

COUNCIL ACTION FORM

SUBJECT: EMMA MCCARTHY LEE PARK PEDESTRIAN BRIDGE PLANS AND SPECIFICATIONS

BACKGROUND:

This project is to construct a new pedestrian bridge across Clear Creek in Emma McCarthy Lee Park, 3400 Ross Rd. As you recall, the former pedestrian bridge was destroyed in June of 2018 after Clear Creek went over its banks after a substantial rain event. They FY 2019/20 Capital Improvements Plan (CIP) included \$260,000 to design and construct a new pedestrian bridge. Also, the bridge qualified for a disaster assistance grant through the Federal Emergency Management Administration (FEMA) and Iowa Department of Homeland Security in the amount of \$32,000.

Plans and specifications call for the bridge to be a steel framed bridge with wood plank decking, similar to other bridges in the park system. The bridge will be double the length and width of the former bridge at 70 feet long and 10 feet wide. Part of the project includes grading a path connection from the parking lot to the bridge approach. Once the bridge is completed, staff will install the asphalt path connection. The project has been reviewed by the Iowa Department of Natural Resources (Iowa DNR) and the U.S Army Corps of Engineers, as well as the City of Ames Planning and Housing Department and all necessary permits have been issued.

WHKS, Inc., was hired to file permitting requests, develop plans and specifications, prepare a cost estimate, and provide construction management. The engineer's cost estimate is below:

<u>Engineer's Estimate For Bid Project:</u>	<u>Amount</u>
Structures (steel truss bridge, concrete, etc.)	\$129,647
Earthwork (clearing and grubbing, embankment work)	\$ 28,650
Safety Control (fencing)	\$ 5,020
Site Work and Landscaping	\$ 9,800
Demolition (existing footing removal)	\$ 3,000
Misc. (Mobilization and Construction Survey)	\$ 27,500
Bid Project Estimate	\$203,617

<u>Total Project Estimate:</u>	<u>Amount</u>
Bridge Project Bid	\$203,617
Tree Removal (Contracted by staff)	\$ 10,000
Asphalt Path	\$ 5,000
Engineering & Design	\$ 51,900
Total Project Estimate	\$270,517

Total available funding for the entire project is \$292,000 which leaves \$21,483 for contingency.

ALTERNATIVES:

1. Approve Plans and Specifications for the Emma McCarthy Lee Park Pedestrian Bridge and set the bid due date for July 21, 2020 and July 28, 2020, as the date of hearing and award of contract. The elements included in this bid are estimated to cost \$203,617.
2. Do not approve the plans and specifications at this time, delaying the Emma McCarthy Lee Park Pedestrian Bridge Project.
3. Refer back to staff.

CITY MANAGER'S RECOMMENDED ACTION:

The Ames community takes pride in the quality of its shared use paths and trail network. This bridge will reestablish the trail connection that was lost in 2018 to Iowa State campus from the northwest area of the City. The bridge specified will be constructed approximately four feet above the former bridge deck that was destroyed. Also, the bridge is engineered to withstand the force of water if it ever becomes inundated. **Therefore, it is the recommendation of the City Manager that the City Council approve Alternative #1 as stated above.**