

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) OFF-PEAK DAY 2 LANE 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	OFF	851	0	0.00	0	70.2	70.2	70.2	
1-2 AM	505	0.0	OFF	505	0	0.00	0	70.2	70.2	70.2	
2-3 AM	488	0.0	OFF	488	0	0.00	0	70.2	70.2	70.2	
3-4 AM	545	0.0	OFF	545	0	0.00	0	70.2	70.2	70.2	
4-5 AM	799	0.0	OFF	799	0	0.00	0	70.2	70.2	70.2	
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	1499	1586	1622	17.13+	439	68.1	5.4	38.9	
11AM-NOON	3583	0.0	1499	1801	1782	15.36+	403	67.6	5.7	36.5	
NOON-1PM	3706	0.0	1499	1500	2206	17.09+	435	66.8	5.3	32.5	
1-2 PM	3864	0.0	1500	1500	2364	17.07+	435	65.8	5.3	32.5	
2-3 PM	4263	0.0	1500	1500	2763	17.00+	435	63.0	5.3	32.5	
3-4 PM	4433	0.0	OFF	4433	0	0.52	47	61.9	40.2	40.2	
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	OFF	3254	0	0.00	0	68.0	68.0	68.0	
8-9 PM	2663	0.0	OFF	2663	0	0.00	0	68.7	68.7	68.7	
9-10 PM	2535	0.0	OFF	2535	0	0.00	0	68.9	68.9	68.9	
10-11 PM	2018	0.0	OFF	2018	0	0.00	0	69.6	69.6	69.6	
11PM-MID	1449	0.0	OFF	1449	0	0.00	0	70.2	70.2	70.2	

"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

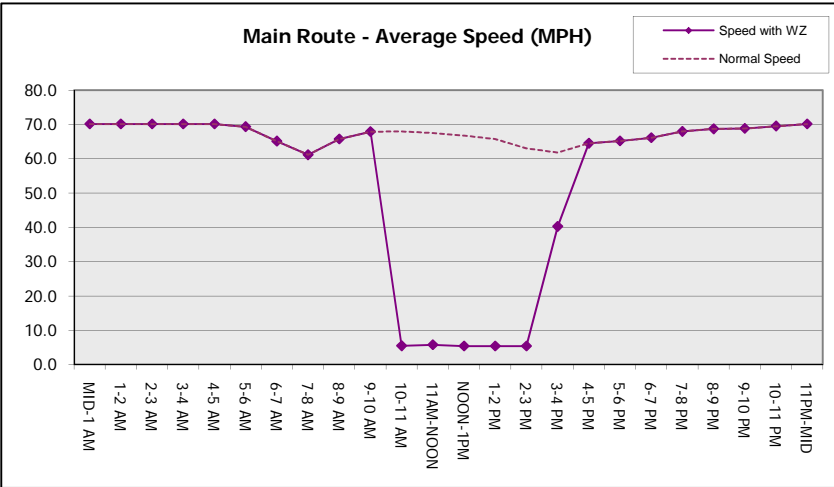
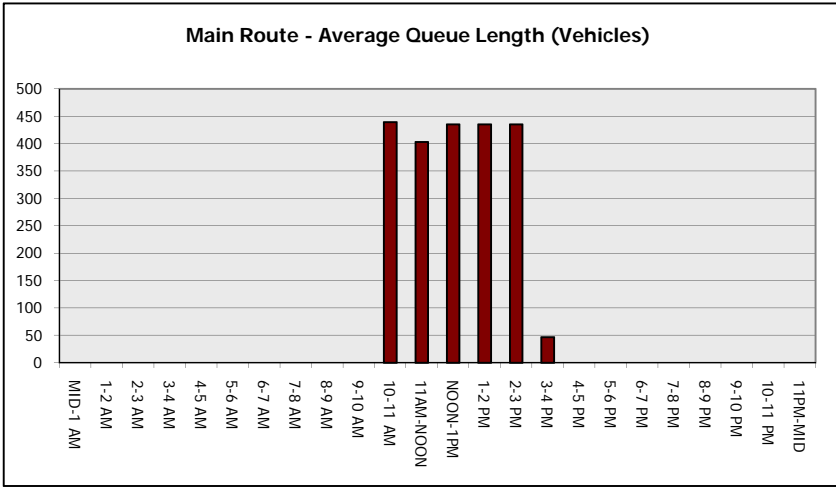
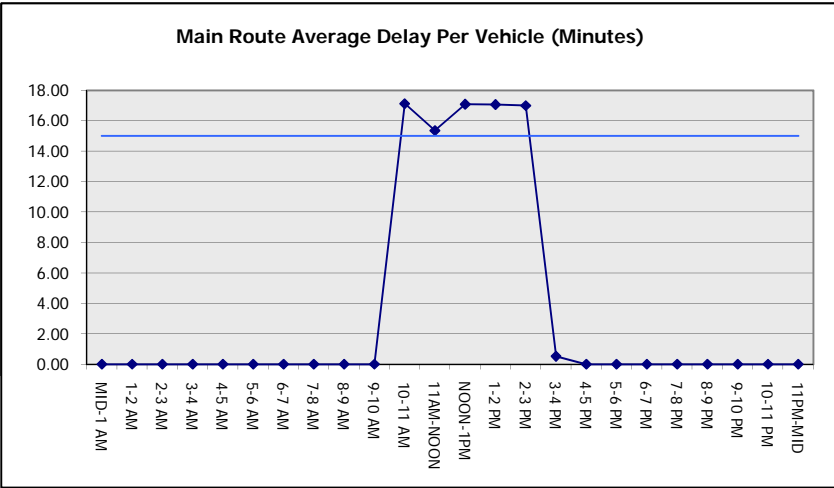
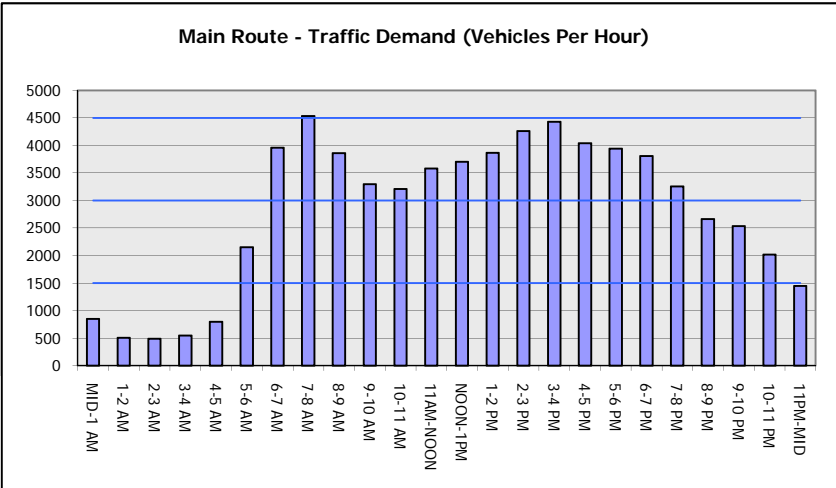
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0108
MAIN ROUTE WITH WORKS	0.0082
'DIVERSION'	0.0040
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$69,570
CONGESTED HOURS PER DAY*	5

*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) OFF-PEAK DAY 2 LANE 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	OFF	769	0	0.00	0	70.2	70.2	70.2
1-2 AM	513	0.0	OFF	513	0	0.00	0	70.2	70.2	70.2
2-3 AM	518	0.0	OFF	518	0	0.00	0	70.2	70.2	70.2
3-4 AM	618	0.0	OFF	618	0	0.00	0	70.2	70.2	70.2
4-5 AM	1104	0.0	OFF	1104	0	0.00	0	70.2	70.2	70.2
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	1499	1617	1435	15.85+	406	68.2	5.6	38.7
11AM-NOON	3439	0.0	1499	1901	1538	15.67+	406	67.8	5.7	34.2
NOON-1PM	3707	0.0	1499	1471	2236	17.00+	433	66.8	5.4	32.5
1-2 PM	3973	0.0	1499	1500	2474	17.05+	435	65.0	5.3	32.5
2-3 PM	4271	0.0	1500	1500	2771	17.00+	435	63.0	5.3	32.5
3-4 PM	4635	0.0	OFF	4635	0	0.93	87	60.5	31.2	31.2
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	OFF	2976	0	0.00	0	68.3	68.3	68.3
8-9 PM	2391	0.0	OFF	2391	0	0.00	0	69.1	69.1	69.1
9-10 PM	2291	0.0	OFF	2291	0	0.00	0	69.2	69.2	69.2
10-11 PM	2142	0.0	OFF	2142	0	0.00	0	69.4	69.4	69.4
11PM-MID	1501	0.0	OFF	1501	0	0.00	0	70.2	70.2	70.2

"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	0.0107
MAIN ROUTE WITH WORKS	0.0082
'DIVERSION'	0.0039

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$68,657
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

