

<b>USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES)                  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	245	0.0	3000	245	0	0.36	0	70.2	61.8	49.7
1-2 AM	163	0.0	3000	163	0	0.36	0	70.2	61.8	49.7
2-3 AM	162	0.0	3000	162	0	0.36	0	70.2	61.8	49.7
3-4 AM	185	0.0	3000	185	0	0.36	0	70.2	61.8	49.7
4-5 AM	399	0.0	3000	399	0	0.36	0	70.2	61.8	49.7
5-6 AM	1213	0.0	3000	1213	0	0.35	0	69.2	61.3	49.7
6-7 AM	2315	0.0	2999	2315	0	0.40	0	67.9	59.2	47.1
7-8 AM	3465	0.0	2999	3465	0	4.33	232	66.4	26.1	37.3
8-9 AM	2318	0.0	2999	2318	0	2.72	201	67.9	34.1	44.0
9-10 AM	1839	0.0	3000	1839	0	0.34	0	68.4	60.9	49.7
10-11 AM	1891	0.0	3000	1891	0	0.34	0	68.4	60.9	49.7
11AM-NOON	2094	0.0	3000	2094	0	0.33	0	68.1	60.7	49.7
NOON-1PM	2286	0.0	3000	2286	0	0.33	0	67.9	60.6	49.7
1-2 PM	2524	0.0	3000	2524	0	0.42	0	67.6	58.7	46.3
2-3 PM	2729	0.0	3000	2729	0	0.55	0	67.3	56.1	41.9
3-4 PM	2875	0.0	2999	2875	0	0.65	0	67.1	54.5	39.3
4-5 PM	3365	0.0	2999	3365	0	3.46	174	66.6	29.7	37.3
5-6 PM	3131	0.0	2999	3131	0	9.27	473	66.8	15.5	37.3
6-7 PM	2000	0.0	2999	2000	0	1.86	152	68.2	40.6	47.0
7-8 PM	1514	0.0	3000	1514	0	0.34	0	68.9	61.1	49.7
8-9 PM	1410	0.0	3000	1410	0	0.34	0	69.0	61.2	49.7
9-10 PM	1207	0.0	3000	1207	0	0.35	0	69.2	61.3	49.7
10-11 PM	786	0.0	3000	786	0	0.35	0	69.7	61.6	49.7
11PM-MID	410	0.0	3000	410	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	0.0200
MAIN ROUTE WITH WORKS	0.0173
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

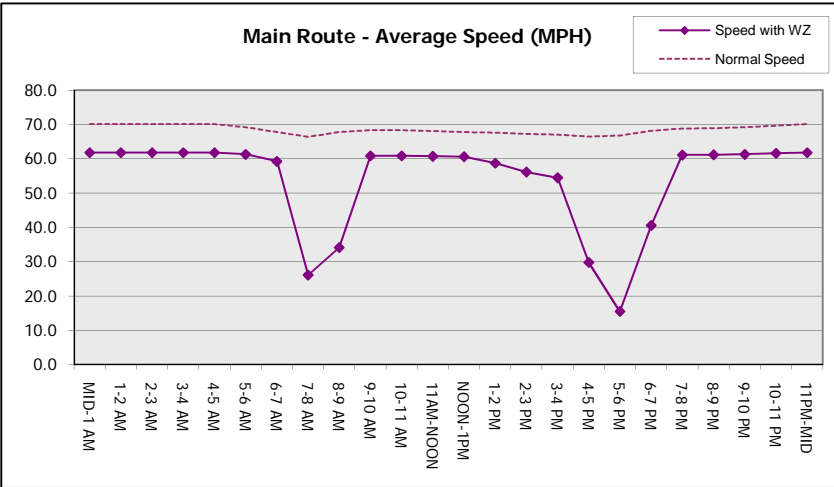
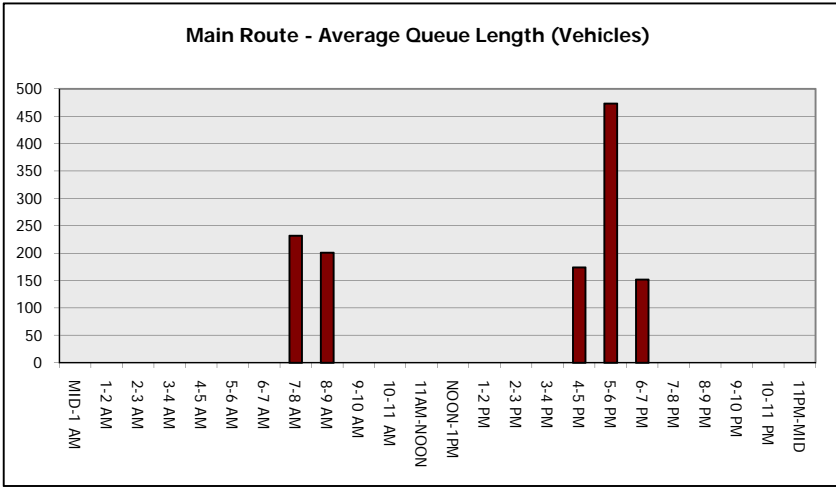
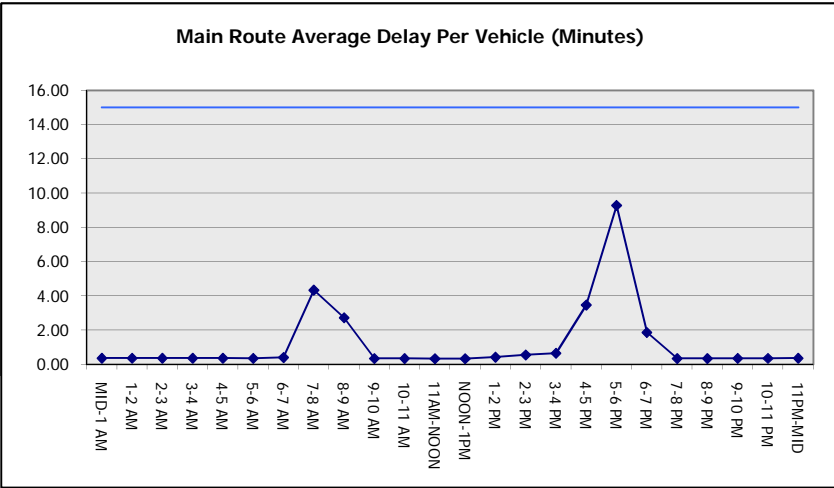
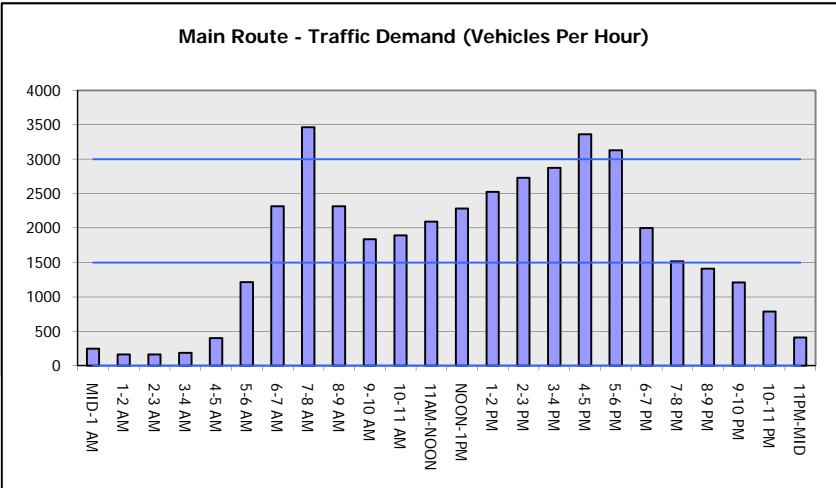
ROAD USER COSTS PER DAY	\$17,078
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
Analyzed for 2009  
Construction Season

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



<b>USH 41: STH 125 TO USH 10 (WINNEBAGO AND OUTAGAMIE COUNTIES)                  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	239	0.0	3000	239	0	0.36	0	70.2	61.8	49.7
1-2 AM	165	0.0	3000	165	0	0.36	0	70.2	61.8	49.7
2-3 AM	142	0.0	3000	142	0	0.36	0	70.2	61.8	49.7
3-4 AM	148	0.0	3000	148	0	0.36	0	70.2	61.8	49.7
4-5 AM	321	0.0	3000	321	0	0.36	0	70.2	61.8	49.7
5-6 AM	926	0.0	3000	926	0	0.35	0	69.6	61.5	49.7
6-7 AM	1850	0.0	2999	1850	0	0.34	0	68.4	60.9	49.7
7-8 AM	2988	0.0	2999	2988	0	0.81	6	67.0	51.8	37.8
8-9 AM	2357	0.0	3000	2357	0	0.37	0	67.8	59.7	48.5
9-10 AM	2035	0.0	3000	2035	0	0.33	0	68.2	60.7	49.7
10-11 AM	2099	0.0	3000	2099	0	0.33	0	68.1	60.7	49.7
11AM-NOON	2262	0.0	3000	2262	0	0.33	0	67.9	60.6	49.7
NOON-1PM	2290	0.0	3000	2290	0	0.33	0	67.9	60.6	49.7
1-2 PM	2308	0.0	3000	2308	0	0.33	0	67.9	60.5	49.7
2-3 PM	2671	0.0	2999	2671	0	0.51	0	67.4	56.9	43.2
3-4 PM	3295	0.0	2999	3295	0	2.37	109	66.6	36.0	37.3
4-5 PM	3886	0.0	3000	3505	381	12.50+	687	64.3	13.4	37.3
5-6 PM	3362	0.0	3000	3049	313	16.01+	843	66.6	11.7	37.3
6-7 PM	2157	0.0	2999	2157	0	7.65+	488	68.1	18.8	43.1
7-8 PM	1400	0.0	3000	1400	0	0.34	0	69.0	61.2	49.7
8-9 PM	1151	0.0	3000	1151	0	0.35	0	69.3	61.4	49.7
9-10 PM	901	0.0	3000	901	0	0.35	0	69.6	61.5	49.7
10-11 PM	715	0.0	3000	715	0	0.36	0	69.9	61.6	49.7
11PM-MID	447	0.0	3000	447	0	0.36	0	70.2	61.8	49.7

+ 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	0.0198
MAIN ROUTE WITH WORKS	0.0168
'DIVERSION'	0.0008

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$30,814
CONGESTED HOURS PER DAY*	3

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