

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. Burleigh St., W. Roosevelt Dr., and N. 60th 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>1.08</i>	Entering Vehicle Volume <i>35,833</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.

From 2004-2006 there were 39 crashes at the intersection, and there were 22 injuries. Of these, eastbound and westbound left-turn crashes accounted for 17 crashes resulting in 14 injuries and westbound right turns accounted for 6 crashes.

The existing eastbound approach to the intersection is currently striped as three lanes. There is a left turn only lane, an option left-through lane, and an option through-right lane. The current eastbound left turn movement has a protected and permitted phase because installing protected only operation would dramatically increase delay for eastbound vehicles because the center lane would have to be striped as a through only lane and the existing left turn lane would not be long enough to store the high volume of left turns onto both N. 60th St. and W. Roosevelt Dr. and it would not be possible to provide adequate green time for this movement in the existing 90 second cycle.

In addition, there is right turn bypass for westbound vehicles on W. Burleigh St. to go north on N. 60th St. This bypass crosses the northwest departure on W. Roosevelt Dr. from the intersection under stop control and there is a signal at the north intersection 100 feet northwest of the stop sign to cross the southwest approach on W. Roosevelt Dr.

Lastly, there are far right post-mounted 8" signal housings in all four directions at the south intersection which reduce visibility of signal indications and lead to rear-end and disregard crashes.

Proposed Improvement

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

Island modifications will be made to relocate the eastbound island to create dual 10' left turn lanes. Furthermore, the concrete pavement will be overlaid with asphalt from N. 60th St. to a point 130' to the west on W. Burleigh St. to prevent confusion between pavement markings and joint lines. This will allow the installation of protected only operation for eastbound left-turning traffic. Overhead signing and pavement markings will be installed on the eastbound approach to clarify left turn movements onto

W. Roosevelt Dr. and N. 60th St.

The westbound right turn bypass will be closed and the southwest approach on W. Roosevelt Dr. will be moved to the south intersection, and the signals will be removed from the north intersection. The westbound pavement markings will be altered to add a right turn lane which passes through the signal at the south intersection and stop bars will be installed in all five directions to reduce vehicle encroachment into the crosswalks. Stop-controlled right turn bypass lanes will be retained for southwest-bound vehicles on W. Roosevelt Dr. to turn right to go northbound on N. 60th St. and for westbound vehicles on W. Burleigh St. turning right to go northeast-bound W. Roosevelt Dr.

In addition, 12" signal housings will be installed on all far right signals and overhead mast arms will be installed on the northbound, eastbound, southbound, and southwest-bound approaches. Lastly, because of the length and angle of the proposed crosswalks, larger 12" combination "Walk/Don't Walk" LED housings will be installed with countdown timers to increase the visibility and understanding of the pedestrian indications.

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)	\$27,000				\$27,000
Real Estate *					\$0
Major Construction Items (include Construction Engineering and Contingencies) (-70)		\$125,000			\$125,000
Signals, Signs, and Street Lighting (-90)		\$64,000			\$64,000
Forestry (-97)		\$54,000			\$54,000
** TOTAL	\$27,000	\$243,000			\$270,000

* 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.

C. PMSID	D. Functional Class	E. PEF

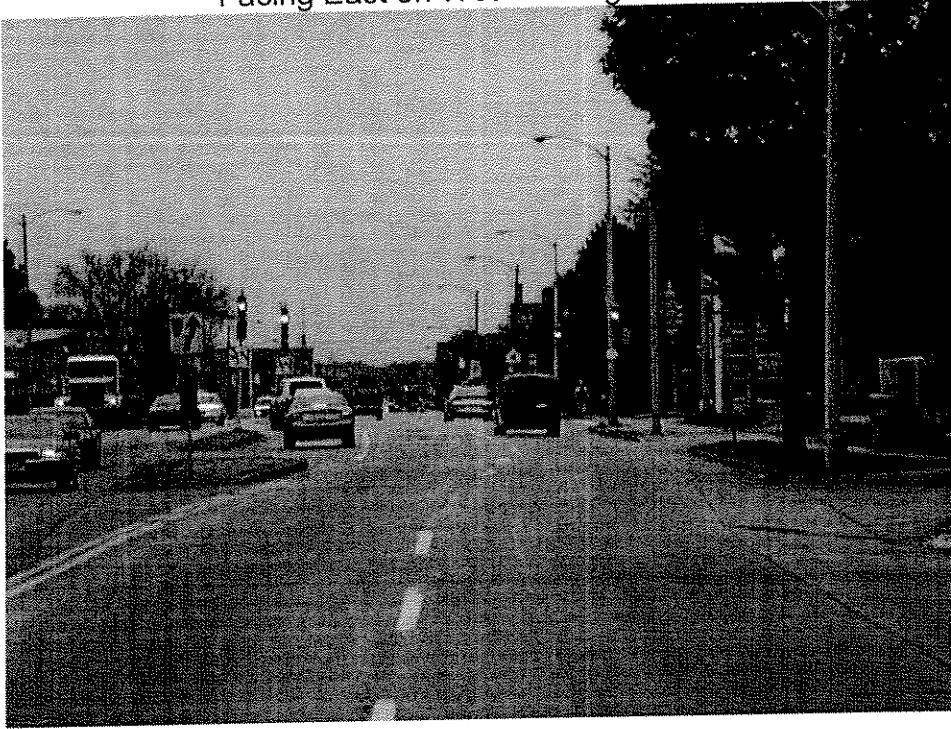
REGION APPROVAL Project Supervisor	Date
Planning Supervisor	Date

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

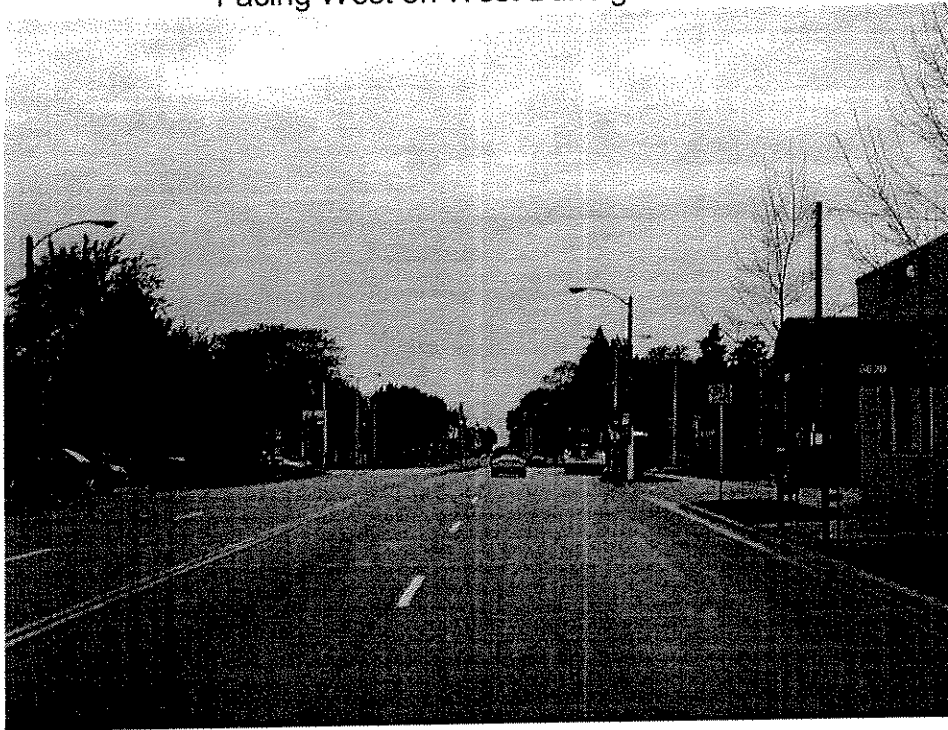
REVISED 12/12/06

**INTERSECTION PICTURES
W. BURLEIGH ST., W. ROOSEVELT DR., AND N. 60TH ST.**

Facing East on West Burleigh Street

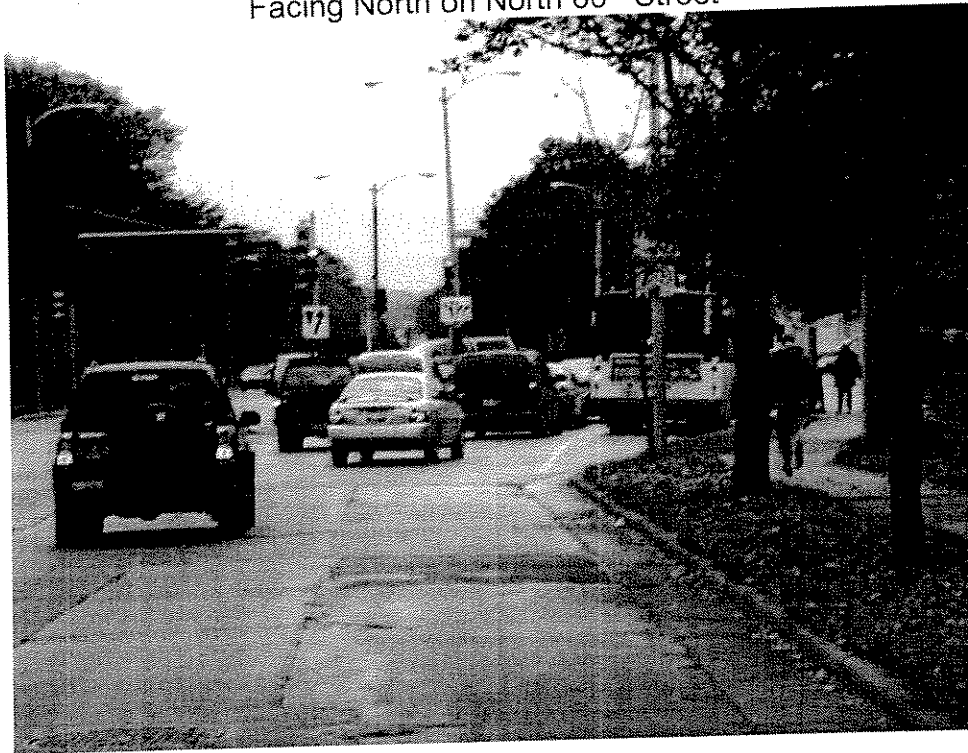


Facing West on West Burleigh Street

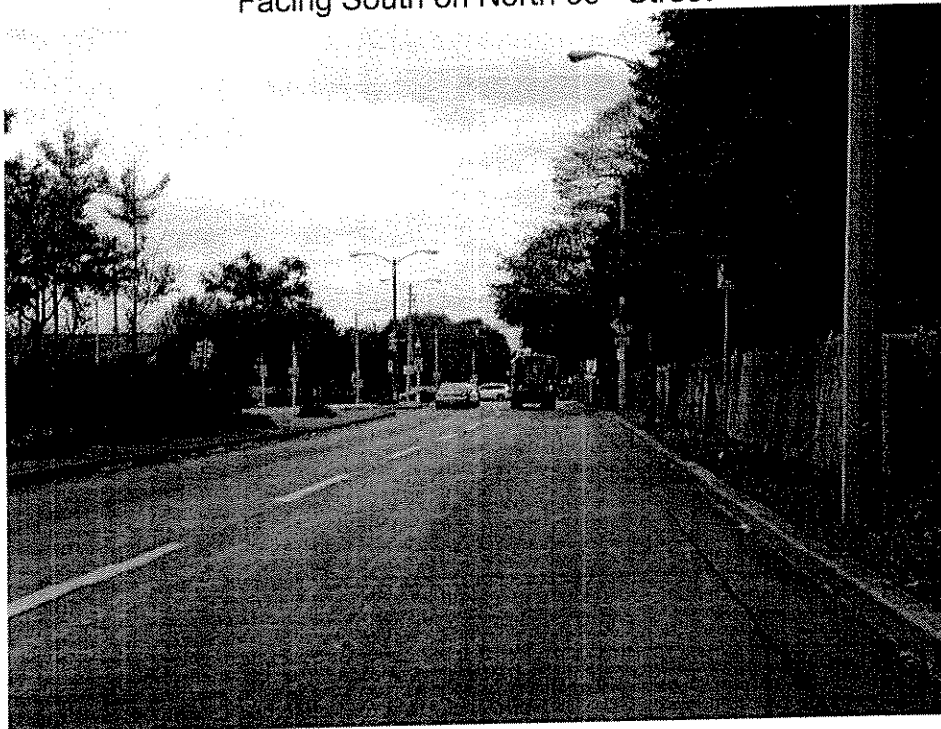


**INTERSECTION PICTURES
W. BURLEIGH ST., W. ROOSEVELT DR., AND N. 60TH ST.**

Facing North on North 60th Street

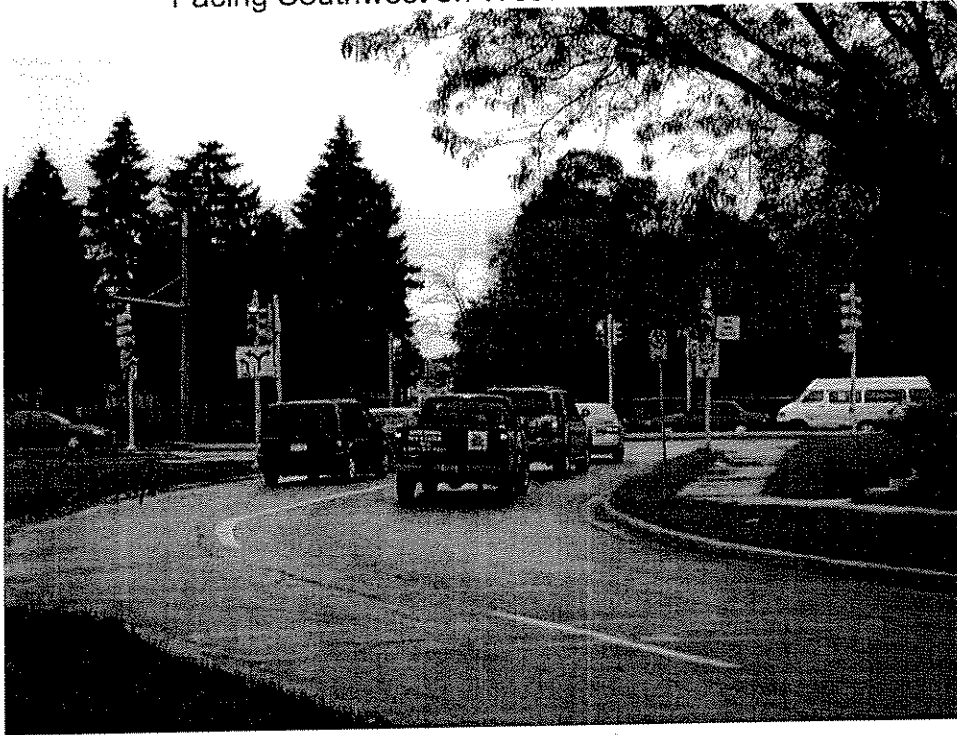


Facing South on North 60th Street

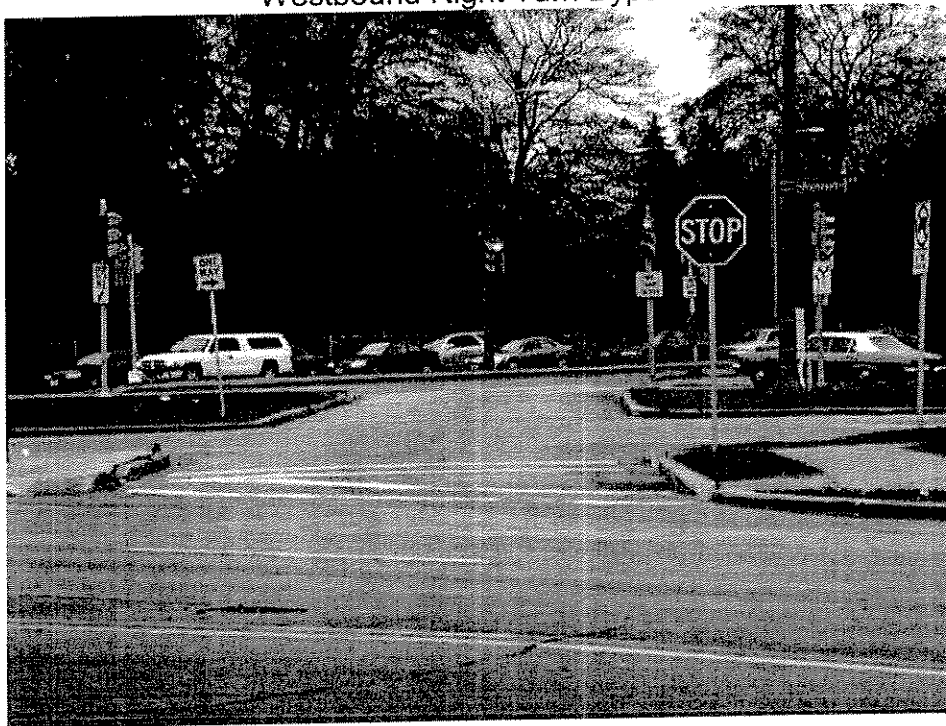


**INTERSECTION PICTURES
W. BURLEIGH ST., W. ROOSEVELT DR., AND N. 60TH ST.**

Facing Southwest on West Roosevelt Drive



Westbound Right Turn Bypass



PROJECT LOCATION MAP

