

AGENDA ITEM SUMMARY

FORT COLLINS CITY COUNCIL

ITEM NUMBER: 25

DATE: April 21, 2009

STAFF: Joe Olson
Britney Sorensen

SUBJECT

Resolution 2009-038 Authorizing the Mayor to Execute an Intergovernmental Agreement with the Colorado Department of Transportation to Design, Construct, and Enhance Components of the Traveler Information Web Page.

RECOMMENDATION

Staff recommends adoption of the Resolution.

FINANCIAL IMPACT

The Colorado Department of Transportation (CDOT) has awarded the City of Fort Collins \$161,000 in Federal Congestion Mitigation and Air Quality (CMAQ) Funds. The CMAQ Federal funds require a local match of 17.21% equal to \$33,468 with a local overmatch of \$6,352. The local matching funds have been appropriated in the Traffic Operations 2009 approved budget.

The preliminary overall budget for the project is estimated as follows:

Design	\$ 5,000
Closed-Circuit Television Equipment & Software	65,000
Vehicle Detection Equipment	51,000
Communication Equipment	40,000
Installation	20,000
Marketing	<u>20,000</u>
Total	\$ 201,000

EXECUTIVE SUMMARY

This Congestion Mitigation and Air Quality (CMAQ) project will design, construct, and enhance components of the existing Traveler Information Web Page – www.fcgov.com/fctrip. The project will include installation of equipment to expand coverage of the existing closed circuit television (CCTV) system. Additional vehicle detection equipment will also be installed to provide more comprehensive congestion measurement to improve the accuracy of the roadway condition information available to the public on the web page.

BACKGROUND

The Traveler Information Web Page Enhancement project is an expansion of the existing web page component of the Advanced Traffic Management System (ATMS). The web page and parts of the ATMS were financed by CMAQ funds. The web page features a map showing traffic congestion levels on arterial roads that is updated every five minutes. The information for the web page is collected through a variety of on-street components. The congestion levels are calculated from traffic data obtained via video detection cameras and vehicle sensors in the pavement. As part of the project, additional equipment will be installed to provide more comprehensive information regarding roadway conditions. Road construction information and intersection images are also provided through the map. The intersection images provide the traveling public with a visual indication of current road conditions and are uploaded from the CCTV cameras every five minutes. Currently there are 28 cameras located at key intersections throughout the city. This project will install 10 additional CCTV cameras which will increase the number of intersection images available to the public and allow staff to better monitor the city's arterial roadways.

The project is expected to be completed by October 1, 2009.

RESOLUTION 2009-038
OF THE COUNCIL OF THE CITY OF FORT COLLINS
AUTHORIZING THE MAYOR TO EXECUTE AN INTERGOVERNMENTAL
AGREEMENT WITH THE COLORADO DEPARTMENT OF TRANSPORTATION
TO DESIGN, CONSTRUCT, AND ENHANCE COMPONENTS OF THE
TRAVELER INFORMATION WEB PAGE

WHEREAS, the City's Traveler Information Web Page features a map showing traffic congestion levels on arterial roads that is updated every five minutes; and

WHEREAS, the Web Page is a component of the City's Advance Traffic Management System which presently includes twenty-eight closed circuit television cameras located at key intersections throughout the City; and

WHEREAS, this Resolution would authorize the Mayor to execute an intergovernmental agreement with the Colorado Department of Transportation ("CDOT") for an additional award in the amount of \$161,000 in Federal Congestion Mitigation and Air Quality funds, with an additional local provision of matching funds to be provided by the City in the amount of \$39,820, for the purpose of designing, constructing and enhancing the components of the Traveler Information Web Page by the installation of ten additional closed circuit television cameras; and

WHEREAS, these additional cameras will increase the number of intersection images available to the public and will allow the staff to better monitor the City's arterial roadways; and

WHEREAS, the City Council has determined that the CDOT funding and proposed intergovernmental agreement are in the best interest of the City.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF FORT COLLINS that the Mayor is hereby authorized to execute an intergovernmental agreement with CDOT whereby the City will accept an award of funding in the amount of \$161,000 in Federal Congestion Mitigation and Air Quality funds for the purpose of designing, constructing and enhancing components of the Traveler Information Web Page by the addition of ten closed circuit television cameras to the City's Advance Traffic Management System and further provided that the City shall contribute matching funds in the amount of \$39,820.

Passed and adopted at a regular meeting of the Council of the City of Fort Collins this 21st day of April, A.D. 2009.

Mayor

ATTEST:

City Clerk