

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

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	1500	373	0	0.52	0	70.2	48.9	44.0
1-2 AM	236	0.0	1500	236	0	0.50	0	70.2	49.4	44.5
2-3 AM	248	0.0	1500	248	0	0.50	0	70.2	49.4	44.5
3-4 AM	175	0.0	1500	175	0	0.49	0	70.2	49.7	44.8
4-5 AM	160	0.0	1500	160	0	0.49	0	70.2	49.7	44.8
5-6 AM	223	0.0	1500	223	0	0.50	0	70.2	49.5	44.6
6-7 AM	400	0.0	1500	400	0	0.52	0	70.2	48.9	43.9
7-8 AM	560	0.0	1500	560	0	0.54	0	70.0	48.3	43.3
8-9 AM	962	0.0	1499	962	0	0.58	0	69.6	46.9	41.8
9-10 AM	1515	0.0	OFF	1515	0	0.00	0	68.9	68.9	68.9
10-11 AM	1978	0.0	OFF	1978	0	0.00	0	68.2	68.2	68.2
11AM-NOON	2208	0.0	OFF	2208	0	0.00	0	68.0	68.0	68.0
NOON-1PM	2523	0.0	OFF	2523	0	0.00	0	67.6	67.6	67.6
1-2 PM	2489	0.0	OFF	2489	0	0.00	0	67.6	67.6	67.6
2-3 PM	2488	0.0	OFF	2488	0	0.00	0	67.6	67.6	67.6
3-4 PM	2541	0.0	OFF	2541	0	0.00	0	67.6	67.6	67.6
4-5 PM	2608	0.0	OFF	2608	0	0.00	0	67.5	67.5	67.5
5-6 PM	2330	0.0	OFF	2330	0	0.00	0	67.8	67.8	67.8
6-7 PM	1852	0.0	OFF	1852	0	0.00	0	68.4	68.4	68.4
7-8 PM	1549	0.0	1499	1549	0	2.84	47	68.8	20.6	30.8
8-9 PM	1133	0.0	1500	1133	0	0.77	4	69.3	42.4	39.4
9-10 PM	865	0.0	1500	865	0	0.57	0	69.7	47.2	42.2
10-11 PM	605	0.0	1500	605	0	0.54	0	70.0	48.1	43.1
11PM-MID	335	0.0	1500	335	0	0.51	0	70.2	49.1	44.2

"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

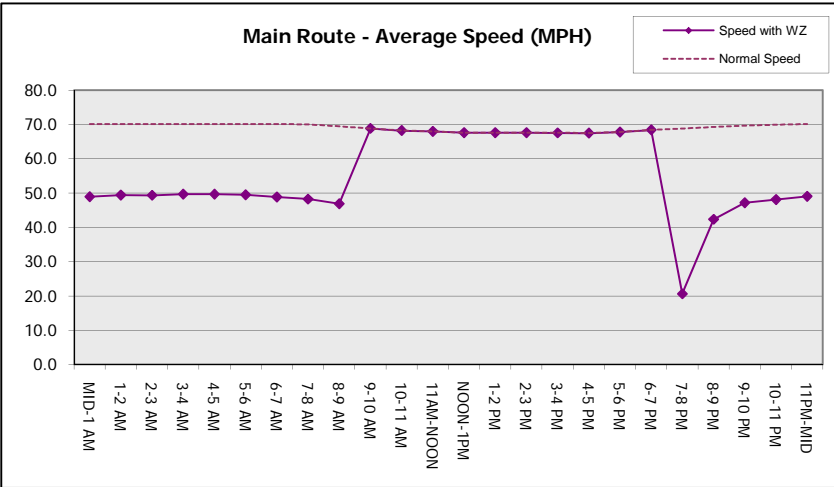
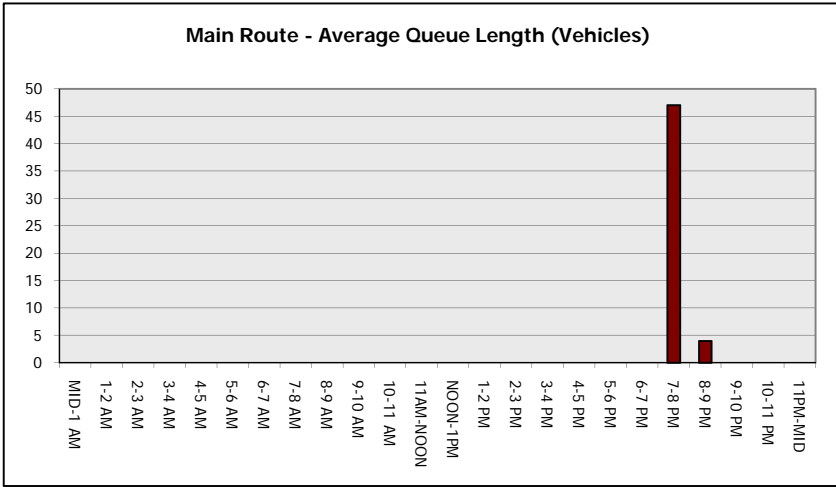
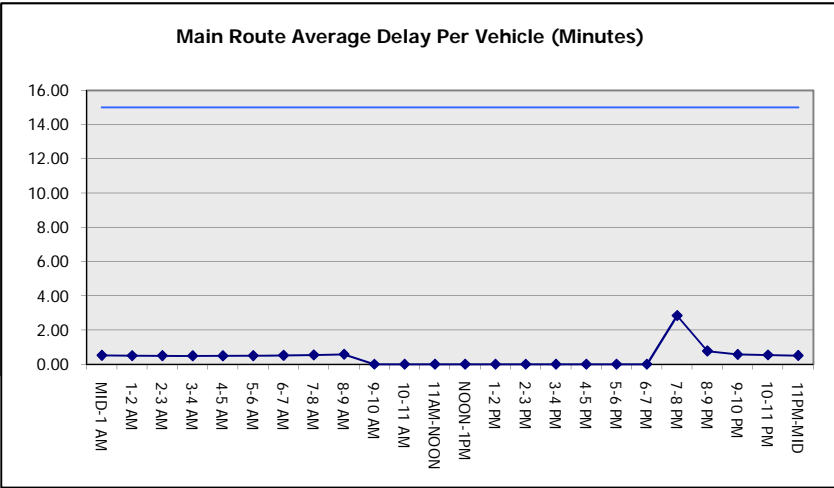
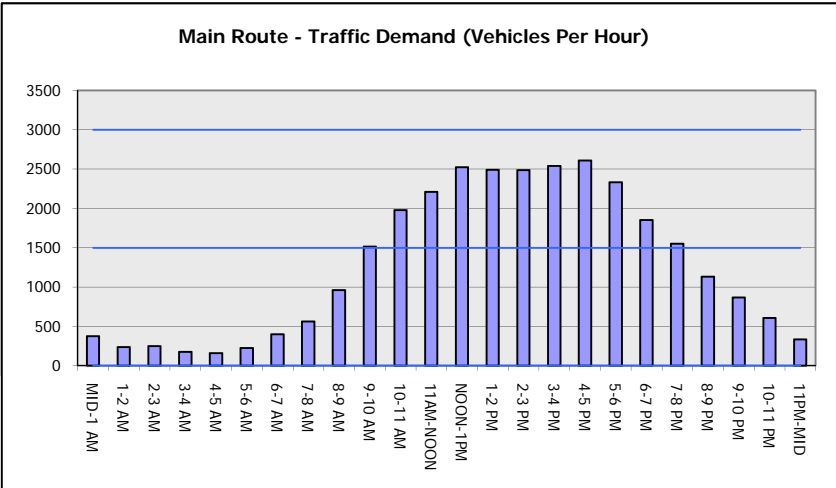
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0068
MAIN ROUTE WITH WORKS	0.0062
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,016
CONGESTED HOURS PER DAY*	0

*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
SUNDAY SOUTHBOUND DIRECTION



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

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	1500	342	0	0.51	0	70.2	49.1	44.1
1-2 AM	212	0.0	1500	212	0	0.50	0	70.2	49.5	44.6
2-3 AM	182	0.0	1500	182	0	0.49	0	70.2	49.6	44.8
3-4 AM	105	0.0	1500	105	0	0.49	0	70.2	49.9	45.1
4-5 AM	115	0.0	1500	115	0	0.49	0	70.2	49.9	45.0
5-6 AM	289	0.0	1500	289	0	0.51	0	70.2	49.2	44.3
6-7 AM	331	0.0	1500	331	0	0.51	0	70.2	49.1	44.2
7-8 AM	591	0.0	1500	591	0	0.54	0	70.0	48.2	43.2
8-9 AM	857	0.0	1500	857	0	0.57	0	69.7	47.3	42.2
9-10 AM	1273	0.0	OFF	1273	0	0.00	0	69.2	69.2	69.2
10-11 AM	1790	0.0	OFF	1790	0	0.00	0	68.5	68.5	68.5
11AM-NOON	2094	0.0	OFF	2094	0	0.00	0	68.1	68.1	68.1
NOON-1PM	2205	0.0	OFF	2205	0	0.00	0	68.0	68.0	68.0
1-2 PM	2102	0.0	OFF	2102	0	0.00	0	68.1	68.1	68.1
2-3 PM	2012	0.0	OFF	2012	0	0.00	0	68.2	68.2	68.2
3-4 PM	2187	0.0	OFF	2187	0	0.00	0	68.0	68.0	68.0
4-5 PM	2094	0.0	OFF	2094	0	0.00	0	68.1	68.1	68.1
5-6 PM	2067	0.0	OFF	2067	0	0.00	0	68.2	68.2	68.1
6-7 PM	1876	0.0	OFF	1876	0	0.00	0	68.4	68.4	68.4
7-8 PM	1521	0.0	1499	1521	0	2.26	30	68.9	24.1	30.9
8-9 PM	1215	0.0	1500	1215	0	0.75	0	69.2	42.7	38.1
9-10 PM	963	0.0	1500	963	0	0.58	0	69.6	46.9	41.8
10-11 PM	648	0.0	1500	648	0	0.55	0	69.9	47.9	43.0
11PM-MID	376	0.0	1500	376	0	0.52	0	70.2	48.9	44.0

"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	0.0061
MAIN ROUTE WITH WORKS	0.0056
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,770
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
SUNDAY NORTHBOUND DIRECTION

