

<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                  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	816	0.0	3000	816	0	0.18	0	70.2	57.9	49.7	
1-2 AM	487	0.0	3000	487	0	0.18	0	70.2	57.9	49.7	
2-3 AM	427	0.0	3000	427	0	0.18	0	70.2	57.9	49.7	
3-4 AM	484	0.0	3000	484	0	0.18	0	70.2	57.9	49.7	
4-5 AM	766	0.0	3000	766	0	0.18	0	70.2	57.9	49.7	
5-6 AM	2080	0.0	OFF	2080	0	0.00	0	69.4	69.4	69.4	
6-7 AM	4074	0.0	OFF	4074	0	0.00	0	64.3	64.3	64.3	
7-8 AM	4645	0.0	OFF	4645	0	0.00	0	60.4	60.4	60.4	
8-9 AM	3875	0.0	OFF	3875	0	0.00	0	65.7	65.7	65.7	
9-10 AM	3311	0.0	OFF	3311	0	0.00	0	67.9	67.9	67.9	
10-11 AM	3388	0.0	OFF	3388	0	0.00	0	67.8	67.8	67.8	
11AM-NOON	3468	0.0	OFF	3468	0	0.00	0	67.8	67.8	67.8	
NOON-1PM	3382	0.0	OFF	3382	0	0.00	0	67.8	67.8	67.8	
1-2 PM	3324	0.0	OFF	3324	0	0.00	0	67.9	67.9	67.9	
2-3 PM	3880	0.0	OFF	3880	0	0.00	0	65.6	65.6	65.6	
3-4 PM	4166	0.0	OFF	4166	0	0.00	0	63.7	63.7	63.7	
4-5 PM	4037	0.0	OFF	4037	0	0.00	0	64.6	64.6	64.6	
5-6 PM	3785	0.0	OFF	3785	0	0.00	0	66.3	66.3	66.3	
6-7 PM	3126	0.0	OFF	3126	0	0.00	0	68.1	68.1	68.1	
7-8 PM	2486	0.0	3000	2486	0	0.22	0	68.9	55.3	46.6	
8-9 PM	2075	0.0	3000	2075	0	0.18	0	69.4	57.6	49.7	
9-10 PM	2033	0.0	3000	2033	0	0.18	0	69.5	57.6	49.7	
10-11 PM	1692	0.0	3000	1692	0	0.18	0	69.9	57.8	49.7	
11PM-MID	1291	0.0	3000	1291	0	0.18	0	70.2	57.9	49.7	

**"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)**

*----- 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

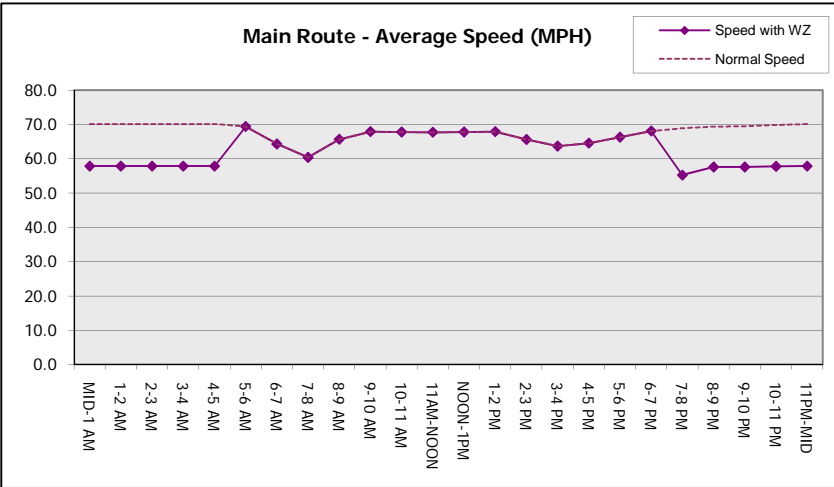
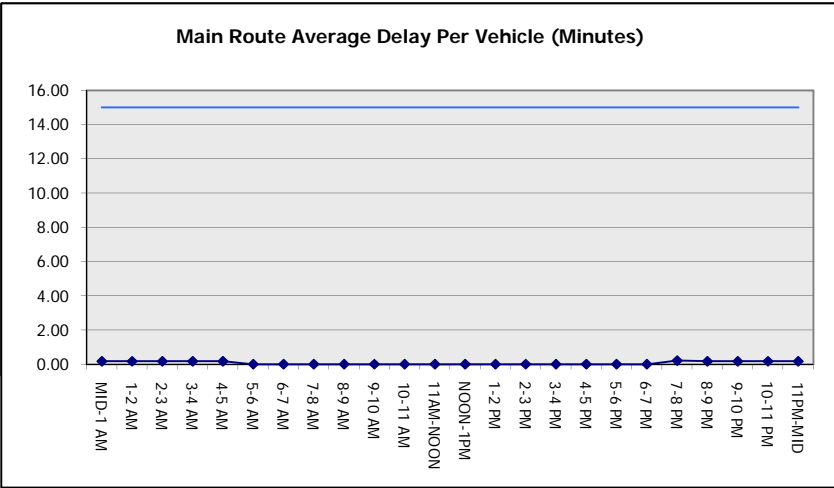
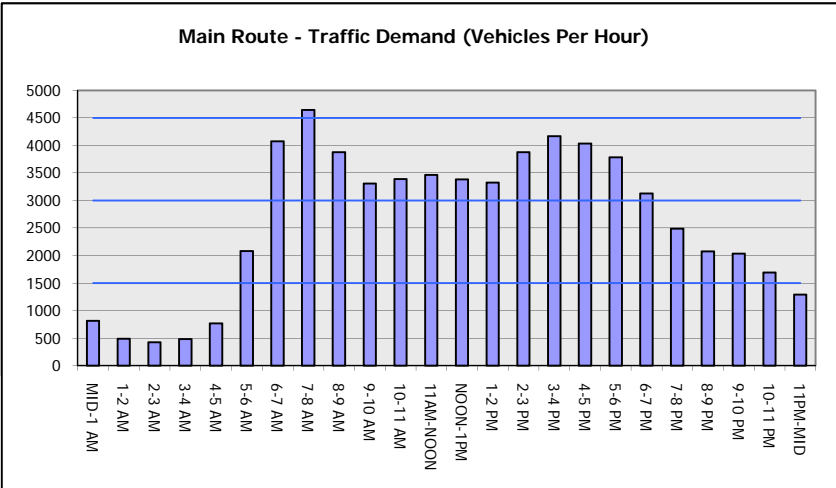
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0100
MAIN ROUTE WITH WORKS	0.0087
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$470
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR WESTBOUND DIRECTION**



<b>IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	727	0.0	3000	727	0	0.18	0	70.2	57.9	49.7
1-2 AM	479	0.0	3000	479	0	0.18	0	70.2	57.9	49.7
2-3 AM	446	0.0	3000	446	0	0.18	0	70.2	57.9	49.7
3-4 AM	537	0.0	3000	537	0	0.18	0	70.2	57.9	49.7
4-5 AM	1132	0.0	3000	1132	0	0.18	0	70.2	57.9	49.7
5-6 AM	2459	0.0	OFF	2459	0	0.00	0	69.0	69.0	69.0
6-7 AM	3516	0.0	OFF	3516	0	0.00	0	67.7	67.7	67.7
7-8 AM	3612	0.0	OFF	3612	0	0.00	0	67.5	67.5	67.5
8-9 AM	3323	0.0	OFF	3323	0	0.00	0	67.9	67.9	67.9
9-10 AM	3221	0.0	OFF	3221	0	0.00	0	68.1	68.1	68.1
10-11 AM	3033	0.0	OFF	3033	0	0.00	0	68.2	68.2	68.2
11AM-NOON	3213	0.0	OFF	3213	0	0.00	0	68.1	68.1	68.1
NOON-1PM	3449	0.0	OFF	3449	0	0.00	0	67.8	67.8	67.8
1-2 PM	3473	0.0	OFF	3473	0	0.00	0	67.8	67.8	67.8
2-3 PM	4200	0.0	OFF	4200	0	0.00	0	63.5	63.5	63.5
3-4 PM	4583	0.0	OFF	4583	0	0.00	0	60.9	60.9	60.9
4-5 PM	4997	0.0	OFF	4997	0	0.00	0	58.0	58.0	58.0
5-6 PM	4961	0.0	OFF	4961	0	0.00	0	58.2	58.2	58.2
6-7 PM	3799	0.0	OFF	3799	0	0.00	0	66.2	66.2	66.2
7-8 PM	2747	0.0	3000	2747	0	0.30	0	68.6	51.0	41.0
8-9 PM	2358	0.0	3000	2358	0	0.17	0	69.1	57.5	49.7
9-10 PM	2197	0.0	3000	2197	0	0.18	0	69.3	57.6	49.7
10-11 PM	1803	0.0	3000	1803	0	0.18	0	69.8	57.8	49.7
11PM-MID	1263	0.0	3000	1263	0	0.18	0	70.2	57.9	49.7

**"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)**

*----- 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	0.0104
MAIN ROUTE WITH WORKS	0.0089
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$552
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR EASTBOUND DIRECTION**

