

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

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	OFF	106	0	109	0.00	0	66.2	66.2	66.2	24.0	24.0
1-2 AM	81	0.0	85	0.0	OFF	81	0	85	0.00	0	66.3	66.3	66.3	24.2	24.2
2-3 AM	92	0.0	96	0.0	OFF	92	0	96	0.00	0	66.2	66.2	66.2	24.1	24.1
3-4 AM	100	0.0	104	0.0	OFF	100	0	104	0.00	0	66.2	66.2	66.2	24.0	24.0
4-5 AM	184	0.0	190	0.0	OFF	184	0	190	0.00	0	66.0	66.0	66.0	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	1500	958	0	993	0.52	0	64.6	57.8	41.9	17.2	17.2
11A-NOON	1040	0.0	1079	0.0	1500	1040	0	1079	0.52	0	64.5	57.6	41.5	16.6	16.6
NOON-1PM	1157	0.0	1199	0.0	1500	1157	0	1199	0.58	0	64.2	56.7	39.9	15.6	15.6
1-2 PM	1258	0.0	1304	0.0	1500	1258	0	1304+	0.71	0	64.0	55.1	36.7	14.8	14.8
2-3 PM	1437	0.0	1490	0.0	1500	1437	0	1490+	0.94	0	63.7	52.5	32.1	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	OFF	722	0	749	0.00	0	65.0	65.0	65.0	19.1	19.1
8-9 PM	580	0.0	602	0.0	OFF	580	0	602	0.00	0	65.3	65.3	65.3	20.2	20.2
9-10 PM	458	0.0	475	0.0	OFF	458	0	475	0.00	0	65.5	65.5	65.5	21.2	21.2
10-11 PM	349	0.0	362	0.0	OFF	349	0	362	0.00	0	65.8	65.8	65.8	22.0	22.0
11PM-MID	235	0.0	244	0.0	OFF	235	0	244	0.00	0	66.0	66.0	66.0	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	0.0133
DIVERSION	0.1253

PIA: Personal Injury Accidents

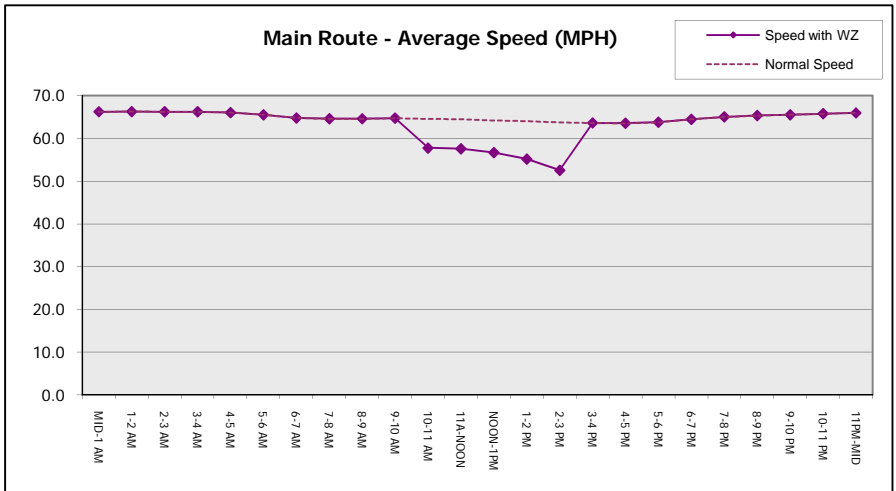
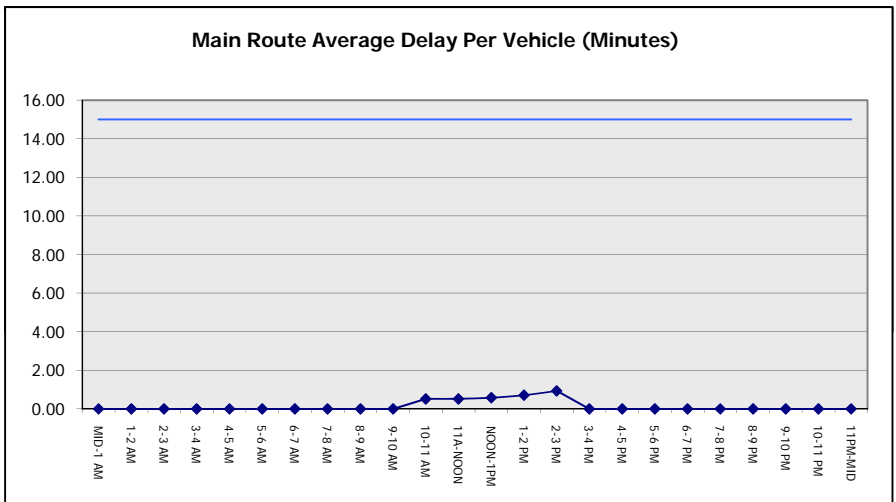
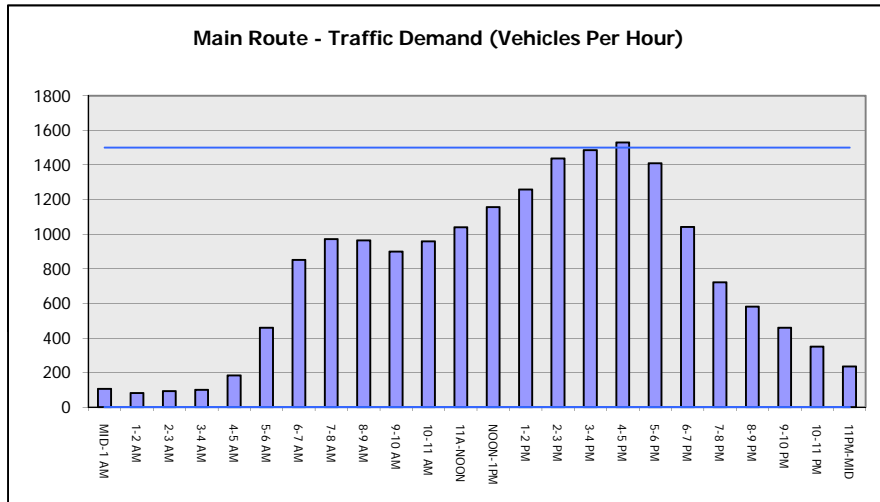
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$713
CONGESTED HOURS PER DAY*	0

*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
FRIDAY SOUTHBOUND DIRECTION



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

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	OFF	140	0	145	0.00	0	66.1	66.1	66.1	23.7	23.7
1-2 AM	113	0.0	116	0.0	OFF	113	0	116	0.00	0	66.2	66.2	66.2	24.0	24.0
2-3 AM	113	0.0	116	0.0	OFF	113	0	116	0.00	0	66.2	66.2	66.2	24.0	24.0
3-4 AM	142	0.0	147	0.0	OFF	142	0	147	0.00	0	66.1	66.1	66.1	23.7	23.7
4-5 AM	198	0.0	206	0.0	OFF	198	0	206	0.00	0	66.0	66.0	66.0	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	1500	1311	0	1359+	0.78	0	64.0	54.3	35.2	14.4	14.4
11A-NOON	1360	0.0	1411	0.0	1500	1360	0	1411+	0.84	0	63.8	53.6	33.9	14.0	14.0
NOON-1PM	1431	0.0	1485	0.0	1499	1431	0	1485+	0.94	0	63.7	52.6	32.3	13.5	13.5
1-2 PM	1623	0.0	1684	0.0	1499	1623	0	1684+	2.76	52	63.3	39.1	30.8	11.9	12.0
2-3 PM	1739	0.0	1803	0.0	1500	1739	0	1803+	9.19	231	63.2	20.6	30.8	11.8	11.8
3-4 PM	1965	0.0	2039	0.0	OFF	1965	0	2039+	0.53	32	62.7	56.1	56.1	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	OFF	1299	0	1346+	0.00	0	64.0	64.0	64.0	14.5	14.5
8-9 PM	858	0.0	890	0.0	OFF	858	0	890	0.00	0	64.8	64.8	64.8	18.0	18.0
9-10 PM	593	0.0	615	0.0	OFF	593	0	615	0.00	0	65.3	65.3	65.3	20.1	20.1
10-11 PM	403	0.0	418	0.0	OFF	403	0	418	0.00	0	65.6	65.6	65.6	21.6	21.6
11PM-MID	316	0.0	326	0.0	OFF	316	0	326	0.00	0	65.8	65.8	65.8	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	0.0177
DIVERSION	0.1660

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$4,511
CONGESTED HOURS PER DAY*	0

*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
FRIDAY NORTHBOUND DIRECTION

