



TOWN OF ERIE

645 Holbrook Street
Erie, CO 80516

Town Council

Board Meeting Date: 12/13/2016

File #: 16-480, Version: 1

SUBJECT: CONSENT AGENDA

A Resolution Authorizing a Change Order to a Construction Contract to Jag's Enterprises, Inc., for the Underpass Repair at Taxiway Project, In the Amount of \$67,850.

DEPARTMENT: Public Works

PRESENTER/PREPARER: Gary Behlen, Public Works Director
Russell Pennington, Deputy Public Works Director
Wendi Palmer, Civil Engineer

FISCAL INFORMATION:

Cost as Recommended: **\$ 67,850.00**
Balance Available: \$ 67,850.00
Fund: Trails and Natural Areas
Budget Line Item Number: 210-50-110-605000-100016
New Appropriation Required: No

STAFF RECOMMENDATION:

Approve a Resolution authorizing a Change Order to Jag's Enterprises, Inc., for the Underpass Repair at Taxiway Project, and authorize Staff to execute Said Change Order and expend funds.

SUMMARY AND BACKGROUND OF SUBJECT MATTER:

At the August 23, 2016 Board of Trustees meeting a construction contract was awarded to Jag's Enterprises, Inc., for the construction of the Underpass Repair at Taxiway Project. This project includes flood walls on both the north and south side of the box culvert. It also includes a pumping system to remove surface water that will get trapped due to the flood walls.

During the construction of the project, an existing drop structure upstream of the box culvert was found to be undermined. Some of the contingency funds (\$6,300) were used to install sheet piling and rip rap (rock) to fill the void created and protect the integrity of the existing drop structure. Additional contingency funds (\$4,800) were used to help shore up the flood wall adjacent to the existing drop structure on the south side of the box culvert.

During the installation of the pump lift stations, the contractor experienced unexpected and excessive ground water seeping through the embankment from the west entering the trail site. The original design includes an underdrain system under the trail to collect ground water and divert it to the pump lift stations. The ground water seeping from the west is at a rate that would cause the pumps to be

running continuously and potentially not keep up and causing standing water on the trail. The Design Engineer (Loris and Associates) assessed the situation and is recommending a design change. This design change includes eliminating the underdrain and converting the trail to a structural slab with a short wall on the west side. This will create a tub effect which will minimize the times ground water will flow onto the surface of the trail.

The contractor has prepared a maximum not to exceed estimate for the additional cost for the design change in the amount of \$67,850.

The 2016 budget does not have adequate funds in this budget line. The additional \$67,850 can be funded with cost savings from a 2016 budgeted project that has extra funds available.

Summary of the August 23, 2016 Award

Construction Contract	\$ 308,327
<u>Contingency (20%)</u>	<u>\$ 61,673</u>
Total	\$ 370,000

Summary of Project Costs

Construction Contract	\$ 308,327.00
Additional cost for new design	\$ 67,850.00
<u>Original Contingency</u>	<u>\$ 61,673.00</u>
Total Project Costs	\$ 437,850.00

ATTACHMENTS:

- a. Resolution