

<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>NIGHTTIME 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	964	0.0	1499	964	0	2.33	156	70.2	21.0	39.9	
1-2 AM	530	0.0	1500	530	0	0.22	0	70.2	55.8	46.8	
2-3 AM	539	0.0	1500	539	0	0.22	0	70.2	55.8	46.8	
3-4 AM	552	0.0	1500	552	0	0.22	0	70.2	55.7	46.7	
4-5 AM	812	0.0	1500	812	0	0.24	0	70.2	54.9	45.6	
5-6 AM	2168	0.0	OFF	2168	0	0.00	0	69.4	69.4	69.4	
6-7 AM	3904	0.0	OFF	3904	0	0.00	0	65.5	65.5	65.5	
7-8 AM	4165	0.0	OFF	4165	0	0.00	0	63.7	63.7	63.7	
8-9 AM	3895	0.0	OFF	3895	0	0.00	0	65.6	65.6	65.6	
9-10 AM	3632	0.0	OFF	3632	0	0.00	0	67.4	67.4	67.4	
10-11 AM	3828	0.0	OFF	3828	0	0.00	0	66.0	66.0	66.0	
11AM-NOON	3914	0.0	OFF	3914	0	0.00	0	65.4	65.4	65.4	
NOON-1PM	4055	0.0	OFF	4055	0	0.00	0	64.5	64.5	64.5	
1-2 PM	4274	0.0	OFF	4274	0	0.00	0	63.0	63.0	63.0	
2-3 PM	4444	0.0	OFF	4444	0	0.00	0	61.8	61.8	61.8	
3-4 PM	4494	0.0	OFF	4494	0	0.00	0	61.5	61.5	61.5	
4-5 PM	4129	0.0	OFF	4129	0	0.00	0	64.0	64.0	64.0	
5-6 PM	4312	0.0	OFF	4312	0	0.00	0	62.7	62.7	62.7	
6-7 PM	4098	0.0	OFF	4098	0	0.00	0	64.1	64.1	64.1	
7-8 PM	3561	0.0	1499	1590	1970	17.24+	442	67.6	5.4	38.9	
8-9 PM	2824	0.0	1499	1690	1134	15.09+	399	68.6	5.8	37.3	
9-10 PM	2499	0.0	1499	1602	897	16.41+	416	68.9	5.5	32.5	
10-11 PM	2100	0.0	1500	1505	595	16.57+	420	69.4	5.5	32.5	
11PM-MID	1601	0.0	1500	1484	117	15.78+	399	70.0	5.6	32.5	

"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

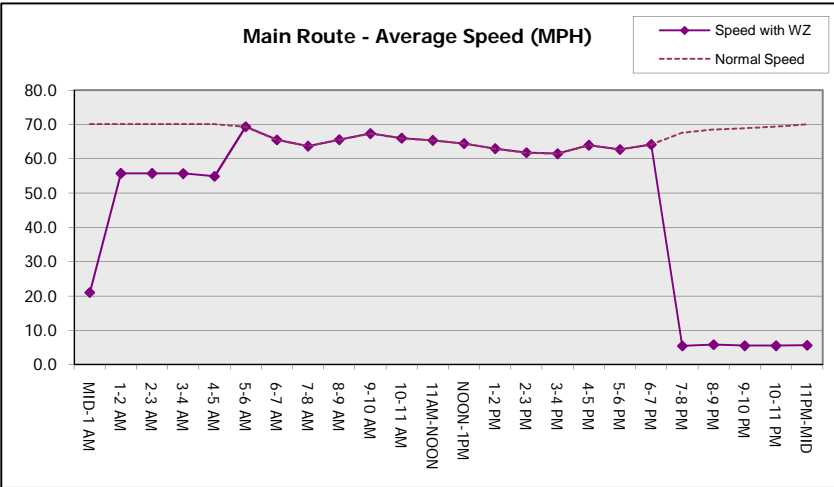
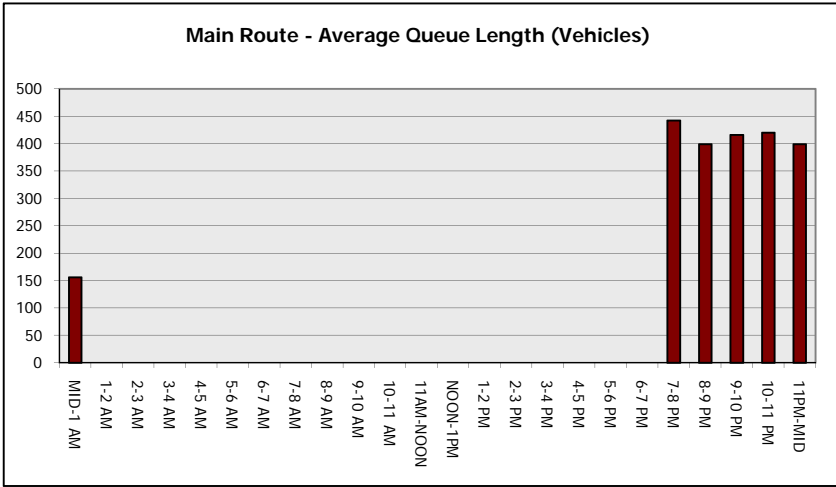
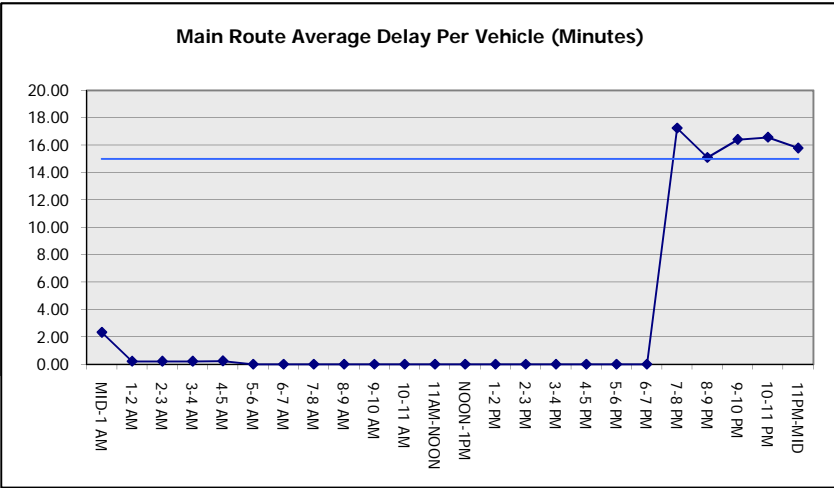
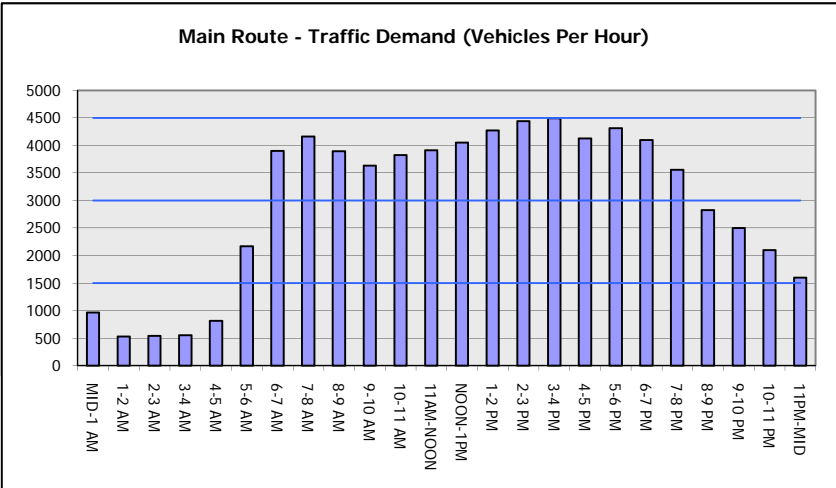
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0114
MAIN ROUTE WITH WORKS	0.0094
'DIVERSION'	0.0017
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$49,674
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding User-Specified Maximum

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**NIGHTTIME 2 LANE CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 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>NIGHTTIME 2 LANE CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</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	786	0.0	1499	786	0	1.68	142	70.2	26.0	42.3	
1-2 AM	546	0.0	1500	546	0	0.22	0	70.2	55.8	46.7	
2-3 AM	562	0.0	1500	562	0	0.22	0	70.2	55.7	46.6	
3-4 AM	594	0.0	1500	594	0	0.22	0	70.2	55.6	46.5	
4-5 AM	1133	0.0	1499	1133	0	0.32	0	70.2	50.9	40.6	
5-6 AM	2403	0.0	OFF	2403	0	0.00	0	69.1	69.1	69.1	
6-7 AM	3254	0.0	OFF	3254	0	0.00	0	68.0	68.0	68.0	
7-8 AM	3106	0.0	OFF	3106	0	0.00	0	68.2	68.2	68.2	
8-9 AM	3253	0.0	OFF	3253	0	0.00	0	68.0	68.0	68.0	
9-10 AM	3329	0.0	OFF	3329	0	0.00	0	67.9	67.9	67.9	
10-11 AM	3350	0.0	OFF	3350	0	0.00	0	67.9	67.9	67.9	
11AM-NOON	3567	0.0	OFF	3567	0	0.00	0	67.6	67.6	67.6	
NOON-1PM	3931	0.0	OFF	3931	0	0.00	0	65.3	65.3	65.3	
1-2 PM	4124	0.0	OFF	4124	0	0.00	0	64.0	64.0	64.0	
2-3 PM	4472	0.0	OFF	4472	0	0.00	0	61.6	61.6	61.6	
3-4 PM	4809	0.0	OFF	4809	0	0.00	0	59.3	59.3	59.3	
4-5 PM	4845	0.0	OFF	4845	0	0.00	0	59.1	59.1	59.1	
5-6 PM	4907	0.0	OFF	4907	0	0.00	0	58.6	58.6	58.6	
6-7 PM	3823	0.0	OFF	3823	0	0.00	0	66.0	66.0	66.0	
7-8 PM	3022	0.0	1499	1588	1434	17.19+	441	68.3	5.4	38.9	
8-9 PM	2571	0.0	1499	1697	875	14.75+	390	68.9	5.8	36.9	
9-10 PM	2571	0.0	1499	1599	972	16.48+	418	68.9	5.5	32.5	
10-11 PM	2558	0.0	1500	1516	1042	16.65+	422	68.9	5.4	32.5	
11PM-MID	1852	0.0	1500	1502	350	16.55+	419	69.7	5.5	32.5	

"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	0.0110
MAIN ROUTE WITH WORKS	0.0090
'DIVERSION'	0.0017

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$49,594
CONGESTED HOURS PER DAY*	5

\*Delays Exceeding User-Specified Maximum

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

