

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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY 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	1038	0.0	OFF	1038	0	0.00	0	69.4	69.4	69.4	
1-2 AM	572	0.0	OFF	572	0	0.00	0	70.0	70.0	70.0	
2-3 AM	588	0.0	OFF	588	0	0.00	0	70.0	70.0	70.0	
3-4 AM	421	0.0	OFF	421	0	0.00	0	70.2	70.2	70.2	
4-5 AM	477	0.0	OFF	477	0	0.00	0	70.1	70.1	70.1	
5-6 AM	853	0.0	OFF	853	0	0.00	0	69.7	69.7	69.7	
6-7 AM	1689	0.0	OFF	1689	0	0.00	0	68.6	68.6	68.6	
7-8 AM	2673	0.0	OFF	2673	0	0.00	0	67.4	67.4	67.4	
8-9 AM	3331	0.0	2999	3331	0	3.40	167	66.6	30.1	37.3	
9-10 AM	2615	0.0	2999	2615	0	2.77	155	67.5	33.7	40.4	
10-11 AM	2907	0.0	2999	2907	0	0.87	15	67.1	51.1	40.0	
11AM-NOON	4375	0.0	3000	3708	667	10.20+	609	61.0	15.3	37.3	
NOON-1PM	4418	0.0	3000	3089	1329	16.05+	864	60.7	11.6	37.3	
1-2 PM	3366	0.0	3000	2989	377	16.09+	848	66.6	11.7	37.3	
2-3 PM	1980	0.0	2999	1980	0	4.34	369	68.2	27.0	45.4	
3-4 PM	2817	0.0	2999	2817	0	0.78	14	67.3	52.4	41.9	
4-5 PM	4391	0.0	3000	3714	678	10.52+	623	60.9	15.0	37.3	
5-6 PM	3709	0.0	3000	3044	665	16.14+	853	65.5	11.7	37.3	
6-7 PM	2977	0.0	OFF	2977	0	1.19	110	67.0	46.9	46.9	
7-8 PM	1679	0.0	OFF	1679	0	0.00	0	68.6	68.6	68.6	
8-9 PM	1410	0.0	OFF	1410	0	0.00	0	69.0	69.0	69.0	
9-10 PM	3114	0.0	OFF	3114	0	0.00	0	66.9	66.9	66.9	
10-11 PM	2285	0.0	OFF	2285	0	0.00	0	67.9	67.9	67.9	
11PM-MID	1560	0.0	OFF	1560	0	0.00	0	68.8	68.8	68.8	

"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	0.0273
MAIN ROUTE WITH WORKS	0.0234
'DIVERSION'	0.0042
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$85,235
CONGESTED HOURS PER DAY*	5

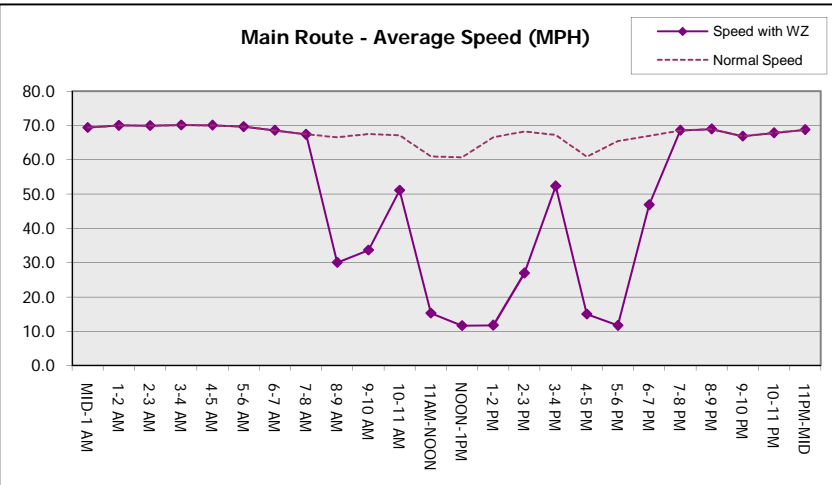
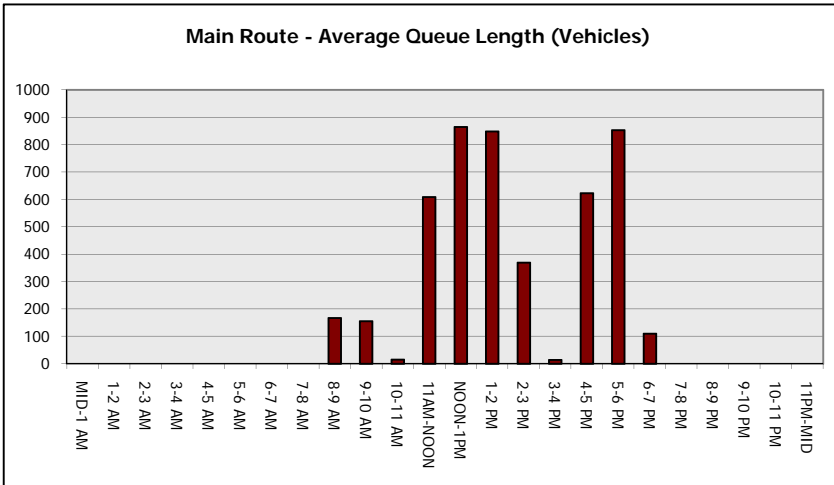
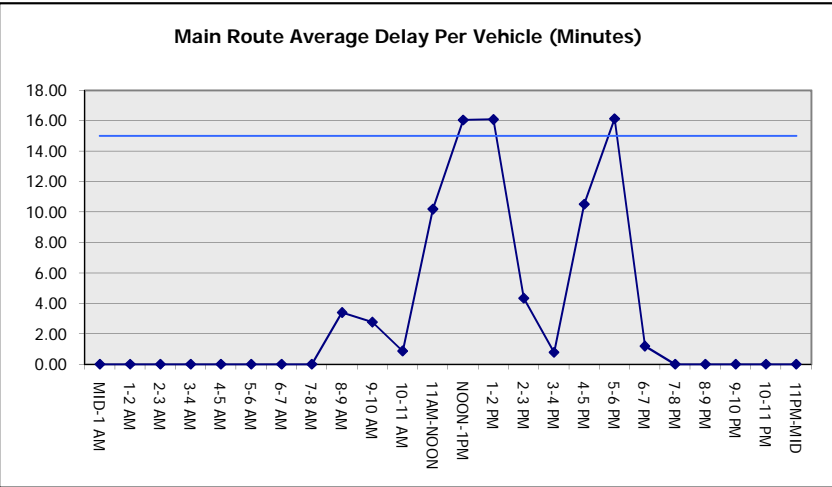
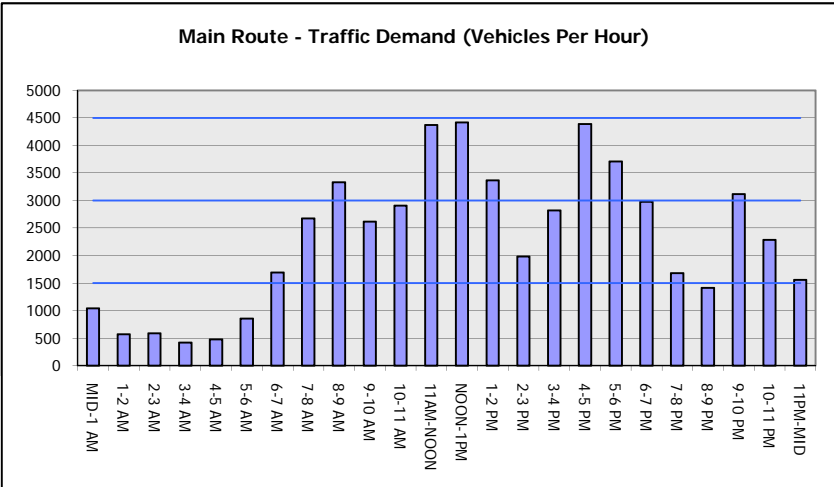
\*Delays Exceeding User-Specified Maximum

**IH 94: CTH O TO STH 100 (WAUKESHA COUNTY)**  
**OFF-PEAK DAY CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**SATURDAY WESTBOUND DIRECTION**



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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY 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	1052	0.0	OFF	1052	0	0.00	0	69.4	69.4	69.4
1-2 AM	421	0.0	OFF	421	0	0.00	0	70.2	70.2	70.2
2-3 AM	378	0.0	OFF	378	0	0.00	0	70.2	70.2	70.2
3-4 AM	308	0.0	OFF	308	0	0.00	0	70.2	70.2	70.2
4-5 AM	345	0.0	OFF	345	0	0.00	0	70.2	70.2	70.2
5-6 AM	725	0.0	OFF	725	0	0.00	0	69.9	69.9	69.9
6-7 AM	1322	0.0	OFF	1322	0	0.00	0	69.1	69.1	69.1
7-8 AM	1990	0.0	OFF	1990	0	0.00	0	68.2	68.2	68.2
8-9 AM	2579	0.0	3000	2579	0	0.45	0	67.5	58.0	45.0
9-10 AM	2146	0.0	3000	2146	0	0.33	0	68.1	60.7	49.7
10-11 AM	2567	0.0	2999	2567	0	0.46	0	67.6	57.9	45.1
11AM-NOON	4002	0.0	2999	4002	0	7.11+	452	63.5	19.4	37.3
NOON-1PM	4141	0.0	2999	2885	1257	16.24+	868	62.5	11.6	37.3
1-2 PM	3252	0.0	2999	2930	322	16.00+	842	66.7	11.7	37.3
2-3 PM	2196	0.0	2999	2196	0	6.58	418	68.0	20.5	42.5
3-4 PM	3138	0.0	3000	3138	0	1.45	59	66.8	44.0	38.9
4-5 PM	4877	0.0	3000	3712	1166	13.56+	765	57.5	12.7	37.6
5-6 PM	4401	0.0	2999	2915	1486	16.14+	868	60.8	11.6	37.3
6-7 PM	3357	0.0	OFF	3357	0	1.61	140	66.6	42.2	42.2
7-8 PM	2008	0.0	OFF	2008	0	0.00	0	68.2	68.2	68.2
8-9 PM	1536	0.0	OFF	1536	0	0.00	0	68.8	68.8	68.8
9-10 PM	2782	0.0	OFF	2782	0	0.00	0	67.3	67.3	67.3
10-11 PM	2183	0.0	OFF	2183	0	0.00	0	68.0	68.0	68.0
11PM-MID	1598	0.0	OFF	1598	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	0.0263
MAIN ROUTE WITH WORKS	0.0223
'DIVERSION'	0.0048

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$85,556
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**  
**SATURDAY EASTBOUND DIRECTION**

