

IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan RD (MILWAUKEE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	OFF	849	0	0.00	0	70.2	70.2	70.2
1-2 AM	491	0.0	OFF	491	0	0.00	0	70.2	70.2	70.2
2-3 AM	362	0.0	OFF	362	0	0.00	0	70.2	70.2	70.2
3-4 AM	249	0.0	OFF	249	0	0.00	0	70.2	70.2	70.2
4-5 AM	253	0.0	OFF	253	0	0.00	0	70.2	70.2	70.2
5-6 AM	397	0.0	OFF	397	0	0.00	0	70.2	70.2	70.2
6-7 AM	681	0.0	OFF	681	0	0.00	0	70.2	70.2	70.2
7-8 AM	879	0.0	OFF	879	0	0.00	0	70.2	70.2	70.2
8-9 AM	1310	0.0	OFF	1310	0	0.00	0	70.2	70.2	70.2
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	OFF	2404	0	0.00	0	69.1	69.1	69.1
8-9 PM	2008	0.0	OFF	2008	0	0.00	0	69.6	69.6	69.6
9-10 PM	1790	0.0	OFF	1790	0	0.00	0	69.8	69.8	69.8
10-11 PM	1332	0.0	OFF	1332	0	0.00	0	70.2	70.2	70.2
11PM-MID	809	0.0	OFF	809	0	0.00	0	70.2	70.2	70.2

"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	0.0179
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$11,597
CONGESTED HOURS PER DAY*	0

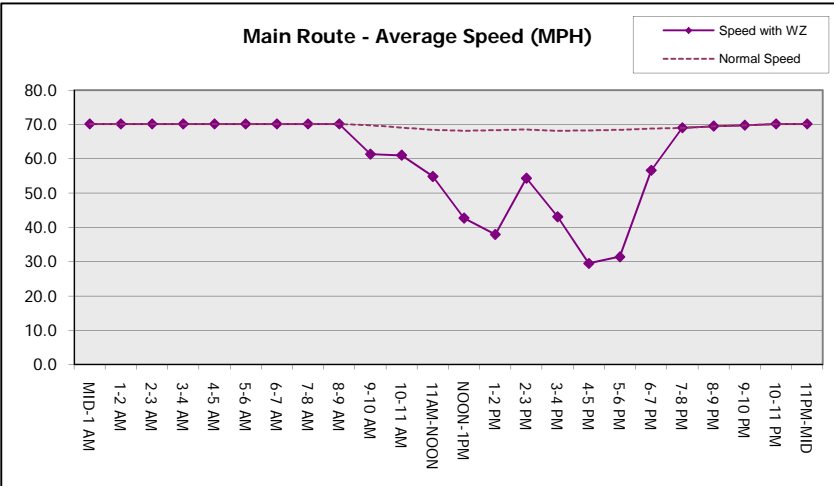
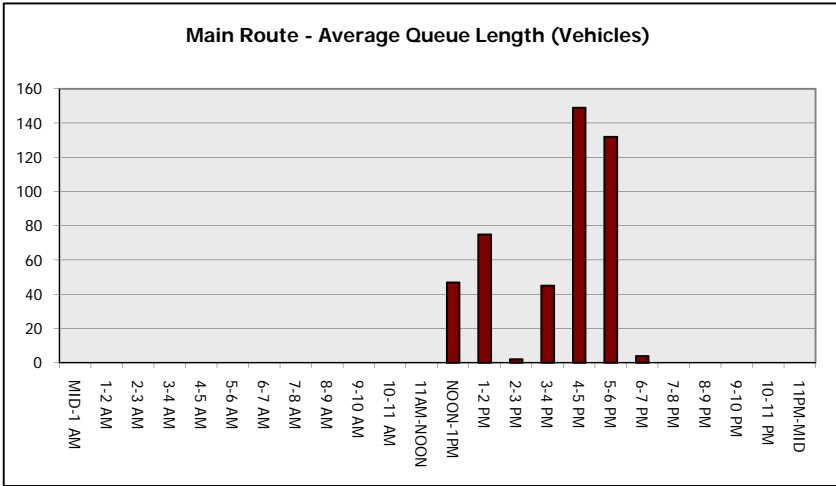
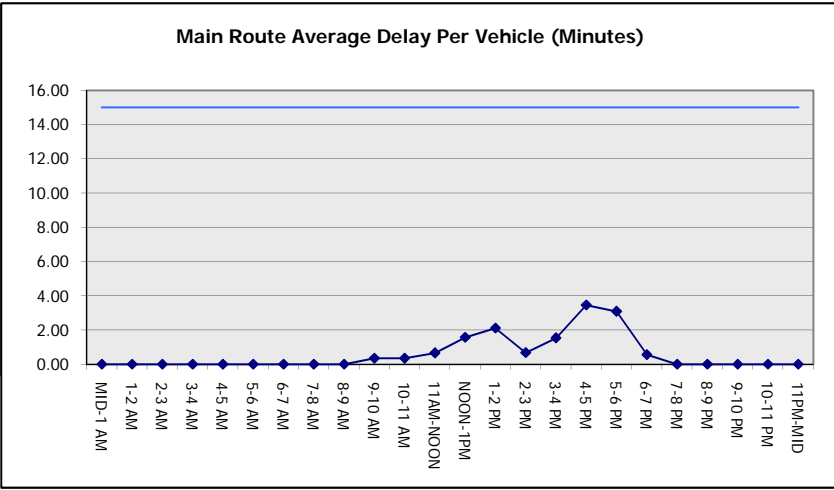
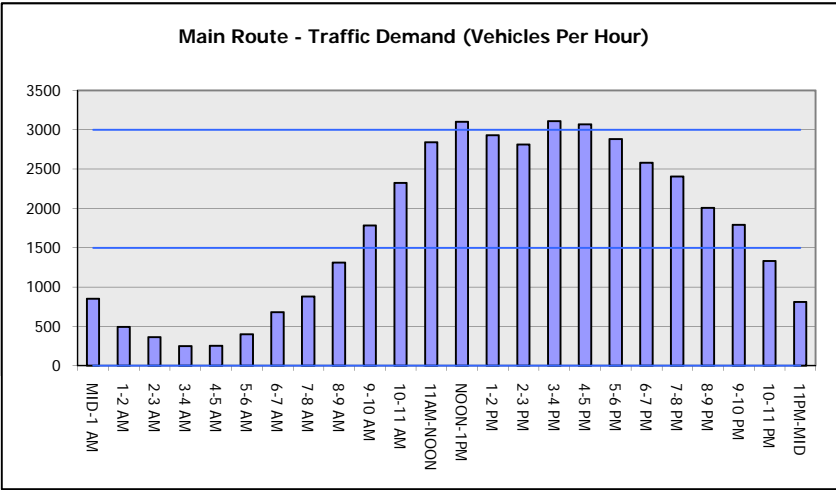
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY WESTBOUND DIRECTION



IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan Rd (MILWAUKEE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	OFF	761	0	0.00	0	70.2	70.2	70.2
1-2 AM	543	0.0	OFF	543	0	0.00	0	70.2	70.2	70.2
2-3 AM	553	0.0	OFF	553	0	0.00	0	70.2	70.2	70.2
3-4 AM	394	0.0	OFF	394	0	0.00	0	70.2	70.2	70.2
4-5 AM	377	0.0	OFF	377	0	0.00	0	70.2	70.2	70.2
5-6 AM	599	0.0	OFF	599	0	0.00	0	70.2	70.2	70.2
6-7 AM	821	0.0	OFF	821	0	0.00	0	70.2	70.2	70.2
7-8 AM	1021	0.0	OFF	1021	0	0.00	0	70.2	70.2	70.2
8-9 AM	1438	0.0	OFF	1438	0	0.00	0	70.2	70.2	70.2
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	OFF	2395	0	0.52	49	69.1	57.6	57.6
8-9 PM	2048	0.0	OFF	2048	0	0.00	0	69.5	69.5	69.5
9-10 PM	1627	0.0	OFF	1627	0	0.00	0	70.0	70.0	70.0
10-11 PM	1226	0.0	OFF	1226	0	0.00	0	70.2	70.2	70.2
11PM-MID	750	0.0	OFF	750	0	0.00	0	70.2	70.2	70.2

"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	0.0218
MAIN ROUTE WITH WORKS	0.0190
'DIVERSION'	0.0019

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$90,951
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

