

<b>IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan RD (MILWAUKEE 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**

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	901	0.0	3000	901	0	0.36	0	70.2	61.5	49.7
1-2 AM	568	0.0	3000	568	0	0.36	0	70.2	61.5	49.7
2-3 AM	458	0.0	3000	458	0	0.36	0	70.2	61.5	49.7
3-4 AM	421	0.0	3000	421	0	0.36	0	70.2	61.5	49.7
4-5 AM	445	0.0	3000	445	0	0.36	0	70.2	61.5	49.7
5-6 AM	869	0.0	3000	869	0	0.36	0	70.2	61.5	49.7
6-7 AM	1338	0.0	3000	1338	0	0.36	0	70.2	61.5	49.7
7-8 AM	1700	0.0	3000	1700	0	0.36	0	69.9	61.4	49.7
8-9 AM	2421	0.0	OFF	2421	0	0.00	0	69.1	69.1	69.1
9-10 AM	2833	0.0	OFF	2833	0	0.00	0	68.5	68.5	68.5
10-11 AM	3176	0.0	OFF	3176	0	0.00	0	68.1	68.1	68.1
11AM-NOON	3295	0.0	OFF	3295	0	0.00	0	67.9	67.9	67.9
NOON-1PM	3446	0.0	OFF	3446	0	0.00	0	67.8	67.8	67.8
1-2 PM	3506	0.0	OFF	3506	0	0.00	0	67.7	67.7	67.7
2-3 PM	3412	0.0	OFF	3412	0	0.00	0	67.8	67.8	67.8
3-4 PM	3342	0.0	OFF	3342	0	0.00	0	67.9	67.9	67.9
4-5 PM	3232	0.0	OFF	3232	0	0.00	0	68.0	68.0	68.0
5-6 PM	3075	0.0	OFF	3075	0	0.00	0	68.2	68.2	68.2
6-7 PM	2610	0.0	3000	2610	0	0.51	0	68.8	57.6	43.8
7-8 PM	2369	0.0	3000	2369	0	0.35	0	69.1	60.9	49.5
8-9 PM	2031	0.0	3000	2031	0	0.35	0	69.5	61.2	49.7
9-10 PM	1876	0.0	3000	1876	0	0.35	0	69.7	61.3	49.7
10-11 PM	1588	0.0	3000	1588	0	0.36	0	70.0	61.5	49.7
11PM-MID	1243	0.0	3000	1243	0	0.36	0	70.2	61.5	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	0.0227
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,572
CONGESTED HOURS PER DAY*	0

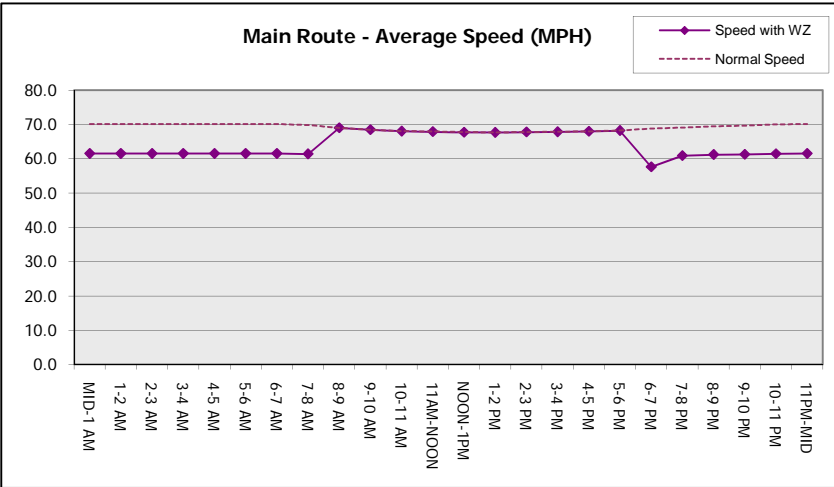
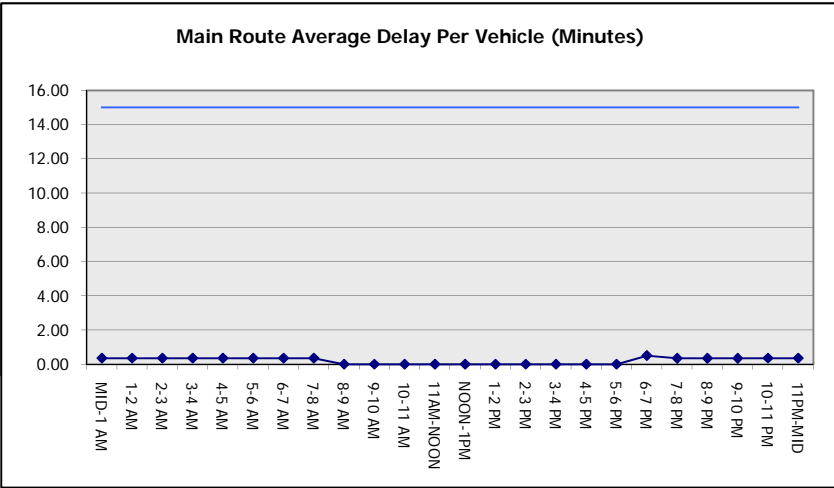
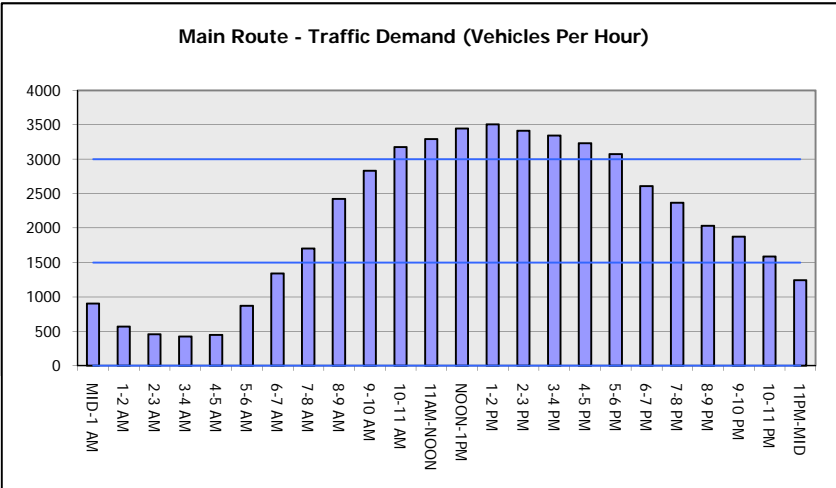
\*Delays Exceeding User-Specified Maximum

**IH 94: CTH BB/RAWSON AVE TO STH 100/RYAN RD (MILWAUKEE COUNTY)**  
**NIGHTTIME CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

**SATURDAY WESTBOUND DIRECTION**



<b>IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan RD (MILWAUKEE 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**

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	975	0.0	3000	975	0	0.36	0	70.2	61.5	49.7
1-2 AM	603	0.0	3000	603	0	0.36	0	70.2	61.5	49.7
2-3 AM	582	0.0	3000	582	0	0.36	0	70.2	61.5	49.7
3-4 AM	497	0.0	3000	497	0	0.36	0	70.2	61.5	49.7
4-5 AM	684	0.0	3000	684	0	0.36	0	70.2	61.5	49.7
5-6 AM	1146	0.0	3000	1146	0	0.36	0	70.2	61.5	49.7
6-7 AM	1228	0.0	3000	1228	0	0.36	0	70.2	61.5	49.7
7-8 AM	1459	0.0	3000	1459	0	0.36	0	70.2	61.5	49.7
8-9 AM	2022	0.0	OFF	2022	0	0.00	0	69.6	69.6	69.6
9-10 AM	2558	0.0	OFF	2558	0	0.00	0	68.9	68.9	68.9
10-11 AM	2908	0.0	OFF	2908	0	0.00	0	68.4	68.4	68.4
11AM-NOON	3229	0.0	OFF	3229	0	0.00	0	68.0	68.0	68.0
NOON-1PM	3384	0.0	OFF	3384	0	0.00	0	67.8	67.8	67.8
1-2 PM	3247	0.0	OFF	3247	0	0.00	0	68.0	68.0	68.0
2-3 PM	3439	0.0	OFF	3439	0	0.00	0	67.8	67.8	67.8
3-4 PM	3328	0.0	OFF	3328	0	0.00	0	67.9	67.9	67.9
4-5 PM	3158	0.0	OFF	3158	0	0.00	0	68.1	68.1	68.1
5-6 PM	2888	0.0	OFF	2888	0	0.00	0	68.4	68.4	68.4
6-7 PM	2506	0.0	3000	2506	0	0.44	0	68.9	59.0	46.1
7-8 PM	2224	0.0	3000	2224	0	0.35	0	69.3	61.1	49.7
8-9 PM	2127	0.0	3000	2127	0	0.35	0	69.4	61.2	49.7
9-10 PM	2223	0.0	3000	2223	0	0.35	0	69.3	61.1	49.7
10-11 PM	1763	0.0	3000	1763	0	0.36	0	69.9	61.4	49.7
11PM-MID	1327	0.0	3000	1327	0	0.36	0	70.2	61.5	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	0.0236
MAIN ROUTE WITH WORKS	0.0224
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,604
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY EASTBOUND DIRECTION**

