

## COUNCIL ACTION FORM

**SUBJECT: PAVEMENT MANAGEMENT PROGRAM**

**BACKGROUND:**

The Center for Transportation Research and Education (CTRE) is a unit of the Institute for Transportation (InTrans) at Iowa State University. As part of the Iowa Pavement Management Program (IPMP), CTRE assists local agencies with the development of pavement management systems by offering automated data collection on the condition of roads, including information on cracks and the quality of the ride. As part of this service, IPMP also includes high resolution video logging of the roadway along driven routes. The video is linked to the pavement condition data and is used to visually assess pavement condition and assets in the City right-of-way without leaving the office.

**The GIS-based pavement management system facilitates rapid pavement condition analysis over the entire local street network. As a result, Public Works staff will be able to run data-driven cost benefit scenarios based on construction practices and underlying pavement conditions. This will ensure the City's more than \$7,000,000 per year in street construction funds continue to be allocated in the most cost effective and efficient manner.**

The total contract amount is \$22,000, which includes data collection and video logging. In July 2009, the City of Ames received \$221,208 from the I-JOBS Infrastructure Investment Initiative initiated by Governor Culver. To meet the implementation guidance from the State on use of these funds, the I-JOBS funds will be used to offset Road Use Tax funds for the 2009/10 Asphalt Resurfacing & Seal Coat Removal/Asphalt Reconstruction Program currently budgeted at \$925,000. Therefore the Road Use Tax funds offset by I-JOBS funds would now be available for this project.

**ALTERNATIVES:**

1. Approve the 2009 Pavement Management Services contract with CTRE in the amount of \$22,000 using Road Use Tax fund monies that will be offset with I-JOBS revenue.
2. Do not approve the contract at this time.

**MANAGER'S RECOMMENDED ACTION:**

Approving the 2009 Pavement Management Services contract with CTRE will provide for continued data collection and video logging of pavement conditions throughout the

City's entire street system. The pavement management system is a critical tool in assessing roadway maintenance, construction practices, and the subsequent allocation of funds.

Therefore, it is the recommendation of the City Manager that the City Council accept Alternative No. 1, thereby approving the 2009 Pavement Management Services contract with CTRE in the amount of \$22,000 using Road Use Tax fund monies that will be offset with I-JOBS revenue.

A brief demonstration of the capabilities and benefits of this system will be presented to Council on Tuesday night.