



Bridge Preventive Maintenance Program

PROJECT BACKGROUND

Three bridges in Fairfax have been determined to require preventive maintenance to extend the lifespan of the bridges and to prevent their further deterioration.

Each of the three bridges and the expected maintenance work is described below. See the reverse side for ways you can follow the project and get involved.

CANYON ROAD BRIDGE



The Canyon Road Bridge was reconstructed in 1998, as a one-lane concrete bridge connecting Canyon Road to Cascade Drive over the San Anselmo Creek. The bridge is 33 feet long and 12 feet wide, with an asphalt surface. Nestled in a residential neighborhood, the bridge carries small utilities and has some graffiti and painting on bridge abutments. The bridge is intended to remain open during the repairs since a detour is not available between Canyon Road and Cascade Drive. However, there may be times the road will need to be partially closed during the day for construction. Construction is not anticipated until late 2014 or early 2015.



Anticipated Repairs

- Replace concrete sack wingwall with integral reinforced concrete wingwall
- Fortify the downstream wingwall on the same side
- Repair concrete surface at left abutment wall (looking downstream)
- Protect the deck with polyester concrete
- Repair superstructure concrete spalls

MARIN ROAD BRIDGE



The Marin Road Bridge, built around 1930, is a two-lane bridge approximately 27 feet long and 27 feet wide. The Bridge is in a residential area, connecting Olema Road with Sir Frances Drake Boulevard (SFDB), a major arterial. The bridge is generally in fair condition, with some graffiti visible. During repairs (2015), the bridge may be partially closed during daytime working hours for a few days.



Anticipated Repairs

- Repair and patch spalls at one bridge abutment
- Replace toppled wingwall
- Repair two other damaged wingwalls

SPRUCE ROAD BRIDGE



Built around 1930, Spruce Bridge is approximately 22 feet long and carries two lanes of traffic, with narrow sidewalks on both sides. The bridge connects Spruce Road to Arroyo Road, which leads to Sir Francis Drake Blvd. Both the creek and the bridge corners are tightly encroached upon. During repairs (2015), the bridge may be partially closed during daytime working hours for a few days.



Anticipated Repairs

- Protect abutment footing and repair foundation erosion
- Place a polyester concrete overlay on the roadbed
- Repair soffit spalls and abutment damage
- Replace joint seals



Canyon Road Bridge



Marin Road Bridge



Spruce Road Bridge

COSTS AND FUNDING

The project is funded through the federal Highway Bridge Program (HBP), administered through Caltrans, and provides a limited and specific scope of bridge repairs. Most of the funding for these projects – 88.53% – is provided through the program, with the Town contributing the remaining 11.47% needed. This provides a great opportunity for Fairfax to make significant infrastructure improvements with relatively small financial outlays.

Because it is federally funded, the project must clear both federal and state environmental requirements (NEPA and CEQA).

DESIGN AND IMPLEMENTATION

In order to repair the bridges, the engineering team will:

- Inspect the bridges
- Assess the full condition of the bridges and repair needs
- Develop a strategy and design for implementing repairs
- Finalize the repairs design and environmental and hydraulic assessments
- Implement the construction of the repairs

The engineering team will specify designs and maintenance practices that minimize waste, maximize site ecological functioning, and integrate public access and educational opportunities. Utmost care will be taken to minimize disruptions and inconvenience to bridge users – including residents, businesses, schools, and emergency services – during construction.

PROJECT SCHEDULE

Inspections and assessments of the bridge will begin in November of 2013. Environmental studies will take place in late 2013 through 2014, and repairs will likely begin in 2015. As the project progresses, the schedule will be refined and updated on the project website.

PROJECT TIMELINE



FOR MORE INFORMATION

A Public Workshop will be held in early 2014 to review all the information gathered so far, present findings of the studies, and gather input from the public. Please plan to attend! You'll be notified of the exact date and time by mail.

To stay connected to the BPMP project, and to ask questions or make comments:

- Visit the website: <http://fairfaxbridges.com>
- Email: info@fairfaxbridges.com
- Call the project contacts: Valerie Taylor or Daniele Petrone with Nelson\Nygaard, at 415-284-1544

