

<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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	964	0.0	1499	964	0	2.83	178	70.2	18.7	39.4	
1-2 AM	530	0.0	1500	530	0	0.22	0	70.2	55.8	46.8	
2-3 AM	539	0.0	1500	539	0	0.22	0	70.2	55.8	46.8	
3-4 AM	552	0.0	1500	552	0	0.22	0	70.2	55.7	46.7	
4-5 AM	812	0.0	1500	812	0	0.24	0	70.2	54.9	45.6	
5-6 AM	2168	0.0	1499	2099	69	6.27+	223	69.4	10.4	32.5	
6-7 AM	3904	0.0	1500	1389	2515	16.78+	429	65.5	5.4	34.8	
7-8 AM	4165	0.0	1500	1500	2665	17.02+	435	63.7	5.3	32.5	
8-9 AM	3895	0.0	1500	1500	2396	17.06+	435	65.6	5.3	32.5	
9-10 AM	3632	0.0	1499	1489	2143	17.07+	434	67.4	5.3	32.5	
10-11 AM	3828	0.0	1499	1500	2328	17.07+	435	66.0	5.3	32.5	
11AM-NOON	3914	0.0	1500	1500	2414	17.06+	435	65.4	5.3	32.5	
NOON-1PM	4055	0.0	1500	1500	2555	17.04+	435	64.5	5.3	32.5	
1-2 PM	4274	0.0	1500	1500	2774	17.00+	435	63.0	5.3	32.5	
2-3 PM	4444	0.0	1500	1500	2944	16.97+	435	61.8	5.3	32.5	
3-4 PM	4494	0.0	1500	1500	2994	16.96+	435	61.5	5.3	32.5	
4-5 PM	4129	0.0	1500	1500	2629	17.03+	435	64.0	5.3	32.5	
5-6 PM	4312	0.0	1500	1500	2812	16.99+	435	62.7	5.3	32.5	
6-7 PM	4098	0.0	1500	1500	2598	17.03+	435	64.1	5.3	32.5	
7-8 PM	3561	0.0	1500	1489	2071	17.07+	434	67.6	5.3	32.5	
8-9 PM	2824	0.0	1499	1470	1353	16.81+	427	68.6	5.4	32.5	
9-10 PM	2499	0.0	1499	1496	1004	16.60+	421	68.9	5.5	32.5	
10-11 PM	2100	0.0	1499	1499	601	16.57+	420	69.4	5.5	32.5	
11PM-MID	1601	0.0	1499	1469	132	16.42+	416	70.0	5.5	32.5	

+ 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

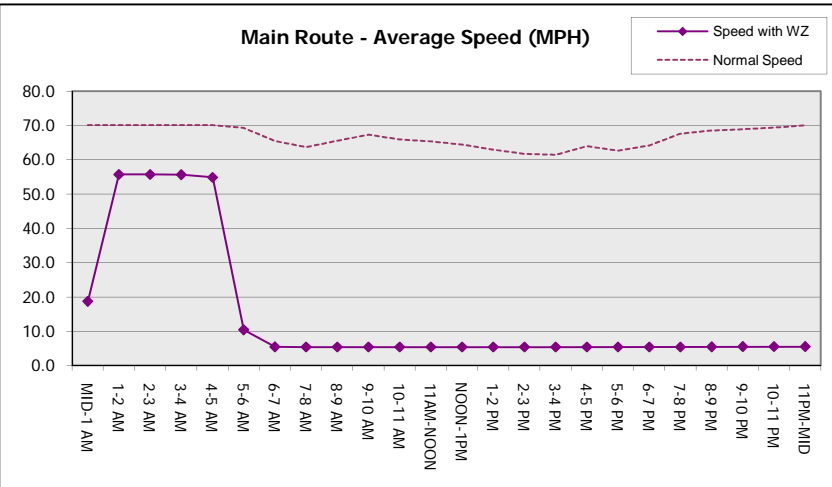
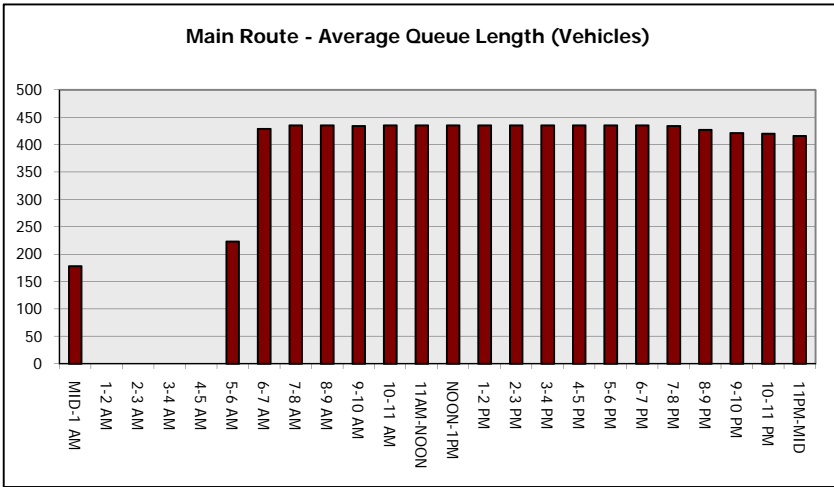
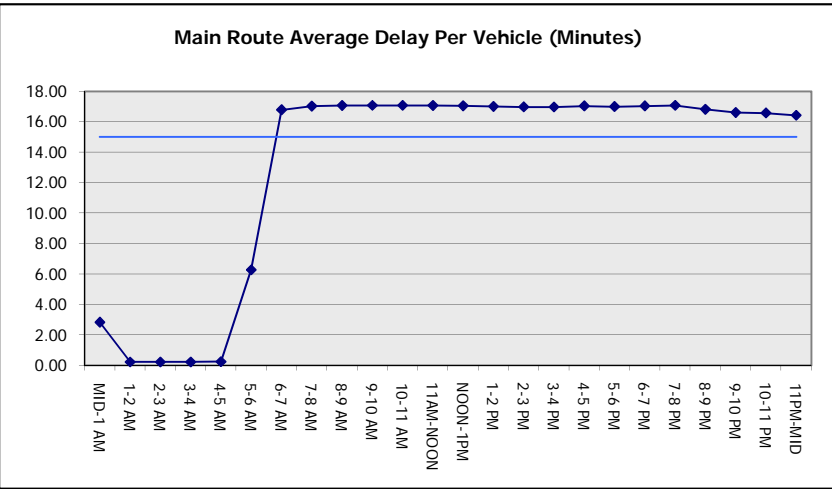
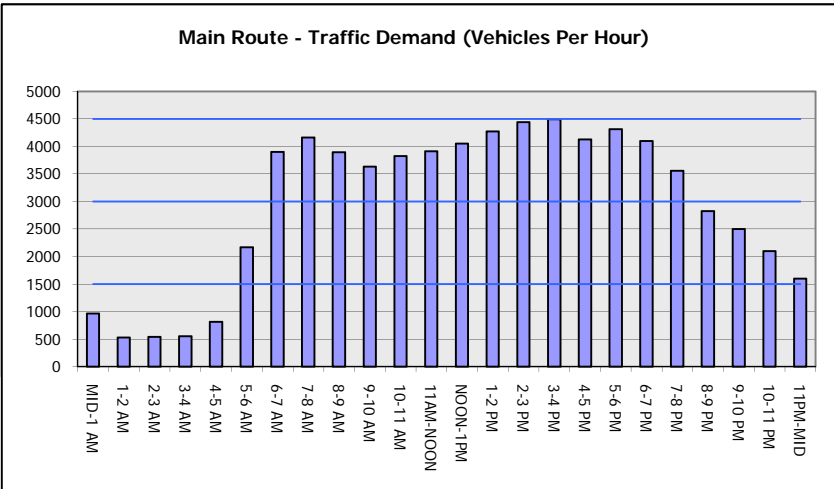
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0114
MAIN ROUTE WITH WORKS	0.0016
'DIVERSION'	0.0144
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$254,826
CONGESTED HOURS PER DAY*	19

\*Delays Exceeding User-Specified Maximum

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**CONTINUOUS (24 HOUR) 2 LANE CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY WESTBOUND DIRECTION**



<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**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	786	0.0	1499	786	0	1.84	155	70.2	24.8	42.0	
1-2 AM	546	0.0	1500	546	0	0.22	0	70.2	55.8	46.7	
2-3 AM	562	0.0	1500	562	0	0.22	0	70.2	55.7	46.6	
3-4 AM	594	0.0	1500	594	0	0.22	0	70.2	55.6	46.5	
4-5 AM	1133	0.0	1499	1133	0	0.32	0	70.2	50.9	40.6	
5-6 AM	2403	0.0	1499	1851	552	10.47+	294	69.1	7.0	32.9	
6-7 AM	3254	0.0	1500	1542	1712	16.93+	430	68.0	5.4	32.4	
7-8 AM	3106	0.0	1500	1530	1576	16.96+	431	68.2	5.4	32.4	
8-9 AM	3253	0.0	1500	1505	1748	17.09+	434	68.0	5.3	32.5	
9-10 AM	3329	0.0	1500	1500	1829	17.12+	435	67.9	5.3	32.5	
10-11 AM	3350	0.0	1500	1500	1850	17.12+	435	67.9	5.3	32.5	
11AM-NOON	3567	0.0	1500	1500	2067	17.11+	435	67.6	5.3	32.5	
NOON-1PM	3931	0.0	1500	1500	2431	17.06+	435	65.3	5.3	32.5	
1-2 PM	4124	0.0	1500	1500	2624	17.03+	435	64.0	5.3	32.5	
2-3 PM	4472	0.0	1500	1500	2972	16.97+	435	61.6	5.3	32.5	
3-4 PM	4809	0.0	1500	1500	3309	16.90+	435	59.3	5.3	32.5	
4-5 PM	4845	0.0	1500	1500	3345	16.90+	435	59.1	5.3	32.5	
5-6 PM	4907	0.0	1500	1500	3407	16.88+	435	58.6	5.3	32.5	
6-7 PM	3823	0.0	1500	1500	2323	17.08+	435	66.0	5.3	32.5	
7-8 PM	3022	0.0	1500	1502	1520	16.94+	430	68.3	5.4	32.5	
8-9 PM	2571	0.0	1500	1497	1074	16.61+	421	68.9	5.5	32.5	
9-10 PM	2571	0.0	1499	1499	1072	16.59+	421	68.9	5.5	32.5	
10-11 PM	2558	0.0	1499	1498	1060	16.61+	421	68.9	5.5	32.5	
11PM-MID	1852	0.0	1500	1500	352	16.56+	419	69.7	5.5	32.5	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0110
MAIN ROUTE WITH WORKS	0.0016
'DIVERSION'	0.0136

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$247,807
CONGESTED HOURS PER DAY*	19

\*Delays Exceeding User-Specified Maximum

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**FRIDAY EASTBOUND DIRECTION**

