

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	OCTOBER
	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	162	0.0	168	0.0	1500	162	0	168	0.44	0	66.1	59.9	44.8	23.5	23.5
1-2 AM	115	0.0	120	0.0	1500	115	0	120	0.43	0	66.2	60.1	45.0	23.9	23.9
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	78	0.0	81	0.0	1500	78	0	81	0.43	0	66.3	60.2	45.2	24.2	24.2
4-5 AM	118	0.0	122	0.0	1500	118	0	122	0.43	0	66.1	60.1	45.0	23.9	23.9
5-6 AM	207	0.0	214	0.0	1500	207	0	214	0.44	0	66.0	59.8	44.6	23.2	23.2
6-7 AM	363	0.0	377	0.0	1500	363	0	377	0.46	0	65.7	59.4	44.0	21.9	21.9
7-8 AM	602	0.0	624	0.0	1500	602	0	624	0.48	0	65.3	58.7	43.1	20.1	20.1
8-9 AM	825	0.0	856	0.0	1500	825	0	856	0.50	0	64.8	58.1	42.3	18.3	18.3
9-10 AM	1027	0.0	1065	0.0	1500	1027	0	1065	0.52	0	64.5	57.6	41.6	16.6	16.6
10-11 AM	1212	0.0	1257	0.0	1500	1212	0	1257+	0.65	0	64.1	55.8	38.1	15.2	15.2
11A-NOON	1232	0.0	1278	0.0	1500	1232	0	1278+	0.68	0	64.1	55.5	37.4	15.0	15.0
NOON-1PM	1224	0.0	1269	0.0	1500	1224	0	1269+	0.67	0	64.1	55.6	37.7	15.1	15.1
1-2 PM	1170	0.0	1213	0.0	1500	1170	0	1213+	0.60	0	64.2	56.5	39.4	15.5	15.5
2-3 PM	1242	0.0	1288	0.0	1500	1242	0	1288+	0.69	0	64.1	55.4	37.1	15.0	15.0
3-4 PM	1181	0.0	1225	0.0	1500	1181	0	1225+	0.61	0	64.2	56.3	39.1	15.5	15.5
4-5 PM	1192	0.0	1236	0.0	1500	1192	0	1236+	0.63	0	64.1	56.1	38.7	15.3	15.3
5-6 PM	1075	0.0	1116	0.0	1500	1075	0	1116	0.53	0	64.4	57.4	41.4	16.3	16.3
6-7 PM	896	0.0	929	0.0	1500	896	0	929	0.51	0	64.7	57.9	42.0	17.7	17.7
7-8 PM	757	0.0	785	0.0	1500	757	0	785	0.50	0	65.0	58.3	42.5	18.8	18.8
8-9 PM	675	0.0	700	0.0	1500	675	0	700	0.49	0	65.1	58.5	42.8	19.5	19.5
9-10 PM	550	0.0	570	0.0	1500	550	0	570	0.48	0	65.4	58.9	43.3	20.5	20.5
10-11 PM	400	0.0	414	0.0	1500	400	0	414	0.46	0	65.6	59.2	43.9	21.7	21.7
11PM-MID	239	0.0	248	0.0	1500	239	0	248	0.45	0	66.0	59.7	44.5	22.9	22.9

+ 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	0.0124
MAIN ROUTE WITH WORKS	0.0113
DIVERSION	0.1135

PIA: Personal Injury Accidents

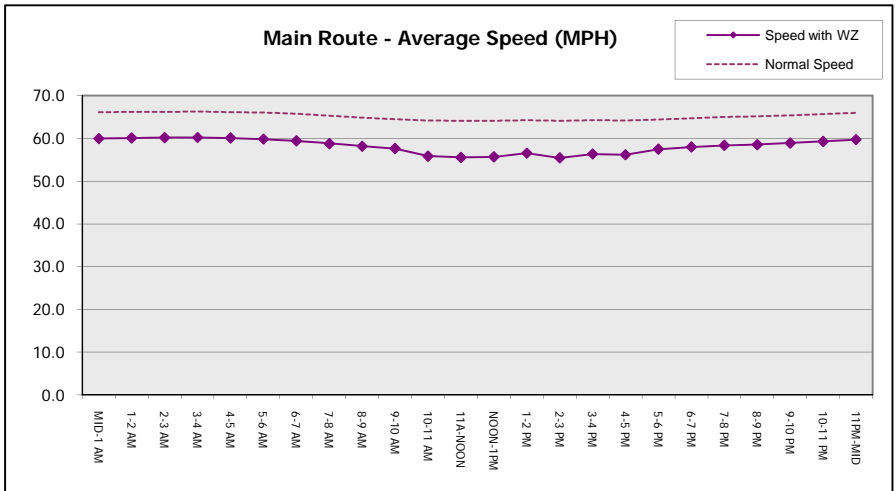
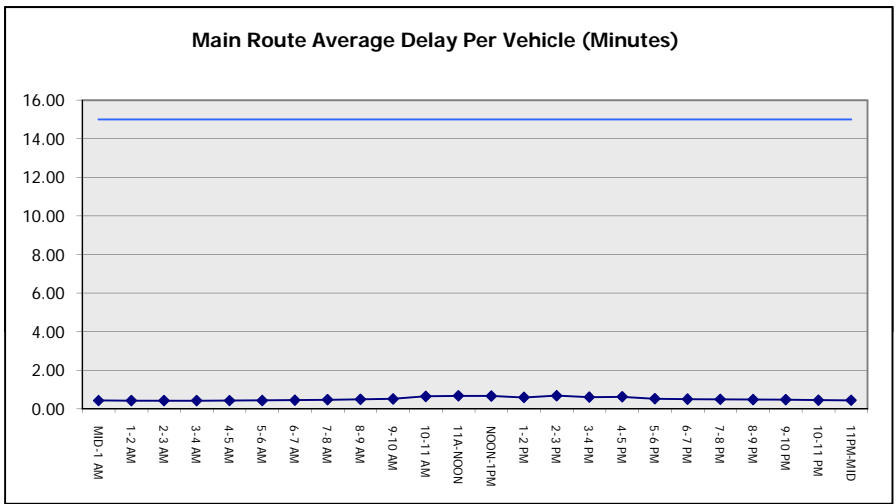
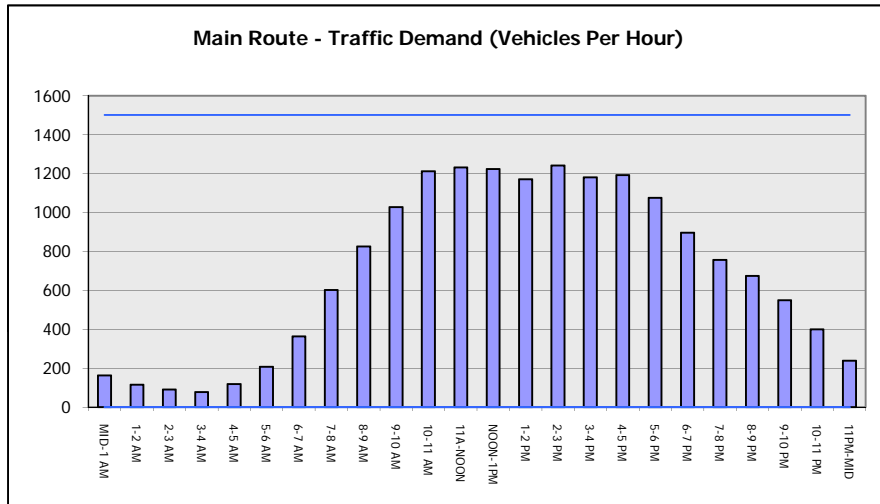
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,445
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

OCTOBER
 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	OCTOBER
	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	225	0.0	233	0.0	1500	225	0	233	0.44	0	66.0	59.7	44.6	23.0	23.0
1-2 AM	136	0.0	141	0.0	1500	136	0	141	0.44	0	66.1	60.0	45.0	23.8	23.8
2-3 AM	109	0.0	112	0.0	1500	109	0	112	0.43	0	66.2	60.1	45.1	24.0	24.0
3-4 AM	109	0.0	112	0.0	1500	109	0	112	0.43	0	66.2	60.1	45.1	24.0	24.0
4-5 AM	155	0.0	162	0.0	1500	155	0	162	0.44	0	66.1	59.9	44.8	23.6	23.6
5-6 AM	263	0.0	273	0.0	1500	263	0	273	0.45	0	65.9	59.6	44.4	22.7	22.7
6-7 AM	501	0.0	520	0.0	1500	501	0	520	0.47	0	65.5	59.0	43.5	20.9	20.9
7-8 AM	854	0.0	887	0.0	1500	854	0	887	0.51	0	64.8	58.1	42.2	18.0	18.0
8-9 AM	1078	0.0	1119	0.0	1500	1078	0	1119	0.53	0	64.4	57.4	41.4	16.3	16.3
9-10 AM	1273	0.0	1321	0.0	1500	1273	0	1321+	0.73	0	64.0	54.9	36.3	14.7	14.7
10-11 AM	1415	0.0	1468	0.0	1500	1415	0	1468+	0.91	0	63.8	52.8	32.6	13.6	13.6
11A-NOON	1412	0.0	1465	0.0	1500	1412	0	1465+	0.91	0	63.8	52.8	32.7	13.6	13.6
NOON-1PM	1338	0.0	1388	0.0	1500	1338	0	1388+	0.82	0	63.9	53.9	34.5	14.2	14.2
1-2 PM	1243	0.0	1289	0.0	1500	1243	0	1289+	0.69	0	64.1	55.3	37.1	15.0	15.0
2-3 PM	1150	0.0	1194	0.0	1500	1150	0	1194	0.57	0	64.2	56.8	40.1	15.7	15.7
3-4 PM	1066	0.0	1107	0.0	1500	1066	0	1107	0.53	0	64.4	57.5	41.4	16.3	16.3
4-5 PM	1048	0.0	1087	0.0	1500	1048	0	1087	0.52	0	64.5	57.6	41.5	16.5	16.5
5-6 PM	940	0.0	975	0.0	1500	940	0	975	0.51	0	64.6	57.8	41.9	17.4	17.4
6-7 PM	788	0.0	818	0.0	1500	788	0	818	0.50	0	64.9	58.2	42.4	18.6	18.6
7-8 PM	725	0.0	752	0.0	1500	725	0	752	0.49	0	65.0	58.4	42.7	19.1	19.1
8-9 PM	623	0.0	646	0.0	1500	623	0	646	0.48	0	65.2	58.7	43.0	19.9	19.9
9-10 PM	535	0.0	554	0.0	1500	535	0	554	0.47	0	65.4	58.9	43.3	20.6	20.6
10-11 PM	399	0.0	413	0.0	1500	399	0	413	0.46	0	65.6	59.2	43.9	21.7	21.7
11PM-MID	258	0.0	268	0.0	1500	258	0	268	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	0.0132
MAIN ROUTE WITH WORKS	0.0120
DIVERSION	0.1204

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,826
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

OCTOBER
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SATURDAY NORTHBOUND DIRECTION

