

<b>USH 41: BREEZEWOOD LN/BELL ST TO STH 76 (WINNEBAGO COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	311	0.0	1500	311	0	0.45	0	65.8	60.1	44.2
1-2 AM	186	0.0	1500	186	0	0.44	0	66.0	60.4	44.7
2-3 AM	163	0.0	1500	163	0	0.44	0	66.1	60.5	44.8
3-4 AM	124	0.0	1500	124	0	0.43	0	66.1	60.5	45.0
4-5 AM	209	0.0	1500	209	0	0.44	0	66.0	60.4	44.6
5-6 AM	307	0.0	1500	307	0	0.45	0	65.8	60.1	44.3
6-7 AM	565	0.0	1500	565	0	0.48	0	65.3	59.4	43.3
7-8 AM	996	0.0	1500	996	0	0.52	0	64.5	58.2	41.7
8-9 AM	1358	0.0	OFF	1358	0	0.00	0	63.8	63.8	63.8
9-10 AM	1473	0.0	OFF	1473	0	0.00	0	63.7	63.7	63.7
10-11 AM	1688	0.0	OFF	1688	0	0.00	0	63.2	63.2	63.2
11AM-NOON	1702	0.0	OFF	1702	0	0.00	0	63.2	63.2	63.2
NOON-1PM	1757	0.0	OFF	1757	0	0.00	0	63.1	63.1	63.1
1-2 PM	1708	0.0	OFF	1708	0	0.00	0	63.2	63.2	63.2
2-3 PM	1729	0.0	OFF	1729	0	0.00	0	63.2	63.2	63.2
3-4 PM	1750	0.0	OFF	1750	0	0.00	0	63.2	63.2	63.2
4-5 PM	1575	0.0	OFF	1575	0	0.00	0	63.5	63.5	63.5
5-6 PM	1493	0.0	OFF	1493	0	0.00	0	63.6	63.6	63.6
6-7 PM	1230	0.0	1500	1230	0	0.68	0	64.1	56.3	37.5
7-8 PM	1016	0.0	1500	1016	0	0.52	0	64.5	58.2	41.6
8-9 PM	987	0.0	1500	987	0	0.52	0	64.5	58.3	41.7
9-10 PM	914	0.0	1500	914	0	0.51	0	64.7	58.5	42.0
10-11 PM	739	0.0	1500	739	0	0.49	0	65.0	58.9	42.6
11PM-MID	445	0.0	1500	445	0	0.47	0	65.6	59.7	43.7

"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	0.0202
MAIN ROUTE WITH WORKS	0.0197
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,018
CONGESTED HOURS PER DAY*	0

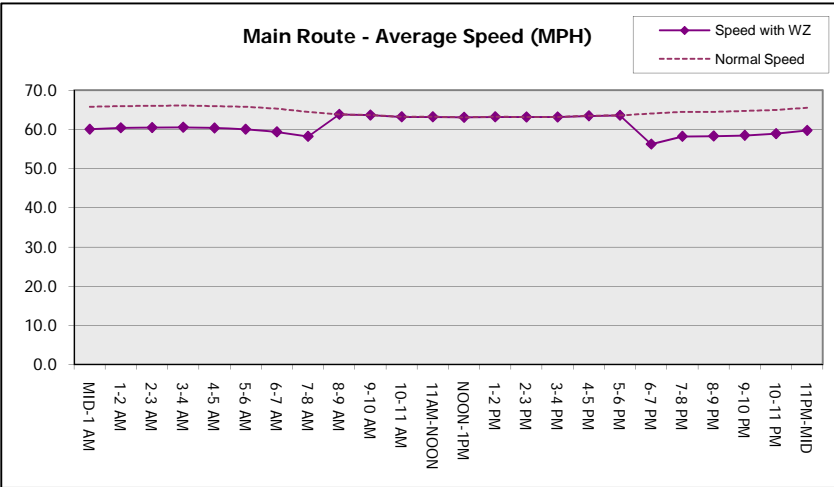
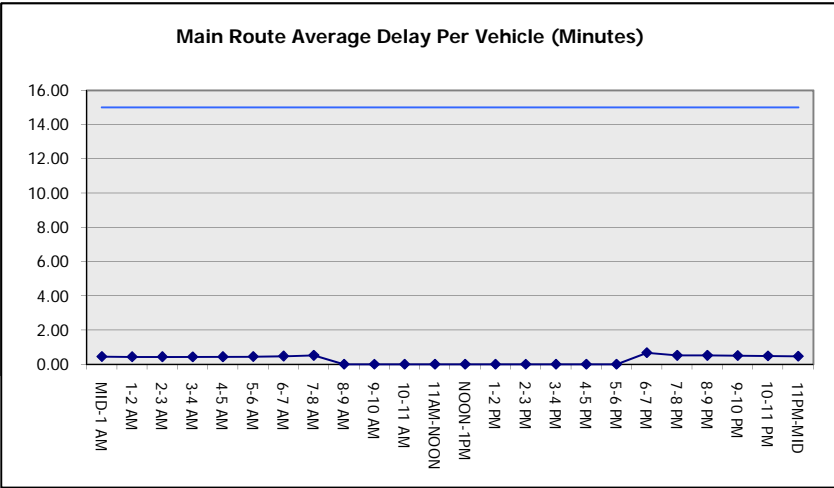
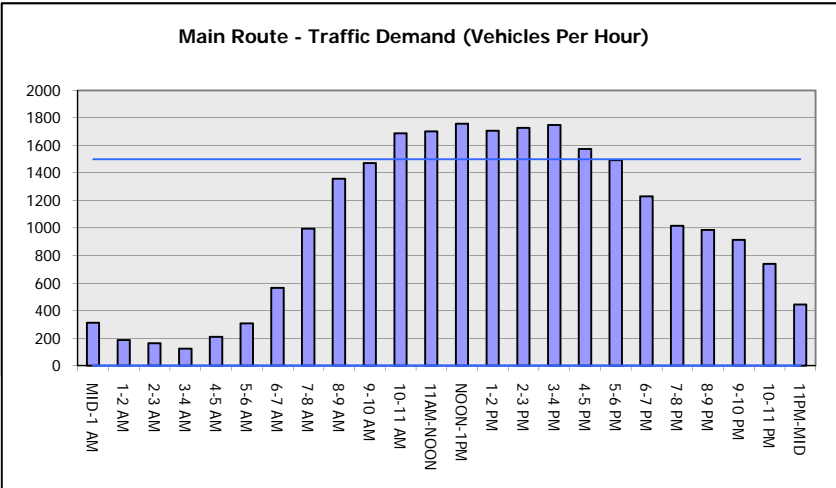
\*Delays Exceeding User-Specified Maximum

**USH 41: BREEZEWOOD LN/BELL ST TO STH 76 (WINNEBAGO COUNTY)**  
**NIGHTTIME CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**SATURDAY SOUTHBOUND DIRECTION**



<b>USH 41: BREEZEWOOD LN/BELL ST TO STH 76 (WINNEBAGO COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**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	343	0.0	1500	343	0	0.46	0	65.8	60.0	44.1
1-2 AM	233	0.0	1500	233	0	0.45	0	66.0	60.3	44.5
2-3 AM	187	0.0	1500	187	0	0.44	0	66.0	60.4	44.7
3-4 AM	137	0.0	1500	137	0	0.44	0	66.1	60.5	45.0
4-5 AM	162	0.0	1500	162	0	0.44	0	66.1	60.5	44.8
5-6 AM	348	0.0	1500	348	0	0.46	0	65.8	60.0	44.1
6-7 AM	564	0.0	1500	564	0	0.48	0	65.3	59.4	43.3
7-8 AM	983	0.0	1500	983	0	0.52	0	64.6	58.3	41.7
8-9 AM	1316	0.0	OFF	1316	0	0.00	0	64.0	64.0	64.0
9-10 AM	1577	0.0	OFF	1577	0	0.00	0	63.5	63.5	63.5
10-11 AM	1850	0.0	OFF	1850	0	0.00	0	63.0	63.0	63.0
11AM-NOON	2050	0.0	OFF	2050	0	0.00	0	62.5	62.5	62.5
NOON-1PM	2071	0.0	OFF	2071	0	0.00	0	62.5	62.5	62.5
1-2 PM	1982	0.0	OFF	1982	0	0.00	0	62.7	62.7	62.7
2-3 PM	1997	0.0	OFF	1997	0	0.00	0	62.7	62.7	62.7
3-4 PM	1896	0.0	OFF	1896	0	0.00	0	62.8	62.8	62.8
4-5 PM	1944	0.0	OFF	1944	0	0.00	0	62.8	62.8	62.8
5-6 PM	1712	0.0	OFF	1712	0	0.00	0	63.2	63.2	63.2
6-7 PM	1404	0.0	1500	1404	0	0.90	0	63.8	53.8	32.9
7-8 PM	1097	0.0	1500	1097	0	0.53	0	64.3	58.0	41.4
8-9 PM	912	0.0	1500	912	0	0.51	0	64.7	58.5	42.0
9-10 PM	833	0.0	1500	833	0	0.50	0	64.8	58.7	42.3
10-11 PM	693	0.0	1500	693	0	0.49	0	65.1	59.1	42.8
11PM-MID	472	0.0	1500	472	0	0.47	0	65.5	59.6	43.6

**"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	0.0222
MAIN ROUTE WITH WORKS	0.0216
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,120
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**USH 41: BREEZEWOOD LN/BELL ST TO STH 76 (WINNEBAGO COUNTY)**  
**NIGHTTIME CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

