

<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	851	0.0	1499	851	0	1.26	99	70.2	29.7	43.0
1-2 AM	505	0.0	1500	505	0	0.22	0	70.2	55.9	46.9
2-3 AM	488	0.0	1500	488	0	0.22	0	70.2	56.0	46.9
3-4 AM	545	0.0	1500	545	0	0.22	0	70.2	55.8	46.7
4-5 AM	799	0.0	1500	799	0	0.24	0	70.2	55.0	45.6
5-6 AM	2152	0.0	1499	2120	33	5.96+	220	69.4	10.8	32.5
6-7 AM	3958	0.0	1500	1319	2639	16.65+	427	65.1	5.5	35.6
7-8 AM	4533	0.0	1500	1500	3033	16.96+	435	61.2	5.3	32.5
8-9 AM	3862	0.0	1500	1500	2362	17.07+	435	65.8	5.3	32.5
9-10 AM	3299	0.0	1500	1498	1801	17.11+	435	67.9	5.3	32.5
10-11 AM	3208	0.0	1499	1498	1709	17.09+	434	68.1	5.3	32.5
11AM-NOON	3583	0.0	1500	1500	2083	17.11+	435	67.6	5.3	32.5
NOON-1PM	3706	0.0	1500	1500	2206	17.09+	435	66.8	5.3	32.5
1-2 PM	3864	0.0	1500	1500	2364	17.07+	435	65.8	5.3	32.5
2-3 PM	4263	0.0	1500	1500	2763	17.00+	435	63.0	5.3	32.5
3-4 PM	4433	0.0	1500	1500	2933	16.97+	435	61.9	5.3	32.5
4-5 PM	4042	0.0	1500	1500	2542	17.04+	435	64.5	5.3	32.5
5-6 PM	3943	0.0	1500	1500	2443	17.06+	435	65.2	5.3	32.5
6-7 PM	3806	0.0	1500	1500	2306	17.08+	435	66.1	5.3	32.5
7-8 PM	3254	0.0	1500	1498	1756	17.07+	434	68.0	5.4	32.5
8-9 PM	2663	0.0	1500	1494	1169	16.66+	423	68.7	5.4	32.5
9-10 PM	2535	0.0	1499	1498	1038	16.60+	421	68.9	5.5	32.5
10-11 PM	2018	0.0	1500	1499	518	16.56+	420	69.6	5.5	32.5
11PM-MID	1449	0.0	1500	1401	48	15.68+	397	70.2	5.6	32.5

+ 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

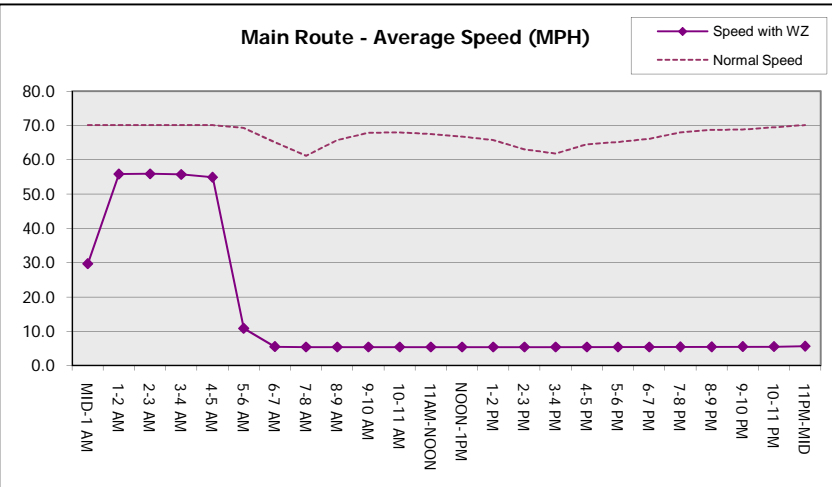
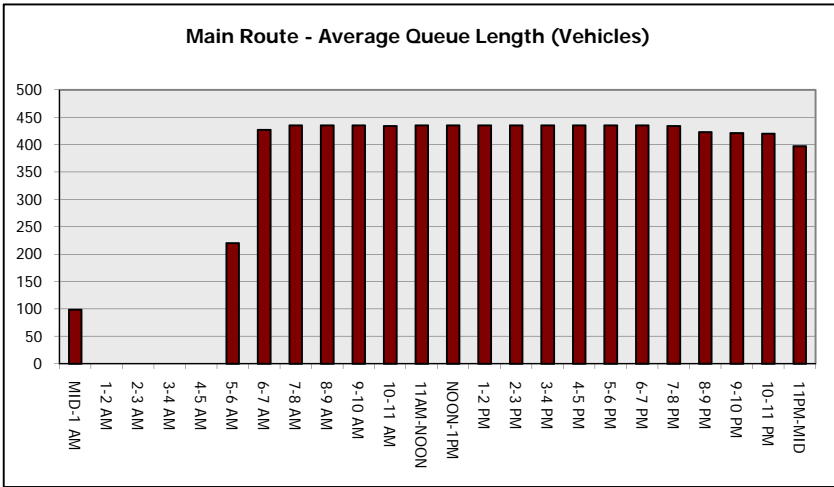
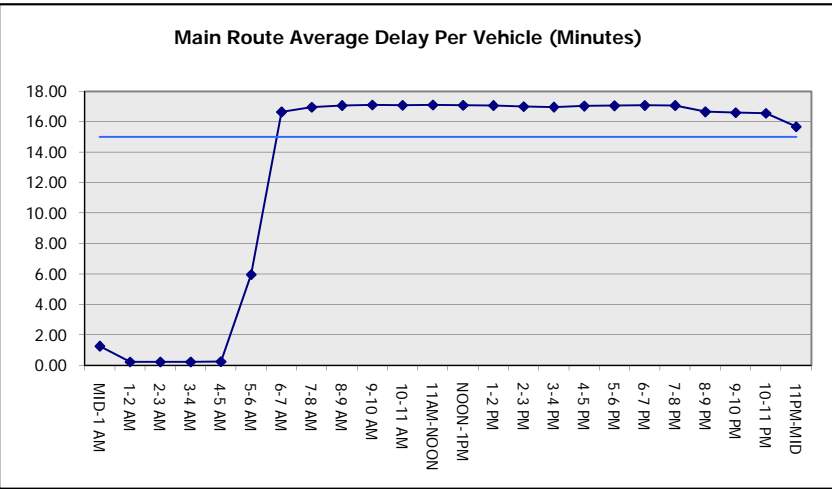
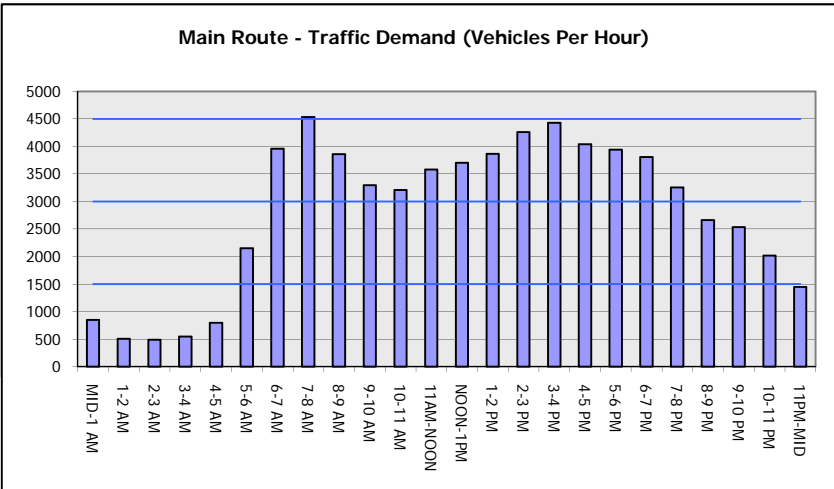
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0108
MAIN ROUTE WITH WORKS	0.0016
'DIVERSION'	0.0132
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$240,483
CONGESTED HOURS PER DAY*	19

\*Delays Exceeding User-Specified Maximum

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**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**  
**FRIDAY WESTBOUND DIRECTION**



<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**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	769	0.0	1499	769	0	1.14	94	70.2	31.3	44.3	
1-2 AM	513	0.0	1500	513	0	0.22	0	70.2	55.8	46.9	
2-3 AM	518	0.0	1500	518	0	0.22	0	70.2	55.8	46.8	
3-4 AM	618	0.0	1500	618	0	0.23	0	70.2	55.5	46.4	
4-5 AM	1104	0.0	1499	1104	0	0.31	0	70.2	51.3	41.1	
5-6 AM	2400	0.0	1499	1839	561	10.04+	286	69.1	7.3	33.2	
6-7 AM	3590	0.0	1500	1528	2061	16.98+	432	67.6	5.4	32.7	
7-8 AM	3568	0.0	1500	1515	2053	17.04+	433	67.6	5.4	32.5	
8-9 AM	3338	0.0	1500	1522	1817	17.01+	432	67.9	5.4	32.5	
9-10 AM	3086	0.0	1500	1521	1565	16.96+	431	68.2	5.4	32.5	
10-11 AM	3052	0.0	1500	1505	1547	16.96+	431	68.2	5.4	32.5	
11AM-NOON	3439	0.0	1499	1500	1939	17.11+	435	67.8	5.3	32.5	
NOON-1PM	3707	0.0	1500	1500	2207	17.09+	435	66.8	5.3	32.5	
1-2 PM	3973	0.0	1500	1500	2473	17.05+	435	65.0	5.3	32.5	
2-3 PM	4271	0.0	1500	1500	2771	17.00+	435	63.0	5.3	32.5	
3-4 PM	4635	0.0	1500	1500	3135	16.94+	435	60.5	5.3	32.5	
4-5 PM	4977	0.0	1500	1500	3477	16.87+	435	58.2	5.3	32.5	
5-6 PM	4713	0.0	1500	1500	3213	16.92+	435	60.0	5.3	32.5	
6-7 PM	3747	0.0	1500	1500	2247	17.09+	435	66.6	5.3	32.5	
7-8 PM	2976	0.0	1500	1498	1478	16.90+	429	68.3	5.4	32.5	
8-9 PM	2391	0.0	1500	1499	892	16.58+	420	69.1	5.5	32.5	
9-10 PM	2291	0.0	1499	1499	792	16.58+	420	69.2	5.5	32.5	
10-11 PM	2142	0.0	1499	1499	643	16.57+	420	69.4	5.5	32.5	
11PM-MID	1501	0.0	1500	1414	87	15.83+	401	70.2	5.5	32.5	

+ 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	0.0107
MAIN ROUTE WITH WORKS	0.0016
'DIVERSION'	0.0129

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$238,759
CONGESTED HOURS PER DAY*	19

\*Delays Exceeding User-Specified Maximum

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 Construction Season

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

