



WIS 32 and WIS 165 intersection

Village of Pleasant Prairie, Kenosha County

Project ID 3240-11-00(70)

PUBLIC INVOLVEMENT MEETING Tuesday, September 22, 2015 (5p.m. to 7p.m.)

The Wisconsin Department of Transportation (WisDOT) has scheduled a public involvement meeting to present and discuss the proposed improvement alternatives for the WIS 32 and WIS 165 intersection, in Kenosha County.

Purpose and Need:

The existing two-way stop control at the intersection of WIS 32 and WIS 165 does not sufficiently handle the traffic flow resulting in long delays for the motoring public.

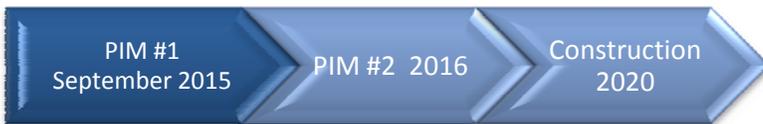
Proposed Improvements:

Intersection types to be considered

- Signal Alternative Improvements
- Roundabout Alternative

Factors reviewed with each alternative included real estate impacts, the environment, access, drainage and costs.

Proposed Schedule:



Contact Information

WisDOT Southeast Region
 141 N.W. Barstow Street
 P.O. Box 798
 Waukesha, WI 53187-0798
 Website: www.wisconsindot.gov

Mission statement:

To provide leadership in the development and operation of a safe and efficient transportation system.

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No Build Alternative



Roundabout Alternative



Signalized Alternative



WIS 32 and WIS 165 Intersection (Pleasant Prairie, Kenosha County)



TWO WAY STOP

- Level of Service* **(AM=A)(PM=F) (2012)**
- Left turning delay = **110 seconds**
- 8.4 degree deflection, 20' offset
- Right angle crash trend
- No crash reduction
- Meets Signal Warrants (4hr and peak)

POTENTIAL IMPACTS

- Delay will continue to Increase
- WIS 165 backups will increase



ROUNDBOUT

- Level of Service* **(AM=B)(PM=C) (2039)**
- Left turning delay = **22 seconds**
- Crash reduction = 38%**
- Access Conflicts with NE corner
- High turning volumes = Multilane Required
- Off Road bike lanes included

POTENTIAL IMPACTS

- Section 4(f) /Parkland Impact
- Right of Way Impact **>2 acres**
- **\$2.5-\$3 million**



SIGNALIZED (104TH ST ALIGNED)

- Level of Service* **(AM=A)(PM=B) (2039)**
- Left turning delay = **21 seconds**
- Crash reduction = 29%**

POTENTIAL IMPACTS

- Right of Way Impact **>0.5 acres**
- **\$1-\$2 million**

*Level of Service: A < 10 sec | B = 10-20 sec | C = 20-35 sec | D = 35-55 sec | E = 55-80 sec | F > 80 sec

**Per FHWA Desktop Crash Reduction Factors