

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>37 Local Street Intersections – Traffic Signal Face 12-Inch Installation</i>		HWY NO.
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.

Thirty seven local street 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
Brown & 27th	22	25,700	0.85	\$ 6,700
Burleigh & 51st	43	28,300	1.51	\$ 3,300
Center & Sherman	54	41,200	1.30	\$ 7,000
Greenfield & Layton Blvd.	28	40,300	0.69	\$ 7,500
Hampton & 32nd	19	36,500	0.52	\$ 5,000
Hampton & 37th	25	32,800	0.76	\$ 4,500
Hampton & 51st	38	37,400	1.01	\$ 7,200
Hampton & 60th	47	48,700	0.96	\$ 7,200
Hampton & 68th	28	24,100	1.16	\$ 8,300
Hampton & Hopkins	36	39,200	0.91	\$ 6,300
Hampton & Sherman	36	54,800	0.65	\$ 7,300
Hampton & Teutonia	41	47,700	0.86	\$ 7,200
Layton & 13th	37	44,500	0.83	\$ 5,200
Layton Blvd. & Lincoln/27th	36	41,900	0.85	\$ 5,300
Lincoln & 16th	35	28,400	1.23	\$ 6,000
Lincoln & 20th	22	22,000	1.00	\$ 7,000
Lincoln & Windlake	17	23,900	0.71	\$ 7,200
Lisbon & 27th	31	31,800	0.97	\$ 5,300
Locust & 27th	27	27,100	0.99	\$ 5,300
Locust & 35th	26	25,000	1.03	\$ 4,200
Locust & Oakland	24	37,200	0.64	\$ 5,000

Locust & Sherman	34	40,700	0.83	\$ 11,300
Locust & Teutonia	21	29,700	0.70	\$ 4,300
Michigan & 35th	38	22,900	1.65	\$ 5,800
Mill & 60th	39	37,100	1.05	\$ 3,300
Mill & 91st	38	35,800	1.06	\$ 7,000
Mill & Teutonia	18	26,100	0.69	\$ 9,700
North & 12th	26	21,000	1.23	\$ 6,200
North & 27th	31	33,100	0.93	\$ 3,300
North & Oakland	25	30,600	0.81	\$ 5,000
North & Teutonia	41	25,100	1.63	\$ 6,000
Oklahoma & 35th	31	35,000	0.88	\$ 8,300
Saint Paul & 35th	30	22,000	1.36	\$ 8,700
Silver Spring & 64th	35	35,100	0.99	\$ 5,200
Townsend & 35th	20	18,100	1.10	\$ 7,000
Villard & 60th	29	35,400	0.82	\$ 6,700
Walnut & 12th	19	16,400	1.15	\$ 5,300
Totals	1,147	1,202,600	0.95	\$ 231,000

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 37 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)			\$20,000		\$20,000
Construction Inspection (-71)			\$10,000		\$10,000
Traffic Signals (-90)			\$201,000		\$201,000
** TOTAL			\$231,000		\$231,000

* 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.

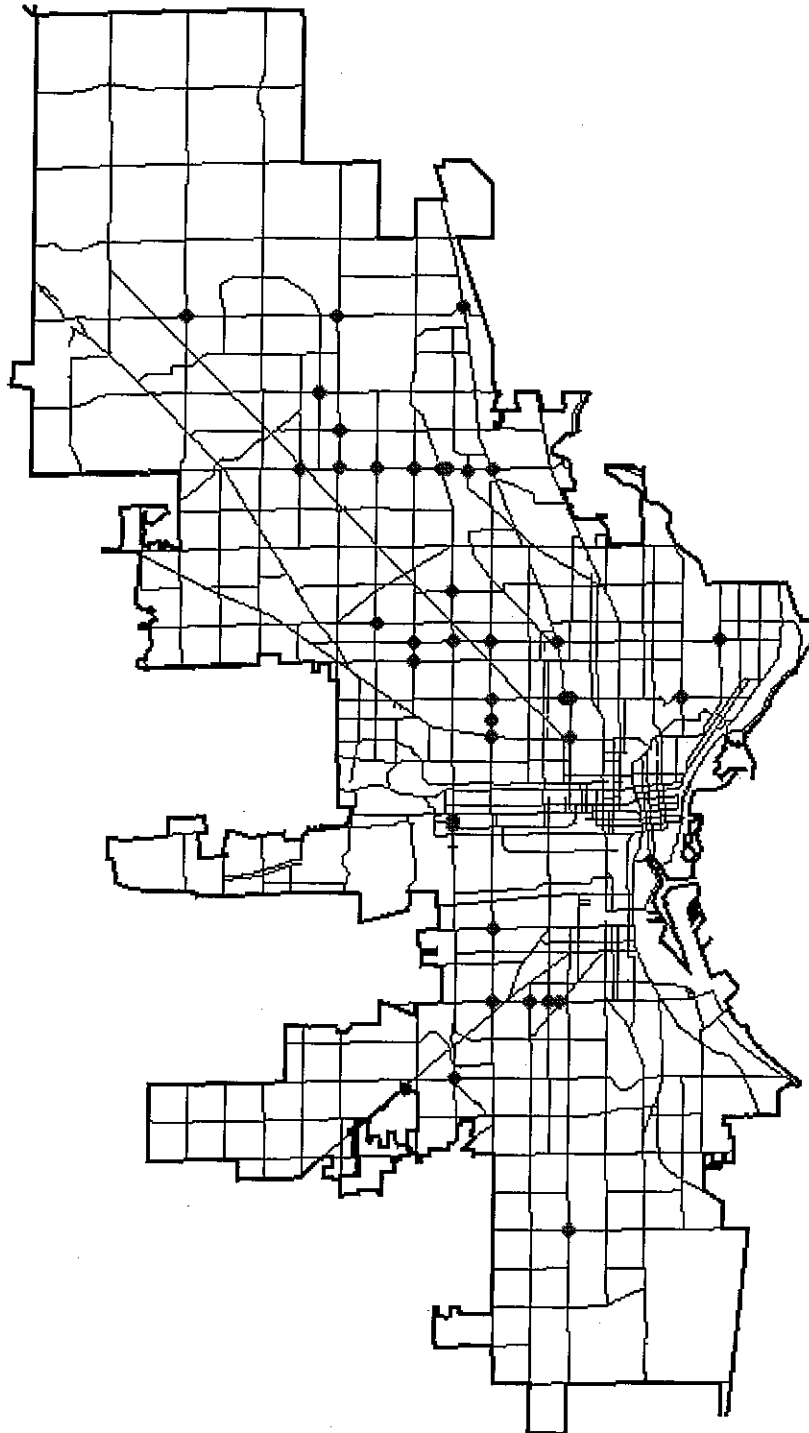
A. Environmental Documentation Type		B. Hazard Elimination Type	
C. PMSID	D. Functional Class		E. PEF

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
37 LOCAL STREET INTERSECTIONS