

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>W. Wright St. and N. 35th St.</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>1.44</i>	Entering Vehicle Volume <i>17,930</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.

The existing geometric configuration of the intersection, including the proximity of buildings on the northeast and northwest corners, provides very poor visibility of northbound/southbound traffic on North 35th Street for eastbound/westbound traffic on West Wright Street. This has led to a high number of right angle crashes at the intersection.

Proposed Improvement

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

To create a safer exchange of right-of-way and provide gaps in traffic on North 35th Street for traffic on West Wright Street, a warranted traffic signal will be installed at the intersection to reduce crashes.

Project Cost

4. Estimate project costs in today's dollars)	FY 2008	FY 2009	FY 2010	FY 2011	HSIP Funds Requested
Preliminary Engineering-Design*: Include state review (-00)		\$25,000	\$0		\$25,000
Real Estate *		\$0	\$0		\$0
Major Construction Items (Include Construction Engineering and Contingencies) (-70)		\$0	\$0		\$0
Signals, Signs, and Street Lighting (-90)		\$0	\$65,000		\$65,000
** TOTAL		\$25,000	\$65,000		\$90,000

* 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 N. 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

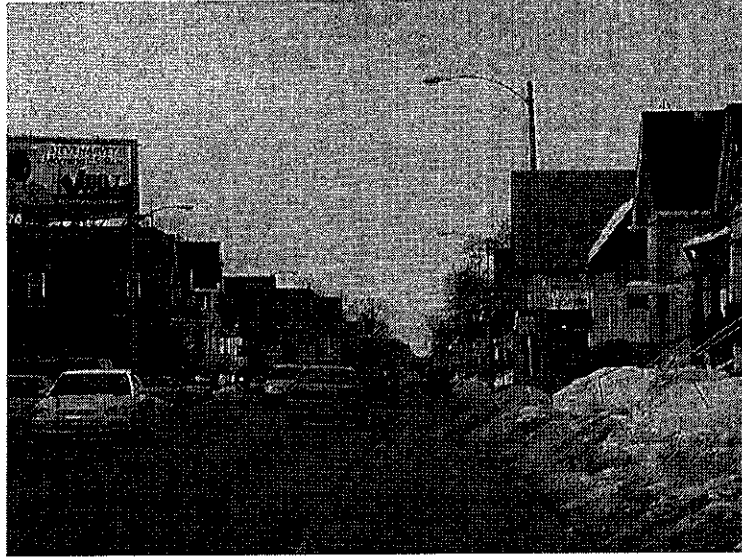
C.O. Concurrence	Approved _____ Disapproved _____
Approving Authority	Date

PROJECT LOCATION MAP

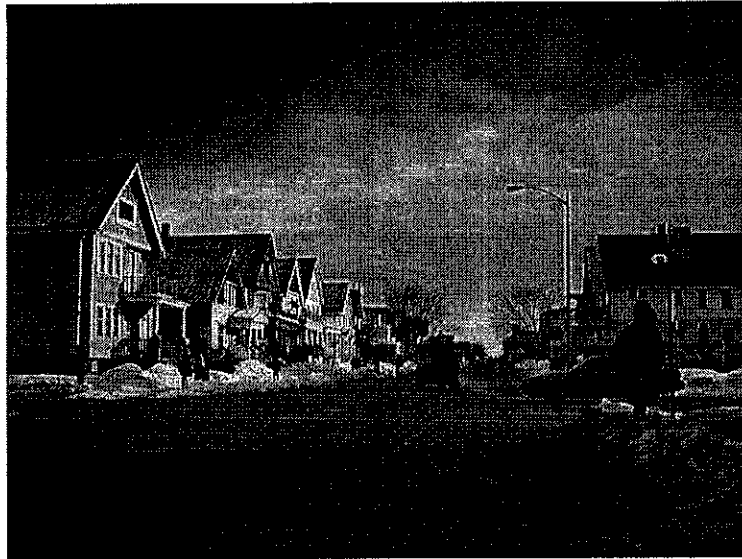


**INTERSECTION PICTURES
W. WRIGHT ST. AND N. 35TH ST.**

Facing North

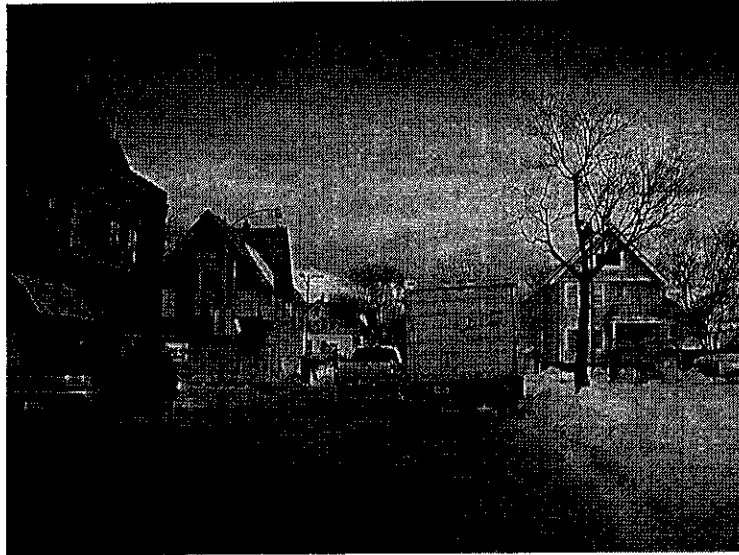


Facing South

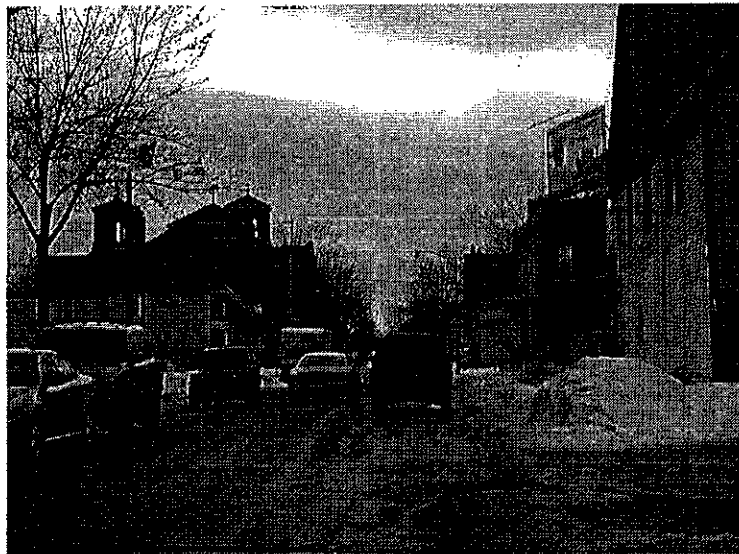


**INTERSECTION PICTURES
W. WRIGHT ST. AND N. 35TH ST.**

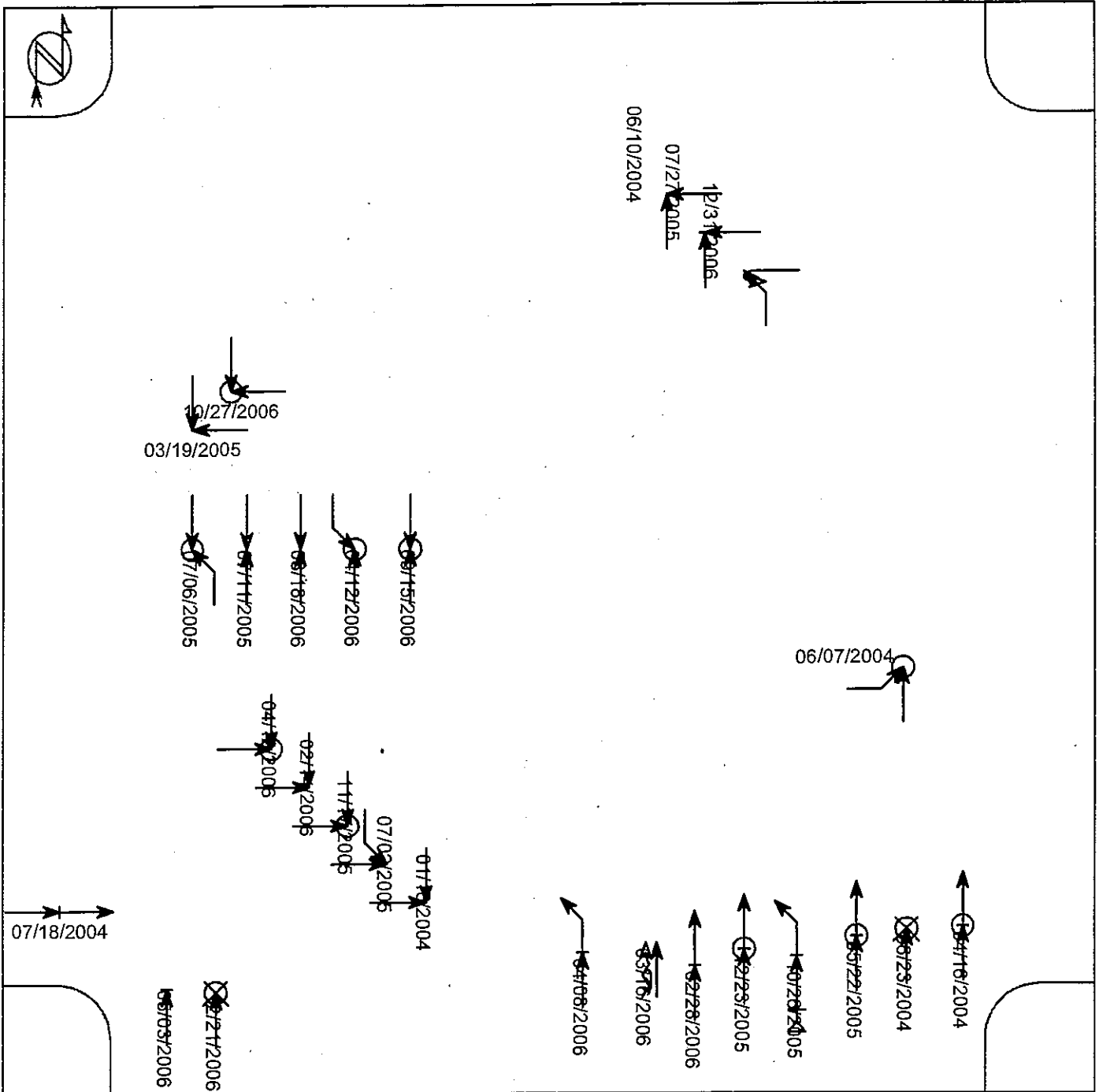
Facing East



Facing West



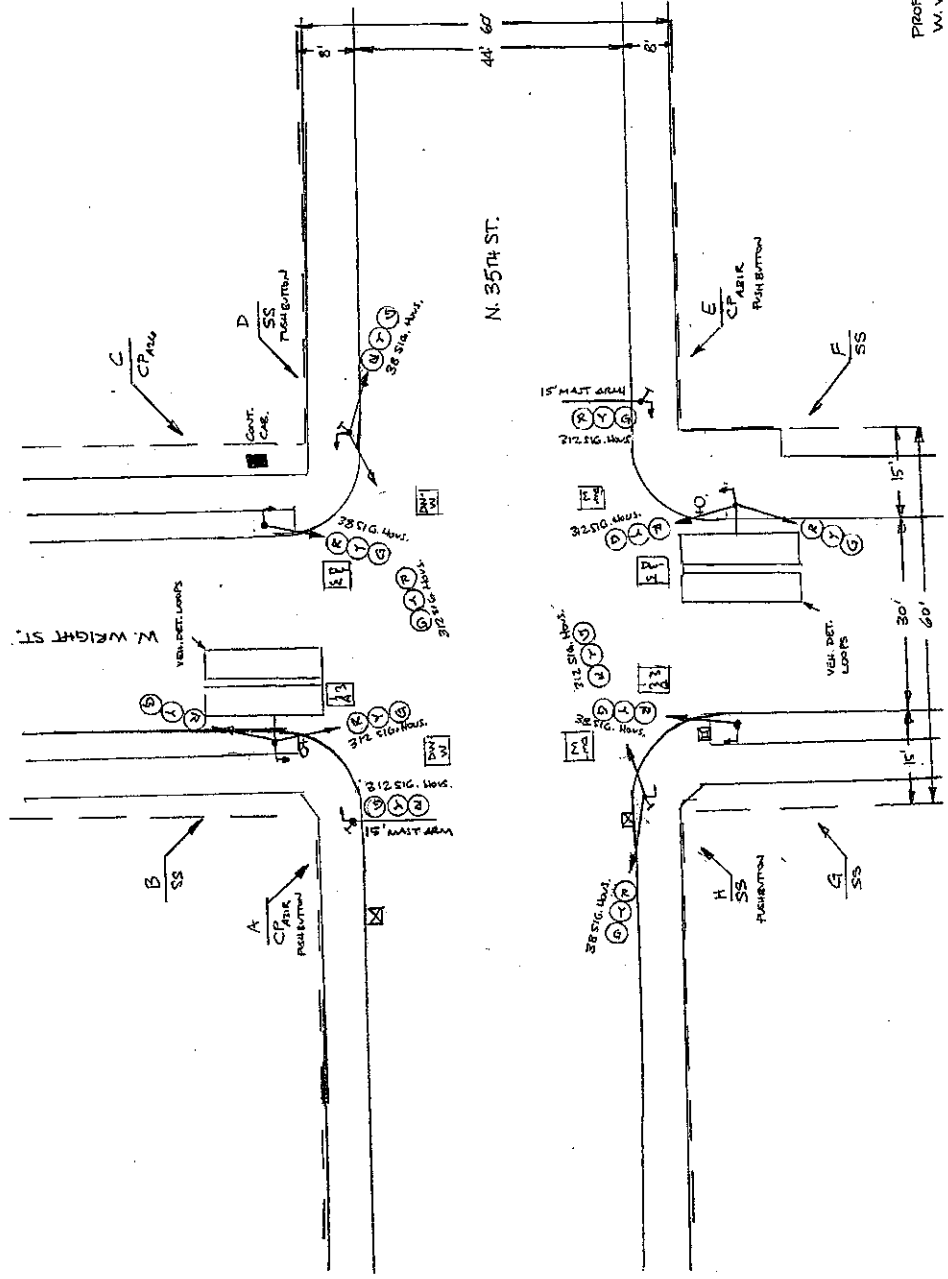
W. Wright St. & N. 35th St. 03511 & W9141 27 Accidents 01/01/04 - 12/31/06



Accidents with missing data (2)

Yellow arrows: fail to yield, Red arrows: Disregards
 Single Circle: Injuries, Double circle: Fatality

(clear filter)



PROPOSED SIGNAL INSTALLATION
W. WRIGHT ST. & N. 35TH ST.

2/28/06

WARRANT ANALYSIS

MAJOR ST: N. 35TH ST.
 MINOR ST: W. WRIGHT ST.

NO. OF LANES: 1
 NO. OF LANES: 1

- | | | | | | |
|-----|---------------------------------------|-------------------------|------------|-------------|------------|
| NO. | TITLE | | | | MET? |
| 1 | EIGHT-HOUR VEHICULAR VOLUME | | | | NO |
| | CONDITION A: | MAJOR: | <u>500</u> | MINOR: | <u>150</u> |
| | or CONDITION B: | MAJOR: | <u>750</u> | MINOR: | <u>75</u> |
| | or COMBINATION: | MAJOR: | <u>400</u> | MINOR: | <u>120</u> |
| | | and MAJOR: | <u>600</u> | MINOR: | <u>60</u> |
| 2 | FOUR HOUR VEHICULAR VOLUME | | | | YES |
| | FIGURE 4C-1 | | | | |
| 3 | PEAK HOUR | | | | NO |
| | FIGURE 4C-3 | | | | |
| 7 | CRASH EXPERIENCE | 80 % of CONDITION A: | <u>NO</u> | | YES |
| | | or 80 % of CONDITION B: | <u>YES</u> | | |
| | NO. OF CORRECTABLE REPORTABLE CRASHES | | <u>7</u> | (9/06-8/07) | |

TIME	MAJOR ST			MINOR ST		Warrant 1				Warr 2	Warr 3
	NB	SB	TOTAL	EB	WB	A	B	80% A	80% B		
MID	143	145	288	15	8						
1	104	96	200	10	7						
2	79	67	146	17	4						
3	50	40	90	9	3						
4	44	66	110	5	4						
5	101	116	217	8	8						
6	168	232	400	30	14						
7	238	389	627	70	19				X		
8	298	391	689	47	21						
9	348	399	747	49	37						
10	415	425	840	61	24				X		
11	443	448	891	66	28		X		X		
NOON	513	498	1011	57	24				X		
1	507	538	1045	56	36				X		
2	540	575	1115	70	40		X		X		
3	603	588	1191	95	46		X		X	X	
4	625	590	1215	74	46		X		X	X	
5	588	542	1130	86	49		X		X	X	
6	507	477	984	78	32		X		X	X	
7	410	399	809	58	28				X		
8	384	375	759	60	35				X		
9	364	329	693	41	22						
10	290	305	595	34	14						
11	220	239	459	25	12						
TOTAL	7982	8269	16251	1121	561						
COUNT #	53640	53640		55437	55436						
DATE	4/13/04	4/13/04		3/14/06	3/14/06						

BY: JCB
 DATE: 2/26/2008