

<b>USH 41: STH 26 TO STH 23 (FOND DU LAC AND WINNEBAGO COUNTIES)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: CTH OO - 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	OFF	160	0	166	0.00	0	66.1	66.1	66.1	23.6	23.6
1-2 AM	115	0.0	119	0.0	OFF	115	0	119	0.00	0	66.2	66.2	66.2	23.9	23.9
2-3 AM	79	0.0	81	0.0	OFF	79	0	81	0.00	0	66.3	66.3	66.3	24.2	24.2
3-4 AM	69	0.0	71	0.0	OFF	69	0	71	0.00	0	66.3	66.3	66.3	24.3	24.3
4-5 AM	72	0.0	75	0.0	OFF	72	0	75	0.00	0	66.3	66.3	66.3	24.3	24.3
5-6 AM	119	0.0	123	0.0	OFF	119	0	123	0.00	0	66.1	66.1	66.1	23.9	23.9
6-7 AM	193	0.0	200	0.0	OFF	193	0	200	0.00	0	66.0	66.0	66.0	23.3	23.3
7-8 AM	332	0.0	344	0.0	OFF	332	0	344	0.00	0	65.8	65.8	65.8	22.2	22.2
8-9 AM	531	0.0	551	0.0	OFF	531	0	551	0.00	0	65.4	65.4	65.4	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	OFF	1451	0	1504+	1.08	66	63.7	51.2	51.2	13.3	13.3
8-9 PM	969	0.0	1006	0.0	OFF	969	0	1006	0.00	0	64.6	64.6	64.6	17.1	17.1
9-10 PM	565	0.0	586	0.0	OFF	565	0	586	0.00	0	65.3	65.3	65.3	20.4	20.4
10-11 PM	290	0.0	301	0.0	OFF	290	0	301	0.00	0	65.8	65.8	65.8	22.5	22.5
11PM-MID	160	0.0	166	0.0	OFF	160	0	166	0.00	0	66.1	66.1	66.1	23.6	23.6

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ 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	0.0138
DIVERSION	0.1594

PIA: Personal Injury Accidents

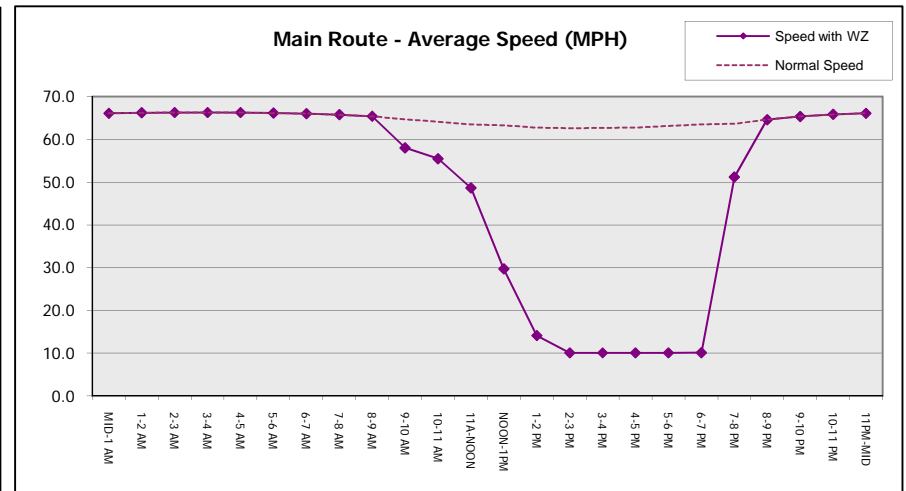
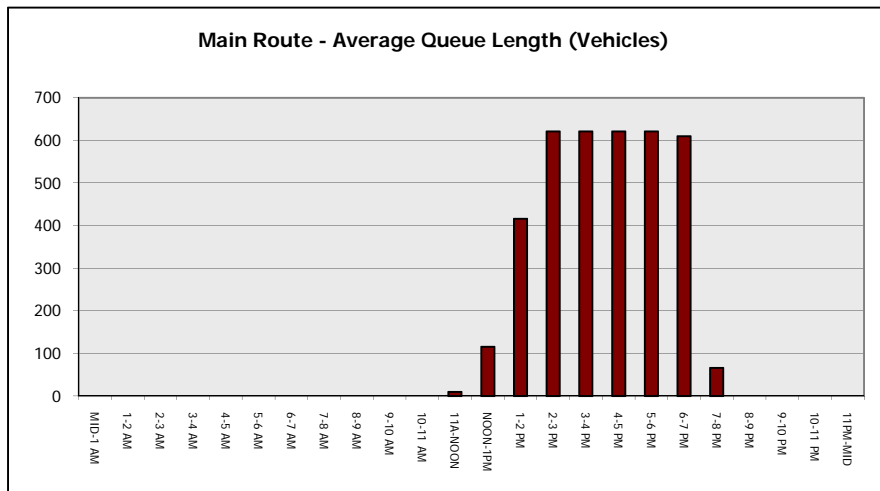
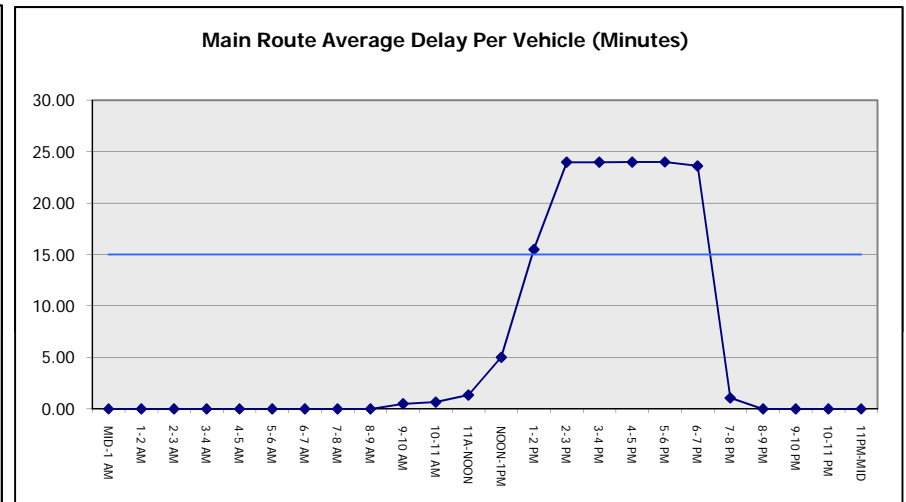
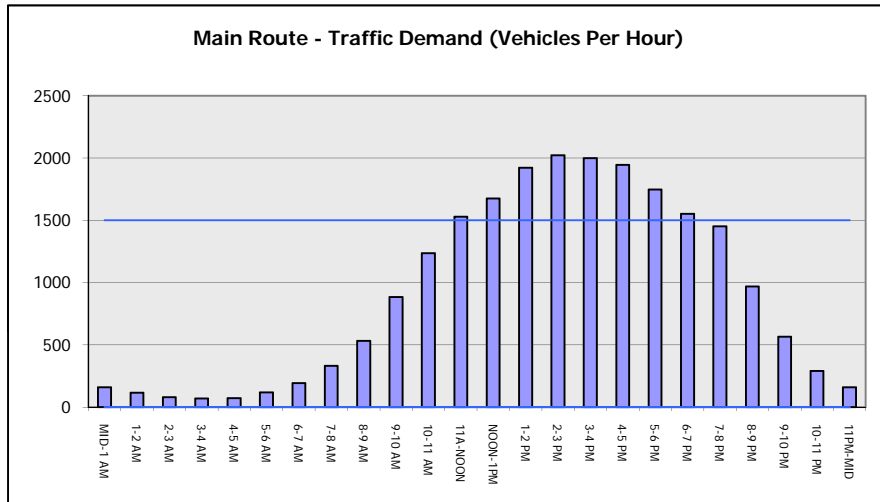
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$72,479
CONGESTED HOURS PER DAY*	6

\*Delays Exceeding 15 Minutes

**USH 41: STH 26 TO STH 23 (FOND DU LAC AND WINNEBAGO COUNTIES)**  
**OFF-PEAK DAY 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>OFF-PEAK DAY 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	OFF	202	0	209	0.00	0	66.0	66.0	66.0	23.2	23.2
1-2 AM	119	0.0	123	0.0	OFF	119	0	123	0.00	0	66.1	66.1	66.1	23.9	23.9
2-3 AM	71	0.0	74	0.0	OFF	71	0	74	0.00	0	66.3	66.3	66.3	24.3	24.3
3-4 AM	49	0.0	51	0.0	OFF	49	0	51	0.00	0	66.3	66.3	66.3	24.5	24.5
4-5 AM	60	0.0	63	0.0	OFF	60	0	63	0.00	0	66.3	66.3	66.3	24.3	24.3
5-6 AM	109	0.0	112	0.0	OFF	109	0	112	0.00	0	66.2	66.2	66.2	24.0	24.0
6-7 AM	165	0.0	171	0.0	OFF	165	0	171	0.00	0	66.1	66.1	66.1	23.5	23.5
7-8 AM	333	0.0	345	0.0	OFF	333	0	345	0.00	0	65.8	65.8	65.8	22.2	22.2
8-9 AM	592	0.0	614	0.0	OFF	592	0	614	0.00	0	65.3	65.3	65.3	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	OFF	865	0	897	0.00	0	64.8	64.8	64.8	17.9	17.9
8-9 PM	604	0.0	626	0.0	OFF	604	0	626	0.00	0	65.3	65.3	65.3	20.1	20.1
9-10 PM	383	0.0	398	0.0	OFF	383	0	398	0.00	0	65.6	65.6	65.6	21.8	21.8
10-11 PM	274	0.0	284	0.0	OFF	274	0	284	0.00	0	65.9	65.9	65.9	22.7	22.7
11PM-MID	180	0.0	186	0.0	OFF	180	0	186	0.00	0	66.1	66.1	66.1	23.4	23.4

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0111
MAIN ROUTE WITH WORKS	0.0104
DIVERSION	0.1012

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,671
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: CTH OO - CTH I - CTH N**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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**SUNDAY NORTHBOUND DIRECTION**

