

LRB – RESEARCH AND ANALYSIS SECTION

PUBLIC WORKS COMMITTEE

ITEM 33, FILE 060596

SEPTEMBER 13, 2006

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File #060596 is a substitute resolution authorizing the Commissioner of Public Works and the City Comptroller to execute two project agreements with the Wisconsin Department of Transportation for the installation of traffic signal improvements in the City of Milwaukee at 162 signalized intersections under the 2006 Hazard Elimination Safety Program. (Infrastructure Services Division)

BACKGROUND AND DISCUSSION

1. This resolution authorizes the Commissioner of Public Works and the City Comptroller to execute two project agreements with the Wisconsin Department of Transportation (WISDOT) for the programming and construction of traffic signal/roadway improvements using Hazard Elimination Safety program funds.
2. The project includes replacing existing incandescent traffic signal lamps with Light Emitting Diode (LED) indications, resulting in energy savings. The improvements will also increase visibility in order to reduce accidents at 162 intersections.
3. The total estimated cost for the project is \$950,000. The estimated cost for the preliminary engineering is \$95,000. A breakdown of cost estimates include:

Cost Estimate

<i>130 Intersections</i>	Cost	Grantor Funds	% Share	City Funds	% Share
Design	\$75,000	\$67,500	90%	\$7,500	10%
Construction	\$675,000	\$607,500	90%	\$67,500	10%
Total Project Estimate	\$750,000	\$675,000		\$75,000	
<i>32 Intersections</i>					
Design	\$20,000	\$18,000	90%	\$2,000	10%
Construction	\$180,000	\$162,000	90%	\$18,000	10%
Total Project Estimate	\$200,000	\$180,000		\$20,000	
Grand Total Estimate	\$950,000	\$855,000		\$95,000	

4. The City share of the preliminary design is \$9,500.

FISCAL IMPACT

1. The estimated cost for the installation of 2 traffic signal improvement projects with the Wisconsin Department of Transportation funded by the 2006 Hazard Elimination Safety Program is \$950,000. The preliminary engineering estimated cost is \$95,000. The grantor share is \$85,500, 90% and the city share is \$9,500, 10%.
2. A resolution will be issued in the future authorizing expenditures for construction activities.

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