

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)	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	716	0.0	1500	716	0	0.46	0	70.2	59.6	46.0	
1-2 AM	427	0.0	1500	427	0	0.42	0	70.2	60.2	47.3	
2-3 AM	375	0.0	1500	375	0	0.42	0	70.2	60.4	47.5	
3-4 AM	425	0.0	1500	425	0	0.42	0	70.2	60.2	47.3	
4-5 AM	672	0.0	1500	672	0	0.45	0	70.2	59.6	46.1	
5-6 AM	1826	0.0	1499	1826	0	2.66	86	69.7	34.3	32.9	
6-7 AM	3577	0.0	1499	1500	2077	16.21+	399	67.6	9.6	32.5	
7-8 AM	4078	0.0	1500	1500	2578	16.07+	400	64.3	9.6	32.5	
8-9 AM	3402	0.0	1500	1500	1902	16.22+	400	67.8	9.6	32.5	
9-10 AM	2907	0.0	1500	1500	1407	16.24+	400	68.4	9.6	32.5	
10-11 AM	2974	0.0	1500	1500	1474	16.24+	400	68.4	9.6	32.5	
11AM-NOON	3045	0.0	1500	1500	1545	16.23+	400	68.2	9.6	32.5	
NOON-1PM	2969	0.0	1500	1500	1469	16.24+	400	68.4	9.6	32.5	
1-2 PM	2918	0.0	1500	1500	1418	16.24+	400	68.4	9.6	32.5	
2-3 PM	3406	0.0	1500	1500	1906	16.22+	400	67.8	9.6	32.5	
3-4 PM	3658	0.0	1500	1500	2158	16.19+	400	67.2	9.6	32.5	
4-5 PM	3545	0.0	1500	1500	2045	16.21+	400	67.6	9.6	32.5	
5-6 PM	3323	0.0	1500	1500	1823	16.22+	400	67.9	9.6	32.5	
6-7 PM	2744	0.0	1500	1500	1244	16.25+	400	68.6	9.6	32.5	
7-8 PM	2182	0.0	1500	1500	682	16.27+	400	69.3	9.6	32.5	
8-9 PM	1822	0.0	1500	1525	297	16.18+	397	69.8	9.6	32.4	
9-10 PM	1785	0.0	1500	1500	285	16.29+	400	69.8	9.6	32.5	
10-11 PM	1485	0.0	1500	1485	0	15.65+	383	70.2	9.9	32.4	
11PM-MID	1133	0.0	1499	1133	0	6.47	196	70.2	19.9	36.7	

+ 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

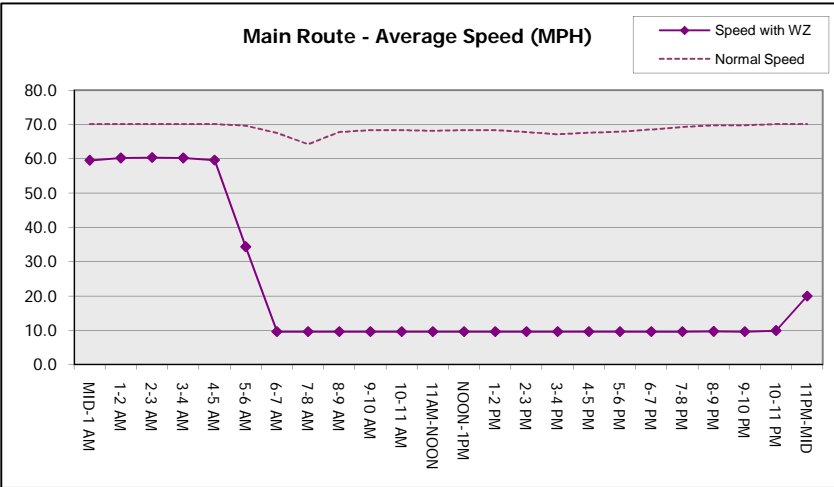
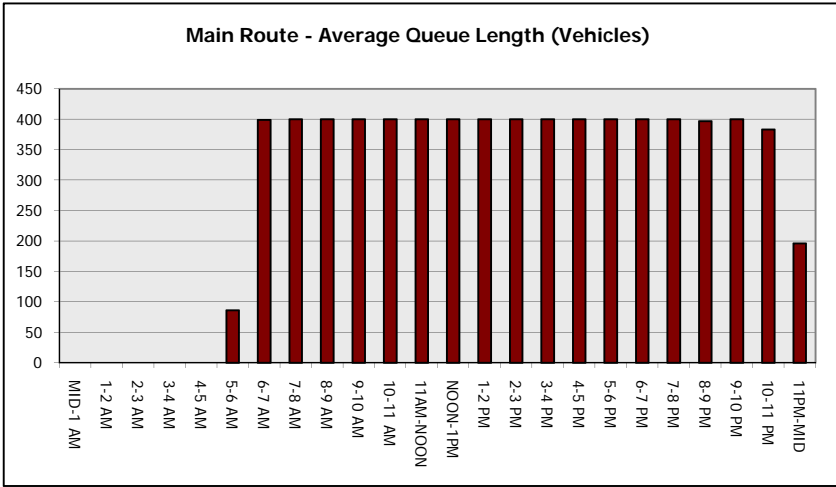
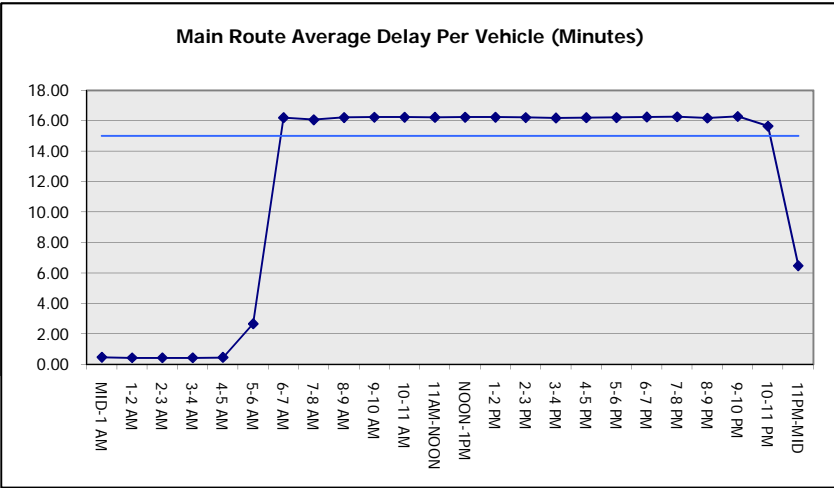
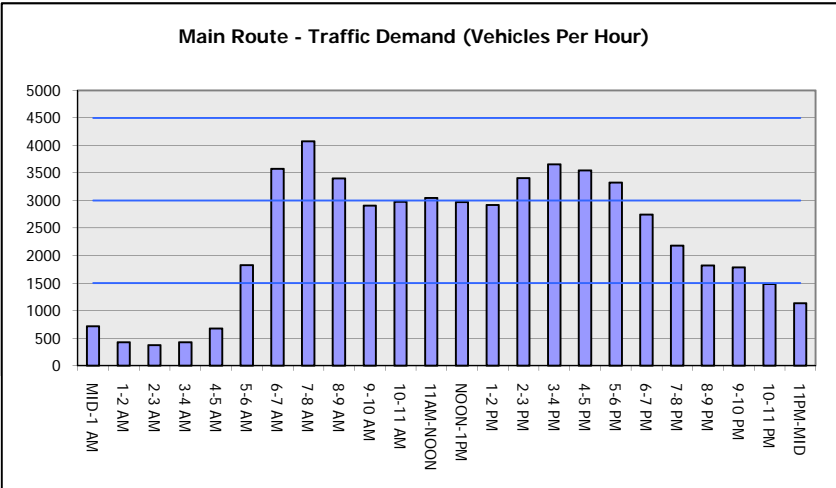
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0265
MAIN ROUTE WITH WORKS	0.0128
'DIVERSION'	0.0269
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$179,491
CONGESTED HOURS PER DAY*	17

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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)	AUGUST
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SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	638	0.0	1500	638	0	0.45	0	70.2	59.7	46.3
1-2 AM	420	0.0	1500	420	0	0.42	0	70.2	60.2	47.3
2-3 AM	391	0.0	1500	391	0	0.42	0	70.2	60.4	47.4
3-4 AM	471	0.0	1500	471	0	0.43	0	70.2	60.1	47.1
4-5 AM	994	0.0	1499	994	0	0.54	0	70.2	57.9	43.3
5-6 AM	2160	0.0	1499	1978	181	7.72+	231	69.4	17.5	32.5
6-7 AM	3087	0.0	1500	1500	1587	16.22+	400	68.2	9.6	32.7
7-8 AM	3172	0.0	1500	1500	1672	16.22+	400	68.1	9.6	32.7
8-9 AM	2918	0.0	1500	1500	1418	16.23+	400	68.4	9.6	32.7
9-10 AM	2829	0.0	1500	1500	1329	16.23+	400	68.5	9.6	32.7
10-11 AM	2662	0.0	1500	1500	1162	16.24+	400	68.7	9.6	32.7
11AM-NOON	2822	0.0	1500	1500	1322	16.23+	400	68.6	9.6	32.7
NOON-1PM	3029	0.0	1500	1500	1529	16.22+	400	68.2	9.6	32.7
1-2 PM	3049	0.0	1500	1500	1549	16.22+	400	68.2	9.6	32.7
2-3 PM	3687	0.0	1500	1500	2187	16.17+	400	66.9	9.6	32.7
3-4 PM	4024	0.0	1500	1500	2524	16.08+	400	64.6	9.6	32.7
4-5 PM	4387	0.0	1500	1500	2887	15.96+	400	62.2	9.6	32.7
5-6 PM	4356	0.0	1500	1500	2856	15.97+	400	62.4	9.6	32.7
6-7 PM	3335	0.0	1500	1500	1835	16.21+	400	67.9	9.6	32.7
7-8 PM	2413	0.0	1500	1480	933	16.18+	398	69.1	9.6	32.7
8-9 PM	2071	0.0	1499	1483	588	16.22+	398	69.5	9.6	32.5
9-10 PM	1929	0.0	1499	1493	436	16.26+	399	69.6	9.6	32.5
10-11 PM	1583	0.0	1499	1456	127	16.12+	395	70.0	9.6	32.5
11PM-MID	1110	0.0	1499	1110	0	7.59	225	70.2	17.7	37.0

+ 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	0.0275
MAIN ROUTE WITH WORKS	0.0129
'DIVERSION'	0.0289

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$187,385
CONGESTED HOURS PER DAY*	18

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

