

<b>IH 94: CTH G TO STH 16 (WAUKESHA COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	403	0.0	3000	403	0	0.36	0	70.2	63.3	49.7
1-2 AM	233	0.0	3000	233	0	0.36	0	70.2	63.3	49.7
2-3 AM	185	0.0	3000	185	0	0.36	0	70.2	63.3	49.7
3-4 AM	195	0.0	3000	195	0	0.36	0	70.2	63.3	49.7
4-5 AM	329	0.0	3000	329	0	0.36	0	70.2	63.3	49.7
5-6 AM	755	0.0	OFF	755	0	0.00	0	69.8	69.8	69.8
6-7 AM	1656	0.0	OFF	1656	0	0.00	0	68.7	68.7	68.7
7-8 AM	2347	0.0	OFF	2347	0	0.00	0	67.8	67.8	67.8
8-9 AM	2437	0.0	OFF	2437	0	0.00	0	67.7	67.7	67.7
9-10 AM	2278	0.0	OFF	2278	0	0.00	0	67.9	67.9	67.9
10-11 AM	2286	0.0	OFF	2286	0	0.00	0	67.9	67.9	67.9
11AM-NOON	2330	0.0	OFF	2330	0	0.00	0	67.8	67.8	67.8
NOON-1PM	2491	0.0	OFF	2491	0	0.00	0	67.6	67.6	67.6
1-2 PM	2468	0.0	OFF	2468	0	0.00	0	67.7	67.7	67.7
2-3 PM	2833	0.0	OFF	2833	0	0.00	0	67.2	67.2	67.2
3-4 PM	3492	0.0	OFF	3492	0	0.00	0	66.4	66.4	66.4
4-5 PM	4025	0.0	OFF	4025	0	0.00	0	63.3	63.3	63.3
5-6 PM	3957	0.0	OFF	3957	0	0.00	0	63.8	63.8	63.8
6-7 PM	2842	0.0	OFF	2842	0	0.00	0	67.2	67.2	67.2
7-8 PM	1901	0.0	3000	1901	0	0.34	0	68.4	62.2	49.7
8-9 PM	1603	0.0	3000	1603	0	0.34	0	68.7	62.5	49.7
9-10 PM	1365	0.0	3000	1365	0	0.34	0	69.1	62.7	49.7
10-11 PM	1277	0.0	3000	1277	0	0.35	0	69.1	62.7	49.7
11PM-MID	835	0.0	3000	835	0	0.35	0	69.7	63.0	49.7

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

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	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	0.0277
MAIN ROUTE WITH WORKS	0.0271
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$572
CONGESTED HOURS PER DAY*	0

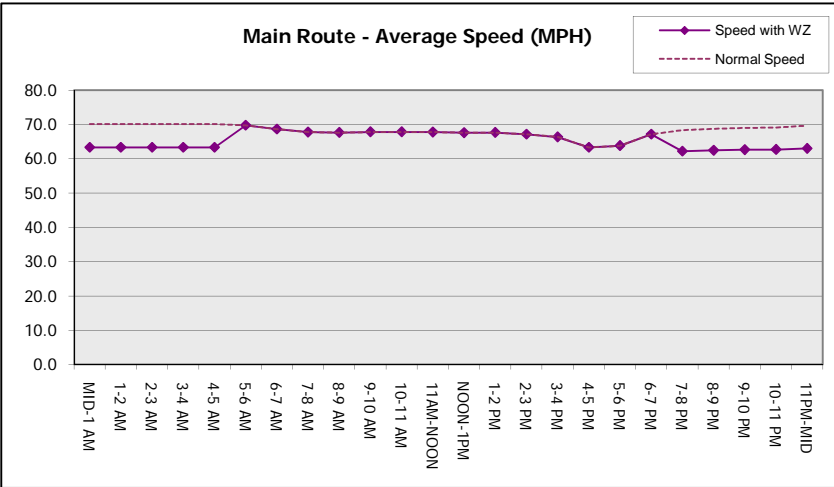
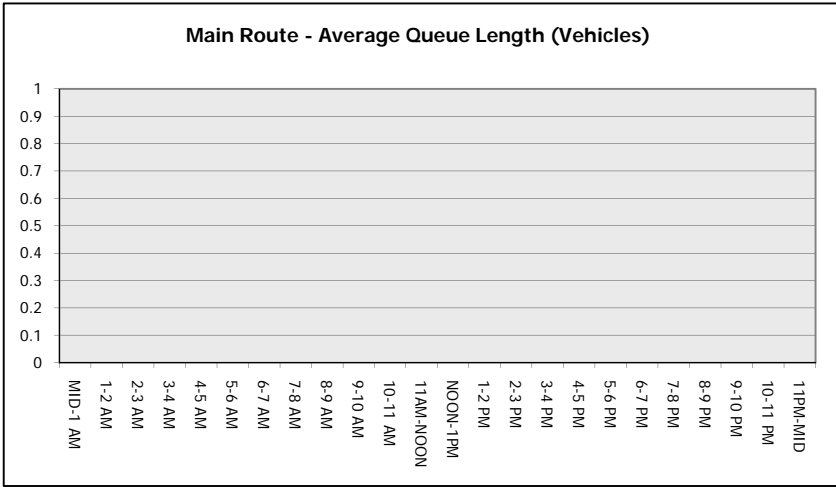
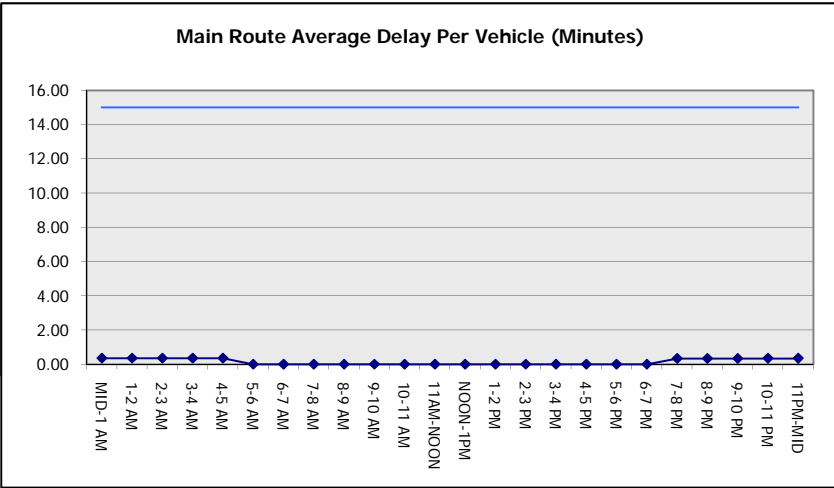
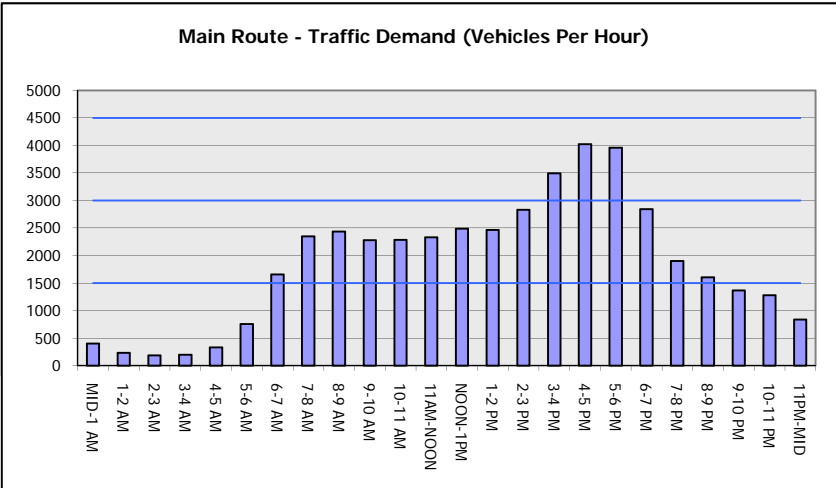
\*Delays Exceeding User-Specified Maximum

**IH 94: CTH G TO STH 16 (WAUKESHA COUNTY)**  
**NIGHTTIME CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 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 CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	305	0.0	3000	305	0	0.36	0	70.2	63.3	49.7
1-2 AM	219	0.0	3000	219	0	0.36	0	70.2	63.3	49.7
2-3 AM	174	0.0	3000	174	0	0.36	0	70.2	63.3	49.7
3-4 AM	212	0.0	3000	212	0	0.36	0	70.2	63.3	49.7
4-5 AM	453	0.0	3000	453	0	0.36	0	70.2	63.3	49.7
5-6 AM	1358	0.0	OFF	1358	0	0.00	0	69.1	69.1	69.1
6-7 AM	2741	0.0	OFF	2741	0	0.00	0	67.3	67.3	67.3
7-8 AM	3880	0.0	OFF	3880	0	0.00	0	64.3	64.3	64.3
8-9 AM	3075	0.0	OFF	3075	0	0.00	0	66.9	66.9	66.9
9-10 AM	2527	0.0	OFF	2527	0	0.00	0	67.6	67.6	67.6
10-11 AM	2443	0.0	OFF	2443	0	0.00	0	67.7	67.7	67.7
11AM-NOON	2437	0.0	OFF	2437	0	0.00	0	67.7	67.7	67.7
NOON-1PM	2388	0.0	OFF	2388	0	0.00	0	67.8	67.8	67.8
1-2 PM	2428	0.0	OFF	2428	0	0.00	0	67.7	67.7	67.7
2-3 PM	2600	0.0	OFF	2600	0	0.00	0	67.5	67.5	67.5
3-4 PM	2754	0.0	OFF	2754	0	0.00	0	67.3	67.3	67.3
4-5 PM	2980	0.0	OFF	2980	0	0.00	0	67.0	67.0	67.0
5-6 PM	3051	0.0	OFF	3051	0	0.00	0	66.9	66.9	66.9
6-7 PM	2174	0.0	OFF	2174	0	0.00	0	68.1	68.1	68.1
7-8 PM	1568	0.0	3000	1568	0	0.34	0	68.8	62.5	49.7
8-9 PM	1343	0.0	3000	1343	0	0.35	0	69.1	62.7	49.7
9-10 PM	1283	0.0	3000	1283	0	0.35	0	69.1	62.7	49.7
10-11 PM	833	0.0	3000	833	0	0.35	0	69.7	63.0	49.7
11PM-MID	572	0.0	3000	572	0	0.36	0	70.0	63.3	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	0.0272
MAIN ROUTE WITH WORKS	0.0267
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$485
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**IH 94: CTH G TO STH 16 (WAUKESHA COUNTY)  
NIGHTTIME CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR EASTBOUND DIRECTION**

