

Board of County Commissioners

Agenda Request

Date of Meeting: April 7, 2009

Date Submitted: March 19, 2009

To: Honorable Chairman and Members of the Board

From: Benjamin H. Pingree, County Administrator
Cleve Fleming, Public Works Project Director

Subject: Request Board Approval to Authorize Public Works Department to Execute a Contract with Ingram Signalization, Inc. For the Purchase and Installation of a New Traffic Signal Located at Spring Creek Highway and Shadeville Road

Statement of Issue:

This agenda item is being prepared on behalf of the Community Traffic Safety Team and requests Board approval to execute a contract with Ingram Signalization, Inc. for the purchase and installation of a new traffic signal located at the intersection of Spring Creek Highway and Shadeville Road.

Background:

The intersection of Spring Creek Highway and Shadeville Road has been the topic of many safety discussions at the Community Traffic Safety Team meetings. Traffic at this intersection is currently controlled by a yellow flashing caution light for the east / west traffic that travels along Shadeville Road and a red flashing light for the north / south traffic that travels along Spring Creek Highway. This intersection becomes extremely congested and dangerous during the peak traffic hours for both the commuters and school bus traffic.

Analysis:

Ingram Signalization, Inc. is a Florida Department of Transportation (FDOT) pre-qualified contractor for computerized traffic control, roadway signing, electrical work and traffic signal installation. Ingram Signalization, Inc. is currently the contractor that FDOT utilizes for their District Pushbutton Contract. The Pushbutton Contract provides the means for FDOT to quickly respond to unexpected problems concerning signalization, signing and pavement markings. Ingram Signalization went through a formal bidding process with FDOT and was awarded the pushbutton contract on September 11, 2008. Their contract will expire in one year from the date the contract was awarded. It is Public Works intent to make use of the FDOT contract and employ Ingram Signalization as the project contractor.

The proposed project scope provided to Public Works by Ingram Signalization, Inc. included all FDOT required signage, the loops, the controller assembly and the traffic

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signal lights. The scope included installation of these items, all of which will be in conformance with the most current FDOT specifications and standards. The cost for this project is estimated to be \$24, 010.00.

The signal upgrade at the intersection of Spring Creek Highway and Shadeville Road will address the capacity concerns that currently exist at this intersection. With the continued development along the southern corridor of Spring Creek Highway, traffic volume has increased dramatically. The proposed new signalization at this intersection will help maintain a more safe and efficient intersection and provide better traffic circulation.

Funding for the design and construction of traffic signals is part of the Capital Improvement Program (CIP) #307-0600-541-641-000 (Traffic Light Controllers) that has a current balance of \$55,000.00.

Public Works staff recommends that the Board approve and authorize the execution of a contract with Ingram Signalization Inc. to perform the design and the installation of the traffic signal at the intersection of Spring Creek Highway and Shadeville Road.

Options:

1. Approve the purchase and the execution of the contract with Ingram Signalization for the installation of the new traffic signal located at the intersection of Spring Creek Highway and Shadeville Road.
2. Do not approve the purchase and do not execute a contract with Ingram Signalization for the installation of the new traffic signal located at the intersection of Spring Creek Highway and Shadeville Road.
3. Board Direction.

Recommendation:

Option #1

Attachments:

1. Ingram Signalization Inc. Cost Estimate
2. FDOT contract / bid results with Ingram Signalization Inc.