

<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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	1026	0.0	3000	1026	0	0.18	0	70.2	57.9	49.7	
1-2 AM	647	0.0	3000	647	0	0.18	0	70.2	57.9	49.7	
2-3 AM	522	0.0	3000	522	0	0.18	0	70.2	57.9	49.7	
3-4 AM	480	0.0	3000	480	0	0.18	0	70.2	57.9	49.7	
4-5 AM	506	0.0	3000	506	0	0.18	0	70.2	57.9	49.7	
5-6 AM	989	0.0	3000	989	0	0.18	0	70.2	57.9	49.7	
6-7 AM	1523	0.0	3000	1523	0	0.18	0	70.2	57.9	49.7	
7-8 AM	1936	0.0	3000	1936	0	0.18	0	69.6	57.7	49.7	
8-9 AM	2757	0.0	2999	2757	0	0.30	0	68.6	51.0	41.1	
9-10 AM	3227	0.0	2999	3227	0	1.59	86	68.0	24.8	36.9	
10-11 AM	3617	0.0	3000	3617	0	9.43	519	67.4	9.9	36.9	
11AM-NOON	3753	0.0	2999	3038	715	16.83+	907	66.5	8.3	36.9	
NOON-1PM	3924	0.0	3000	3015	909	16.81+	909	65.3	8.3	36.9	
1-2 PM	3993	0.0	3000	3007	986	16.81+	910	64.9	8.3	36.9	
2-3 PM	3885	0.0	3000	3002	883	16.82+	908	65.6	8.3	36.9	
3-4 PM	3806	0.0	3000	3000	805	16.82+	908	66.1	8.3	36.9	
4-5 PM	3681	0.0	3000	2999	682	16.83+	906	67.0	8.3	36.9	
5-6 PM	3502	0.0	3000	2999	503	16.81+	904	67.7	8.3	36.9	
6-7 PM	2972	0.0	3000	2934	38	16.49+	885	68.4	8.3	36.9	
7-8 PM	2697	0.0	2999	2697	0	13.22+	708	68.7	8.8	36.9	
8-9 PM	2313	0.0	2999	2313	0	2.22	225	69.2	23.2	44.0	
9-10 PM	2136	0.0	3000	2136	0	0.18	0	69.4	57.6	49.7	
10-11 PM	1809	0.0	3000	1809	0	0.18	0	69.8	57.8	49.7	
11PM-MID	1415	0.0	3000	1415	0	0.18	0	70.2	57.9	49.7	

+ 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

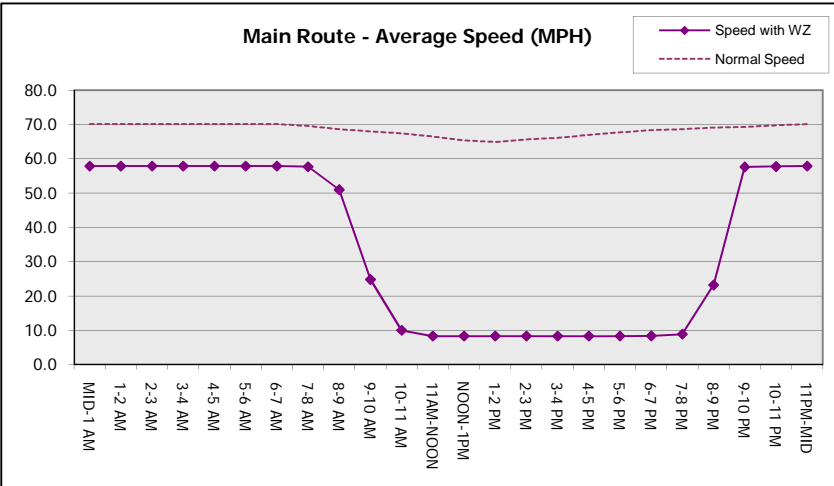
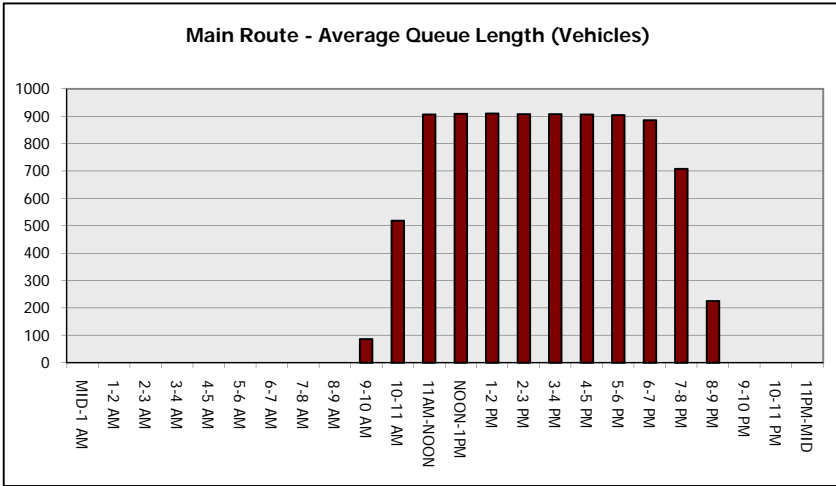
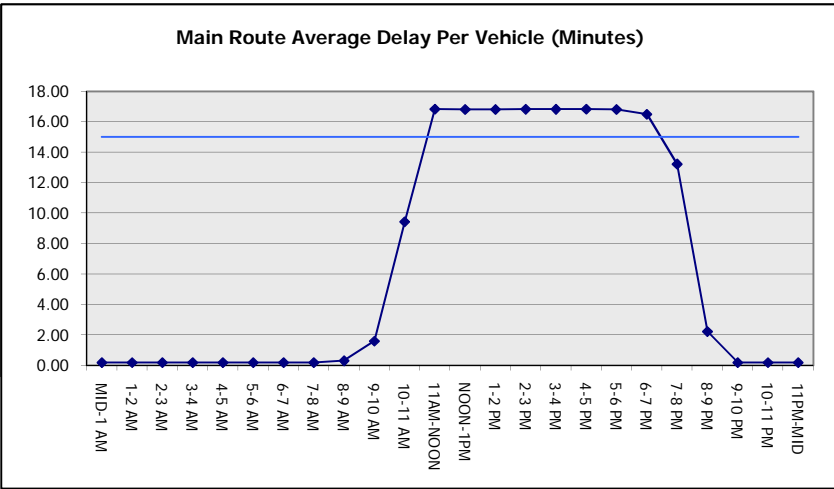
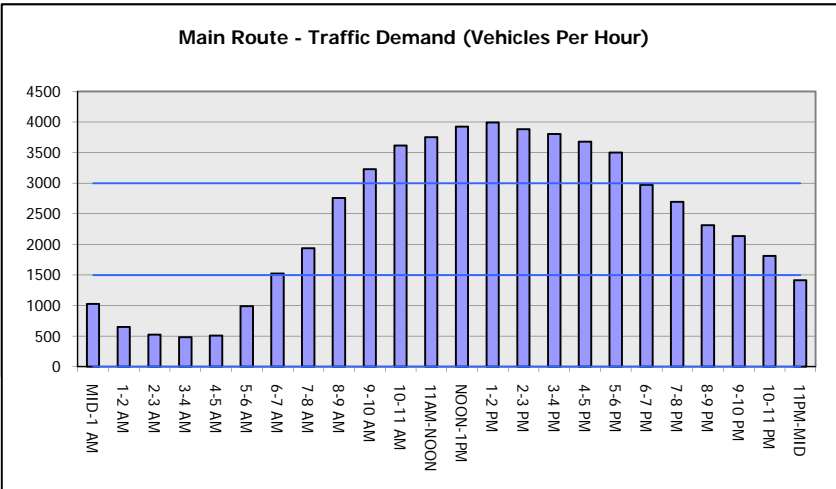
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0091
MAIN ROUTE WITH WORKS	0.0026
'DIVERSION'	0.0020
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$162,944
CONGESTED HOURS PER DAY*	9

\*Delays Exceeding User-Specified Maximum

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**CONTINUOUS (24 HOUR) CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 Analyzed for 2009  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY WESTBOUND DIRECTION**



<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
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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	1110	0.0	3000	1110	0	0.18	0	70.2	57.9	49.7
1-2 AM	688	0.0	3000	688	0	0.18	0	70.2	57.9	49.7
2-3 AM	662	0.0	3000	662	0	0.18	0	70.2	57.9	49.7
3-4 AM	566	0.0	3000	566	0	0.18	0	70.2	57.9	49.7
4-5 AM	778	0.0	3000	778	0	0.18	0	70.2	57.9	49.7
5-6 AM	1305	0.0	3000	1305	0	0.18	0	70.2	57.9	49.7
6-7 AM	1399	0.0	3000	1399	0	0.18	0	70.2	57.9	49.7
7-8 AM	1661	0.0	3000	1661	0	0.18	0	70.0	57.8	49.7
8-9 AM	2303	0.0	2999	2303	0	0.19	0	69.2	56.6	48.4
9-10 AM	2914	0.0	2999	2914	0	0.43	5	68.4	45.9	38.6
10-11 AM	3313	0.0	3000	3313	0	2.72	152	67.9	18.1	36.9
11AM-NOON	3678	0.0	3000	3669	9	11.91+	653	67.0	9.2	36.9
NOON-1PM	3853	0.0	2999	2929	924	16.95+	915	65.8	8.3	36.9
1-2 PM	3698	0.0	2999	2987	711	16.83+	906	66.9	8.3	36.9
2-3 PM	3917	0.0	2999	2995	921	16.82+	909	65.4	8.3	36.9
3-4 PM	3790	0.0	3000	2997	793	16.82+	907	66.3	8.3	36.9
4-5 PM	3597	0.0	3000	2997	599	16.83+	905	67.6	8.3	36.9
5-6 PM	3289	0.0	3000	2997	292	16.78+	902	67.9	8.3	36.9
6-7 PM	2853	0.0	2999	2853	0	15.93+	854	68.5	8.4	36.9
7-8 PM	2532	0.0	2999	2532	0	9.95	537	68.9	9.7	37.2
8-9 PM	2422	0.0	2999	2422	0	0.79	72	69.1	36.8	45.3
9-10 PM	2531	0.0	3000	2531	0	0.23	0	68.9	54.5	45.5
10-11 PM	2008	0.0	3000	2008	0	0.18	0	69.6	57.6	49.7
11PM-MID	1511	0.0	3000	1511	0	0.18	0	70.2	57.9	49.7

+ 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	0.0090
MAIN ROUTE WITH WORKS	0.0026
'DIVERSION'	0.0016

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$141,548
CONGESTED HOURS PER DAY*	8

\*Delays Exceeding User-Specified Maximum

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**SATURDAY EASTBOUND DIRECTION**

