



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: November 16, 2020

Re: Authorizing the Installation of Audible Pedestrian Signals with Countdown Timers, and the Reconstruction of Sidewalk Ramps at the Intersection of Route 763 (Rangeline Street) and Smiley Lane; Calling for Bids through the Purchasing Division.

Executive Summary

Staff is requesting council authorize a bid call through the Purchasing Division for the construction of the Route 763 (Rangeline Street) and Smiley Lane Intersection Audible Pedestrian Signal (APS) project. This project will include the installation of new signal equipment including audible pedestrian signals with countdown timers, the reconstruction of two sidewalk ramps on the northeast and southwest corners of the intersection, and repainting the existing pedestrian crossing markings. An online Interested Parties (IP) meeting was held from September 14, 2020 through September 25, 2020 and the public hearing was held on November 2, 2020.

Discussion

Currently, the Route 763 and Smiley Lane intersection has conventional pedestrian signs and signals and two sidewalk ramps on the northeast and southwest corners of the intersection do not meet current Americans with Disabilities Act (ADA) criteria. The design includes the installation of new signal equipment including audible pedestrian signals with countdown timers at the intersection, reconstruction of the sidewalk ramps on the northeast and southwest corners, and the existing pedestrian crossing markings will be repainted.

The installation of an audible pedestrian signal at this location was requested by the Columbia Chapter of the National Federation of the Blind of Missouri. The project was also discussed at the Disabilities Commission meeting on March 12, 2020. No easements are expected to be needed for the proposed improvements.

An online Interested Parties meeting was held from September 14, 2020 through September 25, 2020. Two positive responses were received. A public hearing was held on November 2, 2020.

Construction of the project is currently scheduled to begin in spring of 2021. The total estimate cost for this project is \$83,000 (Construction, design and inspection). The project will be funded with the ¼ Cent Capital Improvement Program sales tax.



Fiscal Impact

Short-Term Impact: The estimated total project cost is \$83,000, and will be funded with the ¼ Cent Capital Improvement Program sales tax.

Long-Term Impact: The intersection is maintained by MoDOT.

Strategic & Comprehensive Plan Impact

Strategic Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Public Safety, Tertiary Impact: Public Safety

Comprehensive Plan Impacts:

Primary Impact: Infrastructure, Secondary Impact: Mobility, Connectivity, and Accessibility, Tertiary Impact: Mobility, Connectivity, and Accessibility

Legislative History

Date	Action
11/2/2020	PH37-20 Public hearing for the proposed construction of the Route 763 (Rangeline Street) & Smiley Lane audible pedestrian signal project.
10/19/2020	R127-20 Setting a public hearing for the proposed installation of audible pedestrian signals with countdown timers and the reconstruction of sidewalk ramps at the intersection of Route 763 (Rangeline Street) and Smiley Lane.
09/14/2020-9/25/2020	Online Interesting Parties Meeting Held.

Suggested Council Action

Authorize a bid call through the Purchasing Division for the installation of audible pedestrian signals with countdown timers and the reconstruction of sidewalk ramps at the intersection of Route 763 (Rangeline Street) & Smiley Lane.