



Request for City Council Committee Action from the Department of Public Works

Date: April 21, 2015

To: Honorable Kevin Reich, Chair Transportation & Public Works Committee

Referral to: Honorable John Quincy, Chair Ways & Means Committee

Subject: **Federal Highway Safety Improvement Program (3rd Street South and 46th Street East)**

Recommendation:

- A. Accept Federal Highway Safety Improvement program funds in the amount of \$769,600 for intersection and traffic signal improvements, pursuant to MnDOT Agency Agreement No. 99903.
- B. Increase the appropriation for Fund 04100 – Department 9010943 – Account CTR1421 by \$769,600 and increase revenue (04100-9010943-CTR1421-Source 321012) by \$769,600 for funding from the Federal Highway Administration.

Previous Directives:

February 24, 2012 – Resolution 2012R-093 authorizing execution of an agreement (MnDOT Agency Agreement No. 99903) with the Minnesota Department of Transportation for Delegated Authority on Federal Aid Projects. This is a blanket agreement for Federally-funded projects whereby the Commissioner of Transportation is allowed to accept federal funds on behalf of the City.

Department Information

Prepared by: David Peterson, Associate Transportation Planner, Traffic & Parking Services,
673-5847

Approved by: _____
Steven A. Kotke, P.E., Director of Public Works

Presenters in Committee: Allan Klugman, Sr. Professional Engineer, Traffic & Parking
Services

Financial Impact

Action provides increased revenue for appropriation increase:

Dept Name: Public Works – Traffic & Parking Services
Fund Name: Capital, Traffic Signal Replacement/Renovation
Project Name & Number: HSIP-46th St-3 Intersections – CTR1421SG103
Amount: \$256,533, Source 321012

Dept Name: Public Works – Traffic & Parking Services
 Fund Name: Capital, Traffic Signal Replacement/Renovation
 Project Name & Number: HSIP-3rd St-6 Intersections – CTR1421SG104
 Amount: \$513,067, Source 321012

Community Impact

City Goals

- Living Well: Minneapolis is safe and livable and has an active and connected way of life
- Great Places: Natural and built spaces work together and our environment is protected.

Background

The Federal Highway Safety Improvement Program (HSIP) is a core Federal-aid program from the Federal Highway Administration (FHWA). The goal of the program is to achieve a significant reduction in traffic fatalities and serious injuries on all public roads. The HSIP requires a data-driven, strategic approach to improving highway safety on all public roads that focuses on performance.

HSIP is part of the FHWA’s Toward Zero Deaths (TZD) vision. TZD articulates the goal of "working toward no fatalities across all modes of travel"; the FHWA's strategic goal of ensuring the "nation's highway system provides safe, reliable, effective, and sustainable mobility for all users"; and the emphasis on safety that FHWA renews every year in our strategic implementation efforts. The TZD approach targets areas for improvement and employs proven countermeasures, integrating application of education, enforcement, engineering, and emergency medical and trauma service. MnDOT administers the Federal HSIP with the goal to achieve a significant reduction in traffic fatalities and serious injuries on all public roads.

Project Description

Public Works has aggressively and successfully pursued Federal HSIP grant support for a variety of traffic safety improvements. An example from recent years is the installation of overhead traffic signal indications on Chicago Ave S. These types of signal indications are known to significantly reduce crashes at intersections by improving the visibility of the traffic semaphore. A three year crash analysis shows a right-angle crash reduction of 45 percent at 21 Minneapolis intersections where overhead signals were added.

This project includes overhead signal improvements on 3rd St S (six intersections) and 46th St E (three intersections). This includes additional improvements to the pedestrian environment at those locations by upgrading all pedestrian curb ramps to Americans with Disabilities Act standards and installing fully-compliant Accessible Pedestrian Signal systems and count-down timers. Three of the 3rd St signals are adjacent to Ryan Development/Downtown East construction blocks; signal reconstruction will be coordinated with these construction activities.

A map showing project locations is included as an attachment.

The City will provide local matching funds for this project through a combination of net debt bonds, municipal state aid funds, and Hennepin County funds. These matching funds are in the 5-Year Capital Improvement Program (TR1421).

Project Name	State Project (SP) Number	Federal Funding Amount	Local Match	Construction Timeline
3 rd St / 46 th St HSIP	141-030-027	\$769,600	\$265,020	Spring 2015

Requested Action

Public Works seeks acceptance of the federal funds, and an increase in the capital appropriations and revenue for funding from the Federal Highway Administration as shown:

- Fund 04100-9010943-CTR1421SG103
 - Increase appropriation by \$256,533
 - Increase revenue by \$256,533 (Source 321012)

- Fund 04100-9010943-CTR1421SG104
 - Increase appropriation by \$513,067
 - Increase revenue by \$513,067 (Source 321012)

Attachment: Map

cc: Hennepin County