

USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES) CONTINUOUS (24 HOUR) 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	3000	395	0	0.36	0	70.2	61.8	49.7
1-2 AM	254	0.0	3000	254	0	0.36	0	70.2	61.8	49.7
2-3 AM	225	0.0	3000	225	0	0.36	0	70.2	61.8	49.7
3-4 AM	154	0.0	3000	154	0	0.36	0	70.2	61.8	49.7
4-5 AM	226	0.0	3000	226	0	0.36	0	70.2	61.8	49.7
5-6 AM	392	0.0	3000	392	0	0.36	0	70.2	61.8	49.7
6-7 AM	667	0.0	3000	667	0	0.36	0	69.9	61.7	49.7
7-8 AM	1082	0.0	3000	1082	0	0.35	0	69.4	61.4	49.7
8-9 AM	1472	0.0	3000	1472	0	0.34	0	68.9	61.1	49.7
9-10 AM	1690	0.0	3000	1690	0	0.34	0	68.6	61.0	49.7
10-11 AM	2018	0.0	3000	2018	0	0.33	0	68.2	60.8	49.7
11AM-NOON	2077	0.0	3000	2077	0	0.33	0	68.1	60.7	49.7
NOON-1PM	2235	0.0	3000	2235	0	0.33	0	67.9	60.6	49.7
1-2 PM	2202	0.0	3000	2202	0	0.33	0	68.0	60.7	49.7
2-3 PM	2283	0.0	3000	2283	0	0.33	0	67.9	60.6	49.7
3-4 PM	2304	0.0	3000	2304	0	0.33	0	67.9	60.6	49.7
4-5 PM	2174	0.0	3000	2174	0	0.33	0	68.1	60.7	49.7
5-6 PM	2117	0.0	3000	2117	0	0.33	0	68.1	60.7	49.7
6-7 PM	1704	0.0	3000	1704	0	0.34	0	68.6	61.0	49.7
7-8 PM	1459	0.0	3000	1459	0	0.34	0	68.9	61.2	49.7
8-9 PM	1372	0.0	3000	1372	0	0.34	0	69.1	61.2	49.7
9-10 PM	1319	0.0	3000	1319	0	0.35	0	69.1	61.2	49.7
10-11 PM	957	0.0	3000	957	0	0.35	0	69.6	61.5	49.7
11PM-MID	583	0.0	3000	583	0	0.36	0	70.0	61.7	49.7

----- 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

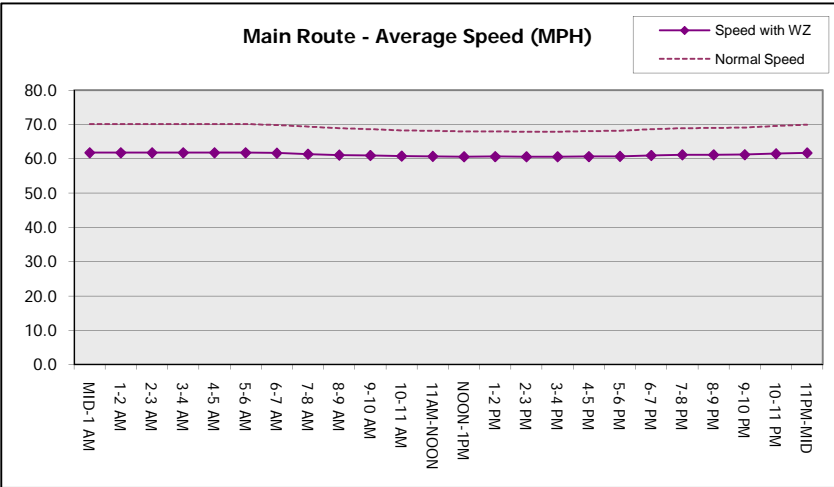
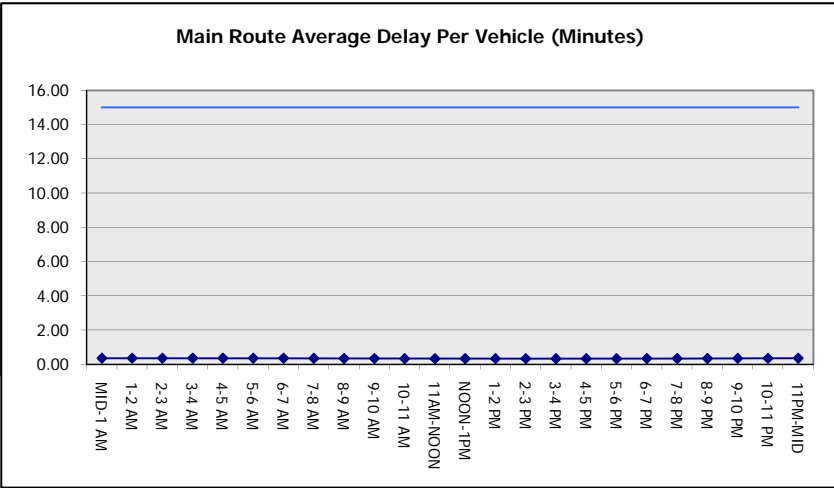
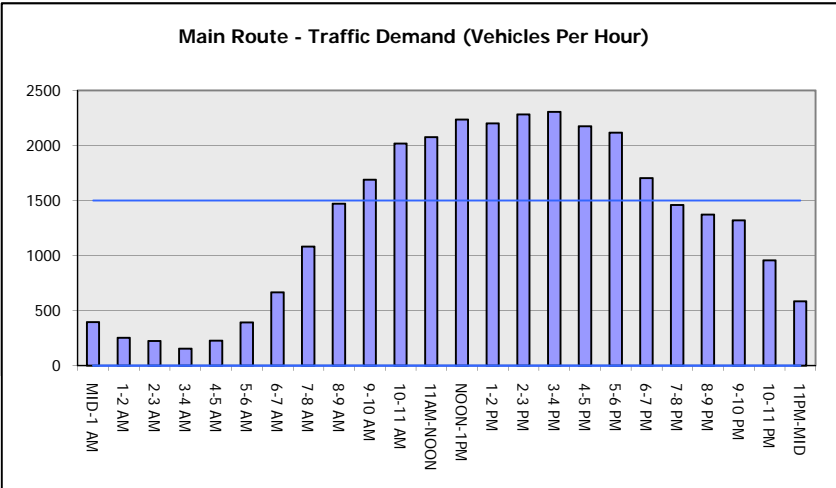
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0155
MAIN ROUTE WITH WORKS	0.0134
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,601
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



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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	3000	409	0	0.36	0	70.2	61.8	49.7
1-2 AM	278	0.0	3000	278	0	0.36	0	70.2	61.8	49.7
2-3 AM	231	0.0	3000	231	0	0.36	0	70.2	61.8	49.7
3-4 AM	152	0.0	3000	152	0	0.36	0	70.2	61.8	49.7
4-5 AM	186	0.0	3000	186	0	0.36	0	70.2	61.8	49.7
5-6 AM	328	0.0	3000	328	0	0.36	0	70.2	61.8	49.7
6-7 AM	657	0.0	3000	657	0	0.36	0	69.9	61.7	49.7
7-8 AM	1135	0.0	3000	1135	0	0.35	0	69.3	61.4	49.7
8-9 AM	1624	0.0	3000	1624	0	0.34	0	68.7	61.0	49.7
9-10 AM	1991	0.0	3000	1991	0	0.33	0	68.2	60.8	49.7
10-11 AM	2359	0.0	3000	2359	0	0.33	0	67.8	60.5	49.7
11AM-NOON	2603	0.0	3000	2603	0	0.47	0	67.5	57.7	44.5
NOON-1PM	2640	0.0	3000	2640	0	0.49	0	67.4	57.2	43.7
1-2 PM	2509	0.0	3000	2509	0	0.41	0	67.6	58.9	46.6
2-3 PM	2484	0.0	3000	2484	0	0.39	0	67.6	59.2	47.2
3-4 PM	2347	0.0	3000	2347	0	0.33	0	67.8	60.5	49.7
4-5 PM	2311	0.0	3000	2311	0	0.33	0	67.9	60.5	49.7
5-6 PM	2160	0.0	3000	2160	0	0.33	0	68.1	60.7	49.7
6-7 PM	1813	0.0	3000	1813	0	0.34	0	68.5	60.9	49.7
7-8 PM	1366	0.0	3000	1366	0	0.34	0	69.1	61.2	49.7
8-9 PM	1057	0.0	3000	1057	0	0.35	0	69.4	61.4	49.7
9-10 PM	902	0.0	3000	902	0	0.35	0	69.6	61.5	49.7
10-11 PM	772	0.0	3000	772	0	0.35	0	69.8	61.6	49.7
11PM-MID	539	0.0	3000	539	0	0.36	0	70.0	61.7	49.7

----- 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	0.0140
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,996
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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