

Project Report for Measure X Expenditures

1. Bridge Preventive Maintenance Project (Methacrylate/Polyester Overlay) \$362,629

The purpose of the project was to rehabilitate the bridge decks of 16 bridges located throughout the County with methacrylate or polyester concrete. The project also repaved several bridge approaches and replaced bridge joint seals as well. The project was funded by FHWA HBMP (88.53%) and Measure X provided the local match (11.47%).



Before and after the rehabilitation of Big Sandy Road bridge deck



Elkhorn Road Bridge Approach and bridge deck Rehabilitation

2. Schulte Road Bridge No. 501

\$9,665

The project replaced a 54-year old, one lane bridge on Schulte Road over the Carmel River. The old bridge did not meet Caltrans seismic, structural, and geometric standards nor meet current American Association of Safety and Highway Transportation Officials (AASHTO) geometric standards for rural roadways. The project was built over two construction seasons given the limited construction-time window dictated by the regulatory agencies to protect the sensitive habitat and wildlife in the area. The project was primarily funded by FHWA HBP (88.53%) and Measure X provided local matching funds and the funds to complete the revegetation monitoring and reporting to the regulatory agencies.



Successful revegetation along the banks of the Carmel River following the replacement of the Schulte Road Bridge.

3. Gonzales River Road Bridge Superstructure Replacement

\$9,755

The project proposes to replace the Gonzales River Road bridge over the Salinas River. The existing bridge is a multi-span bridge that is 1660 feet long and 20 feet wide. The proposed bridge will be 1661 feet and 44 feet wide using the existing substructure that was retrofitted in 2002. The last two spans on the westerly side of the bridge will also need to be replaced to accommodate the 100-year flood flows. The bridge approaches will need to be realigned and widened to match to the new bridge.

The project is funded by FHWA HBMP (88.53%) and Measure X provided the local match (11.47%). The project is in the preliminary engineering and environmental documentation phase. This phase is expected to be completed next fiscal year.



Existing Gonzales River Road bridge



4. Monterey Bay Sanctuary Scenic Trail - Moss Landing Segment

\$5,751

The project proposes to construct a Class 1 bike/ped path along State Route One between Moss Landing Road and the North Harbor of Moss Landing. As part of the project a new 386-foot long bridge, parallel to the State Highway One bridge, will be constructed to cross the Elkhorn Slough. The project is in the right-of-way and permitting phase. The Project is funded by a variety of Federal, State and Local funds. The Measure X contribute to the local match for federal grants.



At the southern limit of the Moss Landing Segment the trail will be located between Moss Landing Harbor and Moss Landing Road.



North end of project looking south toward Moss Landing Harbor. The Elkhorn Slough Bike Bridge will span Elkhorn Slough parallel to the existing State Route 1 Bridge. The Elkhorn Slough Bike Bridge will include rest area to stop and enjoy the scenery.

5. FY 17 PAMP Rehabilitation/Overlay Project**\$444,502**

The pavement was rehabilitated on four road section in Monterey County. The four road sections were Jolon Road between Pine Canyon Road and US Highway 101, Carpenter Street east of State Route One, the intersection of Reservation Road and Blanco Road, and the southerly portion of Pajaro Street in Castroville. The County JOC process was utilized to deliver these four project in an expedited fashion to provide immediate repair to the dilapidated road sections. The Measure X funds were used in conjunction with County General funds to maximize the extent of the repairs.

6. Las Lomas Drainage**\$99,291**

The Las Lomas Community has dealt with periodic localized along Las Lomas Drive for years. The Project consists of the installation of new storm drainage infrastructure, pavement reconstruction, and utility relocations to allow space for the new storm drain system. Given the complexity of the Project, the project was divided in phases. The first phase was completed and consisted of replacing the large diameter culvert under Hall Road.

The project is funded by County General funds and Measure X funds. The Measure X will be used to fully fund the project all the project phases. The project is in the right-of-way acquisition phase.

7. Blanco Road Overlay**\$24,630**

The Project consists of rehabilitating existing asphalt pavement on Blanco Road between Davis Road and Research Drive. The work will entail grinding the existing pavement and paving 2.4-inches of hot mix asphalt concrete (HMA), new survey monuments, and installing new loop detectors. Project length is approximately 4.56 miles. The total estimated project cost, including engineering, environmental, and construction is \$3,471,023. The project is funded primarily with Measure X funds and some of county Transit Occupancy Tax (TOT) funds.

8. San Jon and Boronda Road Bridges Rail Replacement**\$21,239**

The San Jon Road and Boronda Road Bridge Rail Replacement Project consists, in general, of replacing the existing bridge rails of two County bridges, San Jon Road Bridge and Boronda Road Bridge, to meet current State standards. The total estimated project cost, including environmental, engineering, and construction, is \$450,161. The project is funded mostly by the FHWA Highway Bridge Program (HBP) and Measure X. Measure X provided the require 11.43% local match.

9. Systemic Safety Analysis Report Program

\$371

The county was a recipient of a State grant (\$90,00) to prepare a collision analysis and identify treatments for high collision location through Monterey County. The analysis will look at high accident location at signalized intersection, unsignalized intersection and rural roadways. The Measure X funds are providing the 10% local match to the State funding.

10. Peach Tree Bridge Replacement

\$3,776

The proposed Project replaced the old seismically deficient bridge on Peach Tree Road over Pancho Rico Creek, located in southern Monterey County. The Project involved the installation of a new single clear span bridge over Pancho Rico Creek with a structure that met current California Department of Transportation (Caltrans) seismic standards. The former bridge was constructed in 1955, and was approximately 17 feet wide and 59 feet long and did not meet current design or seismic safety standards. The new bridge is approximately 28 feet wide and 80 feet long and clear-spans Pancho Rico Creek. The new bridge is supported by two abutments, one on each side of the creek, outside of the creek channel.

The project was primarily funded by FHWA HBP (88.53%) and Measure X provided the funds to complete the revegetation monitoring and reporting to the regulatory agencies.

11. Nacimiento Drive Bridge Replacement

\$87,234

The proposed project is located on Nacimiento Lake Drive approximately seven miles southwest of the community of Bradley in South County. The project will replace the existing seismically deficient one-lane Nacimiento Lake Drive Bridge with a new two lane bridge. The existing will be replaced with a structure that met current California Department of Transportation (Caltrans) seismic standards. The project is in the final stages of the right-of-way phase and utility relocations.

The project is primarily funded by FHWA HBP. Measure X funds augment funding for the right-of-way phase.