



City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: July 17, 2017

Re: Authorizing a Professional Engineering Services Agreement for the Grace Lane Alignment Study

Executive Summary

Authorizing the City Manager to execute a professional engineering services agreement with George L. Crawford & Associates, Inc/dba CBB to perform an alignment study related to improvements to Grace Lane, for a not to exceed amount of \$95,185. The cost of this study will be split equally between the City of Columbia and Boone County.

Discussion

Grace Lane is a north/south road that connects St. Charles Road to the north and Rolling Hills Road/Richland Road to the south. Rolling Hills Road extends south from the end of Grace Lane to Highway 63; and was improved in 2013 between Richland Road and New Haven Road. In addition, Discovery Parkway is currently under final design and will extend south from the intersection of Rolling Hills Road with New Haven Road, to the existing end of Discovery Parkway at the Highway 63 interchange. Once the Discovery Parkway extension has been completed, drivers will have a connection from Highway 63 on the south side of Columbia to Interstate 70 on the east side of Columbia (Discovery Parkway to Rolling Hills Road to Grace Lane to St. Charles Road). From this connection, Grace Lane will be the only section of roadway that is unimproved (see attached diagram).

Staff is requesting that Council authorize the City Manager to execute a professional engineering services agreement with George L. Crawford & Associates, Inc/dba CBB to analyze the existing and anticipated traffic on Grace Lane and provide recommendations for improvements to traffic flow and safety. The information from the study will also be used in analysis of future improvements and developments in this area.

The scope of services for this project includes:

- Traffic counts
- Traffic forecast analysis for 10 years and 20 years
- Access management options
- Analysis/development of alignment options including the intersection of Grace Lane with St. Charles Road
- Consideration of the East Columbia Environmental Impact Study, CATSO Major Roadway Plan, 2040 Long Range Transportation Plan in the options
- Cost estimate for each alignment option



City of Columbia

701 East Broadway, Columbia, Missouri 65201

As outlined in a Cost Allocation agreement between the City and Boone County, the City will initially pay the entire cost for the study and upon completion, will invoice the County for half of the amount paid, or \$47,592.50.

Fiscal Impact

Short-Term Impact: The professional engineering services agreement with George L. Crawford & Associates, Inc/dba CBB is for a not to exceed amount of \$95,185. The County will reimburse the City for half of this cost upon completion of the study. The City's contribution shall be paid from County Road Tax funds and 0.25 cent Capital Improvement Sales Tax funds.

Long-Term Impact: None

Vision & Strategic Plan Impact

Vision Impacts:

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

Strategic Plan Impacts:

Primary Impact: 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
07/03/2017	Authorize a cost allocation agreement with Boone County for the Grace Lane Alignment Study.

Suggested Council Action

Authorize the City Manager to execute a professional engineering services agreement with George L. Crawford & Associates, Inc/dba CBB for the Grace Lane Alignment Study.