



COUNTY OF SONOMA

575 ADMINISTRATION
DRIVE, ROOM 102A
SANTA ROSA, CA 95403

SUMMARY REPORT

Agenda Date: 5/18/2021

To: Board of Supervisors

Department or Agency Name(s): Transportation and Public Works

Staff Name and Phone Number: Johannes J. Hoevertsz 707-565-2231

Vote Requirement: Majority

Supervisorial District(s): First, Second, Fourth and Fifth

Title:

2021 Pavement Preservation Program - Full-Depth Reclamation and Overlays Project, C21401, for 26.76 miles of roadway

Recommended Action:

- A) Approve the project plans and specifications for the 2021 Pavement Preservation Program - Full-Depth Reclamation and Overlays Project, C21401.
- B) Award contract to low bidder, Ghilotti Brothers, Inc., in the amount of \$12,997,755.00, approve a 15% contingency for construction in the amount of \$1,949,663.25, for a total amount not to exceed \$14,947,418.25, and authorize the Chair to execute the construction contract for C21401.

(First, Second, Fourth and Fifth Districts)

Executive Summary:

This project is part of the on-going effort of the Board of Supervisors (Board) to address the road rehabilitation and preservation needs of the County Road System. On May 21st, 2019, the Board approved a two-year pavement preservation program for FY 2020-21 designed to improve approximately 51.50 miles of county roads. The total estimated cost of the plan is \$36,719,330, including contributions from the County's General Fund and revenues derived from SB1.

One element of the 2020-21 program is the 2021 Pavement Preservation Program - Full-Depth Reclamation and Overlays project, C21401, to be constructed in 2021. This project will award a single contract to apply various treatments to 26.76 miles of existing County roads, including one road that was scheduled but not completed during the 2019 construction season - Cazadero Highway (PM 13.61 to PM 16.39); and one road that was scheduled but not completed during the 2020 construction season - Todd Road (PM 11.87 to PM 13.29).

The Department of Transportation and Public Works (TPW) recommends award of the construction contract for the 2021 Pavement Preservation Program - Full-Depth Reclamation and Overlays Project, C21401 to low bidder Ghilotti Brothers, Inc.

On May 25, 2021, TPW will be presenting the next two-year Annual Pavement Preservation Program for FY 2021-22 and 2022-23, which will include Infrastructure Resiliency Plan Tier 2 road projects.

Discussion:

2021 Pavement Preservation Program - Full-Depth Reclamation and Overlays Project, C21401, is Part 3 of the two-year 2020-21 Pavement Preservation Program. The project consists of multiple treatment applications including: Full-Depth Reclamation, Asphalt Concrete Overlays, and Asphalt Concrete Remove & Replace treatments as well as associated flagging, traffic control, crack sealing, ditch cleaning, pavement delineation, and replacement of asphalt concrete surfacing (digouts) as required. Drainage improvements are also included in this project.

The Full-Depth Reclamation (FDR) treatment process involves milling the existing road down one foot below the surface, processing the asphalt concrete base and underlying base with a binding additive to create a homogeneous stabilized base course and compacting the processed mixture back into the roadway. A typical 3.0" asphalt concrete overlay surface is then placed on top of the recycled asphalt concrete layer. This treatment will be applied on the following roadways totaling 9.77 miles shown on the Location Map.

District 1

• Hyde Road (55012)	Burndale Rd to Hyde Rd (55013)	0.24 miles
• Hyde Road (55013)	Hyde Rd (55012) to Pearson Rd	0.42 miles
• Lawndale Road (76023)	Schultz Rd to Highway 12	1.71 miles
• MacArthur Street (55033)	Sonoma City Limit to End	0.54 miles
• Riverside Drive (56015)	Verano Ave to Craig Ave	0.44 miles
• Thomson Avenue (56063)	Highway 12 to End Co. Maintained	0.39 miles

District 2

• Jewett Road (58028)	Pepper Ln to Stony Point Rd	0.98 miles
• Labath Avenue (68063)	PM 10.50 to Millbrae Ave	0.29 miles
• Whistler Avenue (68065)	PM 10.00 to PM 11.44	1.40 miles

District 5

• Bay Hill Road (60005)	PM 12.83 to Highway 1	1.00 miles
• Cazadero Highway (8101)	PM 13.61 to PM 16.39	2.78 miles

Subtotal: 10.19 miles

The Asphalt Concrete Overlay treatment process consists of placing a layer of asphalt concrete over the existing roadway surface from edge of pavement to edge of pavement. This treatment will be applied on the following roadways totaling 15.50 miles shown on the Location Map:

District 2

• Bloomfield Road (5901)	Canfield Rd to Pleasant Hill Rd	0.92 miles
• Hessel Road (68038)	Turner Ln to Hwy 116 (South)	0.99 miles
• Hessel Road (68039)	Turner Ln to Hwy 116 (North)	1.07 miles
• Lone Pine Road (68053)	Twig Ave to Hwy 116	0.19 miles
• West Railroad Avenue (58033B)	Stony Point Rd to Old Red Hwy N	1.47 miles

District 4

• Aptos Court (88122)	Cul de Sac to Pacific Heights Dr	0.06 miles
• Brighton Court (88043)	Cul de Sac to Brighton Dr	0.12 miles

- Brighton Drive (88044) Pacific Heights Dr to Ursuline Rd 0.30 miles
- Carriage Court (88210) Cul de Sac to Carriage Ln 0.09 miles
- Carriage Lane (88039) Cul de Sac to Carriage Ct 0.15 miles
- Chelsea Drive (88073) Darbster Pl to Oxford Ct 0.20 miles
- Darbster Place (88116) Cul de Sac to Cul de Sac 0.10 miles
- Dorchester Court North (88070) Brighton Dr to Cul de Sac 0.14 miles
- Dorchester Drive (88075) Chelsea Dr to Brighton Dr 0.17 miles
- Dover Court North (88047) Lambert Dr to Cul de Sac 0.11 miles
- Dover Court South (88046) Cul de Sac to Lambert Dr 0.09 miles
- Jean Marie Drive (88124) Pacific Heights Dr to Cul de Sac 0.48 miles
- Katie Lee Way (88123) Pac Heights Dr to Pac Heights Dr 0.20 miles
- Lambert Drive (88029A) St James Dr to Cul de Sac 0.29 miles
- Lambert Drive (88029B) Dead End to Ursulnie Rd 0.22 miles
- Londonberry Drive (88022) PM 10.45 to Pacific Heights Dr 0.09 miles
- Los Gatos Court (88127) Jean Marie Dr to Cul de Sac 0.06 miles
- Newport Place (88125) Cul de Sac to Jean Marie Dr 0.15 miles
- Oxford Court (88074) Cul de Sac to Brighton Dr 0.15 miles
- Pacific Heights Drive (88121) Old Redwood Hwy to Brighton Dr 0.71 miles
- Paulette Place (88126) Cul de Sac to Newport Pl 0.14 miles
- Ramsgate Court (88038) Cul de Sac to Old Redwood Hwy 0.12 miles
- Ursuline Road (88042) Old Red Hwy to Mark West Sprgs Rd 0.56 miles
- Wembley Court (88045) Cul de Sac to Lambert Dr 0.12 miles
- Willowgreen Place (88117) Cul de Sac to Old Redwood Hwy 0.13 miles

District 5

- Gold Ridge Road (69040) Burnside Rd to Bodega Hwy 1.44 miles
- Main Street (6002B) End of Bridge to Starrett Hill Dr 1.24 miles
- Rio Nido Road (80063) River Rd to Armstrong Wood Rd 1.56 miles
- Todd Road (6807A) Llano Rd to PM 13.29 1.42 miles

Subtotal: 15.25 miles

The Asphalt Concrete Remove & Replace process involves milling off the existing asphalt concrete pavement to a depth of three inches and replacing the asphalt concrete surface from edge of pavement to edge of pavement. This treatment will be applied on the following roadways totaling 1.32 miles shown on the Location Map:

District 1

- Greger Street (56097) Orchard Ave to Boyes Blvd 0.14 miles

District 4

- S Fitch Mountain Road (99022A) City of Healdsburg to N Fitch Mtn Rd 1.18 miles

Subtotal: 1.32 miles

Total Project Miles: 26.76 miles

The project was advertised from March 8 to March 30, 2021

Following advertisement, electronic bids were opened on March 30, 2021

Base bids received were as follows:

1. Ghilotti Brothers, Inc. \$12,997,755.00
2. Team Ghilotti, Inc. \$13,231,141.07
3. Ghilotti Construction Company, Inc. \$13,506,523.65
4. Argonaut Constructors \$14,615,008.45

In accordance with Public Contract Code Section 20128, the contract shall be awarded to the lowest responsive and responsible bidder.

Ghilotti Brothers, Inc. is experienced in performing this type of roadway work. They have recently completed work for the county, including the 2020 Pavement Preservation Program - FDR & Overlays Project (C20101) and the Hart Lane at River Road Improvement Project (C20500).

Prior Board Actions:

5/21/2019: The Board approved 2-year Pavement Preservation Program for 2020-21.

FISCAL SUMMARY

Expenditures	FY 20-21 Adopted	FY21-22 Projected	FY 22-23 Projected
Budgeted Expenses		\$14,947,418.25	
Additional Appropriation Requested			
Total Expenditures		\$14,947,418.25	
Funding Sources			
General Fund/WA GF		\$14,947,418.25	
State/Federal			
Fees/Other			
Use of Fund Balance			
Contingencies			
Total Sources		\$14,947,418.25	

Narrative Explanation of Fiscal Impacts:

The appropriations for the second year of the two-year program have been requested as part of the FY 2021-

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22 Road Capital Improvement (11051-34010103) budget for construction beginning in July 2021. Road maintenance receives funding from multiple sources including allocations from the State Highway Users Tax, SB1, and contributions from the County’s General Fund. General Fund Contributions earmarked for Pavement Preservation Projects are divided between the Road Maintenance and Capital Improvement Departments based on the type of work being performed.

Staffing Impacts:			
Position Title (Payroll Classification)	Monthly Salary Range (A-I Step)	Additions (Number)	Deletions (Number)

Narrative Explanation of Staffing Impacts (If Required):

None

Attachments:

Location Map

Location Map Road Index

Related Items “On File” with the Clerk of the Board:

Bid Book, Special Provisions, Project Plans