

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

FRIDAY 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	747	0.0	3000	747	0	0.36	0	70.2	61.5	49.7
1-2 AM	444	0.0	3000	444	0	0.36	0	70.2	61.5	49.7
2-3 AM	428	0.0	3000	428	0	0.36	0	70.2	61.5	49.7
3-4 AM	478	0.0	3000	478	0	0.36	0	70.2	61.5	49.7
4-5 AM	702	0.0	3000	702	0	0.36	0	70.2	61.5	49.7
5-6 AM	1890	0.0	2999	1890	0	0.35	0	69.7	61.3	49.7
6-7 AM	3475	0.0	2999	3475	0	3.14	172	67.7	31.1	36.9
7-8 AM	3981	0.0	3000	3432	549	14.91+	795	65.0	12.0	36.9
8-9 AM	3392	0.0	2999	2946	446	16.10+	845	67.8	11.6	36.9
9-10 AM	2897	0.0	2999	2893	4	15.59+	815	68.4	11.8	36.9
10-11 AM	2817	0.0	2999	2817	0	12.48	646	68.6	13.0	36.9
11AM-NOON	3147	0.0	3000	3147	0	12.04	622	68.1	13.2	36.9
NOON-1PM	3254	0.0	3000	3116	138	15.39+	806	68.0	11.9	36.9
1-2 PM	3393	0.0	3000	3007	386	16.17+	848	67.8	11.6	36.9
2-3 PM	3743	0.0	3000	3005	738	16.14+	850	66.6	11.6	36.9
3-4 PM	3892	0.0	3000	3004	888	16.10+	851	65.6	11.6	36.9
4-5 PM	3549	0.0	3000	3002	547	16.17+	849	67.6	11.6	36.9
5-6 PM	3462	0.0	3000	3001	461	16.17+	848	67.8	11.6	36.9
6-7 PM	3342	0.0	3000	3001	341	16.16+	848	67.9	11.6	36.9
7-8 PM	2857	0.0	3000	2857	0	15.40+	805	68.5	11.9	36.9
8-9 PM	2339	0.0	2999	2339	0	6.62	392	69.1	19.9	40.6
9-10 PM	2227	0.0	3000	2227	0	0.37	1	69.2	60.7	49.7
10-11 PM	1772	0.0	3000	1772	0	0.35	0	69.9	61.4	49.7
11PM-MID	1272	0.0	3000	1272	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

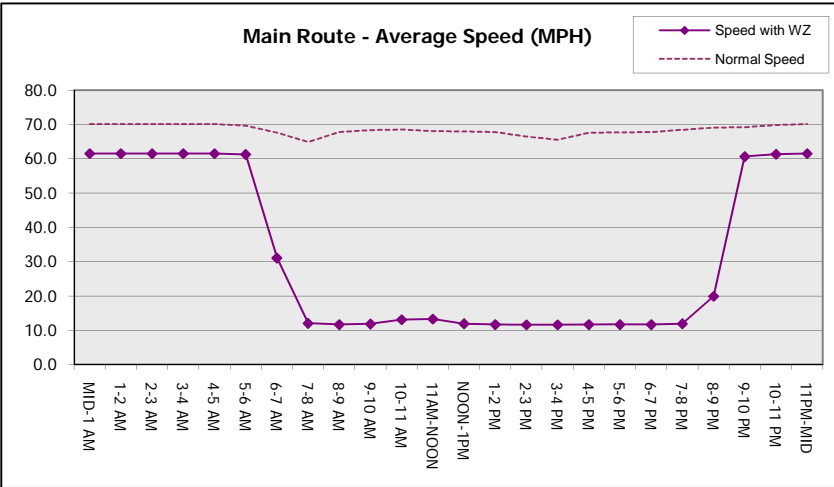
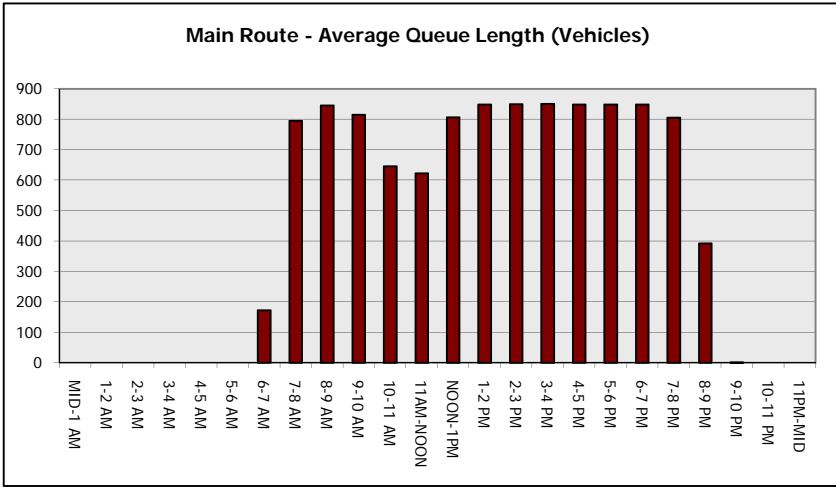
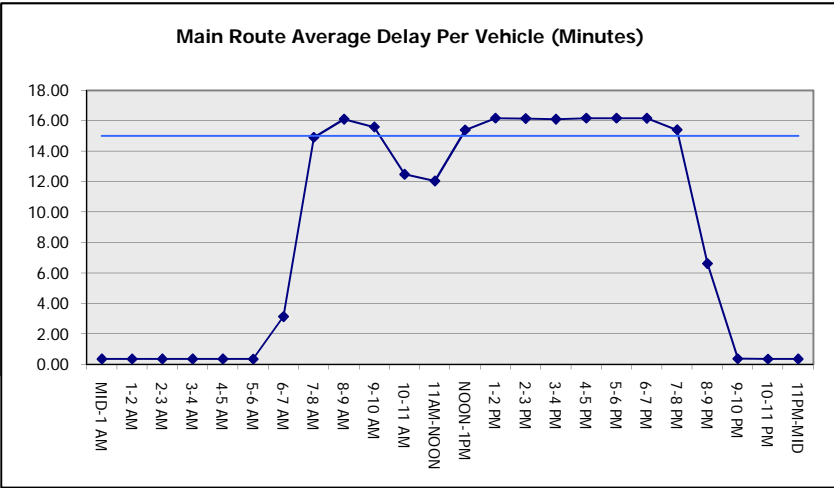
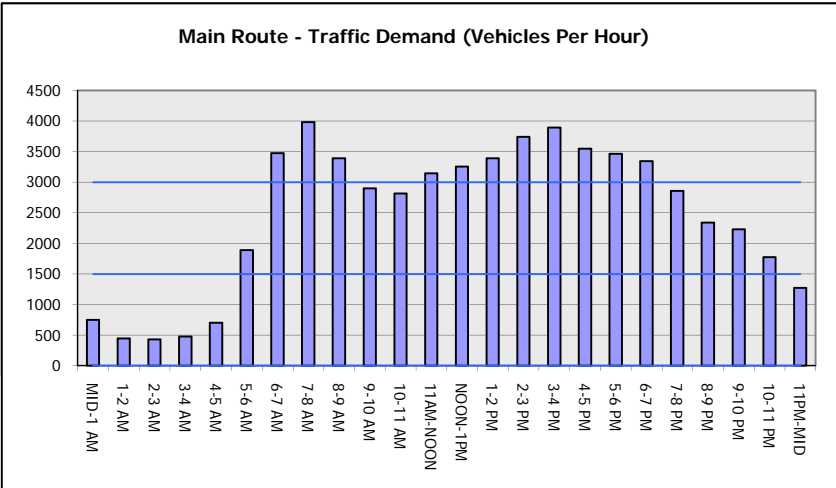
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0284
MAIN ROUTE WITH WORKS	0.0226
'DIVERSION'	0.0050
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$158,527
CONGESTED HOURS PER DAY*	11

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY 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
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	675	0.0	3000	675	0	0.36	0	70.2	61.5	49.7
1-2 AM	450	0.0	3000	450	0	0.36	0	70.2	61.5	49.7
2-3 AM	455	0.0	3000	455	0	0.36	0	70.2	61.5	49.7
3-4 AM	543	0.0	3000	543	0	0.36	0	70.2	61.5	49.7
4-5 AM	969	0.0	3000	969	0	0.36	0	70.2	61.5	49.7
5-6 AM	2107	0.0	2999	2107	0	0.36	0	69.4	61.0	49.4
6-7 AM	3152	0.0	2999	3152	0	1.44	44	68.1	44.0	36.9
7-8 AM	3133	0.0	2999	3133	0	4.80	225	68.1	24.2	36.9
8-9 AM	2932	0.0	2999	2932	0	5.55	263	68.4	22.0	36.9
9-10 AM	2710	0.0	2999	2710	0	1.89	87	68.7	39.9	39.6
10-11 AM	2680	0.0	2999	2680	0	0.55	0	68.7	56.8	42.4
11AM-NOON	3020	0.0	2999	3020	0	0.94	11	68.3	50.4	37.3
NOON-1PM	3255	0.0	3000	3255	0	3.42	158	68.0	29.7	36.9
1-2 PM	3489	0.0	3000	3489	0	10.01	530	67.7	14.8	36.9
2-3 PM	3750	0.0	2999	3026	724	16.15+	851	66.5	11.6	36.9
3-4 PM	4069	0.0	3000	3035	1035	16.11+	855	64.3	11.6	36.9
4-5 PM	4370	0.0	3000	3019	1351	16.22+	867	62.3	11.5	36.9
5-6 PM	4138	0.0	3000	2992	1146	16.13+	857	63.9	11.6	36.9
6-7 PM	3290	0.0	3000	2995	295	16.16+	847	67.9	11.6	36.9
7-8 PM	2613	0.0	2999	2613	0	13.35+	700	68.8	12.7	36.9
8-9 PM	2100	0.0	2999	2100	0	1.69	133	69.4	42.0	47.3
9-10 PM	2013	0.0	3000	2013	0	0.35	0	69.6	61.2	49.7
10-11 PM	1882	0.0	3000	1882	0	0.35	0	69.7	61.3	49.7
11PM-MID	1319	0.0	3000	1319	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	0.0282
MAIN ROUTE WITH WORKS	0.0225
'DIVERSION'	0.0050

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$101,776
CONGESTED HOURS PER DAY*	6

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

