

Bridge Preventive Maintenance Plan

The purpose of the Bridge Preventive Maintenance Programs (BPMP) is to help local agencies extend the life of their bridges by performing certain activities that have been pre-approved by the Federal Highway Administration. The Bridge Preventive Maintenance Program Goals are to:

- Maintain the existing inventory of bridges in a structurally safe and serviceable condition;
- Correct minor structural defects;
- Correct minor structural deficiencies early in a bridge's life, rather than wait until a bridge has major problems requiring costly rehabilitation, reconstruction or replacement;
- Extend the service lives of existing bridges; and,
- Make efficient use of limited resources.

The first order of work for the BPMP is determination of the County's bridges BPMP eligibility and project prioritization. Then review the entire County's biannual bridge inspection report (BIR) prepared by Caltrans and make a determination of its BPMP eligibility. Once eligibility is determined then visit the eligible bridges to confirm conditions reported in the BIR and assess the needs of the bridge. Upon completion of the site visit project prioritization commences. The highest priority projects should include the repair of scour countermeasures, embankment erosion control and the repair, restoration, and strengthening of structural elements. The last order of work is to prepare construction estimates and other remaining docs in preparation for submittal to Caltrans for review and approval.

The scope of the project includes:

- Preparation of procedures to prioritize bridge maintenance projects;
- Review Caltrans maintenance reports and site visits;
- Estimate project costs;
- Prioritize projects; and
- Submit final BPMP to County and Caltrans.