

# **Attachment 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:

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Legislative Districts:

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

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

- County Average PCI = 72 (as of March 2021)

Fiscal Year (FY): 2023/2024

### **Rationale for Project List Selection for FY 2023/2024 RMRA allocation**

Staff has developed a recommended list of projects for the Transportation, Water and Infrastructure Committee and the Board of Supervisors to consider submitting to the California Transportation Commission.

The following criteria will be used by staff when developing the current and future project list for RMRA funds:

- Eligibility criteria for RMRA funds as shown in the text of Senate Bill 1 (SB1)
- Emergency storm damage projects that exceeded existing road fund revenue capacity
- Maintenance and rehabilitation priorities
- Roadway safety
- Expiring grants where local funds are necessary to complete the funding package
- Geographic equity
- Multimodal benefits in accordance with the Board of Supervisor's Complete Streets policy
- Positive impact to Road Program performance metrics
- Meeting customer expectations

The County currently uses the majority of the total gas tax funds received towards public roadway maintenance and repair of over 660 miles of the roadway network in the unincorporated areas to ensure a safe and convenient public travel in a variety of modes: driving, walking, and bicycling. These funds are also used to improve traffic safety throughout the County by using it as the local match to leverage funds from state and federal grant programs.

The California State Association of Counties (CSAC) annually provides an estimate of the total gas tax revenues the County can expect to see from the transportation bill, including the total estimated revenue from RMRA program funds. CSAC estimates the County will receive about \$47.8 million in total transportation funding for FY 2023/2024 from SB1, with about \$20.5 million of that amount from the RMRA program.

In FY 2023/2024 it is proposed to designate all the RMRA funds for maintenance activities. The range of proposed projects in future years is expected to broaden as the amount of RMRA funds increases.

**PROPOSED PROJECTS (Total RMRA = \$20,500,000)**

**Proposed Project No. 1: Road Drainage Maintenance (RMRA = \$2,150,000) — Countywide**

Description:

- **Ditch Cleaning** — This routine item is to perform drainage ditch cleaning to remove debris and vegetation, which may obstruct the passage of storm water and cause local flooding. (RMRA = \$550,000)
- **Flush Culvert** — This routine item is to perform work associated with the cleaning of culverts by flushing with water and removing debris to ensure proper drainage and reduce flooding. (RMRA = \$500,000)
- **Clean Catch Basin** — This routine item is to perform cleaning of sediment and prevent obstructions of catch basins (drainage inlets) and related pipe systems. The County has thousands of catch basins throughout the unincorporated areas. (RMRA = \$800,000)
- **Inspect Catch Basin** — This routine item is to perform inspections of catch basins and associated systems. This includes a visual inspection of the drainage inlet and any clean water inserts. Follow-up video inspections may be required for deeper inlets and/or suspected structural issue concerning the inlets. (RMRA = \$300,000)

RMRA Priority:

- Road Maintenance and Rehabilitation

Location:

- Countywide

Proposed Schedule for Completion:

- Anticipated construction year — FY 23/24

Estimated Useful Life:

- 15–40 years (ditch — dirt roadway to concrete V-ditch)
- 40 years (concrete structures)

**Proposed Project No. 2: Traffic Safety Devices Maintenance (RMRA = \$2,030,000) —  
Countywide**

Description:

- **Replace Pavement Markers** — This item is to replace pavement markers on the roadway on an as needed basis. (RMRA = \$50,000)
- **Repair and Replace Guardrails** — This routine item is to perform all work associated with the installation of new guardrails or repair of existing guardrails. (RMRA = \$80,000)
- **Traffic Signing** — This routine item is to perform sign repair, replacement, and installation along the roadway. (RMRA = \$450,000)
- **Traffic Striping** — This routine item is to perform new painting, routine painting and replacement of pavement striping along the roadway to enhance public safety. (RMRA = \$350,000)
- **Paint Pavement Marking** — This routine item is to perform all work associated with new painting, routine painting, and replacement of existing pavement markings along the roadway. (RMRA = \$200,000)
- **Inspect & Maintain Guardrails** — This routine item is to perform all work associated with the annual/periodic inspection and maintenance of County-maintained guardrails, which includes inspection of condition, tightening of nuts and bolts, and other adjustments to ensure that the guardrails perform as designed. (RMRA = \$100,000)
- **Thermoplastic Pavement Markings** — This routine item is to perform all work associated with the new application, routine maintenance, and replacement of existing thermoplastic pavement markings. (RMRA = \$100,000)
- **Signals and Flashers** — This routine item is to perform the repair, installation, and replacement of County-maintained signals and flasher. (RMRA = \$700,000)

RMRA Priority:

- Road Maintenance and Rehabilitation

Location:

- Countywide

Proposed Schedule for Completion:

- Anticipated construction year — FY 23/24

Estimated Useful Life:

- 10 years (roadway signage)
- 2–4 years (roadway striping — thermoplastic)

**Proposed Project No. 3 Pavement Repairs and Preparation (RMRA = \$937,900) — Countywide**

Description:

- **Pothole Patching** — This routine maintenance item is to perform spot pavement repairs of potholes along the roadway to eliminate surface hazards. (RMRA = \$500,000)
- **Pavement Fabric Patching** — This routine maintenance item is to perform pavement fabric patching along the roadway to correct minor pavement defects and prevent further cracking. An area of existing damaged asphalt will be removed and excavated to allow a fabric patch to be placed. The roadway base will be compacted and leveled to support the new fabric layer and asphalt layer. (RMRA = \$437,900)

RMRA Priority:

- Road Maintenance and Rehabilitation

Location:

- Countywide

Proposed Schedule for Completion:

- Anticipated construction year — FY 23/24

Estimated Useful Life:

- 7 years (pavement surface treatment)

**Proposed Project No. 4: Countywide Surface Treatments (TOTAL COST = \$15,381,000) — Countywide**

**Proposed Project No. 4A: Surface Treatment Project (2023) (RMRA = \$12,500,000) — Countywide**

Description:

- **Countywide Surface Treatment Project (2023)** — This project will apply an asphalt rubber cape seal, slurry seal, or microsurface to 109 lane miles of roadways in the Bay Point, Pacheco, and Contra Costa Centre areas as well as a section of Kirker Pass Road. The work will also include preparation and pavement striping and markings. (RMRA = \$12,500,000)

RMRA Priority:

- Road Maintenance and Rehabilitation

Location:

- Countywide (Bay Point — 106 streets, Pacheco — 40 streets, Contra Costa Center — 32 streets, Kirker Pass Road — 1)

Proposed Schedule for Completion:

- Anticipated construction year — 2023

Estimated Useful Life:

- 7 years (pavement surface treatment)

Proposed Project No. 4B: Countywide Chip Seal Projects (RMRA = \$2,881,000) — Countywide

Description:

- **Single Chip Seal Project (2023)** — This project will apply a single chip seal to various roads as a pavement preservation project. Work will also include surface preparation and pavement striping and markings. (RMRA = \$1,181,000)
- **Double Chip Seal Project (2023)** — This project will apply a double chip seal to various roads as a pavement preservation project. Work will also include surface preparation and pavement striping and markings. (RMRA = \$1,700,000)

RMRA Priority:

- Road Maintenance and Rehabilitation

Location:

- Countywide

Proposed Schedule for Completion:

- Anticipated construction year — 2023

Estimated Useful Life:

- 7 years (pavement surface treatment)