City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works
To: City Council
From: City Manager & Staff
Council Meeting Date: February 5, 2024
Re: Authorizing an Agreement for Professional Engineering Services with McClure Engineering for design services relating to the Vandiver Drive (Oakland Gravel Road to Parker Street) sidewalk project.

Executive Summary

Authorizing the City Manager to execute a professional engineering services agreement with McClure Engineering for design services relating to sidewalk improvements along Vandiver Drive between Oakland Gravel Road and Parker Street. The engineering design services agreement is for a not to exceed amount of $98,522.15.

Discussion

McClure Engineering has been chosen through the pre-qualified professional consultants process to provide design services for the Vandiver Drive sidewalk project. The Vandiver Drive sidewalk project is located in northeast Columbia. The project will fill in a sidewalk gap along the south side of Vandiver Drive between Oakland Gravel Road and the roundabout at Parker Street. The west side of the project will tie into sidewalk that was constructed when the Vandiver & Parker roundabout was constructed. On the east side of the project, a crosswalk with pedestrian signals across Vandiver Drive at Oakland Gravel Road will tie the proposed sidewalk into the existing sidewalk along Oakland Gravel Road. The Vandiver Drive sidewalk project is included in the City's sidewalk master plan and was included in the top 10 multimodal needs list that the City supplied the Missouri Department of Transportation (MoDOT) in 2022.

The Vandiver Drive Sidewalk project design includes the following improvements:

1. Construction of a 5-foot wide concrete sidewalk. The sidewalk will include a 3-foot wide grass parkway between the curb and sidewalk.
2. Reconstruction of driveway approaches to tie in with the proposed sidewalk.
3. Construction of curb ramps at the intersections.
4. Installation of the pedestrian signal and crosswalk at the Oakland Gravel road intersection.

The engineering agreement for the design of the improvements includes the following:

- Completing information collection, topographic survey, and utility locations for the corridor;
- Developing concept plans;
- Attending interested parties meeting and public hearing;
- Developing preliminary plans;
- Developing right of way plans and describing easements;
- Developing final plans, specifications, and estimate; and
- Providing bid phase and construction phase services.

The professional engineering services agreement is for a not to exceed amount of $98,522.15. This project has been awarded the MoDOT Transportation Alternatives Program (TAP) funding. For the TAP funding agreement, MoDOT will fund 80% of the cost and the City will fund 20% of the cost. The City's match will be funded with the 0.25% Capital Improvement Sales Tax.

Fiscal Impact

Short-Term Impact: The engineering services agreement with McClure Engineering is for a not to exceed amount of $98,522.15 and will be funded by the City's 0.25% Capital Improvement Sales Tax (20%) and MoDOT TAP funding (80%)
Long-Term Impact: Sidewalks will be maintained by the adjacent property owners.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:
Primary Impact: Reliable and Sustainable Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:
Primary Impact: Infrastructure, Secondary Impact: Mobility, Connectivity, and Accessibility, Tertiary Impact: Tertiary

Legislative History

Date	Action
12/04/2023	B289-23 Authorizing a transportation enhancement funds program agreement with the Missouri Highways and Transportation Commission for the Vandiver Drive (Oakland Gravel Road to Parker Street) sidewalk project.
08/21/2023	R121-23 Authorizing submission of a transportation alternatives funds program grant application with the Missouri Highways and Transportation Commission for construction of the Oakland Gravel Road (Blue Ridge Road to Smiley Lane) and Vandiver Drive (Oakland Gravel Road to Parker Street) sidewalk project.

Suggested Council Action

Authorize the City Manager to execute a professional engineering services agreement with McClure Engineering for design services relating to sidewalk improvements along Vandiver Drive between Oakland Gravel Road and Parker Street.