

COUNCIL ACTION FORM

SUBJECT: NORTH RIVER VALLEY PARK LOW HEAD DAM IMPROVEMENTS

BACKGROUND:

The City constructed a permanent low head dam on the South Skunk River in 1984 to create a pool of water in the primary recharge zone for the aquifer that feeds the City's Downtown Well Field, thereby providing a means to increase the capacity of these wells during periods of drought. While the City has never promoted recreation at the dam, it is evident that the low head dam attracts members of the public who use the area for recreation. Low head dams can pose a serious drowning hazard due to the recirculation effect which occurs immediately downstream. Therefore, in 2013, the City initiated a project to replace the dam with features that create safe recreational opportunities while still allowing for aquifer recharge during drought.

An award of contract for construction was made to RW Excavating Solutions of Prairie City, Iowa, on April 10, 2018. Change Order No. 1 was executed on March 7, 2019, for \$3,900 to create an upstream ledge that was previously believed to exist, but which was not found during construction. Change Order No. 2 was executed on November 12, 2019, for \$40,663 to provide additional rock materials. Change Order No. 3 was executed on August 11, 2020, for \$59,484 to provide additional rock and grout materials. Change Order No. 4 was executed on January 14, 2021, for \$3,192 to adjust final quantities of construction materials.

All work under the contract was completed in accordance with the plans and specifications on December 14, 2020.

The revised project expenses are shown below.

River Restoration (Engineer)	\$ 139,320
Helms & Associates (Mussel Relocation)	30,153
Permits, Fees, Misc.	1,839
RW Excavating Solutions (Contractor)	
Original Contract	776,535
Change Order #1	3,900
Change Order #2	40,663
Change Order #3	59,484
Change Order #4	3,192
<u>Total Project Expenses</u>	<u>\$ 1,055,086</u>

The current year budget consisting of carryover from prior years is \$475,210. All current year payments and remaining encumbrances total \$455,113, leaving a remaining unspent balance of \$20,097 in the project budget.

ALTERNATIVES:

1. Accept completion of the North River Valley Park Low Head Dam Improvements Project and authorize final payment in accordance with the terms of the contract to RW Excavating Solutions of Prairie City, Iowa.
2. Do not accept completion of the North River Valley Park Low Head Dam Improvements Project at this time.

CITY MANAGER'S RECOMMENDED ACTION:

A contract to construct the North River Valley Low Head Dam Improvements Project was awarded by Council on April 10, 2018. All work for the project has been completed in accordance with plans and specifications, and an Engineer's Statement of Completion has been received. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1, as described above.