

<b>USH 41: STH 114 TO BREEZEWOOD LN/BELL ST (WINNEBAGO COUNTY)</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**

SATURDAY 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	386	0.0	1500	386	0	0.52	0	70.2	48.9	44.0
1-2 AM	232	0.0	1500	232	0	0.50	0	70.2	49.4	44.5
2-3 AM	202	0.0	1500	202	0	0.50	0	70.2	49.6	44.6
3-4 AM	153	0.0	1500	153	0	0.49	0	70.2	49.7	44.9
4-5 AM	259	0.0	1500	259	0	0.50	0	70.2	49.4	44.5
5-6 AM	380	0.0	1500	380	0	0.52	0	70.2	48.9	44.0
6-7 AM	701	0.0	1500	701	0	0.55	0	69.9	47.8	42.7
7-8 AM	1237	0.0	1499	1237	0	0.74	0	69.2	42.8	37.6
8-9 AM	1687	0.0	OFF	1687	0	0.00	0	68.6	68.6	68.6
9-10 AM	1829	0.0	OFF	1829	0	0.00	0	68.4	68.4	68.4
10-11 AM	2096	0.0	OFF	2096	0	0.00	0	68.1	68.1	68.1
11AM-NOON	2113	0.0	OFF	2113	0	0.00	0	68.1	68.1	68.1
NOON-1PM	2182	0.0	OFF	2182	0	0.00	0	68.0	68.0	68.0
1-2 PM	2121	0.0	OFF	2121	0	0.00	0	68.1	68.1	68.1
2-3 PM	2148	0.0	OFF	2148	0	0.00	0	68.1	68.1	68.1
3-4 PM	2174	0.0	OFF	2174	0	0.00	0	68.1	68.1	68.1
4-5 PM	1956	0.0	OFF	1956	0	0.00	0	68.3	68.3	68.3
5-6 PM	1854	0.0	OFF	1854	0	0.00	0	68.4	68.4	68.4
6-7 PM	1528	0.0	1499	1528	0	2.31	32	68.8	23.7	30.8
7-8 PM	1262	0.0	1500	1262	0	0.85	1	69.2	40.7	36.5
8-9 PM	1226	0.0	1500	1226	0	0.74	0	69.2	43.0	37.6
9-10 PM	1135	0.0	1500	1135	0	0.62	0	69.3	45.8	40.6
10-11 PM	918	0.0	1500	918	0	0.58	0	69.6	47.0	42.0
11PM-MID	553	0.0	1500	553	0	0.54	0	70.0	48.3	43.3

"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

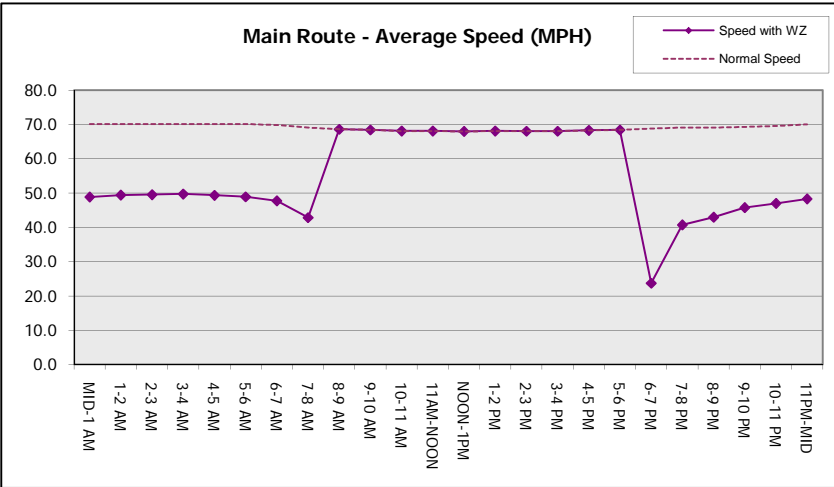
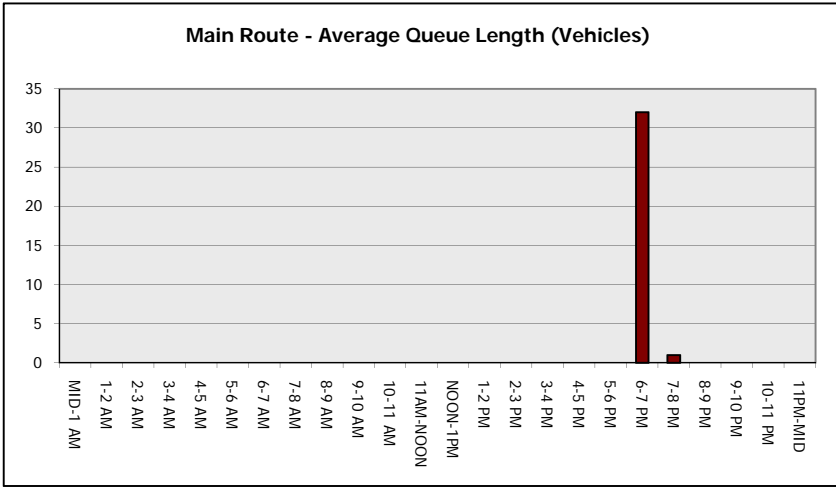
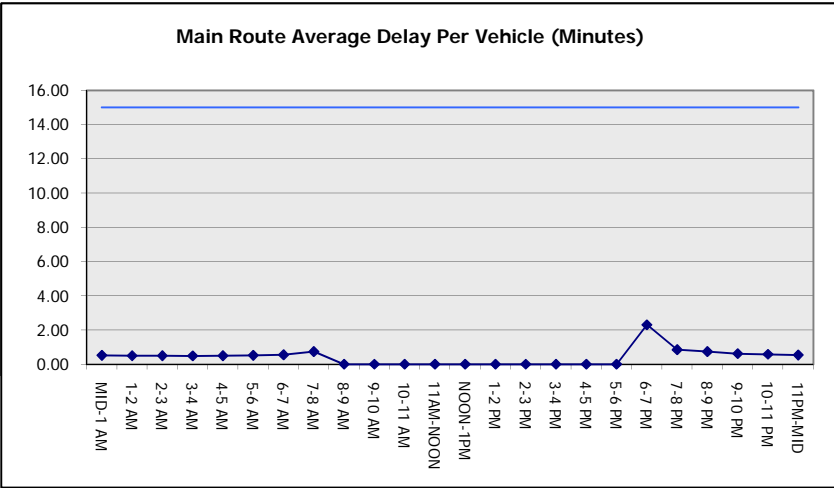
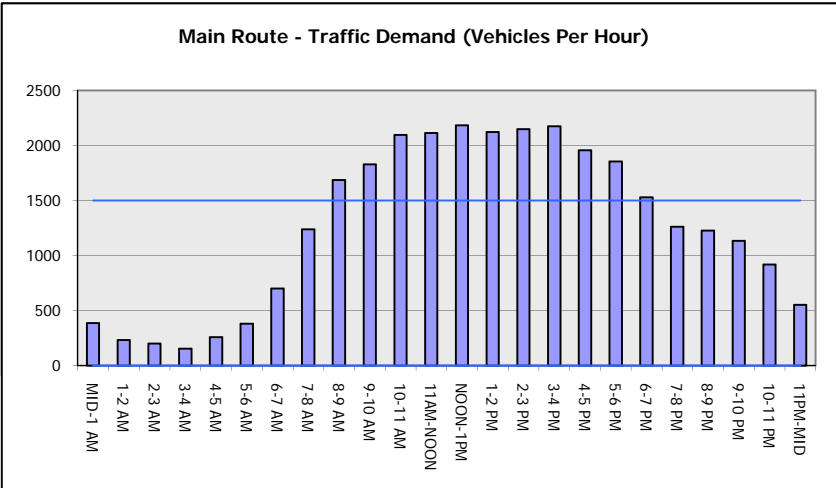
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0067
MAIN ROUTE WITH WORKS	0.0061
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,476
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**USH 41: STH 114 TO BREEZEWOOD LN/BELL ST (WINNEBAGO COUNTY)  
 NIGHTTIME 2 LANE CLOSURE  
 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

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



<b>USH 41: STH 114 TO BREEZEWOOD LN/BELL ST (WINNEBAGO COUNTY)</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**

**SATURDAY 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	426	0.0	1500	426	0	0.52	0	70.2	48.7	43.8
1-2 AM	289	0.0	1500	289	0	0.51	0	70.2	49.2	44.3
2-3 AM	233	0.0	1500	233	0	0.50	0	70.2	49.4	44.5
3-4 AM	170	0.0	1500	170	0	0.49	0	70.2	49.7	44.8
4-5 AM	201	0.0	1500	201	0	0.50	0	70.2	49.6	44.6
5-6 AM	431	0.0	1500	431	0	0.53	0	70.2	48.7	43.8
6-7 AM	700	0.0	1500	700	0	0.55	0	69.9	47.8	42.8
7-8 AM	1221	0.0	1499	1221	0	0.73	0	69.2	43.2	37.9
8-9 AM	1635	0.0	OFF	1635	0	0.00	0	68.7	68.7	68.7
9-10 AM	1958	0.0	OFF	1958	0	0.00	0	68.3	68.3	68.3
10-11 AM	2298	0.0	OFF	2298	0	0.00	0	67.9	67.9	67.9
11AM-NOON	2547	0.0	OFF	2547	0	0.00	0	67.6	67.6	67.6
NOON-1PM	2572	0.0	OFF	2572	0	0.00	0	67.6	67.6	67.6
1-2 PM	2461	0.0	OFF	2461	0	0.00	0	67.7	67.7	67.7
2-3 PM	2480	0.0	OFF	2480	0	0.00	0	67.6	67.6	67.6
3-4 PM	2354	0.0	OFF	2354	0	0.00	0	67.8	67.8	67.8
4-5 PM	2415	0.0	OFF	2415	0	0.00	0	67.8	67.8	67.8
5-6 PM	2126	0.0	OFF	2126	0	0.00	0	68.1	68.1	68.1
6-7 PM	1743	0.0	1499	1743	0	6.08	145	68.6	12.3	30.8
7-8 PM	1363	0.0	1499	1363	0	8.30	193	69.1	9.9	31.0
8-9 PM	1132	0.0	1500	1132	0	0.99	17	69.3	38.1	39.4
9-10 PM	1035	0.0	1500	1035	0	0.59	0	69.4	46.6	41.5
10-11 PM	861	0.0	1500	861	0	0.57	0	69.7	47.2	42.2
11PM-MID	587	0.0	1500	587	0	0.54	0	70.0	48.2	43.2

"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	0.0074
MAIN ROUTE WITH WORKS	0.0067
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$7,194
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**NIGHTTIME 2 LANE CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

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 Construction Season

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

