

USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES) NIGHTTIME 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	395	0.0	1500	395	0	0.52	0	70.2	58.6	43.9
1-2 AM	254	0.0	1500	254	0	0.50	0	70.2	59.0	44.5
2-3 AM	225	0.0	1500	225	0	0.50	0	70.2	59.1	44.6
3-4 AM	154	0.0	1500	154	0	0.49	0	70.2	59.2	44.8
4-5 AM	226	0.0	1500	226	0	0.50	0	70.2	59.1	44.6
5-6 AM	392	0.0	1500	392	0	0.52	0	70.2	58.6	43.9
6-7 AM	667	0.0	1500	667	0	0.55	0	69.9	57.9	42.8
7-8 AM	1082	0.0	1499	1082	0	0.63	0	69.4	56.1	40.4
8-9 AM	1472	0.0	OFF	1472	0	0.00	0	68.9	68.9	68.9
9-10 AM	1690	0.0	OFF	1690	0	0.00	0	68.6	68.6	68.6
10-11 AM	2018	0.0	OFF	2018	0	0.00	0	68.2	68.2	68.2
11AM-NOON	2077	0.0	OFF	2077	0	0.00	0	68.1	68.1	68.1
NOON-1PM	2235	0.0	OFF	2235	0	0.00	0	67.9	67.9	67.9
1-2 PM	2202	0.0	OFF	2202	0	0.00	0	68.0	68.0	68.0
2-3 PM	2283	0.0	OFF	2283	0	0.00	0	67.9	67.9	67.9
3-4 PM	2304	0.0	OFF	2304	0	0.00	0	67.9	67.9	67.9
4-5 PM	2174	0.0	OFF	2174	0	0.00	0	68.1	68.1	68.1
5-6 PM	2117	0.0	OFF	2117	0	0.00	0	68.1	68.1	68.1
6-7 PM	1704	0.0	1499	1704	0	5.32	122	68.6	23.2	30.8
7-8 PM	1459	0.0	1499	1459	0	8.46	193	68.9	16.6	30.8
8-9 PM	1372	0.0	1499	1372	0	4.76	102	69.1	25.0	31.3
9-10 PM	1319	0.0	1500	1319	0	1.02	4	69.1	50.2	34.8
10-11 PM	957	0.0	1500	957	0	0.58	0	69.6	57.1	41.9
11PM-MID	583	0.0	1500	583	0	0.54	0	70.0	58.1	43.2

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

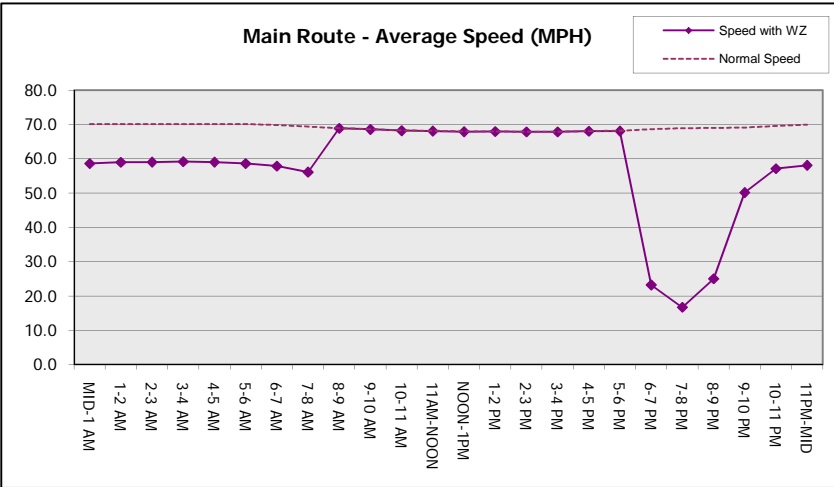
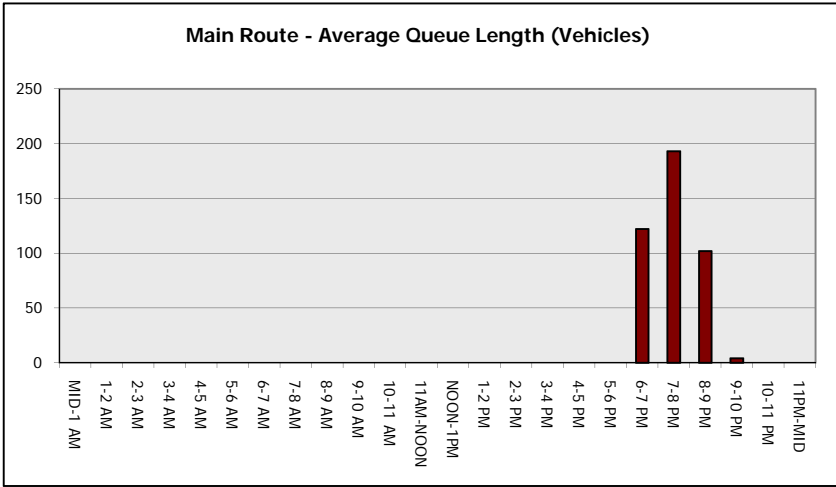
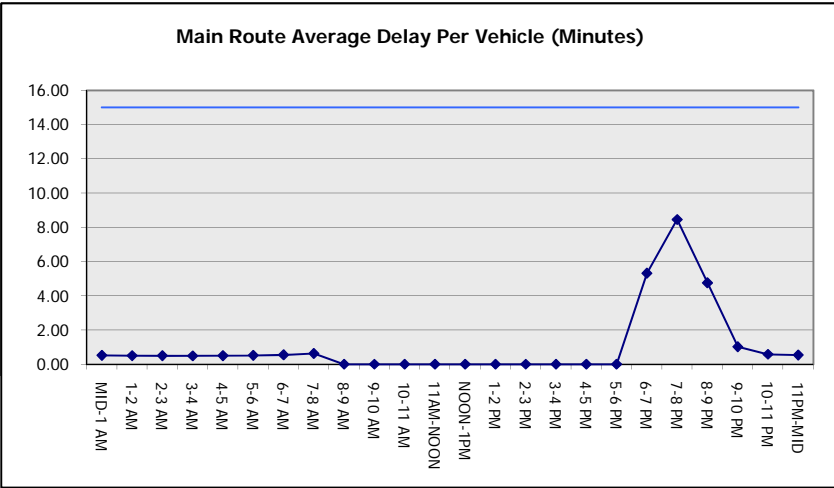
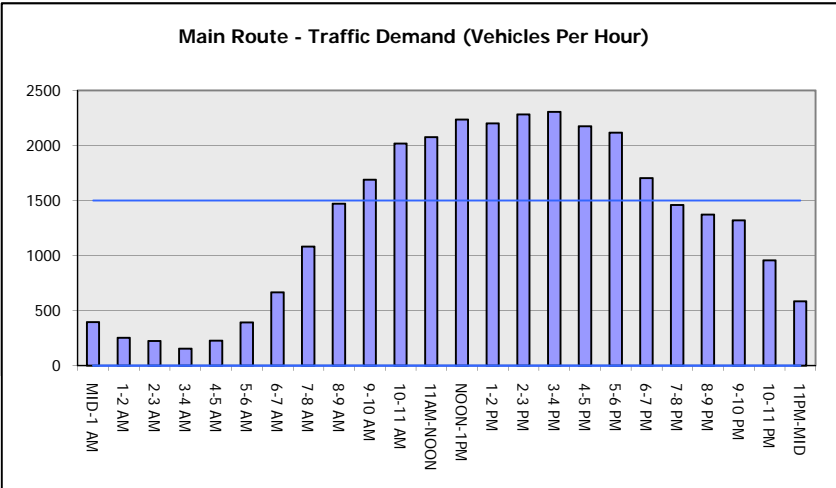
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0155
MAIN ROUTE WITH WORKS	0.0148
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$8,904
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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 NIGHTTIME 2 LANE CLOSURE
 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES) NIGHTTIME 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH			
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	409	0.0	1500	409	0	0.52	0	70.2	58.6	43.8
1-2 AM	278	0.0	1500	278	0	0.51	0	70.2	58.9	44.4
2-3 AM	231	0.0	1500	231	0	0.50	0	70.2	59.0	44.6
3-4 AM	152	0.0	1500	152	0	0.49	0	70.2	59.2	44.9
4-5 AM	186	0.0	1500	186	0	0.50	0	70.2	59.1	44.7
5-6 AM	328	0.0	1500	328	0	0.51	0	70.2	58.8	44.2
6-7 AM	657	0.0	1500	657	0	0.55	0	69.9	57.9	42.9
7-8 AM	1135	0.0	1499	1135	0	0.68	0	69.3	55.3	39.2
8-9 AM	1624	0.0	OFF	1624	0	0.00	0	68.7	68.7	68.7
9-10 AM	1991	0.0	OFF	1991	0	0.00	0	68.2	68.2	68.2
10-11 AM	2359	0.0	OFF	2359	0	0.00	0	67.8	67.8	67.8
11AM-NOON	2603	0.0	OFF	2603	0	0.00	0	67.5	67.5	67.5
NOON-1PM	2640	0.0	OFF	2640	0	0.00	0	67.4	67.4	67.4
1-2 PM	2509	0.0	OFF	2509	0	0.00	0	67.6	67.6	67.6
2-3 PM	2484	0.0	OFF	2484	0	0.00	0	67.6	67.6	67.6
3-4 PM	2347	0.0	OFF	2347	0	0.00	0	67.8	67.8	67.8
4-5 PM	2311	0.0	OFF	2311	0	0.00	0	67.9	67.9	67.9
5-6 PM	2160	0.0	OFF	2160	0	0.00	0	68.1	68.1	68.1
6-7 PM	1813	0.0	1499	1813	0	7.16	181	68.5	18.8	30.8
7-8 PM	1366	0.0	1499	1366	0	11.22	269	69.1	13.4	30.8
8-9 PM	1057	0.0	1500	1057	0	1.59	41	69.4	43.5	39.3
9-10 PM	902	0.0	1500	902	0	0.58	0	69.6	57.3	42.0
10-11 PM	772	0.0	1500	772	0	0.56	0	69.8	57.6	42.5
11PM-MID	539	0.0	1500	539	0	0.54	0	70.0	58.2	43.3

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0162
MAIN ROUTE WITH WORKS	0.0156
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$9,218
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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