED is made available for public review.
- A public hearing will be held for the DED to encourage comments from the public.

### Step 4: Final Environmental Document (FED)

- Comments on the DED are addressed.
- A favored alternative is chosen.
- The document is finalized and made publicly available.

## PURPOSE OF SCOPING

- Identify a reasonable number of viable project alternatives. A viable alternative is one that is structurally sound and not cost prohibitive.
- Identify significant community or environmental concerns that should be addressed early in the environmental process.

## HOW TO PARTICIPATE

Please provide written comments on:

- Community or environmental resources that have the potential to be impacted by the project;
- Foreseeable problems that may be caused by the alternatives;
- Suggestions for improvements on the alternatives;
- Suggestions for new viable alternatives.

**Useful comments are specific! Please avoid generalizations and instead focus on the impacts and alternatives you think should be included and the reason why.**

## HOW WE USE PUBLIC COMMENTS

The comments that we receive will be consolidated into a Scoping Summary Report. This report will highlight the significant concerns and suggestions that have been identified during the scoping process and discuss how these comments will be addressed in the Draft Environmental Document.

### PROJECT DESCRIPTION AND SCOPE:

In Santa Clara County on Route 9, PM 4.3/5.3 in the City of Saratoga, Saratoga Creek Bridge No. 37-0074. This project is funded through the Bridge Preservation Category within the State Highway Operation and Protection Program (SHOPP). The Office of Structure Maintenance and Investigations recommended to replace the existing bridge due to seismic, and structural concerns.

### Schedule/Cost\*:

**Target Draft Circulation:** Spring 2017

**Target Start of Construction:** Winter 2020

**Project Capital Cost:** 15 – 30 Million

\*Schedule and cost are tentative estimate.



### STATUS:

- **Project team is working on an Environmental Impact Report and requirements for environmental review.**
- **Alternatives/Options have been identified:**
  - **South Alignment:** Constructing a new bridge with a potential to remove the existing bridge.
  - **North Alignment:** Constructing a new bridge with a potential to remove the existing bridge.
  - **Existing Alignment:**
    - 1) Replicate the existing bridge with concrete façade treatment.
    - 2) Replicate existing bridge by reusing existing façade.
    - 3) A modern bridge
  - **No Build:** Do nothing. Existing structure remains as is.

### POTENTIAL COMMUNITY, CULTURAL, AND ENVIRONMENTAL IMPACTS:

- Historic bridge
- Adjacent resort/campground, County park, and winery
- Potential nearby historic sites
- Visual changes to landscape
- Trees and creek
- Construction noise and access impact

### PROJECT CONTACT INFORMATION:

**Project Manager:** Fariba Zohoury

**Senior Design:** Patrick Ng

**Environmental Senior:** Jamie Le Dent

