

**USH 41: STH 26 TO STH 23 (FOND DU LAC AND WINNEBAGO COUNTIES)  
CONTINUOUS (24 HOUR) CLOSURE  
DIVERSION ROUTE: CTH 00 - CTH I - CTH N**

**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	108	0.0	113	0.0	1500	108	0	113	0.43	0	66.2	60.1	45.1	24.0	24.0
1-2 AM	87	0.0	90	0.0	1500	87	0	90	0.43	0	66.2	60.1	45.1	24.2	24.2
2-3 AM	90	0.0	93	0.0	1500	90	0	93	0.43	0	66.2	60.1	45.1	24.1	24.1
3-4 AM	114	0.0	118	0.0	1500	114	0	118	0.43	0	66.2	60.1	45.0	23.9	23.9
4-5 AM	203	0.0	212	0.0	1500	203	0	212	0.44	0	66.0	59.8	44.6	23.2	23.2
5-6 AM	521	0.0	544	0.0	1500	521	0	544	0.47	0	65.4	58.9	43.4	20.7	20.7
6-7 AM	898	0.0	932	0.0	1500	898	0	932	0.51	0	64.7	57.9	42.0	17.7	17.7
7-8 AM	1027	0.0	1065	0.0	1500	1027	0	1065	0.52	0	64.5	57.6	41.6	16.6	16.6
8-9 AM	923	0.0	958	0.0	1500	923	0	958	0.51	0	64.6	57.9	42.0	17.5	17.5
9-10 AM	860	0.0	894	0.0	1500	860	0	894	0.51	0	64.8	58.1	42.2	18.0	18.0
10-11 AM	866	0.0	899	0.0	1500	866	0	899	0.51	0	64.8	58.0	42.2	17.9	17.9
11A-NOON	923	0.0	954	0.0	1500	923	0	954	0.51	0	64.6	57.9	42.0	17.5	17.5
NOON-1PM	957	0.0	990	0.0	1500	957	0	990	0.51	0	64.6	57.8	41.9	17.3	17.3
1-2 PM	1016	0.0	1051	0.0	1500	1016	0	1051	0.52	0	64.5	57.6	41.6	16.8	16.8
2-3 PM	1124	0.0	1163	0.0	1500	1124	0	1163	0.54	0	64.3	57.3	41.0	15.9	15.9
3-4 PM	1134	0.0	1174	0.0	1500	1134	0	1174	0.55	0	64.3	57.1	40.7	15.8	15.8
4-5 PM	1157	0.0	1197	0.0	1500	1157	0	1197	0.58	0	64.2	56.7	39.9	15.6	15.6
5-6 PM	1041	0.0	1077	0.0	1500	1041	0	1077	0.52	0	64.5	57.6	41.5	16.6	16.6
6-7 PM	806	0.0	830	0.0	1500	806	0	830	0.50	0	64.9	58.2	42.4	18.4	18.4
7-8 PM	604	0.0	623	0.0	1500	604	0	623	0.48	0	65.3	58.7	43.1	20.1	20.1
8-9 PM	528	0.0	546	0.0	1500	528	0	546	0.47	0	65.4	58.9	43.4	20.7	20.7
9-10 PM	407	0.0	423	0.0	1500	407	0	423	0.46	0	65.6	59.2	43.8	21.6	21.6
10-11 PM	294	0.0	313	0.0	1500	294	0	313	0.45	0	65.8	59.6	44.3	22.4	22.4
11PM-MID	161	0.0	176	0.0	1500	161	0	176	0.44	0	66.1	59.9	44.8	23.5	23.5

**\*----- 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	0.0118
MAIN ROUTE WITH WORKS	0.0108
DIVERSION	0.1081

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

ROAD USER COSTS PER DAY ( DOLLARS)	\$1,622
CONGESTED HOURS PER DAY*	0

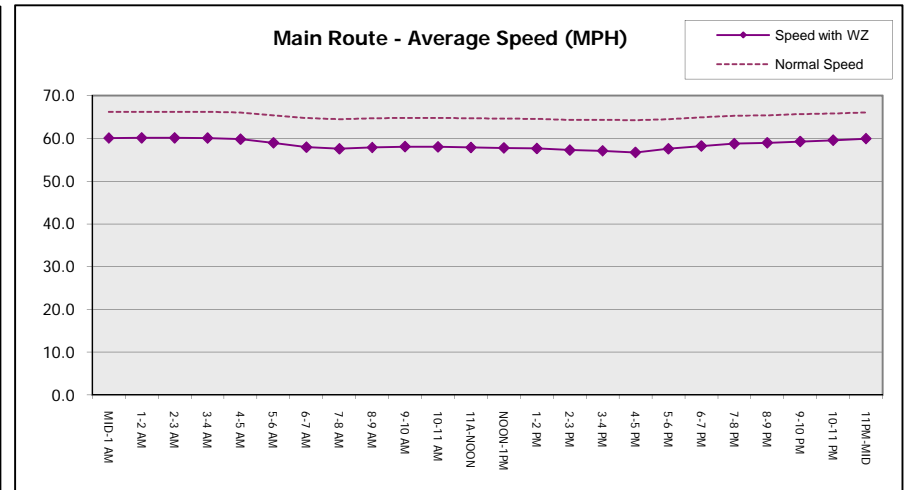
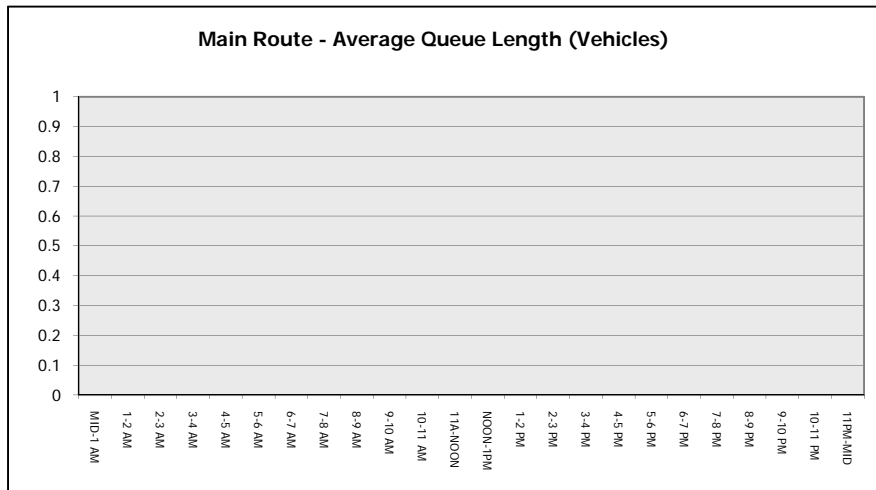
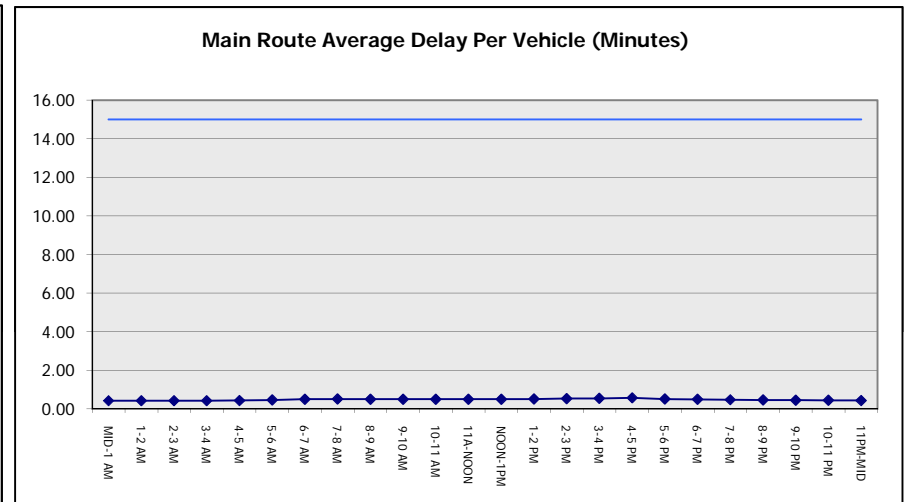
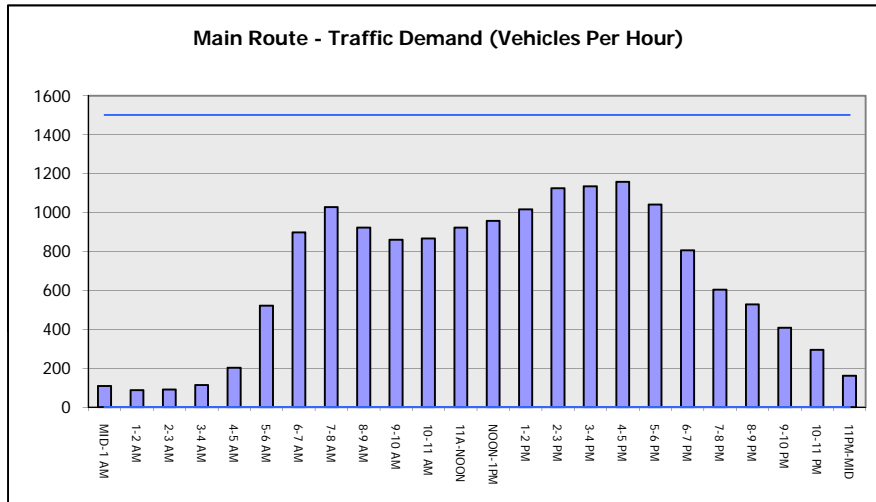
\*Delays Exceeding 15 Minutes

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**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH OO - CTH I - CTH N**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**MON-THUR 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>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	143	0.0	148	0.0	1500	143	0	148	0.44	0	66.1	60.0	44.9	23.7	23.7
1-2 AM	99	0.0	102	0.0	1500	99	0	102	0.43	0	66.2	60.1	45.1	24.0	24.0
2-3 AM	90	0.0	93	0.0	1500	90	0	93	0.43	0	66.2	60.1	45.1	24.1	24.1
3-4 AM	108	0.0	111	0.0	1500	108	0	111	0.43	0	66.2	60.1	45.1	24.0	24.0
4-5 AM	183	0.0	189	0.0	1500	183	0	189	0.44	0	66.1	59.9	44.8	23.4	23.4
5-6 AM	423	0.0	437	0.0	1500	423	0	437	0.46	0	65.6	59.2	43.8	21.5	21.5
6-7 AM	744	0.0	770	0.0	1500	744	0	770	0.49	0	65.0	58.3	42.6	18.9	18.9
7-8 AM	987	0.0	1022	0.0	1500	987	0	1022	0.52	0	64.5	57.7	41.7	17.0	17.0
8-9 AM	877	0.0	909	0.0	1500	877	0	909	0.51	0	64.8	58.0	42.1	17.9	17.9
9-10 AM	890	0.0	923	0.0	1500	890	0	923	0.51	0	64.7	57.9	42.0	17.8	17.8
10-11 AM	864	0.0	897	0.0	1500	864	0	897	0.51	0	64.8	58.0	42.2	17.9	17.9
11A-NOON	845	0.0	878	0.0	1500	845	0	878	0.50	0	64.8	58.1	42.2	18.1	18.1
NOON-1PM	857	0.0	890	0.0	1500	857	0	890	0.51	0	64.8	58.1	42.2	18.0	18.0
1-2 PM	865	0.0	900	0.0	1500	865	0	900	0.51	0	64.8	58.0	42.2	17.9	17.9
2-3 PM	928	0.0	967	0.0	1500	928	0	967	0.51	0	64.6	57.9	41.9	17.5	17.5
3-4 PM	1068	0.0	1110	0.0	1500	1068	0	1110	0.53	0	64.4	57.5	41.4	16.3	16.3
4-5 PM	1138	0.0	1178	0.0	1500	1138	0	1178	0.56	0	64.3	57.0	40.6	15.8	15.8
5-6 PM	1057	0.0	1096	0.0	1500	1057	0	1096	0.52	0	64.4	57.5	41.5	16.5	16.5
6-7 PM	812	0.0	840	0.0	1500	812	0	840	0.50	0	64.9	58.2	42.4	18.4	18.4
7-8 PM	609	0.0	632	0.0	1500	609	0	632	0.48	0	65.3	58.7	43.1	20.0	20.0
8-9 PM	523	0.0	544	0.0	1500	523	0	544	0.47	0	65.4	58.9	43.4	20.7	20.7
9-10 PM	408	0.0	423	0.0	1500	408	0	423	0.46	0	65.6	59.2	43.8	21.6	21.6
10-11 PM	306	0.0	318	0.0	1500	306	0	318	0.45	0	65.8	59.6	44.3	22.4	22.4
11PM-MID	288	0.0	299	0.0	1500	288	0	299	0.45	0	65.8	59.6	44.3	22.5	22.5

*----- 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	0.0113
MAIN ROUTE WITH WORKS	0.0103
DIVERSION	0.1031

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,522
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH OO - CTH I - CTH N**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

