

*Rio Dell City Hall
675 Wildwood Avenue
Rio Dell, CA 95562
(707) 764-3532
cityofriodell.ca.gov*



October 1, 2024

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager

SUBJECT: Discussion on Potential 2025 Road Slurry Sealing Project

IT IS RECOMMENDED THAT THE CITY COUNCIL:

Provide direction to staff.

BACKGROUND AND DISCUSSION

Periodically the cities and County conduct a regional slurry sealing project. The last project took place in 2022 with participation from Rio Dell, Arcata, Cal Poly Humboldt and Fortuna. The City of Arcata is proposing to lead this year's sealing project. In order to participate in the 2025 project the City will need to submit its proposal by the end of October with the project being put out to bid in February 2025 and expected work to begin on or after July 2025.

A slurry seal is a maintenance treatment that prolongs the life of asphalt at a fraction of the cost of full pavement (structural) repair. The slurry material consists of fine, crushed aggregate (rock), asphalt, and water that cures over a few hours in hot weather. The material has been used in several applications over the years in Rio Dell with generally positive results. These projects also include pavement markings which are also a cost effective addition to these projects and have been utilized to refresh non-project area markings in the past.

Staff would like to discuss three potential applications.

- 1.) Center Street from Wildwood to Ireland (In front of the school facilities) at initial cost estimate of \$45,000. Work may need to include minor patch repairs prior to work.
- 2.) City Hall parking lot (east side) at an initial estimated cost of \$13,000. Work will need to include some minor patch and pothole repair.
- 3.) Wildwood Avenue travel lanes (excludes center divider and parking lanes) at initial estimated cost of \$80,000. Crack sealing work prior to this sealing is recommended with at a cost of an additional \$20,000 to \$30,000.

With direction from the Council staff can return at a later date with a more detailed proposal.

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