

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

**MAY**  
Analyzed for 2009  
Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR SOUTHBOUND 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	60	0.0	22	0.0	1500	60	0	22	0.43	0	66.3	46.3	45.3	19.7	19.7
1-2 AM	45	0.0	16	0.0	1500	45	0	16	0.43	0	66.3	46.4	45.3	19.7	19.7
2-3 AM	53	0.0	19	0.0	1500	53	0	19	0.43	0	66.3	46.4	45.3	19.7	19.7
3-4 AM	67	0.0	24	0.0	1500	67	0	24	0.43	0	66.3	46.3	45.2	19.7	19.7
4-5 AM	178	0.0	65	0.0	1500	178	0	65	0.44	0	66.1	45.8	44.8	19.4	19.4
5-6 AM	581	0.0	212	0.0	1500	581	0	212	0.48	0	65.3	44.3	43.2	18.2	18.2
6-7 AM	1410	0.0	515	0.0	1499	1410	0	515	1.13	13	63.8	30.7	34.3	15.8	16.0
7-8 AM	2137	0.0	781	0.0	1500	1656	481	1262	7.52	181	62.4	10.7	30.8	13.7	12.6
8-9 AM	1281	0.0	469	0.0	1499	1177	104	573	1.97	64	64.0	24.1	37.1	16.2	16.6
9-10 AM	891	0.0	326	0.0	1500	891	0	326	0.51	0	64.7	43.2	42.0	17.3	17.3
10-11 AM	849	0.0	310	0.0	1500	849	0	310	0.50	0	64.8	43.3	42.2	17.5	17.5
11A-NOON	904	0.0	331	0.0	1500	904	0	331	0.51	0	64.7	43.1	42.0	17.3	17.3
NOON-1PM	952	0.0	348	0.0	1500	952	0	348	0.51	0	64.6	43.0	41.9	17.1	17.1
1-2 PM	949	0.0	347	0.0	1500	949	0	347	0.51	0	64.6	43.0	41.9	17.1	17.1
2-3 PM	1027	0.0	375	0.0	1500	1027	0	375	0.52	0	64.5	42.7	41.6	16.9	16.9
3-4 PM	1203	0.0	440	0.0	1500	1203	0	440	0.64	0	64.1	39.5	38.3	16.4	16.4
4-5 PM	1278	0.0	468	0.0	1500	1278	0	468	0.74	0	64.0	37.3	36.1	16.2	16.2
5-6 PM	1241	0.0	453	0.0	1500	1241	0	453	0.69	0	64.1	38.4	37.2	16.3	16.3
6-7 PM	931	0.0	341	0.0	1500	931	0	341	0.51	0	64.6	43.0	41.9	17.2	17.2
7-8 PM	643	0.0	235	0.0	1500	643	0	235	0.48	0	65.2	44.1	43.0	18.0	18.0
8-9 PM	509	0.0	187	0.0	1500	509	0	187	0.47	0	65.5	44.6	43.5	18.4	18.4
9-10 PM	355	0.0	130	0.0	1500	355	0	130	0.46	0	65.7	45.1	44.1	18.9	18.9
10-11 PM	259	0.0	94	0.0	1500	259	0	94	0.45	0	65.9	45.5	44.5	19.1	19.1
11PM-MID	105	0.0	39	0.0	1500	105	0	39	0.43	0	66.2	46.1	45.1	19.6	19.6

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0031
MAIN ROUTE WITH WORKS	0.0019
DIVERSION	0.0116

PIA: Personal Injury Accidents

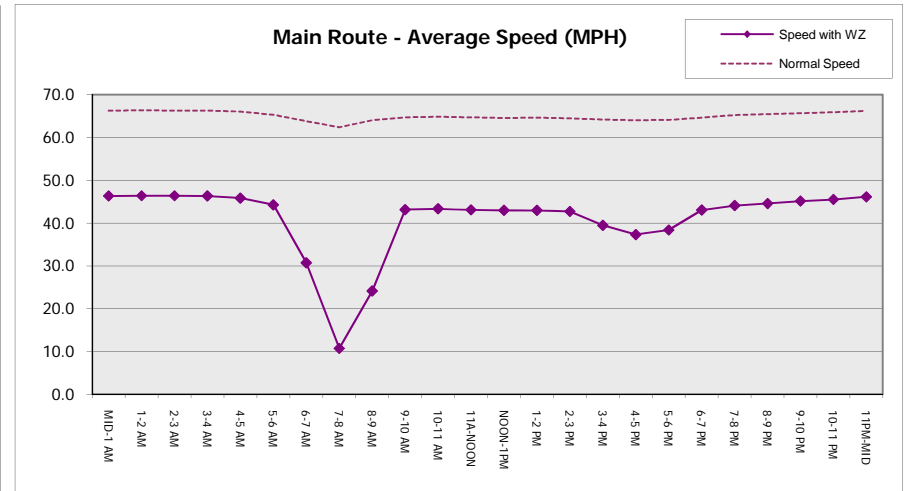
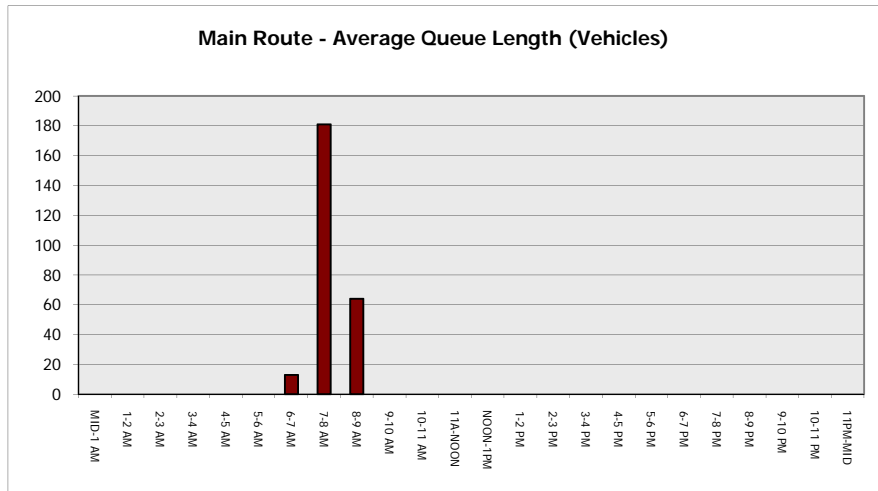
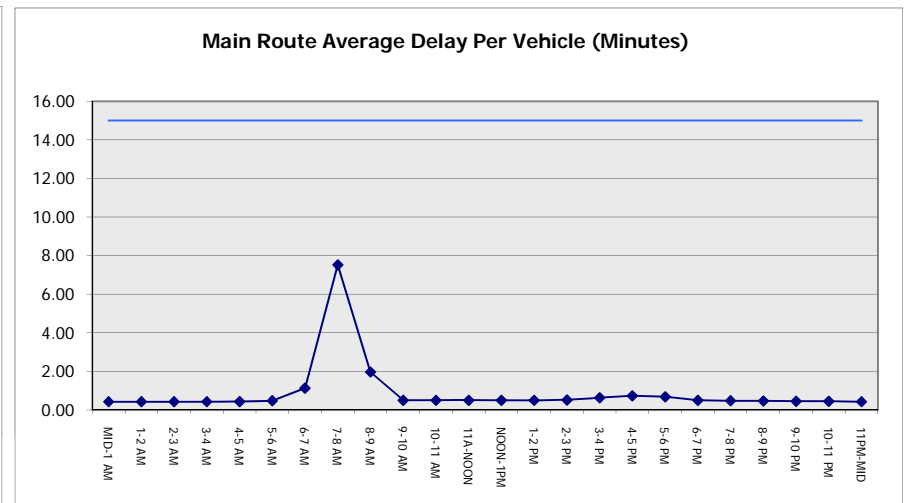
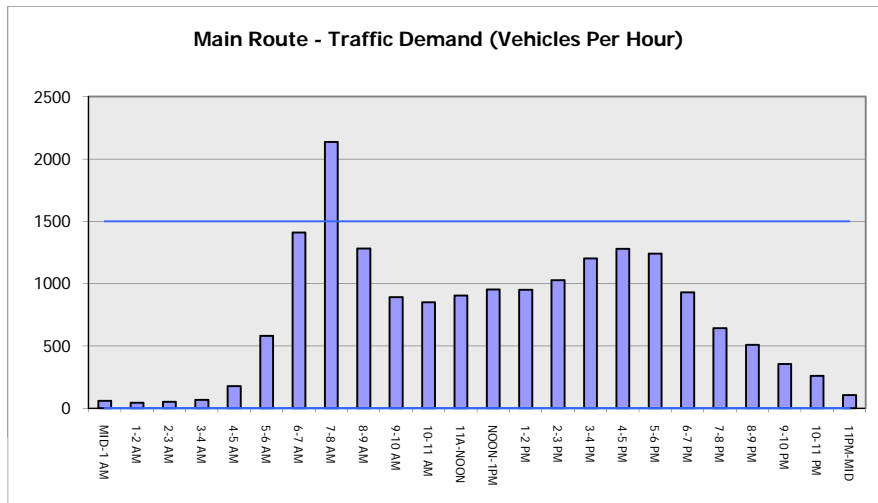
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$6,158
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR SOUTHBOUND DIRECTION**



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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR      NORTHBOUND 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	94	0.0	34	0.0	1500	94	0	34	0.43	0	66.2	46.2	45.1	19.6	19.6
1-2 AM	68	0.0	25	0.0	1500	68	0	25	0.43	0	66.3	46.3	45.2	19.7	19.7
2-3 AM	51	0.0	18	0.0	1500	51	0	18	0.43	0	66.3	46.4	45.3	19.7	19.7
3-4 AM	63	0.0	23	0.0	1500	63	0	23	0.43	0	66.3	46.3	45.3	19.7	19.7
4-5 AM	114	0.0	42	0.0	1500	114	0	42	0.43	0	66.2	46.1	45.0	19.6	19.6
5-6 AM	241	0.0	88	0.0	1500	241	0	88	0.45	0	66.0	45.6	44.5	19.2	19.2
6-7 AM	574	0.0	210	0.0	1500	574	0	210	0.48	0	65.3	44.3	43.2	18.2	18.2
7-8 AM	894	0.0	327	0.0	1500	894	0	327	0.51	0	64.7	43.2	42.0	17.3	17.3
8-9 AM	679	0.0	249	0.0	1500	679	0	249	0.49	0	65.1	44.0	42.8	17.9	17.9
9-10 AM	664	0.0	242	0.0	1500	664	0	242	0.49	0	65.1	44.0	42.9	17.9	17.9
10-11 AM	725	0.0	265	0.0	1500	725	0	265	0.49	0	65.0	43.8	42.7	17.8	17.8
11A-NOON	865	0.0	317	0.0	1500	865	0	317	0.51	0	64.8	43.3	42.2	17.4	17.4
NOON-1PM	954	0.0	349	0.0	1500	954	0	349	0.51	0	64.6	43.0	41.9	17.1	17.1
1-2 PM	963	0.0	352	0.0	1500	963	0	352	0.52	0	64.6	42.9	41.8	17.1	17.1
2-3 PM	1134	0.0	415	0.0	1499	1134	0	415	0.58	0	64.3	41.0	39.8	16.6	16.6
3-4 PM	1561	0.0	571	0.0	1499	1561	0	571	1.51	17	63.5	26.4	31.0	15.4	15.6
4-5 PM	1791	0.0	654	0.0	1499	1563	228	882	5.53	122	63.0	12.5	30.8	14.7	15.0
5-6 PM	1805	0.0	659	0.0	1500	1481	324	983	6.02	135	63.0	11.9	30.8	14.7	14.3
6-7 PM	1130	0.0	413	0.0	1500	1122	8	421	1.07	23	64.3	32.2	38.4	16.6	17.0
7-8 PM	846	0.0	309	0.0	1500	846	0	309	0.50	0	64.8	43.3	42.2	17.5	17.5
8-9 PM	726	0.0	266	0.0	1500	726	0	266	0.49	0	65.0	43.8	42.7	17.8	17.8
9-10 PM	510	0.0	187	0.0	1500	510	0	187	0.47	0	65.5	44.6	43.5	18.4	18.4
10-11 PM	320	0.0	117	0.0	1500	320	0	117	0.45	0	65.8	45.3	44.2	18.9	18.9
11PM-MID	230	0.0	84	0.0	1500	230	0	84	0.44	0	66.0	45.6	44.6	19.2	19.2

*----- 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	0.0030
MAIN ROUTE WITH WORKS	0.0018
DIVERSION	0.0110

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$6,676
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR NORTHBOUND DIRECTION**

