

<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	3000	967	0	0.18	0	70.2	57.9	49.7	
1-2 AM	559	0.0	3000	559	0	0.18	0	70.2	57.9	49.7	
2-3 AM	413	0.0	3000	413	0	0.18	0	70.2	57.9	49.7	
3-4 AM	284	0.0	3000	284	0	0.18	0	70.2	57.9	49.7	
4-5 AM	288	0.0	3000	288	0	0.18	0	70.2	57.9	49.7	
5-6 AM	452	0.0	3000	452	0	0.18	0	70.2	57.9	49.7	
6-7 AM	775	0.0	3000	775	0	0.18	0	70.2	57.9	49.7	
7-8 AM	1002	0.0	3000	1002	0	0.18	0	70.2	57.9	49.7	
8-9 AM	1493	0.0	3000	1493	0	0.18	0	70.2	57.9	49.7	
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	2999	2737	0	13.48+	722	68.6	8.8	36.9	
8-9 PM	2287	0.0	2999	2287	0	2.50	248	69.2	21.8	43.9	
9-10 PM	2039	0.0	3000	2039	0	0.18	0	69.5	57.6	49.7	
10-11 PM	1517	0.0	3000	1517	0	0.18	0	70.2	57.9	49.7	
11PM-MID	921	0.0	3000	921	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

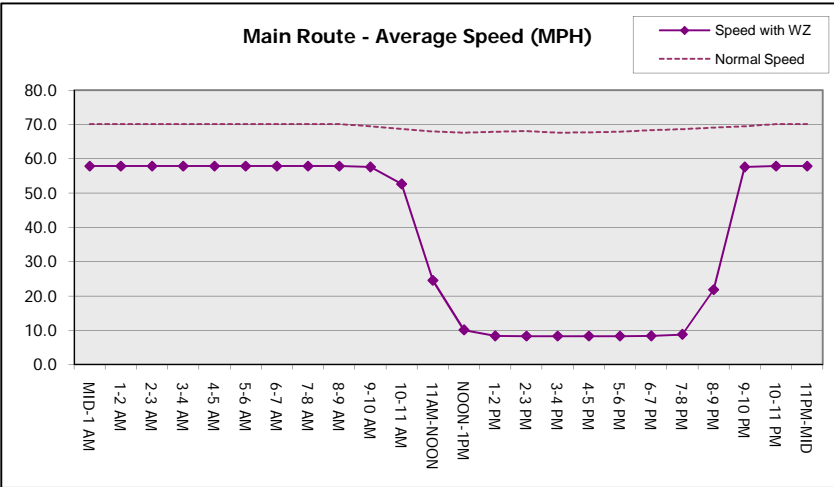
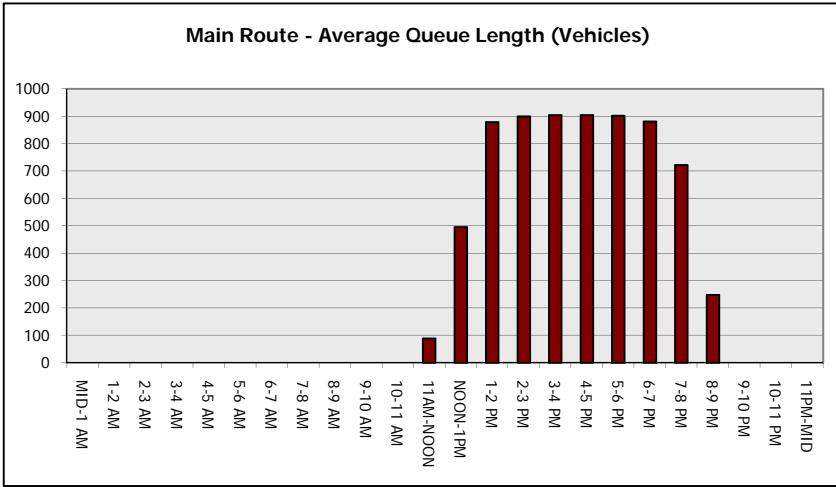
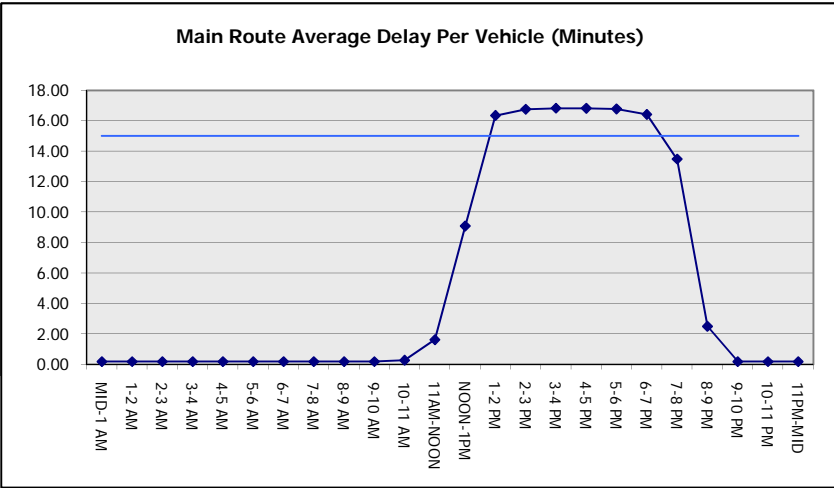
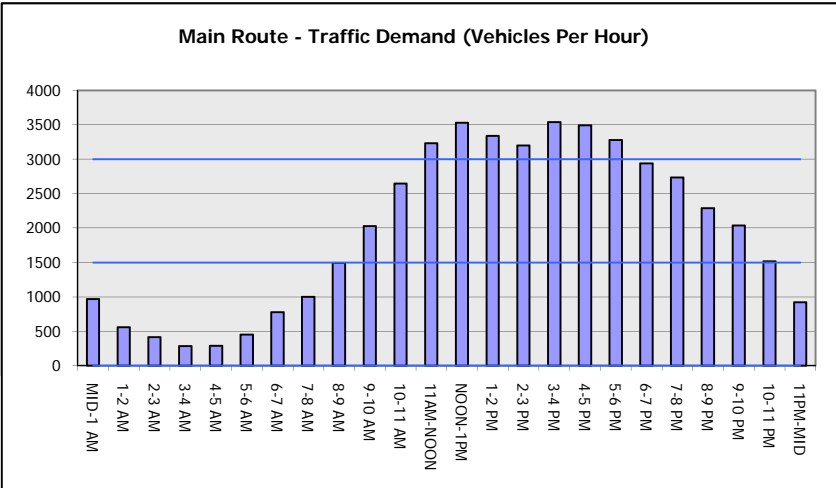
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0075
MAIN ROUTE WITH WORKS	0.0023
'DIVERSION'	0.0006
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$117,286
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding User-Specified Maximum

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

**MAY**  
Analyzed for 2009  
Construction Season

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



<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	3000	867	0	0.18	0	70.2	57.9	49.7
1-2 AM	618	0.0	3000	618	0	0.18	0	70.2	57.9	49.7
2-3 AM	630	0.0	3000	630	0	0.18	0	70.2	57.9	49.7
3-4 AM	449	0.0	3000	449	0	0.18	0	70.2	57.9	49.7
4-5 AM	429	0.0	3000	429	0	0.18	0	70.2	57.9	49.7
5-6 AM	682	0.0	3000	682	0	0.18	0	70.2	57.9	49.7
6-7 AM	935	0.0	3000	935	0	0.18	0	70.2	57.9	49.7
7-8 AM	1162	0.0	3000	1162	0	0.18	0	70.2	57.9	49.7
8-9 AM	1638	0.0	3000	1638	0	0.18	0	70.0	57.8	49.7
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	2999	2729	0	14.65+	786	68.6	8.6	36.9
8-9 PM	2332	0.0	2999	2332	0	4.35	320	69.1	15.4	41.9
9-10 PM	1852	0.0	3000	1852	0	0.18	0	69.7	57.8	49.7
10-11 PM	1396	0.0	3000	1396	0	0.18	0	70.2	57.9	49.7
11PM-MID	854	0.0	3000	854	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	0.0083
MAIN ROUTE WITH WORKS	0.0024
'DIVERSION'	0.0019

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$144,205
CONGESTED HOURS PER DAY*	8

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY EASTBOUND DIRECTION**

