

<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>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	849	0.0	3000	849	0	0.36	0	70.2	61.5	49.7
1-2 AM	491	0.0	3000	491	0	0.36	0	70.2	61.5	49.7
2-3 AM	362	0.0	3000	362	0	0.36	0	70.2	61.5	49.7
3-4 AM	249	0.0	3000	249	0	0.36	0	70.2	61.5	49.7
4-5 AM	253	0.0	3000	253	0	0.36	0	70.2	61.5	49.7
5-6 AM	397	0.0	3000	397	0	0.36	0	70.2	61.5	49.7
6-7 AM	681	0.0	3000	681	0	0.36	0	70.2	61.5	49.7
7-8 AM	879	0.0	3000	879	0	0.36	0	70.2	61.5	49.7
8-9 AM	1310	0.0	3000	1310	0	0.36	0	70.2	61.5	49.7
9-10 AM	1783	0.0	OFF	1783	0	0.00	0	69.8	69.8	69.8
10-11 AM	2324	0.0	OFF	2324	0	0.00	0	69.2	69.2	69.2
11AM-NOON	2839	0.0	OFF	2839	0	0.00	0	68.5	68.5	68.5
NOON-1PM	3101	0.0	OFF	3101	0	0.00	0	68.2	68.2	68.2
1-2 PM	2932	0.0	OFF	2932	0	0.00	0	68.4	68.4	68.4
2-3 PM	2811	0.0	OFF	2811	0	0.00	0	68.6	68.6	68.6
3-4 PM	3108	0.0	OFF	3108	0	0.00	0	68.2	68.2	68.2
4-5 PM	3069	0.0	OFF	3069	0	0.00	0	68.2	68.2	68.2
5-6 PM	2880	0.0	OFF	2880	0	0.00	0	68.4	68.4	68.4
6-7 PM	2582	0.0	OFF	2582	0	0.00	0	68.8	68.8	68.8
7-8 PM	2404	0.0	3000	2404	0	0.37	0	69.1	60.4	48.6
8-9 PM	2008	0.0	3000	2008	0	0.35	0	69.6	61.2	49.7
9-10 PM	1790	0.0	3000	1790	0	0.35	0	69.8	61.4	49.7
10-11 PM	1332	0.0	3000	1332	0	0.36	0	70.2	61.5	49.7
11PM-MID	809	0.0	3000	809	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	0.0197
MAIN ROUTE WITH WORKS	0.0188
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,123
CONGESTED HOURS PER DAY*	0

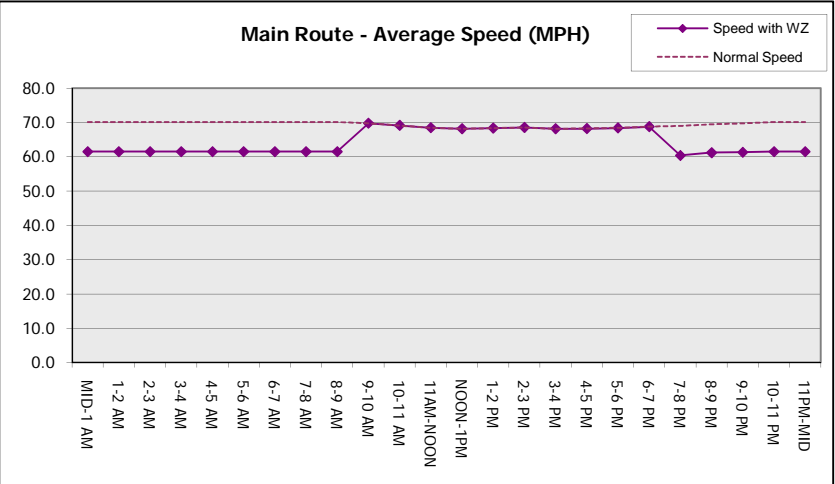
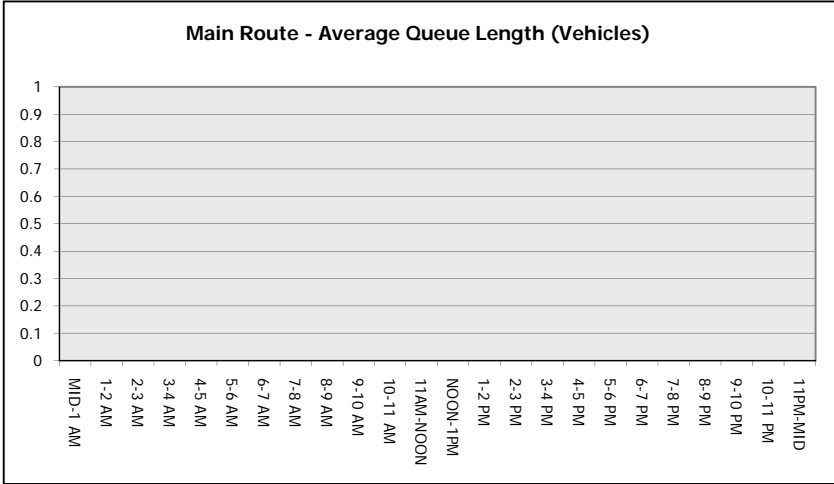
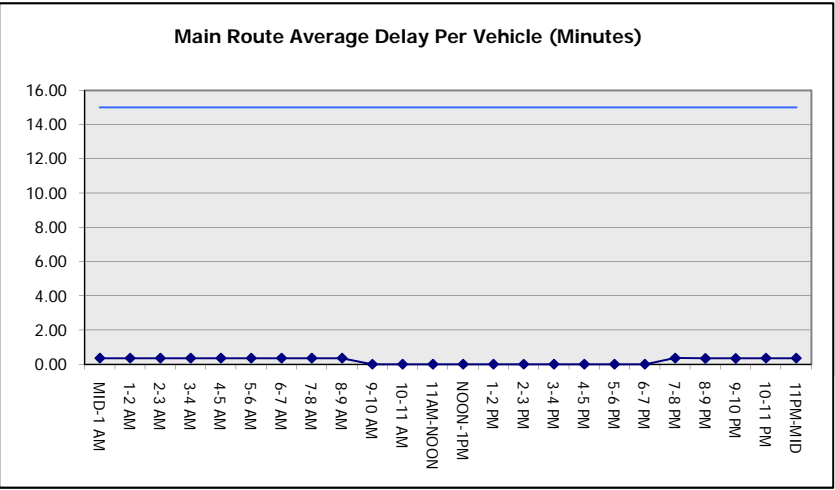
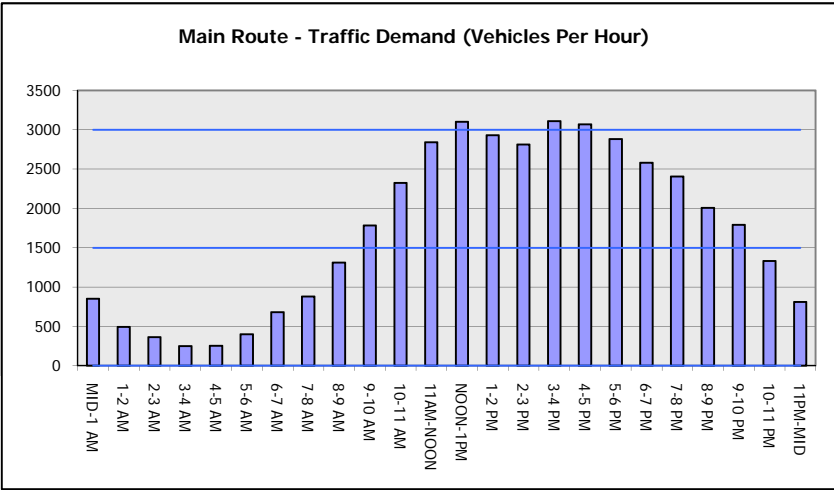
\*Delays Exceeding User-Specified Maximum

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

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**SUNDAY 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>MAY</b>
	Analyzed for 2009 Construction Season

**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	761	0.0	3000	761	0	0.36	0	70.2	61.5	49.7
1-2 AM	543	0.0	3000	543	0	0.36	0	70.2	61.5	49.7
2-3 AM	553	0.0	3000	553	0	0.36	0	70.2	61.5	49.7
3-4 AM	394	0.0	3000	394	0	0.36	0	70.2	61.5	49.7
4-5 AM	377	0.0	3000	377	0	0.36	0	70.2	61.5	49.7
5-6 AM	599	0.0	3000	599	0	0.36	0	70.2	61.5	49.7
6-7 AM	821	0.0	3000	821	0	0.36	0	70.2	61.5	49.7
7-8 AM	1021	0.0	3000	1021	0	0.36	0	70.2	61.5	49.7
8-9 AM	1438	0.0	3000	1438	0	0.36	0	70.2	61.5	49.7
9-10 AM	2129	0.0	OFF	2129	0	0.00	0	69.4	69.4	69.4
10-11 AM	2589	0.0	OFF	2589	0	0.00	0	68.8	68.8	68.8
11AM-NOON	3046	0.0	OFF	3046	0	0.00	0	68.2	68.2	68.2
NOON-1PM	3405	0.0	OFF	3405	0	0.00	0	67.8	67.8	67.8
1-2 PM	3444	0.0	OFF	3444	0	0.00	0	67.8	67.8	67.8
2-3 PM	3495	0.0	OFF	3495	0	0.00	0	67.7	67.7	67.7
3-4 PM	3459	0.0	OFF	3459	0	0.00	0	67.8	67.8	67.8
4-5 PM	3564	0.0	OFF	3564	0	0.00	0	67.6	67.6	67.6
5-6 PM	3168	0.0	OFF	3168	0	0.00	0	68.1	68.1	68.1
6-7 PM	2748	0.0	OFF	2748	0	0.00	0	68.6	68.6	68.6
7-8 PM	2395	0.0	3000	2395	0	0.37	0	69.1	60.5	48.8
8-9 PM	2048	0.0	3000	2048	0	0.35	0	69.5	61.2	49.7
9-10 PM	1627	0.0	3000	1627	0	0.36	0	70.0	61.5	49.7
10-11 PM	1226	0.0	3000	1226	0	0.36	0	70.2	61.5	49.7
11PM-MID	750	0.0	3000	750	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	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	0.0218
MAIN ROUTE WITH WORKS	0.0208
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,187
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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 Construction Season

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

