

IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan RD (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	859	0.0	3000	859	0	0.36	0	70.2	61.5	49.7
1-2 AM	544	0.0	3000	544	0	0.36	0	70.2	61.5	49.7
2-3 AM	446	0.0	3000	446	0	0.36	0	70.2	61.5	49.7
3-4 AM	373	0.0	3000	373	0	0.36	0	70.2	61.5	49.7
4-5 AM	443	0.0	3000	443	0	0.36	0	70.2	61.5	49.7
5-6 AM	806	0.0	3000	806	0	0.36	0	70.2	61.5	49.7
6-7 AM	1294	0.0	3000	1294	0	0.36	0	70.2	61.5	49.7
7-8 AM	1746	0.0	3000	1746	0	0.36	0	69.9	61.4	49.7
8-9 AM	2176	0.0	3000	2176	0	0.35	0	69.3	61.1	49.7
9-10 AM	1737	0.0	3000	1737	0	0.36	0	69.9	61.4	49.7
10-11 AM	2255	0.0	2999	2255	0	0.37	0	69.2	60.7	48.9
11AM-NOON	3091	0.0	2999	3091	0	1.15	24	68.2	47.5	37.0
NOON-1PM	3111	0.0	2999	3111	0	3.57	157	68.2	29.0	36.9
1-2 PM	3010	0.0	2999	3010	0	4.56	209	68.3	25.0	36.9
2-3 PM	3299	0.0	3000	3299	0	7.08	359	67.9	18.5	36.9
3-4 PM	3326	0.0	3000	3326	0	13.08+	684	67.9	12.7	36.9
4-5 PM	3241	0.0	2999	3001	240	16.16+	847	68.0	11.6	36.9
5-6 PM	3021	0.0	3000	2976	45	16.05+	840	68.3	11.6	36.9
6-7 PM	2690	0.0	2999	2690	0	13.57+	709	68.7	12.5	36.9
7-8 PM	1690	0.0	3000	1690	0	1.36	112	69.9	45.8	49.7
8-9 PM	1565	0.0	3000	1565	0	0.36	0	70.1	61.5	49.7
9-10 PM	1822	0.0	3000	1822	0	0.35	0	69.8	61.4	49.7
10-11 PM	1529	0.0	3000	1529	0	0.36	0	70.1	61.5	49.7
11PM-MID	1120	0.0	3000	1120	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

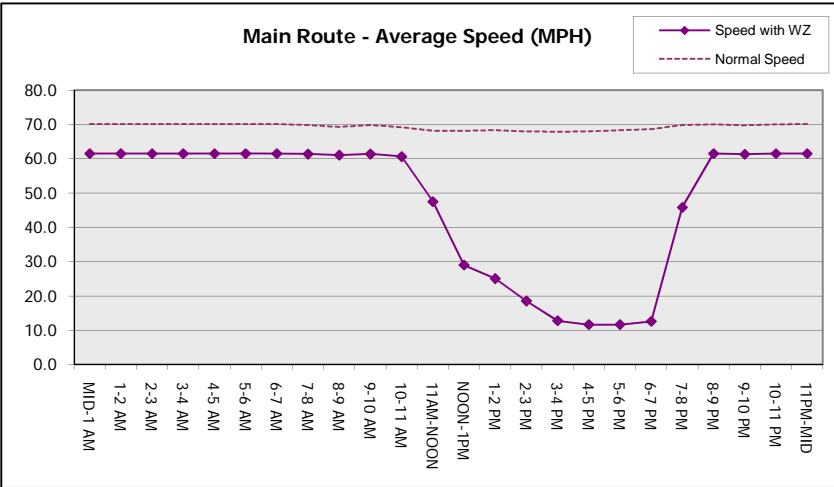
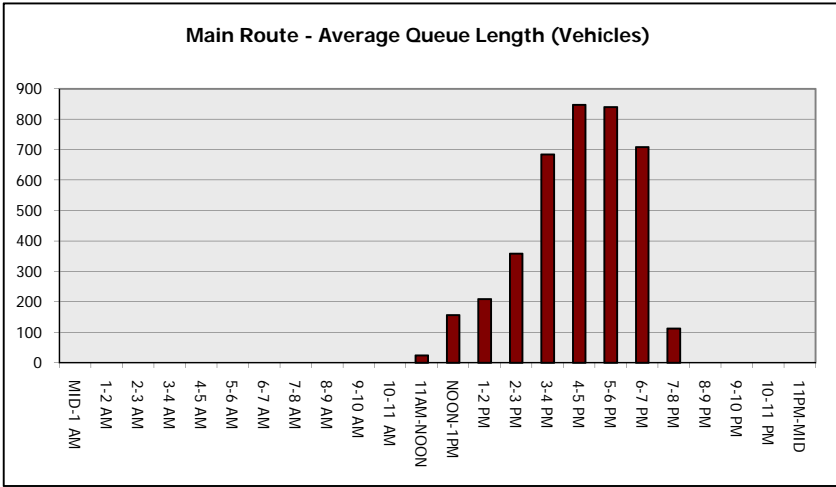
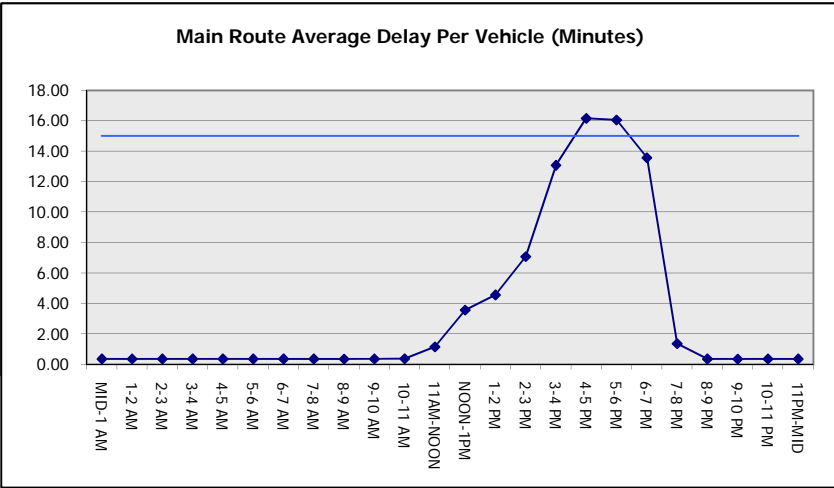
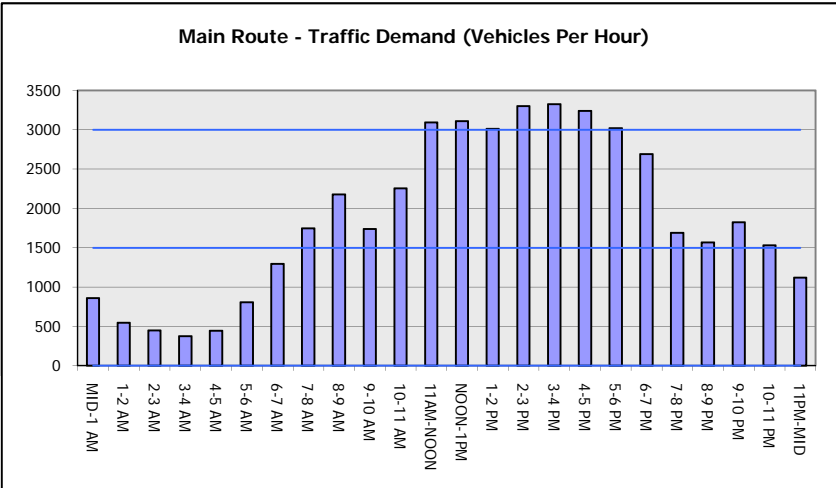
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0216
MAIN ROUTE WITH WORKS	0.0185
'DIVERSION'	0.0003
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$67,141
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 94: CTH BB/RAWSON AVE TO STH 100/RYAN RD (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	811	0.0	3000	811	0	0.36	0	70.2	61.5	49.7
1-2 AM	578	0.0	3000	578	0	0.36	0	70.2	61.5	49.7
2-3 AM	558	0.0	3000	558	0	0.36	0	70.2	61.5	49.7
3-4 AM	454	0.0	3000	454	0	0.36	0	70.2	61.5	49.7
4-5 AM	637	0.0	3000	637	0	0.36	0	70.2	61.5	49.7
5-6 AM	1178	0.0	3000	1178	0	0.36	0	70.2	61.5	49.7
6-7 AM	1323	0.0	3000	1323	0	0.36	0	70.2	61.5	49.7
7-8 AM	1571	0.0	3000	1571	0	0.36	0	70.1	61.5	49.7
8-9 AM	2057	0.0	3000	2057	0	0.35	0	69.5	61.2	49.7
9-10 AM	1746	0.0	3000	1746	0	0.36	0	69.9	61.4	49.7
10-11 AM	2338	0.0	2999	2338	0	0.40	0	69.1	60.0	47.8
11AM-NOON	3140	0.0	2999	3140	0	1.38	39	68.1	44.8	36.9
NOON-1PM	3306	0.0	3000	3306	0	5.78	290	67.9	21.4	36.9
1-2 PM	3205	0.0	2999	3205	0	10.68	549	68.1	14.0	36.9
2-3 PM	3262	0.0	3000	3195	68	14.79+	774	68.0	12.0	36.9
3-4 PM	3155	0.0	3000	3001	154	16.16+	847	68.1	11.6	36.9
4-5 PM	3019	0.0	3000	2991	29	16.10+	843	68.3	11.6	36.9
5-6 PM	2847	0.0	2999	2847	0	14.90+	777	68.5	12.0	36.9
6-7 PM	2437	0.0	2999	2437	0	7.91	440	69.0	17.6	39.6
7-8 PM	1604	0.0	3000	1604	0	0.43	5	70.0	60.0	49.7
8-9 PM	1582	0.0	3000	1582	0	0.36	0	70.0	61.5	49.7
9-10 PM	2035	0.0	3000	2035	0	0.35	0	69.5	61.2	49.7
10-11 PM	1594	0.0	3000	1594	0	0.36	0	70.0	61.5	49.7
11PM-MID	1203	0.0	3000	1203	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	0.0187
'DIVERSION'	0.0003

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$76,421
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

