

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

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	690	0.0	3000	690	0	0.18	0	70.2	57.9	49.7
1-2 AM	394	0.0	3000	394	0	0.18	0	70.2	57.9	49.7
2-3 AM	366	0.0	3000	366	0	0.18	0	70.2	57.9	49.7
3-4 AM	456	0.0	3000	456	0	0.18	0	70.2	57.9	49.7
4-5 AM	699	0.0	3000	699	0	0.18	0	70.2	57.9	49.7
5-6 AM	2056	0.0	OFF	2056	0	0.00	0	69.5	69.5	69.5
6-7 AM	3929	0.0	OFF	3929	0	0.00	0	65.3	65.3	65.3
7-8 AM	4479	0.0	OFF	4479	0	0.00	0	61.5	61.5	61.5
8-9 AM	3612	0.0	OFF	3612	0	0.00	0	67.5	67.5	67.5
9-10 AM	2781	0.0	OFF	2781	0	0.00	0	68.6	68.6	68.6
10-11 AM	2936	0.0	OFF	2936	0	0.00	0	68.4	68.4	68.4
11AM-NOON	2946	0.0	OFF	2946	0	0.00	0	68.4	68.4	68.4
NOON-1PM	3067	0.0	OFF	3067	0	0.00	0	68.2	68.2	68.2
1-2 PM	3124	0.0	OFF	3124	0	0.00	0	68.2	68.2	68.2
2-3 PM	3666	0.0	OFF	3666	0	0.00	0	67.1	67.1	67.1
3-4 PM	3948	0.0	OFF	3948	0	0.00	0	65.2	65.2	65.2
4-5 PM	3744	0.0	OFF	3744	0	0.00	0	66.6	66.6	66.6
5-6 PM	3726	0.0	OFF	3726	0	0.00	0	66.7	66.7	66.7
6-7 PM	2886	0.0	OFF	2886	0	0.00	0	68.4	68.4	68.4
7-8 PM	2375	0.0	3000	2375	0	0.18	0	69.1	57.3	49.4
8-9 PM	2005	0.0	3000	2005	0	0.18	0	69.6	57.6	49.7
9-10 PM	1982	0.0	3000	1982	0	0.18	0	69.6	57.7	49.7
10-11 PM	1513	0.0	3000	1513	0	0.18	0	70.2	57.9	49.7
11PM-MID	1058	0.0	3000	1058	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

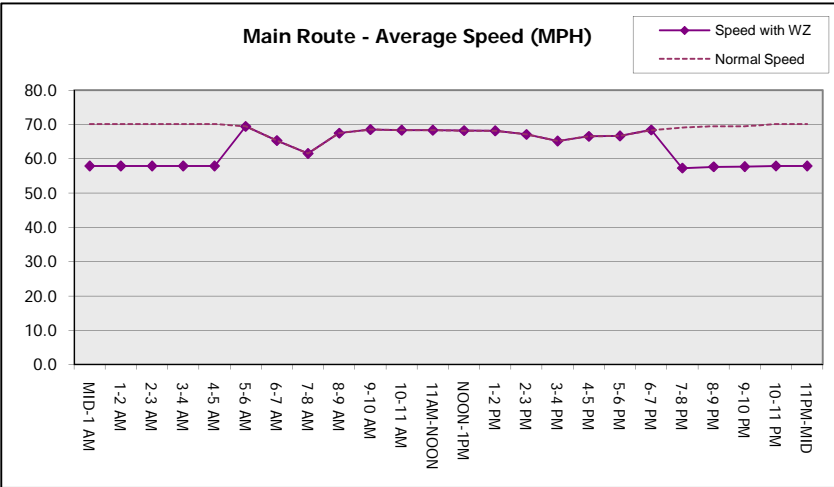
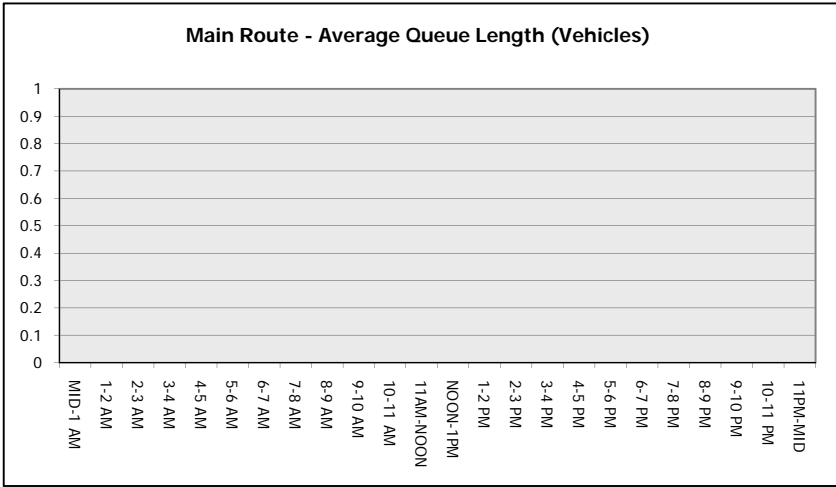
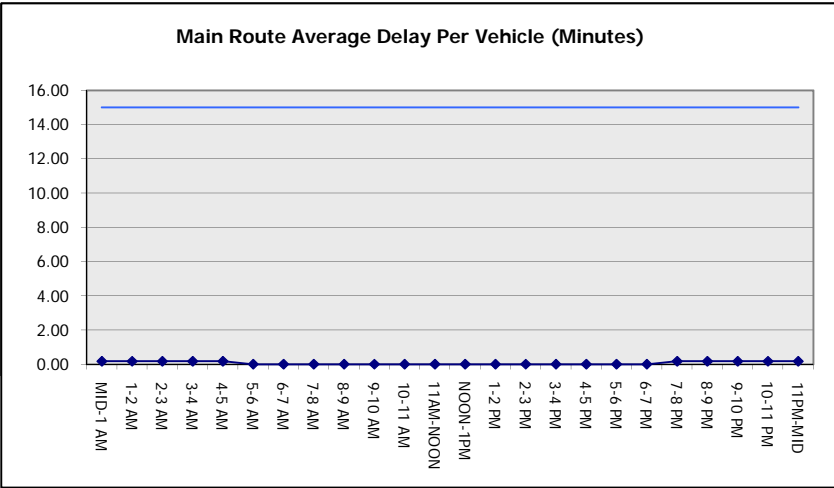
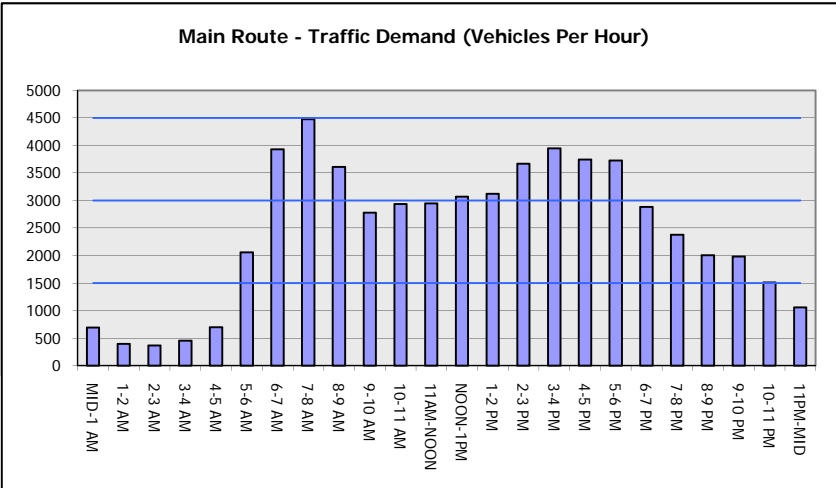
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0093
MAIN ROUTE WITH WORKS	0.0081
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$411
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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

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	603	0.0	3000	603	0	0.18	0	70.2	57.9	49.7
1-2 AM	417	0.0	3000	417	0	0.18	0	70.2	57.9	49.7
2-3 AM	420	0.0	3000	420	0	0.18	0	70.2	57.9	49.7
3-4 AM	541	0.0	3000	541	0	0.18	0	70.2	57.9	49.7
4-5 AM	1059	0.0	3000	1059	0	0.18	0	70.2	57.9	49.7
5-6 AM	2420	0.0	OFF	2420	0	0.00	0	69.1	69.1	69.1
6-7 AM	3668	0.0	OFF	3668	0	0.00	0	67.1	67.1	67.1
7-8 AM	3556	0.0	OFF	3556	0	0.00	0	67.6	67.6	67.6
8-9 AM	3206	0.0	OFF	3206	0	0.00	0	68.1	68.1	68.1
9-10 AM	2752	0.0	OFF	2752	0	0.00	0	68.6	68.6	68.6
10-11 AM	2820	0.0	OFF	2820	0	0.00	0	68.6	68.6	68.6
11AM-NOON	3039	0.0	OFF	3039	0	0.00	0	68.2	68.2	68.2
NOON-1PM	3311	0.0	OFF	3311	0	0.00	0	67.9	67.9	67.9
1-2 PM	3473	0.0	OFF	3473	0	0.00	0	67.8	67.8	67.8
2-3 PM	4099	0.0	OFF	4099	0	0.00	0	64.1	64.1	64.1
3-4 PM	4333	0.0	OFF	4333	0	0.00	0	62.5	62.5	62.5
4-5 PM	4743	0.0	OFF	4743	0	0.00	0	59.7	59.7	59.7
5-6 PM	4916	0.0	OFF	4916	0	0.00	0	58.6	58.6	58.6
6-7 PM	3477	0.0	OFF	3477	0	0.00	0	67.7	67.7	67.7
7-8 PM	2572	0.0	3000	2572	0	0.24	0	68.9	53.8	44.6
8-9 PM	2228	0.0	3000	2228	0	0.18	0	69.2	57.6	49.7
9-10 PM	2059	0.0	3000	2059	0	0.18	0	69.5	57.6	49.7
10-11 PM	1615	0.0	3000	1615	0	0.18	0	70.0	57.8	49.7
11PM-MID	1035	0.0	3000	1035	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	0.0099
MAIN ROUTE WITH WORKS	0.0086
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$478
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

