

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>S. Howell Av. and W. Layton Av.</i>		HWY NO. <i>STH 38</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>0.78</i>	Entering Vehicle Volume <i>58,700</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.

There were 46 crashes at the intersection from 2004-2006 resulting in 23 injuries. There were 27 rear-end crashes (59%), 11 crashes involving left-turning vehicles (24%), and 8 disregard of red crashes (17%).

The existing signal does not have overhead mast-arm mounted signals in any direction, and the existing signals are all 12" incandescent lenses. The existing geometry provides poor offsets for left-turning vehicles, and the existing northbound left turn and right turn lanes provide inadequate capacity causing queuing-related rear-end and sideswipe crashes.

Proposed Improvement

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

To increase visibility of the signal indications, far-right overhead mast-arm mounted signals will be installed in all four directions and reflective backplates will be installed on all far side signals. In addition, the left-turn lanes in the eastbound and southbound directions will be offset to increase visibility of opposing through traffic and to reduce congestion related rear-end and sideswipe crashes, the northbound left turn and right turn lanes will be expanded to two lanes each, and the northbound right turn will be signalized. Lastly, to improve pedestrian safety at the intersection, stop bars will be installed in all four directions and larger 12" combination "Walk/Don't Walk" housings with pedestrian countdown timers will be installed.

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)		\$30,000			
Major Construction Items (Include Construction Engineering and Contingencies) (-70)		\$180,000			

Construction Inspection (-71)		\$5,000			
Signals, Signs, and Street Lighting (-90)		\$63,000			
Forestry (-97)		\$27,000			
** TOTAL		\$305,000			

* 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

Jeffrey S. Polenske, P.E.

TITLE

City Engineer

ADDRESS

841 N. Broadway, Room 701

TELEPHONE

(414) 286-2400

MUNICIPALITY

City of Milwaukee

STATE

WI

ZIP

53202

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

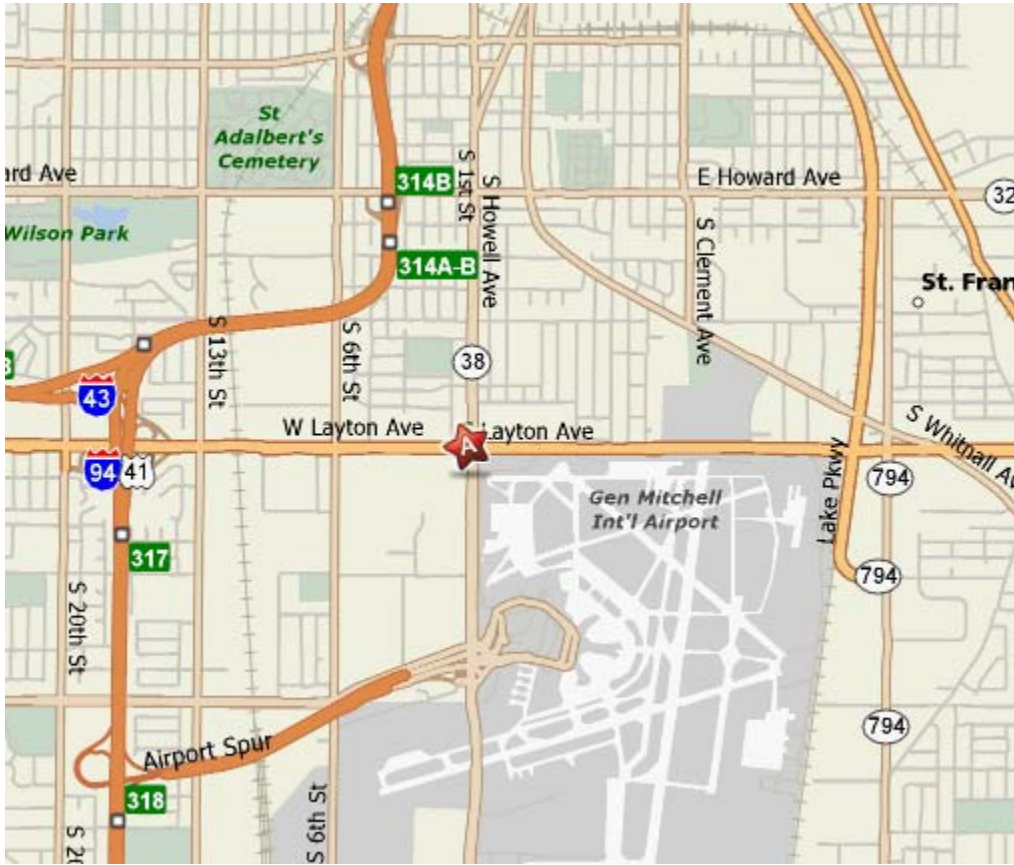
Approved _____ Disapproved _____

Approving Authority

Date

REVISED 12/12/06

PROJECT LOCATION MAP



INTERSECTION PICTURES SOUTH HOWELL AVENUE AND EAST/WEST LAYTON AVENUE

Facing East



Facing West



Facing North



Facing South

