

LRB – RESEARCH AND ANALYSIS SECTION

PUBLIC WORKS COMMITTEE

ITEM 19, FILE 051663

APRIL 26, 2006

ANGELYN WARD

File #051663 is a substitute resolution authorizing the Commissioner of Public Works to install traffic control improvements in conjunction with a Hazard Elimination Safety Grant for the intersection of West Center Street and North Teutonia Avenue in the 15th Aldermanic District at a total estimate cost of \$21,514.84 with an estimated City Share of \$2,151.48.

BACKGROUND AND DISCUSSION

1. This substitute resolution authorizes the Commissioner of Public Works to install traffic control improvements at the intersection of West Center Street and North Teutonia Avenue at a total estimate cost of \$21,514.84 with an estimated City Share of \$2,151.48. The Surface Transportation Program (STP) provides cost participation for the construction of traffic control improvements with Federal Highway Safety Funds under the 2006 Hazard Elimination Safety (HES) Program.
2. Common Council File #051253, adopted February 7, 2006, approved the preliminary engineering for the traffic control improvements at this intersection. A safety audit was conducted at the intersection of Center Street and North Teutonia Avenue under the Roadway Improvement Demonstration Program sponsored by the American Automobile Association (AAA). The audit found a high number of rear end, angle and pedestrian-related crashes. The proposed improvements, based on the audit, include pavement markings, designating left-turn lanes, stop bars; upgrading signals to 12” LED lenses; pedestrian LED “Walk/Don’t Walk” combination housings and the installation of mast arms and back plates. A breakdown of the original costs included:

Cost Estimate

	Total Est. Cost	Federal Funds	% Share	Municipal Funds	% Share
Design	\$3,113.00	\$2,801.70	90%	\$311.30	10%
Construction	\$20,750.00	\$18,675.00	90%	\$2,075.00	10%
Total Project Estimate	\$23,863.00	\$21,476.70		\$2,386.30	

3. In this resolution, the total estimated construction costs is \$21,514.84, with \$19,363.36, 90%, provided by the HES grant and \$2,151.48, 10% provided by the city. The cost for the construction increased by \$764.84, 3.2%, due to the cost of materials.
4. According to the construction agreement, the approximate start date is July 2006, with completion by December 2007.

FISCAL IMPACT

1. The estimated construction cost for the installation of traffic control improvements at the intersection of West Center Street and North Teutonia Avenue through the Hazard Elimination Safety Grant is \$21,514.84, with the grantor share providing \$19,363.36, 90%, and the City share is \$2,151.48, 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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