

<b>USH 41: STH 44 TO STH 26 (WINNEBAGO COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	239	0.0	1500	239	0	0.45	0	66.0	55.8	44.5
1-2 AM	163	0.0	1500	163	0	0.44	0	66.1	56.1	44.8
2-3 AM	147	0.0	1500	147	0	0.44	0	66.1	56.1	44.9
3-4 AM	191	0.0	1500	191	0	0.44	0	66.0	56.0	44.7
4-5 AM	334	0.0	1500	334	0	0.45	0	65.8	55.5	44.2
5-6 AM	730	0.0	OFF	730	0	0.00	0	65.0	65.0	65.0
6-7 AM	1298	0.0	OFF	1298	0	0.00	0	64.0	64.0	64.0
7-8 AM	1818	0.0	OFF	1818	0	0.00	0	63.0	63.0	63.0
8-9 AM	1600	0.0	OFF	1600	0	0.00	0	63.4	63.4	63.4
9-10 AM	1595	0.0	OFF	1595	0	0.00	0	63.4	63.4	63.4
10-11 AM	1714	0.0	OFF	1714	0	0.00	0	63.2	63.2	63.2
11AM-NOON	1813	0.0	OFF	1813	0	0.00	0	63.0	63.0	63.0
NOON-1PM	1910	0.0	OFF	1910	0	0.00	0	62.8	62.8	62.8
1-2 PM	2014	0.0	OFF	2014	0	0.00	0	62.7	62.7	62.7
2-3 PM	2230	0.0	OFF	2230	0	0.00	0	62.2	62.2	62.2
3-4 PM	2327	0.0	OFF	2327	0	0.00	0	62.0	62.0	62.0
4-5 PM	2339	0.0	OFF	2339	0	0.00	0	62.0	62.0	62.0
5-6 PM	2004	0.0	OFF	2004	0	0.00	0	62.7	62.7	62.7
6-7 PM	1502	0.0	OFF	1502	0	0.00	0	63.6	63.6	63.6
7-8 PM	1082	0.0	1500	1082	0	0.53	0	64.4	53.2	41.4
8-9 PM	875	0.0	1500	875	0	0.51	0	64.8	53.8	42.1
9-10 PM	755	0.0	1500	755	0	0.50	0	65.0	54.2	42.5
10-11 PM	680	0.0	1500	680	0	0.49	0	65.1	54.5	42.8
11PM-MID	426	0.0	1500	426	0	0.46	0	65.6	55.2	43.8

**"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

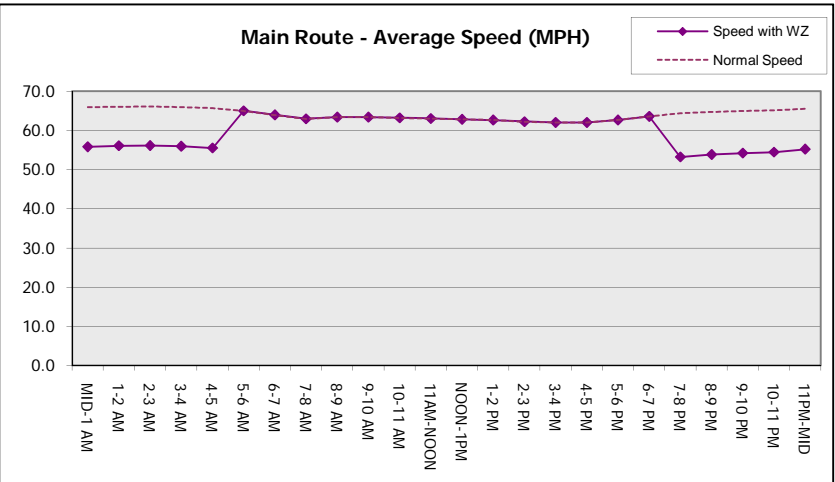
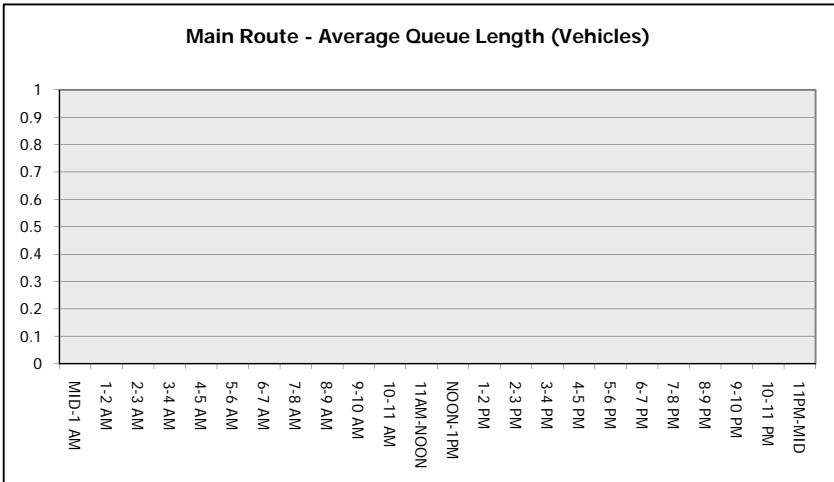
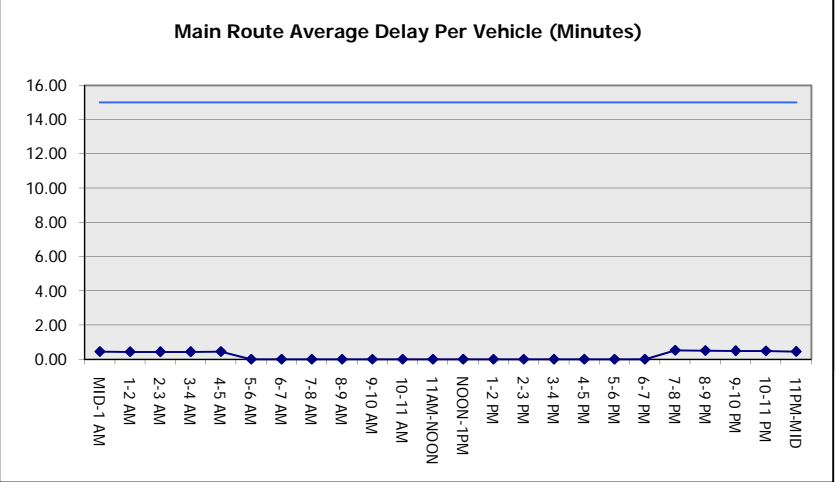
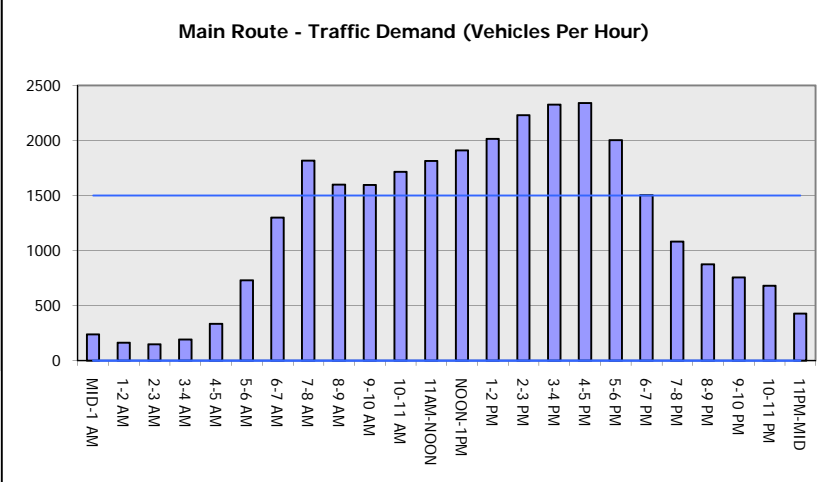
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0128
MAIN ROUTE WITH WORKS	0.0125
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$583
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
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**AUGUST**  
Analyzed for 2009  
Construction Season

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



<b>USH 41: STH 44 TO STH 26 (WINNEBAGO COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	212	0.0	1500	212	0	0.44	0	66.0	55.9	44.6
1-2 AM	141	0.0	1500	141	0	0.44	0	66.1	56.1	44.9
2-3 AM	141	0.0	1500	141	0	0.44	0	66.1	56.1	44.9
3-4 AM	169	0.0	1500	169	0	0.44	0	66.1	56.0	44.8
4-5 AM	250	0.0	1500	250	0	0.45	0	65.9	55.8	44.5
5-6 AM	655	0.0	OFF	655	0	0.00	0	65.1	65.1	65.1
6-7 AM	1183	0.0	OFF	1183	0	0.00	0	64.2	64.2	64.2
7-8 AM	1614	0.0	OFF	1614	0	0.00	0	63.4	63.4	63.4
8-9 AM	1378	0.0	OFF	1378	0	0.00	0	63.8	63.8	63.8
9-10 AM	1480	0.0	OFF	1480	0	0.00	0	63.7	63.7	63.7
10-11 AM	1672	0.0	OFF	1672	0	0.00	0	63.3	63.3	63.3
11AM-NOON	1795	0.0	OFF	1795	0	0.00	0	63.0	63.0	63.0
NOON-1PM	1903	0.0	OFF	1903	0	0.00	0	62.8	62.8	62.8
1-2 PM	2053	0.0	OFF	2053	0	0.00	0	62.5	62.5	62.5
2-3 PM	2164	0.0	OFF	2164	0	0.00	0	62.3	62.3	62.3
3-4 PM	2305	0.0	OFF	2305	0	0.00	0	62.1	62.1	62.1
4-5 PM	2371	0.0	OFF	2371	0	0.00	0	62.0	62.0	62.0
5-6 PM	2346	0.0	OFF	2346	0	0.00	0	62.0	62.0	62.0
6-7 PM	2038	0.0	OFF	2038	0	0.00	0	62.6	62.6	62.6
7-8 PM	1620	0.0	1499	1620	0	3.98	84	63.3	24.8	30.8
8-9 PM	1249	0.0	1499	1249	0	1.77	41	64.1	37.6	35.7
9-10 PM	934	0.0	1500	934	0	0.51	0	64.6	53.7	41.9
10-11 PM	664	0.0	1500	664	0	0.49	0	65.1	54.5	42.9
11PM-MID	517	0.0	1500	517	0	0.47	0	65.4	55.0	43.5

"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	0.0133
MAIN ROUTE WITH WORKS	0.0129
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,452
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**FRIDAY NORTHBOUND DIRECTION**

