

IH 94: CTH BB/RAWSON AVE TO STH 100/Ryan RD (MILWAUKEE COUNTY) OFF-PEAK DAY 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	OFF	901	0	0.00	0	70.2	70.2	70.2	
1-2 AM	568	0.0	OFF	568	0	0.00	0	70.2	70.2	70.2	
2-3 AM	458	0.0	OFF	458	0	0.00	0	70.2	70.2	70.2	
3-4 AM	421	0.0	OFF	421	0	0.00	0	70.2	70.2	70.2	
4-5 AM	445	0.0	OFF	445	0	0.00	0	70.2	70.2	70.2	
5-6 AM	869	0.0	OFF	869	0	0.00	0	70.2	70.2	70.2	
6-7 AM	1338	0.0	OFF	1338	0	0.00	0	70.2	70.2	70.2	
7-8 AM	1700	0.0	OFF	1700	0	0.00	0	69.9	69.9	69.9	
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	OFF	2610	0	1.06	102	68.8	48.9	48.9	
7-8 PM	2369	0.0	OFF	2369	0	0.00	0	69.1	69.1	69.1	
8-9 PM	2031	0.0	OFF	2031	0	0.00	0	69.5	69.5	69.5	
9-10 PM	1876	0.0	OFF	1876	0	0.00	0	69.7	69.7	69.7	
10-11 PM	1588	0.0	OFF	1588	0	0.00	0	70.0	70.0	70.0	
11PM-MID	1243	0.0	OFF	1243	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	0.0240
MAIN ROUTE WITH WORKS	0.0212
'DIVERSION'	0.0018
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$92,551
CONGESTED HOURS PER DAY*	6

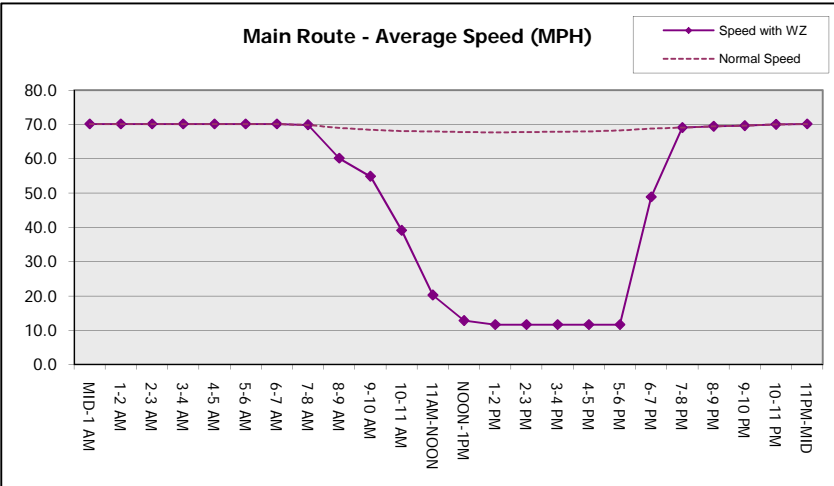
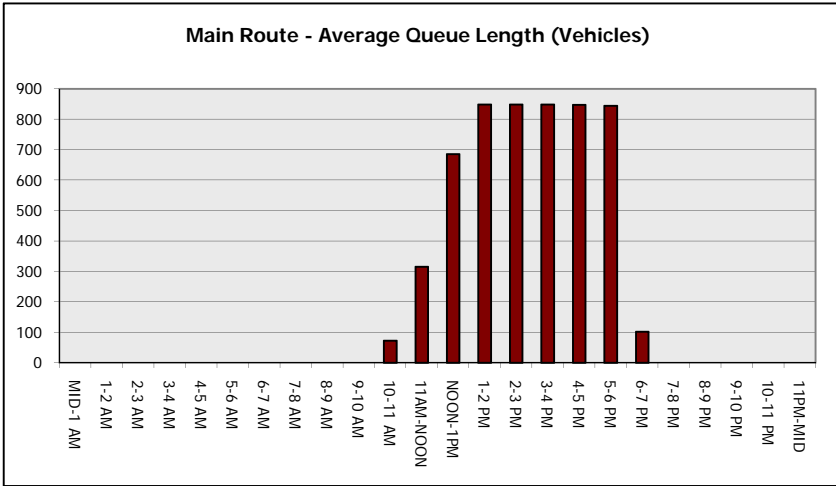
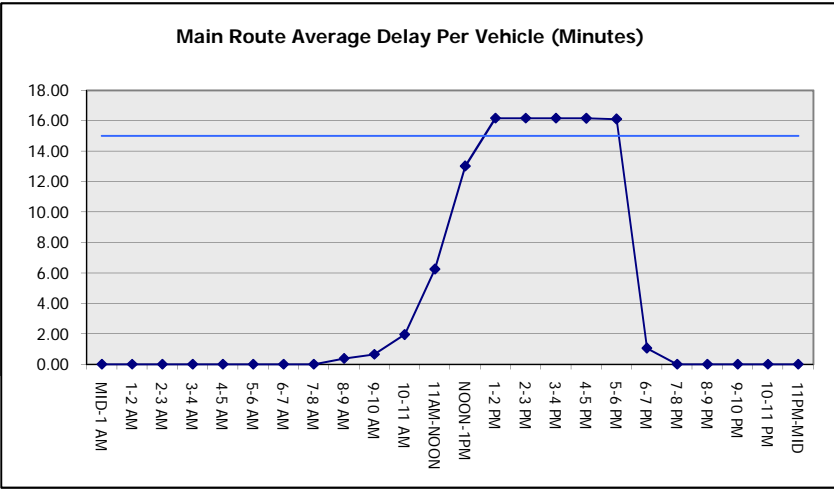
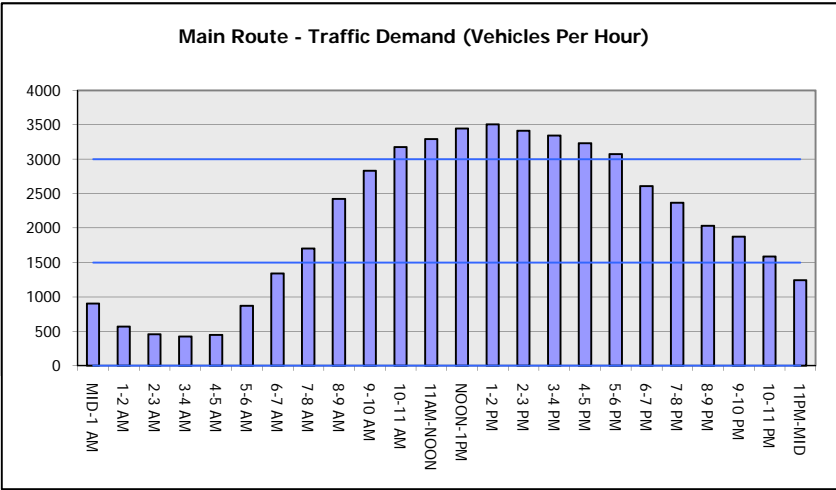
*Delays Exceeding User-Specified Maximum

IH 94: CTH BB/RAWSON AVE TO STH 100/RYAN RD (MILWAUKEE COUNTY)
OFF-PEAK DAY CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY 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)	AUGUST
	Analyzed for 2009 Construction Season

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	OFF	975	0	0.00	0	70.2	70.2	70.2
1-2 AM	603	0.0	OFF	603	0	0.00	0	70.2	70.2	70.2
2-3 AM	582	0.0	OFF	582	0	0.00	0	70.2	70.2	70.2
3-4 AM	497	0.0	OFF	497	0	0.00	0	70.2	70.2	70.2
4-5 AM	684	0.0	OFF	684	0	0.00	0	70.2	70.2	70.2
5-6 AM	1146	0.0	OFF	1146	0	0.00	0	70.2	70.2	70.2
6-7 AM	1228	0.0	OFF	1228	0	0.00	0	70.2	70.2	70.2
7-8 AM	1459	0.0	OFF	1459	0	0.00	0	70.2	70.2	70.2
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	OFF	2506	0	0.81	77	68.9	52.5	52.5
7-8 PM	2224	0.0	OFF	2224	0	0.00	0	69.3	69.3	69.3
8-9 PM	2127	0.0	OFF	2127	0	0.00	0	69.4	69.4	69.4
9-10 PM	2223	0.0	OFF	2223	0	0.00	0	69.3	69.3	69.3
10-11 PM	1763	0.0	OFF	1763	0	0.00	0	69.9	69.9	69.9
11PM-MID	1327	0.0	OFF	1327	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	0.0
(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	0
(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	0.0213
'DIVERSION'	0.0010

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$78,362
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

IH 94: CTH BB/RAWSON AVE TO STH 100/RYAN RD (MILWAUKEE COUNTY)
OFF-PEAK DAY CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

