

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)	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	1041	0.0	OFF	1041	0	0.00	0	70.2	70.2	70.2	
1-2 AM	588	0.0	OFF	588	0	0.00	0	70.2	70.2	70.2	
2-3 AM	402	0.0	OFF	402	0	0.00	0	70.2	70.2	70.2	
3-4 AM	292	0.0	OFF	292	0	0.00	0	70.2	70.2	70.2	
4-5 AM	321	0.0	OFF	321	0	0.00	0	70.2	70.2	70.2	
5-6 AM	512	0.0	OFF	512	0	0.00	0	70.2	70.2	70.2	
6-7 AM	810	0.0	OFF	810	0	0.00	0	70.2	70.2	70.2	
7-8 AM	1000	0.0	OFF	1000	0	0.00	0	70.2	70.2	70.2	
8-9 AM	1500	0.0	OFF	1500	0	0.00	0	70.2	70.2	70.2	
9-10 AM	2217	0.0	1499	1908	309	9.32+	266	69.3	7.5	32.5	
10-11 AM	2880	0.0	1499	1516	1365	16.80+	427	68.4	5.4	32.5	
11AM-NOON	3093	0.0	1500	1507	1586	16.99+	432	68.2	5.4	32.5	
NOON-1PM	3356	0.0	1499	1500	1856	17.12+	435	67.9	5.3	32.5	
1-2 PM	3441	0.0	1500	1500	1941	17.11+	435	67.8	5.3	32.5	
2-3 PM	3439	0.0	1500	1500	1939	17.11+	435	67.8	5.3	32.5	
3-4 PM	3513	0.0	1500	1500	2013	17.11+	435	67.7	5.3	32.5	
4-5 PM	3545	0.0	1500	1500	2045	17.11+	435	67.6	5.3	32.5	
5-6 PM	3154	0.0	1500	1502	1652	17.05+	433	68.1	5.4	32.5	
6-7 PM	3092	0.0	1499	1499	1593	17.00+	432	68.2	5.4	32.5	
7-8 PM	2745	0.0	OFF	2745	0	0.29	28	68.6	51.4	51.4	
8-9 PM	2365	0.0	OFF	2365	0	0.00	0	69.1	69.1	69.1	
9-10 PM	2135	0.0	OFF	2135	0	0.00	0	69.4	69.4	69.4	
10-11 PM	1607	0.0	OFF	1607	0	0.00	0	70.0	70.0	70.0	
11PM-MID	1056	0.0	OFF	1056	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	0.0
(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	0
(VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

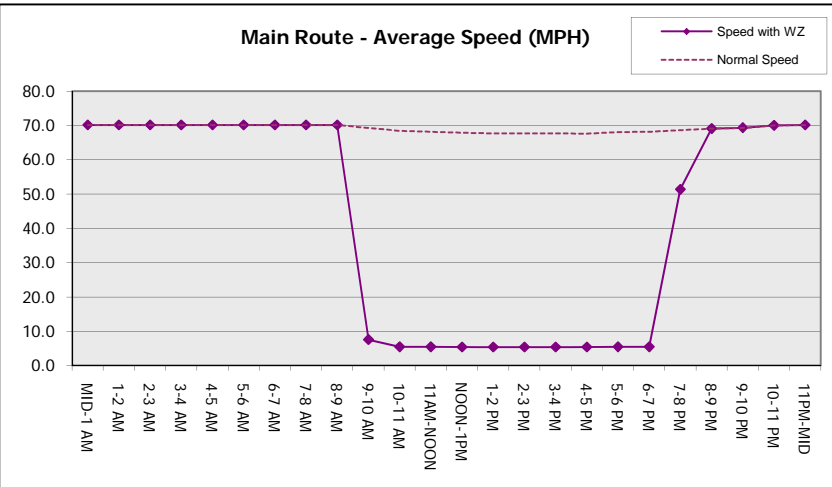
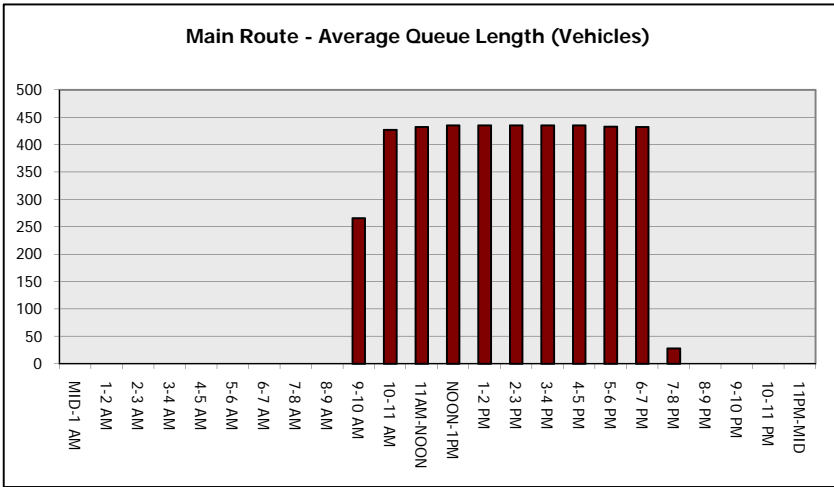
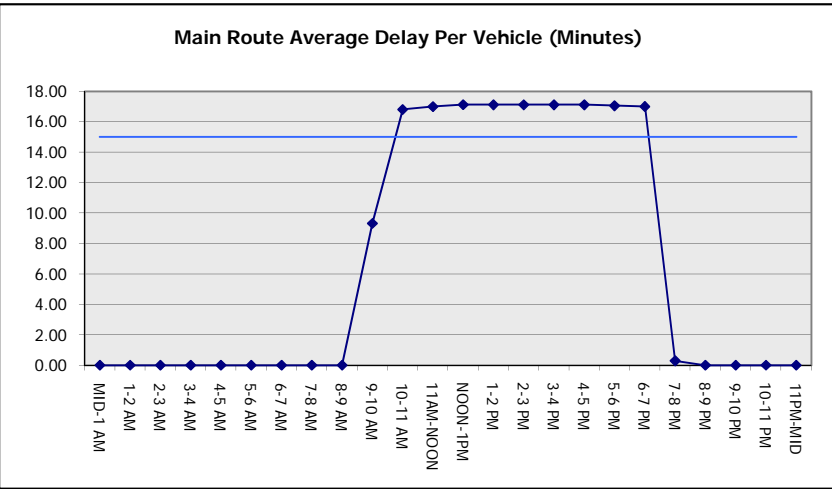
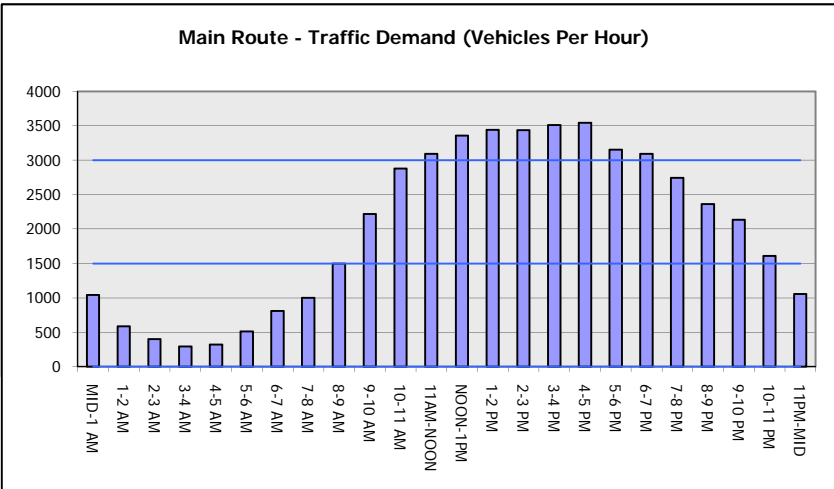
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0077
MAIN ROUTE WITH WORKS	0.0034
'DIVERSION'	0.0060
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$145,816
CONGESTED HOURS PER DAY*	10

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY 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)	AUGUST
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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	1307	0.0	OFF	1307	0	0.00	0	70.2	70.2	70.2
1-2 AM	852	0.0	OFF	852	0	0.00	0	70.2	70.2	70.2
2-3 AM	672	0.0	OFF	672	0	0.00	0	70.2	70.2	70.2
3-4 AM	458	0.0	OFF	458	0	0.00	0	70.2	70.2	70.2
4-5 AM	519	0.0	OFF	519	0	0.00	0	70.2	70.2	70.2
5-6 AM	801	0.0	OFF	801	0	0.00	0	70.2	70.2	70.2
6-7 AM	973	0.0	OFF	973	0	0.00	0	70.2	70.2	70.2
7-8 AM	1194	0.0	OFF	1194	0	0.00	0	70.2	70.2	70.2
8-9 AM	1705	0.0	OFF	1705	0	0.00	0	69.9	69.9	69.9
9-10 AM	2560	0.0	1499	1933	627	12.24+	323	68.9	6.3	32.5
10-11 AM	3096	0.0	1499	1499	1597	17.00+	432	68.2	5.4	32.5
11AM-NOON	3620	0.0	1500	1500	2120	17.11+	435	67.4	5.3	32.5
NOON-1PM	4159	0.0	1500	1500	2659	17.02+	435	63.8	5.3	32.5
1-2 PM	4314	0.0	1500	1500	2814	16.99+	435	62.7	5.3	32.5
2-3 PM	4482	0.0	1500	1500	2982	16.96+	435	61.5	5.3	32.5
3-4 PM	4432	0.0	1500	1500	2932	16.97+	435	61.9	5.3	32.5
4-5 PM	4297	0.0	1500	1500	2797	17.00+	435	62.8	5.3	32.5
5-6 PM	3956	0.0	1500	1500	2456	17.05+	435	65.1	5.3	32.5
6-7 PM	3632	0.0	1500	1500	2132	17.10+	435	67.4	5.3	32.5
7-8 PM	2917	0.0	OFF	2917	0	0.31	30	68.4	50.5	50.5
8-9 PM	2540	0.0	OFF	2540	0	0.00	0	68.9	68.9	68.9
9-10 PM	2165	0.0	OFF	2165	0	0.00	0	69.4	69.4	69.4
10-11 PM	1522	0.0	OFF	1522	0	0.00	0	70.2	70.2	70.2
11PM-MID	1047	0.0	OFF	1047	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	0.0
(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	0
(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	0.0038
'DIVERSION'	0.0085

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$179,182
CONGESTED HOURS PER DAY*	10

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

