

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) NIGHTTIME 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	851	0.0	3000	851	0	0.18	0	70.2	57.9	49.7	
1-2 AM	505	0.0	3000	505	0	0.18	0	70.2	57.9	49.7	
2-3 AM	488	0.0	3000	488	0	0.18	0	70.2	57.9	49.7	
3-4 AM	545	0.0	3000	545	0	0.18	0	70.2	57.9	49.7	
4-5 AM	799	0.0	3000	799	0	0.18	0	70.2	57.9	49.7	
5-6 AM	2152	0.0	OFF	2152	0	0.00	0	69.4	69.4	69.4	
6-7 AM	3958	0.0	OFF	3958	0	0.00	0	65.1	65.1	65.1	
7-8 AM	4533	0.0	OFF	4533	0	0.00	0	61.2	61.2	61.2	
8-9 AM	3862	0.0	OFF	3862	0	0.00	0	65.8	65.8	65.8	
9-10 AM	3299	0.0	OFF	3299	0	0.00	0	67.9	67.9	67.9	
10-11 AM	3208	0.0	OFF	3208	0	0.00	0	68.1	68.1	68.1	
11AM-NOON	3583	0.0	OFF	3583	0	0.00	0	67.6	67.6	67.6	
NOON-1PM	3706	0.0	OFF	3706	0	0.00	0	66.8	66.8	66.8	
1-2 PM	3864	0.0	OFF	3864	0	0.00	0	65.8	65.8	65.8	
2-3 PM	4263	0.0	OFF	4263	0	0.00	0	63.0	63.0	63.0	
3-4 PM	4433	0.0	OFF	4433	0	0.00	0	61.9	61.9	61.9	
4-5 PM	4042	0.0	OFF	4042	0	0.00	0	64.5	64.5	64.5	
5-6 PM	3943	0.0	OFF	3943	0	0.00	0	65.2	65.2	65.2	
6-7 PM	3806	0.0	OFF	3806	0	0.00	0	66.1	66.1	66.1	
7-8 PM	3254	0.0	2999	3254	0	3.10	162	68.0	16.4	36.9	
8-9 PM	2663	0.0	2999	2663	0	1.59	116	68.7	25.6	40.1	
9-10 PM	2535	0.0	3000	2535	0	0.23	0	68.9	54.4	45.4	
10-11 PM	2018	0.0	3000	2018	0	0.18	0	69.6	57.6	49.7	
11PM-MID	1449	0.0	3000	1449	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

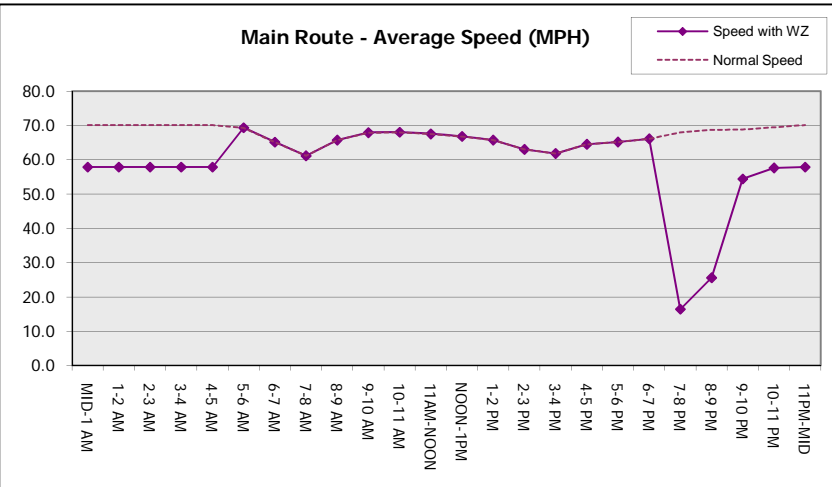
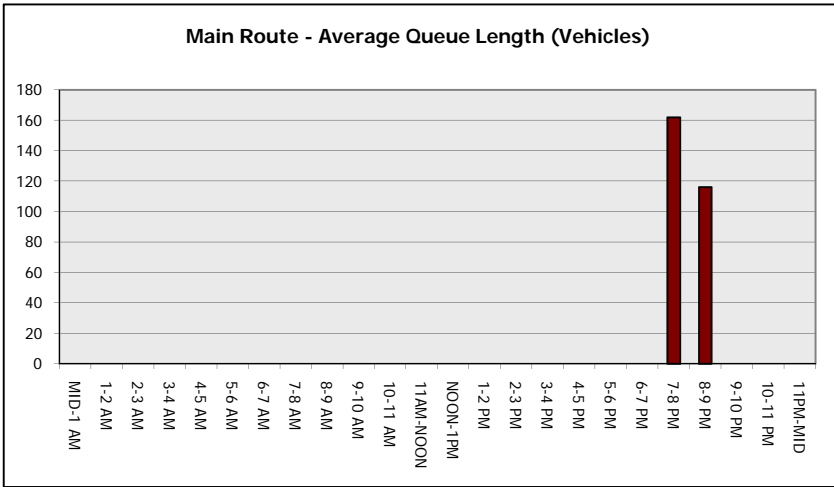
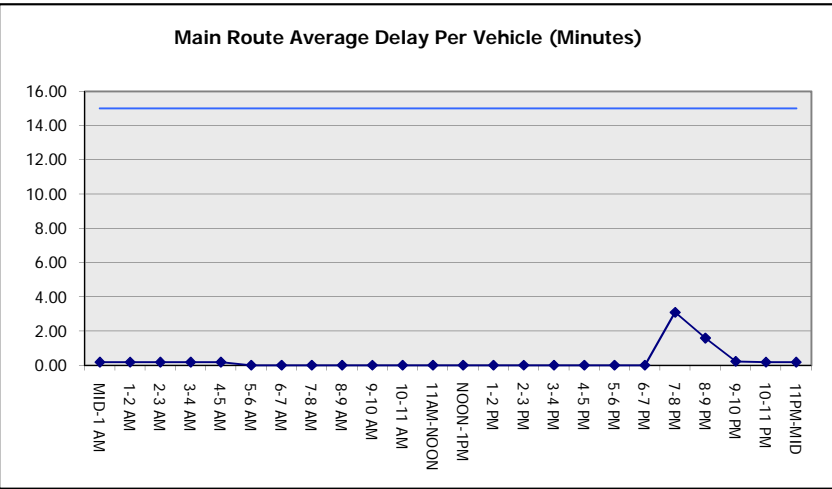
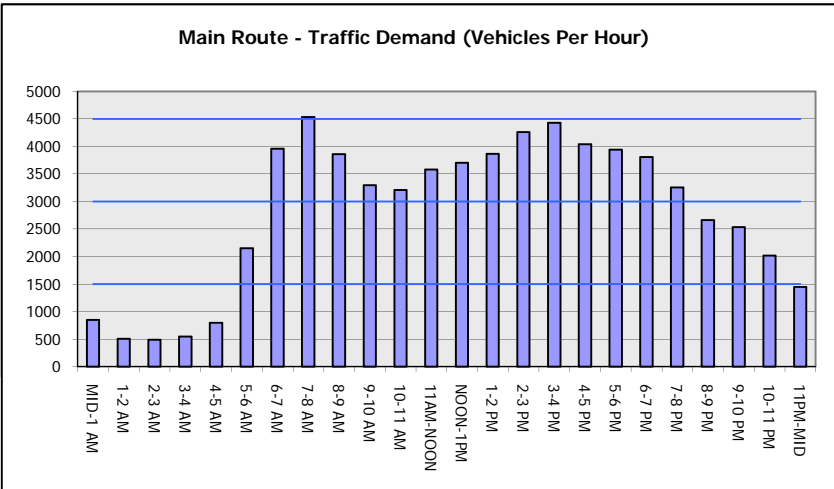
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0108
MAIN ROUTE WITH WORKS	0.0091
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,252
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) NIGHTTIME 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	769	0.0	3000	769	0	0.18	0	70.2	57.9	49.7
1-2 AM	513	0.0	3000	513	0	0.18	0	70.2	57.9	49.7
2-3 AM	518	0.0	3000	518	0	0.18	0	70.2	57.9	49.7
3-4 AM	618	0.0	3000	618	0	0.18	0	70.2	57.9	49.7
4-5 AM	1104	0.0	3000	1104	0	0.18	0	70.2	57.9	49.7
5-6 AM	2400	0.0	OFF	2400	0	0.00	0	69.1	69.1	69.1
6-7 AM	3590	0.0	OFF	3590	0	0.00	0	67.6	67.6	67.6
7-8 AM	3568	0.0	OFF	3568	0	0.00	0	67.6	67.6	67.6
8-9 AM	3338	0.0	OFF	3338	0	0.00	0	67.9	67.9	67.9
9-10 AM	3086	0.0	OFF	3086	0	0.00	0	68.2	68.2	68.2
10-11 AM	3052	0.0	OFF	3052	0	0.00	0	68.2	68.2	68.2
11AM-NOON	3439	0.0	OFF	3439	0	0.00	0	67.8	67.8	67.8
NOON-1PM	3707	0.0	OFF	3707	0	0.00	0	66.8	66.8	66.8
1-2 PM	3973	0.0	OFF	3973	0	0.00	0	65.0	65.0	65.0
2-3 PM	4271	0.0	OFF	4271	0	0.00	0	63.0	63.0	63.0
3-4 PM	4635	0.0	OFF	4635	0	0.00	0	60.5	60.5	60.5
4-5 PM	4977	0.0	OFF	4977	0	0.00	0	58.2	58.2	58.2
5-6 PM	4713	0.0	OFF	4713	0	0.00	0	60.0	60.0	60.0
6-7 PM	3747	0.0	OFF	3747	0	0.00	0	66.6	66.6	66.6
7-8 PM	2976	0.0	2999	2976	0	0.90	31	68.3	33.8	38.0
8-9 PM	2391	0.0	3000	2391	0	0.18	0	69.1	56.9	48.9
9-10 PM	2291	0.0	3000	2291	0	0.18	0	69.2	57.6	49.7
10-11 PM	2142	0.0	3000	2142	0	0.18	0	69.4	57.6	49.7
11PM-MID	1501	0.0	3000	1501	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	0.0107
MAIN ROUTE WITH WORKS	0.0091
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,270
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

