



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: May 15, 2017

Re: Authorizing the City Manager to Apply for MoDOT's Cost Share Partnership Funding Program for Improvements to Keene Street and I-70 Drive SE Intersection Project

Executive Summary

Staff has prepared for Council consideration a resolution authorizing the City Manager to apply for Missouri Department of Transportation's (MoDOT) Cost Share Partnership Funding Program. This program offers financial assistance for public improvements that benefit the state transportation system. Staff has identified the proposed Keene Street and I-70 Drive Southeast Intersection Improvement project estimated to cost \$642,240. The application is due to MoDOT by June 30, 2017.

Discussion

The MoDOT Cost Share Partnership Funding Program provides financial assistance, up to 50% of the project cost, for projects that satisfy a transportation need. This program allows MoDOT to commit funds for proposed improvements not included in their 5-year Statewide Transportation Improvement Program (STIP), but which benefits the state system.

Staff identified the proposed Keene Street and I-70 Drive Southeast Intersection improvement as a project which is eligible for this funding opportunity. This intersection links many businesses, hotels, and health facilities along Keene Street. Both Keene Street and I-70 Drive are classified as Major Collectors in both the Columbia Area Transportation Study Organization (CATSO), 2030 Major Thoroughfare Plan and City Major Roadway Plan. Keene Street is maintained by the City, and I-70 Drive Southeast is maintained by MoDOT, thus making the partnership feasible. A location diagram is attached.

The site has been surveyed and preliminary plans have been developed for construction of a single-lane roundabout to improve the intersection. The design includes a 120-foot diameter roundabout, splitter islands, sidewalks, pedestrian crossings and street lighting. Extensive street right-of-way already exists along the I-70 corridor, but additional street easements and temporary construction easements may be necessary for construction of the project. The construction cost estimate is \$642,240, and staff will request funding for construction of the roundabout with a 50/50 cost share with MoDOT. The City's 50% share will be \$321,120 to be paid from 0.25% capital improvement sales tax.

An Interested Parties (IP) meeting was held for this project on March 15, 2016 and comments at the meeting were in favor of the intersection improvement. The proposed roundabout layout is attached.



Fiscal Impact

Short-Term Impact: Funding for the City's half of the cost share will be \$321,120 and will be funded by the 0.25% capital improvement sales tax.

Long-Term Impact: Routine maintenance for a roundabout is estimated at \$2,000 per year.

Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Transportation, Secondary Impact: Development, Tertiary Impact: Tertiary

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Secondary, Tertiary Impact: Tertiary

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
NA	NA

Suggested Council Action

Adopt the resolution authorizing the City Manager to submit the application for the MoDOT Cost Share Partnership Funding Program for the Keene Street and I-70 Drive Southeast Intersection Project.