

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 2 LANE 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	1500	967	0	0.25	0	70.2	54.4	45.0	
1-2 AM	559	0.0	1500	559	0	0.22	0	70.2	55.7	46.6	
2-3 AM	413	0.0	1500	413	0	0.21	0	70.2	56.2	47.3	
3-4 AM	284	0.0	1500	284	0	0.20	0	70.2	56.6	47.9	
4-5 AM	288	0.0	1500	288	0	0.21	0	70.2	56.6	47.9	
5-6 AM	452	0.0	1500	452	0	0.22	0	70.2	56.1	47.1	
6-7 AM	775	0.0	1500	775	0	0.24	0	70.2	55.0	45.7	
7-8 AM	1002	0.0	1499	1002	0	0.25	0	70.2	54.3	44.8	
8-9 AM	1493	0.0	1499	1493	0	0.84	15	70.2	35.4	34.2	
9-10 AM	2030	0.0	1500	1912	118	9.62+	269	69.5	7.4	32.4	
10-11 AM	2648	0.0	1500	1472	1176	16.74+	425	68.7	5.4	32.5	
11AM-NOON	3233	0.0	1499	1494	1740	17.08+	434	68.0	5.4	32.5	
NOON-1PM	3531	0.0	1500	1500	2031	17.11+	435	67.6	5.3	32.5	
1-2 PM	3339	0.0	1500	1500	1839	17.12+	435	67.9	5.3	32.5	
2-3 PM	3202	0.0	1499	1498	1705	17.10+	434	68.1	5.3	32.5	
3-4 PM	3540	0.0	1499	1500	2040	17.11+	435	67.6	5.3	32.5	
4-5 PM	3495	0.0	1500	1500	1995	17.11+	435	67.7	5.3	32.5	
5-6 PM	3281	0.0	1500	1500	1781	17.11+	435	67.9	5.3	32.5	
6-7 PM	2941	0.0	1500	1494	1447	16.87+	428	68.4	5.4	32.5	
7-8 PM	2737	0.0	1499	1495	1242	16.70+	424	68.6	5.4	32.5	
8-9 PM	2287	0.0	1500	1499	788	16.58+	420	69.2	5.5	32.5	
9-10 PM	2039	0.0	1500	1499	540	16.56+	420	69.5	5.5	32.5	
10-11 PM	1517	0.0	1500	1439	79	16.03+	406	70.2	5.5	32.5	
11PM-MID	921	0.0	1499	921	0	1.68	126	70.2	25.5	41.7	

+ 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

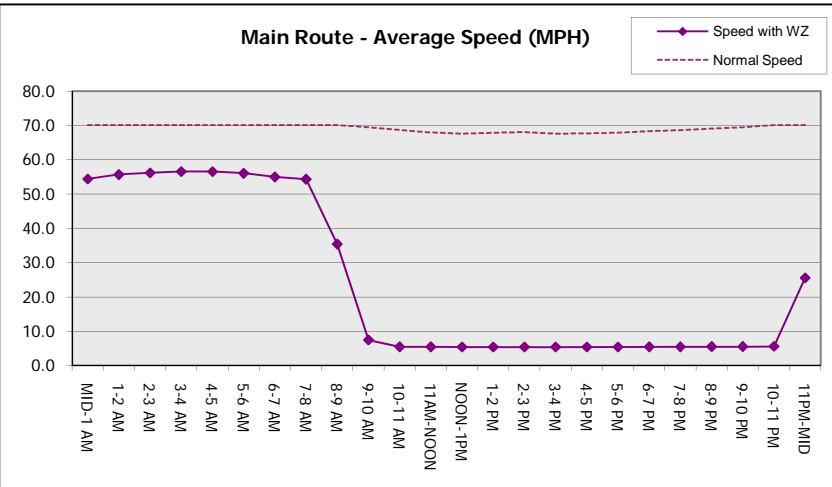
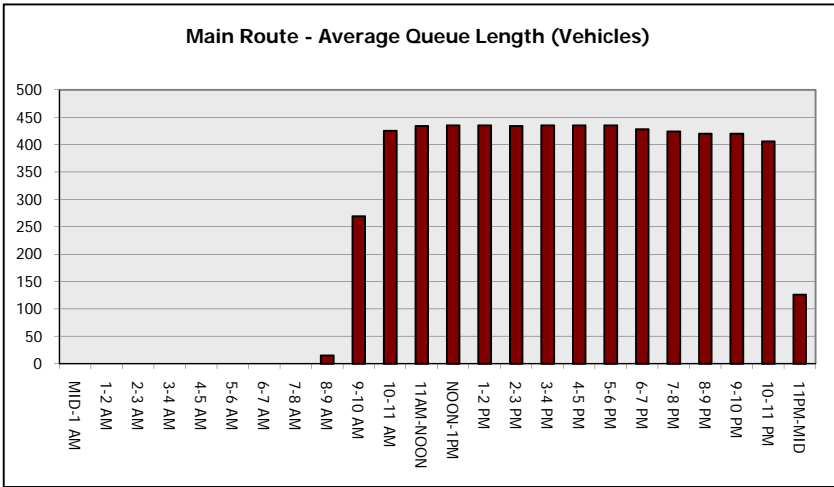
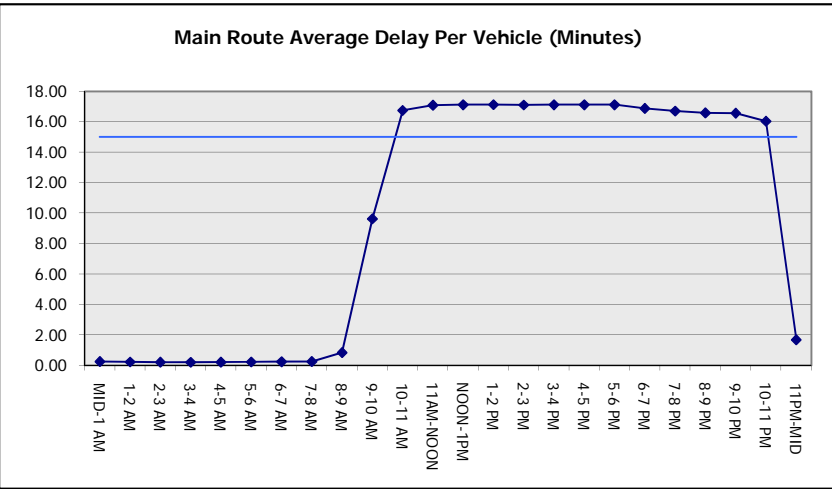
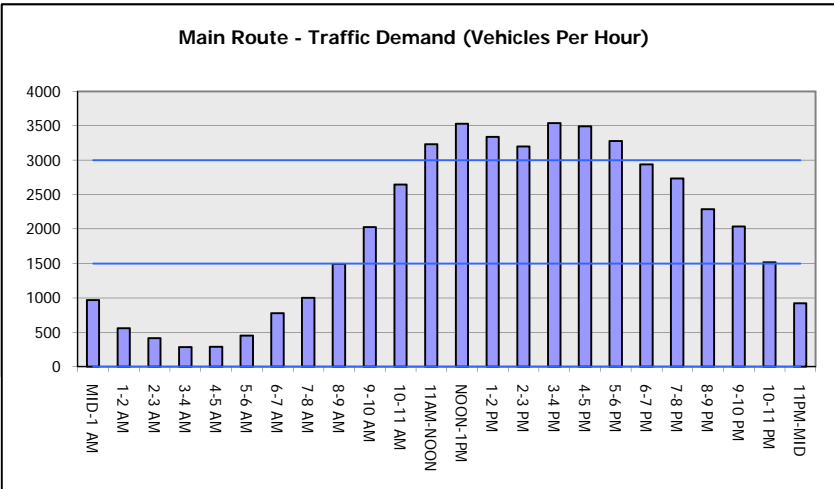
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0075
MAIN ROUTE WITH WORKS	0.0014
'DIVERSION'	0.0068
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$184,792
CONGESTED HOURS PER DAY*	14

*Delays Exceeding User-Specified Maximum

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)
CONTINUOUS (24 HOUR) 2 LANE 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) CONTINUOUS (24 HOUR) 2 LANE 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	1500	867	0	0.24	0	70.2	54.7	45.3
1-2 AM	618	0.0	1500	618	0	0.23	0	70.2	55.5	46.4
2-3 AM	630	0.0	1500	630	0	0.23	0	70.2	55.5	46.3
3-4 AM	449	0.0	1500	449	0	0.22	0	70.2	56.1	47.1
4-5 AM	429	0.0	1500	429	0	0.21	0	70.2	56.1	47.3
5-6 AM	682	0.0	1500	682	0	0.23	0	70.2	55.3	46.1
6-7 AM	935	0.0	1500	935	0	0.25	0	70.2	54.5	45.1
7-8 AM	1162	0.0	1499	1162	0	0.30	0	70.2	52.0	41.9
8-9 AM	1638	0.0	1499	1638	0	1.19	36	70.0	29.3	32.7
9-10 AM	2424	0.0	1500	1852	573	14.78+	383	69.1	5.8	32.5
10-11 AM	2948	0.0	1499	1452	1497	16.95+	431	68.4	5.4	32.5
11AM-NOON	3469	0.0	1499	1499	1970	17.11+	435	67.8	5.3	32.5
NOON-1PM	3879	0.0	1500	1500	2379	17.07+	435	65.6	5.3	32.5
1-2 PM	3923	0.0	1500	1500	2423	17.06+	435	65.3	5.3	32.5
2-3 PM	3981	0.0	1500	1500	2481	17.05+	435	65.0	5.3	32.5
3-4 PM	3938	0.0	1500	1500	2438	17.06+	435	65.3	5.3	32.5
4-5 PM	4059	0.0	1500	1500	2559	17.04+	435	64.5	5.3	32.5
5-6 PM	3607	0.0	1500	1500	2107	17.11+	435	67.5	5.3	32.5
6-7 PM	3129	0.0	1499	1487	1642	17.01+	432	68.1	5.4	32.5
7-8 PM	2729	0.0	1499	1491	1238	16.70+	424	68.6	5.4	32.5
8-9 PM	2332	0.0	1499	1499	832	16.58+	420	69.1	5.5	32.5
9-10 PM	1852	0.0	1500	1499	353	16.56+	419	69.7	5.5	32.5
10-11 PM	1396	0.0	1499	1376	20	15.31+	388	70.2	5.7	32.5
11PM-MID	854	0.0	1499	854	0	1.05	78	70.2	32.4	44.2

+ 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	0.0015
'DIVERSION'	0.0083

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$205,652
CONGESTED HOURS PER DAY*	14

*Delays Exceeding User-Specified Maximum

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)
CONTINUOUS (24 HOUR) 2 LANE CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

