

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	3000	964	0	0.18	0	70.2	57.9	49.7
1-2 AM	530	0.0	3000	530	0	0.18	0	70.2	57.9	49.7
2-3 AM	539	0.0	3000	539	0	0.18	0	70.2	57.9	49.7
3-4 AM	552	0.0	3000	552	0	0.18	0	70.2	57.9	49.7
4-5 AM	812	0.0	3000	812	0	0.18	0	70.2	57.9	49.7
5-6 AM	2168	0.0	2999	2168	0	0.21	0	69.4	55.9	47.3
6-7 AM	3904	0.0	2999	3904	0	6.24	389	65.5	12.2	36.9
7-8 AM	4165	0.0	2999	3015	1150	16.90+	917	63.7	8.2	36.9
8-9 AM	3895	0.0	3000	2994	901	16.82+	909	65.6	8.3	36.9
9-10 AM	3632	0.0	2999	2996	636	16.83+	906	67.4	8.3	36.9
10-11 AM	3828	0.0	2999	2999	829	16.82+	908	66.0	8.3	36.9
11AM-NOON	3914	0.0	3000	3000	913	16.82+	909	65.4	8.3	36.9
NOON-1PM	4055	0.0	3000	3002	1052	16.81+	911	64.5	8.3	36.9
1-2 PM	4274	0.0	3000	3029	1245	17.10+	930	63.0	8.2	36.9
2-3 PM	4444	0.0	3000	3021	1423	17.48+	954	61.8	8.1	36.9
3-4 PM	4494	0.0	3000	2997	1497	17.66+	964	61.5	8.1	36.9
4-5 PM	4129	0.0	3000	2953	1175	16.97+	921	64.0	8.2	36.9
5-6 PM	4312	0.0	2999	3027	1286	17.18+	935	62.7	8.2	36.9
6-7 PM	4098	0.0	3000	2980	1118	16.94+	918	64.1	8.2	36.9
7-8 PM	3561	0.0	3000	2993	568	16.82+	905	67.6	8.3	36.9
8-9 PM	2824	0.0	2999	2813	11	15.78+	847	68.6	8.4	36.9
9-10 PM	2499	0.0	2999	2499	0	9.10	496	68.9	10.1	38.0
10-11 PM	2100	0.0	3000	2100	0	0.41	31	69.4	47.3	49.4
11PM-MID	1601	0.0	3000	1601	0	0.18	0	70.0	57.8	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

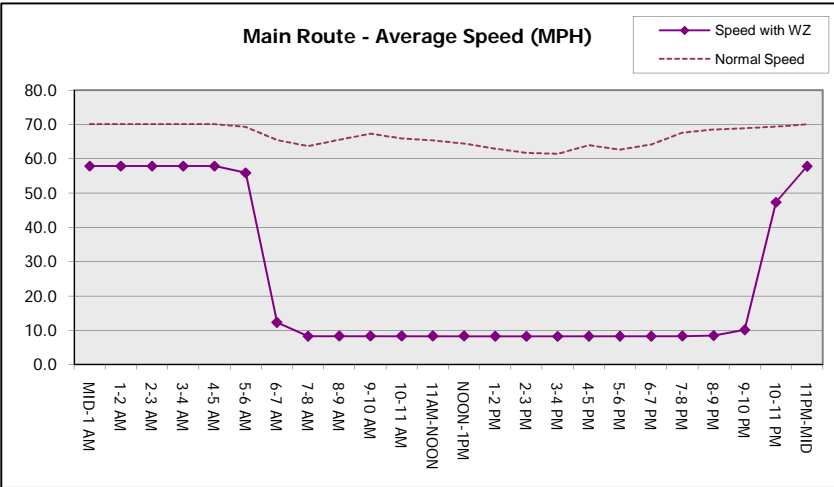
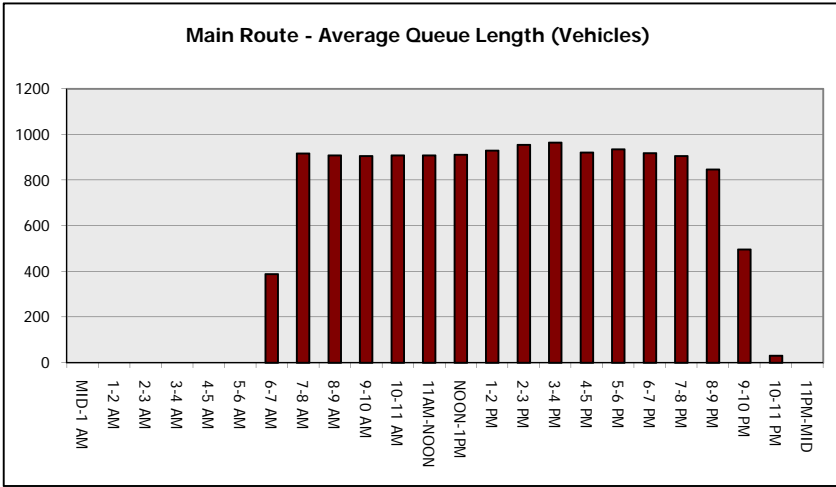
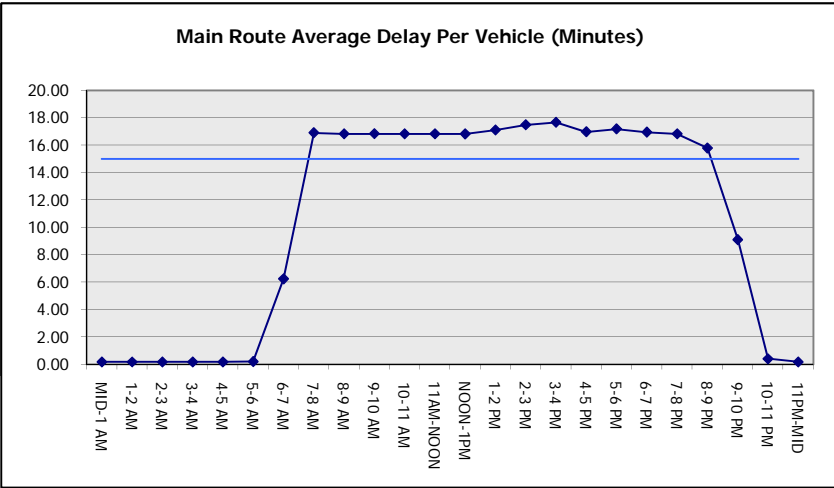
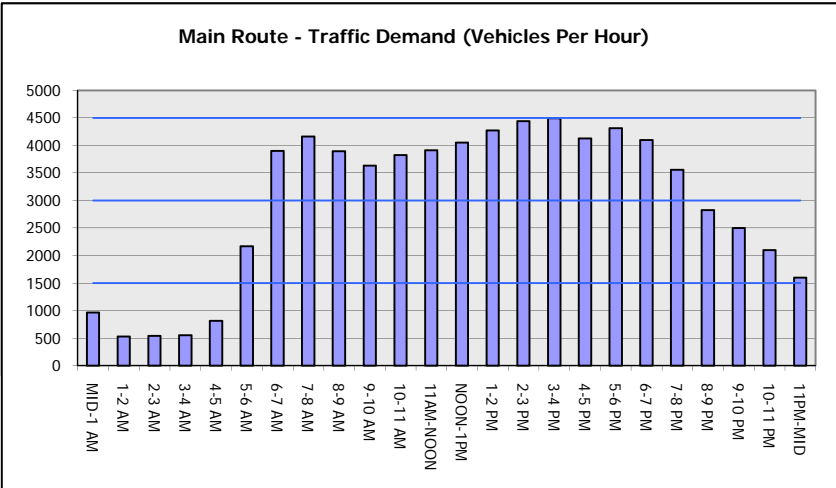
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0114
MAIN ROUTE WITH WORKS	0.0029
'DIVERSION'	0.0051
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$226,346
CONGESTED HOURS PER DAY*	14

*Delays Exceeding User-Specified Maximum

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AUGUST
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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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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	786	0.0	3000	786	0	0.18	0	70.2	57.9	49.7
1-2 AM	546	0.0	3000	546	0	0.18	0	70.2	57.9	49.7
2-3 AM	562	0.0	3000	562	0	0.18	0	70.2	57.9	49.7
3-4 AM	594	0.0	3000	594	0	0.18	0	70.2	57.9	49.7
4-5 AM	1133	0.0	3000	1133	0	0.18	0	70.2	57.9	49.7
5-6 AM	2403	0.0	2999	2403	0	0.22	0	69.1	54.9	46.1
6-7 AM	3254	0.0	2999	3254	0	1.89	105	68.0	22.5	36.9
7-8 AM	3106	0.0	2999	3106	0	5.94	306	68.2	11.7	36.9
8-9 AM	3253	0.0	3000	3253	0	9.02	479	68.0	9.9	36.9
9-10 AM	3329	0.0	3000	3327	3	14.38+	773	67.9	8.6	36.9
10-11 AM	3350	0.0	2999	2980	369	16.79+	903	67.9	8.3	36.9
11AM-NOON	3567	0.0	2999	2992	574	16.82+	905	67.6	8.3	36.9
NOON-1PM	3931	0.0	2999	2999	933	16.82+	909	65.3	8.3	36.9
1-2 PM	4124	0.0	2999	3013	1111	16.87+	915	64.0	8.3	36.9
2-3 PM	4472	0.0	3000	3051	1421	17.47+	954	61.6	8.1	36.9
3-4 PM	4809	0.0	2999	3012	1797	18.08+	993	59.3	8.1	36.9
4-5 PM	4845	0.0	3000	3000	1845	18.10+	995	59.1	8.1	36.9
5-6 PM	4907	0.0	3000	3001	1906	18.08+	995	58.6	8.1	36.9
6-7 PM	3823	0.0	3000	2930	893	17.00+	918	66.0	8.2	36.9
7-8 PM	3022	0.0	3000	2928	94	16.56+	889	68.3	8.3	36.9
8-9 PM	2571	0.0	2999	2571	0	11.98+	644	68.9	9.1	36.9
9-10 PM	2571	0.0	3000	2571	0	3.16	202	68.9	17.2	39.5
10-11 PM	2558	0.0	3000	2558	0	0.24	0	68.9	54.0	44.9
11PM-MID	1852	0.0	3000	1852	0	0.18	0	69.7	57.8	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	0.0110
MAIN ROUTE WITH WORKS	0.0030
'DIVERSION'	0.0040

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$194,073
CONGESTED HOURS PER DAY*	12

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

