

USH 41: STH 114 TO BREEZEWOOD LN/BELL ST (WINNEBAGO COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	3000	386	0	0.36	0	70.2	54.0	49.7
1-2 AM	232	0.0	3000	232	0	0.36	0	70.2	54.0	49.7
2-3 AM	202	0.0	3000	202	0	0.36	0	70.2	54.0	49.7
3-4 AM	153	0.0	3000	153	0	0.36	0	70.2	54.0	49.7
4-5 AM	259	0.0	3000	259	0	0.36	0	70.2	54.0	49.7
5-6 AM	380	0.0	3000	380	0	0.36	0	70.2	54.0	49.7
6-7 AM	701	0.0	3000	701	0	0.36	0	69.9	53.9	49.7
7-8 AM	1237	0.0	3000	1237	0	0.35	0	69.2	53.8	49.7
8-9 AM	1687	0.0	3000	1687	0	0.34	0	68.6	53.7	49.7
9-10 AM	1829	0.0	3000	1829	0	0.34	0	68.4	53.7	49.7
10-11 AM	2096	0.0	3000	2096	0	0.33	0	68.1	53.6	49.7
11AM-NOON	2113	0.0	3000	2113	0	0.33	0	68.1	53.6	49.7
NOON-1PM	2182	0.0	3000	2182	0	0.33	0	68.0	53.6	49.7
1-2 PM	2121	0.0	3000	2121	0	0.33	0	68.1	53.6	49.7
2-3 PM	2148	0.0	3000	2148	0	0.33	0	68.1	53.6	49.7
3-4 PM	2174	0.0	3000	2174	0	0.33	0	68.1	53.6	49.7
4-5 PM	1956	0.0	3000	1956	0	0.34	0	68.3	53.7	49.7
5-6 PM	1854	0.0	3000	1854	0	0.34	0	68.4	53.7	49.7
6-7 PM	1528	0.0	3000	1528	0	0.34	0	68.8	53.7	49.7
7-8 PM	1262	0.0	3000	1262	0	0.35	0	69.2	53.8	49.7
8-9 PM	1226	0.0	3000	1226	0	0.35	0	69.2	53.8	49.7
9-10 PM	1135	0.0	3000	1135	0	0.35	0	69.3	53.8	49.7
10-11 PM	918	0.0	3000	918	0	0.35	0	69.6	53.8	49.7
11PM-MID	553	0.0	3000	553	0	0.36	0	70.0	53.9	49.7

----- 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	0.0047
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,515
CONGESTED HOURS PER DAY*	0

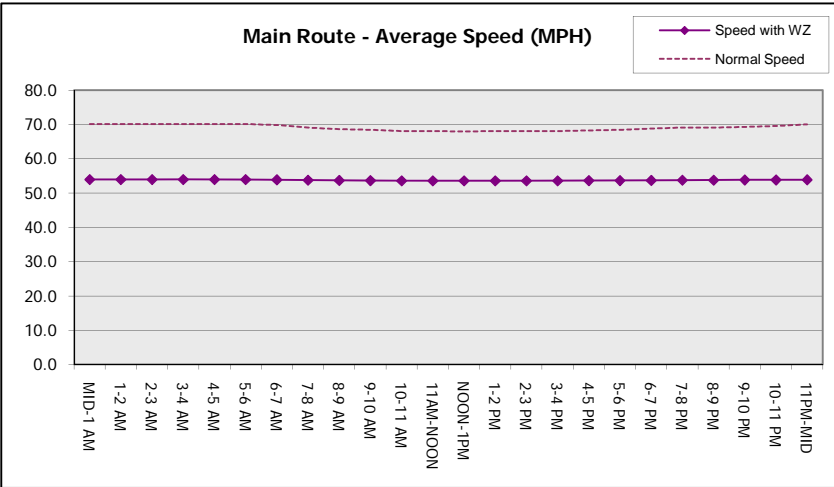
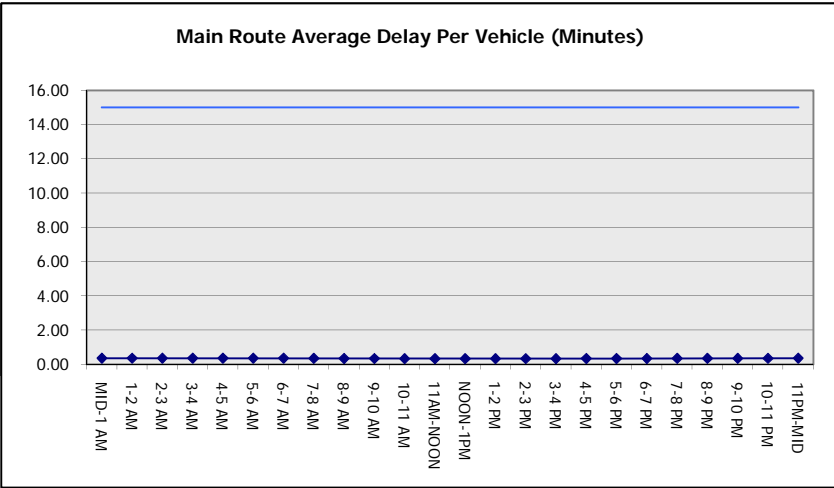
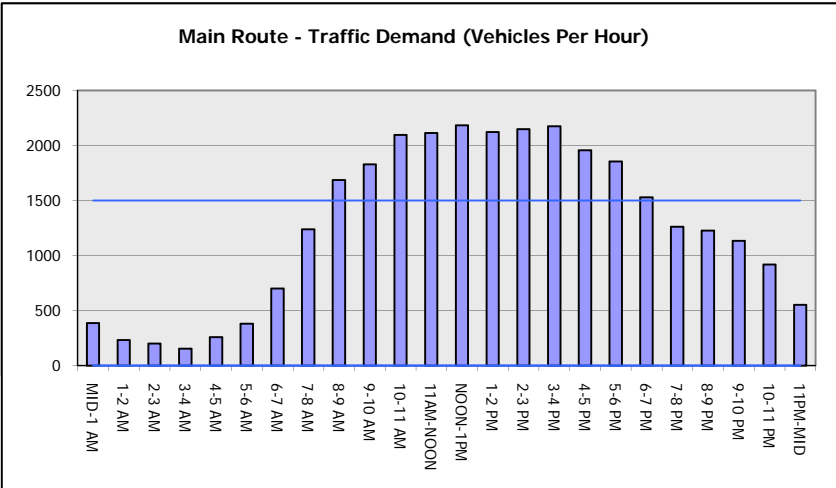
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY SOUTHBOUND DIRECTION



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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	3000	426	0	0.36	0	70.2	54.0	49.7
1-2 AM	289	0.0	3000	289	0	0.36	0	70.2	54.0	49.7
2-3 AM	233	0.0	3000	233	0	0.36	0	70.2	54.0	49.7
3-4 AM	170	0.0	3000	170	0	0.36	0	70.2	54.0	49.7
4-5 AM	201	0.0	3000	201	0	0.36	0	70.2	54.0	49.7
5-6 AM	431	0.0	3000	431	0	0.36	0	70.2	54.0	49.7
6-7 AM	700	0.0	3000	700	0	0.36	0	69.9	53.9	49.7
7-8 AM	1221	0.0	3000	1221	0	0.35	0	69.2	53.8	49.7
8-9 AM	1635	0.0	3000	1635	0	0.34	0	68.7	53.7	49.7
9-10 AM	1958	0.0	3000	1958	0	0.34	0	68.3	53.7	49.7
10-11 AM	2298	0.0	3000	2298	0	0.33	0	67.9	53.6	49.7
11AM-NOON	2547	0.0	3000	2547	0	0.43	0	67.6	50.1	45.7
NOON-1PM	2572	0.0	3000	2572	0	0.45	0	67.6	49.6	45.1
1-2 PM	2461	0.0	3000	2461	0	0.38	0	67.7	51.9	47.8
2-3 PM	2480	0.0	3000	2480	0	0.39	0	67.6	51.5	47.3
3-4 PM	2354	0.0	3000	2354	0	0.33	0	67.8	53.6	49.7
4-5 PM	2415	0.0	3000	2415	0	0.35	0	67.8	52.9	48.9
5-6 PM	2126	0.0	3000	2126	0	0.33	0	68.1	53.6	49.7
6-7 PM	1743	0.0	3000	1743	0	0.34	0	68.6	53.7	49.7
7-8 PM	1363	0.0	3000	1363	0	0.34	0	69.1	53.8	49.7
8-9 PM	1132	0.0	3000	1132	0	0.35	0	69.3	53.8	49.7
9-10 PM	1035	0.0	3000	1035	0	0.35	0	69.4	53.8	49.7
10-11 PM	861	0.0	3000	861	0	0.35	0	69.7	53.8	49.7
11PM-MID	587	0.0	3000	587	0	0.36	0	70.0	53.9	49.7

----- 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	0.0052
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,953
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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