

 <p style="text-align: center;">Council Communication Office of the City Manager</p>	Date: June 11, 2012
	Agenda Item No. 42 Roll Call No. <u>12-0910</u> Communication No. <u>12-269</u> Submitted by: William G. Stowe, Assistant City Manager – Public Works Director

AGENDA HEADING:

Payment to the Center for Transportation Research and Education for Pavement Condition Data Collection.

SYNOPSIS:

Beginning in 2001, the City of Des Moines contracted with the Iowa State University Center for Transportation Research and Education (CRTE) for pavement condition data collection. That agreement was renewed in 2003, 2005, 2007, 2008, 2009 and again in 2011. The Iowa Department of Transportation (IDOT) and many Iowa counties and cities participate in this biannual update. To facilitate a more accurate and timely assessment of our pavement conditions, thereby enabling the best use of our maintenance funding, the pavement condition data is collected bi-annually. Based on this ongoing arrangement for bi-annual pavement assessment and this year’s agreement, payment in the amount of \$70,000 is now due for the 2011 data collection by Roadware, Inc. and CTRE management services. Staff recommends approval of the payment.

FISCAL IMPACT:

Amount: \$70,000.00

Funding Source: 2011-2012 Operating Budget, Fund SP360, Org PWK040400, Street Maintenance Fund, page 277.

ADDITIONAL INFORMATION:

The City of Des Moines’ Pavement Management System is a computerized application used in the Department of Public Works to help manage the City’s street maintenance program. This agreement with CTRE for pavement data collection and Geographic Information (GIS) processing updates the street condition data used in the City’s Pavement Management System. In short, the statistical information gathered confirms visual feedback concerning the condition of the street infrastructure. The data is also used to plan future paving programs based on prevailing street conditions.

As part of the Iowa Pavement Management Program (IPMP), the IDOT has pavement distress data collected every two years on all federal aid routes in Des Moines (about 190 miles) at no cost to the City. It benefits the City of Des Moines to have CTRE collect and process pavement condition information on the remaining paved streets at the same time due to the savings in costs because CTRE

is providing data collection on street surfaces which are abutting to the City of Des Moines. The use of a consistent data provider ensures that the information received is compatible and comparable to the information received in the past enabling accurate comparisons of the street condition trends. Several surrounding communities, including West Des Moines and Ankeny, also contract with CTRE to have their pavement date collected. CTRE staff provides training on the IPMP pavement management software and on the IPMP GIS tools and database. CTRE is also available at any time for questions and help with the system.

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The City of Des Moines' Pavement Management System enables staff to access inventory, history data, and pavement condition information required to select streets for upcoming maintenance programs.

PREVIOUS COUNCIL ACTION(S):

Date: July 27, 2009

Roll Call Number: [09-1342](#)

Action: [Agreement](#) with Center for Transportation Research and Education for Pavement Condition Data Collection. ([Council Communication No. 09-511](#)) Moved by Hensley to adopt. Motion Carried 7-0.

Date: July 28, 2008

Roll Call Number: [08-1328](#)

Action: [Agreement](#) with Center for Transportation Research and Education for Pavement Condition Data Collection, not to exceed \$72,500. ([Council Communication No. 08-426](#)) Moved by Kiernan to adopt. Motion Carried 7-0.

Date: June 18, 2007

Roll Call Number: [07-1190](#)

Action: [Exception](#) to procurement ordinance competitive bidding requirements for good cause and approving agreement with Center for Transportation Research and Education for Pavement Condition Data Collection (CTRE) for services related to updating the City's system. ([Council Communication No. 07-351](#)) Moved by Coleman to adopt. Motion Carried 6-1.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Approval of future contracts to collect pavement condition data.

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