

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

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	978	0.0	OFF	978	0	0.00	0	70.2	70.2	70.2	
1-2 AM	620	0.0	OFF	620	0	0.00	0	70.2	70.2	70.2	
2-3 AM	507	0.0	OFF	507	0	0.00	0	70.2	70.2	70.2	
3-4 AM	424	0.0	OFF	424	0	0.00	0	70.2	70.2	70.2	
4-5 AM	504	0.0	OFF	504	0	0.00	0	70.2	70.2	70.2	
5-6 AM	917	0.0	OFF	917	0	0.00	0	70.2	70.2	70.2	
6-7 AM	1474	0.0	OFF	1474	0	0.00	0	70.2	70.2	70.2	
7-8 AM	1989	0.0	OFF	1989	0	0.00	0	69.6	69.6	69.6	
8-9 AM	2479	0.0	1499	1976	503	12.85+	334	68.9	6.2	32.5	
9-10 AM	1977	0.0	1499	1473	504	16.49+	418	69.6	5.5	32.5	
10-11 AM	2568	0.0	1499	1486	1082	16.66+	423	68.9	5.4	32.5	
11AM-NOON	3521	0.0	1499	1500	2021	17.11+	435	67.7	5.3	32.5	
NOON-1PM	3543	0.0	1500	1500	2043	17.11+	435	67.6	5.3	32.5	
1-2 PM	3429	0.0	1500	1500	1929	17.11+	435	67.8	5.3	32.5	
2-3 PM	3758	0.0	1500	1500	2258	17.09+	435	66.5	5.3	32.5	
3-4 PM	3787	0.0	1500	1500	2287	17.08+	435	66.3	5.3	32.5	
4-5 PM	3690	0.0	1500	1500	2190	17.10+	435	66.9	5.3	32.5	
5-6 PM	3441	0.0	1500	1500	1941	17.11+	435	67.8	5.3	32.5	
6-7 PM	3063	0.0	OFF	3063	0	0.33	32	68.2	49.6	49.6	
7-8 PM	1925	0.0	OFF	1925	0	0.00	0	69.7	69.7	69.7	
8-9 PM	1782	0.0	OFF	1782	0	0.00	0	69.8	69.8	69.8	
9-10 PM	2074	0.0	OFF	2074	0	0.00	0	69.5	69.5	69.5	
10-11 PM	1742	0.0	OFF	1742	0	0.00	0	69.9	69.9	69.9	
11PM-MID	1275	0.0	OFF	1275	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

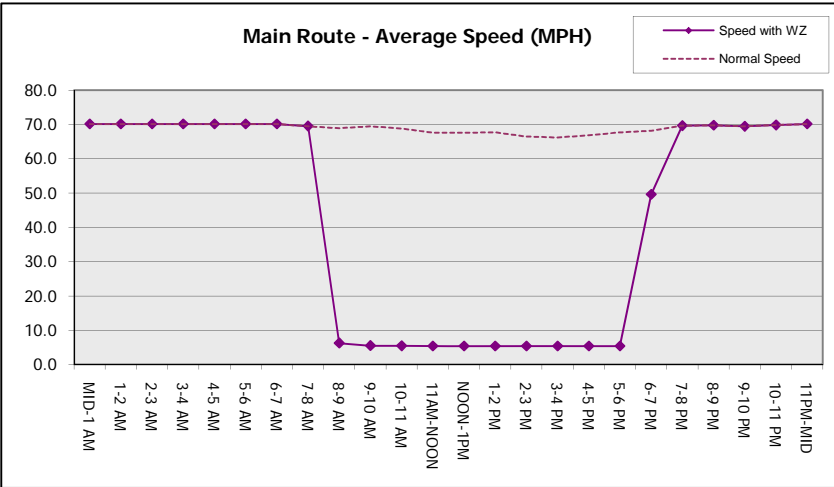
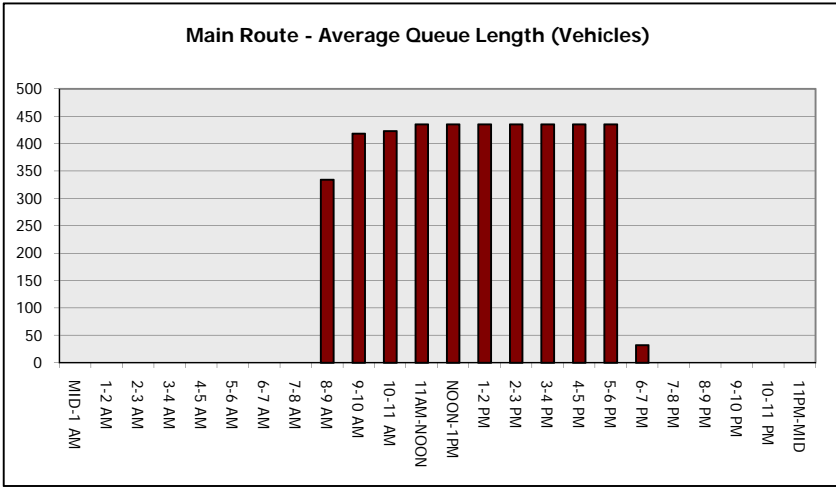
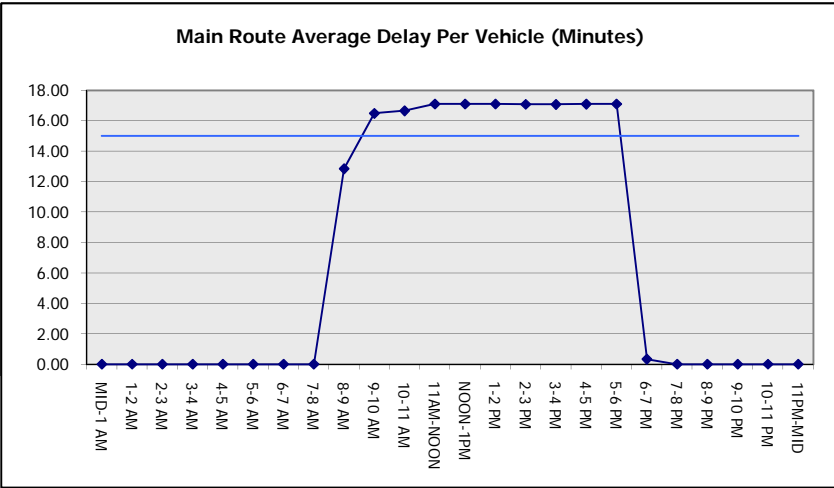
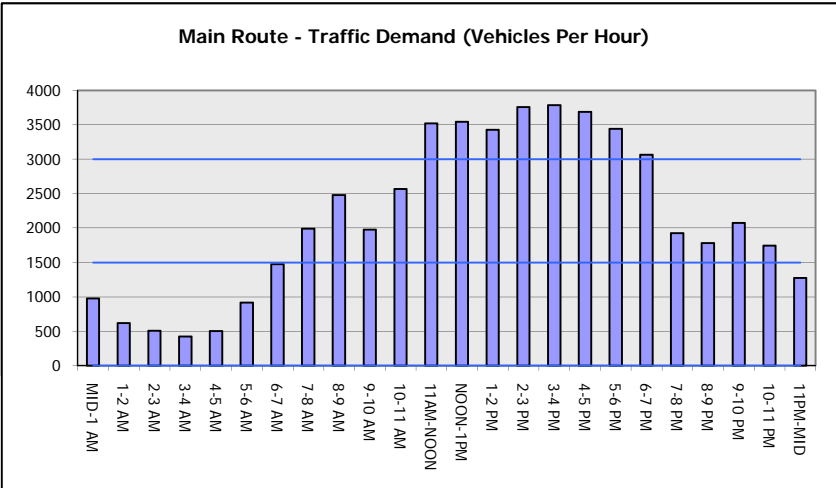
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0082
MAIN ROUTE WITH WORKS	0.0039
'DIVERSION'	0.0062
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$148,006
CONGESTED HOURS PER DAY*	10

*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) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	923	0.0	OFF	923	0	0.00	0	70.2	70.2	70.2
1-2 AM	657	0.0	OFF	657	0	0.00	0	70.2	70.2	70.2
2-3 AM	635	0.0	OFF	635	0	0.00	0	70.2	70.2	70.2
3-4 AM	517	0.0	OFF	517	0	0.00	0	70.2	70.2	70.2
4-5 AM	726	0.0	OFF	726	0	0.00	0	70.2	70.2	70.2
5-6 AM	1340	0.0	OFF	1340	0	0.00	0	70.2	70.2	70.2
6-7 AM	1506	0.0	OFF	1506	0	0.00	0	70.2	70.2	70.2
7-8 AM	1789	0.0	OFF	1789	0	0.00	0	69.8	69.8	69.8
8-9 AM	2342	0.0	1499	1909	433	11.73+	312	69.1	6.5	32.5
9-10 AM	1988	0.0	1500	1501	486	16.56+	420	69.6	5.5	32.5
10-11 AM	2662	0.0	1500	1509	1153	16.69+	423	68.7	5.4	32.5
11AM-NOON	3576	0.0	1499	1500	2076	17.11+	435	67.6	5.3	32.5
NOON-1PM	3765	0.0	1500	1500	2265	17.08+	435	66.4	5.3	32.5
1-2 PM	3650	0.0	1500	1500	2150	17.10+	435	67.2	5.3	32.5
2-3 PM	3715	0.0	1500	1500	2215	17.09+	435	66.8	5.3	32.5
3-4 PM	3594	0.0	1500	1500	2094	17.11+	435	67.6	5.3	32.5
4-5 PM	3439	0.0	1500	1500	1939	17.11+	435	67.8	5.3	32.5
5-6 PM	3244	0.0	1500	1508	1736	17.08+	434	68.0	5.4	32.5
6-7 PM	2774	0.0	OFF	2774	0	0.29	28	68.6	51.5	51.5
7-8 PM	1827	0.0	OFF	1827	0	0.00	0	69.7	69.7	69.7
8-9 PM	1801	0.0	OFF	1801	0	0.00	0	69.8	69.8	69.8
9-10 PM	2318	0.0	OFF	2318	0	0.00	0	69.2	69.2	69.2
10-11 PM	1815	0.0	OFF	1815	0	0.00	0	69.8	69.8	69.8
11PM-MID	1370	0.0	OFF	1370	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	0.0083
MAIN ROUTE WITH WORKS	0.0040
'DIVERSION'	0.0061

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$146,385
CONGESTED HOURS PER DAY*	10

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

