

<b>IH 94: CTH G TO STH 16 (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**

MON-THUR                  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	260	0.0	1500	260	0	0.50	0	70.2	61.0	44.5
1-2 AM	194	0.0	1500	194	0	0.50	0	70.2	61.1	44.7
2-3 AM	153	0.0	1500	153	0	0.49	0	70.2	61.2	44.9
3-4 AM	191	0.0	1500	191	0	0.50	0	70.2	61.1	44.7
4-5 AM	324	0.0	1500	324	0	0.51	0	70.2	60.9	44.2
5-6 AM	747	0.0	OFF	747	0	0.00	0	69.8	69.8	69.8
6-7 AM	1690	0.0	OFF	1690	0	0.00	0	68.6	68.6	68.6
7-8 AM	2403	0.0	OFF	2403	0	0.00	0	67.8	67.8	67.8
8-9 AM	2252	0.0	OFF	2252	0	0.00	0	67.9	67.9	67.9
9-10 AM	1918	0.0	OFF	1918	0	0.00	0	68.4	68.4	68.4
10-11 AM	1890	0.0	OFF	1890	0	0.00	0	68.4	68.4	68.4
11AM-NOON	1998	0.0	OFF	1998	0	0.00	0	68.2	68.2	68.2
NOON-1PM	2159	0.0	OFF	2159	0	0.00	0	68.1	68.1	68.1
1-2 PM	2102	0.0	OFF	2102	0	0.00	0	68.1	68.1	68.1
2-3 PM	2533	0.0	OFF	2533	0	0.00	0	67.6	67.6	67.6
3-4 PM	3262	0.0	OFF	3262	0	0.00	0	66.7	66.7	66.7
4-5 PM	3756	0.0	OFF	3756	0	0.00	0	65.2	65.2	65.2
5-6 PM	3708	0.0	OFF	3708	0	0.00	0	65.5	65.5	65.5
6-7 PM	2431	0.0	OFF	2431	0	0.00	0	67.7	67.7	67.7
7-8 PM	1558	0.0	1499	1558	0	3.46	63	68.8	34.1	30.8
8-9 PM	1343	0.0	1499	1343	0	1.46	16	69.1	48.3	33.8
9-10 PM	1091	0.0	1500	1091	0	0.60	0	69.4	58.9	41.4
10-11 PM	690	0.0	1500	690	0	0.55	0	69.9	60.0	42.8
11PM-MID	553	0.0	1500	553	0	0.54	0	70.0	60.3	43.3

"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	0.0243
MAIN ROUTE WITH WORKS	0.0239
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,014
CONGESTED HOURS PER DAY*	0

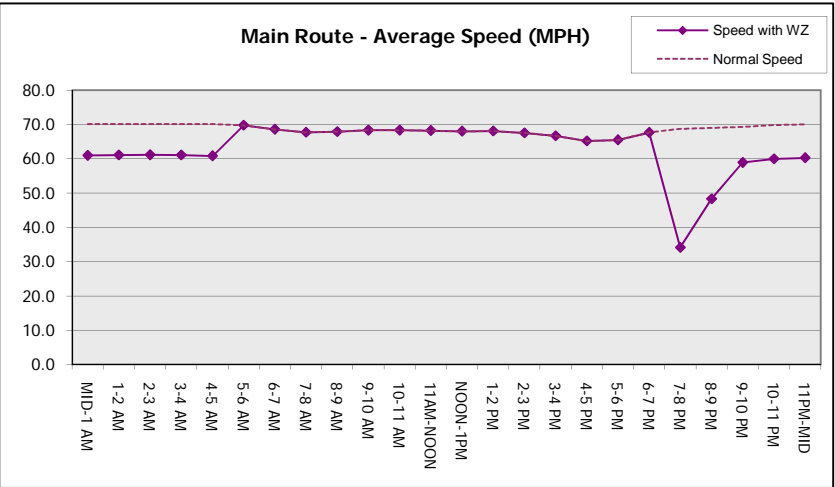
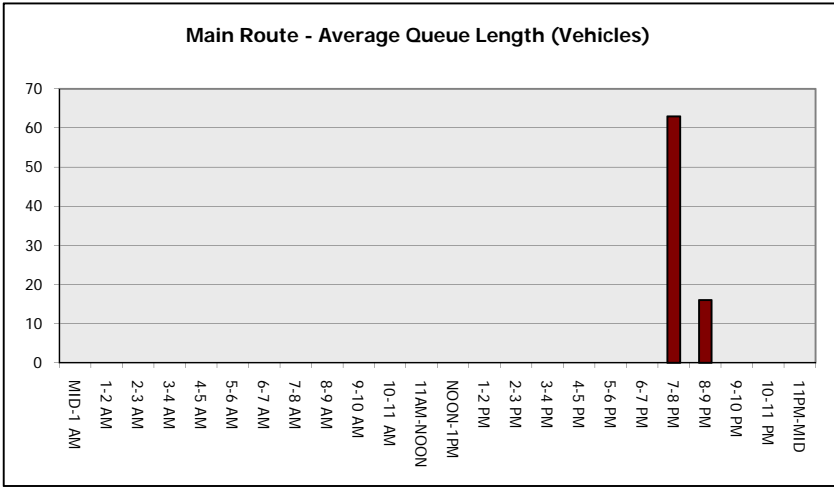
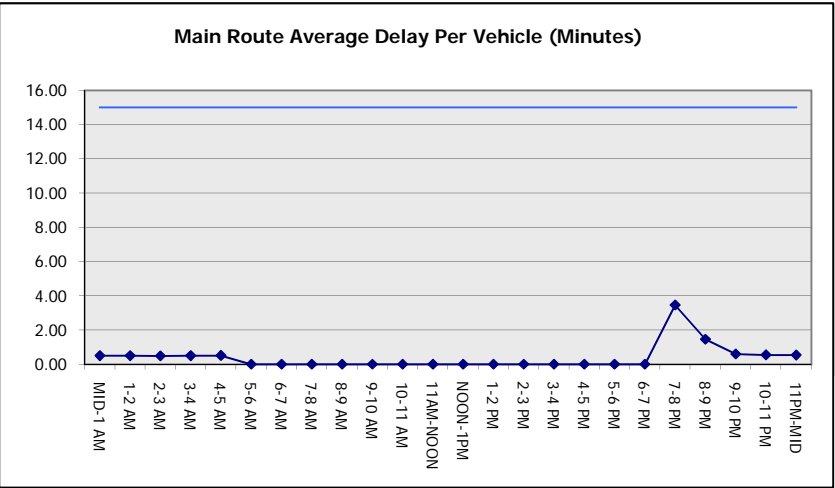
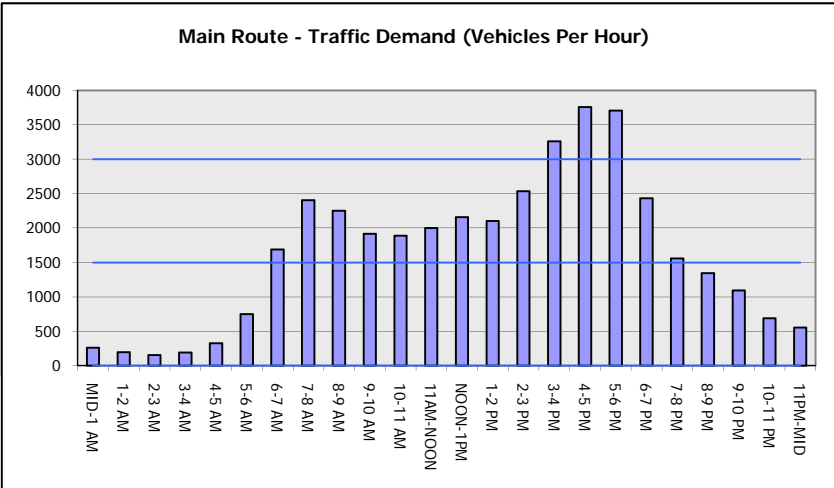
\*Delays Exceeding User-Specified Maximum

**IH 94: CTH G TO STH 16 (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**

**MON-THUR WESTBOUND DIRECTION**



<b>IH 94: CTH G TO STH 16 (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**

MON-THUR 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	212	0.0	1500	212	0	0.50	0	70.2	61.0	44.6
1-2 AM	172	0.0	1500	172	0	0.49	0	70.2	61.1	44.8
2-3 AM	184	0.0	1500	184	0	0.49	0	70.2	61.1	44.8
3-4 AM	198	0.0	1500	198	0	0.50	0	70.2	61.1	44.7
4-5 AM	424	0.0	1500	424	0	0.52	0	70.2	60.6	43.8
5-6 AM	1330	0.0	OFF	1330	0	0.00	0	69.1	69.1	69.1
6-7 AM	2919	0.0	OFF	2919	0	0.00	0	67.1	67.1	67.1
7-8 AM	3967	0.0	OFF	3967	0	0.00	0	63.8	63.8	63.8
8-9 AM	2998	0.0	OFF	2998	0	0.00	0	67.0	67.0	67.0
9-10 AM	2123	0.0	OFF	2123	0	0.00	0	68.1	68.1	68.1
10-11 AM	1899	0.0	OFF	1899	0	0.00	0	68.4	68.4	68.4
11AM-NOON	1864	0.0	OFF	1864	0	0.00	0	68.4	68.4	68.4
NOON-1PM	1880	0.0	OFF	1880	0	0.00	0	68.4	68.4	68.4
1-2 PM	2011	0.0	OFF	2011	0	0.00	0	68.2	68.2	68.2
2-3 PM	2195	0.0	OFF	2195	0	0.00	0	68.0	68.0	68.0
3-4 PM	2430	0.0	OFF	2430	0	0.00	0	67.7	67.7	67.7
4-5 PM	2497	0.0	OFF	2497	0	0.00	0	67.6	67.6	67.6
5-6 PM	2617	0.0	OFF	2617	0	0.00	0	67.5	67.5	67.5
6-7 PM	1794	0.0	OFF	1794	0	0.00	0	68.5	68.5	68.5
7-8 PM	1286	0.0	1500	1286	0	0.82	0	69.1	55.6	35.9
8-9 PM	1082	0.0	1500	1082	0	0.60	0	69.4	59.0	41.4
9-10 PM	938	0.0	1500	938	0	0.58	0	69.6	59.3	41.9
10-11 PM	654	0.0	1500	654	0	0.55	0	69.9	60.1	42.9
11PM-MID	404	0.0	1500	404	0	0.52	0	70.2	60.7	43.9

"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	0.0236
MAIN ROUTE WITH WORKS	0.0233
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$744
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**IH 94: CTH G TO STH 16 (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**  
**MON-THUR EASTBOUND DIRECTION**

