

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) NIGHTTIME 2 LANE 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	1026	0.0	1499	1026	0	1.95	125	70.2	23.0	40.0	
1-2 AM	647	0.0	1500	647	0	0.23	0	70.2	55.4	46.3	
2-3 AM	522	0.0	1500	522	0	0.22	0	70.2	55.8	46.8	
3-4 AM	480	0.0	1500	480	0	0.22	0	70.2	56.0	47.0	
4-5 AM	506	0.0	1500	506	0	0.22	0	70.2	55.9	46.9	
5-6 AM	989	0.0	1499	989	0	0.25	0	70.2	54.3	44.8	
6-7 AM	1523	0.0	1499	1523	0	0.91	17	70.2	34.0	33.6	
7-8 AM	1936	0.0	1500	1936	0	8.89+	250	69.6	7.7	32.5	
8-9 AM	2757	0.0	OFF	2757	0	0.40	39	68.6	46.9	46.9	
9-10 AM	3227	0.0	OFF	3227	0	0.00	0	68.0	68.0	68.0	
10-11 AM	3617	0.0	OFF	3617	0	0.00	0	67.4	67.4	67.4	
11AM-NOON	3753	0.0	OFF	3753	0	0.00	0	66.5	66.5	66.5	
NOON-1PM	3924	0.0	OFF	3924	0	0.00	0	65.3	65.3	65.3	
1-2 PM	3993	0.0	OFF	3993	0	0.00	0	64.9	64.9	64.9	
2-3 PM	3885	0.0	OFF	3885	0	0.00	0	65.6	65.6	65.6	
3-4 PM	3806	0.0	OFF	3806	0	0.00	0	66.1	66.1	66.1	
4-5 PM	3681	0.0	OFF	3681	0	0.00	0	67.0	67.0	67.0	
5-6 PM	3502	0.0	OFF	3502	0	0.00	0	67.7	67.7	67.7	
6-7 PM	2972	0.0	1499	1585	1387	16.17+	414	68.4	5.5	38.9	
7-8 PM	2697	0.0	1499	1656	1041	15.06+	400	68.7	5.8	37.9	
8-9 PM	2313	0.0	1499	1716	597	15.82+	403	69.2	5.6	32.5	
9-10 PM	2136	0.0	1499	1495	641	16.57+	420	69.4	5.5	32.5	
10-11 PM	1809	0.0	1499	1482	326	16.50+	418	69.8	5.5	32.5	
11PM-MID	1415	0.0	1499	1382	33	15.30+	387	70.2	5.7	32.5	

"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

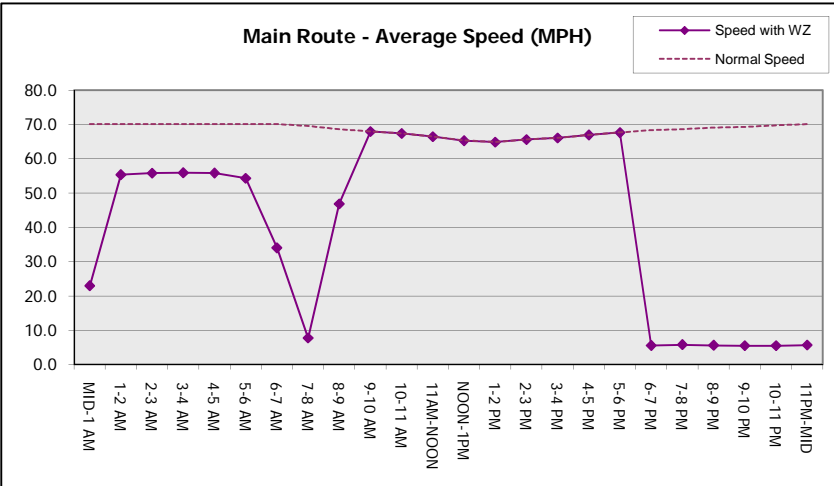
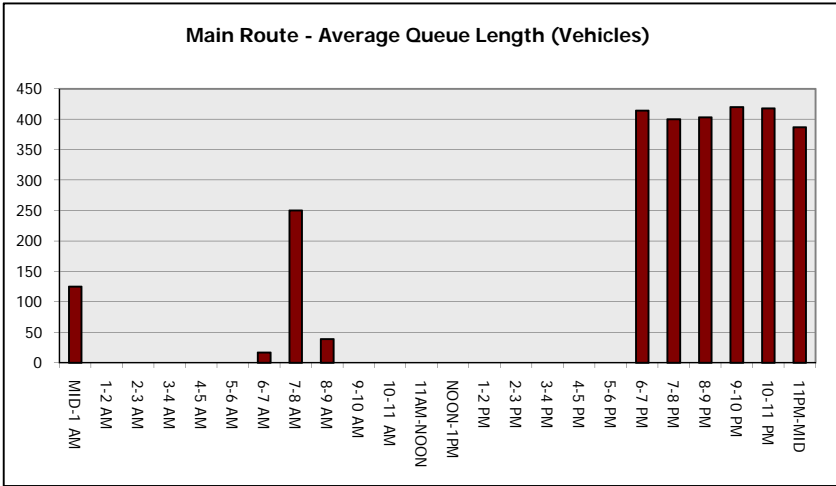
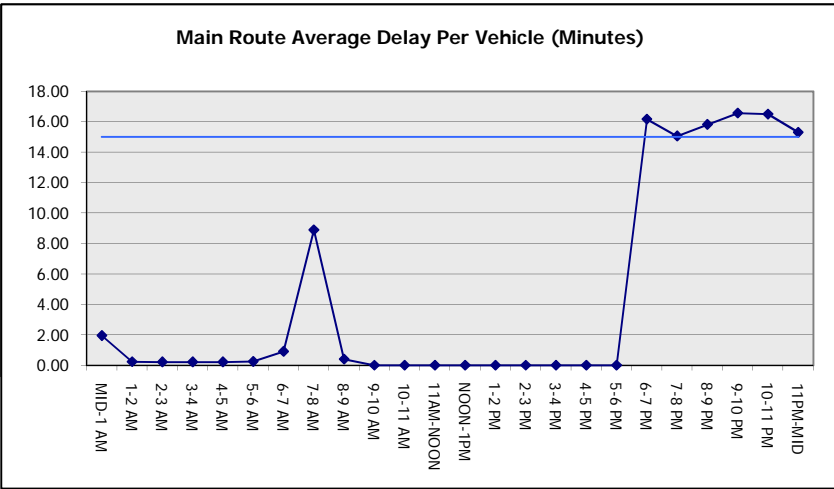
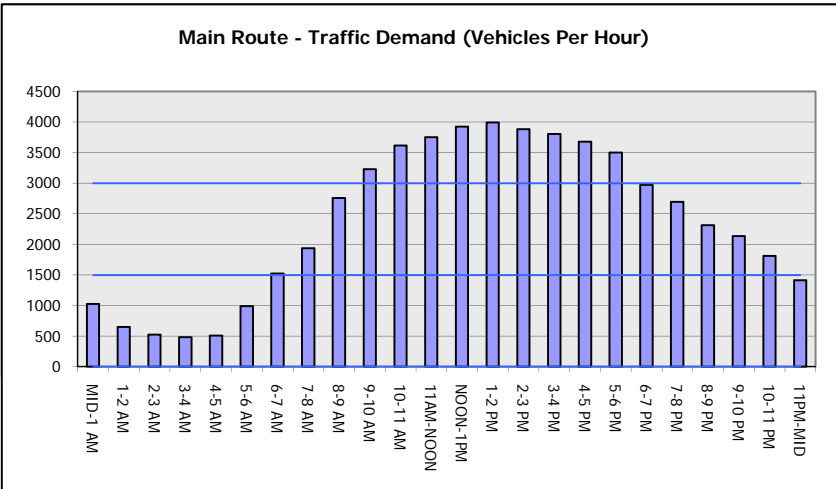
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0091
MAIN ROUTE WITH WORKS	0.0066
'DIVERSION'	0.0015
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$60,925
CONGESTED HOURS PER DAY*	7

*Delays Exceeding User-Specified Maximum

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AUGUST
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) NIGHTTIME 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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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	1110	0.0	1499	1110	0	6.15	209	70.2	10.2	37.0
1-2 AM	688	0.0	1500	688	0	0.23	0	70.2	55.3	46.1
2-3 AM	662	0.0	1500	662	0	0.23	0	70.2	55.4	46.2
3-4 AM	566	0.0	1500	566	0	0.22	0	70.2	55.7	46.6
4-5 AM	778	0.0	1500	778	0	0.24	0	70.2	55.0	45.7
5-6 AM	1305	0.0	1500	1305	0	0.38	0	70.2	48.5	37.6
6-7 AM	1399	0.0	1499	1399	0	0.44	0	70.2	46.2	35.0
7-8 AM	1661	0.0	1499	1661	0	1.80	52	70.0	22.6	32.5
8-9 AM	2303	0.0	OFF	2303	0	0.04	3	69.2	66.3	66.3
9-10 AM	2914	0.0	OFF	2914	0	0.00	0	68.4	68.4	68.4
10-11 AM	3313	0.0	OFF	3313	0	0.00	0	67.9	67.9	67.9
11AM-NOON	3678	0.0	OFF	3678	0	0.00	0	67.0	67.0	67.0
NOON-1PM	3853	0.0	OFF	3853	0	0.00	0	65.8	65.8	65.8
1-2 PM	3698	0.0	OFF	3698	0	0.00	0	66.9	66.9	66.9
2-3 PM	3917	0.0	OFF	3917	0	0.00	0	65.4	65.4	65.4
3-4 PM	3790	0.0	OFF	3790	0	0.00	0	66.3	66.3	66.3
4-5 PM	3597	0.0	OFF	3597	0	0.00	0	67.6	67.6	67.6
5-6 PM	3289	0.0	OFF	3289	0	0.00	0	67.9	67.9	67.9
6-7 PM	2853	0.0	1499	1669	1185	15.29+	393	68.5	5.7	38.4
7-8 PM	2532	0.0	1499	1779	753	15.45+	398	68.9	5.7	33.2
8-9 PM	2422	0.0	1499	1497	926	16.59+	421	69.1	5.5	32.5
9-10 PM	2531	0.0	1499	1493	1038	16.62+	421	68.9	5.5	32.5
10-11 PM	2008	0.0	1499	1498	511	16.56+	420	69.6	5.5	32.5
11PM-MID	1511	0.0	1499	1444	67	16.24+	411	70.2	5.5	32.5

"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	0.0090
MAIN ROUTE WITH WORKS	0.0064
'DIVERSION'	0.0017

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$60,882
CONGESTED HOURS PER DAY*	6

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

