

USH 41: USH 10 TO STH 114 (WINNEBAGO COUNTY) NIGHTTIME 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	1500	463	0	0.53	0	70.2	58.5	43.7	
1-2 AM	278	0.0	1500	278	0	0.51	0	70.2	58.9	44.4	
2-3 AM	242	0.0	1500	242	0	0.50	0	70.2	59.0	44.5	
3-4 AM	184	0.0	1500	184	0	0.49	0	70.2	59.1	44.8	
4-5 AM	311	0.0	1500	311	0	0.51	0	70.2	58.8	44.2	
5-6 AM	456	0.0	1500	456	0	0.53	0	70.2	58.5	43.7	
6-7 AM	841	0.0	1500	841	0	0.57	0	69.7	57.4	42.2	
7-8 AM	1482	0.0	1499	1482	0	1.48	16	68.9	44.5	32.7	
8-9 AM	2022	0.0	OFF	2022	0	0.01	0	68.2	68.0	68.0	
9-10 AM	2193	0.0	OFF	2193	0	0.00	0	68.0	68.0	68.0	
10-11 AM	2513	0.0	OFF	2513	0	0.00	0	67.6	67.6	67.6	
11AM-NOON	2532	0.0	OFF	2532	0	0.00	0	67.6	67.6	67.6	
NOON-1PM	2615	0.0	OFF	2615	0	0.00	0	67.5	67.5	67.5	
1-2 PM	2542	0.0	OFF	2542	0	0.00	0	67.6	67.6	67.6	
2-3 PM	2575	0.0	OFF	2575	0	0.00	0	67.6	67.6	67.6	
3-4 PM	2605	0.0	OFF	2605	0	0.00	0	67.5	67.5	67.5	
4-5 PM	2344	0.0	OFF	2344	0	0.00	0	67.8	67.8	67.8	
5-6 PM	2223	0.0	OFF	2223	0	0.00	0	68.0	68.0	68.0	
6-7 PM	1831	0.0	1499	1831	0	7.33	187	68.4	18.5	30.8	
7-8 PM	1512	0.0	1499	1512	0	14.42	348	68.9	10.9	30.8	
8-9 PM	1470	0.0	1500	1470	0	13.82	333	68.9	11.2	30.8	
9-10 PM	1361	0.0	1499	1361	0	10.70	255	69.1	13.9	30.8	
10-11 PM	1100	0.0	1499	1100	0	1.81	48	69.4	41.4	38.1	
11PM-MID	662	0.0	1500	662	0	0.55	0	69.9	57.9	42.9	

"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

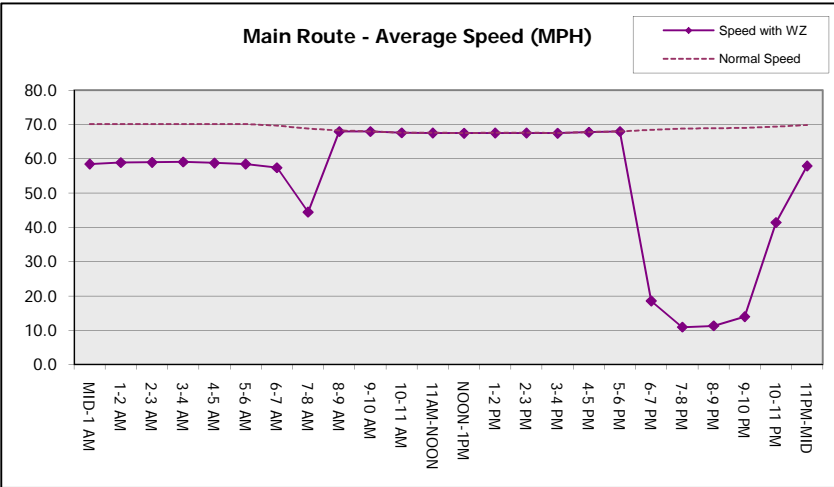
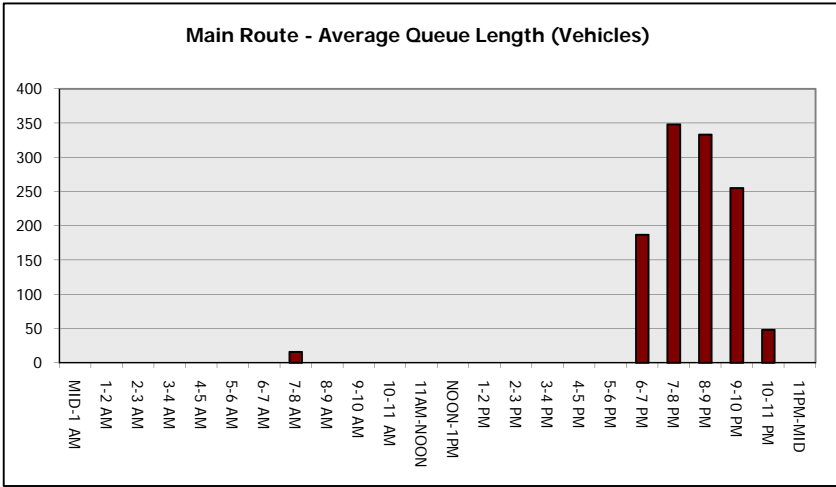
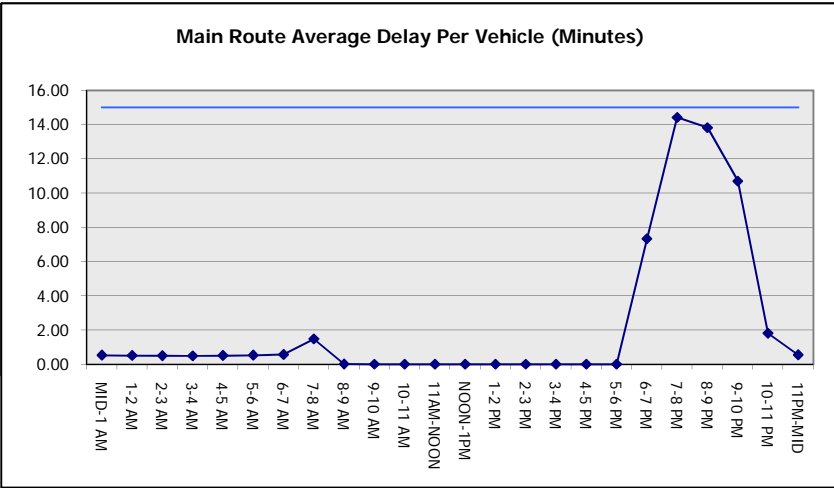
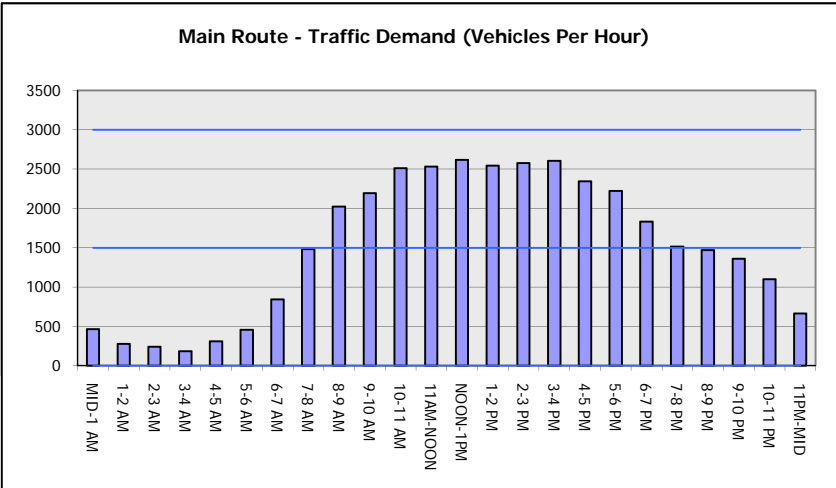
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0179
MAIN ROUTE WITH WORKS	0.0171
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$20,733
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**USH 41: USH 10 TO STH 114 (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
SATURDAY SOUTHBOUND DIRECTION



USH 41: USH 10 TO STH 114 (WINNEBAGO COUNTY) NIGHTTIME 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	1500	511	0	0.53	0	70.1	58.4	43.5
1-2 AM	346	0.0	1500	346	0	0.51	0	70.2	58.7	44.1
2-3 AM	279	0.0	1500	279	0	0.51	0	70.2	58.9	44.3
3-4 AM	204	0.0	1500	204	0	0.50	0	70.2	59.1	44.6
4-5 AM	241	0.0	1500	241	0	0.50	0	70.2	59.0	44.5
5-6 AM	518	0.0	1500	518	0	0.53	0	70.1	58.3	43.4
6-7 AM	839	0.0	1500	839	0	0.57	0	69.7	57.4	42.2
7-8 AM	1464	0.0	1499	1464	0	1.39	12	68.9	45.5	32.9
8-9 AM	1959	0.0	OFF	1959	0	0.01	0	68.3	68.1	68.1
9-10 AM	2347	0.0	OFF	2347	0	0.00	0	67.8	67.8	67.8
10-11 AM	2754	0.0	OFF	2754	0	0.00	0	67.3	67.3	67.3
11AM-NOON	3052	0.0	OFF	3052	0	0.00	0	66.9	66.9	66.9
NOON-1PM	3082	0.0	OFF	3082	0	0.00	0	66.9	66.9	66.9
1-2 PM	2950	0.0	OFF	2950	0	0.00	0	67.1	67.1	67.1
2-3 PM	2973	0.0	OFF	2973	0	0.00	0	67.1	67.1	67.1
3-4 PM	2823	0.0	OFF	2823	0	0.00	0	67.3	67.3	67.3
4-5 PM	2895	0.0	OFF	2895	0	0.00	0	67.1	67.1	67.1
5-6 PM	2548	0.0	OFF	2548	0	0.00	0	67.6	67.6	67.6
6-7 PM	2090	0.0	1499	1852	238	10.84+	287	68.1	13.7	30.8
7-8 PM	1634	0.0	1500	1543	90	16.17+	394	68.7	9.9	30.8
8-9 PM	1357	0.0	1499	1357	0	13.78+	335	69.1	11.3	30.8
9-10 PM	1239	0.0	1499	1239	0	5.00	131	69.2	24.2	33.0
10-11 PM	1031	0.0	1500	1031	0	0.59	0	69.4	56.9	41.5
11PM-MID	703	0.0	1500	703	0	0.55	0	69.9	57.8	42.7

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0197
MAIN ROUTE WITH WORKS	0.0187
'DIVERSION'	0.0004

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$21,397
CONGESTED HOURS PER DAY*	3

*Delays Exceeding User-Specified Maximum

**USH 41: USH 10 TO STH 114 (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
SATURDAY NORTHBOUND DIRECTION

