

<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**

SUNDAY 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	943	0.0	3000	943	0	0.35	0	69.6	61.5	49.7
1-2 AM	635	0.0	3000	635	0	0.36	0	69.9	61.7	49.7
2-3 AM	602	0.0	3000	602	0	0.36	0	70.0	61.7	49.7
3-4 AM	331	0.0	3000	331	0	0.36	0	70.2	61.8	49.7
4-5 AM	280	0.0	3000	280	0	0.36	0	70.2	61.8	49.7
5-6 AM	462	0.0	3000	462	0	0.36	0	70.2	61.8	49.7
6-7 AM	846	0.0	3000	846	0	0.35	0	69.7	61.5	49.7
7-8 AM	1340	0.0	3000	1340	0	0.35	0	69.1	61.2	49.7
8-9 AM	1778	0.0	3000	1778	0	0.34	0	68.5	60.9	49.7
9-10 AM	2695	0.0	OFF	2695	0	0.00	0	67.4	67.4	67.4
10-11 AM	3031	0.0	OFF	3031	0	0.00	0	66.9	66.9	66.9
11AM-NOON	3080	0.0	OFF	3080	0	0.00	0	66.9	66.9	66.9
NOON-1PM	3584	0.0	OFF	3584	0	0.00	0	66.3	66.3	66.3
1-2 PM	3922	0.0	OFF	3922	0	0.00	0	64.1	64.1	64.1
2-3 PM	3632	0.0	OFF	3632	0	0.00	0	66.1	66.1	66.1
3-4 PM	3864	0.0	OFF	3864	0	0.00	0	64.5	64.5	64.5
4-5 PM	3898	0.0	OFF	3898	0	0.00	0	64.2	64.2	64.2
5-6 PM	3746	0.0	OFF	3746	0	0.00	0	65.3	65.3	65.3
6-7 PM	2910	0.0	OFF	2910	0	0.00	0	67.1	67.1	67.1
7-8 PM	2171	0.0	3000	2171	0	0.33	0	68.1	60.7	49.7
8-9 PM	1774	0.0	3000	1774	0	0.34	0	68.6	60.9	49.7
9-10 PM	1241	0.0	3000	1241	0	0.35	0	69.2	61.3	49.7
10-11 PM	1080	0.0	3000	1080	0	0.35	0	69.4	61.4	49.7
11PM-MID	655	0.0	3000	655	0	0.36	0	69.9	61.7	49.7

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(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	0
(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	0.0239
MAIN ROUTE WITH WORKS	0.0230
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,118
CONGESTED HOURS PER DAY*	0

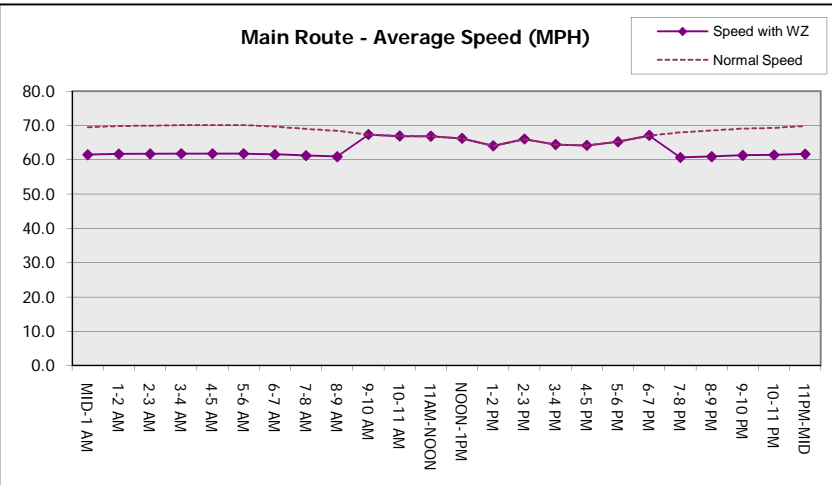
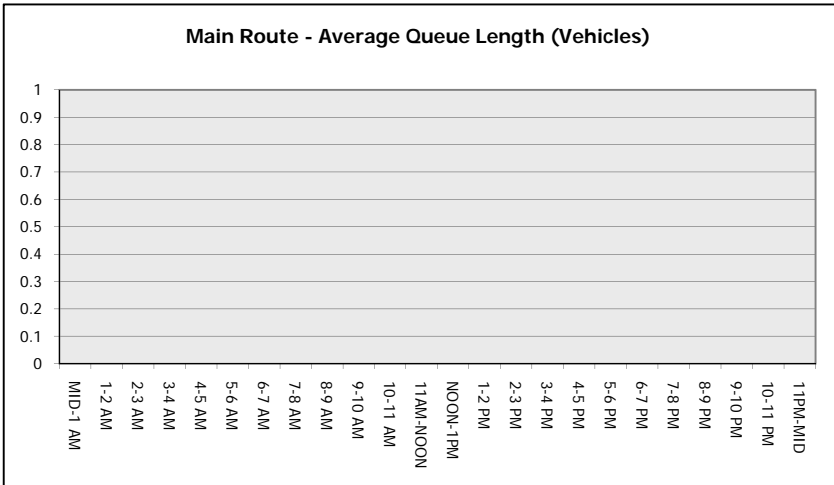
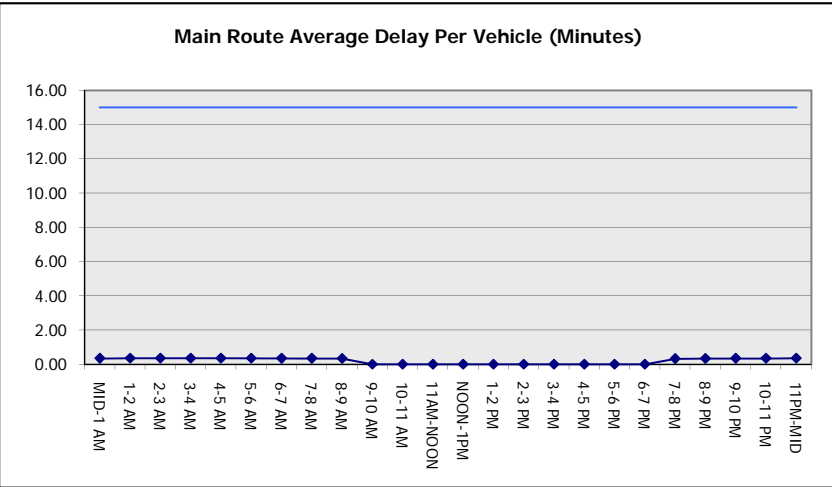
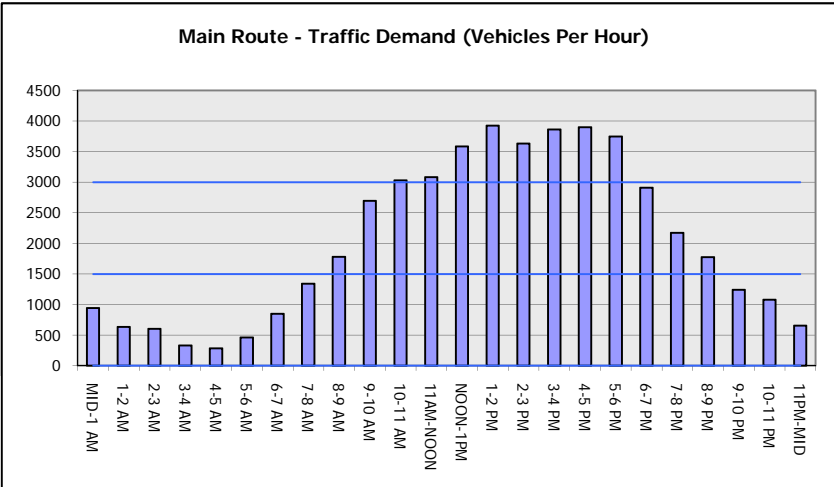
\*Delays Exceeding User-Specified Maximum

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

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**SUNDAY WESTBOUND DIRECTION**



<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>
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**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	849	0.0	3000	849	0	0.35	0	69.7	61.5	49.7
1-2 AM	501	0.0	3000	501	0	0.36	0	70.1	61.8	49.7
2-3 AM	362	0.0	3000	362	0	0.36	0	70.2	61.8	49.7
3-4 AM	237	0.0	3000	237	0	0.36	0	70.2	61.8	49.7
4-5 AM	253	0.0	3000	253	0	0.36	0	70.2	61.8	49.7
5-6 AM	362	0.0	3000	362	0	0.36	0	70.2	61.8	49.7
6-7 AM	707	0.0	3000	707	0	0.36	0	69.9	61.6	49.7
7-8 AM	1027	0.0	3000	1027	0	0.35	0	69.4	61.4	49.7
8-9 AM	1582	0.0	3000	1582	0	0.34	0	68.7	61.0	49.7
9-10 AM	2449	0.0	OFF	2449	0	0.00	0	67.7	67.7	67.7
10-11 AM	2940	0.0	OFF	2940	0	0.00	0	67.1	67.1	67.1
11AM-NOON	3433	0.0	OFF	3433	0	0.00	0	66.4	66.4	66.4
NOON-1PM	3609	0.0	OFF	3609	0	0.00	0	66.2	66.2	66.2
1-2 PM	3887	0.0	OFF	3887	0	0.00	0	64.3	64.3	64.3
2-3 PM	3632	0.0	OFF	3632	0	0.00	0	66.1	66.1	66.1
3-4 PM	3801	0.0	OFF	3801	0	0.00	0	64.9	64.9	64.9
4-5 PM	3312	0.0	OFF	3312	0	0.00	0	66.6	66.6	66.6
5-6 PM	3664	0.0	OFF	3664	0	0.00	0	65.8	65.8	65.8
6-7 PM	3587	0.0	OFF	3587	0	0.00	0	66.3	66.3	66.3
7-8 PM	2750	0.0	3000	2750	0	0.56	0	67.3	55.9	41.5
8-9 PM	2271	0.0	3000	2271	0	0.33	0	67.9	60.6	49.7
9-10 PM	1537	0.0	3000	1537	0	0.34	0	68.8	61.1	49.7
10-11 PM	1235	0.0	3000	1235	0	0.35	0	69.2	61.3	49.7
11PM-MID	698	0.0	3000	698	0	0.36	0	69.9	61.7	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	0.0240
MAIN ROUTE WITH WORKS	0.0231
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,269
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY EASTBOUND DIRECTION**

