

<b>USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES)</b> <b>NIGHTTIME 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	418	0.0	1500	418	0	0.52	0	70.2	58.6	43.8	
1-2 AM	264	0.0	1500	264	0	0.50	0	70.2	58.9	44.4	
2-3 AM	279	0.0	1500	279	0	0.51	0	70.2	59.2	44.8	
3-4 AM	155	0.0	1500	155	0	0.49	0	70.2	59.2	44.9	
4-5 AM	140	0.0	1500	140	0	0.49	0	70.2	59.1	44.6	
5-6 AM	224	0.0	1500	224	0	0.50	0	70.2	58.7	44.0	
6-7 AM	377	0.0	1500	377	0	0.52	0	70.0	58.2	43.3	
7-8 AM	557	0.0	1500	557	0	0.54	0	69.6	57.2	41.9	
8-9 AM	932	0.0	1500	932	0	0.58	0	69.1	69.1	69.1	
9-10 AM	1373	0.0	OFF	1373	0	0.00	0	68.6	68.6	68.6	
10-11 AM	1763	0.0	OFF	1763	0	0.00	0	68.1	68.1	68.1	
11AM-NOON	2118	0.0	OFF	2118	0	0.00	0	67.7	67.7	67.7	
NOON-1PM	2460	0.0	OFF	2460	0	0.00	0	67.7	67.7	67.7	
1-2 PM	2438	0.0	OFF	2438	0	0.00	0	67.7	67.7	67.7	
2-3 PM	2448	0.0	OFF	2448	0	0.00	0	67.7	67.7	67.7	
3-4 PM	2482	0.0	OFF	2482	0	0.00	0	67.6	67.6	67.6	
4-5 PM	2475	0.0	OFF	2475	0	0.00	0	67.7	67.7	67.7	
5-6 PM	2272	0.0	OFF	2272	0	0.00	0	67.9	67.9	67.9	
6-7 PM	1799	0.0	OFF	1799	0	0.00	0	68.5	68.5	68.5	
7-8 PM	1482	0.0	1499	1482	0	1.60	15	68.9	43.2	31.7	
8-9 PM	1071	0.0	1500	1071	0	0.59	0	69.4	56.8	41.4	
9-10 PM	902	0.0	1500	902	0	0.58	0	69.6	57.3	42.0	
10-11 PM	607	0.0	1500	607	0	0.54	0	70.0	58.1	43.1	
11PM-MID	341	0.0	1500	341	0	0.51	0	70.2	58.7	44.2	

"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	0.0145
MAIN ROUTE WITH WORKS	0.0140
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,392
CONGESTED HOURS PER DAY*	0

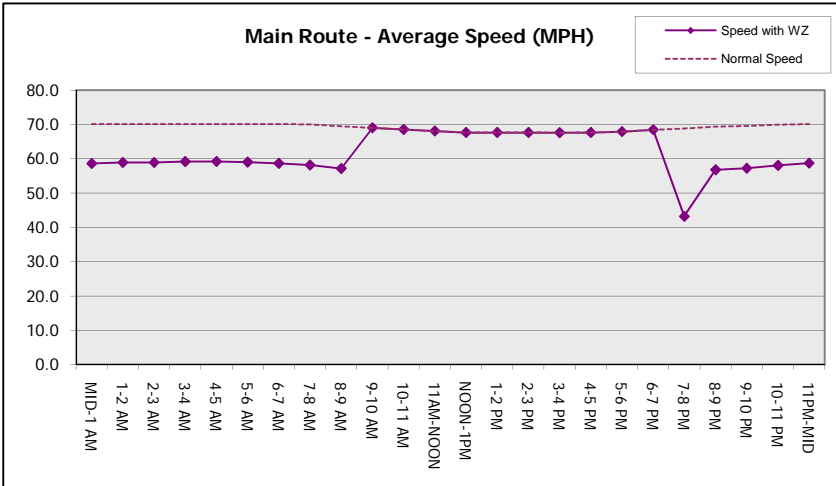
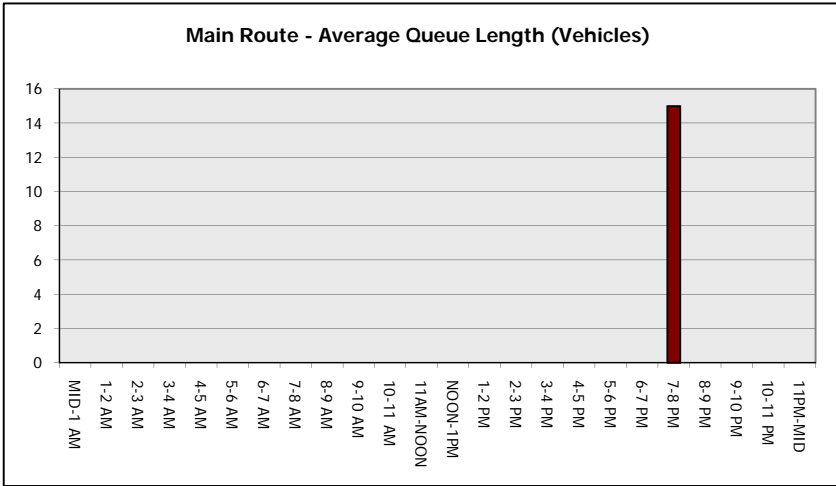
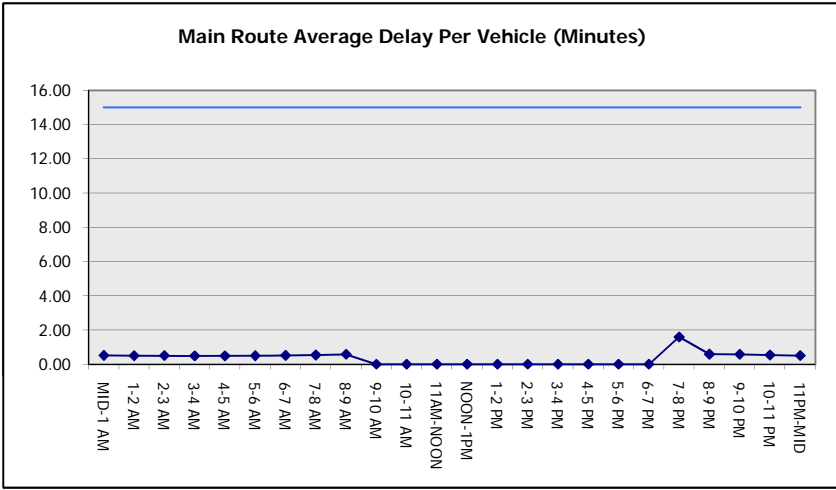
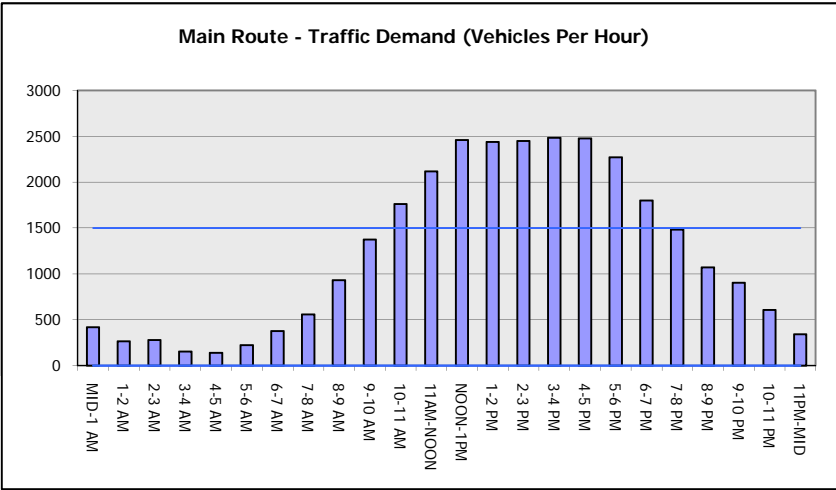
\*Delays Exceeding User-Specified Maximum

**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

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

**SUNDAY SOUTHBOUND DIRECTION**



<b>USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES)</b> <b>NIGHTTIME 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	312	0.0	1500	312	0	0.51	0	70.2	58.8	44.2
1-2 AM	217	0.0	1500	217	0	0.50	0	70.2	59.1	44.6
2-3 AM	174	0.0	1500	174	0	0.49	0	70.2	59.2	44.8
3-4 AM	111	0.0	1500	111	0	0.49	0	70.2	59.3	45.0
4-5 AM	107	0.0	1500	107	0	0.49	0	70.2	59.3	45.1
5-6 AM	226	0.0	1500	226	0	0.50	0	70.2	59.1	44.6
6-7 AM	306	0.0	1500	306	0	0.51	0	70.2	58.9	44.3
7-8 AM	570	0.0	1500	570	0	0.54	0	70.0	58.2	43.2
8-9 AM	798	0.0	1500	798	0	0.57	0	69.7	57.6	42.4
9-10 AM	1344	0.0	OFF	1344	0	0.00	0	69.1	69.1	69.1
10-11 AM	1881	0.0	OFF	1881	0	0.00	0	68.4	68.4	68.4
11AM-NOON	2183	0.0	OFF	2183	0	0.00	0	68.0	68.0	68.0
NOON-1PM	2220	0.0	OFF	2220	0	0.00	0	68.0	68.0	68.0
1-2 PM	2135	0.0	OFF	2135	0	0.00	0	68.1	68.1	68.1
2-3 PM	1998	0.0	OFF	1998	0	0.00	0	68.2	68.2	68.2
3-4 PM	2017	0.0	OFF	2017	0	0.00	0	68.2	68.2	68.2
4-5 PM	1930	0.0	OFF	1930	0	0.00	0	68.3	68.3	68.3
5-6 PM	1780	0.0	OFF	1780	0	0.00	0	68.5	68.5	68.5
6-7 PM	1616	0.0	OFF	1616	0	0.00	0	68.7	68.7	68.7
7-8 PM	1270	0.0	1500	1270	0	0.80	0	69.2	53.3	36.3
8-9 PM	1020	0.0	1500	1020	0	0.59	0	69.5	56.9	41.6
9-10 PM	773	0.0	1500	773	0	0.56	0	69.8	57.6	42.5
10-11 PM	528	0.0	1500	528	0	0.54	0	70.0	58.3	43.4
11PM-MID	309	0.0	1500	309	0	0.51	0	70.2	58.9	44.3

"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	0.0127
MAIN ROUTE WITH WORKS	0.0123
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$954
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
 Analyzed for 2009  
 Construction Season

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

