

<b>IH 94: CTH O TO STH 100 (WAUKESHA COUNTY)</b> <b>NIGHTTIME 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	3000	1038	0	0.35	0	69.4	61.4	49.7
1-2 AM	572	0.0	3000	572	0	0.36	0	70.0	61.7	49.7
2-3 AM	588	0.0	3000	588	0	0.36	0	70.0	61.7	49.7
3-4 AM	421	0.0	3000	421	0	0.36	0	70.2	61.8	49.7
4-5 AM	477	0.0	3000	477	0	0.36	0	70.1	61.8	49.7
5-6 AM	853	0.0	3000	853	0	0.35	0	69.7	61.5	49.7
6-7 AM	1689	0.0	3000	1689	0	0.34	0	68.6	61.0	49.7
7-8 AM	2673	0.0	2999	2673	0	0.51	0	67.4	56.9	43.4
8-9 AM	3331	0.0	OFF	3331	0	0.00	0	66.6	66.6	66.6
9-10 AM	2615	0.0	OFF	2615	0	0.00	0	67.5	67.5	67.5
10-11 AM	2907	0.0	OFF	2907	0	0.00	0	67.1	67.1	67.1
11AM-NOON	4375	0.0	OFF	4375	0	0.00	0	61.0	61.0	61.0
NOON-1PM	4418	0.0	OFF	4418	0	0.00	0	60.7	60.7	60.7
1-2 PM	3366	0.0	OFF	3366	0	0.00	0	66.6	66.6	66.6
2-3 PM	1980	0.0	OFF	1980	0	0.00	0	68.2	68.2	68.2
3-4 PM	2817	0.0	OFF	2817	0	0.00	0	67.3	67.3	67.3
4-5 PM	4391	0.0	OFF	4391	0	0.00	0	60.9	60.9	60.9
5-6 PM	3709	0.0	OFF	3709	0	0.00	0	65.5	65.5	65.5
6-7 PM	2977	0.0	2999	2977	0	1.59	52	67.0	42.7	38.8
7-8 PM	1679	0.0	3000	1679	0	0.34	0	68.6	61.0	49.7
8-9 PM	1410	0.0	3000	1410	0	0.34	0	69.0	61.2	49.7
9-10 PM	3114	0.0	2999	3114	0	1.20	29	66.9	46.8	37.3
10-11 PM	2285	0.0	3000	2285	0	0.54	12	67.9	56.7	48.0
11PM-MID	1560	0.0	3000	1560	0	0.34	0	68.8	61.0	49.7

"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	0.0273
MAIN ROUTE WITH WORKS	0.0259
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,809
CONGESTED HOURS PER DAY*	0

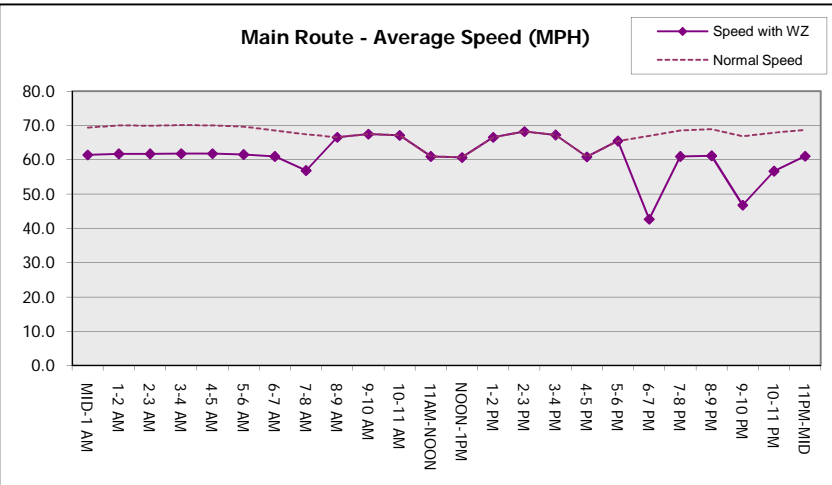
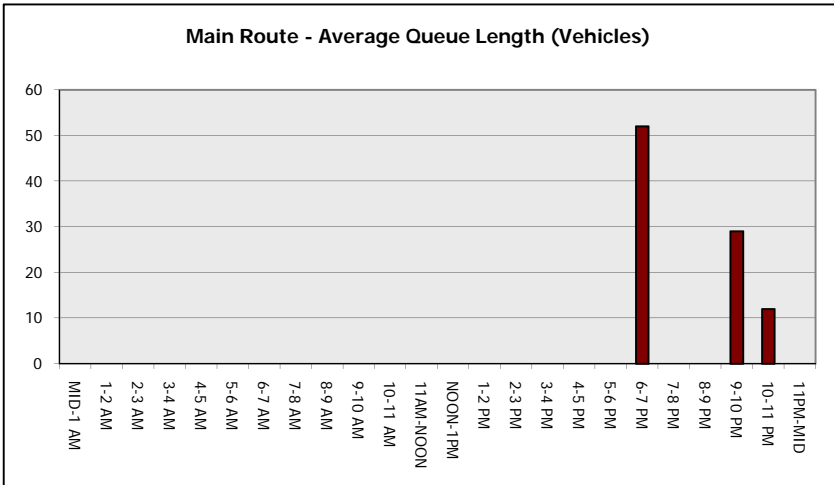
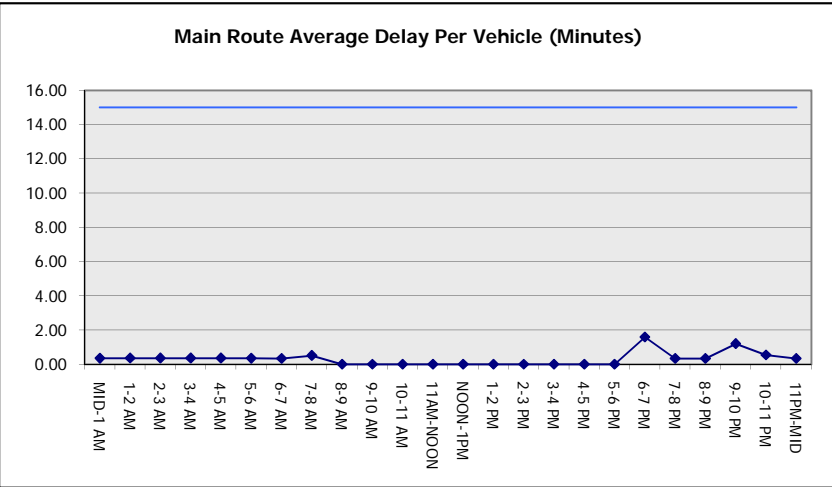
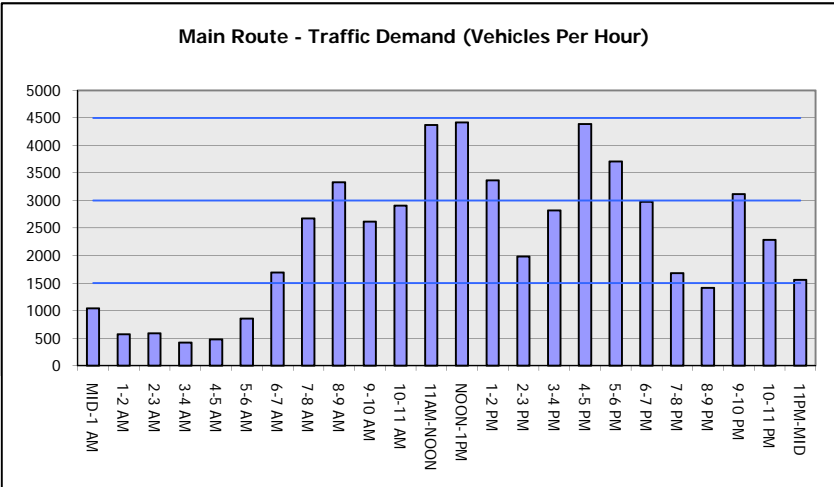
\*Delays Exceeding User-Specified Maximum

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**NIGHTTIME 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)                  NIGHTTIME CLOSURE                  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	3000	1052	0	0.35	0	69.4	61.4	49.7
1-2 AM	421	0.0	3000	421	0	0.36	0	70.2	61.8	49.7
2-3 AM	378	0.0	3000	378	0	0.36	0	70.2	61.8	49.7
3-4 AM	308	0.0	3000	308	0	0.36	0	70.2	61.8	49.7
4-5 AM	345	0.0	3000	345	0	0.36	0	70.2	61.8	49.7
5-6 AM	725	0.0	3000	725	0	0.35	0	69.9	61.6	49.7
6-7 AM	1322	0.0	3000	1322	0	0.35	0	69.1	61.2	49.7
7-8 AM	1990	0.0	3000	1990	0	0.33	0	68.2	60.8	49.7
8-9 AM	2579	0.0	OFF	2579	0	0.00	0	67.5	67.5	67.5
9-10 AM	2146	0.0	OFF	2146	0	0.00	0	68.1	68.1	68.1
10-11 AM	2567	0.0	OFF	2567	0	0.00	0	67.6	67.6	67.6
11AM-NOON	4002	0.0	OFF	4002	0	0.00	0	63.5	63.5	63.5
NOON-1PM	4141	0.0	OFF	4141	0	0.00	0	62.5	62.5	62.5
1-2 PM	3252	0.0	OFF	3252	0	0.00	0	66.7	66.7	66.7
2-3 PM	2196	0.0	OFF	2196	0	0.00	0	68.0	68.0	68.0
3-4 PM	3138	0.0	OFF	3138	0	0.00	0	66.8	66.8	66.8
4-5 PM	4877	0.0	OFF	4877	0	0.00	0	57.5	57.5	57.5
5-6 PM	4401	0.0	OFF	4401	0	0.00	0	60.8	60.8	60.8
6-7 PM	3357	0.0	2999	3357	0	4.99	253	66.6	23.9	37.3
7-8 PM	2008	0.0	3000	2008	0	1.27	83	68.2	46.6	48.1
8-9 PM	1536	0.0	3000	1536	0	0.34	0	68.8	61.1	49.7
9-10 PM	2782	0.0	3000	2782	0	0.59	0	67.3	55.5	40.9
10-11 PM	2183	0.0	3000	2183	0	0.33	0	68.0	60.7	49.7
11PM-MID	1598	0.0	3000	1598	0	0.34	0	68.7	61.0	49.7

"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	0.0263
MAIN ROUTE WITH WORKS	0.0250
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$6,510
CONGESTED HOURS PER DAY*	0

\*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**

