

Office of the City Engineer

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January 21, 2015

Legistar Item: 15-00075

To: Alderman Jim Kaplan, Chairman  
Public Works and Services Committee

From: John Rooney *JCR*  
Assistant Commissioner of Public Works/City Engineer

Re: Roundabout Differential Cost – State Project ID: 2350-00-00-/70 Hamilton  
Street/Douglas Avenue – Main Street to Gould Avenue

After extensive review and analysis by WISDOT, the proposed roundabout at the intersection of Hamilton Street and Douglas Avenue (STH 32) project is not warranted. Therefore, any additional cost associated with the reconstruction of a roundabout in lieu of a typical 4-legged intersection would be borne by the City of Racine. It is estimate that these additional costs to the City of Racine would be \$265,000. (See below)

	<u>Four-Way</u>	<u>Roundabout</u>	<u>City's Share</u>	
Construction	\$155,000	\$205,000	\$ 50,000	(See note below)
Right-of-Way	\$ 2,948	\$ 4,560	\$ 1,612	Unit Cost Provided by City
Acquisition	\$ 0	\$ 80,000	\$ 80,000	2013 Assessed Value
Relocation Consultant	\$ 0	\$ 10,000	\$ 10,000	City Hired
Relocation Benefits	\$ 0	\$ 45,000	\$ 45,000	Estimate by Reloc. Consultant
Demolition	\$ 0	\$ 26,000	\$ 26,000	City Estimate
Remediation	\$ 0	\$ 1,000	\$ 1,000	Asbestos if Required
Billboard Parcel	\$ 0	\$ 50,000	\$ 50,000	Relocate Billboard
<b>Total</b>	<b>\$157,948</b>	<b>\$420,560</b>	<b>\$263,612</b>	

Therefore, if the Public Works and Services Committee is desirous of installing a roundabout at this location, the State Municipal Agreement would need to be revised to reflect the additional City of Racine costs.

The roundabout installation is not necessary, but could serve as a future gateway landmark to the Walker Development property. You may want to consider this when making a decision.

If the Committee would like to pursue the roundabout, the recommendation would be to direct the City Engineer to negotiate a revised State Municipal Agreement with WisDOT.

JCR:njp