

<b>USH 41: USH 10 TO STH 114 (WINNEBAGO COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  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	463	0.0	3000	463	0	0.36	0	70.2	61.8	49.7
1-2 AM	278	0.0	3000	278	0	0.36	0	70.2	61.8	49.7
2-3 AM	242	0.0	3000	242	0	0.36	0	70.2	61.8	49.7
3-4 AM	184	0.0	3000	184	0	0.36	0	70.2	61.8	49.7
4-5 AM	311	0.0	3000	311	0	0.36	0	70.2	61.8	49.7
5-6 AM	456	0.0	3000	456	0	0.36	0	70.2	61.8	49.7
6-7 AM	841	0.0	3000	841	0	0.35	0	69.7	61.5	49.7
7-8 AM	1482	0.0	3000	1482	0	0.34	0	68.9	61.1	49.7
8-9 AM	2022	0.0	3000	2022	0	0.33	0	68.2	60.8	49.7
9-10 AM	2193	0.0	3000	2193	0	0.33	0	68.0	60.7	49.7
10-11 AM	2513	0.0	3000	2513	0	0.41	0	67.6	58.8	46.5
11AM-NOON	2532	0.0	3000	2532	0	0.42	0	67.6	58.6	46.0
NOON-1PM	2615	0.0	3000	2615	0	0.48	0	67.5	57.5	44.2
1-2 PM	2542	0.0	3000	2542	0	0.43	0	67.6	58.4	45.8
2-3 PM	2575	0.0	3000	2575	0	0.45	0	67.6	58.1	45.1
3-4 PM	2605	0.0	3000	2605	0	0.47	0	67.5	57.6	44.4
4-5 PM	2344	0.0	3000	2344	0	0.33	0	67.8	60.5	49.7
5-6 PM	2223	0.0	3000	2223	0	0.33	0	68.0	60.6	49.7
6-7 PM	1831	0.0	3000	1831	0	0.34	0	68.4	60.9	49.7
7-8 PM	1512	0.0	3000	1512	0	0.34	0	68.9	61.1	49.7
8-9 PM	1470	0.0	3000	1470	0	0.34	0	68.9	61.1	49.7
9-10 PM	1361	0.0	3000	1361	0	0.34	0	69.1	61.2	49.7
10-11 PM	1100	0.0	3000	1100	0	0.35	0	69.4	61.4	49.7
11PM-MID	662	0.0	3000	662	0	0.36	0	69.9	61.7	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	0.0179
MAIN ROUTE WITH WORKS	0.0155
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

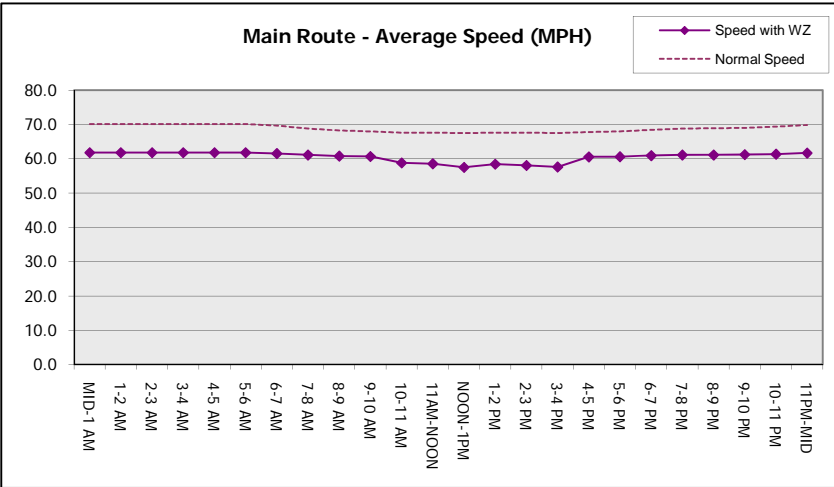
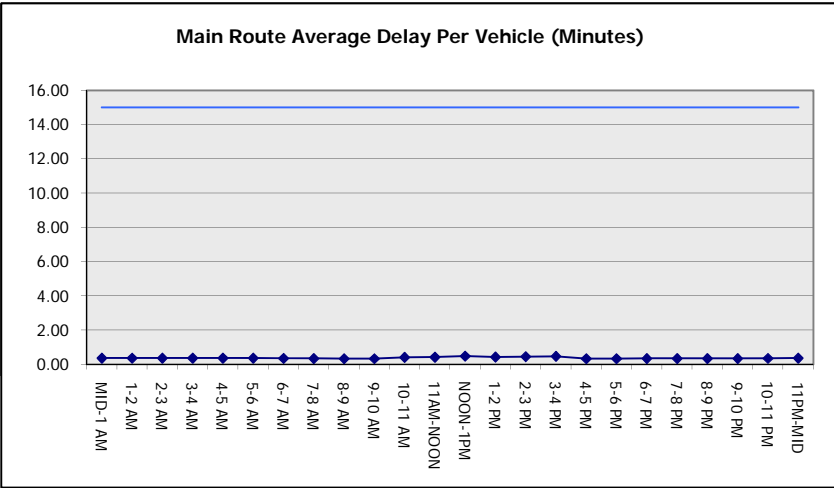
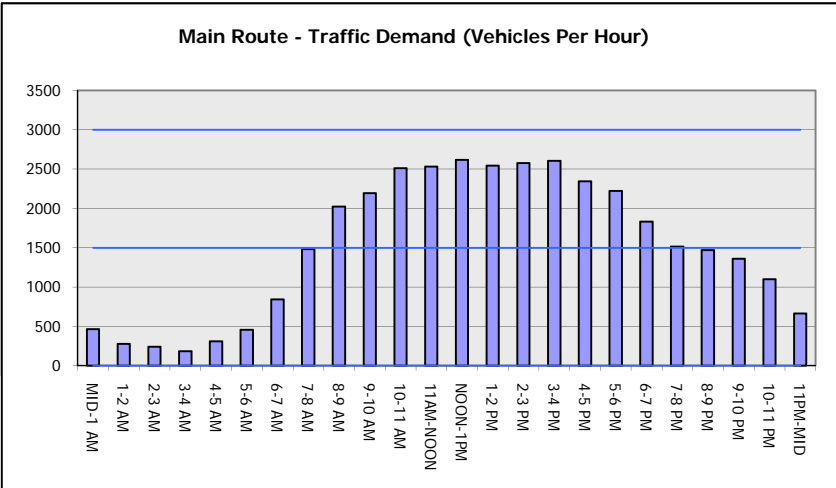
ROAD USER COSTS PER DAY	\$3,645
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
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Construction Season

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



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	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	511	0.0	3000	511	0	0.36	0	70.1	61.7	49.7
1-2 AM	346	0.0	3000	346	0	0.36	0	70.2	61.8	49.7
2-3 AM	279	0.0	3000	279	0	0.36	0	70.2	61.8	49.7
3-4 AM	204	0.0	3000	204	0	0.36	0	70.2	61.8	49.7
4-5 AM	241	0.0	3000	241	0	0.36	0	70.2	61.8	49.7
5-6 AM	518	0.0	3000	518	0	0.36	0	70.1	61.7	49.7
6-7 AM	839	0.0	3000	839	0	0.35	0	69.7	61.5	49.7
7-8 AM	1464	0.0	3000	1464	0	0.34	0	68.9	61.1	49.7
8-9 AM	1959	0.0	3000	1959	0	0.34	0	68.3	60.8	49.7
9-10 AM	2347	0.0	3000	2347	0	0.33	0	67.8	60.5	49.7
10-11 AM	2754	0.0	2999	2754	0	0.57	0	67.3	55.8	41.5
11AM-NOON	3052	0.0	2999	3052	0	1.00	15	66.9	49.2	37.3
NOON-1PM	3082	0.0	3000	3082	0	2.45	96	66.9	35.6	37.3
1-2 PM	2950	0.0	2999	2950	0	2.77	112	67.1	33.5	37.3
2-3 PM	2973	0.0	3000	2973	0	2.09	75	67.1	38.3	37.3
3-4 PM	2823	0.0	3000	2823	0	0.78	9	67.3	52.4	39.8
4-5 PM	2895	0.0	3000	2895	0	0.66	0	67.1	54.2	38.9
5-6 PM	2548	0.0	3000	2548	0	0.43	0	67.6	58.4	45.7
6-7 PM	2090	0.0	3000	2090	0	0.33	0	68.1	60.7	49.7
7-8 PM	1634	0.0	3000	1634	0	0.34	0	68.7	61.0	49.7
8-9 PM	1357	0.0	3000	1357	0	0.35	0	69.1	61.2	49.7
9-10 PM	1239	0.0	3000	1239	0	0.35	0	69.2	61.3	49.7
10-11 PM	1031	0.0	3000	1031	0	0.35	0	69.4	61.4	49.7
11PM-MID	703	0.0	3000	703	0	0.36	0	69.9	61.6	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	0.0197
MAIN ROUTE WITH WORKS	0.0170
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$9,812
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**SATURDAY NORTHBOUND DIRECTION**

