



# WASHOE COUNTY

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## STAFF REPORT BOARD MEETING DATE: June 28, 2022

**DATE:** May 23, 2022

**TO:** Board of County Commissioners

**FROM:** Stephen Hein, P.E., Licensed Engineer,  
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**THROUGH:** Dwayne Smith, P.E., Division Director, Engineering and Capital Projects,  
Community Services Department, 328-2043, [desmith@washoecounty.gov](mailto:desmith@washoecounty.gov)

**SUBJECT:** Recommendation to award a bid and approve the Agreement to the lowest responsive, responsible bidder for the 2022/2023 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2022-300 project [staff recommends Sierra Nevada Construction in the amount of \$3,531,007.00]; and approve a separate project contingency fund [in the amount of \$10,000]. Slurry seal is defined as the application of water, asphalt emulsion, aggregate, and additives to an existing asphaltic concrete surface as a preventative maintenance treatment in an effort to extend the pavements' service life. (Commission Districts 1,2,4 and 5.)

### SUMMARY

The 2022/2023 Slurry Seal for Selected Streets in Washoe County, Nevada consists of over 30 miles of preventative maintenance of roads in the Truckee Meadows, Incline Village and surrounding areas including CR 447 North of Gerlach, as listed on Exhibit A. Slurry seal is defined as the application of water, asphalt emulsion, aggregate, and additives to an existing asphalt pavement surface. The work proposed through this project consists more specifically of the application of chip and micro seals (two variants of slurry seals dependent on aggregate size), asphaltic concrete patching, crack sealing, and striping, all designed to maintain Washoe County's roadway network in the most efficient and cost effective method possible.

Additional work includes micro-surface sealing and restriping of the East Shore Trail parking lots located in Incline Village, Nevada.

Sealed bids were opened on May 19, 2022. The list of sealed bids received for the project is as follows:

2022/2023 Slurry Seal for Selected Streets in Washoe County	
Bidder	Amount
Sierra Nevada Construction	\$3,531,007.00
VSS International, Inc.	\$4,899,235.00
Engineer's Estimate	\$2,601,830.00

Staff has verified in the system for award management (SAM) that no bidder is excluded from receiving federal government contracts as a result of being debarred; thus, none of the bidders is prohibited by NRS 338.017(2) from being awarded a public works contract.

**AGENDA ITEM \_\_\_\_\_**

Washoe County Strategic Objective supported by this item: Fiscal Sustainability. Long-term sustainability.

### **PREVIOUS ACTION**

On June 8, 2021, The Board of County Commissioners (Board) awarded a bid and approved the Agreement to the lowest, responsible bidder for the 2021/2022 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2021-230, Sierra Nevada Construction in the amount of \$2,382,518.50.

On July 21, 2020, the Board awarded a bid and approved the Agreement to the lowest responsive, responsible bidder for the 2020/2021 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2020-270, Sierra Nevada Construction in the amount of \$2,234,007.00.

On May 28, 2019, the Board awarded a bid and approved the Agreement to the lowest responsive, responsible bidder for the 2019/2020 Slurry Seal & Roadway Repairs for Washoe County, PWP-WA-2019-199, Sierra Nevada Construction in the amount of \$2,774,007.00.

On May 22, 2018, the Board awarded a bid and approved the Agreement to the lowest responsive, responsible bidder for the 2018/2019 Slurry Seal & Roadway Repairs for Washoe County, PWP-WA-2018-130, Sierra Nevada Construction in the amount of \$2,660,007.00.

On May 23, 2017, the Board awarded a bid and approved the Agreement to the lowest responsive, responsible bidder for the 2017/2018 Roadway & Parking Lot Repairs for Washoe County, PWP-WA-2017-161, Sierra Nevada Construction in the amount of \$3,155,007.00.

### **BACKGROUND**

The repair and maintenance of Washoe County Streets is part of the Community Services Department's pavement management program. The objective of the program is to help keep the County's maintenance and replacement costs at a minimum while providing the highest quality street surfaces for the traveling public and maintaining Washoe County's significant investment in our network of roadways. This is accomplished by performing selected maintenance (i.e., patch repair, crack sealing, slurry seals, overlays, or reconstruction) when the Pavement Condition Index (PCI) falls below certain levels. The PCI average is currently 72. All County streets are assessed on a three-year rotating cycle. If maintenance does not occur, there is an average drop of 3 points per year. An inverse relationship exists between the PCI and cost of maintenance, whereas PCI's decrease, the cost of maintenance increases. This project is for asphalt chip and micro seals, patching, crackseal, and striping work as listed on Exhibit A. Work described in Exhibit A will span roughly 30 center lane miles.

The East Shore Trail and associated parking lots were constructed through a multijurisdictional collaboration between federal, state, and local governments. The trail is roughly 3 miles in length and traverses from Incline Village to Lake Tahoe Nevada State Park, Sand Harbor. Three parking lots with 90 parking spaces were constructed. The trail opened in June of 2019. Through an interlocal agreement, Washoe County Parks has taken responsibility to maintain the trail and parking lots. Parking fees collected at self-pay kiosks help offset the costs of maintaining the parking lots and trail.

### **FISCAL IMPACT**

Budget authority for this agreement, including base bid and contingency, exists in the FY22 Budget in the Roads Special Revenue Fund (216) in Roads Capital (C216003) and Schools and Roads Grants to States (IN11014).

The East Shore Trail parking lots portion of the project will cost \$21,415.00 and is included in the base bid. This cost will be reimbursed by the Tahoe Transportation District in accordance with the SR28 Corridor Operations and Maintenance Interlocal Agreement. The \$21,415.00 will be paid from the General Fund (140-0), East Shore Trail Reimb (IN60695) with the corresponding reimbursement posted to the same internal order.

### **RECOMMENDATION**

It is recommended the Board of County Commissioners award a bid and approve the Agreement to the lowest responsive, responsible bidder for the 2022/2023 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2022-300 project [staff recommends Sierra Nevada Construction in the amount of \$3,531,007.00]; and approve a separate project contingency fund [in the amount of \$10,000]. Slurry seal is defined as the application of water, asphalt emulsion, aggregate, and additives to an existing asphaltic concrete surface as a preventative maintenance treatment in an effort to extend the pavements' service life.

### **POSSIBLE MOTION**

Should the Board agree with staff's recommendation, a possible motion would be: "Move award a bid and approve the Agreement to the lowest responsive, responsible bidder for the 2022/2023 Slurry Seal for Selected Streets in Washoe County, PWP-WA-2022-300 project [staff recommends Sierra Nevada Construction in the amount of \$3,531,007.00]; and approve a separate project contingency fund [in the amount of \$10,000]. Slurry seal is defined as the application of water, asphalt emulsion, aggregate, and additives to an existing asphaltic concrete surface as a preventative maintenance treatment in an effort to extend the pavements' service life."