

<b>USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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		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	288	0.0	3000	288	0	0.36	0	70.2	61.8	49.7
1-2 AM	195	0.0	3000	195	0	0.36	0	70.2	61.8	49.7
2-3 AM	211	0.0	3000	211	0	0.36	0	70.2	61.8	49.7
3-4 AM	209	0.0	3000	209	0	0.36	0	70.2	61.8	49.7
4-5 AM	382	0.0	3000	382	0	0.36	0	70.2	61.8	49.7
5-6 AM	1146	0.0	OFF	1146	0	0.00	0	69.3	69.3	69.3
6-7 AM	2231	0.0	OFF	2231	0	0.00	0	67.9	67.9	67.9
7-8 AM	3412	0.0	OFF	3412	0	0.00	0	66.5	66.5	66.5
8-9 AM	2387	0.0	OFF	2387	0	0.00	0	67.8	67.8	67.8
9-10 AM	1974	0.0	OFF	1974	0	0.00	0	68.3	68.3	68.3
10-11 AM	2080	0.0	OFF	2080	0	0.00	0	68.1	68.1	68.1
11AM-NOON	2387	0.0	OFF	2387	0	0.00	0	67.8	67.8	67.8
NOON-1PM	2655	0.0	OFF	2655	0	0.00	0	67.4	67.4	67.4
1-2 PM	2986	0.0	OFF	2986	0	0.00	0	67.0	67.0	67.0
2-3 PM	3100	0.0	OFF	3100	0	0.00	0	66.9	66.9	66.9
3-4 PM	3259	0.0	OFF	3259	0	0.00	0	66.7	66.7	66.7
4-5 PM	3629	0.0	OFF	3629	0	0.00	0	66.1	66.1	66.1
5-6 PM	3241	0.0	OFF	3241	0	0.00	0	66.7	66.7	66.7
6-7 PM	2163	0.0	OFF	2163	0	0.00	0	68.1	68.1	68.1
7-8 PM	1632	0.0	3000	1632	0	0.34	0	68.7	61.0	49.7
8-9 PM	1554	0.0	3000	1554	0	0.34	0	68.8	61.1	49.7
9-10 PM	1431	0.0	3000	1431	0	0.34	0	68.9	61.2	49.7
10-11 PM	1060	0.0	3000	1060	0	0.35	0	69.4	61.4	49.7
11PM-MID	636	0.0	3000	636	0	0.36	0	69.9	61.7	49.7

"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	0.0218
MAIN ROUTE WITH WORKS	0.0213
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$543
CONGESTED HOURS PER DAY*	0

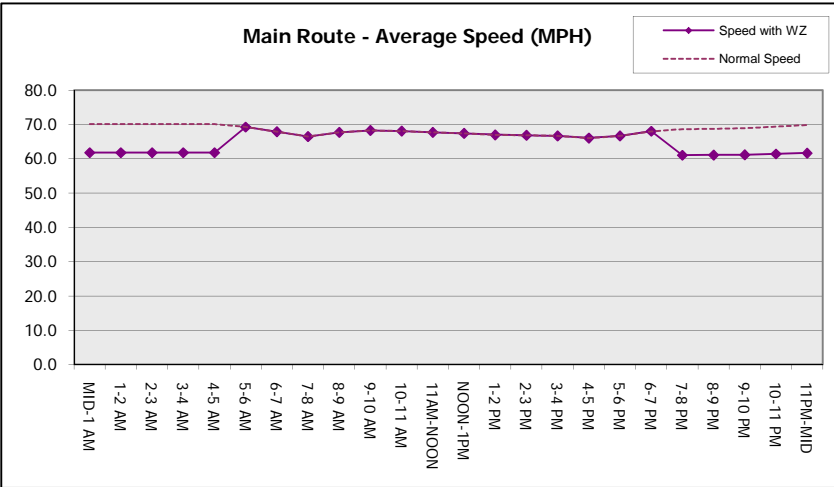
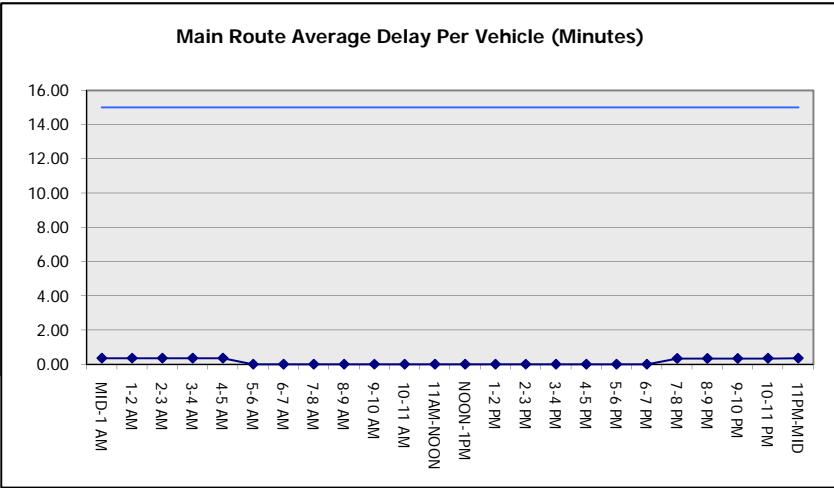
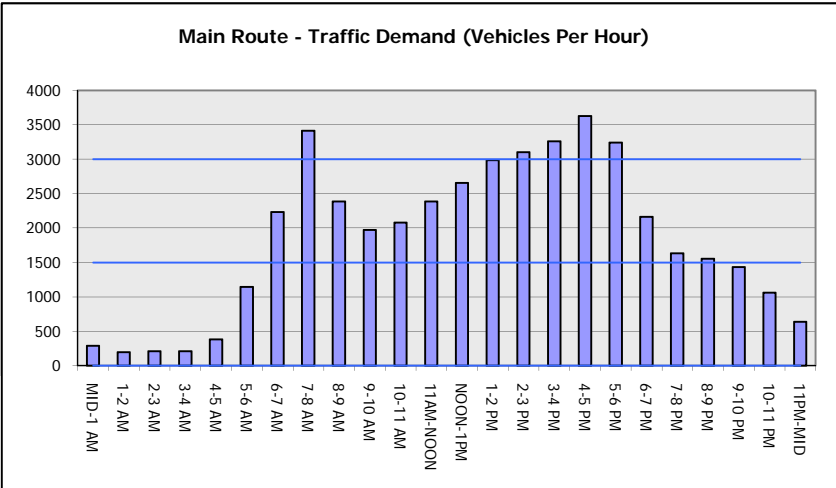
\*Delays Exceeding User-Specified Maximum

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

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**FRIDAY SOUTHBOUND DIRECTION**



<b>USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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 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	315	0.0	3000	315	0	0.36	0	70.2	61.8	49.7
1-2 AM	241	0.0	3000	241	0	0.36	0	70.2	61.8	49.7
2-3 AM	202	0.0	3000	202	0	0.36	0	70.2	61.8	49.7
3-4 AM	185	0.0	3000	185	0	0.36	0	70.2	61.8	49.7
4-5 AM	384	0.0	3000	384	0	0.36	0	70.2	61.8	49.7
5-6 AM	868	0.0	OFF	868	0	0.00	0	69.7	69.7	69.7
6-7 AM	1780	0.0	OFF	1780	0	0.00	0	68.5	68.5	68.5
7-8 AM	3042	0.0	OFF	3042	0	0.00	0	66.9	66.9	66.9
8-9 AM	2449	0.0	OFF	2449	0	0.00	0	67.7	67.7	67.7
9-10 AM	2259	0.0	OFF	2259	0	0.00	0	67.9	67.9	67.9
10-11 AM	2487	0.0	OFF	2487	0	0.00	0	67.6	67.6	67.6
11AM-NOON	2728	0.0	OFF	2728	0	0.00	0	67.3	67.3	67.3
NOON-1PM	2809	0.0	OFF	2809	0	0.00	0	67.3	67.3	67.3
1-2 PM	2789	0.0	OFF	2789	0	0.00	0	67.3	67.3	67.3
2-3 PM	3287	0.0	OFF	3287	0	0.00	0	66.6	66.6	66.6
3-4 PM	3755	0.0	OFF	3755	0	0.00	0	65.2	65.2	65.2
4-5 PM	4186	0.0	OFF	4186	0	0.00	0	62.2	62.2	62.2
5-6 PM	3620	0.0	OFF	3620	0	0.00	0	66.1	66.1	66.1
6-7 PM	2792	0.0	OFF	2792	0	0.00	0	67.3	67.3	67.3
7-8 PM	2144	0.0	3000	2144	0	0.33	0	68.1	60.7	49.7
8-9 PM	1619	0.0	3000	1619	0	0.34	0	68.7	61.0	49.7
9-10 PM	1225	0.0	3000	1225	0	0.35	0	69.2	61.3	49.7
10-11 PM	983	0.0	3000	983	0	0.35	0	69.5	61.5	49.7
11PM-MID	696	0.0	3000	696	0	0.36	0	69.9	61.7	49.7

"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	0.0231
MAIN ROUTE WITH WORKS	0.0226
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$569
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY NORTHBOUND DIRECTION**

