

IH 94: CTH BB/RAWSON AVE TO STH 100/RYAN RD (MILWAUKEE COUNTY) OFF-PEAK DAY 2 LANE 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	1499	1754	1063	13.74+	346	68.6	11.0	37.7
11AM-NOON	3147	0.0	1499	1523	1624	15.95+	398	68.1	9.7	36.6
NOON-1PM	3254	0.0	1500	1500	1754	16.01+	400	68.0	9.6	36.9
1-2 PM	3393	0.0	1500	1500	1893	16.00+	400	67.8	9.6	36.9
2-3 PM	3743	0.0	1500	1500	2243	15.95+	400	66.6	9.6	36.9
3-4 PM	3892	0.0	OFF	3892	0	0.26	18	65.6	59.8	59.8
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

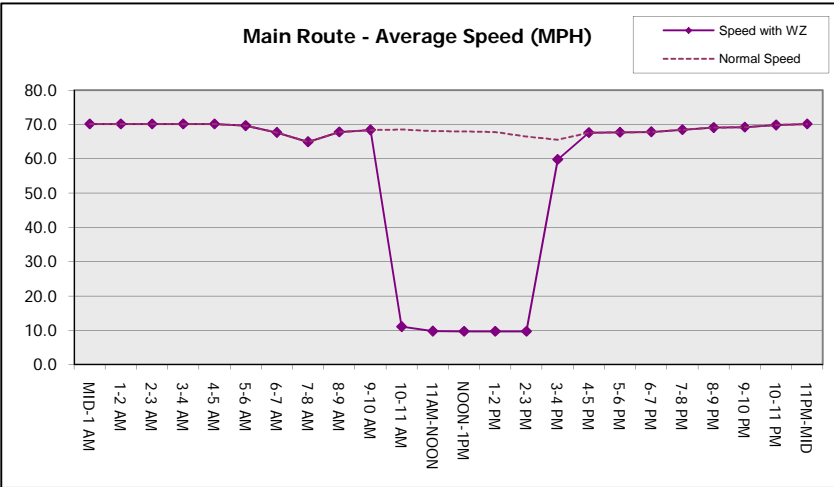
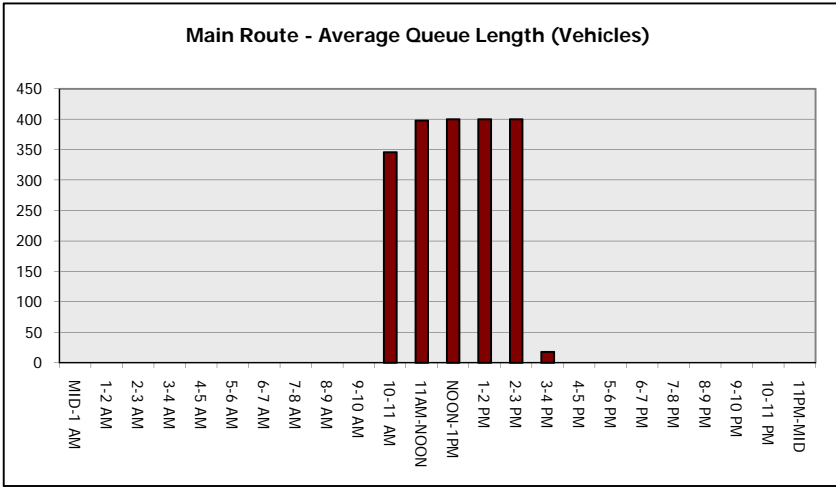
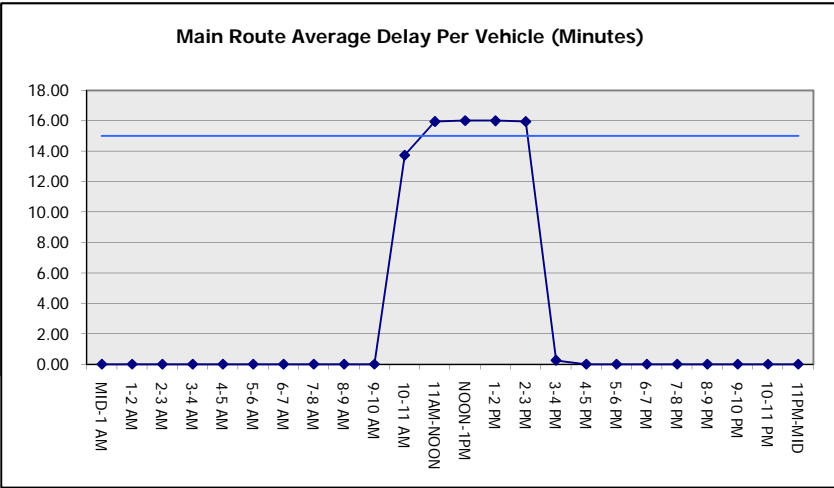
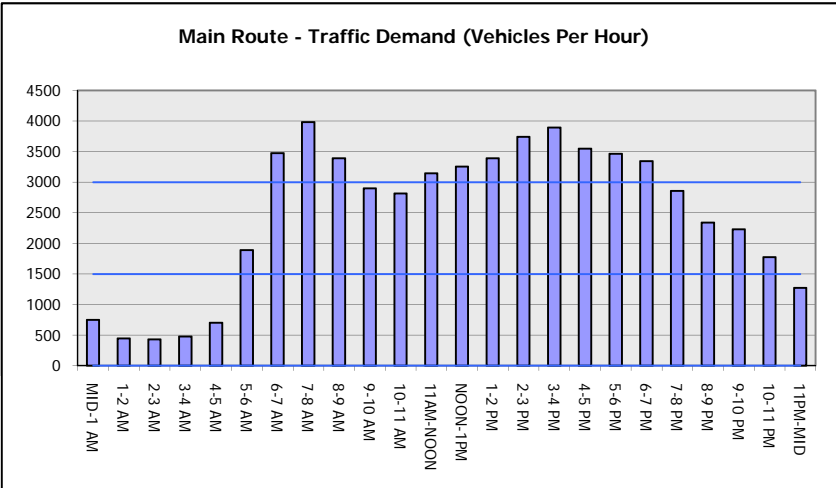
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0284
MAIN ROUTE WITH WORKS	0.0238
'DIVERSION'	0.0095
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$56,526
CONGESTED HOURS PER DAY*	5

*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 2 LANE 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	1499	1875	804	13.24+	330	68.7	11.4	36.1
11AM-NOON	3020	0.0	1499	1500	1520	16.23+	399	68.3	9.6	32.5
NOON-1PM	3255	0.0	1500	1500	1755	16.22+	400	68.0	9.6	32.5
1-2 PM	3489	0.0	1500	1500	1989	16.21+	400	67.7	9.6	32.5
2-3 PM	3750	0.0	1500	1500	2250	16.16+	400	66.5	9.6	32.5
3-4 PM	4069	0.0	OFF	4069	0	0.48	36	64.3	54.9	54.9
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	0.0237
'DIVERSION'	0.0092

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$56,616
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

