



# City of Columbia

701 East Broadway, Columbia, Missouri 65201

Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: July 3, 2017

Re: Cost Share Agreement with Boone County for the Grace Lane Alignment Study

## Executive Summary

Authorizing the City Manager to execute a cost allocation agreement with Boone County for the Grace Lane Alignment Study.

## 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).

The City of Columbia and Boone County have determined that it is appropriate to share costs related to a study to analyze traffic flow and proposed alignments for Grace Lane. The proposed study will analyze the existing and anticipated traffic flow on this corridor and will recommend improvements. Information from the study will also be used in analysis of future improvements and developments in this area.

The general scope of the study for the project under this agreement 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; and a cost estimate for each alignment option. The street cross section used for New Haven Road which includes grading for complete roadway, but constructing half the road cross section is to be used for the Grace Lane proposed alignments.

The study will be completed by George L. Crawford & Associates, Inc/dba CBB. The City and County shall contribute equally toward the cost of the study for a not to exceed amount of \$95,185.00, or \$47,592.50 per entity. All costs associated with the study are to be made a part of this agreement.



## Fiscal Impact

Short-Term Impact: The total cost of the study shall not exceed \$95,185.00, or \$47,592.50 per entity. The City will initially pay the entire cost of the study and request reimbursement from the County once the project is complete. The project will be funded with County Road Tax funds and 0.25 cent Capital Improvement Sales Tax funds.

Long-Term Impact: None related to this agreement.

## 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
None	None

## Suggested Council Action

Authorize the City Manager to execute a cost allocation agreement with Boone County for the Grace Lane Alignment Study.