

<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**

**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	318	0.0	101	0.0	1500	318	0	101	0.45	0	65.8	49.4	44.2	38.1	38.1
1-2 AM	240	0.0	76	0.0	1500	240	0	76	0.45	0	66.0	49.7	44.5	38.5	38.5
2-3 AM	239	0.0	76	0.0	1500	239	0	76	0.45	0	66.0	49.7	44.5	38.5	38.5
3-4 AM	229	0.0	73	0.0	1500	229	0	73	0.44	0	66.0	49.7	44.6	38.6	38.6
4-5 AM	298	0.0	94	0.0	1500	298	0	94	0.45	0	65.8	49.4	44.3	38.2	38.2
5-6 AM	441	0.0	140	0.0	1500	441	0	140	0.47	0	65.6	48.9	43.7	37.5	37.5
6-7 AM	621	0.0	197	0.0	1500	621	0	197	0.48	0	65.2	48.3	43.0	36.6	36.6
7-8 AM	903	0.0	287	0.0	1500	903	0	287	0.51	0	64.7	47.3	42.0	35.1	35.1
8-9 AM	1115	0.0	354	0.0	1500	1115	0	354	0.53	0	64.3	46.6	41.3	34.0	34.0
9-10 AM	1421	0.0	451	0.0	1499	1421	0	451	0.92	0	63.7	38.6	32.5	32.5	32.5
10-11 AM	1613	0.0	512	0.0	1499	1613	0	512	2.49	46	63.4	23.0	30.8	31.5	31.5
11A-NOON	1732	0.0	550	0.0	1499	1518	214	764	5.64	124	63.2	13.7	30.8	30.9	27.9
NOON-1PM	1811	0.0	575	0.0	1500	1513	298	873	6.14	138	63.0	13.1	30.8	30.4	26.3
1-2 PM	1903	0.0	605	0.0	1500	1521	383	987	6.73	154	62.8	12.4	30.8	30.0	24.6
2-3 PM	2071	0.0	657	0.0	1500	1543	528	1186	8.03	190	62.5	11.3	30.8	29.1	21.7
3-4 PM	2179	0.0	692	0.0	1500	1531	648	1340	9.36	226	62.3	10.4	30.8	28.6	19.6
4-5 PM	2219	0.0	704	0.0	1500	1501	718	1423	10.23	249	62.2	10.0	30.8	28.4	18.4
5-6 PM	1896	0.0	603	0.0	1499	1400	496	1099	7.45	175	62.8	11.8	30.8	30.0	23.0
6-7 PM	1624	0.0	515	0.0	1500	1464	160	675	5.29	115	63.3	14.2	30.8	31.4	29.2
7-8 PM	1536	0.0	488	0.0	1500	1489	47	535	4.79	101	63.5	15.0	30.8	31.9	31.4
8-9 PM	1241	0.0	394	0.0	1499	1241	0	394	1.25	23	64.1	33.8	36.3	33.4	33.4
9-10 PM	931	0.0	295	0.0	1500	931	0	295	0.51	0	64.6	47.2	41.9	35.0	35.0
10-11 PM	668	0.0	212	0.0	1500	668	0	212	0.49	0	65.1	48.1	42.8	36.3	36.3
11PM-MID	502	0.0	159	0.0	1500	502	0	159	0.47	0	65.5	48.7	43.5	37.2	37.2

*----- 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	0.0066
MAIN ROUTE WITH WORKS	0.0042
DIVERSION	0.0458

PIA: Personal Injury Accidents

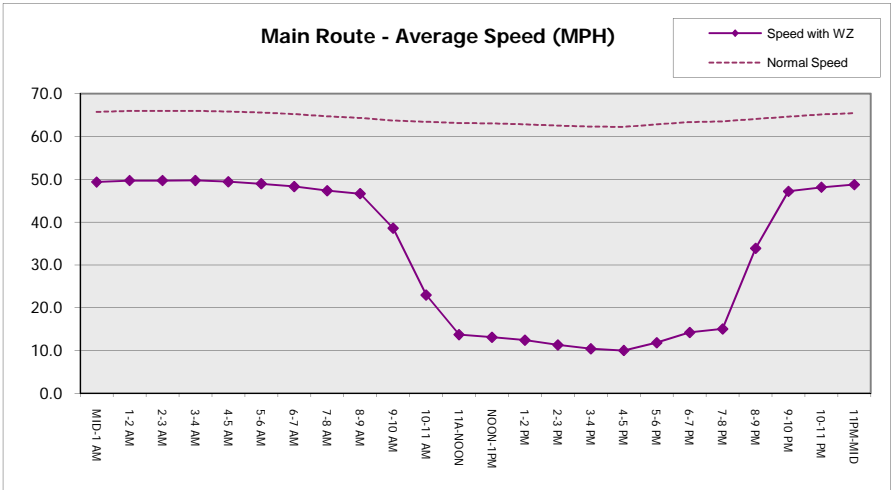
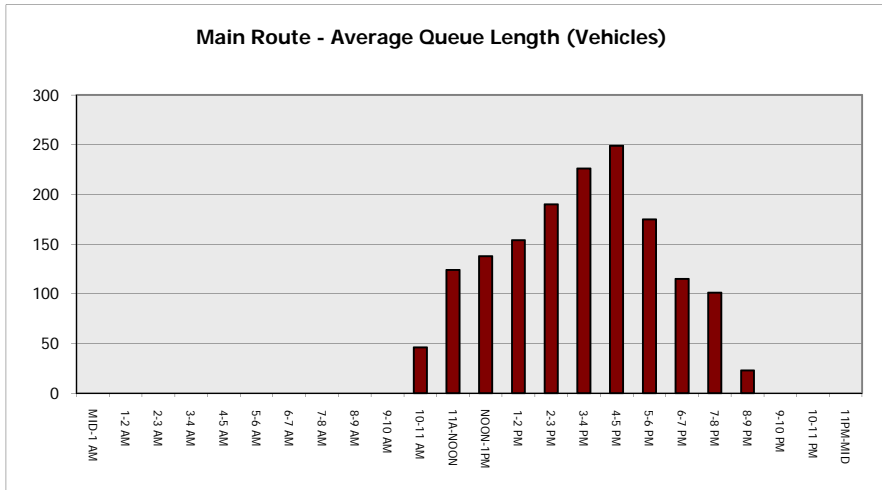
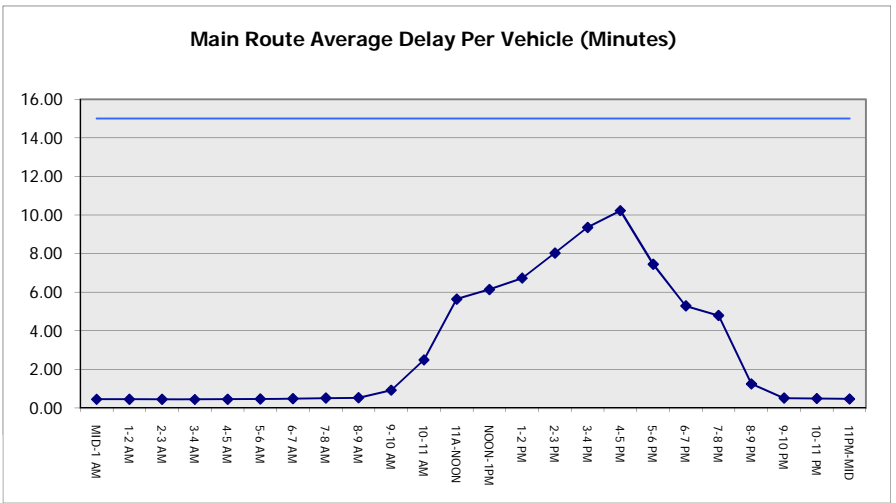
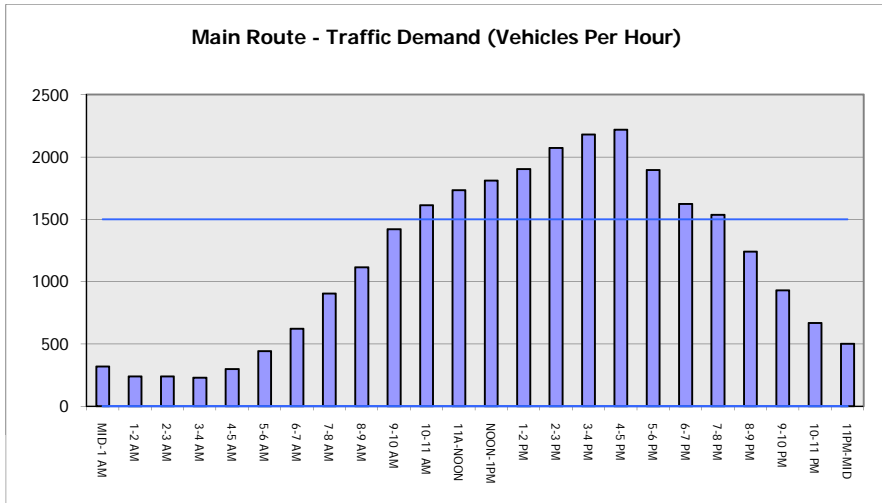
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$35,261
CONGESTED HOURS PER DAY*	0

\*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**  
**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>AUGUST</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			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		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	246	0.0	78	0.0	1500	246	0	78	0.45	0	66.0	49.7	44.5	38.5	38.5
1-2 AM	187	0.0	59	0.0	1500	187	0	59	0.44	0	66.0	49.9	44.7	38.8	38.8
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	268	0.0	85	0.0	1500	268	0	85	0.45	0	65.9	49.6	44.4	38.4	38.4
4-5 AM	300	0.0	95	0.0	1500	300	0	95	0.45	0	65.8	49.4	44.3	38.2	38.2
5-6 AM	484	0.0	154	0.0	1500	484	0	154	0.47	0	65.5	48.8	43.6	37.3	37.3
6-7 AM	762	0.0	241	0.0	1500	762	0	241	0.50	0	65.0	47.8	42.5	35.8	35.8
7-8 AM	1022	0.0	325	0.0	1500	1022	0	325	0.52	0	64.5	46.9	41.6	34.5	34.5
8-9 AM	1142	0.0	363	0.0	1500	1142	0	363	0.56	0	64.3	45.8	40.4	33.9	33.9
9-10 AM	1409	0.0	447	0.0	1499	1409	0	447	0.90	0	63.8	38.8	32.8	32.5	32.5
10-11 AM	1635	0.0	519	0.0	1499	1635	0	519	2.75	56	63.3	21.7	30.8	31.4	31.4
11A-NOON	1767	0.0	561	0.0	1499	1503	264	825	5.91	132	63.1	13.4	30.8	30.7	27.0
NOON-1PM	1833	0.0	582	0.0	1499	1514	319	902	6.28	142	63.0	12.9	30.8	30.4	25.8
1-2 PM	2055	0.0	652	0.0	1500	1554	501	1153	7.80	183	62.5	11.5	30.8	29.2	22.2
2-3 PM	2182	0.0	693	0.0	1500	1535	648	1340	9.36	226	62.3	10.4	30.8	28.6	19.6
3-4 PM	2214	0.0	703	0.0	1499	1506	707	1411	10.10	245	62.3	10.1	30.8	28.4	18.6
4-5 PM	2165	0.0	688	0.0	1499	1477	688	1376	9.72	235	62.3	10.2	30.8	28.6	19.0
5-6 PM	2060	0.0	654	0.0	1500	1459	601	1255	8.59	205	62.5	10.9	30.8	29.2	20.7
6-7 PM	1775	0.0	563	0.0	1499	1433	341	904	6.31	143	63.1	12.9	30.8	30.7	25.8
7-8 PM	1358	0.0	431	0.0	1499	1347	10	442	2.57	60	63.8	22.9	33.0	32.8	32.7
8-9 PM	1052	0.0	334	0.0	1500	1052	0	334	0.52	0	64.4	46.8	41.5	34.3	34.3
9-10 PM	785	0.0	250	0.0	1500	785	0	250	0.50	0	64.9	47.7	42.4	35.7	35.7
10-11 PM	609	0.0	194	0.0	1500	609	0	194	0.48	0	65.3	48.3	43.1	36.6	36.6
11PM-MID	408	0.0	130	0.0	1500	408	0	130	0.46	0	65.6	49.1	43.8	37.6	37.6

*----- 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	0.0067
MAIN ROUTE WITH WORKS	0.0041
DIVERSION	0.0482

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$37,941
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**  
**FRIDAY EASTBOUND DIRECTION**

