

LRB – RESEARCH AND ANALYSIS SECTION

PUBLIC WORKS COMMITTEE

ITEM 16, FILE 051255

JANUARY 25, 2006

ANGELYN WARD

File #051255 is a resolution authorizing and directing the Commissioner of Public Works to execute a project agreement with the Wisconsin Department of Transportation for median island reconfiguration, alteration and the installation of a traffic signal and signing improvements at the intersection of South Layton Boulevard and West National Avenue in the 8th Aldermanic Districts under the Hazard Elimination Safety Project.

BACKGROUND AND DISCUSSION

1. This resolution authorizes and directs the Commissioner of Public Works to execute a project agreement with the Wisconsin Department of Transportation (WISDOT) for median island reconfiguration, alteration and the installation of a traffic signal and signing improvements using Hazard Elimination Safety Program funds.
2. A safety audit was conducted at the intersection of South Layton Boulevard and West National Avenue under the Roadway Improvement Demonstration Program sponsored by the American Automobile Association (AAA). The audit found a high number of rear end, angle, left turn and pedestrian-related crashes. The proposed improvements, based on the audit, include installing Walk/Don't Walk LED housings and countdown timers; modifying medians – shortening noses, partial closing; installing left signal housing for EB and WB vehicles; upgrading all signal housings to 12" LED lenses; installing overhead mast arm mounted signals in the WB and SB directions; installing reflective back plates on all far side and overhead signals; minor timing changes; pavement markings – stop bars; operating left-turn arrows at the intersection in all directions, throughout the day.
3. The total cost for design and construction is \$132,998. The estimated breakdown of funding for the project includes:

Cost Estimate

	Total Est. Cost	Federal Funds	% Share	Municipal Funds	% Share
Design	\$17,348.00	\$15,613.20	90%	\$1,734.80	10%
Construction	\$115,650.00	\$104,085.00	90%	\$11,565.00	10%
Total Project Estimate	\$132,998.00	\$119,698.20		\$13,299.80	

4. The expected completion date is in 2007.

FISCAL IMPACT

1. The estimated cost of the Hazard Elimination Safety Program is \$132,998, with the grantor share providing \$119,698.20, 90%, and the City share is \$13,299.80, 10%.
2. The City funding is through the 2006 capital improvements fund, the Paving Program-Street Reconstruction-City Contribution to State and Federally Aided Projects.

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