



County of Sonoma

State of California

Date: April 16, 2019

Item Number: _____

Resolution Number: _____

☐ 4/5 Vote Required

Resolution Of The Board Of Supervisors Of The County Of Sonoma, State Of California, Listing Projects To Be Funded By SB 1, THE ROAD REPAIR AND ACCOUNTABILITY ACT, Funds

WHEREAS, Senate Bill 1 (SB 1), the Road Repair and Accountability Act of 2017, was passed by the Legislature and signed into law by the Governor in April 2017 in order to address the significant transportation funding shortfalls statewide; and

WHEREAS, SB 1 includes accountability and transparency provisions that promote public awareness of the projects proposed for funding and which projects are to be 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 of Sonoma is projected to receive an estimated \$9.8 million in RMRA funding in Fiscal Year 2019-20; and

WHEREAS, this is the third year in which the County is receiving SB 1 funding through the RMRA. This funding will enable the County to continue essential road maintenance, rehabilitation projects, and safety improvements, along with funding repair and replacement of aging infrastructure such as 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 robust public process to ensure public input into identifying community transportation priorities; 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 apportioned SB 1 funding for Fiscal Year 2019-20 will help the County maintain and rehabilitate 1380 miles of streets and roads and 328 bridges, along with helping to add transportation infrastructure throughout the County. Future SB 1 funding will support and make possible hundreds of similar projects in the future; and

WHEREAS, if the Legislature and Governor failed to act by enacting SB 1, County roads and transportation infrastructure would have continued to deteriorate, having many and varied negative impacts on our community; and

WHEREAS, the 2016 California Statewide Local Streets and Roads Needs Assessment found that the County's streets and roads are in an "at-risk/poor" condition. SB 1 revenue will help the County increase the overall quality of our road system over the next decade; 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 Board of Supervisors of the County of Sonoma, State of California, as follows:

1. The foregoing recitals are true and correct.
2. The Fiscal Year 2019-20 list of projects planned to be funded with Road Maintenance and Rehabilitation Account revenues includes:

Pavement Preservation Program Projects— This Program aims to lower the long-term cost of maintaining County roads by examining pavement condition and other characteristics to determine the proper treatments, and when to apply them. "Chip Seal" is a treatment technique whereby aggregate is applied to road surface with a thin layer of liquid asphalt. "Overlay" consists of applying a mix of compacted aggregate and asphalt on top of road surfaces. "Fog Seal" is an application of a specially formulated asphalt emulsion to an existing asphalt pavement surface. "Microsurfacing" is spreading a mixture of polymer modified asphalt emulsion, mineral aggregate, mineral filler, water, and other additives, on a paved surface. The below Program projects will be completed in Fiscal Year 2019/20:

<u>Road</u>	<u>Location</u>	<u>Treatment</u>	<u>Useful Life (Est.)</u>
Arnold Drive (5603)	PM 14.26 – 16.40	Chip Seal	5-7 Years
Franz Valley Road (8808)	PM 10.00 – 13.05	Chip Seal	5-7 Years
Hunter Lane (68078)	PM 20.00 – 20.57	Chip Seal	5-7 Years
Moscow Road (7004)	PM 10.00 – 12.44	Chip Seal	5-7 Years
Ross Road (79031B)	PM 10.00 – 10.62	Chip Seal	5-7 Years
Thompson Lane (57025)	PM 10.00 – 10.84	Chip Seal	5-7 Years
Todd Road (6807A)	PM 10.57 – 11.87	Chip Seal	5-7 Years
Westside Road (8001)	PM 21.09 – 22.36	Chip Seal	5-7 Years
Yoakim Bridge Road (00001)	PM 10.00 – 10.64	Chip Seal	5-7 Years
Petaluma Hill Road (5701B)	PM 12.94 – 13.64	Fog Seal	5-7 Years
Guerneville Road (7807)	PM 10.00 – 15.10	Microsurfacing	5-7 Years
Alexander Valley Road (9902)	PM 10.07 – 12.63	Slurry Seal	5-7 Years
Armstrong Woods Road (8902B)	PM 10.00 – 12.16	Slurry Seal	5-7 Years
Fifth Street East (55024)	PM 10.00 – 10.80	Slurry Seal	5-7 Years

Road Maintenance and Operations Projects— Maintaining the County road system entails a vast array of work, including repair of damaged culverts and viaducts, cleaning and repair of road signs, removal of roadside vegetation, and repair of slip outs and landslides. Projects to be completed in Fiscal Year 2019-20 are:

<u>Road</u>	<u>Location</u>	<u>Treatment</u>	<u>Useful Life(Est.)</u>
Neeley Road (80120)	PM 14.92	Viaduct Replacement	30 Years
Calistoga Road (7703)	PM 11.99	Culvert Replacement	20-40 Years
Cazadero Highway (8101)	PM 16.32	Culvert Replacement	20-40 Years
Furlong Road (69052)	PM 11.02	Culvert Replacement	20-40 Years
Kruse Ranch Road (8102A)	PM 5.80	Culvert Replacement	20-40 Years
Armstrong Woods Road (8902B)	PM 10.50	Culvert Replacement	20-40 Years
Piner Road (66006)	PM 11.54	Culvert Replacement	20-40 Years

Lawndale Road (76023)	PM 10.94	Culvert Replacement	20-40 Years
Salmon Creek Road (60008)	PM 12.29	Culvert Replacement	20-40 Years
Liberty Road (58016)	PM 11.40	Culvert Replacement	20-40 Years
Furlong Road (69052)	PM 11.02	Culvert Replacement	20-40 Years
Irwin Road (78024)	PM 11.19	Culvert Replacement	20-40 Years

Road Maintenance Patching and Paving Program Projects – SB1 funding will be used for Maintenance's patching and paving program. The projects listed below are not a complete list of all the roads to be completed under this program as reassessment will happen throughout the year. Patching and paving a larger quantity of roads in 19/20 will extend the life of more roads before an extensive and expensive repair is required. The flexibility of funding the patching and paving program will help improve the conditions overall of the County's road system. Projects estimated to be completed in Fiscal Year 2019-20 are:

<u>Road</u>	<u>Location</u>	<u>Treatment</u>	<u>Useful Life(Est.)</u>
Porter Creek Road (8801B)	PM 19.81 - 20.19	Grind & Patch Pave	5-10 Years
River Road (8802B)	PM 13.18 – 15.18	Grind & Patch Pave	5-10 Years
West Railroad Avenue (58333B)	PM 10.39 – 11.47	Grind & Patch Pave	5-10 Years
Stony Point Road (6803)	PM 19.90 – 21.23	Grind & Patch Pave	5-10 Years
Occidental Road (7803)	PM 10.00 – 15.17	Grind & Patch Pave	5-10 Years
Bohemian Highway (6002D)	PM 10.40 – 11.96	Grind & Patch Pave	5-10 Years
Jewett Road (58028)	PM 10.00 – 10.98	Grind & Patch Pave	5-10 Years
Rainsville Road (57032)	PM 10.65 – 11.42	Grind & Patch Pave	5-10 Years

<u>Various Roads within Area</u>	<u>Maintenance Area</u>	<u>Treatment & Distance</u>	<u>Useful Life(Est.)</u>
Freestone / Bodega	Cotati	Striping / 24 Miles	5 Years
Valley Ford / Bloomfield	Cotati	Striping / 24 Miles	5 Years
Two Rock	Cotati	Striping / 24 Miles	5 Years
Penngrove / Liberty	Cotati	Striping / 24 Miles	5 Years
Petaluma	Cotati	Striping / 24 Miles	5 Years
Kenwood	Sonoma	Striping / 24 Miles	5 Years
Glen Ellen / Eldridge	Sonoma	Striping / 24 Miles	5 Years
Sonoma / Boyes Hot Springs	Sonoma	Striping / 24 Miles	5 Years
Sonoma	Sonoma	Striping / 24 Miles	5 Years
Forestville	Guerneville	Striping / 24 Miles	5 Years
Graton	Guerneville	Striping / 24 Miles	5 Years
Occidental	Guerneville	Striping / 24 Miles	5 Years
Guerneville / Monte Rio / Rio Nido	Guerneville	Striping / 24 Miles	5 Years
Cazadero	Guerneville	Striping / 24 Miles	5 Years
Jenner/ Bodega Bay	Guerneville	Striping / 24 Miles	5 Years
Windsor	Healdsburg	Striping / 24 Miles	5 Years
Healdsburg	Healdsburg	Striping / 24 Miles	5 Years
Lytton	Healdsburg	Striping / 24 Miles	5 Years
Annapolis / Myers Grade	Annapolis	Striping / 24 Miles	5 Years

Road Maintenance Heavy Equipment Fleet Projects – The Heavy Equipment fleet is used by the Roads Maintenance's Staff to maintain, repair, and construct the County's road system. The Heavy Equipment fleet is aging and the cost of maintaining is becoming excessive, making replacement fiscally responsible and effective for the goal of improving the conditions of the roads. The fleet replacement procurement projects estimated to be completed in Fiscal Year 2019-20 are:

<u>Type of equipment</u>	<u>Purpose of Equipment</u>	<u>Qty for Purchase</u>	<u>Useful Life</u>
Pickup	Transportation	10	10 Years
10 Yard Dump Truck	Material Transport	2	15 Years
Aerial lift	Tree Work	2	10 Years
Patch Truck	Pole Patching	2	10 Years
Street Sweeper	Street Sweeping	2	10 Years
Mower	Roadside Mowing	2	15 Years
Backhoe	Ditching, Material Handling	2	15 Years
Skid Steer	Material Handling	1	15 Years
Brush Chipper	Brush Chipping	1	10 Years
Oil Pot	Tack Oil for Paving	2	15 Years
Patching Roller	Compaction	1	15 Years
Pull Broom	Sweeping	2	10 Years

**PASSED AND ADOPTED by the Board of Supervisors of the County of Sonoma, State of California
this ____ day of __, 2019, by the following vote:**

Supervisors:

Gorin: Zane: Gore: Hopkins: Rabbitt:

Ayes: Noes: Absent: Abstain:

So Ordered.