

USH 41: STH 114 TO BREEZEWOOD LN/BELL ST (WINNEBAGO COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	291	0.0	3000	291	0	0.36	0	70.2	54.0	49.7
1-2 AM	201	0.0	3000	201	0	0.36	0	70.2	54.0	49.7
2-3 AM	236	0.0	3000	236	0	0.36	0	70.2	54.0	49.7
3-4 AM	270	0.0	3000	270	0	0.36	0	70.2	54.0	49.7
4-5 AM	423	0.0	3000	423	0	0.36	0	70.2	54.0	49.7
5-6 AM	939	0.0	OFF	939	0	0.00	0	69.6	69.6	69.6
6-7 AM	1988	0.0	OFF	1988	0	0.00	0	68.2	68.2	68.2
7-8 AM	2840	0.0	OFF	2840	0	0.00	0	67.2	67.2	67.2
8-9 AM	2420	0.0	OFF	2420	0	0.00	0	67.8	67.8	67.8
9-10 AM	1975	0.0	OFF	1975	0	0.00	0	68.3	68.3	68.3
10-11 AM	2042	0.0	OFF	2042	0	0.00	0	68.2	68.2	68.2
11AM-NOON	2176	0.0	OFF	2176	0	0.00	0	68.0	68.0	68.0
NOON-1PM	2378	0.0	OFF	2378	0	0.00	0	67.8	67.8	67.8
1-2 PM	2641	0.0	OFF	2641	0	0.00	0	67.4	67.4	67.4
2-3 PM	2954	0.0	OFF	2954	0	0.00	0	67.1	67.1	67.1
3-4 PM	3218	0.0	OFF	3218	0	0.00	0	66.8	66.8	66.8
4-5 PM	3485	0.0	OFF	3485	0	0.00	0	66.4	66.4	66.4
5-6 PM	3167	0.0	OFF	3167	0	0.00	0	66.8	66.8	66.8
6-7 PM	2188	0.0	OFF	2188	0	0.00	0	68.0	68.0	68.0
7-8 PM	1494	0.0	3000	1494	0	0.34	0	68.9	53.7	49.7
8-9 PM	1235	0.0	3000	1235	0	0.35	0	69.2	53.8	49.7
9-10 PM	1218	0.0	3000	1218	0	0.35	0	69.2	53.8	49.7
10-11 PM	981	0.0	3000	981	0	0.35	0	69.5	53.8	49.7
11PM-MID	613	0.0	3000	613	0	0.36	0	70.0	53.9	49.7

"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

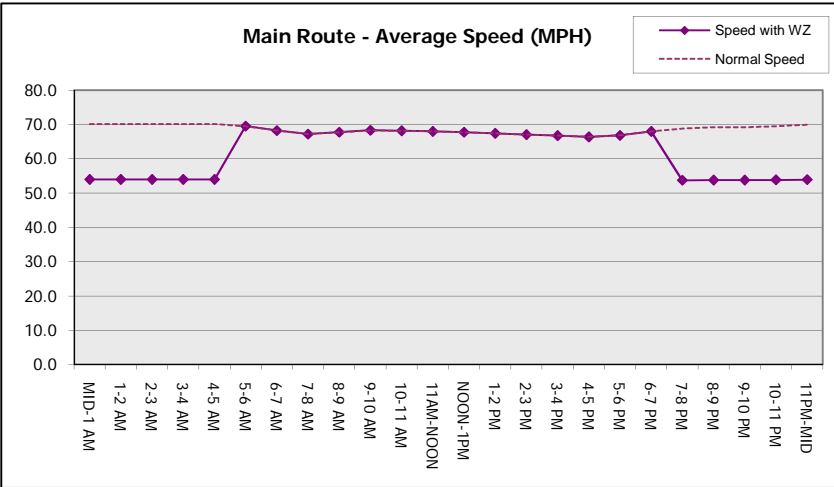
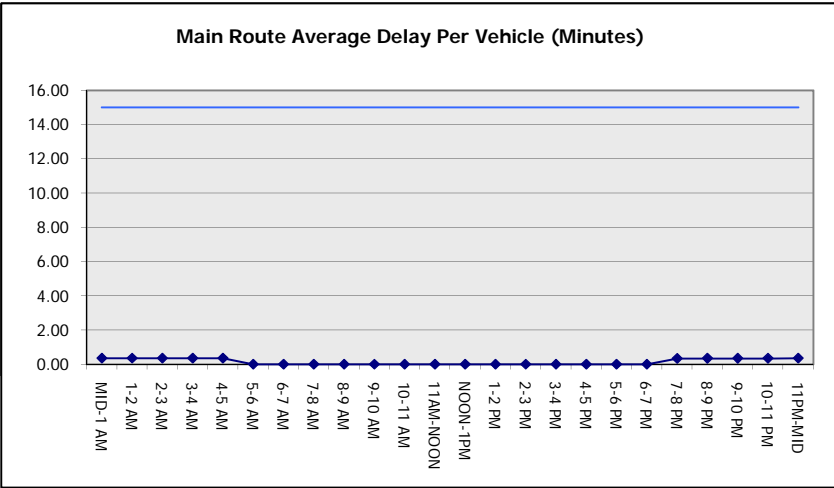
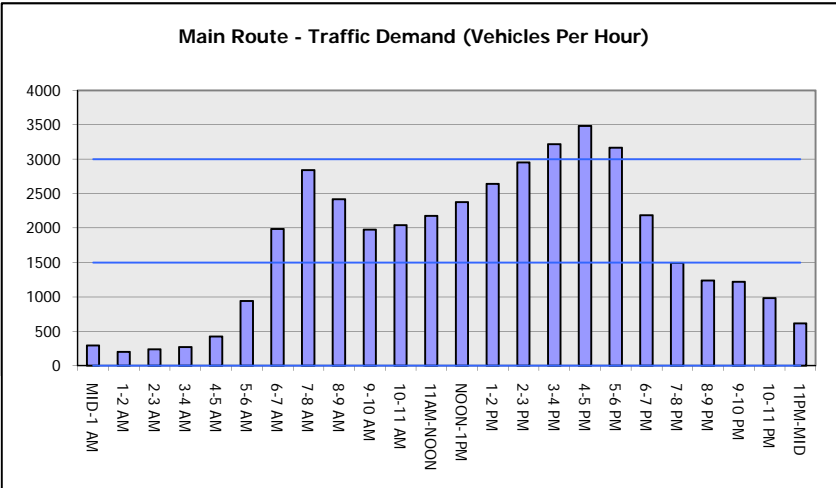
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0092
MAIN ROUTE WITH WORKS	0.0087
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$501
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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



USH 41: STH 114 TO BREEZEWOOD LN/BELL ST (WINNEBAGO COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	313	0.0	3000	313	0	0.36	0	70.2	54.0	49.7
1-2 AM	250	0.0	3000	250	0	0.36	0	70.2	54.0	49.7
2-3 AM	217	0.0	3000	217	0	0.36	0	70.2	54.0	49.7
3-4 AM	203	0.0	3000	203	0	0.36	0	70.2	54.0	49.7
4-5 AM	372	0.0	3000	372	0	0.36	0	70.2	54.0	49.7
5-6 AM	1004	0.0	OFF	1004	0	0.00	0	69.5	69.5	69.5
6-7 AM	1892	0.0	OFF	1892	0	0.00	0	68.4	68.4	68.4
7-8 AM	3083	0.0	OFF	3083	0	0.00	0	66.9	66.9	66.9
8-9 AM	2268	0.0	OFF	2268	0	0.00	0	67.9	67.9	67.9
9-10 AM	2170	0.0	OFF	2170	0	0.00	0	68.1	68.1	68.1
10-11 AM	2352	0.0	OFF	2352	0	0.00	0	67.8	67.8	67.8
11AM-NOON	2466	0.0	OFF	2466	0	0.00	0	67.7	67.7	67.7
NOON-1PM	2649	0.0	OFF	2649	0	0.00	0	67.4	67.4	67.4
1-2 PM	2773	0.0	OFF	2773	0	0.00	0	67.3	67.3	67.3
2-3 PM	3077	0.0	OFF	3077	0	0.00	0	66.9	66.9	66.9
3-4 PM	3470	0.0	OFF	3470	0	0.00	0	66.4	66.4	66.4
4-5 PM	3707	0.0	OFF	3707	0	0.00	0	65.5	65.5	65.5
5-6 PM	3548	0.0	OFF	3548	0	0.00	0	66.3	66.3	66.3
6-7 PM	2776	0.0	OFF	2776	0	0.00	0	67.3	67.3	67.3
7-8 PM	2210	0.0	3000	2210	0	0.33	0	68.0	53.6	49.7
8-9 PM	1717	0.0	3000	1717	0	0.34	0	68.6	53.7	49.7
9-10 PM	1264	0.0	3000	1264	0	0.35	0	69.2	53.8	49.7
10-11 PM	970	0.0	3000	970	0	0.35	0	69.6	53.8	49.7
11PM-MID	774	0.0	3000	774	0	0.35	0	69.8	53.9	49.7

"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	0.0101
MAIN ROUTE WITH WORKS	0.0096
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$585
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY NORTHBOUND DIRECTION

