



Legislation Details (With Text)

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Title: Consideration of a Professional Services Agreement (COF Contract No. 2017-0075) with Barge Waggoner Sumner & Cannon, Inc. for Columbia Avenue Traffic Signal Timing in an Amount Not-to-Exceed \$36,300.00 (3/30/2017 CIC 4-0)
Sponsors: Paul Holzen, Jonathan Marston, Engineering
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Attachments: 1. COF 2017-0075 Columbia Ave Signal Timing PSA_with Scope.Law Approved

Date	Ver.	Action By	Action	Result
4/11/2017	1	Board of Mayor & Aldermen	approved	Pass

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. 2017-0075) with Barge Waggoner Sumner & Cannon, Inc. for Columbia Avenue Traffic Signal Timing in an Amount Not-to-Exceed \$36,300.00 (3/30/2017 CIC 4-0)

Purpose
The purpose of this memorandum is to provide information to the Franklin Board of Mayor and Aldermen (BOMA) concerning a Professional Services Agreement (PSA) with Barge Waggoner Sumner & Cannon, Inc. (BWSC) for Columbia Avenue 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 along the Columbia Avenue corridor, between Mack Hatcher Parkway and Downs Boulevard, were last retimed in-house by City staff approximately 2.5 to 3 years ago. Since that time, the I-65 and Goose

Creek Bypass widening projects have been completed. It is very likely that the completion of those major projects has resulted in changes to the traffic patterns along Columbia Avenue. The City also continues to receive citizen requests to reevaluate the signal timing along this corridor.

As a part of the Traffic Operations Center's (TOC) annual traffic count program, full 48-hour turning movement counts were collected along Columbia Avenue in 2016. In addition to this data, the Columbia Avenue Widening and Improvements Project collected similar traffic data along the corridor in 2016. This data can be used to calculate new signal timing for the Columbia Avenue corridor. Because BWSC is already familiar with this corridor, staff recommends their continued involvement in the signal timing effort.

Financial Impact

As a 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 \$36,300.00, will be paid for from this existing FY 2017 budget. The general ledger (GL) code to be utilized for project expenses is 110-82540-41610.

Recommendation

Staff recommends approval of the PSA (COF Contract No. 2017-0075) with BWSC in the amount not-to-exceed \$36,300.00