

IH 94: CTH BB/RAWSON AVE TO STH 100/RYAN RD (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 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	1500	747	0	0.87	20	70.2	52.4	45.7	
1-2 AM	444	0.0	1500	444	0	0.42	0	70.2	60.2	47.2	
2-3 AM	428	0.0	1500	428	0	0.42	0	70.2	60.2	47.3	
3-4 AM	478	0.0	1500	478	0	0.43	0	70.2	60.1	47.0	
4-5 AM	702	0.0	1500	702	0	0.46	0	70.2	59.6	46.0	
5-6 AM	1890	0.0	1499	1890	0	3.30	108	69.7	30.6	32.5	
6-7 AM	3475	0.0	1499	1500	1975	16.21+	399	67.7	9.6	32.5	
7-8 AM	3981	0.0	1500	1500	2481	16.10+	400	65.0	9.6	32.5	
8-9 AM	3392	0.0	1500	1500	1892	16.22+	400	67.8	9.6	32.5	
9-10 AM	2897	0.0	1500	1500	1397	16.24+	400	68.4	9.6	32.5	
10-11 AM	2817	0.0	1500	1500	1317	16.24+	400	68.6	9.6	32.5	
11AM-NOON	3147	0.0	1500	1500	1647	16.23+	400	68.1	9.6	32.5	
NOON-1PM	3254	0.0	1500	1500	1754	16.22+	400	68.0	9.6	32.5	
1-2 PM	3393	0.0	1500	1500	1893	16.22+	400	67.8	9.6	32.5	
2-3 PM	3743	0.0	1500	1500	2243	16.17+	400	66.6	9.6	32.5	
3-4 PM	3892	0.0	1500	1500	2392	16.12+	400	65.6	9.6	32.5	
4-5 PM	3549	0.0	1500	1500	2049	16.21+	400	67.6	9.6	32.5	
5-6 PM	3462	0.0	1500	1500	1962	16.21+	400	67.8	9.6	32.5	
6-7 PM	3342	0.0	1500	1500	1842	16.22+	400	67.9	9.6	32.5	
7-8 PM	2857	0.0	1500	1500	1357	16.24+	400	68.5	9.6	32.5	
8-9 PM	2339	0.0	1500	1500	839	16.27+	400	69.1	9.6	32.5	
9-10 PM	2227	0.0	1500	1500	727	16.27+	400	69.2	9.6	32.5	
10-11 PM	1772	0.0	1500	1500	272	16.29+	400	69.9	9.6	32.5	
11PM-MID	1272	0.0	1499	1272	0	12.29	308	70.2	12.1	33.2	

+ 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

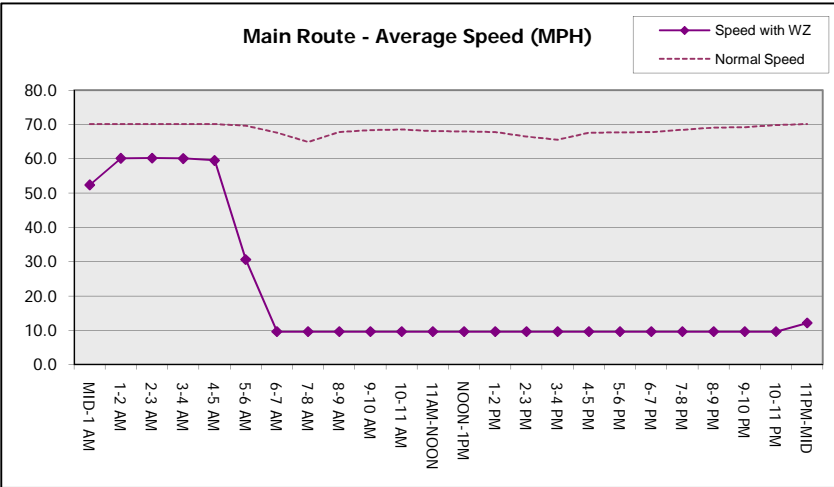
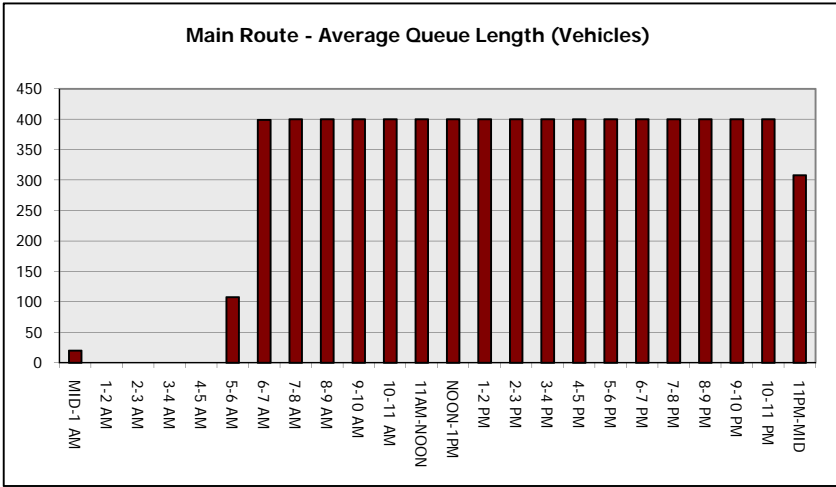
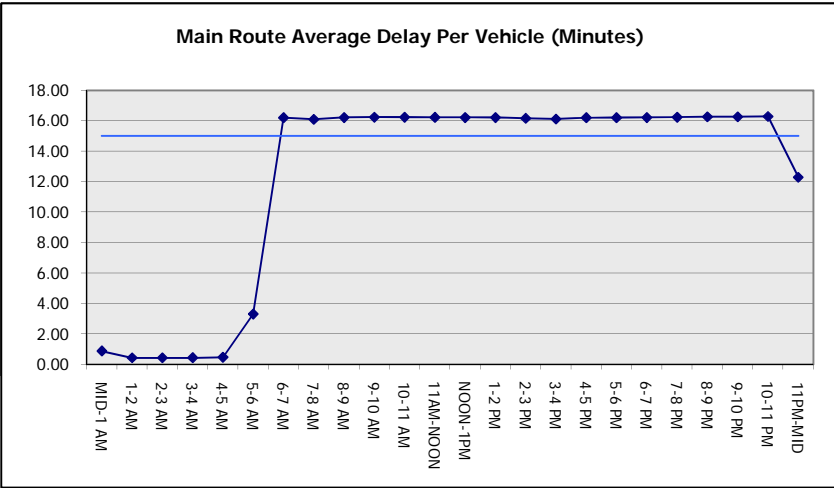
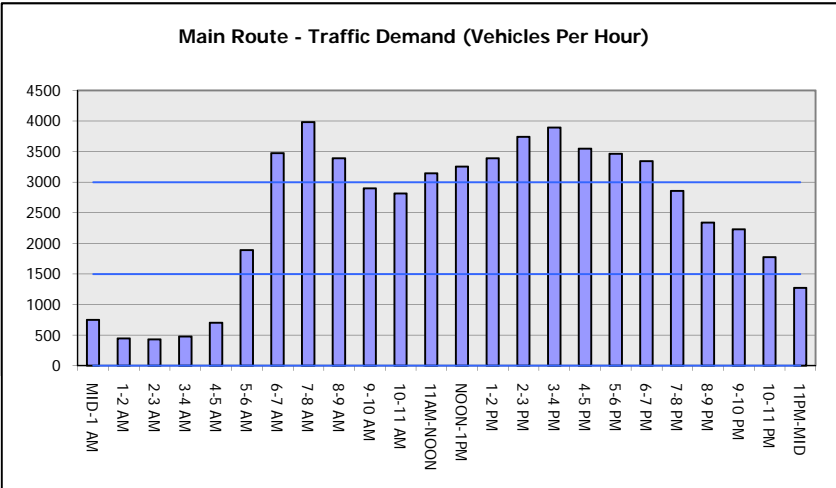
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0284
MAIN ROUTE WITH WORKS	0.0129
'DIVERSION'	0.0310
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$199,647
CONGESTED HOURS PER DAY*	17

*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) 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	1500	675	0	0.97	28	70.2	50.9	46.0
1-2 AM	450	0.0	1500	450	0	0.43	0	70.2	60.2	47.1
2-3 AM	455	0.0	1500	455	0	0.43	0	70.2	60.2	47.1
3-4 AM	543	0.0	1500	543	0	0.44	0	70.2	60.0	46.7
4-5 AM	969	0.0	1499	969	0	0.52	0	70.2	58.4	44.1
5-6 AM	2107	0.0	1499	2035	73	7.04+	221	69.4	18.7	32.5
6-7 AM	3152	0.0	1500	1450	1703	15.96+	396	68.1	9.7	34.8
7-8 AM	3133	0.0	1500	1500	1633	16.20+	400	68.1	9.6	33.0
8-9 AM	2932	0.0	1500	1500	1432	16.21+	400	68.4	9.6	33.0
9-10 AM	2710	0.0	1500	1500	1210	16.22+	400	68.7	9.6	33.0
10-11 AM	2680	0.0	1500	1500	1180	16.22+	400	68.7	9.6	33.0
11AM-NOON	3020	0.0	1500	1500	1520	16.20+	400	68.3	9.6	33.0
NOON-1PM	3255	0.0	1500	1500	1755	16.19+	400	68.0	9.6	33.0
1-2 PM	3489	0.0	1500	1500	1989	16.18+	400	67.7	9.6	33.0
2-3 PM	3750	0.0	1500	1500	2250	16.13+	400	66.5	9.6	33.0
3-4 PM	4069	0.0	1500	1500	2569	16.04+	400	64.3	9.6	33.0
4-5 PM	4370	0.0	1500	1500	2870	15.95+	400	62.3	9.6	33.0
5-6 PM	4138	0.0	1500	1500	2638	16.02+	400	63.9	9.6	33.0
6-7 PM	3290	0.0	1500	1500	1790	16.19+	400	67.9	9.6	33.0
7-8 PM	2613	0.0	1500	1500	1113	16.22+	400	68.8	9.6	33.0
8-9 PM	2100	0.0	1499	1451	649	16.09+	395	69.4	9.6	32.7
9-10 PM	2013	0.0	1500	1500	513	16.28+	400	69.6	9.6	32.5
10-11 PM	1882	0.0	1500	1491	391	16.25+	399	69.7	9.6	32.5
11PM-MID	1319	0.0	1499	1275	44	13.47+	335	70.2	11.2	32.7

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0282
MAIN ROUTE WITH WORKS	0.0131
'DIVERSION'	0.0302

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$197,810
CONGESTED HOURS PER DAY*	19

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

