

<b>USH 41: STH 44 TO STH 26 (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**

MON-THUR                  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	143	0.0	1500	143	0	0.44	0	66.1	56.1	44.9	
1-2 AM	124	0.0	1500	124	0	0.43	0	66.1	56.2	45.0	
2-3 AM	121	0.0	1500	121	0	0.43	0	66.1	56.2	45.0	
3-4 AM	154	0.0	1500	154	0	0.44	0	66.1	56.1	44.8	
4-5 AM	312	0.0	1500	312	0	0.45	0	65.8	55.6	44.2	
5-6 AM	734	0.0	1500	734	0	0.49	0	65.0	54.3	42.6	
6-7 AM	1362	0.0	1499	1362	0	0.87	1	63.8	47.6	34.4	
7-8 AM	1925	0.0	1500	1925	0	7.51	212	62.8	16.5	30.8	
8-9 AM	1535	0.0	1499	1468	67	16.27+	411	63.5	9.8	30.8	
9-10 AM	1339	0.0	1499	1339	0	12.93+	324	63.9	11.1	30.8	
10-11 AM	1329	0.0	1500	1329	0	6.27	150	63.9	18.4	31.1	
11AM-NOON	1377	0.0	1500	1377	0	1.40	16	63.8	41.2	32.8	
NOON-1PM	1441	0.0	1499	1441	0	0.95	0	63.7	46.4	32.0	
1-2 PM	1517	0.0	1499	1517	0	1.22	5	63.5	43.0	30.9	
2-3 PM	1680	0.0	1500	1680	0	4.26	98	63.3	23.8	30.8	
3-4 PM	1992	0.0	1500	1715	277	14.19+	363	62.7	10.6	30.8	
4-5 PM	2168	0.0	1499	1500	668	16.38+	415	62.3	9.7	30.8	
5-6 PM	1920	0.0	1500	1500	420	16.38+	415	62.8	9.7	30.8	
6-7 PM	1264	0.0	1499	1264	0	12.94+	331	64.0	11.2	31.2	
7-8 PM	930	0.0	1500	930	0	1.16	32	64.6	44.2	41.5	
8-9 PM	817	0.0	1500	817	0	0.50	0	64.8	54.0	42.4	
9-10 PM	606	0.0	1500	606	0	0.48	0	65.3	54.6	43.1	
10-11 PM	467	0.0	1500	467	0	0.47	0	65.5	55.1	43.7	
11PM-MID	272	0.0	1500	272	0	0.45	0	65.9	55.7	44.4	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- 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

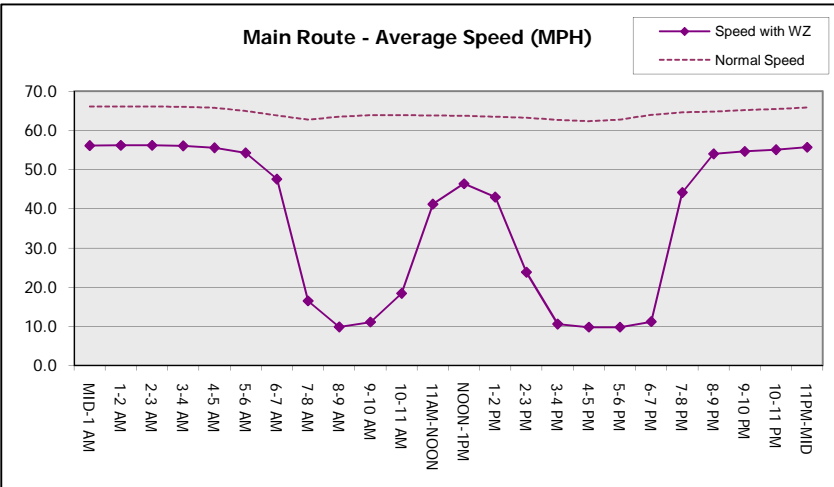
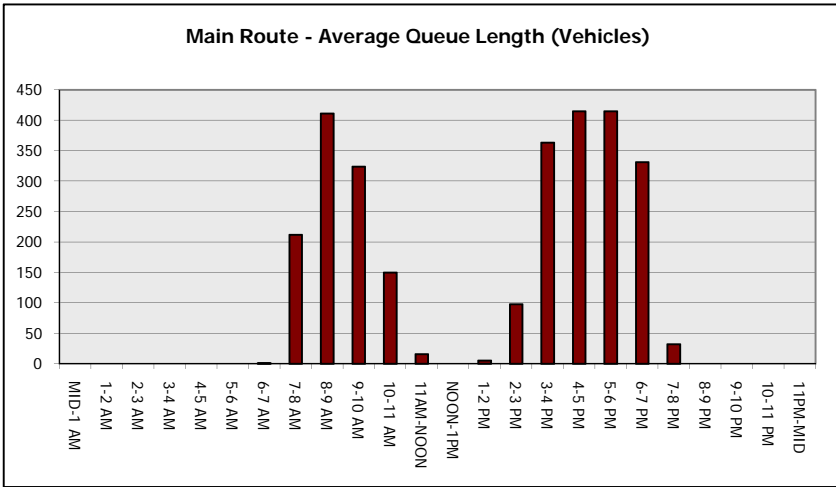
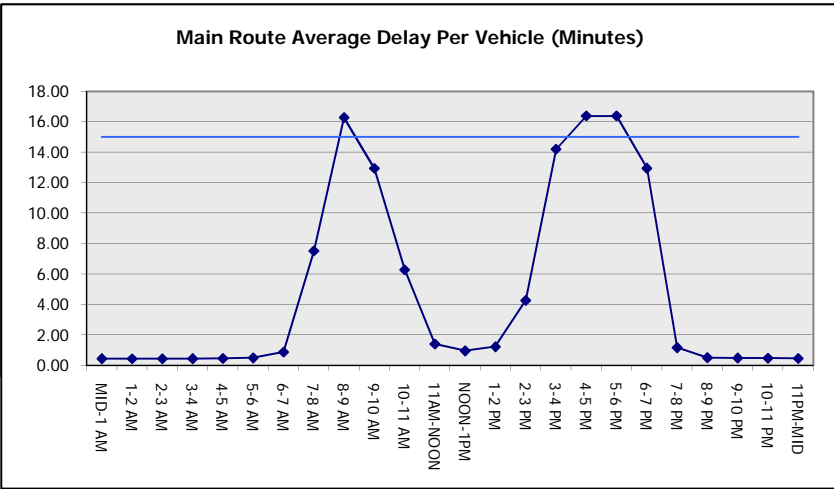
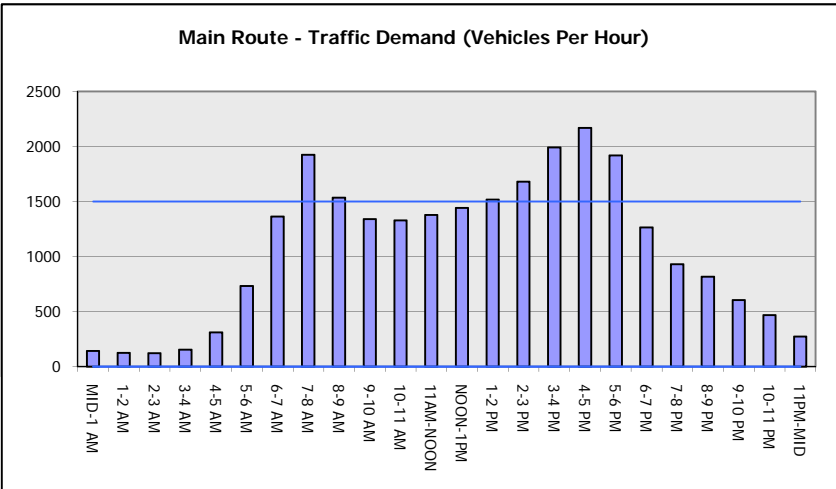
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0110
MAIN ROUTE WITH WORKS	0.0088
'DIVERSION'	0.0014
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$42,692
CONGESTED HOURS PER DAY*	6

\*Delays Exceeding User-Specified Maximum

**USH 41: STH 44 TO STH 26 (WINNEBAGO COUNTY)  
CONTINUOUS (24 HOUR) CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR SOUTHBOUND DIRECTION**



<b>USH 41: STH 44 TO STH 26 (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**

MON-THUR                      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	145	0.0	1500	145	0	0.44	0	66.1	56.1	44.9
1-2 AM	103	0.0	1500	103	0	0.43	0	66.2	56.3	45.1
2-3 AM	97	0.0	1500	97	0	0.43	0	66.2	56.3	45.1
3-4 AM	131	0.0	1500	131	0	0.44	0	66.1	56.1	45.0
4-5 AM	220	0.0	1500	220	0	0.44	0	66.0	55.9	44.6
5-6 AM	625	0.0	1500	625	0	0.48	0	65.2	54.6	43.0
6-7 AM	1168	0.0	1499	1168	0	0.64	0	64.2	51.2	38.6
7-8 AM	1665	0.0	1499	1665	0	3.64	80	63.3	26.1	30.8
8-9 AM	1223	0.0	1499	1223	0	2.18	61	64.1	34.4	35.8
9-10 AM	1123	0.0	1500	1123	0	0.54	0	64.3	53.0	41.0
10-11 AM	1154	0.0	1500	1154	0	0.58	0	64.2	52.3	40.0
11AM-NOON	1200	0.0	1500	1200	0	0.64	0	64.1	51.2	38.4
NOON-1PM	1242	0.0	1500	1242	0	0.69	0	64.1	50.3	37.1
1-2 PM	1272	0.0	1500	1272	0	0.73	0	64.0	49.7	36.3
2-3 PM	1436	0.0	1499	1436	0	0.94	0	63.7	46.5	32.2
3-4 PM	1664	0.0	1499	1664	0	3.16	68	63.3	28.3	30.8
4-5 PM	1862	0.0	1500	1744	118	12.59+	325	62.9	11.3	30.8
5-6 PM	1763	0.0	1499	1501	263	16.39+	415	63.1	9.7	30.8
6-7 PM	1228	0.0	1499	1228	0	11.57+	300	64.1	12.0	31.9
7-8 PM	855	0.0	1500	855	0	0.84	16	64.8	48.4	42.1
8-9 PM	721	0.0	1500	721	0	0.49	0	65.0	54.3	42.7
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	281	0.0	1500	281	0	0.45	0	65.9	55.7	44.3

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- 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	0.0095
MAIN ROUTE WITH WORKS	0.0079
'DIVERSION'	0.0004

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$19,625
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding User-Specified Maximum

**USH 41: STH 44 TO STH 26 (WINNEBAGO COUNTY)  
CONTINUOUS (24 HOUR) CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR NORTHBOUND DIRECTION**

