



Legislation Text

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DATE: March 30, 2017

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator
Paul Holzen, City Engineer/Director of Engineering
Jonathan Marston, Assistant Director of Engineering

SUBJECT:

Consideration of a Professional Services Agreement (COF Contract No. 2017-0076) with Kimley-Horn and Associates, Inc. for Downtown Franklin Traffic Signal Timing in an Amount Not-to-Exceed \$68,500.00 (3/30/2017 CIC 4-0)

Purpose

The purpose of this memo is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning a Professional Services Agreement (PSA) with Kimley-Horn and Associates, Inc. (Kimley-Horn) for Downtown Franklin Traffic Signal Timing.

Background

In general, the industry standard for the retiming of traffic signals is 2.5 to 5 years. Some of the driving forces behind the need for signal retiming include: increased/decreased traffic volume, changes to lane use, new intersections or lanes, etc.

The traffic signals in the Downtown Franklin area were last retimed in 2011, using 2010 data. Since that time, the Hillsboro Road Phase 1 project, including the installation of a new traffic signal at 3rd Avenue, has been completed. The central business district is well overdue for a reevaluation of its signal timing. The traffic signals to be included in this study are:

1. Main Street at 1st Avenue
2. Main Street at 2nd Avenue
3. Main Street at 4th Avenue
4. Main Street at 5th Avenue/Columbia Avenue (Five Points)
5. 5th Avenue North at Fair Street
6. 5th Avenue North at New Highway 96 West/Bridge Street
7. 5th Avenue North at 3rd Avenue North
8. Hillsboro Road at Del Rio Pike/Farrier Lane
9. Columbia Avenue at 7th Avenue South

10. Columbia Avenue at 9th Avenue South/South Margin Street
11. Columbia Avenue at Fowlkes Street
12. Bridge Street at 3rd Avenue North
13. 3rd Avenue South at Bridge Church Street
14. 3rd Avenue South at South Margin Street
15. New Highway 96 West at 11th Avenue North

As a part of the Traffic Operations Center's (TOC) annual traffic count program, full 48-hour turning movement counts were collected in 2016 at the vast majority of the project intersections. Because of the magnitude of this project, staff requests third party assistance. Kimley-Horn has previous experience working with the City of Franklin, including the successful development and implementation of the 2009 Holiday Timing Plan in the Cool Springs Area.

Financial Impact

As part of its fiscal year (FY) 2017 annual operations budget, the TOC has \$150,000 programmed toward updated signal timings. This PSA, at a not-to-exceed amount of \$68,500.00, will be paid for from this existing FY 2017 budget. The general ledger (GL) codes to be utilized for project expenses is 110-82540-41610.

Recommendation

Staff recommends approval of the PSA (COF Contract No. 2017-0076) with Kimley-Horn in the amount not-to-exceed \$68,500.00.