

<b>IH 94: CTH BB/RAWSON AVE TO STH 100/RYAN RD (MILWAUKEE COUNTY)</b> <b>NIGHTTIME 2 LANE 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	1500	849	0	0.47	0	70.2	59.2	45.4	
1-2 AM	491	0.0	1500	491	0	0.43	0	70.2	60.1	46.9	
2-3 AM	362	0.0	1500	362	0	0.41	0	70.2	60.4	47.5	
3-4 AM	249	0.0	1500	249	0	0.40	0	70.2	60.7	48.1	
4-5 AM	253	0.0	1500	253	0	0.40	0	70.2	60.7	48.1	
5-6 AM	397	0.0	1500	397	0	0.42	0	70.2	60.3	47.4	
6-7 AM	681	0.0	1500	681	0	0.45	0	70.2	59.6	46.1	
7-8 AM	879	0.0	1500	879	0	0.48	0	70.2	59.1	45.3	
8-9 AM	1310	0.0	1499	1310	0	0.76	0	70.2	54.2	37.8	
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	1499	1958	446	12.64+	319	69.1	11.8	32.9	
8-9 PM	2008	0.0	1499	1470	538	16.17+	397	69.6	9.6	32.5	
9-10 PM	1790	0.0	1499	1488	302	16.24+	398	69.8	9.6	32.5	
10-11 PM	1332	0.0	1499	1313	19	13.99+	346	70.2	10.9	32.5	
11PM-MID	809	0.0	1500	809	0	1.24	41	70.2	47.4	45.3	

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

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- 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	0.0183
'DIVERSION'	0.0014
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$30,006
CONGESTED HOURS PER DAY*	4

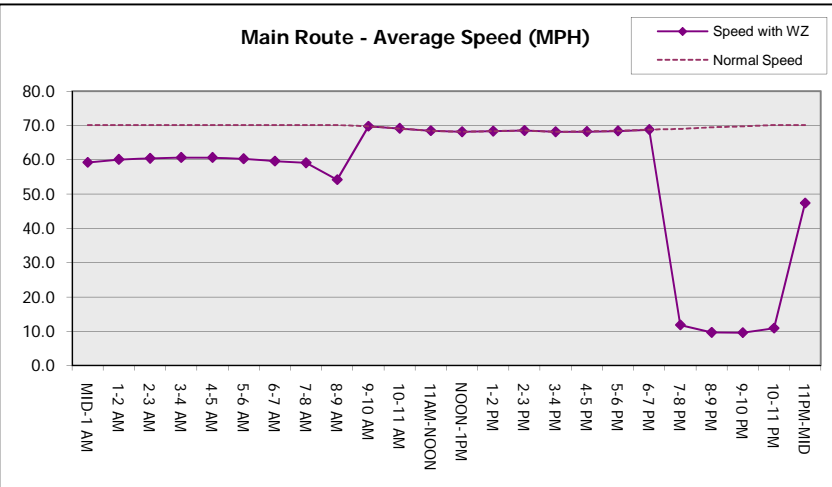
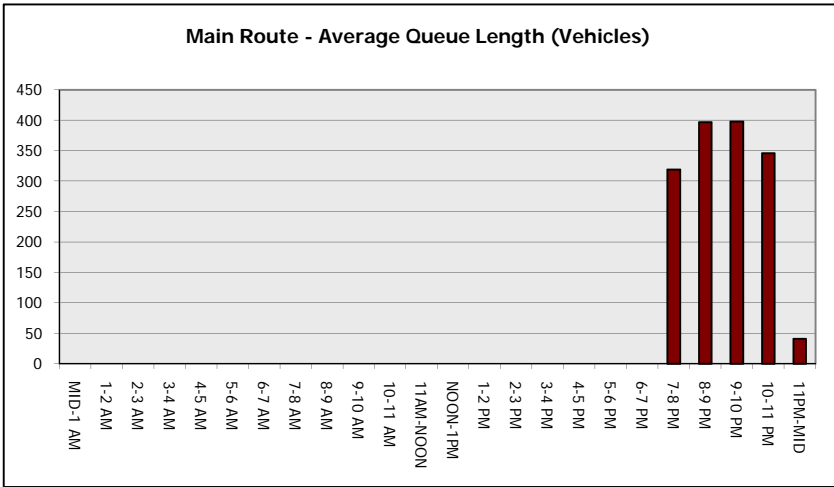
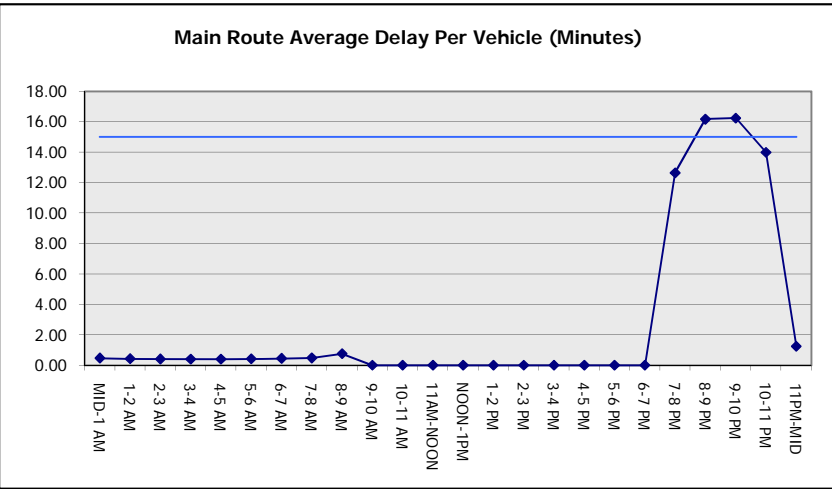
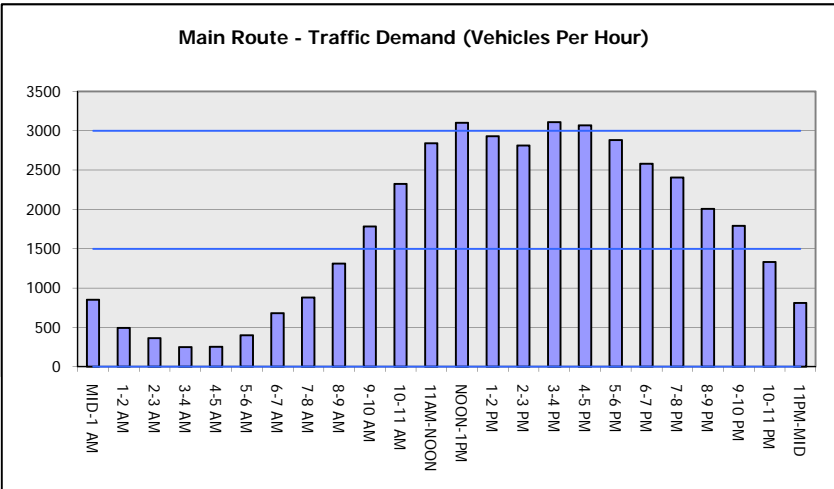
\*Delays Exceeding User-Specified Maximum

**IH 94: CTH BB/RAWSON AVE TO STH 100/RYAN RD (MILWAUKEE 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**

**SUNDAY WESTBOUND DIRECTION**



<b>IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan RD (MILWAUKEE COUNTY)</b> <b>NIGHTTIME 2 LANE 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	1500	761	0	0.46	0	70.2	59.4	45.8
1-2 AM	543	0.0	1500	543	0	0.44	0	70.2	60.0	46.7
2-3 AM	553	0.0	1500	553	0	0.44	0	70.2	59.9	46.7
3-4 AM	394	0.0	1500	394	0	0.42	0	70.2	60.3	47.4
4-5 AM	377	0.0	1500	377	0	0.42	0	70.2	60.4	47.4
5-6 AM	599	0.0	1500	599	0	0.44	0	70.2	59.8	46.5
6-7 AM	821	0.0	1500	821	0	0.47	0	70.2	59.3	45.5
7-8 AM	1021	0.0	1499	1021	0	0.50	0	70.2	58.8	44.7
8-9 AM	1438	0.0	1499	1438	0	1.18	9	70.2	48.1	35.1
9-10 AM	2129	0.0	OFF	2129	0	0.00	0	69.4	69.3	69.3
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	1499	1948	448	12.66+	319	69.1	11.8	33.0
8-9 PM	2048	0.0	1499	1496	552	16.26+	399	69.5	9.6	32.5
9-10 PM	1627	0.0	1499	1459	168	16.13+	395	70.0	9.6	32.5
10-11 PM	1226	0.0	1499	1226	0	11.41	292	70.2	12.9	33.8
11PM-MID	750	0.0	1500	750	0	0.72	11	70.2	54.8	45.8

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

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0218
MAIN ROUTE WITH WORKS	0.0203
'DIVERSION'	0.0013

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$28,430
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding User-Specified Maximum

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**MAY**  
 Analyzed for 2009  
 Construction Season

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

