

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

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	OFF	747	0	0.00	0	70.2	70.2	70.2
1-2 AM	444	0.0	OFF	444	0	0.00	0	70.2	70.2	70.2
2-3 AM	428	0.0	OFF	428	0	0.00	0	70.2	70.2	70.2
3-4 AM	478	0.0	OFF	478	0	0.00	0	70.2	70.2	70.2
4-5 AM	702	0.0	OFF	702	0	0.00	0	70.2	70.2	70.2
5-6 AM	1890	0.0	OFF	1890	0	0.00	0	69.7	69.7	69.7
6-7 AM	3475	0.0	OFF	3475	0	0.00	0	67.7	67.7	67.7
7-8 AM	3981	0.0	OFF	3981	0	0.00	0	65.0	65.0	65.0
8-9 AM	3392	0.0	OFF	3392	0	0.00	0	67.8	67.8	67.8
9-10 AM	2897	0.0	OFF	2897	0	0.00	0	68.4	68.4	68.4
10-11 AM	2817	0.0	2999	2817	0	0.64	0	68.6	55.1	39.8
11AM-NOON	3147	0.0	2999	3147	0	1.74	59	68.1	41.0	36.9
NOON-1PM	3254	0.0	3000	3254	0	5.41	266	68.0	22.4	36.9
1-2 PM	3393	0.0	3000	3393	0	11.14	582	67.8	13.8	36.9
2-3 PM	3743	0.0	2999	3021	722	16.15+	850	66.6	11.6	36.9
3-4 PM	3892	0.0	OFF	3892	0	1.83	157	65.6	39.3	39.3
4-5 PM	3549	0.0	OFF	3549	0	0.00	0	67.6	67.6	67.6
5-6 PM	3462	0.0	OFF	3462	0	0.00	0	67.8	67.8	67.8
6-7 PM	3342	0.0	OFF	3342	0	0.00	0	67.9	67.9	67.9
7-8 PM	2857	0.0	OFF	2857	0	0.00	0	68.5	68.5	68.5
8-9 PM	2339	0.0	OFF	2339	0	0.00	0	69.1	69.1	69.1
9-10 PM	2227	0.0	OFF	2227	0	0.00	0	69.2	69.2	69.2
10-11 PM	1772	0.0	OFF	1772	0	0.00	0	69.9	69.9	69.9
11PM-MID	1272	0.0	OFF	1272	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	0.0284
MAIN ROUTE WITH WORKS	0.0270
'DIVERSION'	0.0008
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$25,725
CONGESTED HOURS PER DAY*	1

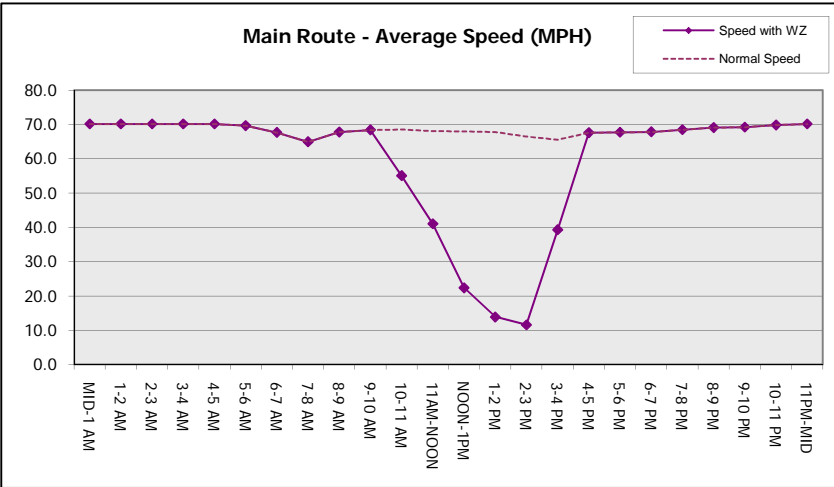
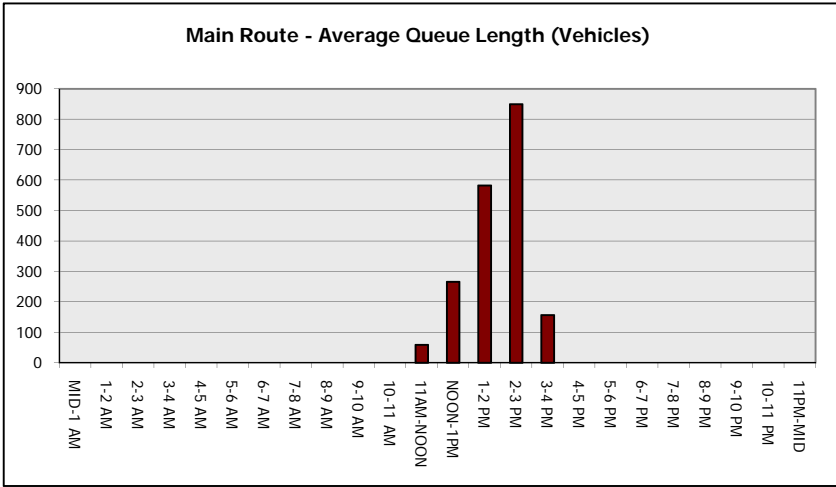
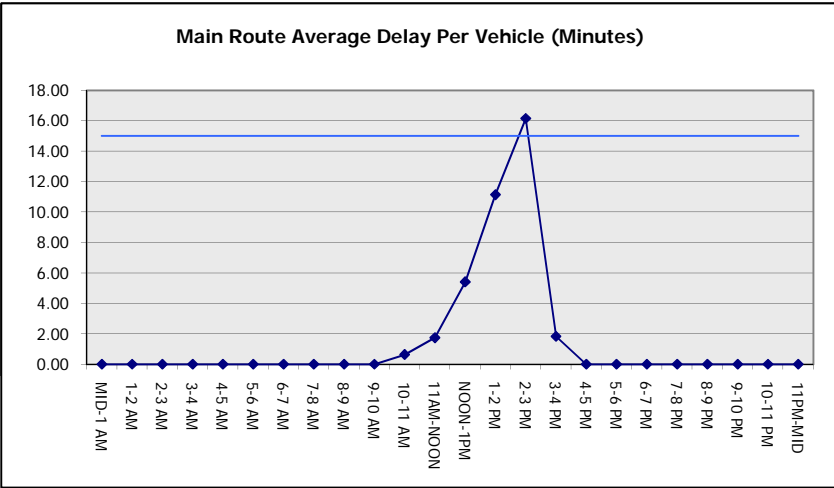
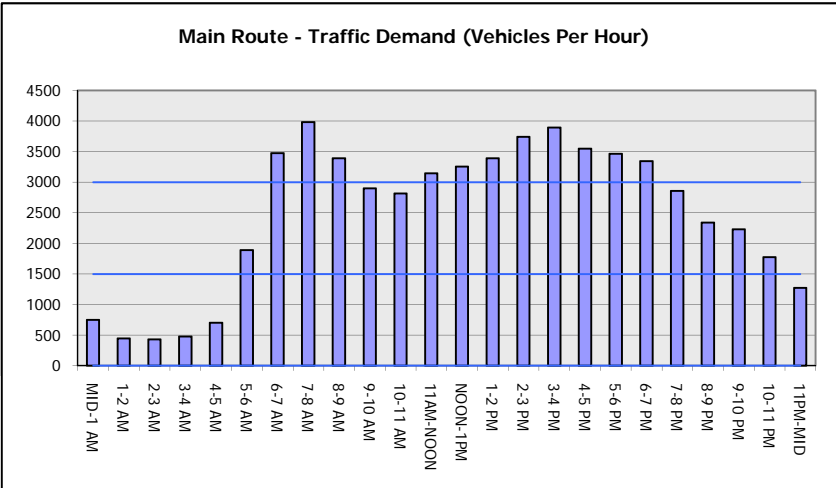
*Delays Exceeding User-Specified Maximum

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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) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	OFF	675	0	0.00	0	70.2	70.2	70.2
1-2 AM	450	0.0	OFF	450	0	0.00	0	70.2	70.2	70.2
2-3 AM	455	0.0	OFF	455	0	0.00	0	70.2	70.2	70.2
3-4 AM	543	0.0	OFF	543	0	0.00	0	70.2	70.2	70.2
4-5 AM	969	0.0	OFF	969	0	0.00	0	70.2	70.2	70.2
5-6 AM	2107	0.0	OFF	2107	0	0.00	0	69.4	69.4	69.4
6-7 AM	3152	0.0	OFF	3152	0	0.00	0	68.1	68.1	68.1
7-8 AM	3133	0.0	OFF	3133	0	0.00	0	68.1	68.1	68.1
8-9 AM	2932	0.0	OFF	2932	0	0.00	0	68.4	68.4	68.4
9-10 AM	2710	0.0	OFF	2710	0	0.00	0	68.7	68.7	68.7
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	OFF	4069	0	1.99	172	64.3	37.6	37.6
4-5 PM	4370	0.0	OFF	4370	0	0.00	0	62.3	62.3	62.3
5-6 PM	4138	0.0	OFF	4138	0	0.00	0	63.9	63.9	63.9
6-7 PM	3290	0.0	OFF	3290	0	0.00	0	67.9	67.9	67.9
7-8 PM	2613	0.0	OFF	2613	0	0.00	0	68.8	68.8	68.8
8-9 PM	2100	0.0	OFF	2100	0	0.00	0	69.4	69.4	69.4
9-10 PM	2013	0.0	OFF	2013	0	0.00	0	69.6	69.6	69.6
10-11 PM	1882	0.0	OFF	1882	0	0.00	0	69.7	69.7	69.7
11PM-MID	1319	0.0	OFF	1319	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	0.0282
MAIN ROUTE WITH WORKS	0.0269
'DIVERSION'	0.0008

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$23,508
CONGESTED HOURS PER DAY*	1

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

