

City of Minneapolis
Request for Committee Action

To: Transportation & Public Works
Date: 9/27/2016
Referral: Ways & Means
From: Public Works Department
Lead Staff: Ryan Anderson, Traffic Engineer, Traffic and Parking Services
Presented by: Ryan Anderson, Traffic Engineer, Traffic and Parking Services
File Type: Resolution
Subcategory: Appropriation

Subject:

Federal Highway Safety Improvement Program: funding and agreements

Description:

1. Authorizing acceptance of Federal Highway Safety Improvement Program grant funds in the amount of \$4,858,226 for three traffic signal and safety projects, pursuant to MnDOT Agency Agreement No. 99903.
2. Authorizing an Agreement(s) with Hennepin County, not to exceed \$460,000.
3. Passage of Resolution amending the Five Year Capital Resolution 2015R-497 to reflect grant funding and County State Aid revenues, and adjust Net Debt Bond and Municipal State Aid appropriation and revenue to provide local match funding for the grant.
4. Passage of Resolution amending the bond resolution 2015R-499 and requesting concurrence of the Board of Estimate and Taxation in the reallocation of unissued Net Debt Bonds for Signals in the Traffic Safety program TR022.

Previous Actions:

December 9, 2015 - Resolution 2015R-497, adopting the 2016-2020 Five Year Capital Program.
December 9, 2015 - Resolution 2015R-499, authorizing to issue and sell City of Minneapolis bonds to the 2016 Public Works Capital Improvement Funds TR021 (Traffic Signals) and TR022 (Traffic Safety Improvements).

Ward/Address:

All Wards

Background/Analysis:

In 2011 and 2013, the City of Minneapolis submitted a number of applications for Federal Highway Safety Improvement Program (HSIP) funds, which were successfully funded. The objective of the program is to identify, implement, and evaluate cost effective construction safety projects with a primary goal of reducing fatal and serious injury crashes on all public roads. The federal funding covers up to 90% of the project construction costs with the remaining funding coming from local match funding.

Three project applications were awarded funds all in the calendar year 2016 of MnDOT’s State Transportation Improvement Program (STIP). The projects are:

- SP 141-030-023 35th/36th Street Overhead Signal Upgrades (12 locations)
- SP 141-030-024 Countdown Pedestrian Timers (38 locations)
- SP 141-030-028 24th Street/School Locations Overhead Signal Upgrades (24 locations)

When the HSIP applications were submitted, the City was in the process of determining its ADA transition plan. Also, MnDOT had not yet determined that an overhead signal upgrade project triggered curb ramp replacement. The signal upgrade projects that were applied for did not include replacing the curb ramps in the grant application. Subsequently, beginning in 2014, the City’s policy changed to include curb ramp replacement as part of all signal projects with underground work. This is also now consistent with MnDOT’s current construction requirements for a federally funded project impacting the pedestrian ramp area. These changes increased the original engineer’s estimate included in the grant funding request.

The curb ramp replacements are now included in the scope of SP 141-030-023 35th/36th Street Overhead Signal Upgrades and SP 141-030-028 24th Street/School Locations Overhead Signal Upgrades. This requires replacement of all pedestrian ramps at a given signalized intersection that are significantly disturbed. The additional pedestrian ramp replacements will disrupt more of the existing signal system components; therefore, more elements of the signal system must be upgraded at the same time. Accessible Pedestrian Signals (APS), pedestrian countdown timers, and new 12” signals heads (replacing any existing 8” heads) will be installed.

Public Works Traffic staff anticipated that the overhead signal upgrades projects were likely to exceed current funding amounts in the 2016 TR022 fund and have budgeted a portion of the 2016 TR021 fund to contribute to the local match funding of the HSIP grants. This will allow the City to complete these projects with existing capital appropriations by redistributing traffic signal upgrade funds from TR021 Traffic Signals to complete safety upgrades to signals within the TR022 Traffic Safety Improvements program. The overall funding sources are:

2016 Safety Program CTR022

Net Debt Bonds:	\$1,535,000
Municipal State Aid:	\$ 485,000
County State Aid:	\$ 460,000
Federal Grant:	<u>\$4,858,226</u>
Total Funds Avail:	\$7,338,226

The requested actions seek to accept the grant, enter into agreements, amend the capital budget and bond resolution as noted, and request concurrence from the Board of Estimate and Taxation.

Financial Impact:

Additional appropriation required.

- Increase grant revenue and appropriation by \$1,178,226 in Safety Program CTR022
- Increase MSA revenue and appropriation in Safety Program CTR022 by \$125,000 and decrease MSA revenue and appropriation in Signal Program CTR021 by \$125,000
- Decrease County State Aid revenue and appropriation in Signal Program CTR021 by \$125,000
- Increase Net Debt Bond appropriation and revenue in Safety Program CTR022 by \$600,000, decrease Net Debt Bond appropriation and revenue in Signal Program CTR021 by \$600,000.