



Department Source: Parks and Recreation

To: City Council

From: City Manager & Staff

Council Meeting Date: June 19, 2017

Re: Agreement with McClure Engineering Company – MKT Trail Bridge Replacement

Executive Summary

The Parks and Recreation Department is requesting Council approval of a resolution authorizing the City Manager to execute an agreement with McClure Engineering Company, in the amount of \$59,000. This contract will provide engineering services to design the replacement structures for bridges #5, #7 and #8 on the MKT Nature & Fitness Trail. On March 20, 2017, the City Council approved a \$380,000 MKT Trail bridge replacement project. The agreement with McClure Engineering Company is the first step in the replacement process for the bridges, and the firm was selected in accordance with the City's guidelines for engineering and design services selection. The MKT Trail bridge replacement project is funded by the 2015 Park Sales Tax and a Recreational Trail Program Grant. The bridge replacement project is anticipated to begin in November 2017.

Discussion

The Parks and Recreation Department is requesting approval of a requisition authorizing the City Manager to execute an agreement with McClure Engineering Company. The engineering firm will be responsible for the design of the replacement structures for bridges #5, #7 and #8 on the MKT Nature & Fitness Trail. On March 20, 2017, the City Council granted the Parks and Recreation Department approval to proceed with the MKT Trail bridge replacement project.

The three bridges recommended for replacement are due to the overall condition and age of the bridges. Each bridge is original to the MKT Railroad and has had continued damage to the wooden support system due to contact by floating logs and debris during heavy rains and flooding events. The three bridges are currently restricted to pedestrian traffic only, and no vehicular traffic is allowed on the bridges to prevent further damage to the support systems. The restrictions to the bridges are problematic due to the need to access different sections of the MKT Trail with emergency vehicles and for trail maintenance by park staff. The replacement of the bridges will improve safety conditions on the trail and significantly reduce bridge maintenance costs.

The City followed the normal consultant selection process which included accepting requests for proposals for the project and negotiation of fees with the selected vendor. McClure Engineering Services was selected based on their submitted proposal, examples of previous projects and their ability to meet the proposed timeline for design of the project.



City of Columbia

701 East Broadway, Columbia, Missouri 65201

The project is funded by the 2015 Park Sales Tax and a Recreational Trail Program Grant, the anticipated start date for the bridge replacement project is November 2017, weather permitting.

Fiscal Impact

Short-Term Impact: The total not-to-exceed cost of this contract is \$59,000. The design work for the bridges is funded by the 2015 Park Sales Tax and a Recreational Trail Program grant.

Long-Term Impact: N/A

Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Parks, Recreation & Greenways, Secondary Impact: Economic Development, Tertiary Impact: Community Facilities and Services

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Economy, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Mobility, Connectivity, and Accessibility, Tertiary Impact: Livable & Sustainable Communities

Legislative History

Date	Action
03/20/2017	Ord #023129, Authorizing replacement of Bridges #5 and #7, and if funding allows, Bridge #8 on the MKT Nature/Fitness Trail https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=2974079&GUID=3DE81DB8-9B07-4D6A-BB4D-53C85EA735F0&Options=&Search=
12/05/2016	Ord #023023, Authorizing Recreational Trails Program project agreements; appropriating funds https://gocolumbiamo.legistar.com/LegislationDetail.aspx?ID=2889932&GUID=91436FCB-26BA-4D6A-9104-94535C035DFF&Options=&Search=

Suggested Council Action

Authorize a professional engineering services agreement with McClure Engineering Company for the design of the replacement bridge structures on the MKT Nature & Fitness Trail.