



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: June 20, 2016

Re: Public Hearing – Fairview Road and Chapel Hill Road Intersection Improvements

Executive Summary

Public hearing for the construction of Fairview Road and Chapel Hill Road intersection improvements, as shown on the attached diagram. An Interested Parties (IP) meeting was held January 28, 2016. The CIP cost estimate for the project is \$600,000.

Discussion

The Fairview Road and Chapel Hill Road intersection improvement project was identified to be funded from the one-fourth of one percent sales tax ballot approved by voters in 2015. Public Works chose to take a proactive approach to improve the intersection for both existing and future needs due to the anticipated increase in traffic as the City grows to the south and southwest. In 2018, improvements are planned for two intersection projects at Nifong and Sinclair, and at Vawter School Road and Old Mill Creek Road. In 2020, Nifong Boulevard, between Providence Road and Forum Boulevard, will be widened.

The proposed Fairview Road and Chapel Hill Road intersection improvement project consists of designing a 110 ft. inscribed circle diameter urban single-lane roundabout, which will accommodate commercial vehicles and school busses. The design also includes splitter islands and a 5 ft. sidewalk placed 4 ft. off the back of the curb, and the installation of additional street lighting. An Intersection Design Considerations summary for use of a roundabout at this intersection is attached.

Extensive street right of way already exists on the northwest corner of the intersection; however, additional permanent street easements (PSE's), temporary construction easements (TCE's) and permanent utility easements (PUE's) may be necessary for construction of the project, planned for summer of 2017. The CIP budget for the project is \$600,000, and will be funded with 0.25% Capital Improvement Sales Tax.

An IP meeting was held on January 28, 2016 with 52 people signing in, and 40 comments received (see attachments). Also attached is a letter of support dated May 16, 2016 from Karen Miller, Boone County District 1 Commission.

Fiscal Impact

Short-Term Impact: The estimated cost for this project is \$600,000 and will be funded with 0.25% Capital Improvement Sales Tax as approved by voters in 2015.

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



Vision & Strategic Plan Impact

Vision Impacts:

Primary Impact: Transportation, Secondary Impact: Community Facilities & Services, Tertiary Impact: Environment

Strategic Plan Impacts:

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

Comprehensive Plan Impacts:

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

Legislative History

Date	Action
05/02/2016	R34-16-A-Setting a Public Hearing for June 20, 2016 for construction of the Fairview Road & Chapel Hill Road intersection improvements
04/04/2016	R34-16-Setting a Public Hearing for May 2, 2016 for construction of the Fairview Road & Chapel Hill Road intersection improvements project (Tabled)
01/28/2016	Interested Parties meeting held

Suggested Council Action

After public input and Council discussion at the public hearing, a motion should be made directing staff to proceed with final plans and specifications for construction of the Fairview and Chapel Hill Road intersection improvement project.