

<b>IH 94: CTH O TO STH 100 (WAUKESHA 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**

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	OFF	781	0	0.00	0	69.7	69.7	69.7	
1-2 AM	463	0.0	OFF	463	0	0.00	0	70.2	70.2	70.2	
2-3 AM	422	0.0	OFF	422	0	0.00	0	70.2	70.2	70.2	
3-4 AM	430	0.0	OFF	430	0	0.00	0	70.2	70.2	70.2	
4-5 AM	803	0.0	OFF	803	0	0.00	0	69.7	69.7	69.7	
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	1499	1550	2461	16.35+	412	63.5	9.6	36.6	
11AM-NOON	4082	0.0	1499	1729	2352	14.38+	379	63.0	10.7	35.7	
NOON-1PM	5060	0.0	1499	1500	3560	15.56+	399	56.3	9.9	34.6	
1-2 PM	4104	0.0	1500	1500	2604	15.91+	400	62.8	9.9	34.6	
2-3 PM	4654	0.0	1500	1500	3154	15.72+	400	59.1	9.9	34.6	
3-4 PM	5580	0.0	OFF	5580	0	1.06	93	52.7	40.6	40.6	
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	OFF	3232	0	0.00	0	66.7	66.7	66.7	
8-9 PM	2145	0.0	OFF	2145	0	0.00	0	68.1	68.1	68.1	
9-10 PM	2237	0.0	OFF	2237	0	0.00	0	67.9	67.9	67.9	
10-11 PM	2126	0.0	OFF	2126	0	0.00	0	68.1	68.1	68.1	
11PM-MID	1587	0.0	OFF	1587	0	0.00	0	68.7	68.7	68.7	

"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	0.0318
'DIVERSION'	0.0161
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$76,634
CONGESTED HOURS PER DAY*	5

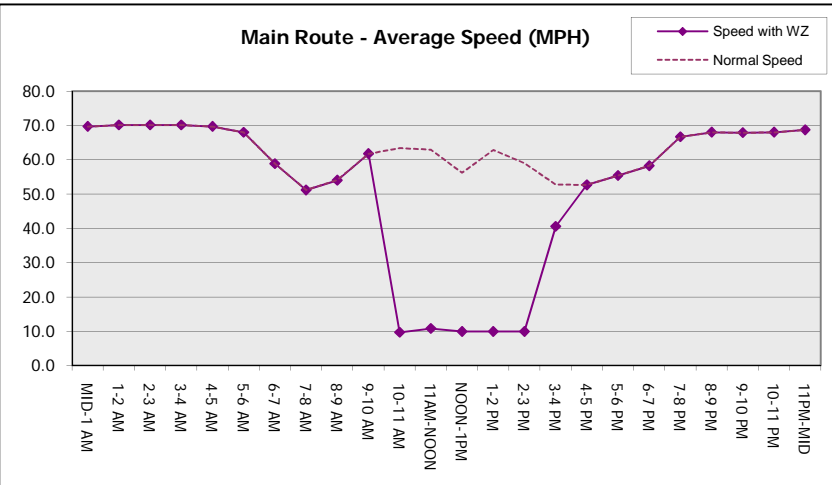
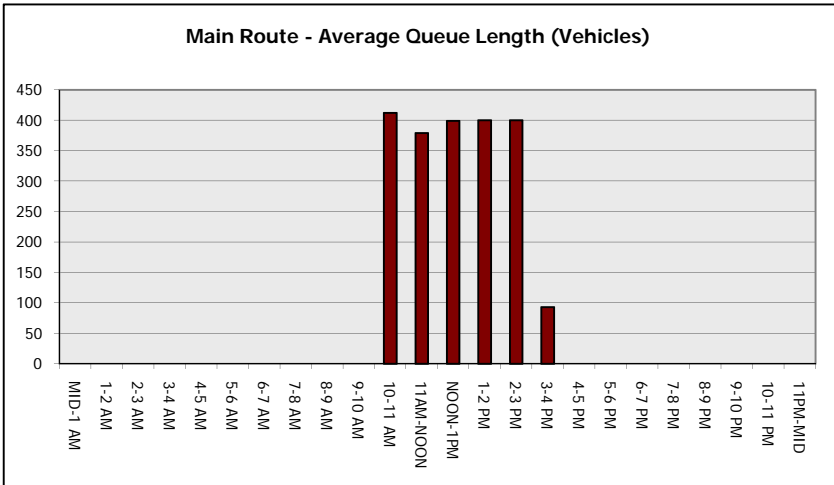
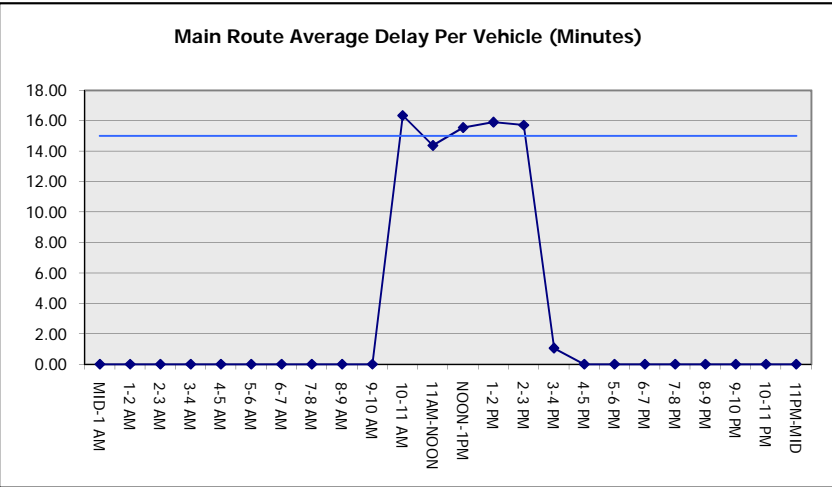
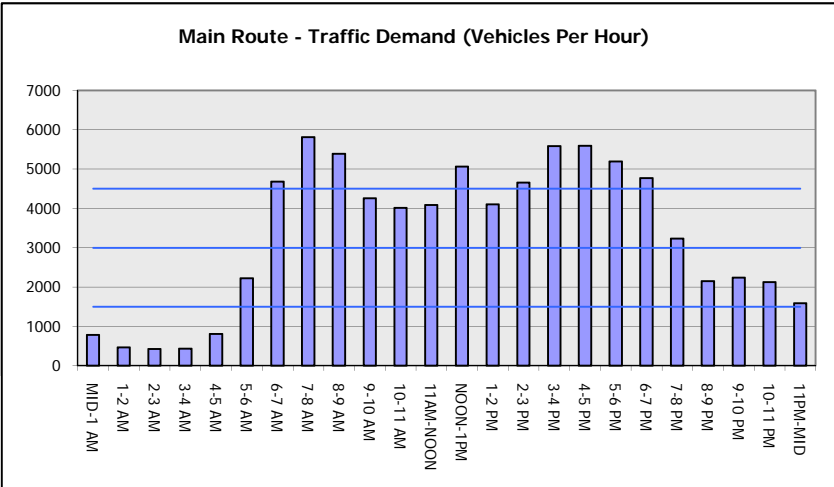
\*Delays Exceeding User-Specified Maximum

**IH 94: CTH 0 TO STH 100 (WAUKESHA COUNTY)**  
**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**

**FRIDAY WESTBOUND DIRECTION**



<b>IH 94: CTH O TO STH 100 (WAUKESHA 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**

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	OFF	689	0	0.00	0	69.9	69.9	69.9
1-2 AM	443	0.0	OFF	443	0	0.00	0	70.2	70.2	70.2
2-3 AM	348	0.0	OFF	348	0	0.00	0	70.2	70.2	70.2
3-4 AM	346	0.0	OFF	346	0	0.00	0	70.2	70.2	70.2
4-5 AM	709	0.0	OFF	709	0	0.00	0	69.9	69.9	69.9
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	1499	1550	2173	16.43+	412	65.4	9.6	36.6
11AM-NOON	3592	0.0	1499	1664	1927	14.38+	378	66.3	10.8	35.8
NOON-1PM	4354	0.0	1499	1500	2855	15.66+	399	61.1	9.9	38.4
1-2 PM	3596	0.0	1500	1573	2023	15.91+	394	66.3	9.9	33.3
2-3 PM	4374	0.0	1500	1500	2874	15.85+	400	61.0	9.8	34.0
3-4 PM	5232	0.0	OFF	5232	0	0.66	53	55.1	46.1	46.1
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	OFF	3237	0	0.00	0	66.7	66.7	66.7
8-9 PM	2291	0.0	OFF	2291	0	0.00	0	67.9	67.9	67.9
9-10 PM	2390	0.0	OFF	2390	0	0.00	0	67.8	67.8	67.8
10-11 PM	1869	0.0	OFF	1869	0	0.00	0	68.4	68.4	68.4
11PM-MID	1643	0.0	OFF	1643	0	0.00	0	68.7	68.7	68.7

"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	0.0310
'DIVERSION'	0.0135

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$68,607
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding User-Specified Maximum

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 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

