

<b>USH 41: STH 15 TO STH 125 (OUTAGAMIE COUNTY)</b> <b>NIGHTTIME 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	247	0.0	1500	247	0	0.50	0	70.2	52.9	44.5	
1-2 AM	153	0.0	1500	153	0	0.49	0	70.2	53.2	44.9	
2-3 AM	143	0.0	1500	143	0	0.49	0	70.2	53.2	44.9	
3-4 AM	176	0.0	1500	176	0	0.49	0	70.2	53.2	44.8	
4-5 AM	338	0.0	1500	338	0	0.51	0	70.2	52.6	44.2	
5-6 AM	1004	0.0	OFF	1004	0	0.00	0	69.5	69.5	69.5	
6-7 AM	1810	0.0	OFF	1810	0	0.00	0	68.5	68.5	68.5	
7-8 AM	2668	0.0	OFF	2668	0	0.00	0	67.4	67.4	67.4	
8-9 AM	1923	0.0	OFF	1923	0	0.00	0	68.4	68.4	68.4	
9-10 AM	1627	0.0	OFF	1627	0	0.00	0	68.7	68.7	68.7	
10-11 AM	1740	0.0	OFF	1740	0	0.00	0	68.6	68.6	68.6	
11AM-NOON	1953	0.0	OFF	1953	0	0.00	0	68.3	68.3	68.3	
NOON-1PM	2147	0.0	OFF	2147	0	0.00	0	68.1	68.1	68.1	
1-2 PM	2384	0.0	OFF	2384	0	0.00	0	67.8	67.8	67.8	
2-3 PM	2601	0.0	OFF	2601	0	0.00	0	67.5	67.5	67.5	
3-4 PM	2718	0.0	OFF	2718	0	0.00	0	67.4	67.4	67.4	
4-5 PM	3138	0.0	OFF	3138	0	0.00	0	66.8	66.8	66.8	
5-6 PM	2942	0.0	OFF	2942	0	0.00	0	67.1	67.1	67.1	
6-7 PM	1927	0.0	OFF	1927	0	0.00	0	68.3	68.3	68.3	
7-8 PM	1475	0.0	1499	1475	0	1.30	7	68.9	37.7	31.7	
8-9 PM	1412	0.0	1500	1412	0	0.98	0	69.0	42.4	32.7	
9-10 PM	1201	0.0	1500	1201	0	0.71	0	69.2	47.6	38.4	
10-11 PM	795	0.0	1500	795	0	0.56	0	69.7	51.1	42.4	
11PM-MID	495	0.0	1500	495	0	0.53	0	70.1	52.1	43.5	

"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

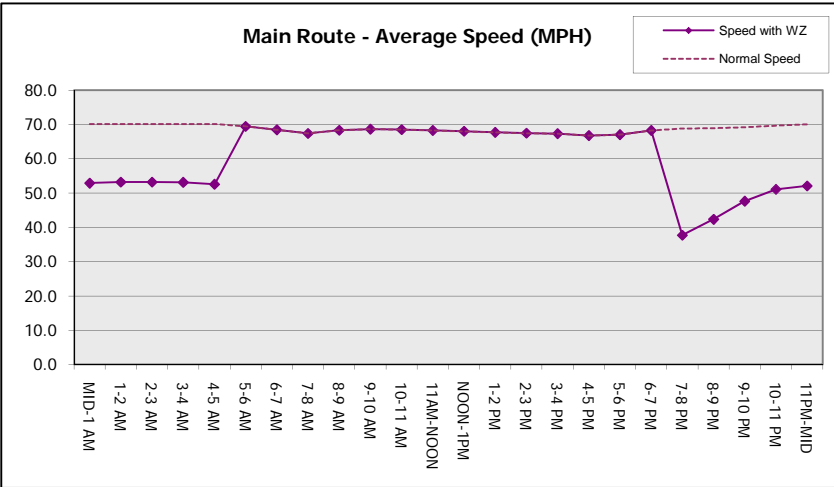
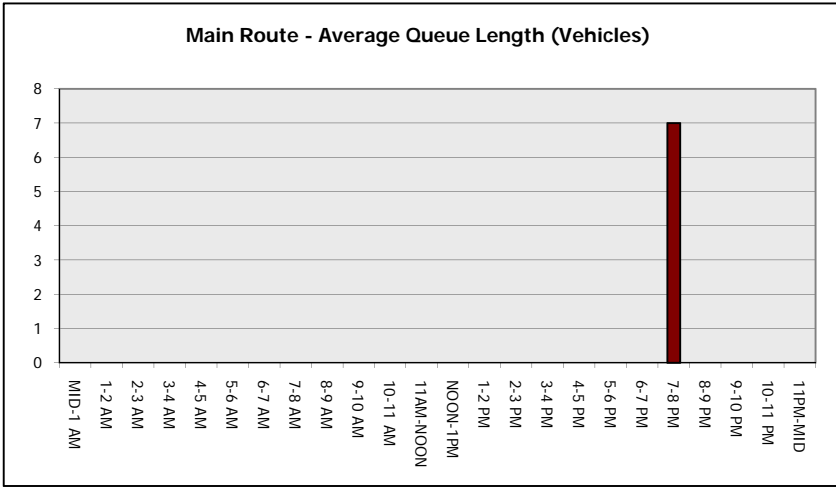
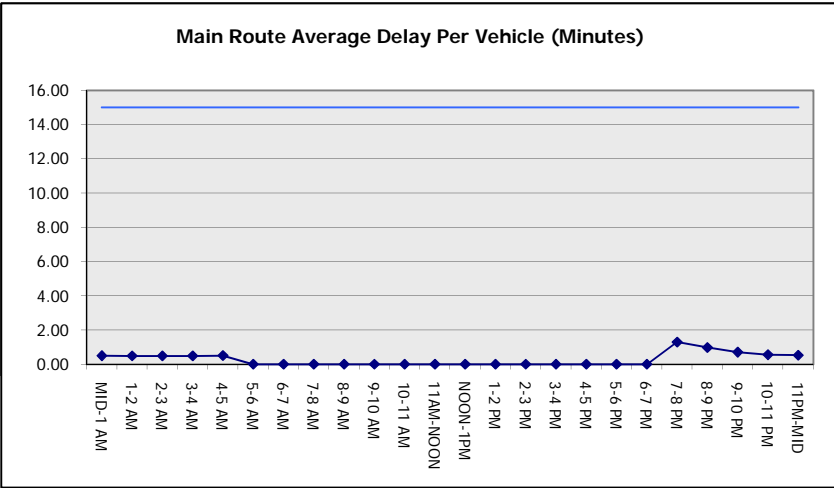
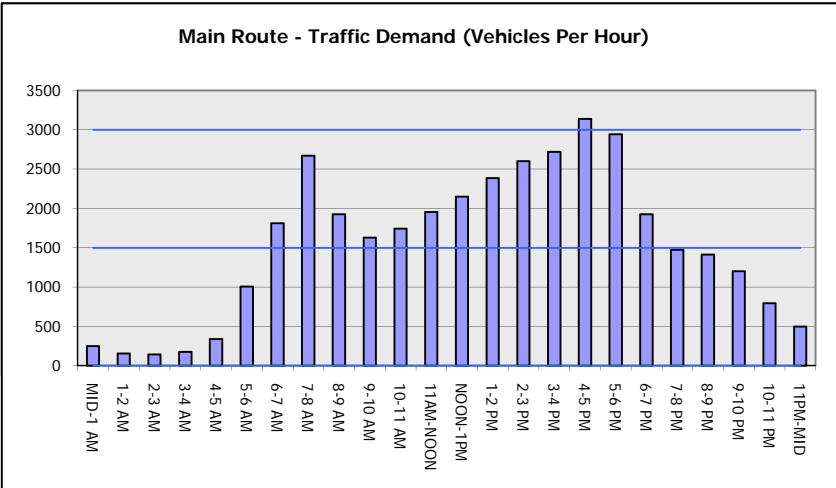
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0106
MAIN ROUTE WITH WORKS	0.0102
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,142
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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 NIGHTTIME 2 LANE CLOSURE  
 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 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)                  NIGHTTIME 2 LANE CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
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**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	199	0.0	1500	199	0	0.50	0	70.2	53.0	44.7
1-2 AM	148	0.0	1500	148	0	0.49	0	70.2	53.2	44.9
2-3 AM	132	0.0	1500	132	0	0.49	0	70.2	53.3	45.0
3-4 AM	144	0.0	1500	144	0	0.49	0	70.2	53.2	44.9
4-5 AM	312	0.0	1500	312	0	0.51	0	70.2	52.7	44.2
5-6 AM	866	0.0	OFF	866	0	0.00	0	69.7	69.7	69.7
6-7 AM	1627	0.0	OFF	1627	0	0.00	0	68.7	68.7	68.7
7-8 AM	2565	0.0	OFF	2565	0	0.00	0	67.6	67.6	67.6
8-9 AM	2025	0.0	OFF	2025	0	0.00	0	68.2	68.2	68.2
9-10 AM	1833	0.0	OFF	1833	0	0.00	0	68.4	68.4	68.4
10-11 AM	1961	0.0	OFF	1961	0	0.00	0	68.3	68.3	68.3
11AM-NOON	2137	0.0	OFF	2137	0	0.00	0	68.1	68.1	68.1
NOON-1PM	2174	0.0	OFF	2174	0	0.00	0	68.1	68.1	68.1
1-2 PM	2202	0.0	OFF	2202	0	0.00	0	68.0	68.0	68.0
2-3 PM	2382	0.0	OFF	2382	0	0.00	0	67.8	67.8	67.8
3-4 PM	2698	0.0	OFF	2698	0	0.00	0	67.4	67.4	67.4
4-5 PM	3194	0.0	OFF	3194	0	0.00	0	66.8	66.8	66.8
5-6 PM	2862	0.0	OFF	2862	0	0.00	0	67.2	67.2	67.2
6-7 PM	1927	0.0	OFF	1927	0	0.00	0	68.3	68.3	68.3
7-8 PM	1230	0.0	1500	1230	0	0.75	0	69.2	46.8	37.5
8-9 PM	955	0.0	1500	955	0	0.58	0	69.6	50.6	41.9
9-10 PM	725	0.0	1500	725	0	0.56	0	69.9	51.4	42.7
10-11 PM	592	0.0	1500	592	0	0.54	0	70.0	51.8	43.2
11PM-MID	382	0.0	1500	382	0	0.52	0	70.2	52.5	44.0

"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	0.0101
MAIN ROUTE WITH WORKS	0.0098
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$608
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MON-THUR NORTHBOUND DIRECTION**

