



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: July 20, 2020

Re: Authorizing the Acquisition of Necessary Easements for Construction of the Sinclair Road, Route K and Old Plank Road Intersection Improvement Project.

Executive Summary

Authorize the acquisition of necessary easements for the construction of a roundabout at the intersection of Sinclair Road, Route K, and Old Plank Road. An Interested Parties meeting was held on May 9, 2019 and a public hearing was held on July 1, 2019.

Discussion

This roundabout project will improve long-term safety at the Route K/Sinclair Road/Old Plank Road intersection. Currently, the north leg (Sinclair Road) and the south leg (Old Plank Road) of the intersection are offset from each other. The improvement will align the two legs plus provide other safety features associated with a roundabout, such as slowing the vehicles through the intersection. The roundabout is sized to accommodate large size vehicles and school busses, and will be lighted. Sidewalks will be constructed along the roundabout and will tie into existing sidewalks adjacent to the project. An Interested Parties meeting was held on May 9, 2019 and the public hearing was held on July 1, 2019.

Final plans and specifications are being completed by Burns and McDonnell, the engineering consultant for this project. The project is planned to be bid in January or February of 2021 with construction starting in the spring of 2021. Temporary closures and detours will likely be required during construction.

Extensive street right-of-way already exists at the intersection. When the Cascades Subdivision was developed northeast of the intersection in the early 2000s, right-of-way and a utility easement were platted at the northeast corner in anticipation of a future intersection improvement project which would relocate Sinclair Road to the east in order align with Old Plank Road. The sidewalk at the Cascades Park was also constructed to accommodate the realignment of Sinclair Road. Therefore, permanent street easements will not need to be obtained. A temporary construction easement will need to be acquired from the property owner at the southwest corner of the intersection in order to construct a bypass lane that will be used during construction. Also, an additional utility easement will be obtained on the Cascades Park property for Consolidate Public Water District No. 1 in order to relocate the waterline as part of the project.



Fiscal Impact

Short-Term Impact: The total estimated project cost (design, utility relocation, construction) is \$1,246,375. MoDOT will fund 50% (not to exceed amount of \$623,187) of the cost through the Cost Share Partnership Funding program, Columbia Public Schools will pay a lump sum payment of \$169,723, and the City will be responsible for \$453,465 to be paid from quarter-cent Capital Improvement Program sales tax.

Long-Term Impact: The roundabout will be maintained by MoDOT.

Strategic & Comprehensive Plan Impact

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
07/01/2019	PH29-19 Proposed construction of a single-lane roundabout with splitter islands and sidewalk at the intersection of Sinclair Road, Route K, and Old Plank Road.
06/03/2019	R80-19 Setting a public hearing: proposed construction of a single-lane roundabout with splitter islands and sidewalk at the intersections of Sinclair Road/Route K/Old Plank Road.
10/15/2018	R159-18 Authorizing professional engineering services agreement with Burns & McDonnell Engineering Company, Inc. for design and limited construction administration services of the Sinclair Road/Route K/Old Plank Road roundabout improvement project.
07/16/2018	B115-18 Authorizing a cost share agreement with MHTC for the proposed Sinclair Road/Route K/Old Plank Road intersection improvement project, appropriating funds.
07/16/2018	B154-18 Approving the Final Plat of CPS Middle School Subdivision, a major subdivision; accepting the dedication of rights-of-way and easements, authorizing a performance contract.



City of Columbia

701 East Broadway, Columbia, Missouri 65201

12/18/2017	R181-17 Authorizing application to the Missouri Department of Transportation for cost share partnership funding for the proposed Sinclair Road/Route K/Old Plank Road intersection improvement project.
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Suggested Council Action

Authorize the acquisition of easements for the construction of the Sinclair Road, Route K and Old Plank Road Intersection Improvement project.