

IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan RD (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	901	0.0	3000	901	0	0.36	0	70.2	61.5	49.7
1-2 AM	568	0.0	3000	568	0	0.36	0	70.2	61.5	49.7
2-3 AM	458	0.0	3000	458	0	0.36	0	70.2	61.5	49.7
3-4 AM	421	0.0	3000	421	0	0.36	0	70.2	61.5	49.7
4-5 AM	445	0.0	3000	445	0	0.36	0	70.2	61.5	49.7
5-6 AM	869	0.0	3000	869	0	0.36	0	70.2	61.5	49.7
6-7 AM	1338	0.0	3000	1338	0	0.36	0	70.2	61.5	49.7
7-8 AM	1700	0.0	3000	1700	0	0.36	0	69.9	61.4	49.7
8-9 AM	2421	0.0	3000	2421	0	0.38	0	69.1	60.2	48.1
9-10 AM	2833	0.0	2999	2833	0	0.65	0	68.5	54.9	39.6
10-11 AM	3176	0.0	2999	3176	0	1.95	73	68.1	39.1	36.9
11AM-NOON	3295	0.0	3000	3295	0	6.25	315	67.9	20.2	36.9
NOON-1PM	3446	0.0	3000	3434	11	13.02+	685	67.8	12.8	36.9
1-2 PM	3506	0.0	3000	2983	523	16.17+	849	67.7	11.6	36.9
2-3 PM	3412	0.0	2999	2988	424	16.17+	848	67.8	11.6	36.9
3-4 PM	3342	0.0	2999	2992	350	16.17+	848	67.9	11.6	36.9
4-5 PM	3232	0.0	2999	2994	238	16.16+	847	68.0	11.6	36.9
5-6 PM	3075	0.0	2999	2972	103	16.11+	844	68.2	11.6	36.9
6-7 PM	2610	0.0	2999	2610	0	12.62+	660	68.8	13.0	36.9
7-8 PM	2369	0.0	2999	2369	0	2.36	170	69.1	36.2	44.3
8-9 PM	2031	0.0	3000	2031	0	0.35	0	69.5	61.2	49.7
9-10 PM	1876	0.0	3000	1876	0	0.35	0	69.7	61.3	49.7
10-11 PM	1588	0.0	3000	1588	0	0.36	0	70.0	61.5	49.7
11PM-MID	1243	0.0	3000	1243	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

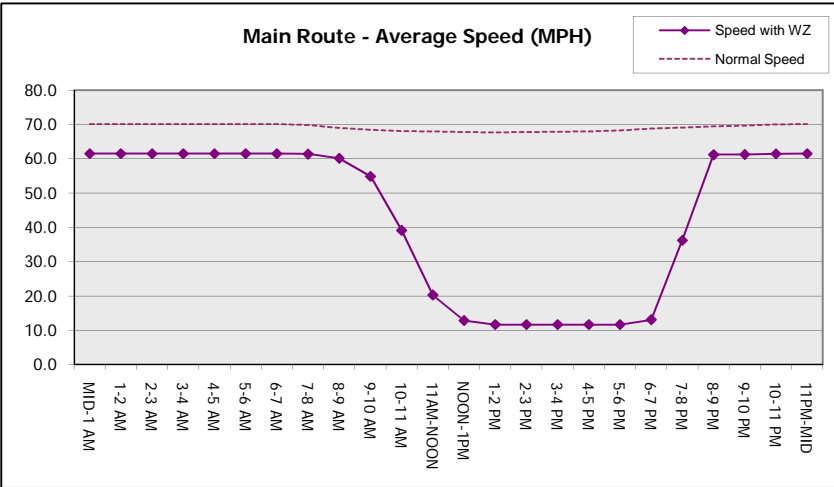
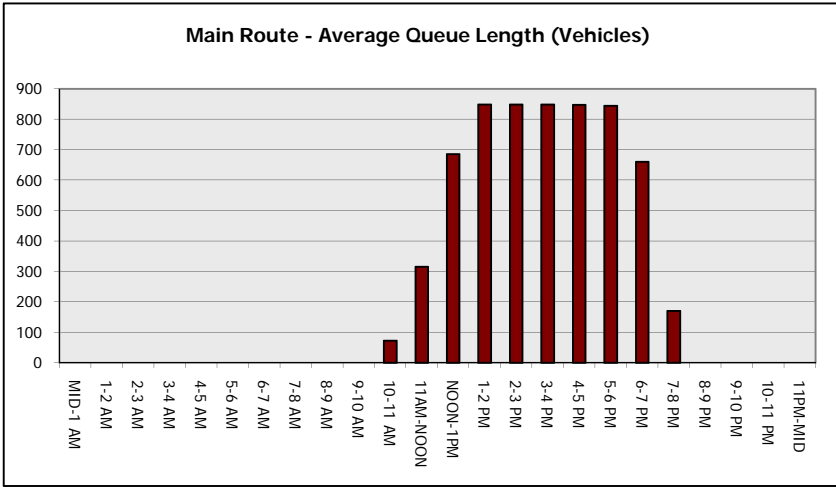
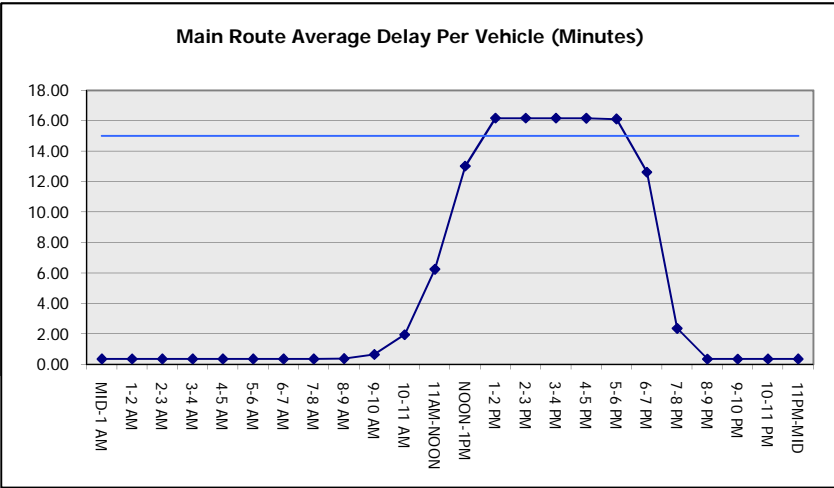
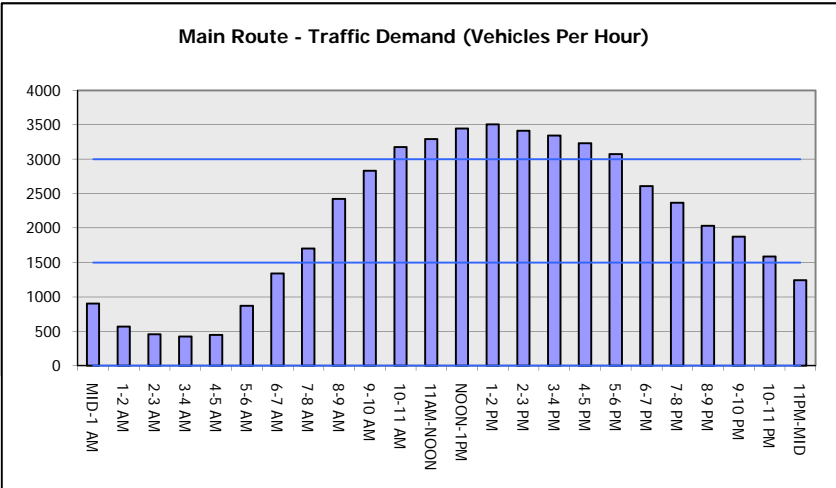
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0240
MAIN ROUTE WITH WORKS	0.0200
'DIVERSION'	0.0018
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$107,705
CONGESTED HOURS PER DAY*	7

*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)	AUGUST
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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	975	0.0	3000	975	0	0.36	0	70.2	61.5	49.7
1-2 AM	603	0.0	3000	603	0	0.36	0	70.2	61.5	49.7
2-3 AM	582	0.0	3000	582	0	0.36	0	70.2	61.5	49.7
3-4 AM	497	0.0	3000	497	0	0.36	0	70.2	61.5	49.7
4-5 AM	684	0.0	3000	684	0	0.36	0	70.2	61.5	49.7
5-6 AM	1146	0.0	3000	1146	0	0.36	0	70.2	61.5	49.7
6-7 AM	1228	0.0	3000	1228	0	0.36	0	70.2	61.5	49.7
7-8 AM	1459	0.0	3000	1459	0	0.36	0	70.2	61.5	49.7
8-9 AM	2022	0.0	3000	2022	0	0.35	0	69.6	61.2	49.7
9-10 AM	2558	0.0	3000	2558	0	0.47	0	68.9	58.3	44.9
10-11 AM	2908	0.0	2999	2908	0	0.70	0	68.4	54.0	38.3
11AM-NOON	3229	0.0	2999	3229	0	2.36	99	68.0	36.0	36.9
NOON-1PM	3384	0.0	3000	3384	0	8.09	420	67.8	17.0	36.9
1-2 PM	3247	0.0	2999	3247	0	14.06+	734	68.0	12.4	36.9
2-3 PM	3439	0.0	2999	2997	443	16.17+	848	67.8	11.6	36.9
3-4 PM	3328	0.0	3000	2997	331	16.16+	848	67.9	11.6	36.9
4-5 PM	3158	0.0	3000	2998	160	16.16+	847	68.1	11.6	36.9
5-6 PM	2888	0.0	2999	2885	2	15.56+	814	68.4	11.8	36.9
6-7 PM	2506	0.0	2999	2506	0	9.58	510	68.9	15.4	37.8
7-8 PM	2224	0.0	3000	2224	0	0.83	40	69.3	52.5	48.7
8-9 PM	2127	0.0	3000	2127	0	0.35	0	69.4	61.2	49.7
9-10 PM	2223	0.0	3000	2223	0	0.35	0	69.3	61.1	49.7
10-11 PM	1763	0.0	3000	1763	0	0.36	0	69.9	61.4	49.7
11PM-MID	1327	0.0	3000	1327	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	0.0236
MAIN ROUTE WITH WORKS	0.0200
'DIVERSION'	0.0010

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$89,712
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

