

<b>USH 41: STH 26 TO STH 23 (FOND DU LAC AND WINNEBAGO COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH 00 - CTH I - CTH N</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	160	0.0	166	0.0	1500	160	0	166	0.44	0	66.1	59.9	44.8	23.6	23.6
1-2 AM	115	0.0	119	0.0	1500	115	0	119	0.43	0	66.2	60.1	45.0	23.9	23.9
2-3 AM	79	0.0	81	0.0	1500	79	0	81	0.43	0	66.3	60.2	45.1	24.2	24.2
3-4 AM	69	0.0	71	0.0	1500	69	0	71	0.43	0	66.3	60.2	45.2	24.3	24.3
4-5 AM	72	0.0	75	0.0	1500	72	0	75	0.43	0	66.3	60.2	45.2	24.3	24.3
5-6 AM	119	0.0	123	0.0	1500	119	0	123	0.43	0	66.1	60.1	45.0	23.9	23.9
6-7 AM	193	0.0	200	0.0	1500	193	0	200	0.44	0	66.0	59.9	44.7	23.3	23.3
7-8 AM	332	0.0	344	0.0	1500	332	0	344	0.45	0	65.8	59.4	44.2	22.2	22.2
8-9 AM	531	0.0	551	0.0	1500	531	0	551	0.47	0	65.4	58.9	43.4	20.6	20.6
9-10 AM	884	0.0	917	0.0	1500	884	0	917	0.51	0	64.7	58.0	42.1	17.8	17.8
10-11 AM	1237	0.0	1284	0.0	1499	1237	0	1284+	0.68	0	64.1	55.5	37.4	15.0	15.0
11A-NOON	1528	0.0	1585	0.0	1499	1528	0	1585+	1.36	10	63.5	48.6	31.1	12.7	12.7
NOON-1PM	1675	0.0	1737	0.0	1500	1675	0	1737+	5.03	116	63.3	29.7	30.8	11.8	11.9
1-2 PM	1922	0.0	1994	0.0	1500	1922	0	1994+	15.51	416	62.8	14.1	30.8	11.8	11.8
2-3 PM	2021	0.0	2097	0.0	1499	1499	521	2618+	23.99	621	62.6	10.1	30.8	11.8	11.9
3-4 PM	1999	0.0	2074	0.0	1499	1499	499	2573+	23.99	621	62.7	10.1	30.8	11.8	11.9
4-5 PM	1944	0.0	2017	0.0	1499	1499	444	2461+	24.00	621	62.8	10.1	30.8	11.8	11.9
5-6 PM	1748	0.0	1813	0.0	1499	1492	256	2070+	24.01	621	63.2	10.1	30.8	11.8	11.9
6-7 PM	1553	0.0	1611	0.0	1499	1456	97	1709+	23.63	610	63.5	10.1	30.8	12.5	12.0
7-8 PM	1451	0.0	1504	0.0	1500	1400	51	1556+	21.51	553	63.7	10.9	30.8	13.3	12.9
8-9 PM	969	0.0	1006	0.0	1499	965	4	1010	7.04	244	64.6	24.7	36.4	17.1	17.1
9-10 PM	565	0.0	586	0.0	1500	565	0	586	0.48	0	65.3	58.8	43.3	20.4	20.4
10-11 PM	290	0.0	301	0.0	1500	290	0	301	0.45	0	65.8	59.6	44.3	22.5	22.5
11PM-MID	160	0.0	166	0.0	1500	160	0	166	0.44	0	66.1	59.9	44.8	23.6	23.6

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0162
MAIN ROUTE WITH WORKS	0.0135
DIVERSION	0.1598

PIA: Personal Injury Accidents

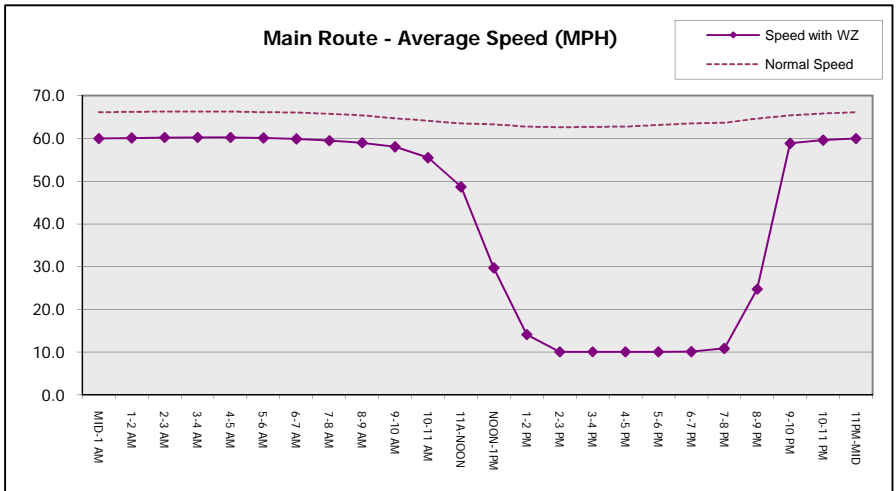
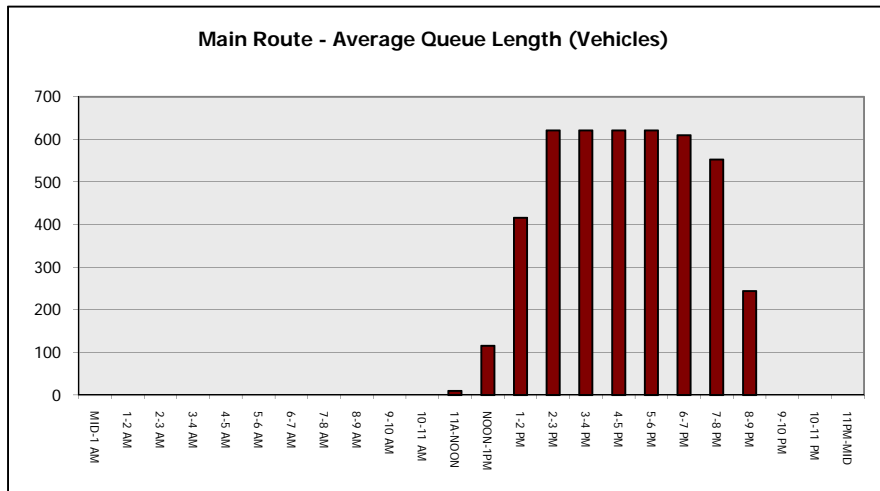
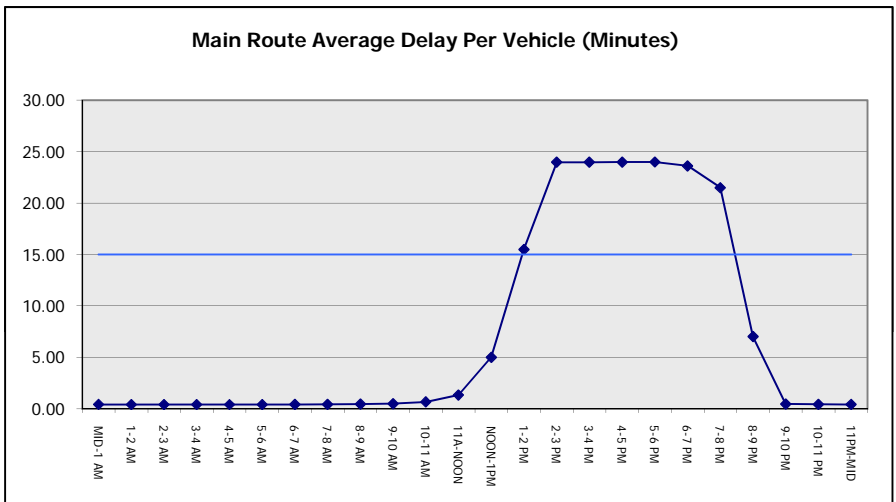
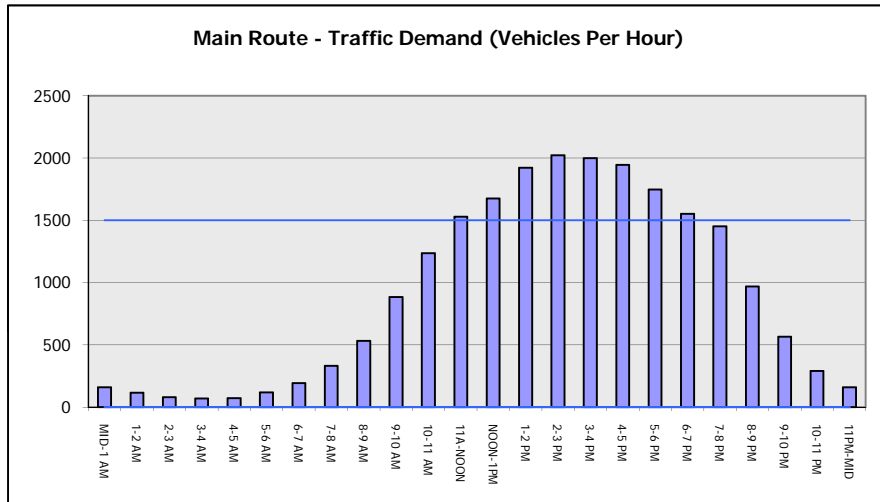
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$87,028
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding 15 Minutes

**USH 41: STH 26 TO STH 23 (FOND DU LAC AND WINNEBAGO COUNTIES)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH OO - CTH I - CTH N**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY SOUTHBOUND DIRECTION**



<b>USH 41: STH 26 TO STH 23 (FOND DU LAC AND WINNEBAGO COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH OO - CTH I - CTH N</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
SUNDAY	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	202	0.0	209	0.0	1500	202	0	209	0.44	0	66.0	59.8	44.6	23.2	23.2
1-2 AM	119	0.0	123	0.0	1500	119	0	123	0.43	0	66.1	60.1	45.0	23.9	23.9
2-3 AM	71	0.0	74	0.0	1500	71	0	74	0.43	0	66.3	60.2	45.2	24.3	24.3
3-4 AM	49	0.0	51	0.0	1500	49	0	51	0.43	0	66.3	60.2	45.3	24.5	24.5
4-5 AM	60	0.0	63	0.0	1500	60	0	63	0.43	0	66.3	60.2	45.3	24.3	24.3
5-6 AM	109	0.0	112	0.0	1500	109	0	112	0.43	0	66.2	60.1	45.1	24.0	24.0
6-7 AM	165	0.0	171	0.0	1500	165	0	171	0.44	0	66.1	59.9	44.8	23.5	23.5
7-8 AM	333	0.0	345	0.0	1500	333	0	345	0.45	0	65.8	59.4	44.2	22.2	22.2
8-9 AM	592	0.0	614	0.0	1500	592	0	614	0.48	0	65.3	58.7	43.2	20.1	20.1
9-10 AM	900	0.0	933	0.0	1500	900	0	933	0.51	0	64.7	57.9	42.0	17.7	17.7
10-11 AM	1066	0.0	1107	0.0	1500	1066	0	1107	0.53	0	64.4	57.5	41.4	16.3	16.3
11A-NOON	1222	0.0	1267	0.0	1500	1222	0	1267+	0.67	0	64.1	55.7	37.8	15.1	15.1
NOON-1PM	1194	0.0	1239	0.0	1500	1194	0	1239+	0.63	0	64.1	56.1	38.6	15.3	15.3
1-2 PM	1090	0.0	1130	0.0	1500	1090	0	1130	0.53	0	64.3	57.4	41.4	16.1	16.1
2-3 PM	1070	0.0	1110	0.0	1500	1070	0	1110	0.53	0	64.4	57.5	41.4	16.3	16.3
3-4 PM	1068	0.0	1109	0.0	1500	1068	0	1109	0.53	0	64.4	57.5	41.4	16.3	16.3
4-5 PM	1191	0.0	1235	0.0	1500	1191	0	1235+	0.63	0	64.1	56.1	38.8	15.3	15.3
5-6 PM	1084	0.0	1125	0.0	1500	1084	0	1125	0.53	0	64.3	57.4	41.4	16.2	16.2
6-7 PM	938	0.0	974	0.0	1500	938	0	974	0.51	0	64.6	57.8	41.9	17.4	17.4
7-8 PM	865	0.0	897	0.0	1500	865	0	897	0.51	0	64.8	58.0	42.2	17.9	17.9
8-9 PM	604	0.0	626	0.0	1500	604	0	626	0.48	0	65.3	58.7	43.1	20.1	20.1
9-10 PM	383	0.0	398	0.0	1500	383	0	398	0.46	0	65.6	59.3	44.0	21.8	21.8
10-11 PM	274	0.0	284	0.0	1500	274	0	284	0.45	0	65.9	59.6	44.4	22.7	22.7
11PM-MID	180	0.0	186	0.0	1500	180	0	186	0.44	0	66.1	59.9	44.8	23.4	23.4

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0111
MAIN ROUTE WITH WORKS	0.0101
DIVERSION	0.1012

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,298
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**USH 41: STH 26 TO STH 23 (FOND DU LAC AND WINNEBAGO COUNTIES)  
 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: CTH OO - CTH I - CTH N**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY NORTHBOUND DIRECTION**

