

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 N. 35th St. at W. Wisconsin Av., W. Vliet St., and W. Center St.		HWY NO. USH 18
COUNTY Milwaukee	CITY OF Milwaukee	TOWN OF
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

☒ No

If YES, be sure to complete Box 6 in addition to the rest of this form.

2A. SEGMENT Current Average Daily Traffic	Project Length Miles	
Roadway Width	Crash Rate	Shoulder Width

2B. INTERSECTIONS	Crash Rate:	Entering Vehicle Volume:
W. Wisconsin Av. and N. 35th St.	1.17	37,300
W. Vliet St. and N. 35th St.	1.47	32,400
W. Center St. and N. 35th 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		

* 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.

6. PRIMARY CONTACT PERSON or AGENCY		
NAME <i>Jeffrey S. Polenske, P.E.</i>	TITLE <i>City Engineer</i>	
ADDRESS <i>841 N. Broadway, Room 701</i>	TELEPHONE <i>(414) 286-2400</i>	
MUNICIPALITY <i>Milwaukee</i>	STATE <i>WI</i>	ZIP <i>53202</i>

Complete this box only for projects less than \$25,000:

5. Will project affect or use land from a property on the National Register of Historic Places? ☐ Yes ☐ No
- Will project require the use of any publicly-owned land from a public park, recreation area, or wildlife and waterfowl refuge? ☐ Yes ☐ No
- Is your municipality adequately staffed and equipped to do the work? ☐ Yes ☐ No
- Does your municipality have prior commitments that would impair your performance of this work? ☐ Yes ☐ No

7. SIGNATURE, LOCAL APPROVING AUTHORITY	DATE
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WisDOT Information – Shaded areas to be completed by WisDOT staff only.

A. Environmental Documentation Type		B. Hazard Elimination Type	
C. PMSID	D. Functional Class	E. PEF	

DISTRICT APPROVAL Project Supervisor	Date
Planning Supervisor	Date

C.O. Concurrence	Approved _____ Disapproved _____
Approving Authority	Date

REVISED 01/02/2003

PROJECT LOCATION MAP



INTERSECTION PICTURES NORTH 35TH STREET (3 INTERSECTIONS)

Wisconsin and 35th - Facing East



Wisconsin and 35th - Facing West



Wisconsin and 35th - Facing North



Wisconsin and 35th - Facing South



INTERSECTION PICTURES NORTH 35TH STREET (3 INTERSECTIONS)

Vliet and 35th - Facing East



Vliet and 35th - Facing West



Vliet and 35th - Facing North



Vliet and 35th - Facing South



INTERSECTION PICTURES NORTH 35TH STREET (3 INTERSECTIONS)

Center and 35th - Facing East



Center and 35th - Facing West



Center and 35th - Facing North



Center and 35th - Facing South

