City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works
To: City Council
From: City Manager & Staff
Council Meeting Date: January 16, 2018
Re: Authorizing a Bid Call for the Proposed Construction of the Shepard to Rollins Trail Project

Executive Summary

Authorizing a bid call through the Purchasing division for the construction of the Shepard to Rollins Trail project. An Interested Parties (IP) meeting was held on January 26, 2015 and a public hearing for the project was held on March 6, 2015. At the request of Federal Highways Administration (FHWA), a second public hearing will be held on February 5, 2018.

Discussion

Trail Alignment 1:

The Shepard to Rollins Trail Project – Trail Alignment 1 is a Non-motorized Transportation Pilot Program (GetAbout) project approved by Council to be completed using Round 2 grant funding. This project will provide an important east to west connection between the University and neighborhoods to the east.

TranSystems Corporation designed an east-west trail beginning at Rollins Street, taking a southerly route around the MU Veterinary facilities, then crossing the Hinkson Creek with a bridge, and ending at the south end of the Bluffdale Drive cul-de-sac. The proposed trail is designed to meet Accessibility Guidelines for Pedestrian Facilities in the Public Right-of-Way (PROWAG) requirements for width, cross slope, running slope, etc. At each end of the trail a curb ramp will be constructed with a detectable warning to tie the trail to the street grade and remove the barrier curb. Each end of the trail will tie to street right of way. The layout is shown on the attached plans.

On April 14, 2016, staff from TranSystems Corporation, the City, and the University walked the proposed alignment with a GPS unit in order to adjust the proposed alignment to avoid large trees and other natural habitat when possible. The location of the crossing of the trail, over the tributary to the Hinkson Creek on the University property, was adjusted to minimize impact to the ephemeral stream. Also, the location of the bridge was adjusted so it would not impact the tree with the rope swing and to better fit within the terrain on each side of the creek. The trail is located within the area cleared for the sanitary sewer easement where possible. Finally, on July 19, 2017, the alignment was walked with a MoDOT biologist to discuss bat habitat with regards to any tree clearing. Where tree removal cannot be avoided, the contractor will be given very specific guidelines for removal, protection of adjacent trees, and planting.

As part of the Trail Alignment 1 design, permanent trail easements and temporary construction easements need to be acquired for construction and continuing maintenance of the trail. Three (3) permanent trail easements and three (3) temporary

construction easements are needed from three (3) separate property owners for the construction of the project.

Trail Alignment 3:

Shepard to Rollins Trail Project – Trail Alignment 3 is a Parks and Recreation Department project, which includes the extension of the existing Hinkson Creek Trail from its current terminus just north of Stadium Boulevard to the GetAbout funded trail project represented as Trail Alignment 1. Easements required to construct Trail Alignment 3 include three (3) permanent trail easements and one (1) temporary access easement.

Trail Alignment 3 includes two bridges as shown on the attached plan. The University of Missouri is in the process of signing their easement documents and staff anticipates working with the two private landowners on their easement following Council approval. The proposed easement within the Altis tract follows the existing sewer easement. As documented in the City's FY-2018 CIP, $800,000 of the Park Sales Tax has been budgeted for Trail Alignment 3.

Both projects will be bid and constructed in conjunction with one another. Construction is planned to begin during the fall of 2018.

Fiscal Impact

Short-Term Impact: The estimated cost for construction of Trail Alignment 1 is $1,555,590 and will be funded by the Non-motorized Transportation Pilot Program grant funds. Trail Alignment 3 is estimated to cost $800,000 and will be funded by Park Sales Tax.
Long-Term Impact: Routine maintenance is estimated to cost $3,000 per year.

Strategic & Comprehensive Plan Impacts

Strategic Plan Impacts:
Primary Impact: Infrastructure, Secondary Impact: Not Applicable, Tertiary Impact: Not Applicable

Comprehensive Plan Impacts:
Primary Impact: Infrastructure, Secondary Impact: Mobility, Connectivity, and Accessibility, Tertiary Impact: Inter-Governmental Cooperation

Legislative History

Date	Action
04/15/2013	REP53-13-Grindstone Creek Trail and GetAbout Projects
09/03/2013	REP134-14-Non-motorized Transportation (GetAbout) project prioritization.

04/21/2014	R70-14A-Authorizing an agreement with TranSystems Corp for an alignment/conceptual study of three potential connections of the Shepard to Rollins East-West connection
09/03/2014	R164-14-Authorizing an agreement with TranSystems Corp for an alignment/conceptual study of four potential connections of the Shepard to Rollins East-West connection
01/26/2015	Interested Parties meeting held
02/16/2015	R27-15-Setting a public hearing for 3/16/15 for construction of the Shepard to Rollins East-West Connection trail project
04/06/2015	R61-15-Authorizing Amendment No. 1 to agreement with TranSystems Corp for an alignment/conceptual study of the Shepard Boulevard to Rollins Street East-West Trail Connection
03/07/2016	O22743-Authorizing an agreement with TranSystems Corp for the Shepard Boulevard to Rollins Street East-West Trail Connection GetAbout Columbia Project (Phase B)
12/18/2017	Setting a public hearing for the proposed construction of the Shepard to Rollins Trail project.

Suggested Council Action

After the public hearing is held authorize a bid call through the Purchasing division for construction of the Shepard to Rollins Trail Project.