

LRB – FISCAL REVIEW SECTION ANALYSIS

PUBLIC WORKS COMMITTEE

ITEM 23, FILE 050969

NOVEMBER 22, 2005

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File #050969 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 focuses 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. This file requests approval for the construction costs associated with 124 intersections. Common Council File #050378, approved the preliminary engineering costs of the 124 intersections.
4. 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. The high frequency of accidents could be addressed with improvements to signal visibility.
5. In this HES project, the federal funding is 90% and the city funding is 10%. The **total** project cost is \$658,766.43, with the grant providing of \$592,889.79 and city providing \$65,876.64. The projected is expected to begin in 2006 and is anticipated to be completed within the year.

Fiscal Impact

1. In this agreement, the construction costs for the project is estimated at \$658,766.43, with 90%, \$592,889.79 provided by the 2006 HES grant and 10%, \$65,876.64, by the city.
2. The department indicates that the city share from the 2006 capital improvements account – Paving Program, Street Reconstruction-City Contribution to State and Federally Aided projects.

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LRB – Fiscal Review Section
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