Project Application for 2008-2011 HIGHWAY SAFETY IMPROVEMENT PROGRAM

DESIGN ID:		TIED PROJECT IDs:					
RELATED ID(s): (R/W) (CONST)							
Project Description							
1. NAME OF ROAD/INTERSECTION			HWY NO.				
N. 35 th St. at W. Wisconsin Av., W. Vliet St., and W. Center St.			USH 18				
COUNTY	CITY OF		TOWN OF				
Milwaukee	Milwaukee						
NAME OF THE MPO THE PROJECT IS	REPRESENTED BY						
Southeast Wisconsin Regional Planning Commission (SEWRPC)							
Is the estimated cost of the project less than \$25,000? Yes X No If YES, be sure to complete Box 6 in addition to the rest of this form.							
2A. SEGMENT		Project Length	1				
Current Average Daily Traffic	'	Toject Length	Miles				
Roadway Width	Crash Rate	Shoulder \	Vidth				
2B. INTERSECTIONS		Crash Rate:	Entering Vehicle Volume:				
W. Wisconsin Av. and N. 35 th St	ı •	1.17	37,300				
W. Vliet St. and N. 35 th St.		1.47	32,400				
W. Center St. and N. 35 th St.		2.07	29,300				

Identification of Hazard

2C. Explain identified hazards such as: Visibility Restrictions, Curves, Hills, Intersection Problems, Bike/Ped Conflicts, Narrow Shoulders, Rutting, Etc.

A corridor and intersection safety audit performed by Opus International Consulting, Inc. which was commissioned by the American Automobile Association (AAA). From 2004 to 2006, there were 44 crashes at N. 35th St. and W. Wisconsin Av. resulting in 21 injuries, 48 crashes at N. 35th St. and W. Vliet St. resulting in 25 injuries, and 61 crashes at N. 35th St. and W. Center St. resulting in 42 injuries. Of the total 153 crashes, there were 36 disregard of red crashes (24%), 27 rear-end crashes (18%), and 7 pedestrian-related crashes (5%).

The following hazards were identified at all three intersections. The use of post mounted signals, 8" lenses, and incandescent signals reduce signal visibility. The absence of stop bars on all approaches causes vehicles to encroach into crosswalks where painted and the absence of pedestrian countdown timers increase pedestrian vehicle conflicts at the end of green signal phases.

Proposed Improvement

3. In some detail, describe the proposed project and how it will address the identified hazard.

A corridor and intersection safety audit performed by Opus International Consulting, Inc. identified the following improvements to increase pedestrian and vehicle safety by reducing the number of disregard of red, rear-end, and pedestrian-related crashes. Stop bars will be painted on all approaches. The traffic signals will be upgraded to 12" lenses, far-right overhead mast arms will be installed on all approaches, signals will be installed on the east median at W. Wisconsin Av. at N. 35th St., and backplates with reflective borders will be installed on far side signal indications to maximize signal visibility to reduce right-angle and rear-end crashes. Pedestrian indications will be upgraded to 12" combination "Walk/Don't Walk" indications and countdown timers will be installed to ensure pedestrians enter and clear the intersection safely.

Project Cost

4. Estimate project costs in today's dollars)				
, ,	FY 2008	FY 2009	FY 2010	FY 2011
Preliminary Engineering-Design (-00)*: Include state review		\$8,000		
Construction Inspection (-71)		\$5,000		
Traffic Signals and Signs (-90)		\$72,000		
Other Costs		\$0		
** TOTAL		\$85,000		

6. PRIMARY CONTACT PERSON or AC	GENCY					
NAME		TITLE				
Jeffrey S. Polenske, P.E.		City Engineer	i ë			
ADDRESS		TELEPHONE				
841 N. Broadway, Room 701		(414) 286-2400				
MUNICIPALITY		STATE	ZIP			
Milwaukee		WI	53202			
Complete this box only for	or projects les	s than \$25,000:				
5. Will project affect or use land from a p	property on the Nationa	al Register of Historic Places?	Y	es \square No		
Will project require the use of any put or wildlife and waterfowl refuge?	olicly-owned land from	a public park, recreation area	, \bigcap Y	es No		
	d and agricaned to do th	ha wark?	☐ Yes ☐ N			
Is your municipality adequately staffed				<u></u>		
Does your municipality have prior con	nmitments that would in	mpair your performance of thi	s work?	es 🏻 No		
7. SIGNATURE, LOCAL APPROVING	DATE					
WisDOT Information – Sh	aded areas to be	completed by WisDC	T staff only.			
WisDOT Information — Sh A. Environmental Documentation Type	aded areas to be	completed by WisDC	T staff only.			
	aded areas to be		T staff only.			
A. Environmental Documentation Type			,			
A. Environmental Documentation Type C. PMSID			,			
A. Environmental Documentation Type C. PMSID DISTRICT APPROVAL			E. PEF			
A. Environmental Documentation Type C. PMSID DISTRICT APPROVAL Project Supervisor			,			
A. Environmental Documentation Type C. PMSID DISTRICT APPROVAL			E. PEF			
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A. Environmental Documentation Type C. PMSID DISTRICT APPROVAL Project Supervisor Planning Supervisor			Date Date	-		
A. Environmental Documentation Type C. PMSID DISTRICT APPROVAL Project Supervisor Planning Supervisor C.O. Concurrence			Date Date Approved	-		

REVISED 01/02/2003

 ^{*} Ineligible cost for Small Local HES Project (less than \$25,000).
 ** The project sponsors will be responsible for any project costs in excess of the approved project cost.

PROJECT LOCATION MAP



INTERSECTION PICTURES NORTH 35TH STREET (3 INTERSECTIONS)

Wisconsin and 35th - Facing East



Wisconsin and 35th - Facing North



Wisconsin and 35th - Facing West



Wisconsin and 35th - Facing South



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INTERSECTION PICTURES NORTH 35TH STREET (3 INTERSECTIONS)

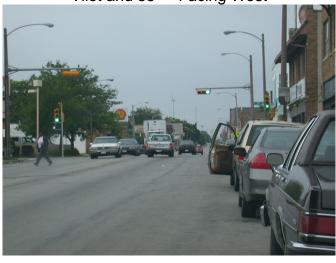
Vliet and 35th - Facing East



Vliet and 35th - Facing North



Vliet and 35th - Facing West



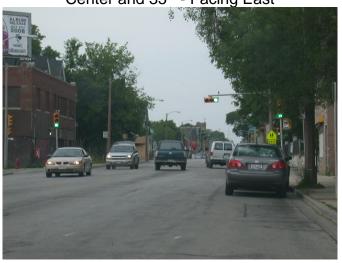
Vliet and 35th - Facing South



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INTERSECTION PICTURES NORTH 35TH STREET (3 INTERSECTIONS)

Center and 35th - Facing East



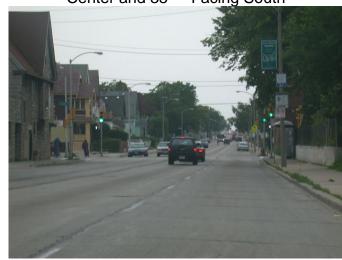
Center and 35th - Facing North



Center and 35th - Facing West



Center and 35th - Facing South



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