

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

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	690	0.0	3000	690	0	0.18	0	70.2	57.9	49.7	
1-2 AM	394	0.0	3000	394	0	0.18	0	70.2	57.9	49.7	
2-3 AM	366	0.0	3000	366	0	0.18	0	70.2	57.9	49.7	
3-4 AM	456	0.0	3000	456	0	0.18	0	70.2	57.9	49.7	
4-5 AM	699	0.0	3000	699	0	0.18	0	70.2	57.9	49.7	
5-6 AM	2056	0.0	2999	2056	0	0.19	0	69.5	56.8	48.4	
6-7 AM	3929	0.0	2999	3929	0	6.14	388	65.3	12.4	36.9	
7-8 AM	4479	0.0	2999	3027	1452	17.55+	958	61.5	8.1	36.9	
8-9 AM	3612	0.0	3000	2972	640	16.83+	906	67.5	8.3	36.9	
9-10 AM	2781	0.0	2999	2766	16	15.40+	826	68.6	8.4	36.9	
10-11 AM	2936	0.0	3000	2936	0	12.32	656	68.4	8.9	36.9	
11AM-NOON	2946	0.0	2999	2946	0	11.27	598	68.4	9.2	36.9	
NOON-1PM	3067	0.0	3000	3067	0	11.35	603	68.2	9.2	36.9	
1-2 PM	3124	0.0	2999	3124	0	12.84+	685	68.2	8.9	36.9	
2-3 PM	3666	0.0	2999	3137	529	16.51+	889	67.1	8.3	36.9	
3-4 PM	3948	0.0	3000	3004	944	16.82+	909	65.2	8.3	36.9	
4-5 PM	3744	0.0	3000	3000	744	16.82+	907	66.6	8.3	36.9	
5-6 PM	3726	0.0	2999	3000	727	16.82+	907	66.7	8.3	36.9	
6-7 PM	2886	0.0	3000	2856	31	16.13+	866	68.4	8.3	36.9	
7-8 PM	2375	0.0	2999	2375	0	8.49	477	69.1	10.5	39.6	
8-9 PM	2005	0.0	3000	2005	0	0.26	9	69.6	53.3	49.7	
9-10 PM	1982	0.0	3000	1982	0	0.18	0	69.6	57.7	49.7	
10-11 PM	1513	0.0	3000	1513	0	0.18	0	70.2	57.9	49.7	
11PM-MID	1058	0.0	3000	1058	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

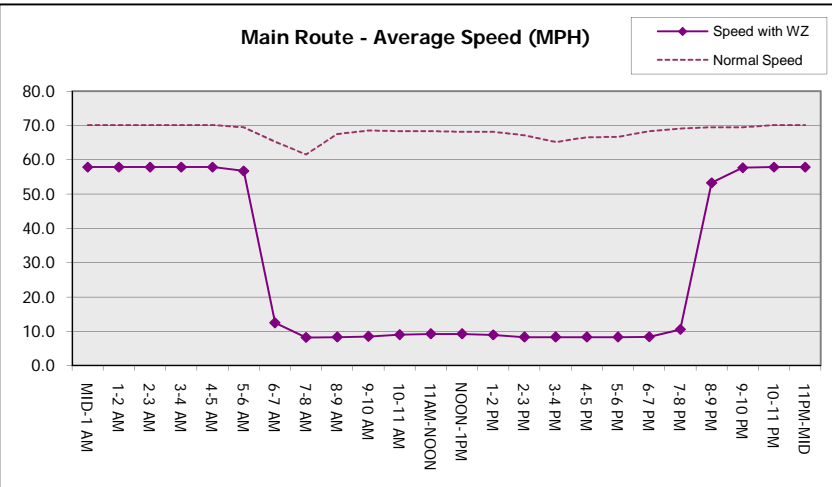
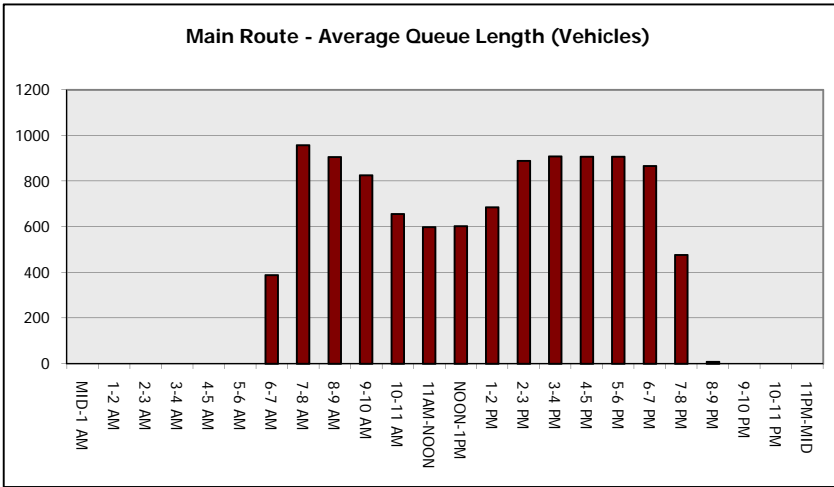
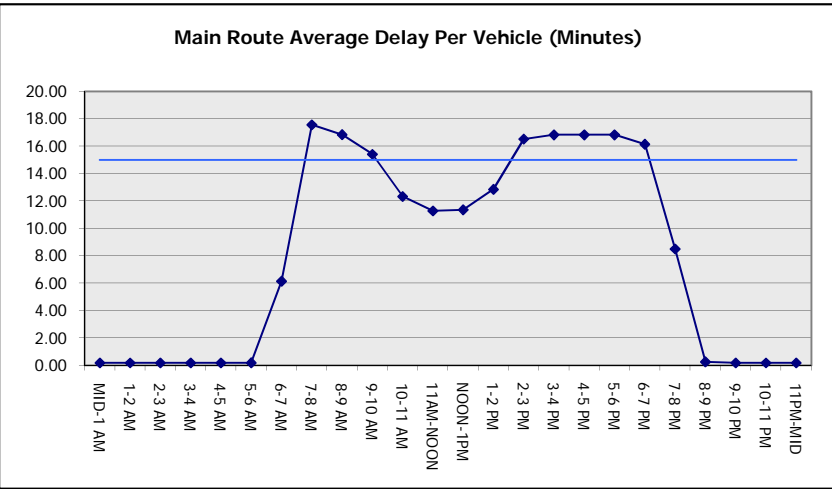
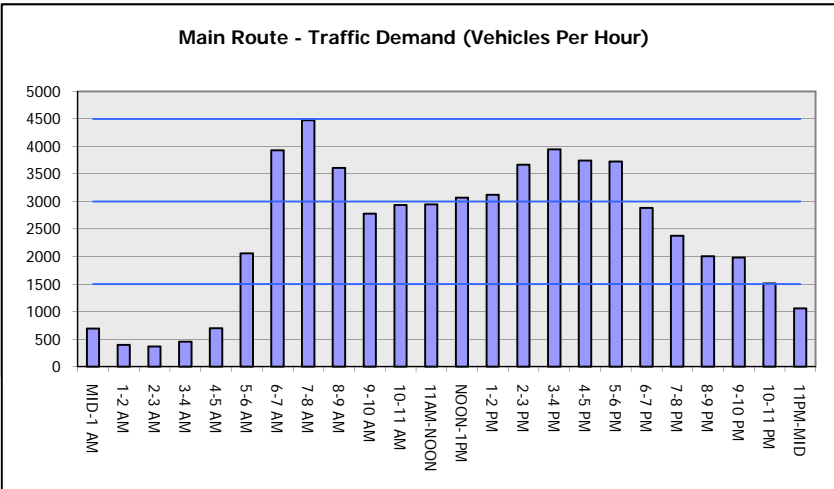
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0093
MAIN ROUTE WITH WORKS	0.0027
'DIVERSION'	0.0019
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$147,974
CONGESTED HOURS PER DAY*	9

*Delays Exceeding User-Specified Maximum

**IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)
 CONTINUOUS (24 HOUR) CLOSURE
 NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	603	0.0	3000	603	0	0.18	0	70.2	57.9	49.7
1-2 AM	417	0.0	3000	417	0	0.18	0	70.2	57.9	49.7
2-3 AM	420	0.0	3000	420	0	0.18	0	70.2	57.9	49.7
3-4 AM	541	0.0	3000	541	0	0.18	0	70.2	57.9	49.7
4-5 AM	1059	0.0	3000	1059	0	0.18	0	70.2	57.9	49.7
5-6 AM	2420	0.0	2999	2420	0	0.24	0	69.1	54.3	45.4
6-7 AM	3668	0.0	2999	3668	0	4.91	298	67.1	13.5	36.9
7-8 AM	3556	0.0	2999	3263	292	16.00+	861	67.6	8.4	36.9
8-9 AM	3206	0.0	2999	2970	236	16.74+	900	68.1	8.3	36.9
9-10 AM	2752	0.0	2999	2752	0	14.71+	789	68.6	8.6	36.9
10-11 AM	2820	0.0	3000	2820	0	10.43	553	68.6	9.4	36.9
11AM-NOON	3039	0.0	3000	3039	0	9.04	476	68.2	9.9	36.9
NOON-1PM	3311	0.0	3000	3311	0	12.18+	652	67.9	9.0	36.9
1-2 PM	3473	0.0	2999	3070	403	16.66+	896	67.8	8.3	36.9
2-3 PM	4099	0.0	3000	3033	1066	16.87+	914	64.1	8.3	36.9
3-4 PM	4333	0.0	3000	3028	1305	17.22+	938	62.5	8.2	36.9
4-5 PM	4743	0.0	3000	3038	1706	17.98+	987	59.7	8.1	36.9
5-6 PM	4916	0.0	3000	3001	1916	18.07+	995	58.6	8.1	36.9
6-7 PM	3477	0.0	3000	2902	575	16.81+	904	67.7	8.3	36.9
7-8 PM	2572	0.0	2999	2572	0	13.35+	718	68.9	8.8	36.9
8-9 PM	2228	0.0	2999	2228	0	1.23	151	69.2	31.4	46.0
9-10 PM	2059	0.0	3000	2059	0	0.18	0	69.5	57.6	49.7
10-11 PM	1615	0.0	3000	1615	0	0.18	0	70.0	57.8	49.7
11PM-MID	1035	0.0	3000	1035	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	0.0099
MAIN ROUTE WITH WORKS	0.0028
'DIVERSION'	0.0028

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$162,806
CONGESTED HOURS PER DAY*	11

*Delays Exceeding User-Specified Maximum

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

MON-THUR EASTBOUND DIRECTION

