



WASHOE COUNTY

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STAFF REPORT

BOARD MEETING DATE: September 11, 2018

DATE: August 10, 2018

TO: Board of County Commissioners

FROM: Ben Jesch, P.E., Licensed Engineer, Engineering and Capital Projects, Community Services Department, 954-4635, bjesch@washoecounty.us

THROUGH: Dwayne Smith, P.E., Division Director, Engineering and Capital Projects, Community Services Department, 328-2043, desmith@washoecounty.us

SUBJECT: Approve Modification of Grant or Agreement #3 and accept additional funds [in the amount of \$47,500] to Grant 14-DG-11051900-004 from the U.S. Forest Service (USFS) Southern Nevada Public Lands Management Act (SNPLMA) for the East Incline Village Water Quality Improvement Project (WQIP) effective upon execution of the agreement documents through September 30, 2018 and direct the Comptroller's Office to make the necessary budget amendments. (Commission District 1.)

SUMMARY

The East Incline Village Phase I WQIP is located within Incline Village and included in the Tahoe Regional Planning Agency's Environmental Improvement Program (EIP) 5-Year Project List as EIP #01.01.01.46. The project was constructed in the summer of 2017 and was funded through federal and state grants.

Under the Lake Tahoe Total Maximum Daily Load (TMDL), fine sediment particles (FSP) in urban stormwater runoff have been identified as one of the leading causes of reduced water clarity in Lake Tahoe. This project included the construction of various stormwater infrastructure improvements designed to reduce the FSP load in urban stormwater runoff before it enters the lake, and project implementation will help Washoe County meet the Lake Tahoe TMDL requirements.

Washoe County requested and has been awarded an increase of \$47,500 to USFS SNPLMA grant funds for additional construction costs associated with ditch modifications for the East Incline Village Phase I WQIP. This federal grant funding requires a 1:1 match and will be matched with unreimbursed construction expenses associated with the project.

Washoe County Strategic Objective supported by this item: Stewardship of our Community.

PREVIOUS ACTION

March 11, 2014 - The Board of County Commissioners (Board) approved a Federal Financial Assistance Award of Domestic Grant 14-DG-11051900-004 between Washoe County and the USFS SNPLMA for the East Incline Village Phase I WQIP in the amount of \$1.5 Million -

AGENDA ITEM # _____

matching funds of \$1.5 Million funded through a Nevada Division of State Lands Grant and TRPA Water Quality Mitigation Funds, retroactively for the period of January 1, 2014 through September 30, 2018.

October 11, 2016 - The Board approved an update to an interlocal agreement (ILA) between Washoe County and NDEP, which was originally approved in July 2013. The ILA affirms Washoe County's commitment to participate in an urban stormwater pollutant reduction program at Lake Tahoe. The ILA is a cooperative implementation of water quality improvement actions as opposed to a regulatory permit. The current Agreement is valid through 2021.

March 28, 2017 - The Board approved a recommendation to award a construction bid and approve the Agreement to the lowest responsive, responsible bidder, Burdick Excavating Company, Inc., for the East Incline Village Phase I WQIP [in the amount of \$2,899,950.00].

May 23, 2017 – The Board approved a Modification of Grant or Agreement and accepted additional funding in the amount of \$380,000 from the USFS SNPLMA for the East Incline Village Phase I WQIP. The additional funding was necessary to cover the higher-than-anticipated construction bid.

BACKGROUND

The East Incline Village Phase I WQIP is the latest of several surface water quality improvement projects the County has developed to restore and protect lake clarity and to implement the Lake Tahoe TMDL. The project was constructed in the summer of 2017 and included the installation of infiltration features and the stabilization and protection of erodible ditches and road shoulders to reduce the FSP pollutant load in urban stormwater entering the lake.

During the plan review process for East Incline Village Phase I, design errors were not identified by the reviewing agencies sitting on the project technical advisory committee (TAC); this resulted in ditches approved for construction that did not meet American Association of State Highway and Transportation Officials (AASHTO) safety standards. It was not until the project was constructed during the summer of 2017 that safety issues with overly deep and steep roadside ditches were observed. Washoe County worked with the project design consultant, Lumos & Associates, to redesign the ditches and bring them into compliance with AASHTO safety standards while still maintaining the water quality treatment potential of the project and without significant impact to the project schedule. The additional construction costs to address these and other typical construction issues exceeded \$274,000.

In communication with the U.S. Forest Service, Washoe County recognized the opportunity to apply for \$47,500 in funds that were recently returned to Grant No. 14-DG-11051900-004 through the buyout of the County's Tymco sweeper (remitted to the U.S. Forest Service by Washoe County in July 2018). These additional funds will be applied to construction overages described above. This funding increases the total amount of the federal grant; therefore, the Board must accept these funds.

GRANT AWARD SUMMARY

Project/Program Name: East Incline Village Phase I Water Quality Improvement Project

Scope of the Project: Installation of infiltration features and the stabilization and protection of erodible ditches and road shoulders which reduce the FSP pollutant load in urban stormwater entering the lake.

Benefit to Washoe County Residents: The project improves water quality and clarity of Lake Tahoe through the construction of erosion control and stormwater treatment facilities. The project will help Washoe County meet the Federal and State requirements of the Lake Tahoe TMDL.

On-Going Program Support: Washoe County will be responsible for maintenance of any facilities constructed for a minimum of 20 years. Maintenance of stormwater features is currently provided by the CSD. The Department is researching potential funding opportunities and is working to develop strategies for on-going program support of the Lake Tahoe TMDL.

Award Amount: \$47,500

Grant Period: Jan 1, 2014 – Sep 30, 2018

Funding Source: U.S. Forest Service Southern Nevada Public Lands Management Act

Pass Through Entity: N/A

CFDA Number: 10.690

Grant ID Number: 14-DG-11051900-004

Match Amount and Type: 1:1 match will be provided through previously unreimbursed construction expenses associated with the project.

Sub-Awards and Contracts: N/A

FISCAL IMPACT

Should the Board approve Modification of Grant or Agreement #3 from the U.S. Forest Service and accept the additional funds, a budget amendment in the amount of \$47,500 in both revenues and expenditures is necessary to align the FY19 budget as follows:

<u>Internal Order/Project</u>	<u>GL Account/Description</u>	<u>Increase</u>
IN19054 – East IV Ph I WQIP (Fed)	431100 Federal Grants	\$47,500
IN19054 – East IV Ph I WQIP (Fed)	818000 Transfer to Intrafund	\$47,500
PW920589 – East IV Ph I WQIP	781001 Land Imprv Capital	\$47,500
PW920589 – East IV Ph I WQIP	818000 Transfer to Intrafund	\$47,500

RECOMMENDATION

It is recommended that the Board of County Commissioners approve Modification of Grant or Agreement #3 and accept additional funds [in the amount of \$47,500] to Grant 14-DG-11051900-004 from the U.S. Forest Service (USFS) Southern Nevada Public Lands Management Act (SNPLMA) for the East Incline Village Water Quality Improvement Project effective upon execution of the agreement documents through September 30, 2018 and direct the Comptroller's Office to make the necessary budget amendments.

POSSIBLE MOTION

Should the Board of County Commissioner agree with staff's recommendation a possible motion would be: "Move to approve Modification of Grant or Agreement #3 and accept additional funds [in the amount of \$47,500] to Grant 14-DG-11051900-004 from the U.S. Forest Service Southern Nevada Public Lands Management Act for the East Incline Village Water Quality Improvement Project effective upon execution of the agreement documents through September 30, 2018 and direct the Comptroller's Office to make the necessary budget amendments."