

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 <i>28 Connecting Highway Intersections – Traffic Signal Face 12-Inch Installation</i>		HWY NO. <i>IH 43/94, USH 18, STH 32/38/57/59/181/190</i>
COUNTY <i>Milwaukee</i>	CITY OF <i>Milwaukee</i>	TOWN OF
NAME OF THE MPO THE PROJECT IS REPRESENTED BY <i>SEWRPC</i>		

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. INTERSECTION Roadway Width	Crash Rate <i>Varies</i>	Entering Vehicle Volume <i>Varies</i>
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Identification of Hazard

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

Twenty eight connecting highway intersections with 8-inch traffic signal faces were identified as experiencing a high number and frequency of crashes including disregard of red and rear end crashes from 2006-08.

Intersection	Crashes (2006-08)	Entering Volume	Crash Rate	Est. Cost
Burleigh & 20th	33	18,500	1.77	\$ 4,500
Capitol & 7th	33	37,300	0.88	\$ 3,700
Capitol & 20th	28	37,000	0.75	\$ 2,500
Capitol & Holton	27	43,500	0.62	\$ 5,300
Capitol & Richards	18	46,700	0.38	\$ 6,300
Center & 20th	21	22,400	0.93	\$ 5,300
Center & Fond du Lac	33	36,400	0.90	\$ 2,500
Chase & Oklahoma	32	35,300	0.90	\$ 6,200
Fond du Lac & 27th	28	37,700	0.74	\$ 2,500
Fond du Lac & 60th	34	52,100	0.65	\$ 3,500
Fond du Lac & 68th	33	36,900	0.89	\$ 7,300
Fond du Lac & Hampton	41	52,300	0.78	\$ 2,000
Fond du Lac & Maxwell	35	34,000	1.02	\$ 9,300
Fond du Lac & North	16	38,900	0.41	\$ 4,200
Fond du Lac & Roosevelt	17	40,800	0.41	\$ 7,300
Hampton & 76th	33	43,600	0.75	\$ 4,800
Hopkins & 20th	17	18,300	0.92	\$ 3,300
Lincoln Memorial & Michigan	49	38,900	1.25	\$ 4,700
Locust & 20th	21	17,800	1.17	\$ 7,700
National & 1st	39	30,800	1.26	\$ 6,700

National & 5th	17	16,600	1.02	\$ 3,300
National & 6th	49	27,500	1.77	\$ 4,300
North & 20th	40	22,400	1.78	\$ 4,200
Old World 3rd & State	20	13,600	1.46	\$ 9,000
Park Hill & 35th (north)	21	23,500	0.89	\$ 4,500
Park Hill & 35th (south)	15	29,000	0.51	\$ 3,500
Saint Paul & 27th	38	54,300	0.70	\$ 2,500
State & 4th	20	11,000	1.81	\$ 9,200
Totals	808	917,100	0.88	\$ 140,100

Proposed Improvement

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

The installation of larger 12-inch traffic signal faces at the 28 intersections identified will reduce the number and severity of crashes by reducing the number of disregard of red and rear end crashes.

Project Cost

4. Estimate project costs in today's dollars)	FY 2009	FY 2010	FY 2011	FY 2012	HSIP Funds Requested
Preliminary Engineering-Design*: Include state review (-00)			\$15,000		\$15,000
Construction Inspection (-71)			\$10,000		\$10,000
Traffic Signals (-90)			\$115,100		\$115,100
** TOTAL			\$140,100		\$140,100

* Ineligible cost for Small Local HSIP Project (less than \$25,000).

** The project sponsors will be responsible for any project costs in excess of the approved project cost.

Project Checklist

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

Contact Information and Signature

6. PRIMARY CONTACT PERSON or AGENCY		
NAME <i>Jeffrey S. Polenske, P.E.</i>	TITLE <i>City Engineer</i>	
ADDRESS <i>841 North Broadway, Room 701</i>	TELEPHONE <i>(414) 286-2400</i>	
MUNICIPALITY <i>City of Milwaukee</i>	STATE <i>WI</i>	ZIP <i>53202</i>
7. SIGNATURE OF LOCAL APPROVING AUTHORITY		DATE

WisDOT Information – Shaded areas to be completed by WisDOT staff only.

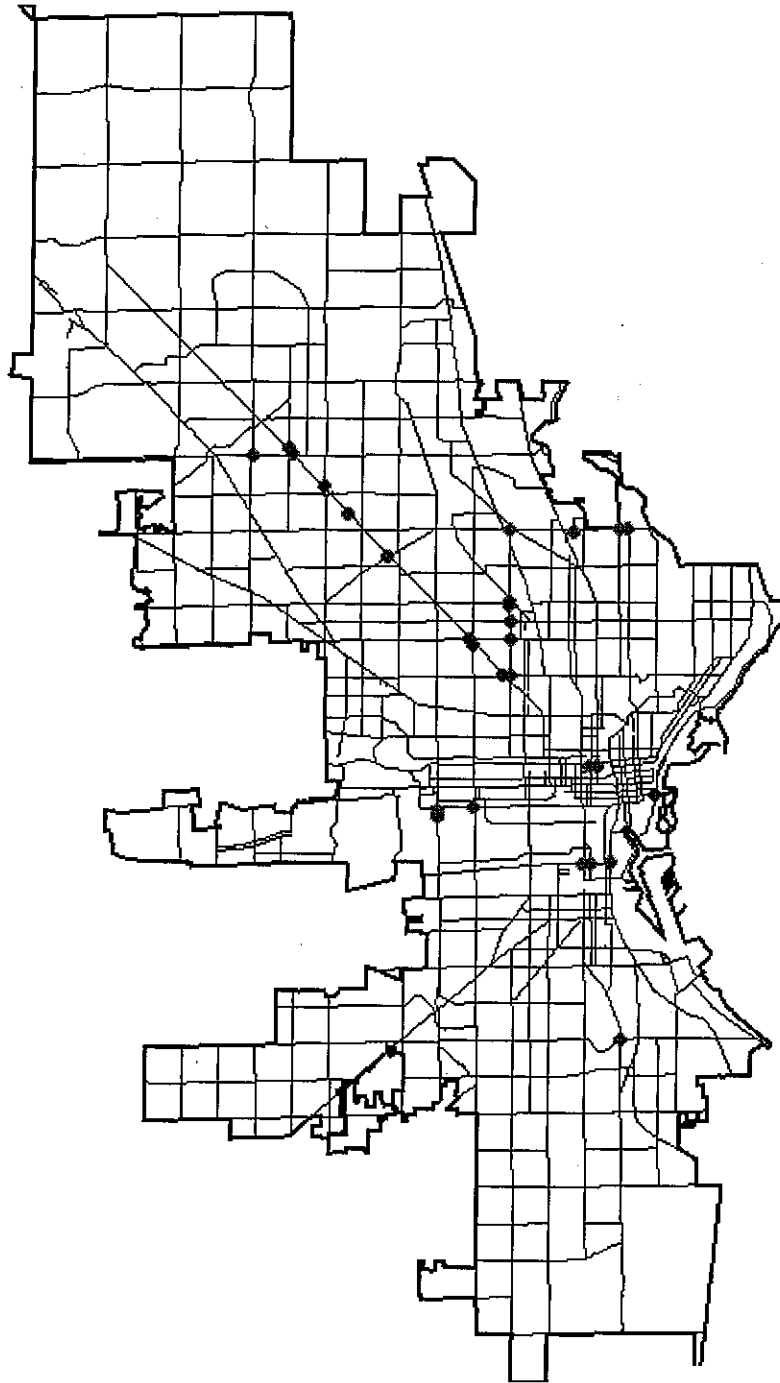
A. Environmental Documentation Type	B. Hazard Elimination Type	
C. PMSID	D. Functional Class	E. PEF

REGION APPROVAL Project Supervisor	Date
Planning Supervisor	Date

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

REVISED 12/12/06

PROJECT LOCATION MAP



CITY OF MILWAUKEE DEPT. OF PUBLIC WORKS
HSIP GRANT APPLICATION
SIGNAL FACE 3-12 INCH INSTALLATION
28 CONNECTING HIGHWAY INTERSECTIONS