

USH 41: STH 44 TO STH 26 (WINNEBAGO COUNTY) NIGHTTIME 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	190	0.0	1500	190	0	0.44	0	66.0	56.0	44.7
1-2 AM	136	0.0	1500	136	0	0.44	0	66.1	56.1	45.0
2-3 AM	121	0.0	1500	121	0	0.43	0	66.1	56.2	45.0
3-4 AM	93	0.0	1500	93	0	0.43	0	66.2	56.3	45.1
4-5 AM	97	0.0	1500	97	0	0.43	0	66.2	56.3	45.1
5-6 AM	178	0.0	1500	178	0	0.44	0	66.1	56.0	44.8
6-7 AM	316	0.0	1500	316	0	0.45	0	65.8	55.6	44.2
7-8 AM	447	0.0	1500	447	0	0.47	0	65.6	55.1	43.7
8-9 AM	796	0.0	1500	796	0	0.50	0	64.9	54.1	42.4
9-10 AM	1221	0.0	OFF	1221	0	0.00	0	64.1	64.1	64.1
10-11 AM	1591	0.0	OFF	1591	0	0.00	0	63.4	63.4	63.4
11AM-NOON	1723	0.0	OFF	1723	0	0.00	0	63.2	63.2	63.2
NOON-1PM	1872	0.0	OFF	1872	0	0.00	0	62.9	62.9	62.9
1-2 PM	1856	0.0	OFF	1856	0	0.00	0	62.9	62.9	62.9
2-3 PM	1968	0.0	OFF	1968	0	0.00	0	62.7	62.7	62.7
3-4 PM	1982	0.0	OFF	1982	0	0.00	0	62.7	62.7	62.7
4-5 PM	1940	0.0	OFF	1940	0	0.00	0	62.8	62.8	62.8
5-6 PM	1802	0.0	OFF	1802	0	0.00	0	63.0	63.0	63.0
6-7 PM	1406	0.0	OFF	1406	0	0.00	0	63.8	63.8	63.8
7-8 PM	1158	0.0	1500	1158	0	0.58	0	64.2	52.2	39.9
8-9 PM	834	0.0	1500	834	0	0.50	0	64.8	54.0	42.3
9-10 PM	573	0.0	1500	573	0	0.48	0	65.3	54.8	43.2
10-11 PM	432	0.0	1500	432	0	0.46	0	65.6	55.2	43.8
11PM-MID	226	0.0	1500	226	0	0.44	0	66.0	55.9	44.6

"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

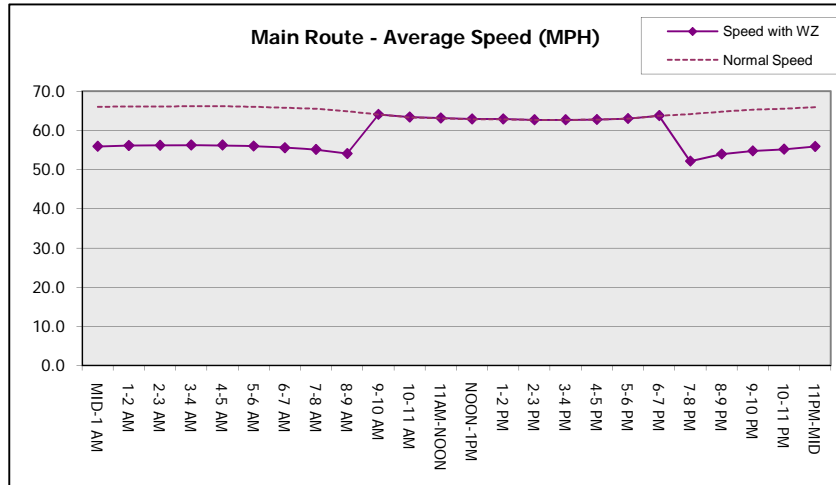
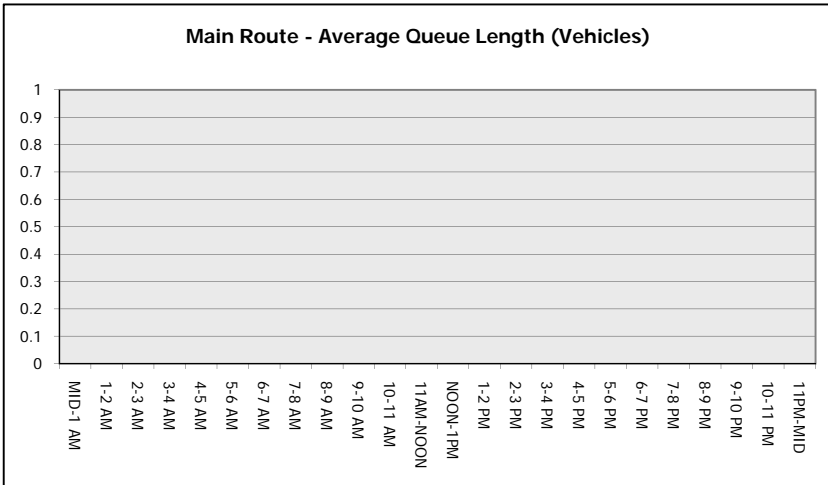
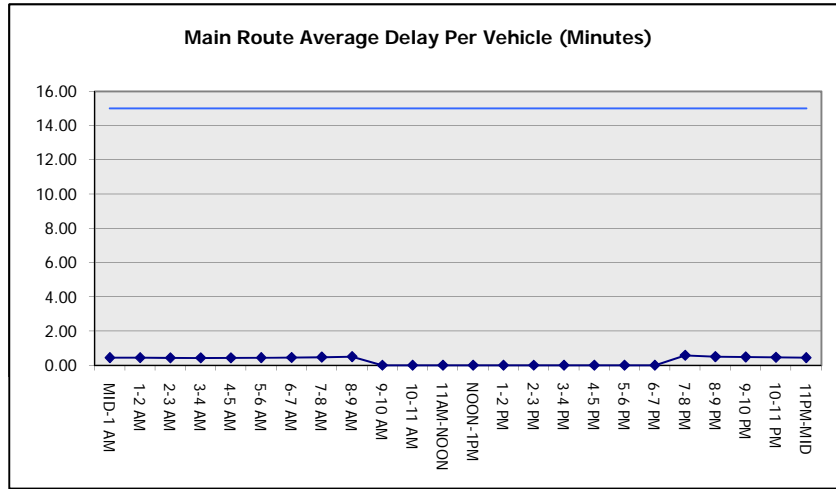
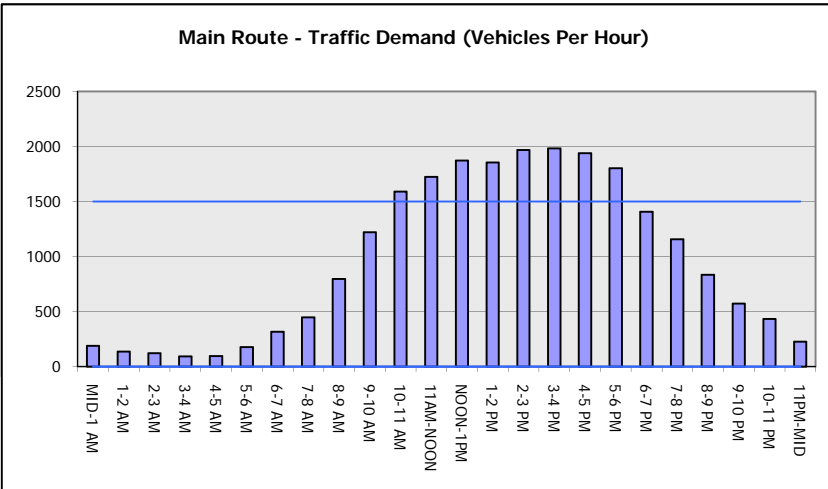
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0099
MAIN ROUTE WITH WORKS	0.0095
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$657
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**USH 41: STH 44 TO STH 26 (WINNEBAGO COUNTY)
NIGHTTIME 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 44 TO STH 26 (WINNEBAGO COUNTY) NIGHTTIME 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	183	0.0	1500	183	0	0.44	0	66.1	56.0	44.8
1-2 AM	113	0.0	1500	113	0	0.43	0	66.2	56.2	45.0
2-3 AM	97	0.0	1500	97	0	0.43	0	66.2	56.3	45.1
3-4 AM	59	0.0	1500	59	0	0.43	0	66.3	56.4	45.3
4-5 AM	77	0.0	1500	77	0	0.43	0	66.3	56.3	45.2
5-6 AM	203	0.0	1500	203	0	0.44	0	66.0	56.0	44.6
6-7 AM	251	0.0	1500	251	0	0.45	0	65.9	55.8	44.5
7-8 AM	409	0.0	1500	409	0	0.46	0	65.6	55.3	43.8
8-9 AM	590	0.0	1500	590	0	0.48	0	65.3	54.7	43.2
9-10 AM	880	0.0	OFF	880	0	0.00	0	64.8	64.8	64.8
10-11 AM	1134	0.0	OFF	1134	0	0.00	0	64.3	64.3	64.3
11AM-NOON	1327	0.0	OFF	1327	0	0.00	0	63.9	63.9	63.9
NOON-1PM	1437	0.0	OFF	1437	0	0.00	0	63.7	63.7	63.7
1-2 PM	1374	0.0	OFF	1374	0	0.00	0	63.8	63.8	63.8
2-3 PM	1309	0.0	OFF	1309	0	0.00	0	64.0	64.0	64.0
3-4 PM	1297	0.0	OFF	1297	0	0.00	0	64.0	64.0	64.0
4-5 PM	1306	0.0	OFF	1306	0	0.00	0	64.0	64.0	64.0
5-6 PM	1324	0.0	OFF	1324	0	0.00	0	63.9	63.9	63.9
6-7 PM	1191	0.0	OFF	1191	0	0.00	0	64.1	64.1	64.1
7-8 PM	954	0.0	1500	954	0	0.51	0	64.6	53.6	41.9
8-9 PM	766	0.0	1500	766	0	0.50	0	65.0	54.2	42.5
9-10 PM	581	0.0	1500	581	0	0.48	0	65.3	54.8	43.2
10-11 PM	401	0.0	1500	401	0	0.46	0	65.6	55.3	43.9
11PM-MID	236	0.0	1500	236	0	0.45	0	66.0	55.8	44.5

"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	0.0075
MAIN ROUTE WITH WORKS	0.0072
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$556
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

**USH 41: STH 44 TO STH 26 (WINNEBAGO COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY NORTHBOUND DIRECTION

