

 <p style="text-align: center;"><b>Council Communication</b> Office of the City Manager</p>	<b>Date:</b> August 11, 2014
	<b>Agenda Item No.</b> 9 <b>Roll Call No.</b> <u>14-1206</u> <b>Communication No.</b> <u>14-400</u> <b>Submitted by:</b> Pamela S. Cooksey, P.E., Acting City Engineer

**AGENDA HEADING:**

Approving Fiscal Year (FY) 2016 Traffic Safety Fund Applications to the Iowa Department of Transportation (IDOT).

**SYNOPSIS:**

Recommend approval and authorization to submit applications to the IDOT for FY2016 Traffic Safety Funds for four (4) projects. The IDOT has an annual program to provide funds for Traffic Safety Fund improvements. The deadline for this year’s applications is August 15, 2014. Staff reviewed various locations and has developed four (4) projects for submittal: East 42<sup>nd</sup> Street and Hubbell Avenue Intersection Widening and Signalization, Martin Luther King (MLK) Jr. Parkway and Prospect Road Traffic Signal Installation, Citywide Fixed-Time Signal Upgrade Project – Phase 2, and Traffic Signal Battery Backup Units – Phase 2 (20 Intersections).

**FISCAL IMPACT:**

Amount: \$720,000

Funding Source: \$900,000, 2014-2015 Capital Improvement Program (CIP), Page Street-11, East 42<sup>nd</sup> and Hubbell Avenue Intersection Improvements, G.O. Bonds to be issued; and \$160,000, 2014-2015 CIP, Page Street-40, Traffic Signals, Channelization, and School Crossings, TR091, G.O. Bonds.

**ADDITIONAL INFORMATION:**

1. East 42<sup>nd</sup> Street and Hubbell Avenue Intersection Widening and Signalization

Traffic Safety Funds Requested	\$ 500,000
Federal and State Funding (proposed)	\$1,100,000
Total Project Cost	\$2,500,000

2. MLK Jr. Parkway and Prospect Road Traffic Signal Installation

Traffic Safety Funds Requested	\$ 100,000
Total Project Cost	\$ 200,000

### 3. Citywide Fixed-Time Signal Upgrade Project – Phase 2

Traffic Safety Funds Requested	\$ 120,000
Iowa Clean Air Attainment Funds (approved)	\$ 480,000
Total Project Cost	\$ 660,000

The IDOT implemented an annual program beginning in 1988 to provide for traffic safety improvements. These improvements may include roadway construction projects to correct high-crash locations, upgrading of obsolete traffic control devices to comply with the requirements of the Manual on Uniform Traffic Control Devices, or traffic studies to determine how to correct a safety problem. Since the program began, Des Moines has been successful in receiving approval of 81 projects and over \$19.2 million, including several major intersection improvements, traffic signal upgrades, and other safety projects. Applications are currently being accepted until August 15, 2014, for the next programming cycle.

Traffic and Transportation staff has reviewed various projects, and recommends the following three (3) be submitted for funding:

1. East 42<sup>nd</sup> Street and Hubbell Avenue Intersection Widening and Signalization. This project would consist of widening the Hubbell Avenue approaches to the intersection to provide for left turn lanes in both directions. A northbound right turn lane would be added on East 42<sup>nd</sup> Street. Traffic signals would be installed. The total project cost is estimated to be \$2,500,000. Traffic Safety Funds in the amount of \$500,000 will be requested. Urban-State Traffic Engineering Program (U-STEP) funding will be requested from IDOT for 55% of the remainder of the construction costs.
2. MLK Jr. Parkway and Prospect Road Traffic Signal Installation. This project would consist of installing traffic signals at this intersection. The signals would be fully-actuated, and be interconnected into the existing MLK Jr. Parkway system. The total project cost is estimated to be approximately \$200,000, with Traffic Safety Funds in the amount of \$100,000 being requested.
3. Citywide Fixed-Time Signal Upgrade Project—Phase 2. This project would consist of installing side streets and pedestrian detection at 25 intersections along major traffic corridors, including the East 14<sup>th</sup>/East 15<sup>th</sup> corridors near the Iowa State Capitol, the 19<sup>th</sup>/MLK corridors north of University, and 6<sup>th</sup> Avenue north of University. The total project cost is estimated to be \$660,000. Iowa Clean Air Attainment funding of \$480,000 has already been received through the IDOT. Traffic Safety Funds in the amount of \$120,000 will be requested.

The East 42<sup>nd</sup>/Hubbell Avenue project is included in the current CIP – Street Improvements page 11. The Citywide Fixed-Time Signal Upgrade Project—Phase 2 is in the current CIP—Street Improvements page 40. The remaining project is not included in the current CIP. However, if Traffic Safety Funding is approved, the projects would be recommended for consideration in the FY2015-16 CIP. If funding is approved, construction would be expected to be accomplished in 2016 or 2017.

**PREVIOUS COUNCIL ACTION(S): NONE**

**BOARD/COMMISSION ACTION(S):**

Board: Traffic Safety Committee

Date: July 15, 2014

Resolution Number: N/A

Action: A motion was made by Kevin Williamson to approve staff recommendation that the above-mentioned projects be submitted to the IDOT for consideration in their FY2016 Traffic Safety Improvement Program funding. Seconded by Merlin Davis. A consensus of the membership present approved the motion.

**ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:**

If approved by the IDOT for funding, project agreements and construction contracts would be forthcoming at a future City Council meeting.

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