

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	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	136	0.0	142	0.0	1500	136	0	142	0.44	0	66.1	60.0	45.0	23.7	23.7
1-2 AM	98	0.0	102	0.0	1500	98	0	102	0.43	0	66.2	60.1	45.1	24.0	24.0
2-3 AM	68	0.0	70	0.0	1500	68	0	70	0.43	0	66.3	60.2	45.2	24.3	24.3
3-4 AM	72	0.0	75	0.0	1500	72	0	75	0.43	0	66.3	60.2	45.2	24.3	24.3
4-5 AM	97	0.0	101	0.0	1500	97	0	101	0.43	0	66.2	60.1	45.1	24.1	24.1
5-6 AM	200	0.0	207	0.0	1500	200	0	207	0.44	0	66.0	59.8	44.7	23.2	23.2
6-7 AM	370	0.0	384	0.0	1500	370	0	384	0.46	0	65.7	59.4	44.0	21.9	21.9
7-8 AM	611	0.0	633	0.0	1500	611	0	633	0.48	0	65.3	58.7	43.1	20.0	20.0
8-9 AM	823	0.0	853	0.0	1500	823	0	853	0.50	0	64.8	58.1	42.3	18.3	18.3
9-10 AM	996	0.0	1034	0.0	1500	996	0	1034	0.52	0	64.5	57.7	41.7	16.9	16.9
10-11 AM	1158	0.0	1200	0.0	1500	1158	0	1200+	0.58	0	64.2	56.7	39.9	15.6	15.6
11A-NOON	1209	0.0	1255	0.0	1500	1209	0	1255+	0.65	0	64.1	55.9	38.1	15.2	15.2
NOON-1PM	1210	0.0	1255	0.0	1500	1210	0	1255+	0.65	0	64.1	55.9	38.1	15.2	15.2
1-2 PM	1238	0.0	1284	0.0	1500	1238	0	1284+	0.69	0	64.1	55.5	37.3	15.0	15.0
2-3 PM	1163	0.0	1207	0.0	1500	1163	0	1207+	0.59	0	64.2	56.6	39.7	15.6	15.6
3-4 PM	1192	0.0	1236	0.0	1500	1192	0	1236+	0.63	0	64.1	56.1	38.7	15.3	15.3
4-5 PM	1145	0.0	1188	0.0	1500	1145	0	1188	0.57	0	64.3	56.9	40.3	15.7	15.7
5-6 PM	1034	0.0	1071	0.0	1500	1034	0	1071	0.52	0	64.5	57.6	41.5	16.6	16.6
6-7 PM	865	0.0	898	0.0	1500	865	0	898	0.51	0	64.8	58.0	42.2	17.9	17.9
7-8 PM	719	0.0	745	0.0	1500	719	0	745	0.49	0	65.0	58.4	42.7	19.1	19.1
8-9 PM	603	0.0	625	0.0	1500	603	0	625	0.48	0	65.3	58.7	43.1	20.1	20.1
9-10 PM	471	0.0	488	0.0	1500	471	0	488	0.47	0	65.5	59.1	43.6	21.1	21.1
10-11 PM	378	0.0	392	0.0	1500	378	0	392	0.46	0	65.7	59.3	44.0	21.9	21.9
11PM-MID	255	0.0	264	0.0	1500	255	0	264	0.45	0	65.9	59.7	44.5	22.8	22.8

+ 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	0.0120
MAIN ROUTE WITH WORKS	0.0110
DIVERSION	0.1099

PIA: Personal Injury Accidents

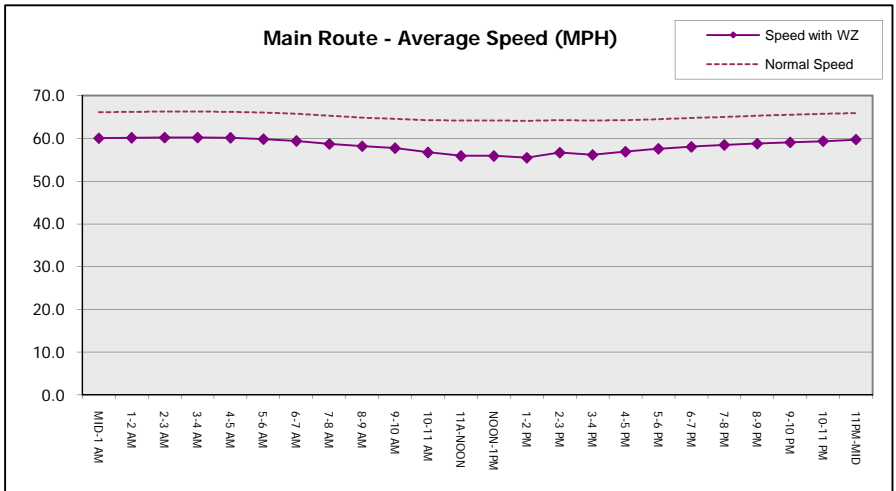
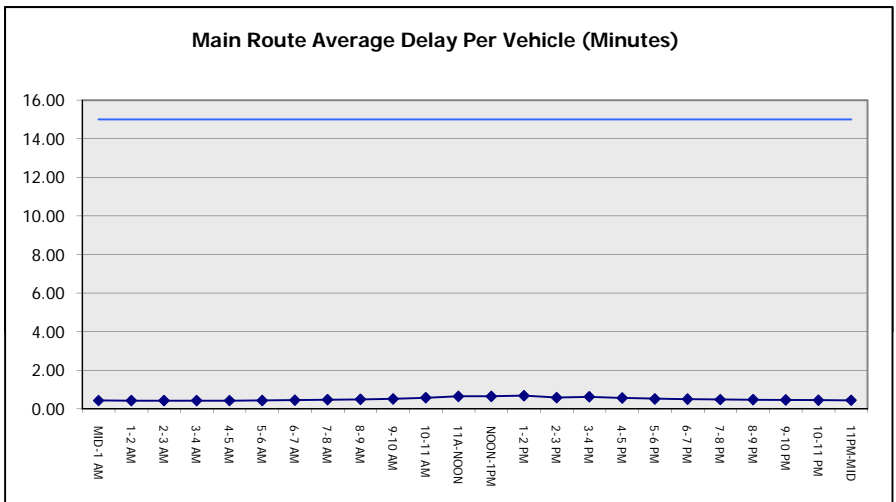
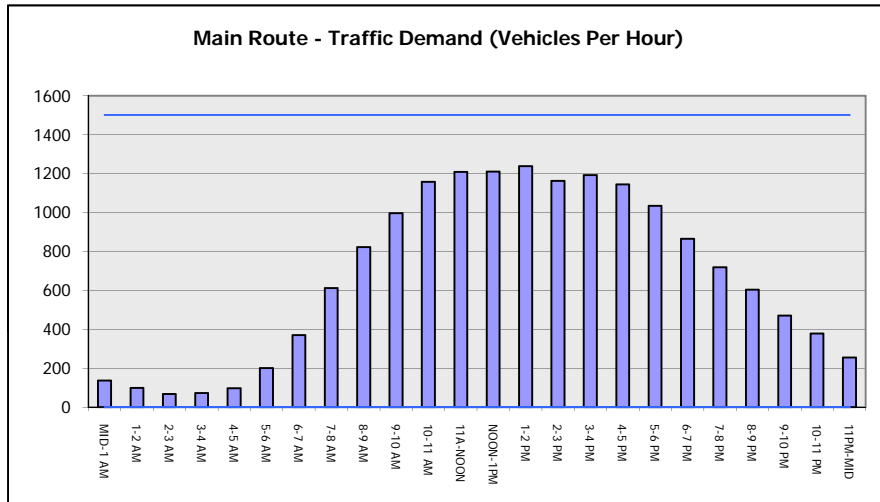
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,321
CONGESTED HOURS PER DAY*	0

*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
SATURDAY SOUTHBOUND DIRECTION



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

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	185	0.0	191	0.0	1500	185	0	191	0.44	0	66.0	59.9	44.8	23.3	23.3
1-2 AM	117	0.0	121	0.0	1500	117	0	121	0.43	0	66.2	60.1	45.0	23.9	23.9
2-3 AM	106	0.0	110	0.0	1500	106	0	110	0.43	0	66.2	60.1	45.1	24.0	24.0
3-4 AM	97	0.0	101	0.0	1500	97	0	101	0.43	0	66.2	60.1	45.1	24.1	24.1
4-5 AM	140	0.0	145	0.0	1500	140	0	145	0.44	0	66.1	60.0	44.9	23.7	23.7
5-6 AM	230	0.0	240	0.0	1500	230	0	240	0.44	0	66.0	59.7	44.6	23.0	23.0
6-7 AM	439	0.0	455	0.0	1500	439	0	455	0.47	0	65.6	59.2	43.7	21.4	21.4
7-8 AM	660	0.0	685	0.0	1500	660	0	685	0.49	0	65.1	58.6	42.9	19.6	19.6
8-9 AM	915	0.0	948	0.0	1500	915	0	948	0.51	0	64.7	57.9	42.0	17.6	17.6
9-10 AM	1224	0.0	1269	0.0	1500	1224	0	1269+	0.67	0	64.1	55.6	37.7	15.1	15.1
10-11 AM	1383	0.0	1434	0.0	1500	1383	0	1434+	0.87	0	63.8	53.3	33.4	13.8	13.8
11A-NOON	1459	0.0	1513	0.0	1500	1459	0	1513+	0.97	0	63.7	52.2	31.7	13.2	13.2
NOON-1PM	1365	0.0	1417	0.0	1500	1365	0	1417+	0.85	0	63.8	53.5	33.8	14.0	14.0
1-2 PM	1229	0.0	1275	0.0	1500	1229	0	1275+	0.67	0	64.1	55.6	37.6	15.1	15.1
2-3 PM	1182	0.0	1226	0.0	1500	1182	0	1226+	0.61	0	64.2	56.3	39.1	15.4	15.4
3-4 PM	1153	0.0	1197	0.0	1500	1153	0	1197	0.58	0	64.2	56.8	40.0	15.6	15.6
4-5 PM	1177	0.0	1221	0.0	1500	1177	0	1221+	0.61	0	64.2	56.4	39.2	15.5	15.5
5-6 PM	1049	0.0	1088	0.0	1500	1049	0	1088	0.52	0	64.5	57.6	41.5	16.5	16.5
6-7 PM	858	0.0	890	0.0	1500	858	0	890	0.51	0	64.8	58.1	42.2	18.0	18.0
7-8 PM	706	0.0	732	0.0	1500	706	0	732	0.49	0	65.1	58.4	42.7	19.3	19.3
8-9 PM	595	0.0	618	0.0	1500	595	0	618	0.48	0	65.3	58.7	43.2	20.1	20.1
9-10 PM	488	0.0	507	0.0	1500	488	0	507	0.47	0	65.5	59.1	43.5	20.9	20.9
10-11 PM	430	0.0	446	0.0	1500	430	0	446	0.46	0	65.6	59.2	43.8	21.4	21.4
11PM-MID	363	0.0	377	0.0	1500	363	0	377	0.46	0	65.7	59.4	44.0	21.9	21.9

+ 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	0.0131
MAIN ROUTE WITH WORKS	0.0120
DIVERSION	0.1197

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,866
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
SATURDAY NORTHBOUND DIRECTION

