

<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**

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	447	0.0	3000	447	0	0.36	0	70.2	61.8	49.7
1-2 AM	283	0.0	3000	283	0	0.36	0	70.2	61.8	49.7
2-3 AM	298	0.0	3000	298	0	0.36	0	70.2	61.8	49.7
3-4 AM	210	0.0	3000	210	0	0.36	0	70.2	61.8	49.7
4-5 AM	190	0.0	3000	190	0	0.36	0	70.2	61.8	49.7
5-6 AM	268	0.0	3000	268	0	0.36	0	70.2	61.8	49.7
6-7 AM	480	0.0	3000	480	0	0.36	0	70.1	61.8	49.7
7-8 AM	671	0.0	3000	671	0	0.36	0	69.9	61.7	49.7
8-9 AM	1152	0.0	3000	1152	0	0.35	0	69.3	61.4	49.7
9-10 AM	1816	0.0	3000	1816	0	0.34	0	68.5	60.9	49.7
10-11 AM	2371	0.0	3000	2371	0	0.33	0	67.8	60.5	49.7
11AM-NOON	2646	0.0	2999	2646	0	0.50	0	67.4	57.1	43.6
NOON-1PM	3024	0.0	2999	3024	0	0.87	8	67.0	51.0	37.4
1-2 PM	2983	0.0	2999	2983	0	1.20	26	67.0	46.8	37.3
2-3 PM	2982	0.0	3000	2982	0	0.83	5	67.0	51.7	37.4
3-4 PM	3045	0.0	2999	3045	0	1.04	18	66.9	48.7	37.3
4-5 PM	3125	0.0	3000	3125	0	2.76	115	66.8	33.5	37.3
5-6 PM	2792	0.0	2999	2792	0	2.16	96	67.3	37.8	39.2
6-7 PM	2219	0.0	3000	2219	0	0.33	0	68.0	60.6	49.7
7-8 PM	1856	0.0	3000	1856	0	0.34	0	68.4	60.9	49.7
8-9 PM	1359	0.0	3000	1359	0	0.34	0	69.1	61.2	49.7
9-10 PM	1037	0.0	3000	1037	0	0.35	0	69.4	61.4	49.7
10-11 PM	726	0.0	3000	726	0	0.35	0	69.8	61.6	49.7
11PM-MID	400	0.0	3000	400	0	0.36	0	70.2	61.8	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

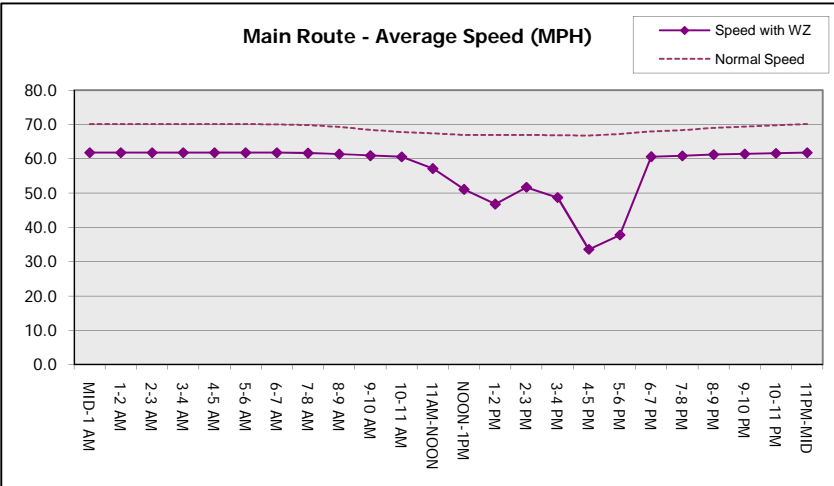
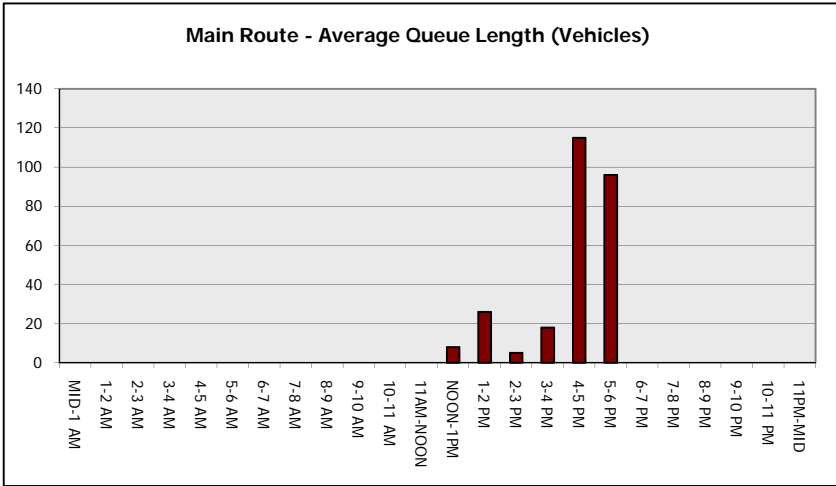
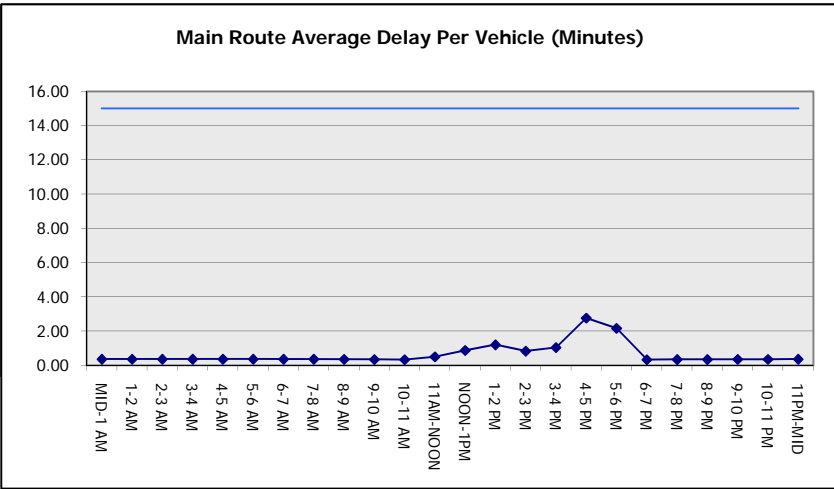
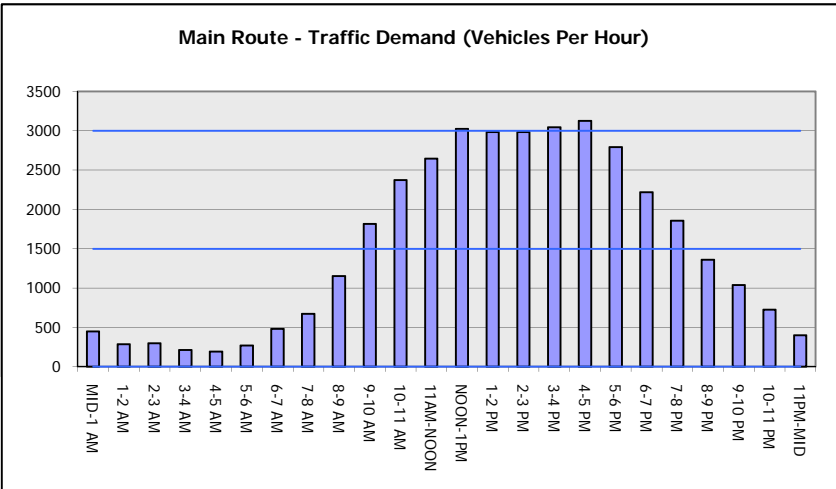
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0180
MAIN ROUTE WITH WORKS	0.0155
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$8,875
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
Construction Season

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



<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**

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	410	0.0	3000	410	0	0.36	0	70.2	61.8	49.7
1-2 AM	253	0.0	3000	253	0	0.36	0	70.2	61.8	49.7
2-3 AM	219	0.0	3000	219	0	0.36	0	70.2	61.8	49.7
3-4 AM	126	0.0	3000	126	0	0.36	0	70.2	61.8	49.7
4-5 AM	139	0.0	3000	139	0	0.36	0	70.2	61.8	49.7
5-6 AM	346	0.0	3000	346	0	0.36	0	70.2	61.8	49.7
6-7 AM	397	0.0	3000	397	0	0.36	0	70.2	61.8	49.7
7-8 AM	708	0.0	3000	708	0	0.36	0	69.9	61.6	49.7
8-9 AM	1026	0.0	3000	1026	0	0.35	0	69.4	61.4	49.7
9-10 AM	1527	0.0	3000	1527	0	0.34	0	68.8	61.1	49.7
10-11 AM	2146	0.0	3000	2146	0	0.33	0	68.1	60.7	49.7
11AM-NOON	2510	0.0	3000	2510	0	0.41	0	67.6	58.9	46.6
NOON-1PM	2644	0.0	3000	2644	0	0.50	0	67.4	57.2	43.6
1-2 PM	2519	0.0	3000	2519	0	0.41	0	67.6	58.7	46.3
2-3 PM	2411	0.0	3000	2411	0	0.34	0	67.8	60.2	49.1
3-4 PM	2621	0.0	3000	2621	0	0.48	0	67.5	57.4	44.1
4-5 PM	2510	0.0	3000	2510	0	0.41	0	67.6	58.9	46.6
5-6 PM	2477	0.0	3000	2477	0	0.39	0	67.6	59.3	47.4
6-7 PM	2247	0.0	3000	2247	0	0.33	0	67.9	60.6	49.7
7-8 PM	1823	0.0	3000	1823	0	0.34	0	68.5	60.9	49.7
8-9 PM	1456	0.0	3000	1456	0	0.34	0	68.9	61.2	49.7
9-10 PM	1154	0.0	3000	1154	0	0.35	0	69.3	61.4	49.7
10-11 PM	776	0.0	3000	776	0	0.35	0	69.7	61.6	49.7
11PM-MID	451	0.0	3000	451	0	0.36	0	70.2	61.8	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	0.0162
MAIN ROUTE WITH WORKS	0.0141
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,383
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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

