

<b>IH 90: USH 53 TO STH 16 (LA CROSSE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: USH 53 - STH 157 - STH 35</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**FRIDAY WESTBOUND DIRECTION**

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH								
	MAIN ROUTE		ALTERNATE ROUTE		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	306	0.0	97	0.0	1500	306	0	97	0.45	0	65.8	49.4	44.3	38.2	38.2
1-2 AM	220	0.0	70	0.0	1500	220	0	70	0.44	0	66.0	49.7	44.6	38.6	38.6
2-3 AM	221	0.0	70	0.0	1500	221	0	70	0.44	0	66.0	49.7	44.6	38.6	38.6
3-4 AM	219	0.0	69	0.0	1500	219	0	69	0.44	0	66.0	49.7	44.6	38.6	38.6
4-5 AM	279	0.0	88	0.0	1500	279	0	88	0.45	0	65.9	49.6	44.3	38.3	38.3
5-6 AM	425	0.0	135	0.0	1500	425	0	135	0.46	0	65.6	49.0	43.8	37.6	37.6
6-7 AM	610	0.0	194	0.0	1500	610	0	194	0.48	0	65.3	48.3	43.1	36.6	36.6
7-8 AM	916	0.0	291	0.0	1500	916	0	291	0.51	0	64.7	47.3	42.0	35.0	35.0
8-9 AM	1134	0.0	360	0.0	1500	1134	0	360	0.55	0	64.3	46.1	40.7	33.9	33.9
9-10 AM	1256	0.0	399	0.0	1500	1256	0	399	0.71	0	64.0	42.5	36.8	33.3	33.3
10-11 AM	1401	0.0	445	0.0	1499	1401	0	445	0.90	0	63.8	39.0	33.0	32.5	32.5
11A-NOON	1516	0.0	481	0.0	1499	1516	0	481	1.17	4	63.6	34.8	30.8	32.0	32.0
NOON-1PM	1543	0.0	490	0.0	1499	1543	0	490	2.20	32	63.5	24.8	30.8	31.9	31.9
1-2 PM	1688	0.0	537	0.0	1500	1571	118	654	5.02	109	63.2	14.7	30.8	31.1	29.5
2-3 PM	2040	0.0	648	0.0	1500	1574	467	1115	7.54	177	62.6	11.7	30.8	29.2	22.7
3-4 PM	2111	0.0	671	0.0	1499	1510	602	1272	8.73	208	62.5	10.8	30.8	28.9	20.5
4-5 PM	2129	0.0	676	0.0	1500	1496	633	1309	9.06	217	62.4	10.6	30.8	28.8	20.0
5-6 PM	1904	0.0	605	0.0	1499	1437	468	1073	7.26	169	62.8	11.9	30.8	30.0	23.3
6-7 PM	1715	0.0	545	0.0	1500	1466	249	793	5.77	128	63.2	13.5	30.8	30.9	27.4
7-8 PM	1385	0.0	439	0.0	1499	1376	9	448	3.05	67	63.8	20.4	32.3	32.7	32.6
8-9 PM	1051	0.0	334	0.0	1500	1051	0	334	0.52	0	64.4	46.8	41.5	34.3	34.3
9-10 PM	824	0.0	262	0.0	1500	824	0	262	0.50	0	64.8	47.6	42.3	35.5	35.5
10-11 PM	683	0.0	217	0.0	1500	683	0	217	0.49	0	65.1	48.1	42.8	36.3	36.3
11PM-MID	380	0.0	121	0.0	1500	380	0	121	0.46	0	65.7	49.2	44.0	37.8	37.8

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0062
MAIN ROUTE WITH WORKS	0.0040
DIVERSION	0.0402

PIA: Personal Injury Accidents

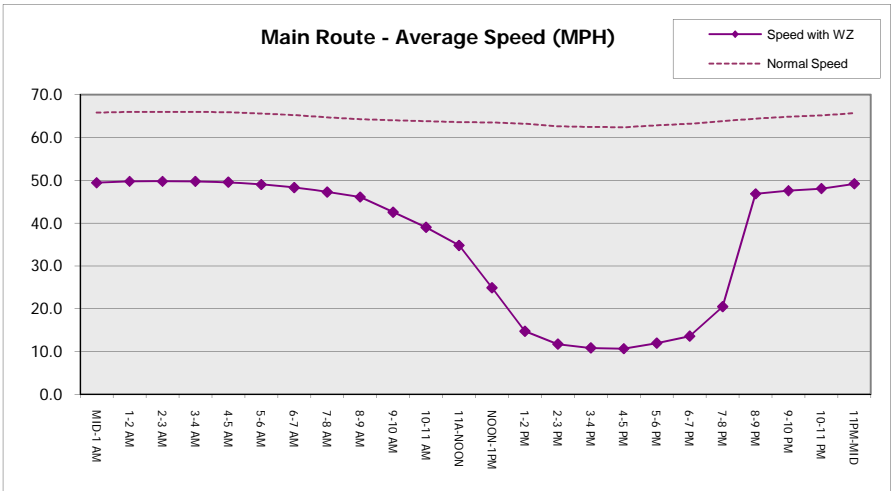
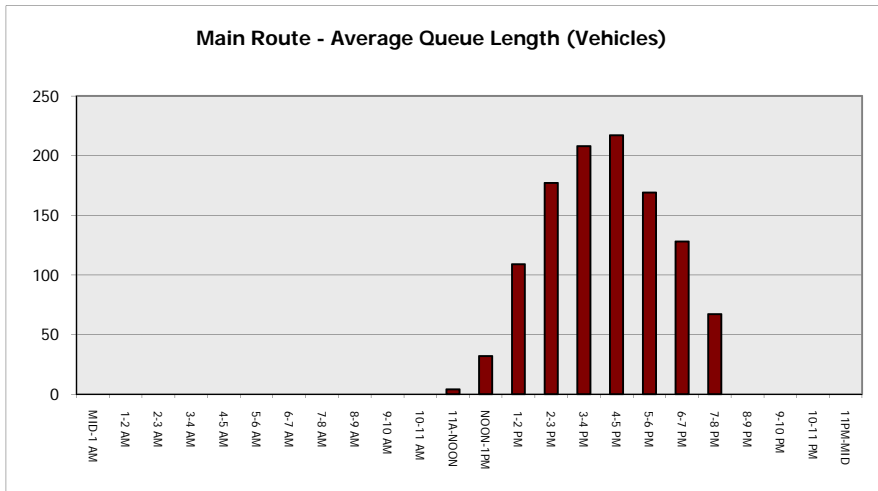
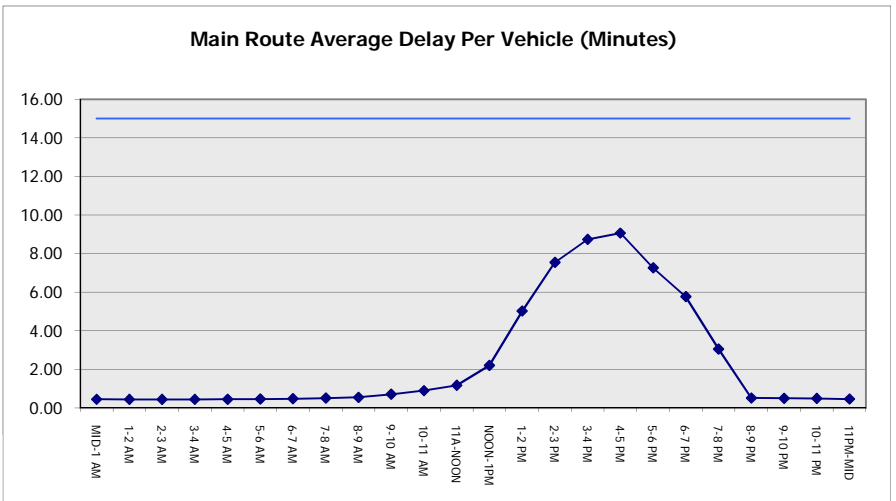
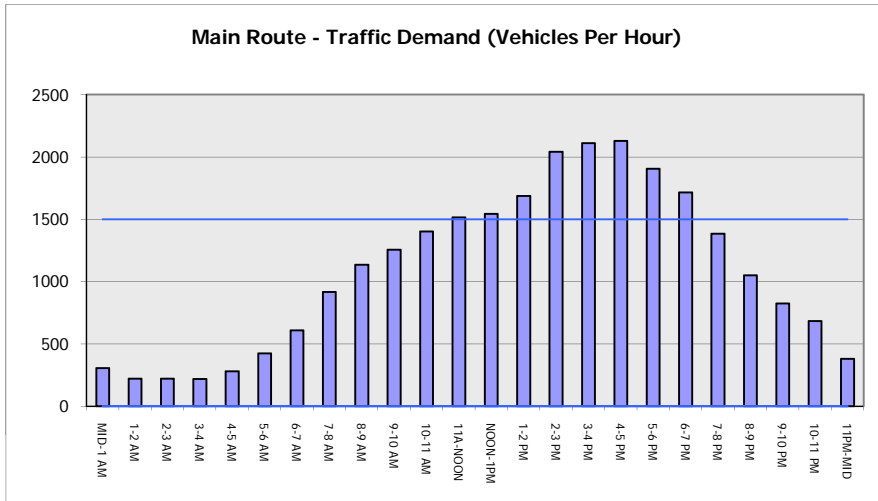
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$26,282
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 90: USH 53 TO STH 16 (LA CROSSE COUNTY)  
 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: USH 53 - STH 157 - STH 35**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY WESTBOUND DIRECTION**



<b>IH 90: USH 53 TO STH 16 (LA CROSSE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: USH 53 - STH 157 - STH 35</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR								AVERAGE SPEEDS IN MPH						
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	ALTERNATE ROUTE	
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN		WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	227	0.0	72	0.0	1500	227	0	72	0.44	0	66.0	49.7	44.6	38.6	38.6
1-2 AM	192	0.0	61	0.0	1500	192	0	61	0.44	0	66.0	49.9	44.7	38.8	38.8
2-3 AM	217	0.0	69	0.0	1500	217	0	69	0.44	0	66.0	49.7	44.6	38.6	38.6
3-4 AM	246	0.0	78	0.0	1500	246	0	78	0.45	0	66.0	49.7	44.5	38.5	38.5
4-5 AM	305	0.0	96	0.0	1500	305	0	96	0.45	0	65.8	49.4	44.3	38.2	38.2
5-6 AM	407	0.0	129	0.0	1500	407	0	129	0.46	0	65.6	49.1	43.8	37.6	37.6
6-7 AM	782	0.0	249	0.0	1500	782	0	249	0.50	0	65.0	47.8	42.5	35.7	35.7
7-8 AM	988	0.0	314	0.0	1500	988	0	314	0.52	0	64.5	47.0	41.7	34.7	34.7
8-9 AM	1063	0.0	338	0.0	1500	1063	0	338	0.53	0	64.4	46.8	41.5	34.3	34.3
9-10 AM	1204	0.0	383	0.0	1500	1204	0	383	0.64	0	64.1	44.0	38.3	33.6	33.6
10-11 AM	1428	0.0	454	0.0	1499	1428	0	454	0.93	0	63.7	38.4	32.4	32.4	32.4
11A-NOON	1569	0.0	498	0.0	1499	1569	0	498	1.88	26	63.5	27.3	30.8	31.7	31.7
NOON-1PM	1683	0.0	535	0.0	1500	1559	124	659	5.16	113	63.3	14.4	30.8	31.1	29.4
1-2 PM	1991	0.0	632	0.0	1500	1566	425	1057	7.16	166	62.7	12.0	30.8	29.6	23.6
2-3 PM	2185	0.0	694	0.0	1500	1551	634	1328	9.25	223	62.3	10.5	30.8	28.6	19.7
3-4 PM	2237	0.0	710	0.0	1499	1513	724	1434	10.37	253	62.2	9.9	30.8	28.3	18.2
4-5 PM	2218	0.0	704	0.0	1500	1483	735	1439	10.43	254	62.2	9.9	30.8	28.4	18.1
5-6 PM	1993	0.0	633	0.0	1499	1419	573	1206	8.22	195	62.7	11.2	30.8	29.5	21.4
6-7 PM	1641	0.0	522	0.0	1500	1436	205	727	5.50	122	63.3	13.9	30.9	31.3	28.4
7-8 PM	1161	0.0	368	0.0	1500	1161	0	368	1.06	19	64.2	36.5	38.1	33.8	33.8
8-9 PM	795	0.0	253	0.0	1500	795	0	253	0.50	0	64.9	47.7	42.4	35.6	35.6
9-10 PM	710	0.0	225	0.0	1500	710	0	225	0.49	0	65.1	48.0	42.7	36.1	36.1
10-11 PM	495	0.0	157	0.0	1500	495	0	157	0.47	0	65.5	48.7	43.5	37.2	37.2
11PM-MID	330	0.0	105	0.0	1500	330	0	105	0.45	0	65.8	49.4	44.2	38.1	38.1

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0062
MAIN ROUTE WITH WORKS	0.0039
DIVERSION	0.0436

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$32,573
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 90: USH 53 TO STH 16 (LA CROSSE COUNTY)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: USH 53 - STH 157 - STH 35**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY EASTBOUND DIRECTION**

