



Department Source: Public Works

To: City Council

From: City Manager & Staff

Council Meeting Date: February 6, 2017

Re: Agreement with MHTC for Installation of Traffic Signals on MoDOT Right-of-Way

Executive Summary

Authorizing the City Manager to execute four (4) Installation of a Traffic Signal by Others to be Maintained by the Commission agreements, with the Missouri Highway and Transportation Commission (MHTC), for City projects that include the installation of a traffic signal within MoDOT's right-of-way. The four project locations are: Providence Road and Turner Avenue, Providence Road and Burnam Road, Providence Road and Forest Avenue, and Route B and Waco Road. Construction for each project is planned for the summer of 2017.

Discussion

Staff is requesting that Council authorize the City Manager to execute four (4) separate agreements with MHTC, allowing for installation of traffic signals by others on MoDOT right-of-way that will be maintained by the Commission.

Providence Road and Turner Avenue / Providence Road and Burnam Road

The Providence Road (Turner to Stadium) improvement project is located along the Providence corridor from the intersection of Stadium Boulevard to the intersection with Turner Avenue. It is approximately one-half mile long and includes improvements at the intersection with Turner Avenue, Rollins Street, Burnam Road, Bingham Road, Kentucky Boulevard, and Brandon Road. In addition, the improvements include the extension of the right turn lane for southbound Providence Road at Stadium Boulevard and construction of a sidewalk along the south side of Burnam Road to Birch Road. At the June 3, 2013 public hearing, Council approved an amended version of Option VIII-A (8A) for design of the project. New signals will be constructed at the intersections of Providence Road with Turner Avenue and with Burnam Avenue.

Providence Road and Forest Avenue

The Bike Boulevard (MKT to Parkade) project connects the MKT trail near the east end of Lathrop to the Parkade Plaza just north of Business Loop 70. This project is part of the Non-Motorized Transportation (GetAbout) program. The project includes striping with bike boulevard pavement markings through a residential corridor. The project also includes five major intersection improvements, including pedestrian havens at Broadway and Edgewood and at Providence and Forest. A traffic signal at Providence at Forest will be installed as part of the project. The public hearing for this project was held on April 21, 2014.



Route B and Waco Road

The Paris and Waco Road Intersection project is located on the northeast side of Columbia approximately 1.8 miles northeast of Highway 63. This section of Paris Road (Route B) is primarily industrial with many manufacturing companies located along the corridor. The project includes improving the intersection by installing a signal and a dedicated left turn lane on Waco Road. In addition, the existing driveways nearest the intersection that serve 3M and EDI will be modified from full access driveways to right in/right out/left as part of the project. The public hearing for this project was held on November 7, 2017.

Location maps for each project are attached, and construction for all projects is planned for this summer.

Fiscal Impact

Short-Term Impact: There is no cost associated with this agreement; however, the estimated construction costs for each project is: Providence Road \$2,313,400, Bike Blvd \$498,000, and Route B & Waco intersection \$270,800.

Long-Term Impact: MoDOT will maintain the signals, so there will be no long term impact costs.

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
06/06/2016	Providence Road Projects (REP47-16) Council report addressing proposed sidewalks on Burnam.
09/21/2015	(B261-15) Authorizing supplemental agreement with MHTC.
11/03/2014	(R209-14) Authorizing Amendment 1 to the agreement with URS Corporation for engineering services.
10/17/2013	(R207-13) Authorizing engineering services agreement with URS Corporation for street improvements on Providence Rd from Stadium Blvd to Stewart Rd.



City of Columbia

701 East Broadway, Columbia, Missouri 65201

06/03/2013	(R82-13) Public Hearing for construction of street improvements on Providence Rd from Stadium Blvd to Stewart Rd
03/20/2013	Interested Parties meeting.
03/18/2013	(R54-13A) Public Hearing to consider the rescission of Resolution 188-12 relating to construction of street improvements on Providence Rd from Turner Ave to Stadium Blvd and providing direction to the City manager on how to proceed with the project.
12/17/2012	(B367-12) Authorizing a cost share agreement with MHTC.
11/19/2012	(R188-12) Public Hearing for construction of improvements on Providence Rd from Turner Ave to Stadium Blvd, reconfiguration and construction of signalized intersections on Providence Rd, and construction of new residential street in the Grasslands Subdivision.
04/20/2010	Interested Parties meeting.
12/15/08	(R290-08) Authorizing engineering services agreement with HDR Engineering for a conceptual alternatives study for infrastructure improvements along the Providence Rd corridor.
04/24/2008	Interested Parties meeting.
	Bike Blvd Project:
07/05/2016	(R91-16) Amendment No. 3 with TranSystems to extend service date of consultant
04/18/2016	(87-16) Bid Call Ordinance
04/04/2016	(R142-15) Amendment No. 2 with TranSystems to extend service date of consultant
09/08/2015	(B230-15) Authorizing acquisition of easements
08/17/2015	(R48-15) Amendment No.1 to engineering contract with
03/16/2015	TranSystems
04/21/2014	Public Hearing
04/17/2014	(40-14A) Set Public Hearing for April 21, 2014
08/06/2013	IP meeting
02/28/2013	IP meeting
	Route B & Waco Project:
11/7/2016	Public Hearing
10/03/2016	(R145-16) Set Public Hearing for November 7, 2016
09/08/2016	IP Meeting

Suggested Council Action

Authorize agreements for the installation of a traffic signal by others to be maintained by the commission with MHTC for Providence Road and Turner Avenue, Providence Road and Burnam Road, Providence Road and Forest Avenue, and Route B and Waco Road intersections.