

<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>OCTOBER</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	326	0.0	3000	326	0	0.36	0	70.2	61.8	49.7
1-2 AM	207	0.0	3000	207	0	0.36	0	70.2	61.8	49.7
2-3 AM	212	0.0	3000	212	0	0.36	0	70.2	61.8	49.7
3-4 AM	187	0.0	3000	187	0	0.36	0	70.2	61.8	49.7
4-5 AM	406	0.0	3000	406	0	0.36	0	70.2	61.8	49.7
5-6 AM	1085	0.0	OFF	1085	0	0.00	0	69.4	69.4	69.4
6-7 AM	2067	0.0	OFF	2067	0	0.00	0	68.2	68.2	68.2
7-8 AM	3140	0.0	OFF	3140	0	0.00	0	66.8	66.8	66.8
8-9 AM	2401	0.0	OFF	2401	0	0.00	0	67.8	67.8	67.8
9-10 AM	2053	0.0	OFF	2053	0	0.00	0	68.2	68.2	68.2
10-11 AM	2324	0.0	OFF	2324	0	0.00	0	67.9	67.9	67.9
11AM-NOON	2708	0.0	OFF	2708	0	0.00	0	67.4	67.4	67.4
NOON-1PM	3032	0.0	OFF	3032	0	0.00	0	66.9	66.9	66.9
1-2 PM	3477	0.0	OFF	3477	0	0.00	0	66.4	66.4	66.4
2-3 PM	3464	0.0	OFF	3464	0	0.00	0	66.4	66.4	66.4
3-4 PM	3718	0.0	OFF	3718	0	0.00	0	65.5	65.5	65.5
4-5 PM	4098	0.0	OFF	4098	0	0.00	0	62.8	62.8	62.8
5-6 PM	3671	0.0	OFF	3671	0	0.00	0	65.8	65.8	65.8
6-7 PM	2632	0.0	OFF	2632	0	0.00	0	67.4	67.4	67.4
7-8 PM	1974	0.0	3000	1974	0	0.34	0	68.3	60.8	49.7
8-9 PM	1820	0.0	3000	1820	0	0.34	0	68.5	60.9	49.7
9-10 PM	1633	0.0	3000	1633	0	0.34	0	68.7	61.0	49.7
10-11 PM	1053	0.0	3000	1053	0	0.35	0	69.4	61.4	49.7
11PM-MID	678	0.0	3000	678	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	0.0
(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	0
(VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

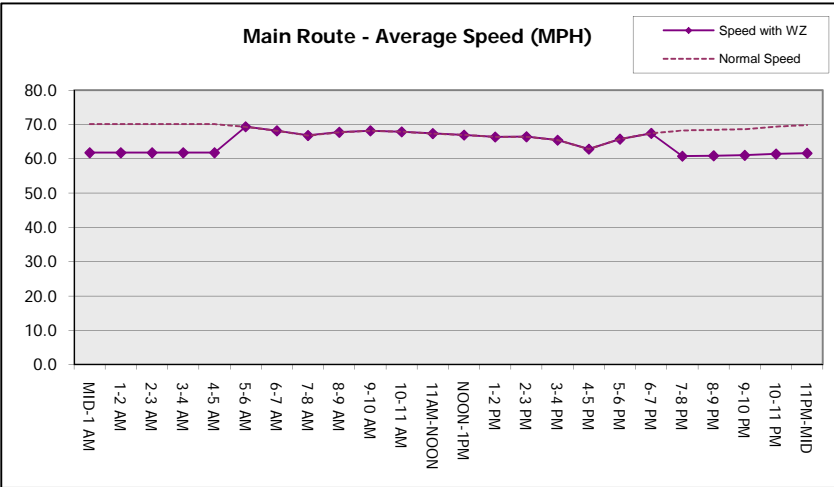
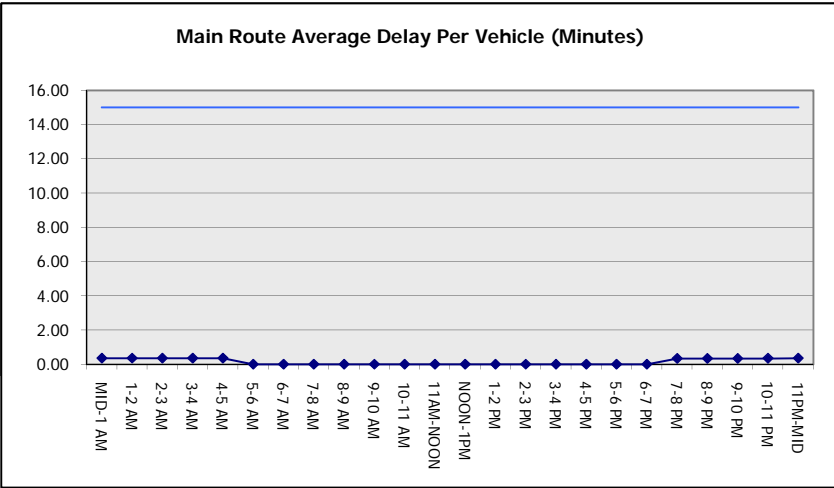
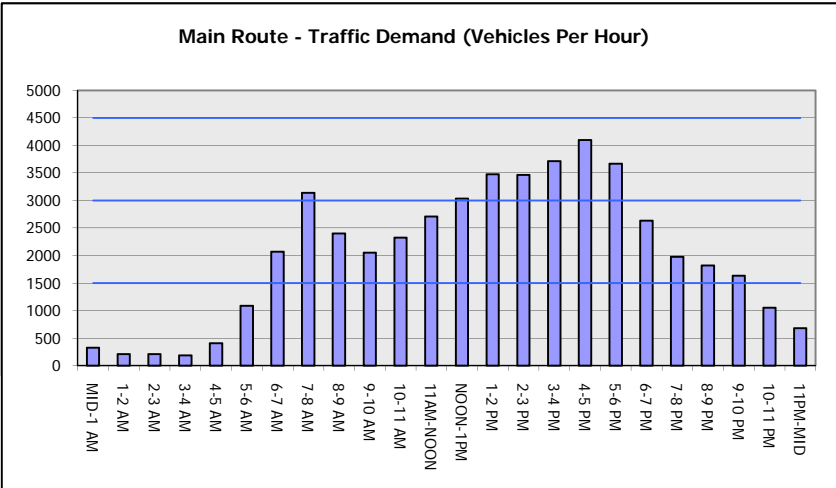
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0239
MAIN ROUTE WITH WORKS	0.0233
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$601
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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 NIGHTTIME CLOSURE  
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**OCTOBER**  
 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>OCTOBER</b>
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**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	257	0.0	3000	257	0	0.36	0	70.2	61.8	49.7
1-2 AM	209	0.0	3000	209	0	0.36	0	70.2	61.8	49.7
2-3 AM	199	0.0	3000	199	0	0.36	0	70.2	61.8	49.7
3-4 AM	216	0.0	3000	216	0	0.36	0	70.2	61.8	49.7
4-5 AM	457	0.0	3000	457	0	0.36	0	70.2	61.8	49.7
5-6 AM	897	0.0	OFF	897	0	0.00	0	69.6	69.6	69.6
6-7 AM	1885	0.0	OFF	1885	0	0.00	0	68.4	68.4	68.4
7-8 AM	3268	0.0	OFF	3268	0	0.00	0	66.7	66.7	66.7
8-9 AM	2681	0.0	OFF	2681	0	0.00	0	67.4	67.4	67.4
9-10 AM	2435	0.0	OFF	2435	0	0.00	0	67.7	67.7	67.7
10-11 AM	2705	0.0	OFF	2705	0	0.00	0	67.4	67.4	67.4
11AM-NOON	3063	0.0	OFF	3063	0	0.00	0	66.9	66.9	66.9
NOON-1PM	3098	0.0	OFF	3098	0	0.00	0	66.9	66.9	66.9
1-2 PM	3164	0.0	OFF	3164	0	0.00	0	66.8	66.8	66.8
2-3 PM	3434	0.0	OFF	3434	0	0.00	0	66.4	66.4	66.4
3-4 PM	3923	0.0	OFF	3923	0	0.00	0	64.0	64.0	64.0
4-5 PM	4315	0.0	OFF	4315	0	0.00	0	61.4	61.4	61.4
5-6 PM	3892	0.0	OFF	3892	0	0.00	0	64.3	64.3	64.3
6-7 PM	3090	0.0	OFF	3090	0	0.00	0	66.9	66.9	66.9
7-8 PM	1943	0.0	3000	1943	0	0.34	0	68.3	60.8	49.7
8-9 PM	1329	0.0	3000	1329	0	0.35	0	69.1	61.2	49.7
9-10 PM	1115	0.0	3000	1115	0	0.35	0	69.4	61.4	49.7
10-11 PM	872	0.0	3000	872	0	0.35	0	69.7	61.5	49.7
11PM-MID	594	0.0	3000	594	0	0.36	0	70.0	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	0.0
(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	0
(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	0.0242
MAIN ROUTE WITH WORKS	0.0237
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$515
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**OCTOBER**

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

