

<b>IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan RD (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) 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	3000	1783	0	0.35	0	69.8	61.4	49.7
10-11 AM	2324	0.0	3000	2324	0	0.35	0	69.2	61.0	49.7
11AM-NOON	2839	0.0	2999	2839	0	0.66	0	68.5	54.8	39.5
NOON-1PM	3101	0.0	2999	3101	0	1.57	47	68.2	42.7	36.9
1-2 PM	2932	0.0	2999	2932	0	2.11	75	68.4	37.9	37.0
2-3 PM	2811	0.0	3000	2811	0	0.68	2	68.6	54.3	39.8
3-4 PM	3108	0.0	2999	3108	0	1.54	45	68.2	43.1	36.9
4-5 PM	3069	0.0	2999	3069	0	3.46	149	68.2	29.5	36.9
5-6 PM	2880	0.0	2999	2880	0	3.09	132	68.4	31.4	37.2
6-7 PM	2582	0.0	3000	2582	0	0.56	4	68.8	56.6	44.3
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

*----- 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	0.0170
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$13,234
CONGESTED HOURS PER DAY*	0

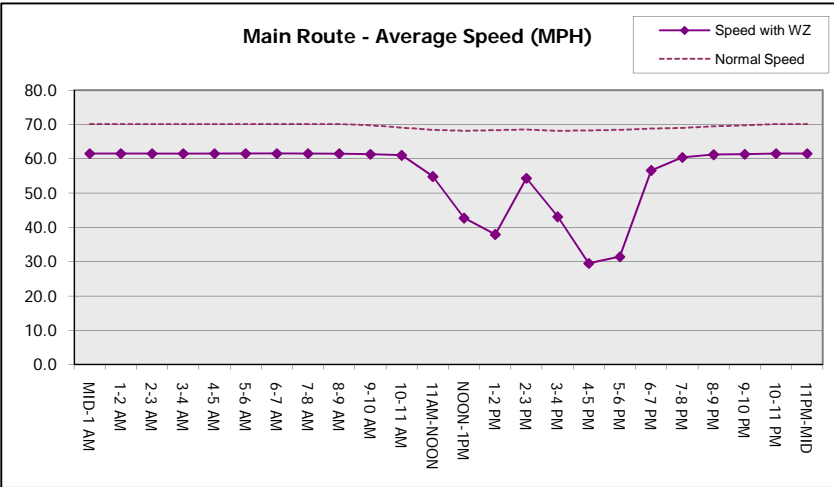
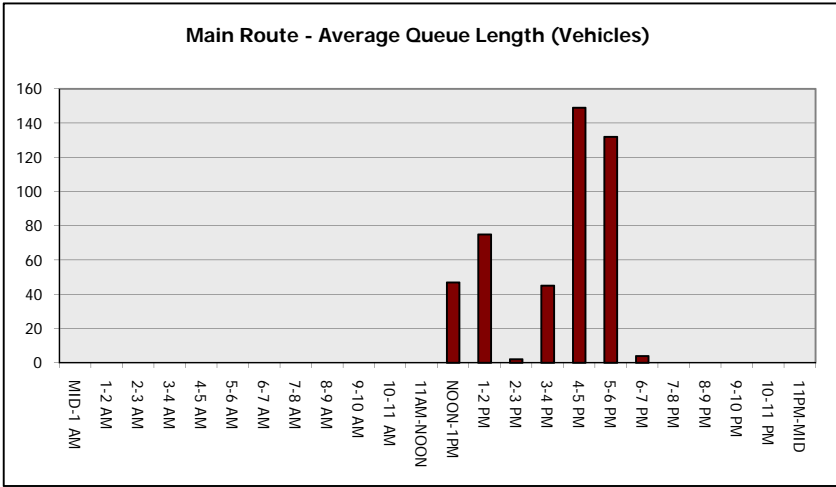
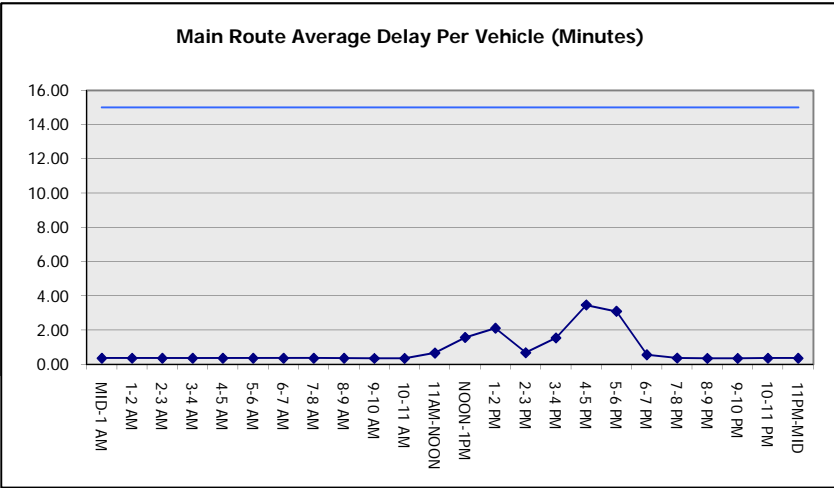
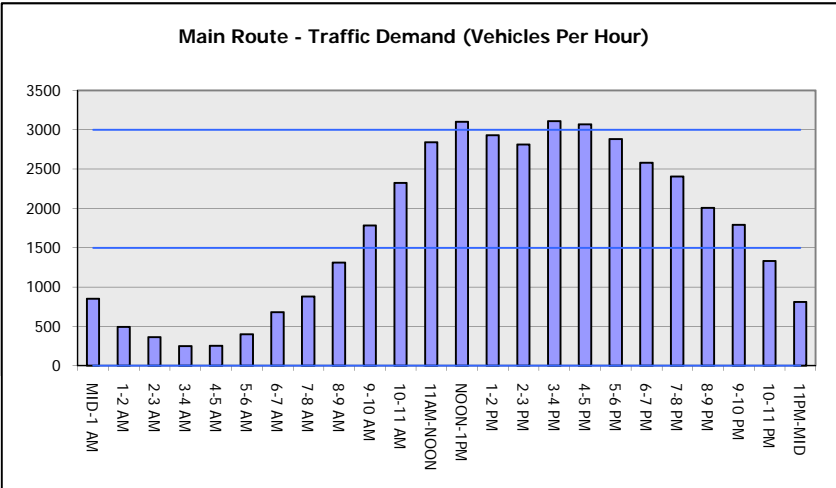
\*Delays Exceeding User-Specified Maximum

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**CONTINUOUS (24 HOUR) 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>CONTINUOUS (24 HOUR) CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
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**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	3000	2129	0	0.35	0	69.4	61.2	49.7	
10-11 AM	2589	0.0	2999	2589	0	0.49	0	68.8	57.9	44.3	
11AM-NOON	3046	0.0	2999	3046	0	1.04	18	68.2	48.9	37.3	
NOON-1PM	3405	0.0	3000	3405	0	5.10	264	67.8	23.2	36.9	
1-2 PM	3444	0.0	2999	3413	32	13.19+	694	67.8	12.7	36.9	
2-3 PM	3495	0.0	3000	2987	508	16.17+	849	67.7	11.6	36.9	
3-4 PM	3459	0.0	2999	2991	468	16.17+	848	67.8	11.6	36.9	
4-5 PM	3564	0.0	2999	2994	570	16.17+	849	67.6	11.6	36.9	
5-6 PM	3168	0.0	3000	2983	184	16.14+	846	68.1	11.6	36.9	
6-7 PM	2748	0.0	2999	2748	0	14.26+	745	68.6	12.3	36.9	
7-8 PM	2395	0.0	2999	2395	0	5.15	314	69.1	23.3	40.8	
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	

+ 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	0.0218
MAIN ROUTE WITH WORKS	0.0180
'DIVERSION'	0.0019

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$97,188
CONGESTED HOURS PER DAY*	6

\*Delays Exceeding User-Specified Maximum

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

