

LRB – FISCAL REVIEW SECTION ANALYSIS

PUBLIC IMPROVEMENTS COMMITTEE

ITEM 19, FILE 050378

JULY 20, 2005

ANGELYN WARD

File #050378 is a substitute resolution authorizing and directing the Commissioner of Public Works and the City Comptroller to execute a project agreement with the Wisconsin Department of Transportation for the installation of traffic signal improvements in the City of Milwaukee at 124 signalized intersections under the 2006 Hazard Elimination Safety Program.

Background and Discussion

1. This resolution authorizes and directs the Commissioner of Public Works and the City Comptrollers to execute a project agreement with the Wisconsin Department of Transportation (WISDOT) for the programming and construction of traffic sign/roadway improvements using Hazard Elimination Safety (HES) program funds. The project includes the *preliminary engineering and construction costs only* for the installation of Light Emitting Diode (LED) signals at 124 intersections within the City.
2. The City's Accident Identification and Surveillance program, which gathers accident information on severity, type, injury, property, time-of-day, etc., identified 124 locations with a high frequency of crashes involving the disregard of traffic signals. This is the second grant, which focused on intersections with a high number of crashes and severity. In the first grant, approved in Common Council Files #041072 and 041035, December 21, 2004, LED signal heads were installed in 101 intersections.
3. By installing the LED signal heads, there will be increased visibility of signal indications and increased safety at the intersections. The LED signals are brighter overall. The bulbs last longer, requires less energy, resulting in less maintenance and replacement.
4. In this HES project, the federal funding is 90% and the city funding is 10%. The **total** project cost is \$750,000, with the grant providing of \$675,000 and city providing \$75,000. The projected is expected to begin in late 2005 and anticipated completed by summer of 2006.

Fiscal Impact

1. In this agreement, the **preliminary** engineering and construction cost for the project is estimated at \$75,000, with 90% provided by the 2006 HES program and 10% provided by the city.
2. According to the 2005 Approved Budget, the city share from the capital improvements account – Paving Program, Street Reconstruction-City Contribution to State and Federally Aided projects, Account ST32005000, New Borrowing, had a total of \$17,137,965 of Carryover Borrowing authority and \$1,438,807 of New Borrowing approved for 2005.

Cc: Marianne Walsh Jeffrey Polenske
W. Martin Morics Clark Wantoch
Mark Nicolini Robert Bryson

Prepared by: Angelyn Ward (286-8661)
LRB – Fiscal Review Section
July 19, 2005