

<b>IH 94: CTH O TO STH 100 (WAUKESHA COUNTY)                  NIGHTTIME 2 LANE CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY WESTBOUND 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	781	0.0	1499	781	0	2.51	112	69.7	35.9	40.6	
1-2 AM	463	0.0	1500	463	0	0.53	0	70.2	58.5	43.7	
2-3 AM	422	0.0	1500	422	0	0.52	0	70.2	58.6	43.8	
3-4 AM	430	0.0	1500	430	0	0.53	0	70.2	58.6	43.8	
4-5 AM	803	0.0	1500	803	0	0.57	0	69.7	57.5	42.4	
5-6 AM	2219	0.0	OFF	2219	0	0.00	0	68.0	68.0	68.0	
6-7 AM	4683	0.0	OFF	4683	0	0.00	0	58.9	58.9	58.9	
7-8 AM	5809	0.0	OFF	5809	0	0.00	0	51.2	51.2	51.2	
8-9 AM	5390	0.0	OFF	5390	0	0.00	0	54.0	54.0	54.0	
9-10 AM	4257	0.0	OFF	4257	0	0.00	0	61.8	61.8	61.8	
10-11 AM	4011	0.0	OFF	4011	0	0.00	0	63.5	63.5	63.5	
11AM-NOON	4082	0.0	OFF	4082	0	0.00	0	63.0	63.0	63.0	
NOON-1PM	5060	0.0	OFF	5060	0	0.00	0	56.3	56.3	56.3	
1-2 PM	4104	0.0	OFF	4104	0	0.00	0	62.8	62.8	62.8	
2-3 PM	4654	0.0	OFF	4654	0	0.00	0	59.1	59.1	59.1	
3-4 PM	5580	0.0	OFF	5580	0	0.00	0	52.7	52.7	52.7	
4-5 PM	5589	0.0	OFF	5589	0	0.00	0	52.7	52.7	52.7	
5-6 PM	5192	0.0	OFF	5192	0	0.00	0	55.4	55.4	55.4	
6-7 PM	4772	0.0	OFF	4772	0	0.00	0	58.2	58.2	58.2	
7-8 PM	3232	0.0	1499	1550	1682	16.49+	412	66.7	9.6	36.6	
8-9 PM	2145	0.0	1499	1885	260	12.42+	321	68.1	12.3	30.8	
9-10 PM	2237	0.0	1500	1500	737	16.34+	400	67.9	9.7	30.8	
10-11 PM	2126	0.0	1500	1500	626	16.35+	400	68.1	9.7	30.8	
11PM-MID	1587	0.0	1499	1428	159	16.06+	392	68.7	9.9	30.8	

"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	0.0393
MAIN ROUTE WITH WORKS	0.0369
'DIVERSION'	0.0040
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$42,471
CONGESTED HOURS PER DAY*	5

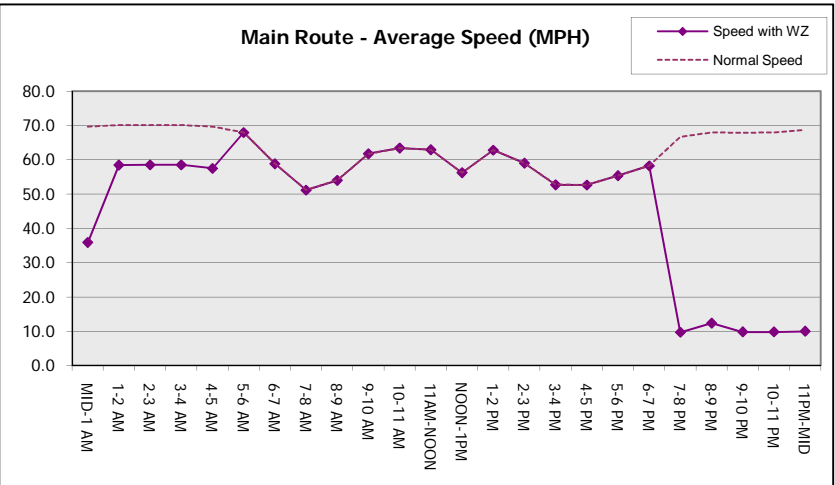
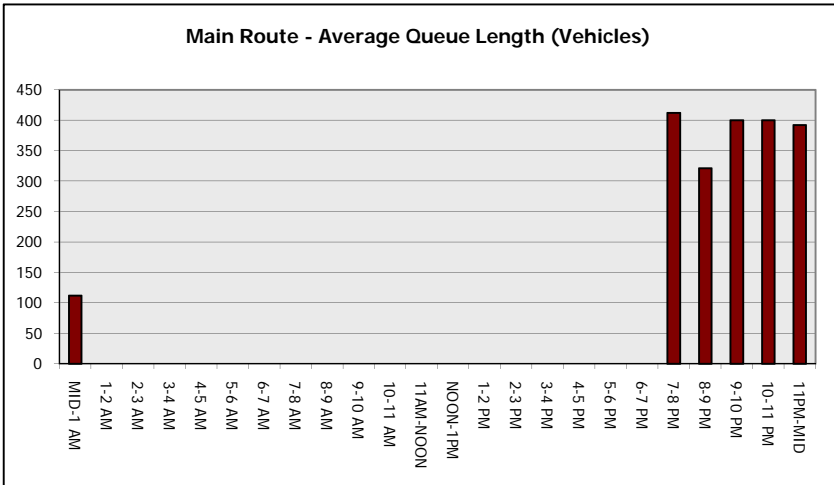
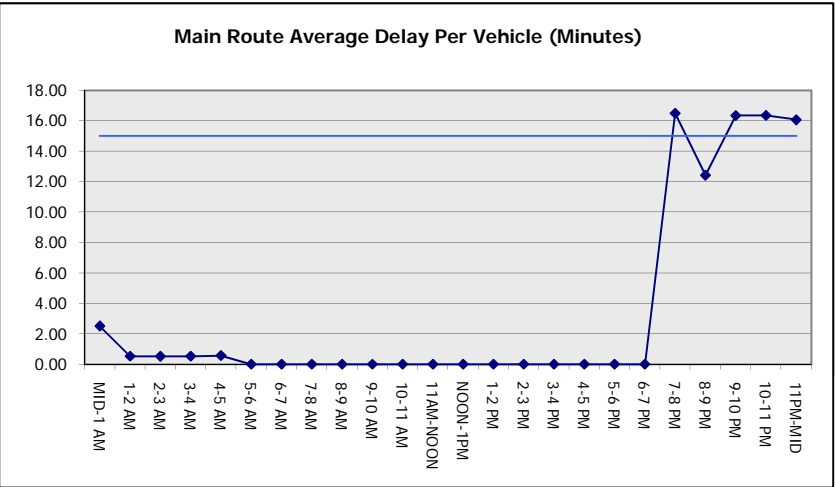
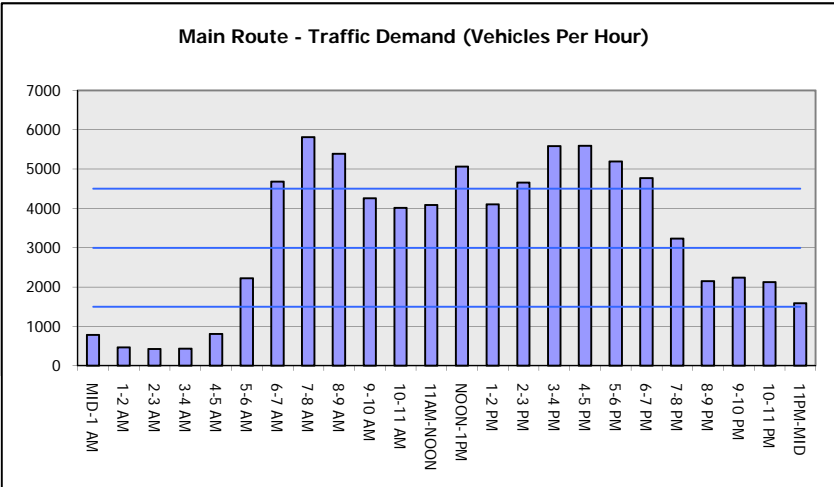
\*Delays Exceeding User-Specified Maximum

**IH 94: CTH O TO STH 100 (WAUKESHA COUNTY)  
 NIGHTTIME 2 LANE CLOSURE  
 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**FRIDAY WESTBOUND DIRECTION**



<b>IH 94: CTH 0 TO STH 100 (WAUKESHA COUNTY)</b> <b>NIGHTTIME 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**

FRIDAY EASTBOUND 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	689	0.0	1499	689	0	2.36	110	69.9	37.1	41.5
1-2 AM	443	0.0	1500	443	0	0.53	0	70.2	58.6	43.7
2-3 AM	348	0.0	1500	348	0	0.51	0	70.2	58.7	44.1
3-4 AM	346	0.0	1500	346	0	0.51	0	70.2	58.7	44.1
4-5 AM	709	0.0	1500	709	0	0.56	0	69.9	57.8	42.7
5-6 AM	2129	0.0	OFF	2129	0	0.00	0	68.1	68.1	68.1
6-7 AM	4999	0.0	OFF	4999	0	0.00	0	56.7	56.7	56.7
7-8 AM	5939	0.0	OFF	5939	0	0.00	0	50.3	50.3	50.3
8-9 AM	5230	0.0	OFF	5230	0	0.00	0	55.1	55.1	55.1
9-10 AM	4254	0.0	OFF	4254	0	0.00	0	61.8	61.8	61.8
10-11 AM	3723	0.0	OFF	3723	0	0.00	0	65.4	65.4	65.4
11AM-NOON	3592	0.0	OFF	3592	0	0.00	0	66.3	66.3	66.3
NOON-1PM	4354	0.0	OFF	4354	0	0.00	0	61.1	61.1	61.1
1-2 PM	3596	0.0	OFF	3596	0	0.00	0	66.3	66.3	66.3
2-3 PM	4374	0.0	OFF	4374	0	0.00	0	61.0	61.0	61.0
3-4 PM	5232	0.0	OFF	5232	0	0.00	0	55.1	55.1	55.1
4-5 PM	5264	0.0	OFF	5264	0	0.00	0	54.9	54.9	54.9
5-6 PM	4883	0.0	OFF	4883	0	0.00	0	57.5	57.5	57.5
6-7 PM	4271	0.0	OFF	4271	0	0.00	0	61.7	61.7	61.7
7-8 PM	3237	0.0	1499	1550	1688	16.49+	412	66.7	9.6	36.6
8-9 PM	2291	0.0	1499	1866	425	12.93+	330	67.9	11.9	31.5
9-10 PM	2390	0.0	1499	1500	890	16.33+	399	67.8	9.7	30.8
10-11 PM	1869	0.0	1500	1500	369	16.36+	400	68.4	9.7	30.8
11PM-MID	1643	0.0	1500	1467	176	16.22+	396	68.7	9.8	30.8

"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	0.0374
MAIN ROUTE WITH WORKS	0.0350
'DIVERSION'	0.0041

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$42,948
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding User-Specified Maximum

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**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY EASTBOUND DIRECTION**

