

<b>USH 41: STH 114 TO BREEZEWOOD LN/BELL ST (WINNEBAGO COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	373	0.0	3000	373	0	0.36	0	70.2	54.0	49.7
1-2 AM	236	0.0	3000	236	0	0.36	0	70.2	54.0	49.7
2-3 AM	248	0.0	3000	248	0	0.36	0	70.2	54.0	49.7
3-4 AM	175	0.0	3000	175	0	0.36	0	70.2	54.0	49.7
4-5 AM	160	0.0	3000	160	0	0.36	0	70.2	54.0	49.7
5-6 AM	223	0.0	3000	223	0	0.36	0	70.2	54.0	49.7
6-7 AM	400	0.0	3000	400	0	0.36	0	70.2	54.0	49.7
7-8 AM	560	0.0	3000	560	0	0.36	0	70.0	53.9	49.7
8-9 AM	962	0.0	3000	962	0	0.35	0	69.6	53.8	49.7
9-10 AM	1515	0.0	3000	1515	0	0.34	0	68.9	53.7	49.7
10-11 AM	1978	0.0	3000	1978	0	0.34	0	68.2	53.7	49.7
11AM-NOON	2208	0.0	3000	2208	0	0.33	0	68.0	53.6	49.7
NOON-1PM	2523	0.0	3000	2523	0	0.42	0	67.6	50.6	46.3
1-2 PM	2489	0.0	3000	2489	0	0.39	0	67.6	51.3	47.1
2-3 PM	2488	0.0	3000	2488	0	0.39	0	67.6	51.3	47.1
3-4 PM	2541	0.0	3000	2541	0	0.43	0	67.6	50.2	45.8
4-5 PM	2608	0.0	3000	2608	0	0.47	0	67.5	48.9	44.3
5-6 PM	2330	0.0	3000	2330	0	0.33	0	67.8	53.6	49.7
6-7 PM	1852	0.0	3000	1852	0	0.34	0	68.4	53.7	49.7
7-8 PM	1549	0.0	3000	1549	0	0.34	0	68.8	53.7	49.7
8-9 PM	1133	0.0	3000	1133	0	0.35	0	69.3	53.8	49.7
9-10 PM	865	0.0	3000	865	0	0.35	0	69.7	53.8	49.7
10-11 PM	605	0.0	3000	605	0	0.36	0	70.0	53.9	49.7
11PM-MID	335	0.0	3000	335	0	0.36	0	70.2	54.0	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

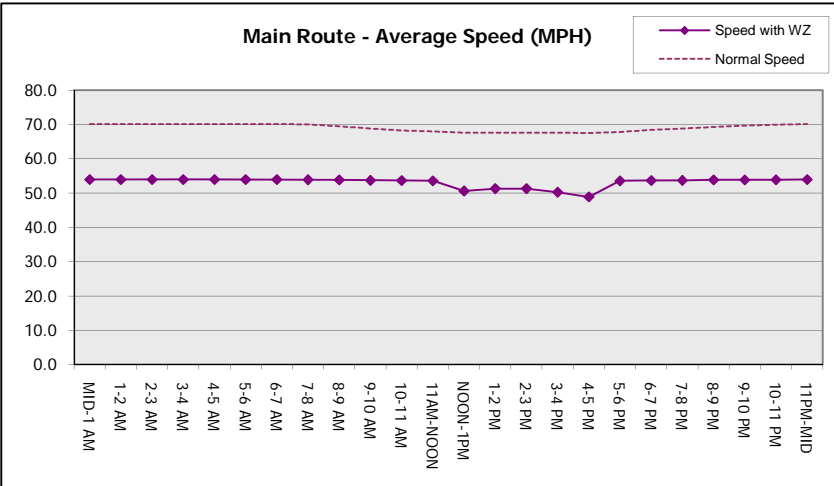
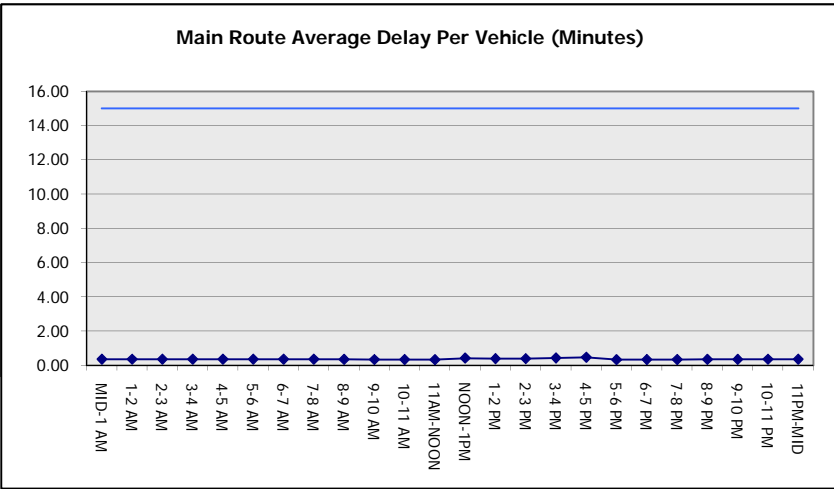
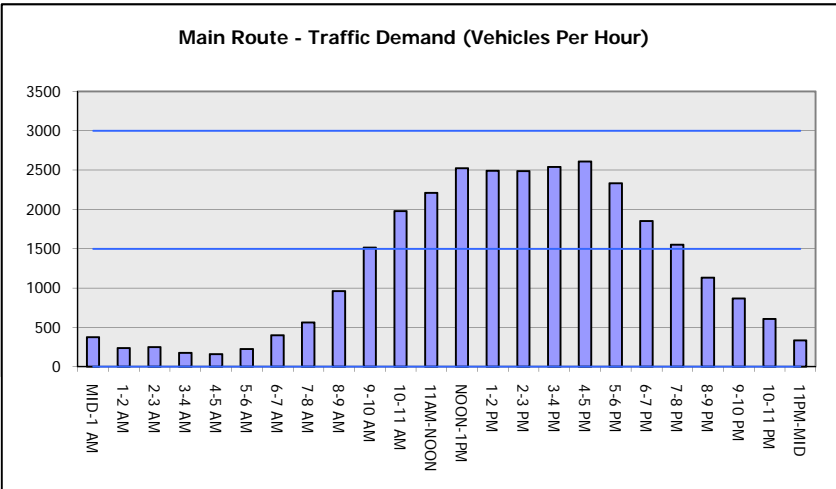
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0068
MAIN ROUTE WITH WORKS	0.0047
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,836
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**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

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



<b>USH 41: STH 114 TO BREEZEWOOD LN/BELL ST (WINNEBAGO COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	342	0.0	3000	342	0	0.36	0	70.2	54.0	49.7
1-2 AM	212	0.0	3000	212	0	0.36	0	70.2	54.0	49.7
2-3 AM	182	0.0	3000	182	0	0.36	0	70.2	54.0	49.7
3-4 AM	105	0.0	3000	105	0	0.36	0	70.2	54.0	49.7
4-5 AM	115	0.0	3000	115	0	0.36	0	70.2	54.0	49.7
5-6 AM	289	0.0	3000	289	0	0.36	0	70.2	54.0	49.7
6-7 AM	331	0.0	3000	331	0	0.36	0	70.2	54.0	49.7
7-8 AM	591	0.0	3000	591	0	0.36	0	70.0	53.9	49.7
8-9 AM	857	0.0	3000	857	0	0.35	0	69.7	53.8	49.7
9-10 AM	1273	0.0	3000	1273	0	0.35	0	69.2	53.8	49.7
10-11 AM	1790	0.0	3000	1790	0	0.34	0	68.5	53.7	49.7
11AM-NOON	2094	0.0	3000	2094	0	0.33	0	68.1	53.6	49.7
NOON-1PM	2205	0.0	3000	2205	0	0.33	0	68.0	53.6	49.7
1-2 PM	2102	0.0	3000	2102	0	0.33	0	68.1	53.6	49.7
2-3 PM	2012	0.0	3000	2012	0	0.33	0	68.2	53.7	49.7
3-4 PM	2187	0.0	3000	2187	0	0.33	0	68.0	53.6	49.7
4-5 PM	2094	0.0	3000	2094	0	0.33	0	68.1	53.6	49.7
5-6 PM	2067	0.0	3000	2067	0	0.33	0	68.2	53.6	49.7
6-7 PM	1876	0.0	3000	1876	0	0.34	0	68.4	53.7	49.7
7-8 PM	1521	0.0	3000	1521	0	0.34	0	68.9	53.7	49.7
8-9 PM	1215	0.0	3000	1215	0	0.35	0	69.2	53.8	49.7
9-10 PM	963	0.0	3000	963	0	0.35	0	69.6	53.8	49.7
10-11 PM	648	0.0	3000	648	0	0.36	0	69.9	53.9	49.7
11PM-MID	376	0.0	3000	376	0	0.36	0	70.2	54.0	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	0.0061
MAIN ROUTE WITH WORKS	0.0043
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,313
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**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

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

