



STAFF REPORT

Board of Aldermen

A RESOLUTION AUTHORIZING THE FILING OF AN APPLICATION WITH THE U.S. DEPARTMENT OF TRANSPORTATION (USDOT) OFFICE OF THE ASSISTANT SECRETARY FOR RESEARCH AND TECHNOLOGY FOR A STAGE 1 PLANNING AND PROTOTYPING GRANT AUTHORIZED THROUGH SEC. 25005 OF THE BIPARTISAN INFRASTRUCTURE LAW (BIL) PERTAINING TO IMPROVEMENTS TO THE AUTOMATED TRAFFIC SIGNAL PERFORMANCE MEASURES AT KEY INTERSECTIONS IN BRANSON.

DATE: SEPTEMBER 26, 2023

Initiated By: Public Works/Engineering

Approved By: *Cathy Stepp*

Financial Impact: Other (See additional explanation under Detailed Analysis)

Community Plan 2030: TR-1: Road Network

FACTS:

The city has an opportunity to apply for a Stage 1 Planning and Prototyping Grant for an update to our existing automated traffic signal performance measures (ATSPM) system. This update and additional ASTPM installations at intersections will increase the safe passage of emergency vehicles through key intersections that will in turn decrease emergency response times and as a result of these improvements, the city has an opportunity to reduce it's ISO rating.

Sec. 25005 of the BIL establishes the Strengthening Mobility and Revolutionizing Transportation (SMART) Grants Program to "conduct demonstration projects focused on advanced smart city or community technologies and systems in a variety of communities to improve transportation efficiency and safety".

This Resolution authorizes the filing of the application and all necessary paperwork with the U.S. Department of Transportation.

These grant funds will be used for improvements to the city's ASTPM system at key intersections.

DETAILED ANALYSIS:

The SMART Grant program is a no cost match to the city and recipients of Stage 1 grant funds provides the eligibility for Stage 2 Implementation Grants.

Funds will need to be appropriated in the FY2024 Transportation Fund to cover the costs which will then be reimbursed through the grant program.

BACKUP DOCUMENTATION:

No Additional Information