



MEMORANDUM

August 11, 2011

TO: Capital Investment Committee

FROM: Eric S. Stuckey, City Administrator
Kevin E. Comstock; ITS Project Manager
Eric Gardner, P.E. Director of Engineering
David Parker, P.E.; CIP Executive

SUBJECT: Consideration of a Change Order for time only for the Franklin ITS Phase 1 ARRA Project. Contract 2010-0091 (Change Order 003)

Purpose

The purpose of this memorandum is to provide the Board of Mayor and Aldermen (BOMA) with information to consider a change order for the Franklin ITS Phase 1 ARRA Project.

Background

On August 11th, 2010 the City of Franklin and Stansell Electric Company, Inc. began construction of the Franklin ITS Phase 1 ARRA Project. The contract called for completion within 365 calendar days and has been extended for a total of 20 (twenty) calendar days through August 31, 2011. Staff would now like to present an additional 28 (twenty-eight) day extension on the project to allow staff to work out details of the fiber optic network configuration.

MIT and TOC have worked in a cooperative manner for over 3 years in the joint use of each department's fiber optic networks. That effort has allowed the City to expand the ITS System and provided MIT with much needed infrastructure in the field at critical locations. As the Franklin ITS/ARRA project nears completion in the Cool Springs area, the need was jointly identified by MIT and TOC staff to upgrade Ethernet switches for this project. Currently, 100 Meg Switches have been purchased for this project. Franklin TV required the video feeds provide 24 frames per second or better (broadcast quality 200 Meg per second) which these switches could not provide. Purchase and installation of 1 Gig Ethernet Switches would provide 10 times the bandwidth as the 100 Meg switches.

Financial Impact

As indicated earlier in this document, this request is for time only. This is a staff created delay in the project to build and provide for the best possible solution related to the fiber optic configuration.

Recommendation

Approval of the proposed change order providing the contractor 28 additional days is recommended.