

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	967	0.0	OFF	967	0	0.00	0	70.2	70.2	70.2	
1-2 AM	559	0.0	OFF	559	0	0.00	0	70.2	70.2	70.2	
2-3 AM	413	0.0	OFF	413	0	0.00	0	70.2	70.2	70.2	
3-4 AM	284	0.0	OFF	284	0	0.00	0	70.2	70.2	70.2	
4-5 AM	288	0.0	OFF	288	0	0.00	0	70.2	70.2	70.2	
5-6 AM	452	0.0	OFF	452	0	0.00	0	70.2	70.2	70.2	
6-7 AM	775	0.0	OFF	775	0	0.00	0	70.2	70.2	70.2	
7-8 AM	1002	0.0	OFF	1002	0	0.00	0	70.2	70.2	70.2	
8-9 AM	1493	0.0	OFF	1493	0	0.00	0	70.2	70.2	70.2	
9-10 AM	2030	0.0	3000	2030	0	0.18	0	69.5	57.6	49.7	
10-11 AM	2648	0.0	2999	2648	0	0.27	0	68.7	52.7	43.2	
11AM-NOON	3233	0.0	2999	3233	0	1.62	89	68.0	24.5	36.9	
NOON-1PM	3531	0.0	3000	3531	0	9.08	495	67.6	10.1	36.9	
1-2 PM	3339	0.0	2999	3162	177	16.34+	878	67.9	8.3	36.9	
2-3 PM	3202	0.0	2999	2983	220	16.75+	900	68.1	8.3	36.9	
3-4 PM	3540	0.0	2999	2998	542	16.82+	904	67.6	8.3	36.9	
4-5 PM	3495	0.0	3000	2999	496	16.81+	904	67.7	8.3	36.9	
5-6 PM	3281	0.0	3000	2998	283	16.77+	902	67.9	8.3	36.9	
6-7 PM	2941	0.0	2999	2930	11	16.41+	881	68.4	8.3	36.9	
7-8 PM	2737	0.0	OFF	2737	0	1.08	106	68.6	30.7	30.7	
8-9 PM	2287	0.0	OFF	2287	0	0.00	0	69.2	69.2	69.2	
9-10 PM	2039	0.0	OFF	2039	0	0.00	0	69.5	69.5	69.5	
10-11 PM	1517	0.0	OFF	1517	0	0.00	0	70.2	70.2	70.2	
11PM-MID	921	0.0	OFF	921	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 (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

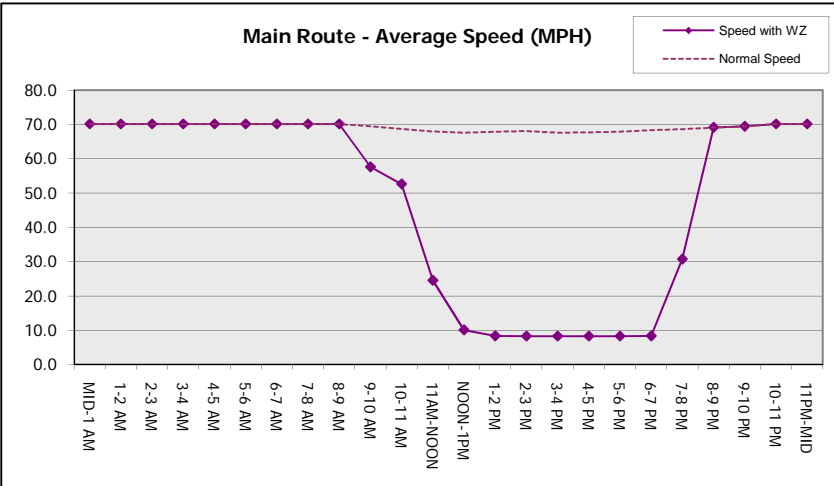
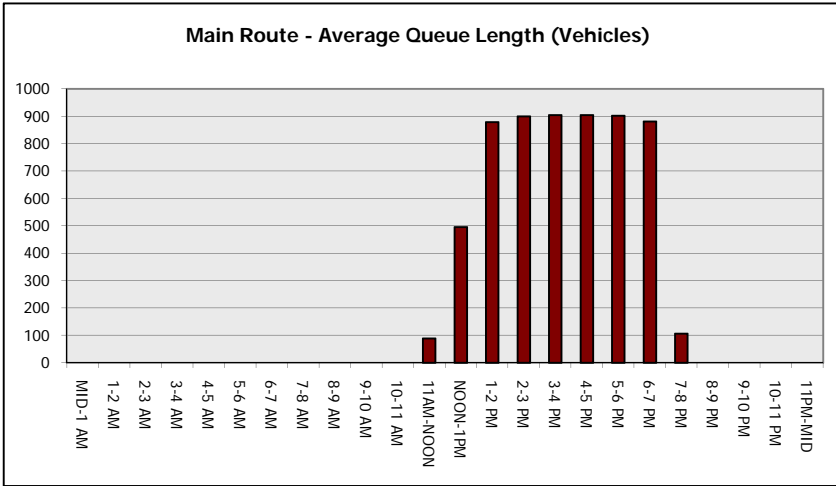
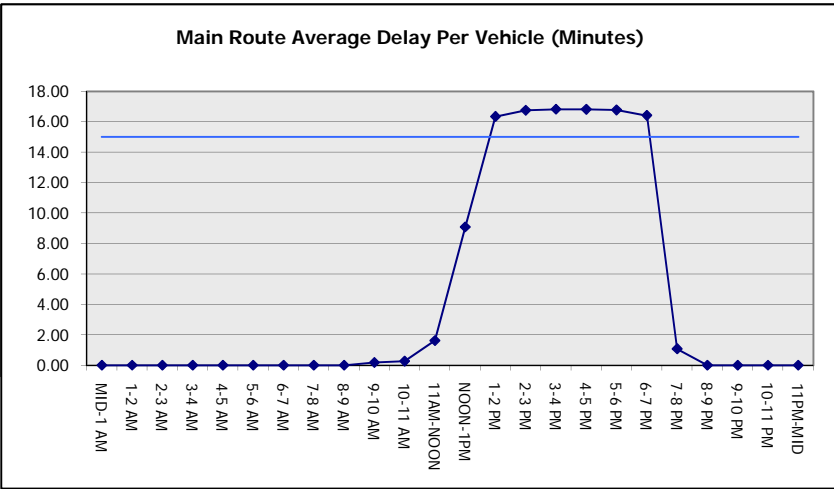
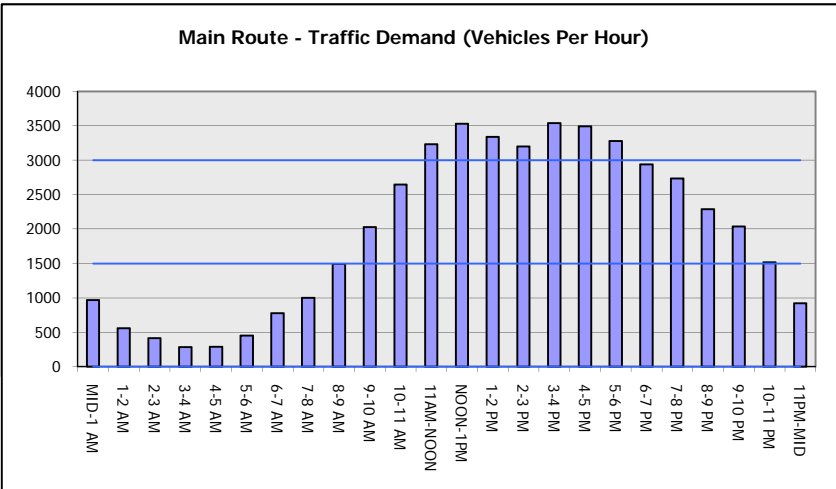
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0075
MAIN ROUTE WITH WORKS	0.0040
'DIVERSION'	0.0006
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$101,543
CONGESTED HOURS PER DAY*	6

*Delays Exceeding User-Specified Maximum

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)
OFF-PEAK DAY CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)

MAY
 Analyzed for 2009
 Construction Season

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 CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

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	867	0.0	OFF	867	0	0.00	0	70.2	70.2	70.2
1-2 AM	618	0.0	OFF	618	0	0.00	0	70.2	70.2	70.2
2-3 AM	630	0.0	OFF	630	0	0.00	0	70.2	70.2	70.2
3-4 AM	449	0.0	OFF	449	0	0.00	0	70.2	70.2	70.2
4-5 AM	429	0.0	OFF	429	0	0.00	0	70.2	70.2	70.2
5-6 AM	682	0.0	OFF	682	0	0.00	0	70.2	70.2	70.2
6-7 AM	935	0.0	OFF	935	0	0.00	0	70.2	70.2	70.2
7-8 AM	1162	0.0	OFF	1162	0	0.00	0	70.2	70.2	70.2
8-9 AM	1638	0.0	OFF	1638	0	0.00	0	70.0	70.0	70.0
9-10 AM	2424	0.0	2999	2424	0	0.21	0	69.1	55.5	46.9
10-11 AM	2948	0.0	2999	2948	0	0.50	9	68.4	43.5	38.3
11AM-NOON	3469	0.0	3000	3469	0	4.26	244	67.8	14.2	36.9
NOON-1PM	3879	0.0	3000	3407	471	14.95+	811	65.6	8.5	36.9
1-2 PM	3923	0.0	2999	2996	927	16.82+	909	65.3	8.3	36.9
2-3 PM	3981	0.0	2999	2999	982	16.81+	910	65.0	8.3	36.9
3-4 PM	3938	0.0	3000	2999	939	16.82+	909	65.3	8.3	36.9
4-5 PM	4059	0.0	3000	3001	1058	16.81+	911	64.5	8.3	36.9
5-6 PM	3607	0.0	3000	2997	610	16.83+	905	67.5	8.3	36.9
6-7 PM	3129	0.0	3000	2989	141	16.74+	899	68.1	8.3	36.9
7-8 PM	2729	0.0	OFF	2729	0	1.25	122	68.6	28.3	28.3
8-9 PM	2332	0.0	OFF	2332	0	0.00	0	69.1	69.1	69.1
9-10 PM	1852	0.0	OFF	1852	0	0.00	0	69.7	69.7	69.7
10-11 PM	1396	0.0	OFF	1396	0	0.00	0	70.2	70.2	70.2
11PM-MID	854	0.0	OFF	854	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 (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	0.0083
MAIN ROUTE WITH WORKS	0.0042
'DIVERSION'	0.0019

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$125,490
CONGESTED HOURS PER DAY*	7

*Delays Exceeding User-Specified Maximum

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)
OFF-PEAK DAY CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

