



## CITY OF MARSHALL AGENDA ITEM REPORT

<b>Meeting Date:</b>	Tuesday, June 22, 2021
<b>Category:</b>	NEW BUSINESS
<b>Type:</b>	ACTION
<b>Subject:</b>	Independence Park Trail Replacement and Stormwater Pond Expansion Project.
<b>Background Information:</b>	<p>Community Services staff has been in discussion with the Engineering Department regarding the replacement of the shared use trails in Independence Park. The shared use paths have served their useful life and are in need of replacement throughout the entire park.</p> <p>As part of the cost estimating and project scoping process, city staff took some time to review the existing trail culvert crossing at the south end of the park where the small pond forebay crosses under the trail and into the larger pond. The culverts at this location are in poor condition and they are undermining the existing trail. Further, the pond forebay area is very small and should be considered for expansion. If sized properly, a pond forebay can facilitate solids settlement in the forebay area which can reduce the pond area that must be regularly dredged. Included in the attached cost estimate is a cost to increase the area of the pond forebay to better serve its stormwater treatment function.</p> <p>To facilitate a trail crossing, staff is proposing a new pedestrian bridge that would be located further north than the location of the existing culvert crossing. If desired, existing grades would allow for a roughly 2-FT elevation drop from the proposed expanded pond forebay area to the water surface elevation of the remaining pond surface. This grade differential may be used to create a small 'waterfall' feature adjacent to the proposed new bridge. If there is a desire to maintain the waterfall at all times during warm weather months, a recirculating pump station may be required.</p> <p>City staff has completed some preliminary work toward scoping this trail replacement project. To ensure clarity in the project cost estimate, we've separated costs that are related to the shared use trails, bridge, pond expansion, and recirculating lift station. City staff is looking for feedback and direction from the Council regarding this improvement.</p> <p>City staff has submitted for a DNR trails grant to help cover trail replacement costs. City staff expects to receive notice of grant awards in the month of July. The maximum grant award would be \$250,000. Further, Community Services staff has indicated that Prairie Home Hospice may be prepared to donate funds to the trail replacement project. The grant and donations are both displayed in the proposed cost estimate. If these funds do not materialize, the city would be required to cover the funding gap.</p>

	An itemized project cost estimate is included in the Council packet. The park trail and new bridge is estimated to cost \$772,500. The pond expansion, waterfall feature, and recirculation pump is estimated to cost \$267,750.
<b>Fiscal Impact:</b>	No impact until time of construction award. If the Council wishes to push forward with the entire concept as presented, including the added walk bridge, pond expansion, and waterfall feature, city staff would like to move forward with design services from a consulting engineer.
<b>Alternative/ Variations:</b>	No alternative actions recommended.
<b>Recommendation:</b>	that the Council authorize staff to move forward with project design.