

<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>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                  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	280	0.0	1500	280	0	0.51	0	70.2	49.3	44.3	
1-2 AM	202	0.0	1500	202	0	0.50	0	70.2	49.6	44.6	
2-3 AM	202	0.0	1500	202	0	0.50	0	70.2	49.6	44.6	
3-4 AM	262	0.0	1500	262	0	0.50	0	70.2	49.4	44.4	
4-5 AM	496	0.0	1500	496	0	0.53	0	70.1	48.5	43.5	
5-6 AM	1164	0.0	OFF	1164	0	0.00	0	69.3	69.3	69.3	
6-7 AM	2251	0.0	OFF	2251	0	0.00	0	67.9	67.9	67.9	
7-8 AM	3056	0.0	OFF	3056	0	0.00	0	66.9	66.9	66.9	
8-9 AM	2411	0.0	OFF	2411	0	0.00	0	67.8	67.8	67.8	
9-10 AM	2096	0.0	OFF	2096	0	0.00	0	68.1	68.1	68.1	
10-11 AM	2087	0.0	OFF	2087	0	0.00	0	68.1	68.1	68.1	
11AM-NOON	2155	0.0	OFF	2155	0	0.00	0	68.1	68.1	68.1	
NOON-1PM	2263	0.0	OFF	2263	0	0.00	0	67.9	67.9	67.9	
1-2 PM	2496	0.0	OFF	2496	0	0.00	0	67.6	67.6	67.6	
2-3 PM	2735	0.0	OFF	2735	0	0.00	0	67.3	67.3	67.3	
3-4 PM	2912	0.0	OFF	2912	0	0.00	0	67.1	67.1	67.1	
4-5 PM	3346	0.0	OFF	3346	0	0.00	0	66.6	66.6	66.6	
5-6 PM	3115	0.0	OFF	3115	0	0.00	0	66.9	66.9	66.9	
6-7 PM	1973	0.0	OFF	1973	0	0.00	0	68.3	68.3	68.3	
7-8 PM	1423	0.0	1499	1423	0	1.02	1	69.0	37.4	32.7	
8-9 PM	1293	0.0	1500	1293	0	0.83	0	69.1	41.1	35.7	
9-10 PM	1112	0.0	1500	1112	0	0.60	0	69.4	46.4	41.3	
10-11 PM	880	0.0	1500	880	0	0.57	0	69.6	47.1	42.1	
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	0.0091
MAIN ROUTE WITH WORKS	0.0086
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,007
CONGESTED HOURS PER DAY*	0

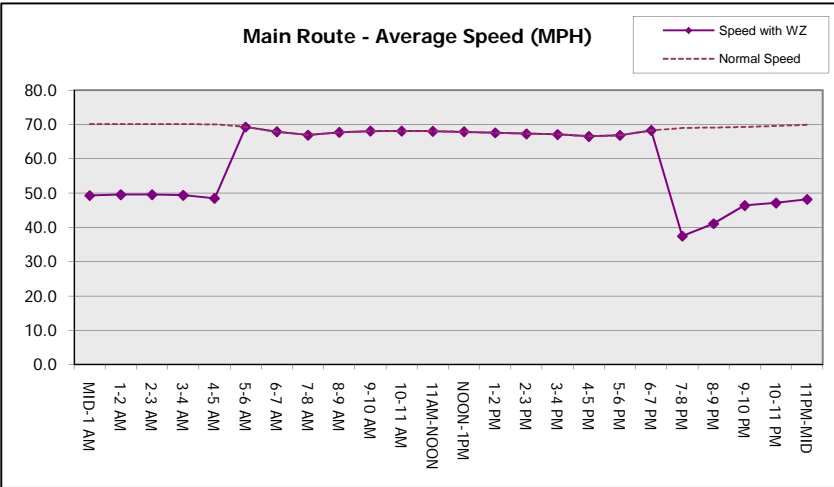
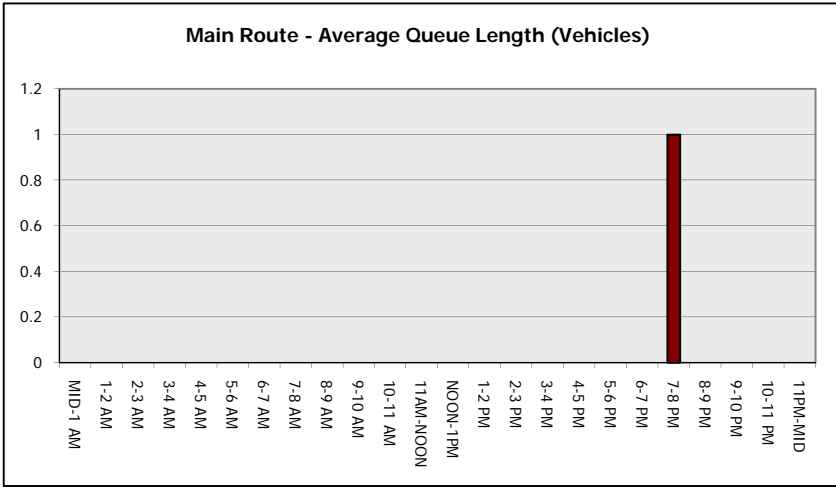
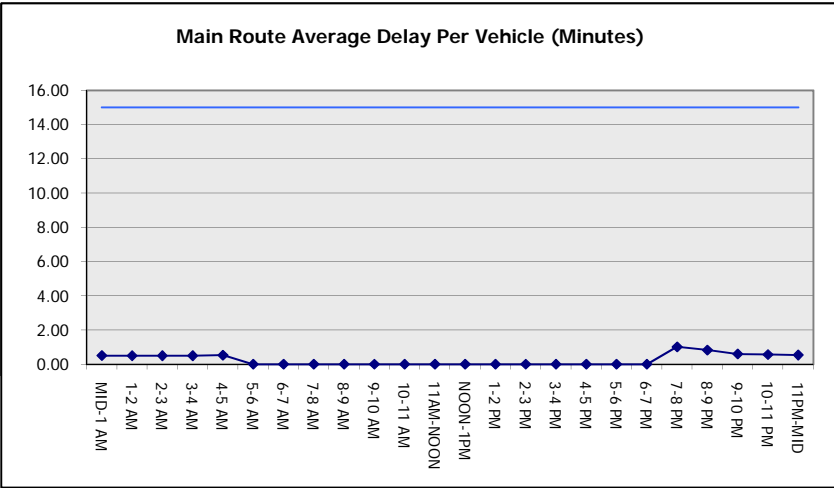
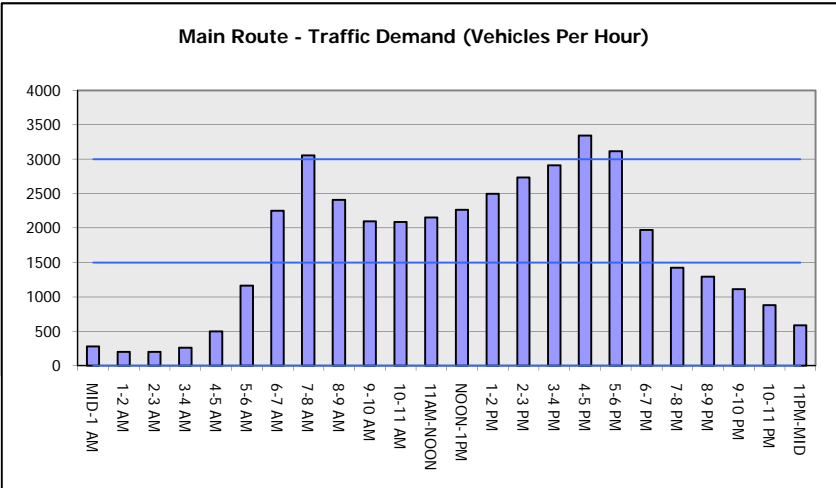
\*Delays Exceeding User-Specified Maximum

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

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

**MON-THUR 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>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	295	0.0	1500	295	0	0.51	0	70.2	49.2	44.3
1-2 AM	217	0.0	1500	217	0	0.50	0	70.2	49.5	44.6
2-3 AM	187	0.0	1500	187	0	0.50	0	70.2	49.6	44.7
3-4 AM	207	0.0	1500	207	0	0.50	0	70.2	49.6	44.6
4-5 AM	398	0.0	1500	398	0	0.52	0	70.2	48.9	43.9
5-6 AM	1116	0.0	OFF	1116	0	0.00	0	69.4	69.4	69.4
6-7 AM	2010	0.0	OFF	2010	0	0.00	0	68.2	68.2	68.2
7-8 AM	3132	0.0	OFF	3132	0	0.00	0	66.8	66.8	66.8
8-9 AM	2312	0.0	OFF	2312	0	0.00	0	67.9	67.9	67.9
9-10 AM	2135	0.0	OFF	2135	0	0.00	0	68.1	68.1	68.1
10-11 AM	2251	0.0	OFF	2251	0	0.00	0	67.9	67.9	67.9
11AM-NOON	2342	0.0	OFF	2342	0	0.00	0	67.8	67.8	67.8
NOON-1PM	2319	0.0	OFF	2319	0	0.00	0	67.9	67.9	67.9
1-2 PM	2413	0.0	OFF	2413	0	0.00	0	67.8	67.8	67.8
2-3 PM	2708	0.0	OFF	2708	0	0.00	0	67.4	67.4	67.4
3-4 PM	3164	0.0	OFF	3164	0	0.00	0	66.8	66.8	66.8
4-5 PM	3567	0.0	OFF	3567	0	0.00	0	66.3	66.3	66.3
5-6 PM	3306	0.0	OFF	3306	0	0.00	0	66.6	66.6	66.6
6-7 PM	2152	0.0	OFF	2152	0	0.00	0	68.1	68.1	68.1
7-8 PM	1454	0.0	1499	1454	0	1.41	12	68.9	31.9	32.5
8-9 PM	1224	0.0	1500	1224	0	0.74	0	69.2	43.0	37.7
9-10 PM	1009	0.0	1500	1009	0	0.59	0	69.5	46.7	41.7
10-11 PM	774	0.0	1500	774	0	0.56	0	69.8	47.5	42.5
11PM-MID	567	0.0	1500	567	0	0.54	0	70.0	48.3	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	0.0092
MAIN ROUTE WITH WORKS	0.0088
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,050
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR NORTHBOUND DIRECTION**

