

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) NIGHTTIME 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	3000	1026	0	0.18	0	70.2	57.9	49.7
1-2 AM	647	0.0	3000	647	0	0.18	0	70.2	57.9	49.7
2-3 AM	522	0.0	3000	522	0	0.18	0	70.2	57.9	49.7
3-4 AM	480	0.0	3000	480	0	0.18	0	70.2	57.9	49.7
4-5 AM	506	0.0	3000	506	0	0.18	0	70.2	57.9	49.7
5-6 AM	989	0.0	3000	989	0	0.18	0	70.2	57.9	49.7
6-7 AM	1523	0.0	3000	1523	0	0.18	0	70.2	57.9	49.7
7-8 AM	1936	0.0	3000	1936	0	0.18	0	69.6	57.7	49.7
8-9 AM	2757	0.0	OFF	2757	0	0.00	0	68.6	68.6	68.6
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	2999	2972	0	0.61	14	68.4	40.4	37.7
7-8 PM	2697	0.0	3000	2697	0	0.29	0	68.7	51.7	42.0
8-9 PM	2313	0.0	3000	2313	0	0.18	0	69.2	57.5	49.7
9-10 PM	2136	0.0	3000	2136	0	0.18	0	69.4	57.6	49.7
10-11 PM	1809	0.0	3000	1809	0	0.18	0	69.8	57.8	49.7
11PM-MID	1415	0.0	3000	1415	0	0.18	0	70.2	57.9	49.7

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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

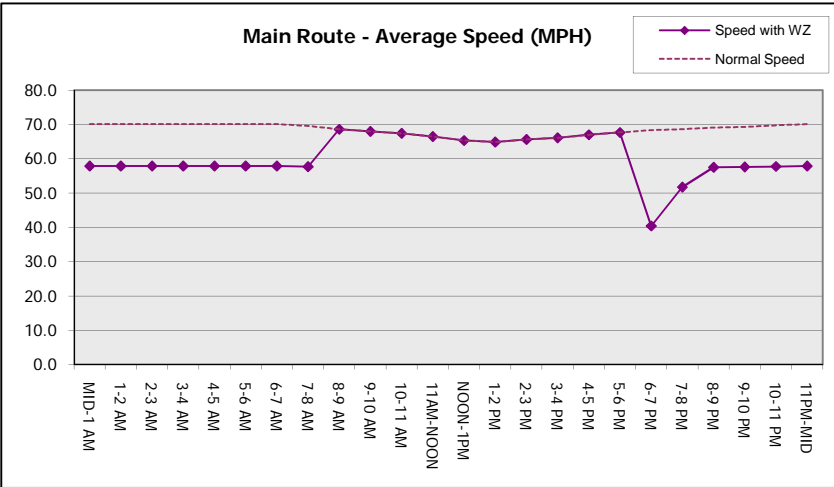
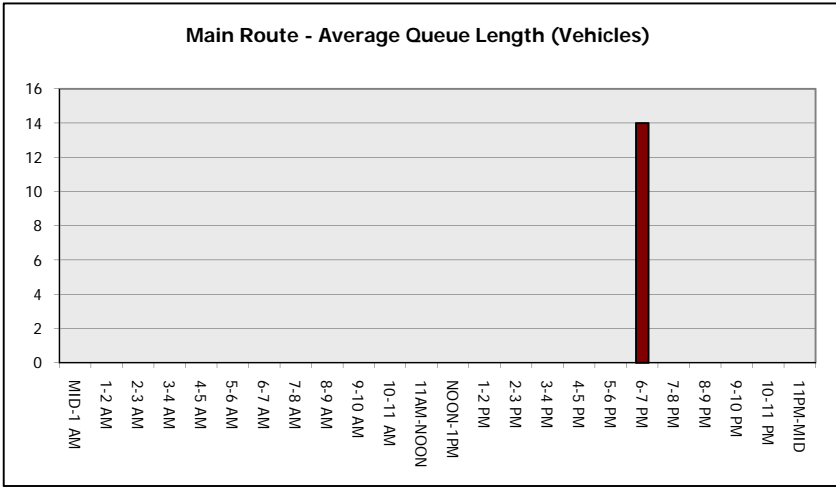
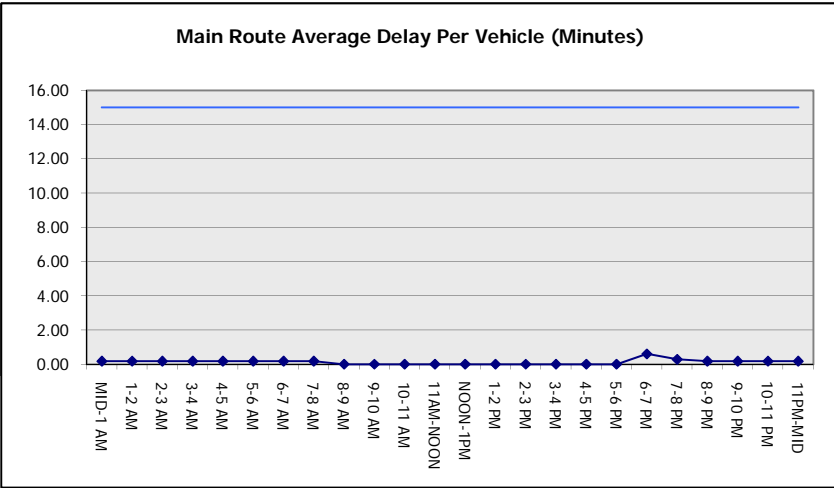
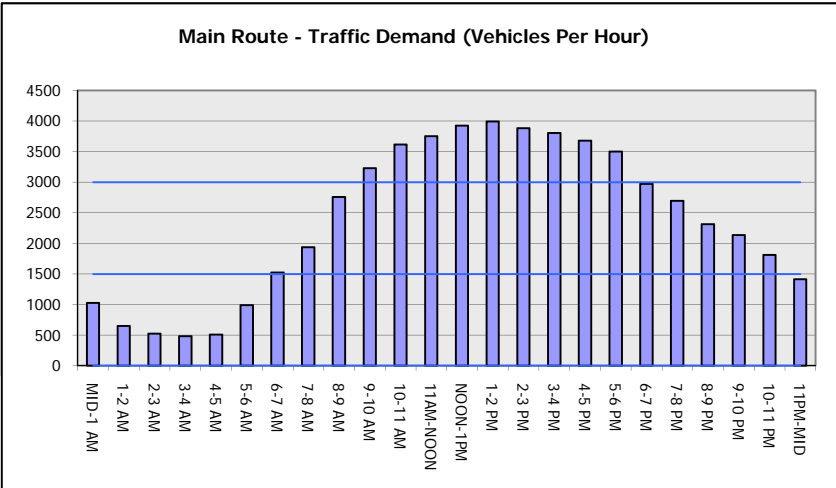
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0091
MAIN ROUTE WITH WORKS	0.0068
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,259
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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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 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	3000	1110	0	0.18	0	70.2	57.9	49.7
1-2 AM	688	0.0	3000	688	0	0.18	0	70.2	57.9	49.7
2-3 AM	662	0.0	3000	662	0	0.18	0	70.2	57.9	49.7
3-4 AM	566	0.0	3000	566	0	0.18	0	70.2	57.9	49.7
4-5 AM	778	0.0	3000	778	0	0.18	0	70.2	57.9	49.7
5-6 AM	1305	0.0	3000	1305	0	0.18	0	70.2	57.9	49.7
6-7 AM	1399	0.0	3000	1399	0	0.18	0	70.2	57.9	49.7
7-8 AM	1661	0.0	3000	1661	0	0.18	0	70.0	57.8	49.7
8-9 AM	2303	0.0	OFF	2303	0	0.00	0	69.2	69.2	69.2
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	3000	2853	0	0.34	0	68.5	49.4	39.2
7-8 PM	2532	0.0	3000	2532	0	0.23	0	68.9	54.5	45.5
8-9 PM	2422	0.0	3000	2422	0	0.19	0	69.1	56.4	48.1
9-10 PM	2531	0.0	3000	2531	0	0.23	0	68.9	54.5	45.5
10-11 PM	2008	0.0	3000	2008	0	0.18	0	69.6	57.6	49.7
11PM-MID	1511	0.0	3000	1511	0	0.18	0	70.2	57.9	49.7

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0066
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,106
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

