

MEMORANDUM

TO: Board of Trustees

THROUGH: Indra Winqest
District General Manager

FROM: Brad Underwood, P.E.
Director of Public Works

SUBJECT: Authorize payment to Granite Construction, Inc. for +/- 1,530 SF asphalt pavement damaged by an effluent pipeline leak on Highway 28; Fund: Utility; Division: Sewer; Vendor: Granite Construction, Inc., in the amount up to \$80,000.

DATE: March 1, 2022

I. RECOMMENDATION

That the Board of Trustees makes a motion to:

1. Authorize payment to Granite Construction, Inc. for replacing +/-1,530 square feet (SF) of asphalt pavement damaged by an effluent pipeline leak. Fund: Utility; Division: Sewer Distribution (200-25-240-7520); Vendor: Granite Construction, Inc. in the amount up to \$80,000.
2. Authorize Staff to pay the invoice upon receipt and verification of work.

II. District Strategic Plan

Long Range Principle 5 – Assets and Infrastructure – The District will practice perpetual asset renewal, replacement, and improvement to provide safe and superior long term utility services and recreation venues, facilities and services.

- Maintain, renew, expand, and enhance District infrastructure to meet the capacity needs and desires of the community for future generations.
- Maintain, procure, and construct District assets to ensure safe and accessible operations for the public and the District's workforce.

III. BACKGROUND

On February 8, 2022, Public Works staff received a low discharge pressure alarm from the Spooner Pump Station (SPS-16). Public Works Water Resource Recovery Facility staff responded to SPS-16 and immediately shut the pump station off and started the back draining process. Public Works Pipeline staff repaired the leak and temporarily patched the asphalt pavement. Nevada Department of Transportation (NDOT) and the Nevada Division of Environmental Protection (NDEP) were notified of the leak. NDOT authorized the placement of a temporary patch for overnight. The effluent pipeline leak was caused by a large hole in the pipe which caused the base material to fail underneath a large section of asphalt pavement, causing significant damage to the NDOT roadway. The damage to the roadway is in the south-bound travel lane, and required immediate repair to the roadway.

The extent of the repair was completed in accordance with NDOT requirements. The work included saw cutting, removal of existing asphalt, and 6" of subgrade material, installation of 6" Type II base material, and the site was repaved with asphalt concrete in 2-4" lifts. The work has been completed and Granite Construction, Inc. will invoice the District and the District will pay the invoice upon receipt. Staff has verified that the work was completed as described above.

In working with NDOT, IVGID contacted companies that are authorized and capable of working in the NDOT Right of Way. Granite Construction, Inc. was the only company that could meet the timeframe requirement to complete the work per NDOT requirements. As this was an emergency situation, staff authorized Granite to perform the work.

This item is placed on the Consent Calendar in accordance with Policy 3.1.0 (Consent Calendar).

IV. BID RESULTS

There are no bid results as this work was in response to an emergency.

V. FINANCIAL IMPACT AND BUDGET

The cost to have Granite Construction, Inc. install the permanent roadway patch is estimated to be up to \$80,000. At this time, Staff is recommending utilizing existing repair and maintenance funds included in the approved FY2021/22 budget (Utility

Review, Discuss, and Possibly Authorize -3-
Payment to Granite Construction, Inc. for replacement of
+/-1,530 SF asphalt pavement damaged by a
effluent line leak. Fund: Utility; Division: Sewer;
Vendor: Granite Construction, Inc.
in the amount up to \$80,000.

March 1, 2022

Fund: Sewer Distribution Repair and Maintenance – Corrective, 200-25-240-7520). As this road repair work was not specifically anticipated at the time of development of the budget, this funding recommendation will significantly deplete available Sewer Division repair and maintenance funding.

As an alternative, Staff considered recommending a budget augmentation from available reserve funding to support this work. As it is anticipated that more R&M work will need to take place over the next 4 months, staff will be monitoring the overall sewer utility operating budget to determine when (or whether) a supplemental budget augmentation may be needed.

VI. ALTERNATIVES

This was an unforeseen event that is not covered by our insurance and must be completed to repair the NDOT roadway; therefore, there are no alternatives.

VII. BUSINESS IMPACT

This item is not a "rule" within the meaning of Nevada Revised Statutes, Chapter 237, and does not require a Business Impact Statement.