

<b>USH 41: STH 44 TO STH 26 (WINNEBAGO COUNTY)</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	166	0.0	1500	166	0	0.44	0	66.1	56.1	44.8
1-2 AM	136	0.0	1500	136	0	0.44	0	66.1	56.1	45.0
2-3 AM	135	0.0	1500	135	0	0.44	0	66.1	56.1	45.0
3-4 AM	182	0.0	1500	182	0	0.44	0	66.1	56.0	44.8
4-5 AM	303	0.0	1500	303	0	0.45	0	65.8	55.6	44.3
5-6 AM	692	0.0	OFF	692	0	0.00	0	65.1	65.1	65.1
6-7 AM	1293	0.0	OFF	1293	0	0.00	0	64.0	64.0	64.0
7-8 AM	1882	0.0	OFF	1882	0	0.00	0	62.9	62.9	62.9
8-9 AM	1623	0.0	OFF	1623	0	0.00	0	63.3	63.3	63.3
9-10 AM	1396	0.0	OFF	1396	0	0.00	0	63.8	63.8	63.8
10-11 AM	1447	0.0	OFF	1447	0	0.00	0	63.7	63.7	63.7
11AM-NOON	1506	0.0	OFF	1506	0	0.00	0	63.6	63.6	63.6
NOON-1PM	1634	0.0	OFF	1634	0	0.00	0	63.3	63.3	63.3
1-2 PM	1754	0.0	OFF	1754	0	0.00	0	63.1	63.1	63.1
2-3 PM	2019	0.0	OFF	2019	0	0.00	0	62.6	62.6	62.6
3-4 PM	2248	0.0	OFF	2248	0	0.00	0	62.2	62.2	62.2
4-5 PM	2360	0.0	OFF	2360	0	0.00	0	62.0	62.0	62.0
5-6 PM	2097	0.0	OFF	2097	0	0.00	0	62.5	62.5	62.5
6-7 PM	1465	0.0	OFF	1465	0	0.00	0	63.7	63.7	63.7
7-8 PM	1010	0.0	1500	1010	0	0.52	0	64.5	53.5	41.7
8-9 PM	821	0.0	1500	821	0	0.50	0	64.8	54.0	42.3
9-10 PM	706	0.0	1500	706	0	0.49	0	65.1	54.3	42.7
10-11 PM	626	0.0	1500	626	0	0.48	0	65.2	54.6	43.0
11PM-MID	434	0.0	1500	434	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

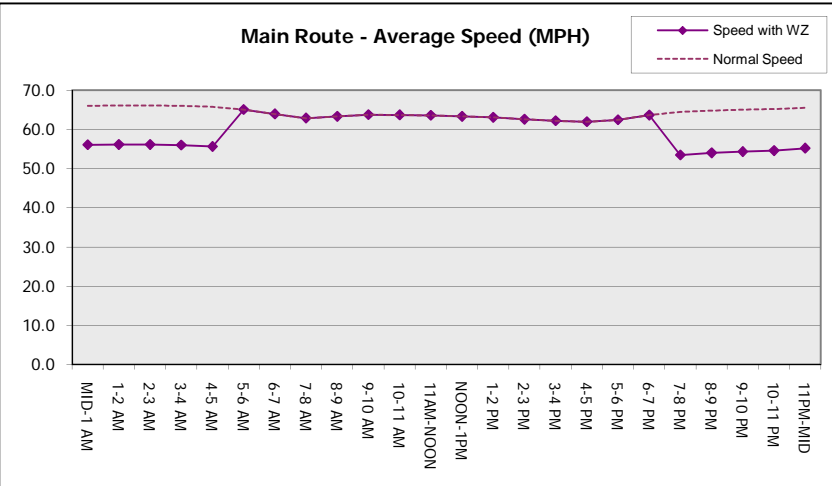
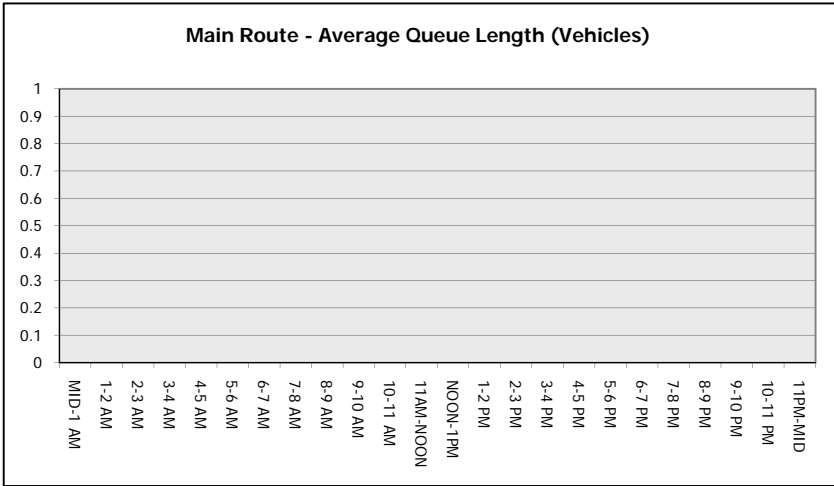
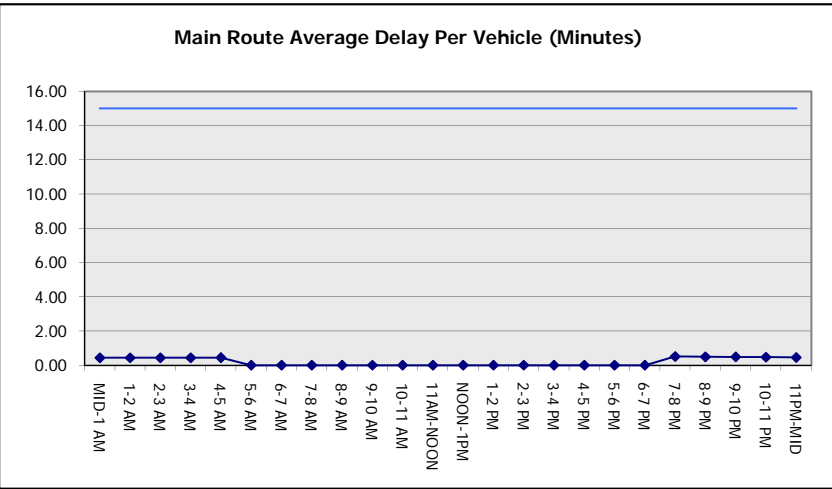
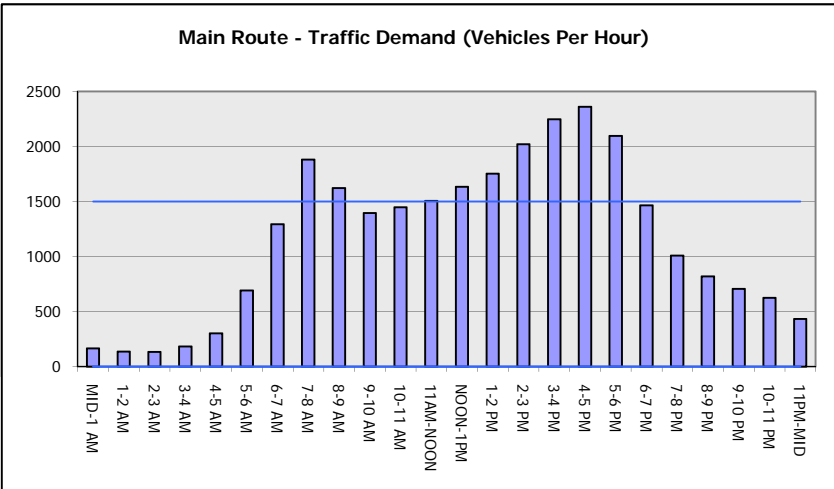
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0120
MAIN ROUTE WITH WORKS	0.0117
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$490
CONGESTED HOURS PER DAY*	0

\*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 44 TO STH 26 (WINNEBAGO COUNTY)</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	186	0.0	1500	186	0	0.44	0	66.0	56.0	44.7
1-2 AM	146	0.0	1500	146	0	0.44	0	66.1	56.1	44.9
2-3 AM	130	0.0	1500	130	0	0.44	0	66.1	56.2	45.0
3-4 AM	163	0.0	1500	163	0	0.44	0	66.1	56.1	44.8
4-5 AM	234	0.0	1500	234	0	0.45	0	66.0	55.8	44.5
5-6 AM	633	0.0	OFF	633	0	0.00	0	65.2	65.2	65.2
6-7 AM	1214	0.0	OFF	1214	0	0.00	0	64.1	64.1	64.1
7-8 AM	1748	0.0	OFF	1748	0	0.00	0	63.2	63.2	63.2
8-9 AM	1387	0.0	OFF	1387	0	0.00	0	63.8	63.8	63.8
9-10 AM	1400	0.0	OFF	1400	0	0.00	0	63.8	63.8	63.8
10-11 AM	1514	0.0	OFF	1514	0	0.00	0	63.6	63.6	63.6
11AM-NOON	1588	0.0	OFF	1588	0	0.00	0	63.4	63.4	63.4
NOON-1PM	1670	0.0	OFF	1670	0	0.00	0	63.3	63.3	63.3
1-2 PM	1830	0.0	OFF	1830	0	0.00	0	63.0	63.0	63.0
2-3 PM	2008	0.0	OFF	2008	0	0.00	0	62.7	62.7	62.7
3-4 PM	2141	0.0	OFF	2141	0	0.00	0	62.4	62.4	62.4
4-5 PM	2339	0.0	OFF	2339	0	0.00	0	62.0	62.0	62.0
5-6 PM	2348	0.0	OFF	2348	0	0.00	0	62.0	62.0	62.0
6-7 PM	1953	0.0	OFF	1953	0	0.00	0	62.7	62.7	62.7
7-8 PM	1549	0.0	1499	1549	0	2.78	48	63.5	30.4	30.8
8-9 PM	1188	0.0	1500	1188	0	0.78	5	64.1	49.0	38.6
9-10 PM	875	0.0	1500	875	0	0.51	0	64.8	53.8	42.1
10-11 PM	616	0.0	1500	616	0	0.48	0	65.3	54.6	43.1
11PM-MID	441	0.0	1500	441	0	0.47	0	65.6	55.2	43.7

"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	0.0126
MAIN ROUTE WITH WORKS	0.0122
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,468
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY NORTHBOUND DIRECTION**

