



**Division of Transportation Systems Development**  
 Southwest Region  
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October 27, 2009

Dale Beske  
 4177 Old Stage Road  
 Brooklyn, WI 53521

Dear Dale,

As you are aware, the DOT has been investigating various US 51 intersections in and around Stoughton for possible improvement projects. When selecting an area for an improvement project, we generally base our decision to program that project on three main factors: intersection safety, pavement condition, and traffic operations. We look at these factors as they relate to a potential project and then weigh them against other potential projects region-wide in an attempt to most effectively use the money that has been allocated for improvements.

We have analyzed the crash rates at various intersections along US 51 in and around the Stoughton area. The table below summarizes the results from those investigations. We had hoped to be able to apply for safety funding in order to get a project or projects programmed in a shorter timeframe, however none of the intersections met the requirements. We do plan to continue to monitor the safety of these intersections.

<b>Safety</b>				
Roadway	Crashes (2005 - 2008)			Rate (MEV)* (2005 - 2008)
	Total	Injury	Fatal	
CTH B-AB	14	-	-	0.58
CTH B (east)	24	7	-	1.09
Townline Road	4	1	-	0.28
Roby Road	14	6	-	0.80
STH 138	24	11	-	0.89

\*Typically an improvement flag should be raised when the crash rate exceeds 1.5 crashes per MEV.

We have also investigated the traffic operations for the intersections. A summary of those results is shown in the table below.

<b>Traffic Operations LOS (AM/PM)</b>		
Roadway	2003 Operations*	2030 Operations*
CTH B-AB	A/A	F/F
CTH B (east)	B/A	F/F
Townline Road	B/C	C/C
Roby Road	A/B	F/F
STH 138	A/F	F/F

\*LOS shown for the worst leg of the intersection

Level of Service (LOS) is used to provide an indication of the ability of the roadway to satisfy both existing and future travel demand. LOS is a quantitative measure of the quality of service of a transportation facility. The LOS measure is broken down into six letter grades, "A" through "F" with "A" being the best and "F" being the worst.

While our modeling shows that traffic operations for the intersections will deteriorate, right now they are operating at acceptable levels, with the exception of STH 138 in the PM peak.

In addition, I have spoken with our programming and maintenance sections and the pavement along US 51 in the Stoughton area is generally in good shape and does not warrant an improvement project at this time.

Based on the above factors, and how the potential projects rank against other projects region-wide, we are not able to program an improvement project for the intersections around Stoughton at this time. There are several areas of greater need within our region. We will continue to monitor the safety and operational performance of the intersections as well as the pavement condition in order to program a future project. Please let me know if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeff Berens". The signature is fluid and cursive, written in a professional style.

Jeff Berens  
US 51 Project Manager  
(608) 245-2656