

<b>USH 41: STH 15 TO STH 125 (OUTAGAMIE COUNTY)</b> <b>OFF-PEAK DAY 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                  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	OFF	197	0	0.00	0	70.2	70.2	70.2
1-2 AM	130	0.0	OFF	130	0	0.00	0	70.2	70.2	70.2
2-3 AM	130	0.0	OFF	130	0	0.00	0	70.2	70.2	70.2
3-4 AM	149	0.0	OFF	149	0	0.00	0	70.2	70.2	70.2
4-5 AM	321	0.0	OFF	321	0	0.00	0	70.2	70.2	70.2
5-6 AM	973	0.0	OFF	973	0	0.00	0	69.6	69.6	69.6
6-7 AM	1855	0.0	OFF	1855	0	0.00	0	68.4	68.4	68.4
7-8 AM	2776	0.0	OFF	2776	0	0.00	0	67.3	67.3	67.3
8-9 AM	1859	0.0	OFF	1859	0	0.00	0	68.4	68.4	68.4
9-10 AM	1476	0.0	OFF	1476	0	0.00	0	68.9	68.9	68.9
10-11 AM	1518	0.0	1499	1518	0	1.29	5	68.9	37.8	30.9
11AM-NOON	1682	0.0	1500	1682	0	4.55	103	68.6	17.6	30.8
NOON-1PM	1836	0.0	1500	1690	146	13.82+	341	68.4	8.1	30.8
1-2 PM	2027	0.0	1499	1502	525	16.98+	416	68.2	7.2	30.8
2-3 PM	2191	0.0	1500	1502	689	16.99+	416	68.0	7.2	30.8
3-4 PM	2308	0.0	OFF	2308	0	0.23	21	67.9	59.4	59.4
4-5 PM	2699	0.0	OFF	2699	0	0.00	0	67.4	67.4	67.4
5-6 PM	2513	0.0	OFF	2513	0	0.00	0	67.6	67.6	67.6
6-7 PM	1607	0.0	OFF	1607	0	0.00	0	68.7	68.7	68.7
7-8 PM	1216	0.0	OFF	1216	0	0.00	0	69.2	69.2	69.2
8-9 PM	1131	0.0	OFF	1131	0	0.00	0	69.3	69.3	69.3
9-10 PM	969	0.0	OFF	969	0	0.00	0	69.6	69.6	69.6
10-11 PM	630	0.0	OFF	630	0	0.00	0	69.9	69.9	69.9
11PM-MID	328	0.0	OFF	328	0	0.00	0	70.2	70.2	70.2

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

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(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	0
(VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

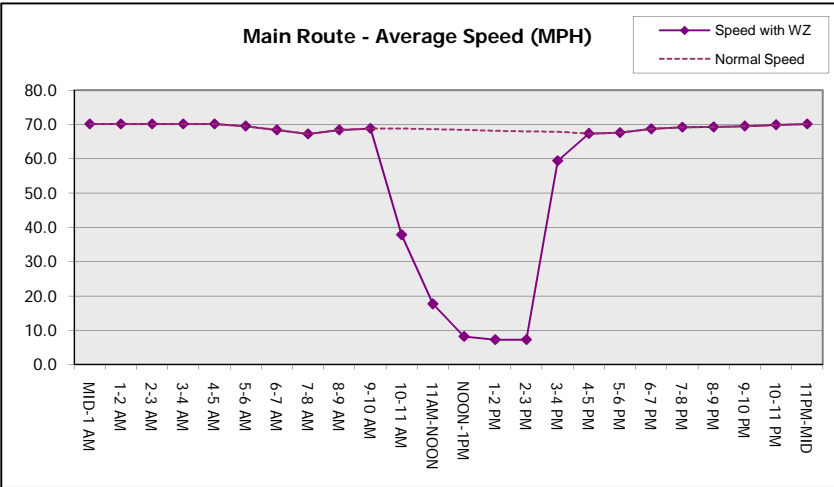
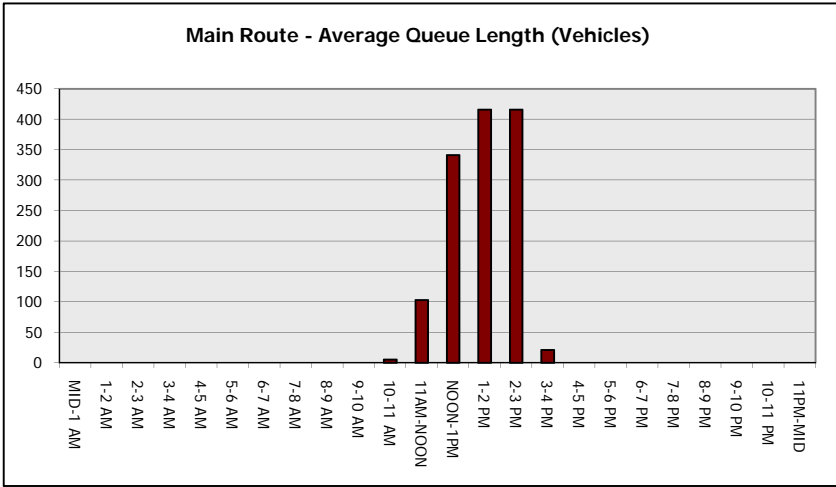
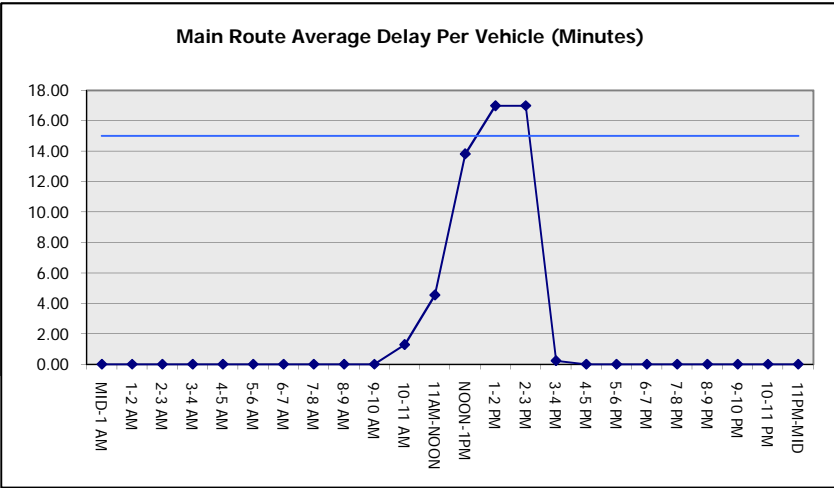
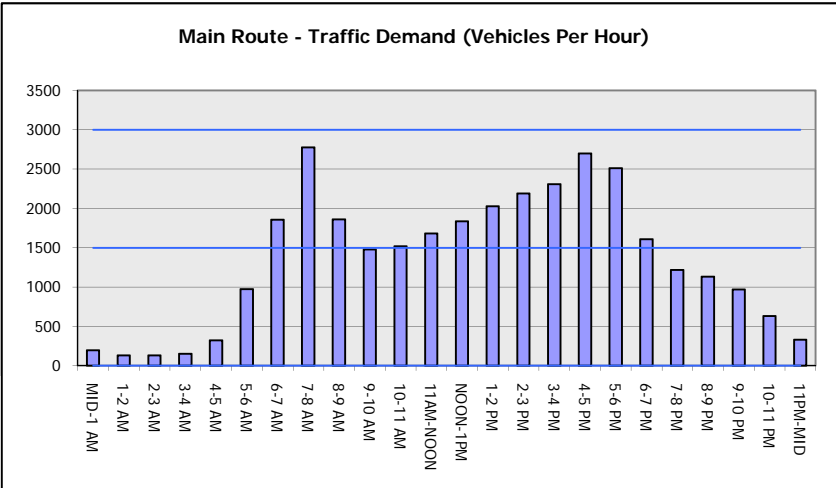
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0093
MAIN ROUTE WITH WORKS	0.0084
'DIVERSION'	0.0009
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$23,096
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding User-Specified Maximum

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OFF-PEAK DAY 2 LANE 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**



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	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	OFF	190	0	0.00	0	70.2	70.2	70.2
1-2 AM	132	0.0	OFF	132	0	0.00	0	70.2	70.2	70.2
2-3 AM	113	0.0	OFF	113	0	0.00	0	70.2	70.2	70.2
3-4 AM	118	0.0	OFF	118	0	0.00	0	70.2	70.2	70.2
4-5 AM	256	0.0	OFF	256	0	0.00	0	70.2	70.2	70.2
5-6 AM	742	0.0	OFF	742	0	0.00	0	69.8	69.8	69.8
6-7 AM	1481	0.0	OFF	1481	0	0.00	0	68.9	68.9	68.9
7-8 AM	2395	0.0	OFF	2395	0	0.00	0	67.8	67.8	67.8
8-9 AM	1889	0.0	OFF	1889	0	0.00	0	68.4	68.4	68.4
9-10 AM	1631	0.0	OFF	1631	0	0.00	0	68.7	68.7	68.7
10-11 AM	1684	0.0	1499	1684	0	3.86	86	68.6	19.9	30.8
11AM-NOON	1814	0.0	1500	1742	72	13.18+	326	68.5	8.3	30.8
NOON-1PM	1838	0.0	1500	1499	339	16.98+	416	68.4	7.2	30.8
1-2 PM	1851	0.0	1499	1499	352	16.98+	416	68.4	7.2	30.8
2-3 PM	2142	0.0	1499	1499	643	16.99+	416	68.1	7.2	30.8
3-4 PM	2642	0.0	OFF	2642	0	0.28	26	67.4	57.4	57.4
4-5 PM	3112	0.0	OFF	3112	0	0.00	0	66.9	66.9	66.9
5-6 PM	2691	0.0	OFF	2691	0	0.00	0	67.4	67.4	67.4
6-7 PM	1725	0.0	OFF	1725	0	0.00	0	68.6	68.6	68.6
7-8 PM	1120	0.0	OFF	1120	0	0.00	0	69.4	69.4	69.4
8-9 PM	921	0.0	OFF	921	0	0.00	0	69.6	69.6	69.6
9-10 PM	721	0.0	OFF	721	0	0.00	0	69.9	69.9	69.9
10-11 PM	572	0.0	OFF	572	0	0.00	0	70.0	70.0	70.0
11PM-MID	358	0.0	OFF	358	0	0.00	0	70.2	70.2	70.2

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

+ 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	0.0083
'DIVERSION'	0.0009
<small>PIA: Personal Injury Accidents</small>	
ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$28,057
CONGESTED HOURS PER DAY*	4

\*Delays Exceeding User-Specified Maximum

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

