



HISTORIC  
FRANKLIN  
TENNESSEE

ITEM# 04  
CIC 01-09-14

## MEMORANDUM

December 18, 2013

TO: Board of Mayor and Alderman

FROM: Eric Stuckey, City Administrator  
David Parker, City Engineer  
Paul Holzen, Engineering Director  
Carl Baughman, Traffic/Transportation Engineer III  
Jonathan Marston, Engineer III  
Abby Gambill, TOC Operator

SUBJECT: Consideration of Resolution 2014-03 - A Resolution to Authorize Staff to Enter Into Contract Negotiations with Gresham Smith & Partners (GSP) for engineering services for the adaptive signal control technology implementation (Contract #2013-0184)

### **Purpose**

The purpose of Resolution 2014-03 is to authorize staff to enter into contract negotiations with Gresham Smith & Partners (GSP) for engineering services for the Adaptive Signal Control Technology Implementation Project (Contract #2013-0184).

### **Background**

The prior system upgrade of traffic signal operations in the Cool Springs area was completed in 2009, and such upgrades should be performed at three-year intervals according to the Federal Highway Administration. The Tennessee Department of Transportation has given an authorization for the City of Franklin to proceed with this project. The application of adaptive signal control technology and intelligent transportation systems (ITS) has been shown to achieve a 15-20% improvement of traffic flow efficiency. The Adaptive Signal Control Technology Implementation Project will analyze and address existing and future software and equipment needs as well as provide recommendations for both normal and holiday traffic flow periods. The City has undertaken a qualification based selection process and has identified GSP to provide professional services for the Adaptive Signal Control Technology Implementation Project.

### **Financial Impact**

The ITS – ARRA (Adaptive Signal 80/20 Match) was included in the approved FY 2013-2014 TOC Capital Budget (89530-12) in the amount of \$1,250,000 (1,000,000/\$250,000).

### **Recommendation**

Approval of Resolution 2014-03 is recommended.

**RESOLUTION 2014-03**

**A RESOLUTION TO AUTHORIZE STAFF TO ENTER INTO CONTRACT NEGOTIATIONS WITH GRESHAM SMITH & PARTNERS (GSP) FOR THE ENGINEERING SERVICES FOR THE ADAPTIVE SIGNAL CONTROL TECHNOLOGY IMPLEMENTATION (COF CONTRACT No 2013-0184)**

**WHEREAS**, the Board of Mayor and Aldermen (BOMA) approved the ITS – ARRA (Adaptive Signal 80/20 Match) budget line item for Fiscal Year 2014 to enhance traffic signal and intelligent transportation system (ITS) operations in the Cool Springs area and areas beyond; and

**WHEREAS**, the prior system upgrade of traffic signal operations in the Cool Springs area was completed in 2009, and such upgrades should be performed at three-year intervals according to the Federal Highway Administration; and

**WHEREAS**, the Tennessee Department of Transportation has given an authorization for the City of Franklin to proceed with this project; and

**WHEREAS**, the application of adaptive signal control technology and ITS has been shown to achieve a 15-20% improvement of traffic flow efficiency; and

**WHEREAS**, the Adaptive Signal Control Technology Implementation Project will analyze and address existing and future software and equipment needs as well as provide recommendations for both normal and holiday traffic flow periods, and

**WHEREAS**, the City has undertaken a qualifications based selection process and has identified GSP to provide professional services for the Adaptive Signal Control Technology Implementation Project; and

**WHEREAS**, it is understood that any professional services agreement with GSP shall be approved by the BOMA prior to any work being performed by GSP.

**NOW THEREFORE, BE IT RESOLVED** by the Board of Mayor and Aldermen of the City of Franklin, Tennessee, that City staff shall be authorized to enter into contract negotiations with GSP for the professional services associated with the Adaptive Signal Control Technology Implementation Project.

**IT IS SO RESOLVED AND DONE** on this 14<sup>th</sup> day of January 2014.

**ATTEST:**

**CITY OF FRANKLIN, TENNESSE**

By: \_\_\_\_\_

**Eric S. Stuckey**  
City Administrator

By: \_\_\_\_\_

**Dr. Ken Moore**  
Mayor

**Approved as to Form**

By: \_\_\_\_\_

**Shauna R. Billingsley**  
City Attorney