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Return To: Public Works Department, Transportation Engineering

THE BOARD OF SUPERVISORS OF CONTRA COSTA COUNTY, CALIFORNIA
and for Special Districts, Agencies and Authorities Governed by the Board

Adopted this Resolution on 04/28/2020 by the following vote:

AYE: John Gioia, District I Supervisor Candace Andersen, District II Supervisor Diane Burgis, District III Supervisor Karen Mitchoff, District IV Supervisor Federal D. Glover, District V Supervisor

NO:

ABSENT:

ABSTAIN:

RECUSE:

Resolution No. 2020/121

IN THE MATTER OF ADOPTING a list of projects for Fiscal Year 2020/21 funded by Senate Bill 1 (SB 1): The Road Repair and Accountability Act of 2017.

WHEREAS, SB 1, the Road Repair and Accountability Act of 2017 (Chapter 5, Statutes of 2017) was passed by the Legislature and Signed into law by the Governor in April 2017 in order to address the significant multi-modal transportation funding shortfalls statewide; and

WHEREAS, SB 1 includes accountability and transparency provisions that will ensure the residents of our County are aware of the projects proposed for funding in our community and which projects have been completed each fiscal year; and

WHEREAS, the County must adopt by resolution a list of all projects proposed to receive funding from the Road Maintenance and Rehabilitation Account (RMRA), created by SB 1, which must include a description and the location of each proposed project, a proposed schedule for the project's completion, and the estimated useful life of the improvement; and

WHEREAS, the County, will receive an estimated \$16.4 million in RMRA funding in Fiscal Year 2020/21 from SB 1; and

WHEREAS, this is the fourth fiscal year in which the County is receiving SB 1 funding and will enable the County to continue essential road maintenance and rehabilitation projects, safety improvements, repairing and replacing aging bridges, and increasing access and mobility options for the traveling public that would not have otherwise been possible without SB 1; and

WHEREAS, the County has undergone a public process to ensure public input into our community's transportation priorities/the project list; and

WHEREAS, the County used a Pavement Management System to develop the SB 1 project list to ensure revenues are being used on the most high-priority and cost-effective projects that also meet the communities' priorities for transportation investment; and

Whereas, the funding from SB 1 will help the County maintain and rehabilitate its roadways at a significantly higher level, add active transportation infrastructure throughout the County this fiscal year and hundreds of similar projects into the future; and

WHEREAS, the SB 1 project list and overall investment in our local streets and roads infrastructure with a focus on basic

maintenance and safety, investing in complete streets infrastructure, and using cutting-edge technology, materials and practices, will have significant positive co-benefits statewide.

NOW, THEREFORE IT IS HEREBY RESOLVED, ORDERED AND FOUND by the Contra Costa County Board of Supervisors, State of California, as follows:

1. The foregoing recitals are true and correct.
2. The following list of proposed projects will be funded in-part or solely with Fiscal Year 2020/21 Road Maintenance and Rehabilitation Account revenues:

PROPOSED PROJECTS (Total RMRA = \$16.4 million)

Proposed Project No. 1: Road Drainage Maintenance (RMRA = \$1.20 million)- Countywide

Description:

- **Ditch Cleaning** – This routine maintenance item is to perform drainage ditch cleaning to remove debris and vegetation which may obstruct the passage of stormwater and cause local flooding. (RMRA = \$400,000) County Project No.: 0672-6U2303
- **Clean Catch Basin** – This routine maintenance 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 portions of the County. (RMRA = \$500,000) County Project No.: 0672-6U2308
- **Inspect Catch Basin** – This routine maintenance 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) County Project No.: 0672-6U2316

RMRA Priority: Road Maintenance and Rehabilitation

Location:

- Countywide

Proposed Schedule for Completion:

- Anticipated construction year – FY 20/21

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 = \$950,000) - Countywide

Description:

- **Traffic Signing** – This routine maintenance item is to perform sign repair, replacement, and installation along the unincorporated County roadways. (RMRA = \$450,000) County Project No.: 0672-6U2504
- **Traffic Striping** – This routine maintenance item is to perform new painting, routine painting and replacement of pavement striping along the unincorporated County roadways to enhance public safety. (RMRA = \$500,000) County Project No.: 0672-6U2505

- RMRA Priority: Road Maintenance and Rehabilitation

Location:

- Countywide

Proposed Schedule for Completion:

- Anticipated construction year – FY 20/21

Estimated Useful Life:

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

Proposed Project No. 3: Pavement Repairs and Preparation (RMRA = \$4.2 million)- Countywide

Description:

· **Pot Hole Patching** – This routine maintenance item is to perform spot pavement repairs of pot holes along the unincorporated County roadways to eliminate surface hazards. (RMRA = \$500,000) County Project No.: 0672-6U2101

· **Pavement Fabric Patching** – This routine maintenance item is to perform pavement fabric patching along the unincorporated County roadways 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 = \$500,000) County Project No.: 0672-6U2102

· **Pavement Failure Repair - Backhoe** – This routine maintenance item is to conduct pavement failure repair along the unincorporated County roadways. This task requires the removal of a larger area of cracked or damaged pavement with a backhoe. The roadway base will be compacted and overlaid with new asphalt. (RMRA = \$500,000) County Project No.: 0672-6U2103

· **Pull Box Paving** – This is a roadway paving operation to place asphalt on localized roadway depressions to provide a smooth riding surface for the motorized public along the unincorporated County roadways. (RMRA = \$525,000) County Project No.: 0672-6U2104

· **Hand Patching** – This is similar to pot hole patching to conduct spot pavement repairs along unincorporated County roadway, but on a smaller scale. (RMRA = \$500,000) County Project No.: 0672-6U2105

· **Crack Sealing** – This pavement preservation task is to seal cracks in the roadway. Cracks are typically filled in to seal the roadway structural section from water penetration. The goal is to prolong the service life of the pavement and/or prepare the roadway surface for an overlay. (RMRA = \$600,000) County Project No.: 0672-6U2106

· **Leveling** – This task is associated with leveling of large settlements, depressions, surface irregularities and recent large pavement repairs. This is to provide a smooth riding surface for the motorized public along unincorporated County roadways. (RMRA = \$475,000) County Project No.: 0672-6U2107

· **Pavement Failure Repair – Grinder** – This task is to remove badly cracked or broken pavement. The roadway is then replaced with new asphalt and roadway base rock. This task supports pavement preservation operations and also extends the service life of the roadway pavement. (RMRA = \$600,000) County Project No.: 0672-6U2123

· RMRA Priority: Road Maintenance and Rehabilitation

Location:

· Countywide

Proposed Schedule for Completion:

- Anticipated construction year – FY20/21

Estimated Useful Life:

- 7 years (pavement surface treatment)

Proposed Project No. 4: County-Wide Surface Treatments (RMRA = \$6.9 million)

Countywide:

· **Double Chip Seal Project** – This project will apply a double chip seal to various roads as a pavement preservation project in the unincorporated Contra Costa County. Locations will include Orinda (Bear Creek Road), Franklin Canyon, Knightsen/Brentwood, Bryon and San Ramon areas. Work will also include surface preparation and pavement striping and markings. (RMRA = \$2,200,000) County Project No. 0672-6U2182

· **Asphalt Rubber Cape Seal Project** - The project will apply an asphalt rubber chip seal covered with a type II slurry seal to various roadways in the El Sobrante, North Richmond, and Alamo areas. Work will also include surface preparation and pavement striping and markings. (RMRA = \$4,750,000) County Project No. 0672-6U2184

· RMRA Priority: Road Maintenance and Rehabilitation

Location:

· Countywide

Proposed Schedule for Completion:

- Anticipated construction year – FY 20/21

Estimated Useful Life:

7 years (pavement surface treatment)

Proposed Project No. 5: Kirker Pass Road Northbound Truck Lanes (\$3.1 million)

- The project consists of pavement widening for a truck climbing lane with 8 foot paved shoulders; relocation of HMA dike, concrete ditches, and other drainage features; retaining wall construction; installation of signage and striping; construction of two C.3 bioretention areas; relocation of existing roadside features, and pavement rehabilitation on Kirker Pass Road which consists of 0.1 feet grind and overlay of open grade rubberized hot mix asphalt (HMA). There are significant roadway conformances at Hess Road due to change in grade. (RMRA = \$3,100,000) County Project No. 0662-6R4052

· RMRA Priority: Roadway Safety, Road Maintenance and Rehabilitation

Location:

· Kirker Pass Road from Concord Pavilion to about 4,200 feet north of North Hess Road

Proposed Schedule for Completion:

- Construction year – FY 20/21

Estimated Useful Life:

- 40 years (roadway widening)

15 years (pavement surface treatment)

Contact: Nancy Wein, 925.313.2275

I hereby certify that this is a true and correct copy of an action taken and entered on the minutes of the Board of Supervisors on the date shown.

ATTESTED: April 28, 2020

David J. Twa, County Administrator and Clerk of the Board of Supervisors

By: June McHuen, Deputy

cc: