



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: December 18, 2017

Re: Public Hearing for the Ballenger Lane Improvement Project

## Executive Summary

A public hearing for the construction of the Ballenger Lane improvement project from Ria Street to Mexico Gravel Road as shown on the attached location map. An Interested Parties (IP) meeting was held on June 13, 2017. The total cost estimate for the project is \$2,200,000, which includes design, easements, utility and construction. The Missouri Department of Transportation (MoDOT) will contribute \$1,800,000 towards the project cost.

## Discussion

Ballenger Lane is classified as a Major Arterial in both the Columbia Area Transportation Study Organization (CATSO) 2030 Major Thoroughfare Plan and the City Major Roadway Plan. The proposed Ballenger Lane improvement project was identified in the 10-year plan for the 0.25% Capital Improvement Sales Tax ballot. The project includes constructing 6-ft. wide shoulders on each side of the road beginning near Ria Street to the south, and continuing north to the roundabout at Mexico Gravel Road; an approximate total length of 6,800 ft. (1.3 miles).

Along the proposed corridor, 12 residential streets connect to Ballenger Lane from the east and the west; and sidewalks at the roundabout located at Mexico Gravel Road link several subdivisions north of Ballenger Lane to the Ballenger Lane corridor. Ballenger Lane currently has two 11-ft. wide lanes with a stormwater ditch on each side of the road.

Non-motorized use of Ballenger Lane prompts the construction of shoulders on both sides of the road. Currently, pedestrians and bicyclists that live along the corridor have no place to walk or ride other than on the street or in the grass. Sidewalks connecting to Ballenger Lane were built when newer developments were constructed and do not link to form a defined path.

This project includes constructing shoulders on both sides of Ballenger Lane and a 1-1/2 inch asphalt overlay. Existing subdivision sidewalks will tie into the proposed shoulders and 15 residential and three (3) commercial drive approaches will be reconstructed. The roadway will be slightly realigned, stormwater improvements will be made, and the road will be restriped. Staff had originally planned to construct a retaining wall near the northern end of the project; however, after discussing this option with a structural engineer and obtaining additional information about the box culvert it was determined that it would be more cost effective to extend the existing box culvert rather than constructing a retaining wall. The preliminary plans are attached.



The total cost estimate for the project is \$2,200,000 which includes design, easement acquisition, utility relocation and construction. MoDOT will contribute \$1,800,000 towards the project cost. When the project is complete, the City of Columbia will acquire the road and assume maintenance responsibilities. Temporary construction easements, permanent utility easements, and permanent drainage easements may be necessary for the construction of the project. An IP meeting was held June 13, 2017 with eight (8) people signed in and three (3) comments received with positive responses (attached). Construction is planned for the spring of 2019.

### Fiscal Impact

Short-Term Impact: The CIP cost estimate for the project is \$2,200,000, with MoDOT contributing \$1,800,000 towards the project cost. The City's share of the cost will be funded from the 0.25% Capital Improvement Sales Tax and County Road Tax.  
Long-Term Impact: Routine maintenance is estimated to cost \$6,000 a year and will be budgeted annually in Street division's operating account.

### Strategic & Comprehensive Plan Impacts

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
06/13/2017	Interested Parties Meeting held
11/20/2017	R155-17-Setting a public hearing for the proposed construction of the Ballenger Lane Improvement project from Ria Street to Mexico Gravel Road

### Suggested Council Action

After public comment and council discussion, direct staff to move forward with final plans and specifications for the proposed construction of the Ballenger Lane improvement project.