

<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>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SUNDAY 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	256	0.0	81	0.0	1500	256	0	81	0.45	0	65.9	49.6	44.5	38.4	38.4
1-2 AM	171	0.0	55	0.0	1500	171	0	55	0.44	0	66.1	49.9	44.8	38.9	38.9
2-3 AM	135	0.0	43	0.0	1500	135	0	43	0.44	0	66.1	50.1	45.0	39.1	39.1
3-4 AM	120	0.0	38	0.0	1500	120	0	38	0.43	0	66.1	50.1	45.0	39.1	39.1
4-5 AM	109	0.0	34	0.0	1500	109	0	34	0.43	0	66.2	50.2	45.1	39.2	39.2
5-6 AM	124	0.0	40	0.0	1500	124	0	40	0.43	0	66.1	50.1	45.0	39.1	39.1
6-7 AM	162	0.0	52	0.0	1500	162	0	52	0.44	0	66.1	50.0	44.8	38.9	38.9
7-8 AM	365	0.0	116	0.0	1500	365	0	116	0.46	0	65.7	49.2	44.0	37.9	37.9
8-9 AM	549	0.0	174	0.0	1500	549	0	174	0.48	0	65.4	48.6	43.3	36.9	36.9
9-10 AM	862	0.0	274	0.0	1500	862	0	274	0.51	0	64.8	47.4	42.2	35.3	35.3
10-11 AM	1342	0.0	426	0.0	1499	1342	0	426	0.81	0	63.9	40.6	34.7	32.9	32.9
11A-NOON	1802	0.0	572	0.0	1499	1654	148	720	4.39	99	63.0	16.2	30.8	30.5	28.4
NOON-1PM	1872	0.0	595	0.0	1499	1503	369	963	6.60	150	62.9	12.5	30.8	30.1	25.0
1-2 PM	1998	0.0	634	0.0	1500	1529	468	1102	7.44	173	62.7	11.8	30.8	29.5	22.9
2-3 PM	2102	0.0	668	0.0	1500	1528	574	1242	8.48	201	62.5	11.0	30.8	28.9	20.9
3-4 PM	2180	0.0	693	0.0	1500	1522	658	1351	9.47	228	62.3	10.4	30.8	28.6	19.4
4-5 PM	2153	0.0	684	0.0	1499	1480	673	1357	9.53	230	62.3	10.4	30.8	28.7	19.3
5-6 PM	1925	0.0	611	0.0	1499	1432	493	1103	7.46	175	62.8	11.8	30.8	29.9	22.9
6-7 PM	1676	0.0	533	0.0	1500	1459	217	750	5.59	123	63.3	13.8	30.8	31.2	28.1
7-8 PM	1416	0.0	449	0.0	1500	1406	10	459	3.62	75	63.8	18.1	31.5	32.5	32.4
8-9 PM	1078	0.0	342	0.0	1500	1077	0	342	0.55	0	64.4	46.1	40.9	34.2	34.2
9-10 PM	869	0.0	276	0.0	1500	869	0	276	0.51	0	64.8	47.4	42.2	35.3	35.3
10-11 PM	570	0.0	182	0.0	1500	570	0	182	0.48	0	65.3	48.5	43.2	36.8	36.8
11PM-MID	352	0.0	112	0.0	1500	352	0	112	0.46	0	65.7	49.2	44.1	37.9	37.9

*----- 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	0.0058
MAIN ROUTE WITH WORKS	0.0035
DIVERSION	0.0421

PIA: Personal Injury Accidents

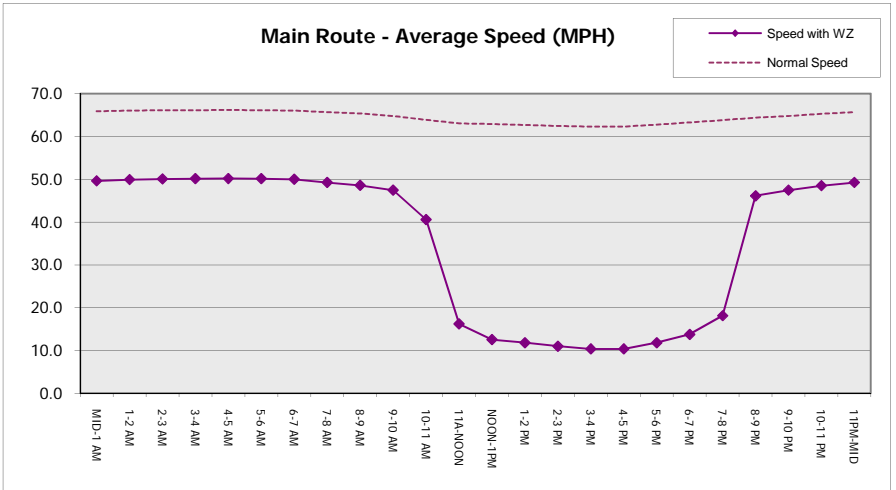
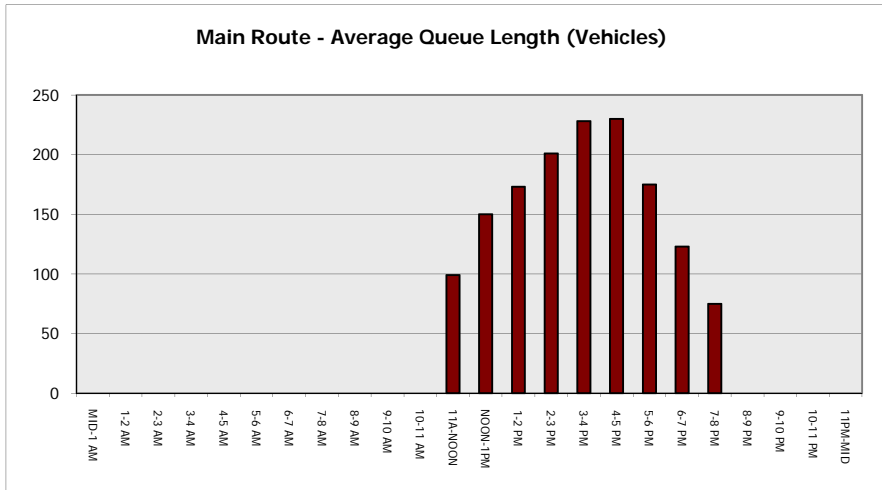
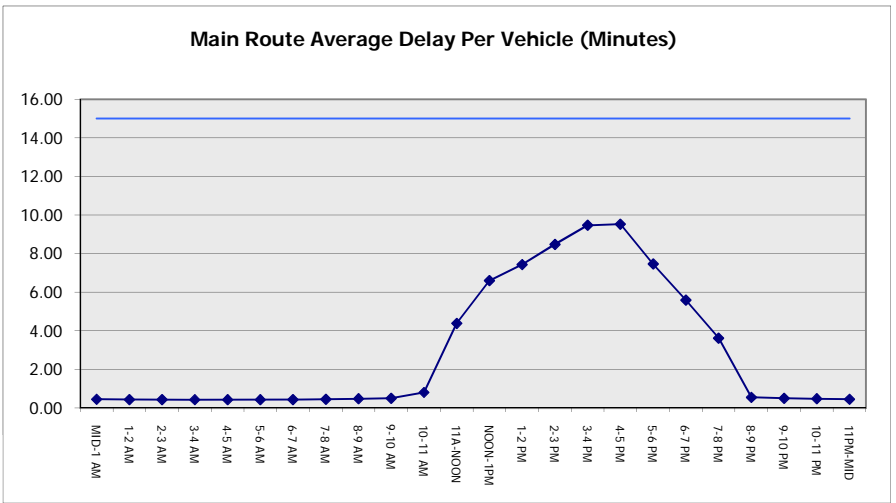
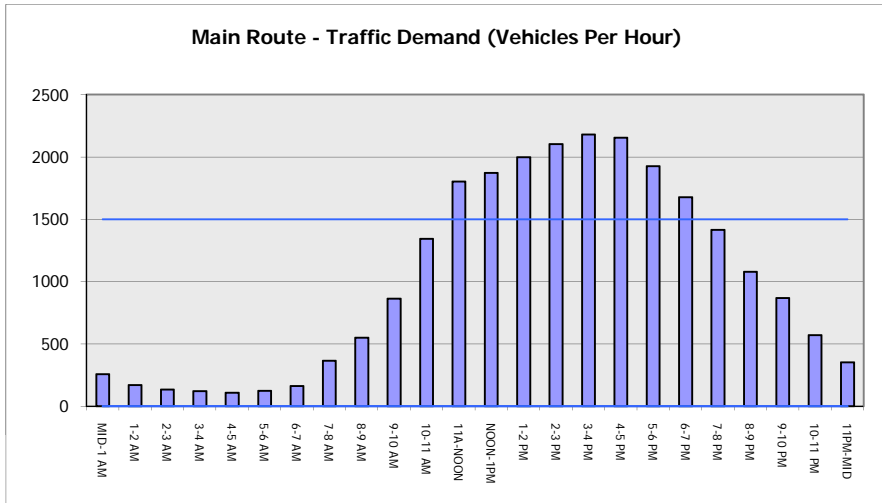
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$40,780
CONGESTED HOURS PER DAY*	0

\*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**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY 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>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	194	0.0	62	0.0	1500	194	0	62	0.44	0	66.0	49.9	44.7	38.8	38.8
1-2 AM	152	0.0	49	0.0	1500	152	0	49	0.44	0	66.1	50.0	44.9	38.9	38.9
2-3 AM	119	0.0	38	0.0	1500	119	0	38	0.43	0	66.1	50.1	45.0	39.1	39.1
3-4 AM	149	0.0	48	0.0	1500	149	0	48	0.44	0	66.1	50.0	44.9	39.0	39.0
4-5 AM	153	0.0	49	0.0	1500	153	0	49	0.44	0	66.1	50.0	44.9	38.9	38.9
5-6 AM	183	0.0	58	0.0	1500	183	0	58	0.44	0	66.1	49.9	44.8	38.8	38.8
6-7 AM	270	0.0	85	0.0	1500	270	0	85	0.45	0	65.9	49.6	44.4	38.4	38.4
7-8 AM	461	0.0	146	0.0	1500	461	0	146	0.47	0	65.5	48.9	43.7	37.4	37.4
8-9 AM	769	0.0	244	0.0	1500	769	0	244	0.50	0	65.0	47.8	42.5	35.8	35.8
9-10 AM	1190	0.0	377	0.0	1499	1190	0	377	0.64	0	64.1	44.1	38.5	33.7	33.7
10-11 AM	1619	0.0	514	0.0	1499	1619	0	514	2.10	37	63.3	25.5	30.8	31.4	31.4
11A-NOON	1885	0.0	599	0.0	1499	1545	340	938	6.47	147	62.8	12.7	30.8	30.1	25.3
NOON-1PM	1997	0.0	634	0.0	1499	1522	475	1109	7.48	175	62.7	11.7	30.8	29.5	22.9
1-2 PM	2128	0.0	676	0.0	1500	1534	594	1269	8.71	208	62.4	10.9	30.8	28.8	20.6
2-3 PM	2124	0.0	675	0.0	1499	1492	632	1306	9.04	217	62.4	10.6	30.8	28.9	20.0
3-4 PM	2045	0.0	649	0.0	1499	1474	572	1221	8.31	197	62.6	11.1	30.8	29.2	21.2
4-5 PM	1956	0.0	621	0.0	1500	1473	483	1104	7.46	174	62.7	11.7	30.8	29.7	22.9
5-6 PM	1704	0.0	541	0.0	1499	1453	250	791	5.77	128	63.2	13.5	30.8	31.0	27.5
6-7 PM	1487	0.0	473	0.0	1500	1445	42	515	4.39	91	63.6	15.8	30.8	32.1	31.5
7-8 PM	1132	0.0	359	0.0	1500	1132	0	359	0.72	5	64.3	42.5	39.6	34.0	34.0
8-9 PM	919	0.0	292	0.0	1500	919	0	292	0.51	0	64.6	47.3	42.0	35.0	35.0
9-10 PM	668	0.0	212	0.0	1500	668	0	212	0.49	0	65.1	48.1	42.8	36.3	36.3
10-11 PM	402	0.0	128	0.0	1500	402	0	128	0.46	0	65.6	49.1	43.9	37.7	37.7
11PM-MID	335	0.0	107	0.0	1500	335	0	107	0.45	0	65.8	49.3	44.2	38.0	38.0

*----- 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	0.0057
MAIN ROUTE WITH WORKS	0.0036
DIVERSION	0.0411

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$38,590
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**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SUNDAY EASTBOUND DIRECTION**

