



# WASHOE COUNTY

Integrity Communication Service

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## STAFF REPORT

**BOARD MEETING DATE: September 24, 2019**

**DATE:** August 23, 2019

**TO:** Board of County Commissioners

**FROM:** Megan Sizelove, P.E. Project Manager, Engineering & Capital Projects  
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**THROUGH:** Dwayne Smith, P.E., Division Director, Engineering & Capital Project  
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**SUBJECT:** Recommendation to approve Amendment No. 1 to the Agreement for Construction Services, [increasing the contract amount by \$68,581.00 for a total contract amount of \$343,588.00] and extending the contract date to December 31, 2019, for the South Truckee Meadows – Steamboat Lift Station Force Main Bypass Project. (Commission District 2.)

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### SUMMARY

The Board of County Commissioners (Board) awarded a bid for the South Truckee Meadows – Steamboat Lift Station Force Main Bypass Project to Sierra Nevada Construction, Inc. (SNC) for a contract amount of \$275,007 on February 12, 2019. The scope of this project is to install a new bypass to the existing Steamboat Lift Station Force Main providing Washoe County with more flexibility for the maintenance and possible repairs to the force main in the future.

An as-built review for the design of the project identified the depth of pipe to be between 6'-8' below grade however, after award of contract to SNC it was determined the pipe is 13'-15' deep. Due to the increased depths and presence of ground water infiltration during excavation the installation of the bypass will be much more challenging.

In addition, staff is recommending replacement of the adjacent Air Release Assembly located on the Steamboat Force Main as it is not operating correctly resulting in maintenance costs that are significantly higher than acceptable and may impact the operation of the force main if not corrected

Overall these necessary changes have resulted in construction cost increases that exceed the allowed thresholds and require the Board's approval to amend and extend the contract.

If directed by the Board, this request to amend the contract will increase the approved contract amount from \$275,007.00 to \$343,588.00 and extend the contract period to December 31, 2019. Sufficient funding for these additional construction costs exist within the Utilities Fund and are appropriately derived from sewer rate charges.

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

Washoe County Strategic Objective supported by this item: Safe, Secure and Healthy Communities

### **PREVIOUS ACTION**

On February 12, 2019, the Board awarded a bid and approved the Agreement to the lowest responsive, responsible bidder for the South Truckee Meadows – Steamboat Lift Station Force Main Bypass, Sierra Nevada Construction, Inc., in the amount of \$275,007.

### **BACKGROUND**

Washoe County currently provides wastewater collection and treatment service to residents in the South Truckee Meadows of Reno, Nevada. The County utilizes a gravity sanitary sewer collection system with three small lift stations and one large regional lift station (Steamboat Lift Station) that utilizes one force main to convey wastewater to the South Truckee Meadows Water Reclamation Facility (STMWRF). The Steamboat lift station currently conveys approximately 1.5 MGD (average day) of the 3.5 MGD (average day) sanitary sewer flow that is conveyed to STMWRF.

The Steamboat Lift Station was commissioned in 1991 and had some minor improvements completed in 2003 and 2007. The lift station currently has a firm capacity of 4.1 MGD and the existing force main has a firm capacity of 6.3 MGD.

The proposed by-pass improvements for the Steamboat Lift Station Force Main will provide Washoe County with more flexibility for the maintenance and possible repairs to the force main in the future. Currently, operations staff is unable to isolate any sections of the force main for maintenance or repair without shutting down the lift station and the entire force main. The improvements will provide the opportunity, in the future, to maintain and repair the force main in a predictable and safe manner.

### **FISCAL IMPACT**

Sufficient funds and budget authority for Amendment No. 1 to the Steamboat Lift Station Force Main Bypass Agreement exist in the Utilities Fund (566) in project WR495129 account 781080 (Construction Contracts). Revenues in support of this project are provided from monthly sewer rate charges.

### **RECOMMENDATION**

It is recommended that the Board of County Commissioners approve Amendment No. 1 to the Agreement for Construction Services, [increasing the contract amount by \$68,581.00 for a total contract amount of \$343,588.00] and extending the contract date to December 31, 2019, for the South Truckee Meadows – Steamboat Lift Station Force Main Bypass Project.

### **POSSIBLE MOTION**

Should the Board agree with staff's recommendation, a possible motion would be: "Approve Amendment No. 1 to the Agreement for Construction Services, [increasing the contract amount by \$68,581.00 for a total contract amount of \$343,588.00] and extending the contract date to December 31, 2019, for the South Truckee Meadows – Steamboat Lift Station Force Main Bypass Project."