

Appendix A

Local Streets and Roads Project List

As required by the Road Repair and Accountability Act of 2017 – Local Streets and Roads Funding, Road Maintenance and Rehabilitation Account (RMRA)

General Information

Name: Unincorporated Contra Costa County

Point of Contact:

Steve Kowalewski
Deputy Director
Contra Costa County Public Works Department
255 Glacier Drive
Martinez, CA 94553
(925) 313-2225
steve.kowalewski@pw.cccounty.us

Legislative Districts:

- Senate – 3, 7, 9
- Assembly – 11, 14, 15, 16

Jurisdiction's Average Network PCI and date/year of measurement:

- 70 (3 year moving average, 2013-2015)

Fiscal Year: 17 - 18

Supplementary Information: The projects below were identified as priorities for the County to implement within the next year. The first two projects are necessary to restore the County's road network which was cut as a result of the past winter's rains. The third project is a much needed pavement surface treatment that has been delayed for three years. Funds for these three projects represent the majority of the RMRA funds for this year. The remaining four projects round out the County's proposed construction with complete street improvements for pedestrians and cyclists centered on schools and residential neighborhoods. The RMRA funds will allow these capital improvement projects to be put into the ground after being delayed for a few years due to decreased funding.

Proposed Project 1: Morgan Territory Road Slide Repair Project

Description:

- The project will repair the roadway over 300 feet by constructing a stitch pile retaining wall (concrete and rebar piles) and a soldier pile wall (concrete encased steel piles with concrete lagging). The project is needed because the uphill side

of the road and the road itself began to slide towards the creek after hillside ground saturation during the heavy rains of January and February 2017 and forced temporary closure of the road.

- RMRA Priority: Safety Project
- County Project No. 0672-6U6203

Location:

- Approximately 1 mile south of Marsh Creek Road, Clayton area
- 37°53'31.2"N 121°52'22.8"W

Proposed Schedule for Completion:

- Anticipated construction year – 2017

Estimated Useful Life:

- 20 years (pavement)
- 75 years (retaining walls)

Proposed Project 2: Alhambra Valley Road Washout Repair Project

Description:

- The project will construct a single span, pre-cast concrete bridge approximately 60 ft. by 40 ft. The project is needed because the culvert and road collapsed during the heavy rains of January 2017 and forced closure of the road.
- RMRA Priority: Safety Project
- County Project No. 0672-6U6201

Location:

- Approximately 100' east of Castro Ranch Road (over Pinole Creek), Pinole area
- 37°58'16.5"N 122°14'34.0"W

Proposed Schedule for Completion:

- Anticipated construction year – 2017

Estimated Useful Life:

- 75 years (bridge)

Proposed Project 3: Bay Point Asphalt Rubber Cape Seal Project

Description:

- The project will apply an asphalt rubber chip seal covered with a type II slurry seal to approximately 258,930 square yards of roadway and a type II slurry seal on an additional 42,060 square yards of roadway in the Bay Point area. Work will also include surface preparation and pavement striping and markings.
- RMRA Priority: Road Maintenance and Rehabilitation

- County Project No. 0672-6U2154

Location:

- Approximately 76 streets in the Bay Point area
- 38.029328°, -121.962791°

Proposed Schedule for Completion:

- Anticipated construction year – 2018

Estimated Useful Life:

- 7 years (pavement surface treatment)

Proposed Project 4: Pomona Street Pedestrian Safety Improvement Project – Phase II

Description:

- The project will improve two pedestrian crossings on Pomona Street near three schools and a community center. At Pomona Street at 3rd Avenue, a rapid repeating flashing beacon (RRFB) and other pedestrian improvements will be added. At Pomona Street and Rolph Avenue, bulb outs and ramps will be added.
- RMRA Priority: Complete Streets Components
- County Project No. 0622-6U4090

Location:

- Pomona St at 3rd Avenue
 - 38.052399°, -122.222940°
- Pomona St at Rolph Avenue
 - 38.052394°, -122.219860°

Proposed Schedule for Completion:

- Anticipated construction year – 2018

Estimated Useful Life:

- 50 years (concrete)
- 12 years (RRFB)

Proposed Project 5: Tara Hills Pedestrian Infrastructure Project

Description:

- The project will construct 22 ADA compliant curb ramps on the roads surrounding the Tara Hills Elementary School and North Campus Continuation High School.
- RMRA Priority: Complete Streets Components

- County Project No. 0662-6R4211

Location:

- Dolan Way, Flannery Road, Shamrock Drive, Tara Hills area
- 37.993478°, -122.316368°

Proposed Schedule for Completion:

- Anticipated construction year – 2018

Estimated Useful Life:

- 50 years (concrete)

Proposed Project 6: Pedestrian Crossing Enhancements Project – Central & East County

Description:

- The project will install ten rectangular rapid flash beacons (RRFB) at uncontrolled crosswalks at seven school sites in Central and East County.
- RMRA Priority: Complete Streets Components
- County Project No. 0662-6R4112

Location:

- 1 – Delta Road, Knightsen Elementary School, Knightsen area
 - 37°58'7.72"N 121°39'38.55"W
- 2 – Newport Drive, Timber Point Elementary School, Discovery Bay area crossing
 - Two crossing sites
 - 37°54'28.43"N 121°37'13.99"W
 - 37°54'19.35"N 121°37'10.82"W
- 3 – Willow Lake Road, Discovery Bay Elementary School, Discovery Bay area
 - 37°54'2.50"N 121°35'56.17"W
- 4 – Marina Road, Shore Acres Elementary School, Bay Point area
 - Two crossing sites
 - 38° 2'10.26"N 121°58'14.53"W
 - 38° 2'10.29"N 121°58'11.49"W
- 5 – Pacifica Avenue, Riverview Middle School, Bay Point area
 - Two crossing sites
 - 38° 2'2.52"N 121°58'2.55"W
 - 38° 2'2.53"N 121°57'56.32"W
- 6 – Castle Rock Road, Northgate High School, Walnut Creek area
 - 37°54'27.44"N 122° 0'25.22"W
- 7 – Magnolia Way, Parkmead Elementary School, Walnut Creek area
 - 37°53'13.37"N 122° 4'6.83"W

Proposed Schedule for Completion:

- Anticipated construction year – 2018

Estimated Useful Life:

- 12 years (RRFB)

Proposed Project 7: Blackhawk Road Bikeway Project

Description:

- The project will stripe a class 2 bike lane for 3.3 miles and class bikeway for 0.3 miles (a portion at each end of the project) and connect to existing class 2 and class 3 bikeways using thermoplastic striping. The bikeway will also use green pavement markings at transition areas.
- RMRA Priority: Complete Streets Components
- County Project No. 0662-6R4018

Location:

- Blackhawk Road, between Camino Tassajara and Mt. Diablo Scenic Drive, Blackhawk/Danville area
- 37.799376°, -121.921493°

Proposed Schedule for Completion:

- Anticipated construction year – 2018

Estimated Useful Life:

- 7 years (thermoplastic striping)