

USH 41: STH 26 TO STH 23 (FOND DU LAC AND WINNEBAGO COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: CTH OO - CTH I - CTH N	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	106	0.0	109	0.0	1500	106	0	109	0.43	0	66.2	60.1	45.1	24.0	24.0
1-2 AM	81	0.0	85	0.0	1500	81	0	85	0.43	0	66.3	60.2	45.1	24.2	24.2
2-3 AM	92	0.0	96	0.0	1500	92	0	96	0.43	0	66.2	60.1	45.1	24.1	24.1
3-4 AM	100	0.0	104	0.0	1500	100	0	104	0.43	0	66.2	60.1	45.1	24.0	24.0
4-5 AM	184	0.0	190	0.0	1500	184	0	190	0.44	0	66.0	59.9	44.8	23.4	23.4
5-6 AM	459	0.0	475	0.0	OFF	459	0	475	0.00	0	65.5	65.5	65.5	21.2	21.2
6-7 AM	851	0.0	884	0.0	OFF	851	0	884	0.00	0	64.8	64.8	64.8	18.1	18.1
7-8 AM	972	0.0	1008	0.0	OFF	972	0	1008	0.00	0	64.6	64.6	64.6	17.1	17.1
8-9 AM	964	0.0	1000	0.0	OFF	964	0	1000	0.00	0	64.6	64.6	64.6	17.1	17.1
9-10 AM	900	0.0	933	0.0	OFF	900	0	933	0.00	0	64.7	64.7	64.7	17.7	17.7
10-11 AM	958	0.0	993	0.0	OFF	958	0	993	0.00	0	64.6	64.6	64.6	17.2	17.2
11A-NOON	1040	0.0	1079	0.0	OFF	1040	0	1079	0.00	0	64.5	64.5	64.5	16.6	16.6
NOON-1PM	1157	0.0	1199	0.0	OFF	1157	0	1199	0.00	0	64.2	64.2	64.2	15.6	15.6
1-2 PM	1258	0.0	1304	0.0	OFF	1258	0	1304+	0.00	0	64.0	64.0	64.0	14.8	14.8
2-3 PM	1437	0.0	1490	0.0	OFF	1437	0	1490+	0.00	0	63.7	63.7	63.7	13.4	13.4
3-4 PM	1486	0.0	1541	0.0	OFF	1486	0	1541+	0.00	0	63.6	63.6	63.6	13.0	13.0
4-5 PM	1530	0.0	1587	0.0	OFF	1530	0	1587+	0.00	0	63.5	63.5	63.5	12.7	12.7
5-6 PM	1410	0.0	1463	0.0	OFF	1410	0	1463+	0.00	0	63.8	63.8	63.8	13.6	13.6
6-7 PM	1041	0.0	1079	0.0	OFF	1041	0	1079	0.00	0	64.5	64.5	64.5	16.6	16.6
7-8 PM	722	0.0	749	0.0	1500	722	0	749	0.49	0	65.0	58.4	42.7	19.1	19.1
8-9 PM	580	0.0	602	0.0	1500	580	0	602	0.48	0	65.3	58.8	43.2	20.2	20.2
9-10 PM	458	0.0	475	0.0	1500	458	0	475	0.47	0	65.5	59.1	43.7	21.2	21.2
10-11 PM	349	0.0	362	0.0	1500	349	0	362	0.46	0	65.8	59.4	44.1	22.0	22.0
11PM-MID	235	0.0	244	0.0	1500	235	0	244	0.45	0	66.0	59.7	44.5	23.0	23.0

"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	0.0137
MAIN ROUTE WITH WORKS	0.0135
DIVERSION	0.1253

PIA: Personal Injury Accidents

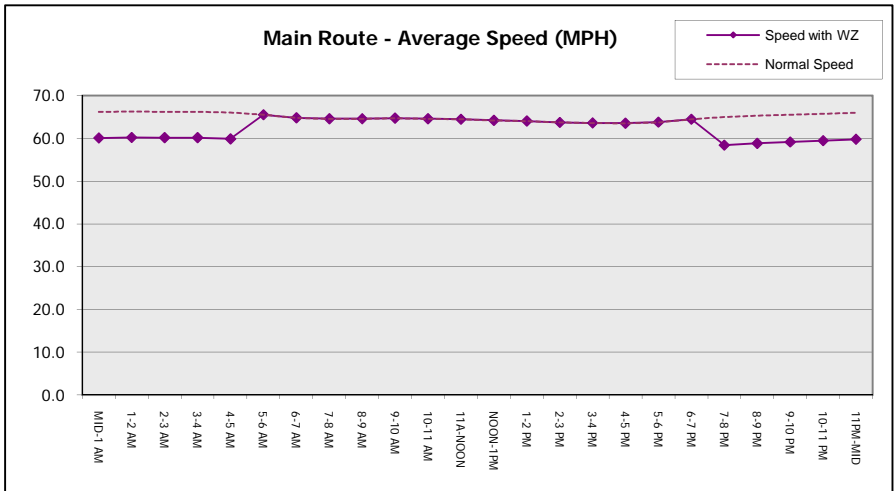
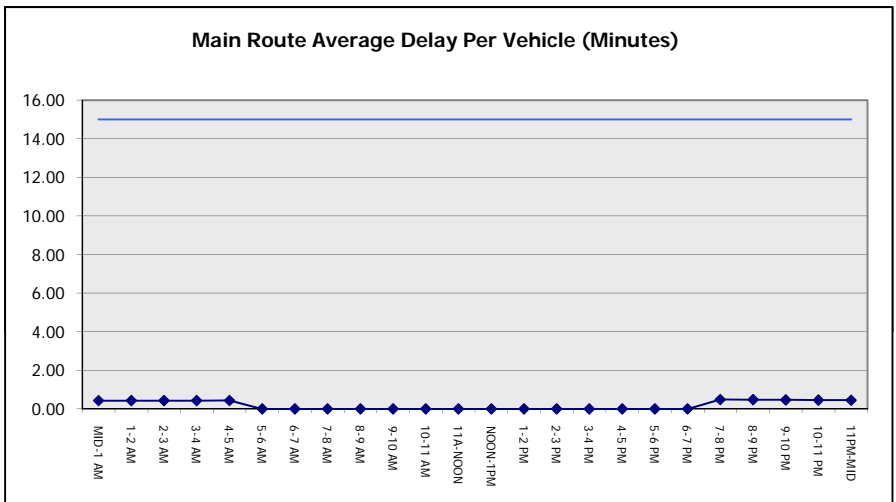
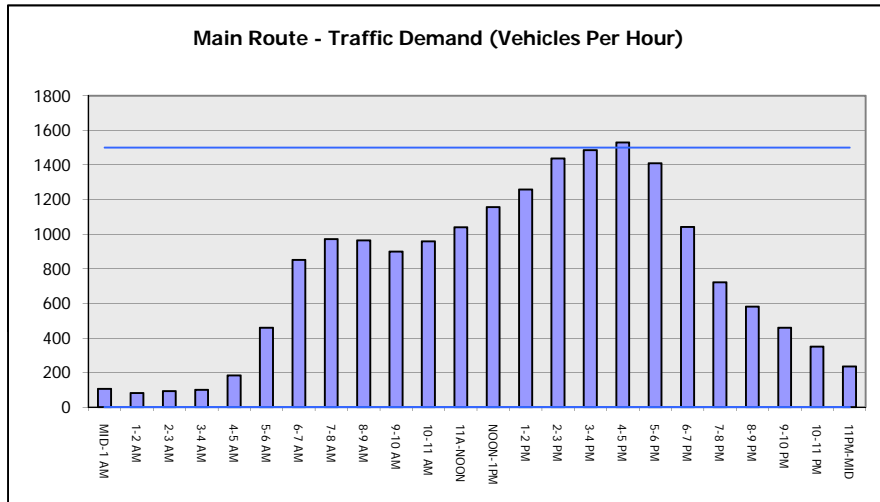
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$294
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



USH 41: STH 26 TO STH 23 (FOND DU LAC AND WINNEBAGO COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: CTH OO - CTH I - CTH N	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT	
FRIDAY	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	140	0.0	145	0.0	1500	140	0	145	0.44	0	66.1	60.0	44.9	23.7	23.7
1-2 AM	113	0.0	116	0.0	1500	113	0	116	0.43	0	66.2	60.1	45.0	24.0	24.0
2-3 AM	113	0.0	116	0.0	1500	113	0	116	0.43	0	66.2	60.1	45.0	24.0	24.0
3-4 AM	142	0.0	147	0.0	1500	142	0	147	0.44	0	66.1	60.0	44.9	23.7	23.7
4-5 AM	198	0.0	206	0.0	1500	198	0	206	0.44	0	66.0	59.8	44.7	23.3	23.3
5-6 AM	452	0.0	469	0.0	OFF	452	0	469	0.00	0	65.5	65.5	65.5	21.2	21.2
6-7 AM	809	0.0	839	0.0	OFF	809	0	839	0.00	0	64.9	64.9	64.9	18.4	18.4
7-8 AM	1129	0.0	1171	0.0	OFF	1129	0	1171	0.00	0	64.3	64.3	64.3	15.8	15.8
8-9 AM	1078	0.0	1119	0.0	OFF	1078	0	1119	0.00	0	64.4	64.4	64.4	16.3	16.3
9-10 AM	1202	0.0	1246	0.0	OFF	1202	0	1246+	0.00	0	64.1	64.1	64.1	15.3	15.3
10-11 AM	1311	0.0	1359	0.0	OFF	1311	0	1359+	0.00	0	64.0	64.0	64.0	14.4	14.4
11A-NOON	1360	0.0	1411	0.0	OFF	1360	0	1411+	0.00	0	63.8	63.8	63.8	14.0	14.0
NOON-1PM	1431	0.0	1485	0.0	OFF	1431	0	1485+	0.00	0	63.7	63.7	63.7	13.5	13.5
1-2 PM	1623	0.0	1684	0.0	OFF	1623	0	1684+	0.00	0	63.3	63.3	63.3	11.9	11.9
2-3 PM	1739	0.0	1803	0.0	OFF	1739	0	1803+	0.00	0	63.2	63.2	63.2	11.8	11.8
3-4 PM	1965	0.0	2039	0.0	OFF	1965	0	2039+	0.00	0	62.7	62.7	62.7	11.8	11.8
4-5 PM	2127	0.0	2207	0.0	OFF	2127	0	2207+	0.00	0	62.4	62.4	62.4	11.8	11.8
5-6 PM	2123	0.0	2202	0.0	OFF	2123	0	2202+	0.00	0	62.4	62.4	62.4	11.8	11.8
6-7 PM	1815	0.0	1883	0.0	OFF	1815	0	1883+	0.00	0	63.0	63.0	63.0	11.8	11.8
7-8 PM	1299	0.0	1346	0.0	1500	1299	0	1346+	0.76	0	64.0	54.5	35.5	14.5	14.5
8-9 PM	858	0.0	890	0.0	1500	858	0	890	0.51	0	64.8	58.1	42.2	18.0	18.0
9-10 PM	593	0.0	615	0.0	1500	593	0	615	0.48	0	65.3	58.7	43.2	20.1	20.1
10-11 PM	403	0.0	418	0.0	1500	403	0	418	0.46	0	65.6	59.2	43.9	21.6	21.6
11PM-MID	316	0.0	326	0.0	1500	316	0	326	0.45	0	65.8	59.5	44.2	22.4	22.4

"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	0.0182
MAIN ROUTE WITH WORKS	0.0179
DIVERSION	0.1660

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$508
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: CTH OO - CTH I - CTH N

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY NORTHBOUND DIRECTION

