

<b>USH 41: STH 15 TO STH 125 (OUTAGAMIE COUNTY)                  CONTINUOUS (24 HOUR) 2 LANE 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	197	0.0	1500	197	0	0.50	0	70.2	53.1	44.7
1-2 AM	130	0.0	1500	130	0	0.49	0	70.2	53.3	45.0
2-3 AM	130	0.0	1500	130	0	0.49	0	70.2	53.3	45.0
3-4 AM	149	0.0	1500	149	0	0.49	0	70.2	53.2	44.9
4-5 AM	321	0.0	1500	321	0	0.51	0	70.2	52.7	44.2
5-6 AM	973	0.0	1499	973	0	0.61	0	69.6	49.9	41.0
6-7 AM	1855	0.0	1499	1855	0	4.11	121	68.4	19.3	30.8
7-8 AM	2776	0.0	1499	1535	1241	17.15+	421	67.3	7.1	30.8
8-9 AM	1859	0.0	1500	1502	357	16.98+	416	68.4	7.2	30.8
9-10 AM	1476	0.0	1500	1476	0	16.05+	391	68.9	7.4	30.8
10-11 AM	1518	0.0	1500	1518	0	15.30	371	68.9	7.6	30.8
11AM-NOON	1682	0.0	1499	1520	162	16.88+	413	68.6	7.2	30.8
NOON-1PM	1836	0.0	1500	1501	335	16.98+	416	68.4	7.2	30.8
1-2 PM	2027	0.0	1500	1501	526	16.98+	416	68.2	7.2	30.8
2-3 PM	2191	0.0	1500	1501	690	16.99+	416	68.0	7.2	30.8
3-4 PM	2308	0.0	1500	1501	807	16.99+	416	67.9	7.2	30.8
4-5 PM	2699	0.0	1500	1505	1194	17.04+	418	67.4	7.1	30.8
5-6 PM	2513	0.0	1500	1501	1012	17.00+	417	67.6	7.2	30.8
6-7 PM	1607	0.0	1500	1472	135	16.73+	409	68.7	7.3	30.8
7-8 PM	1216	0.0	1499	1216	0	10.40	262	69.2	9.8	32.0
8-9 PM	1131	0.0	1500	1131	0	1.00	16	69.3	42.3	39.7
9-10 PM	969	0.0	1500	969	0	0.58	0	69.6	50.5	41.8
10-11 PM	630	0.0	1500	630	0	0.55	0	69.9	51.7	43.0
11PM-MID	328	0.0	1500	328	0	0.51	0	70.2	52.7	44.2

+ 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

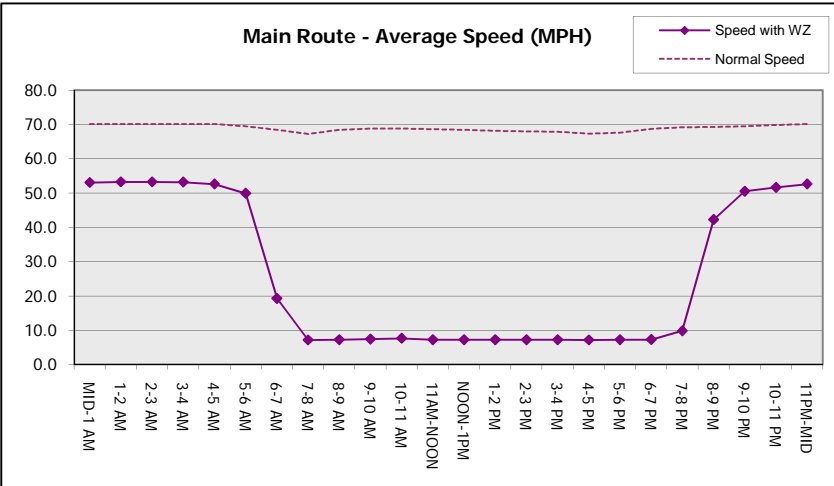
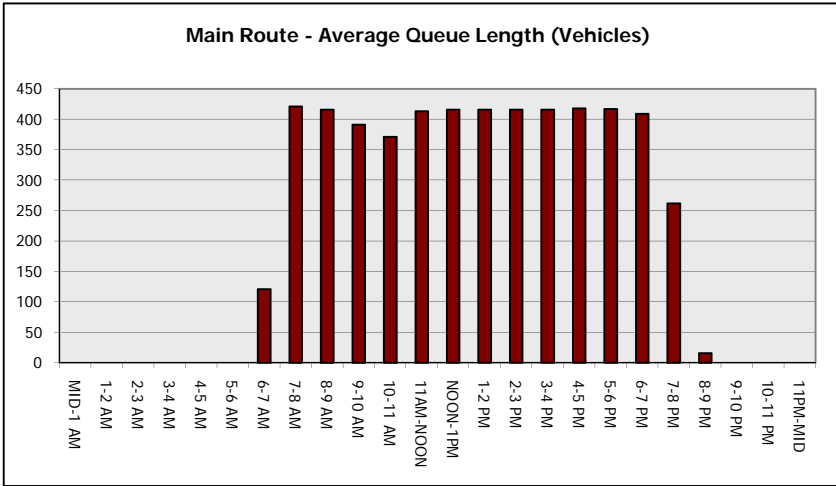
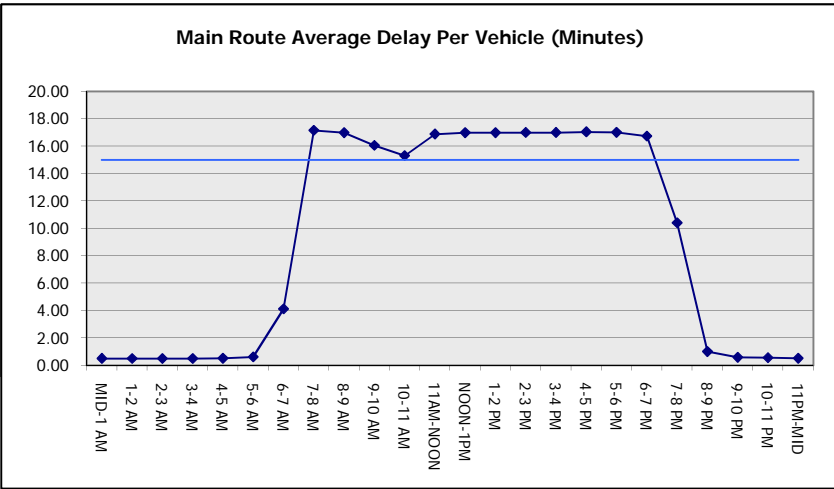
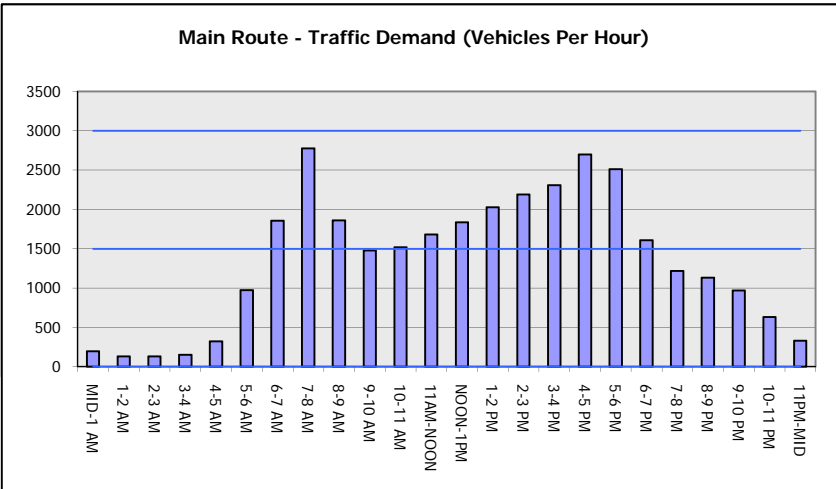
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0093
MAIN ROUTE WITH WORKS	0.0058
'DIVERSION'	0.0043
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$95,604
CONGESTED HOURS PER DAY*	11

\*Delays Exceeding User-Specified Maximum

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CONTINUOUS (24 HOUR) 2 LANE CLOSURE  
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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 15 TO STH 125 (OUTAGAMIE COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE CLOSURE</b> <b>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	190	0.0	1500	190	0	0.50	0	70.2	53.1	44.7
1-2 AM	132	0.0	1500	132	0	0.49	0	70.2	53.3	45.0
2-3 AM	113	0.0	1500	113	0	0.49	0	70.2	53.3	45.0
3-4 AM	118	0.0	1500	118	0	0.49	0	70.2	53.3	45.0
4-5 AM	256	0.0	1500	256	0	0.50	0	70.2	52.8	44.5
5-6 AM	742	0.0	1500	742	0	0.56	0	69.8	51.3	42.6
6-7 AM	1481	0.0	1499	1481	0	1.52	23	68.9	35.0	33.5
7-8 AM	2395	0.0	1500	1885	509	14.23+	361	67.8	8.1	30.9
8-9 AM	1889	0.0	1499	1462	427	16.86+	413	68.4	7.2	30.8
9-10 AM	1631	0.0	1499	1482	149	16.91+	414	68.7	7.2	30.8
10-11 AM	1684	0.0	1499	1499	185	16.98+	415	68.6	7.2	30.8
11AM-NOON	1814	0.0	1499	1499	315	16.98+	416	68.5	7.2	30.8
NOON-1PM	1838	0.0	1499	1499	338	16.98+	416	68.4	7.2	30.8
1-2 PM	1851	0.0	1499	1500	351	16.98+	416	68.4	7.2	30.8
2-3 PM	2142	0.0	1499	1500	643	16.99+	416	68.1	7.2	30.8
3-4 PM	2642	0.0	1499	1500	1142	17.04+	418	67.4	7.1	30.8
4-5 PM	3112	0.0	1499	1504	1608	17.30+	425	66.9	7.1	30.8
5-6 PM	2691	0.0	1500	1499	1192	17.07+	419	67.4	7.1	30.8
6-7 PM	1725	0.0	1500	1493	233	16.95+	415	68.6	7.2	30.8
7-8 PM	1120	0.0	1499	1120	0	9.05	250	69.4	11.1	34.0
8-9 PM	921	0.0	1500	921	0	0.61	1	69.6	49.9	42.0
9-10 PM	721	0.0	1500	721	0	0.56	0	69.9	51.4	42.7
10-11 PM	572	0.0	1500	572	0	0.54	0	70.0	51.9	43.2
11PM-MID	358	0.0	1500	358	0	0.52	0	70.2	52.5	44.0

+ 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	0.0092
MAIN ROUTE WITH WORKS	0.0055
'DIVERSION'	0.0047

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$96,699
CONGESTED HOURS PER DAY*	12

\*Delays Exceeding User-Specified Maximum

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

