

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	OFF	964	0	0.00	0	70.2	70.2	70.2
1-2 AM	530	0.0	OFF	530	0	0.00	0	70.2	70.2	70.2
2-3 AM	539	0.0	OFF	539	0	0.00	0	70.2	70.2	70.2
3-4 AM	552	0.0	OFF	552	0	0.00	0	70.2	70.2	70.2
4-5 AM	812	0.0	OFF	812	0	0.00	0	70.2	70.2	70.2
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	1499	1591	2238	17.21+	443	66.0	5.4	38.9
11AM-NOON	3914	0.0	1499	1859	2055	15.63+	409	65.4	5.7	35.8
NOON-1PM	4055	0.0	1499	1500	2555	17.04+	435	64.5	5.3	32.5
1-2 PM	4274	0.0	1500	1500	2774	17.00+	435	63.0	5.3	32.5
2-3 PM	4444	0.0	1500	1500	2944	16.97+	435	61.8	5.3	32.5
3-4 PM	4494	0.0	OFF	4494	0	0.72	67	61.5	35.3	35.3
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	OFF	3561	0	0.00	0	67.6	67.6	67.6
8-9 PM	2824	0.0	OFF	2824	0	0.00	0	68.6	68.6	68.6
9-10 PM	2499	0.0	OFF	2499	0	0.00	0	68.9	68.9	68.9
10-11 PM	2100	0.0	OFF	2100	0	0.00	0	69.4	69.4	69.4
11PM-MID	1601	0.0	OFF	1601	0	0.00	0	70.0	70.0	70.0

"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

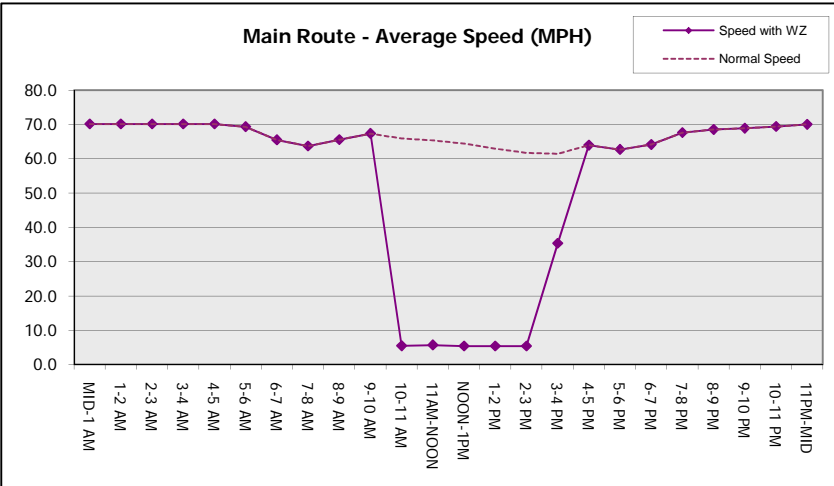
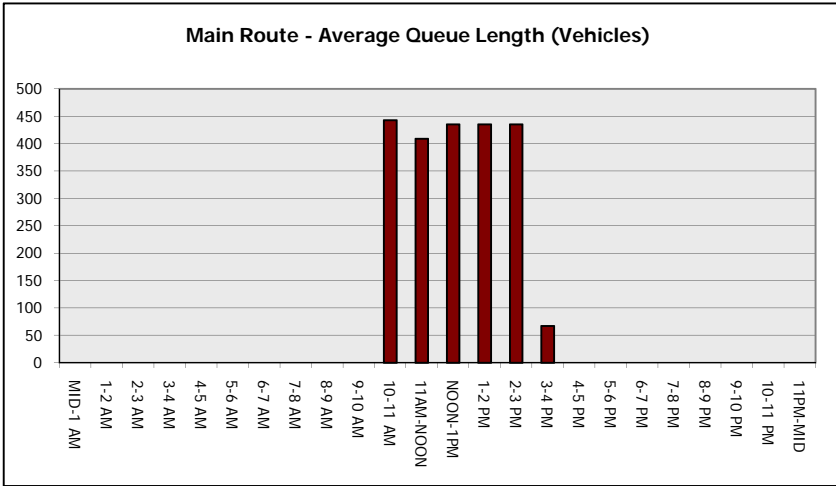
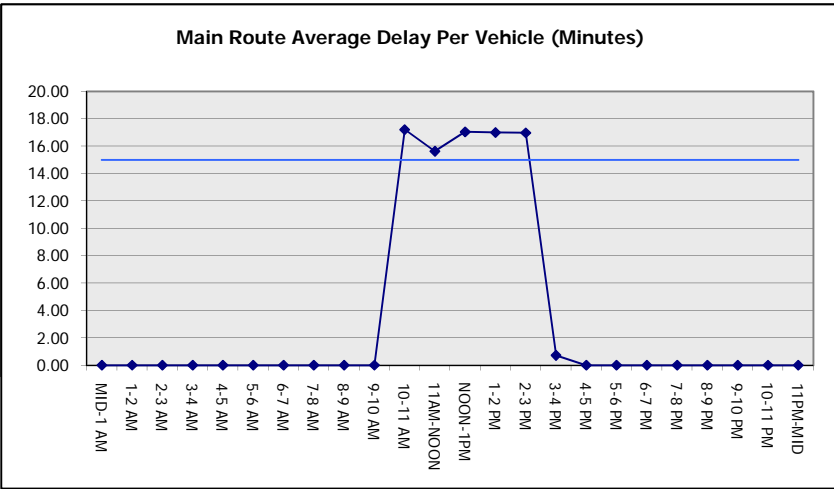
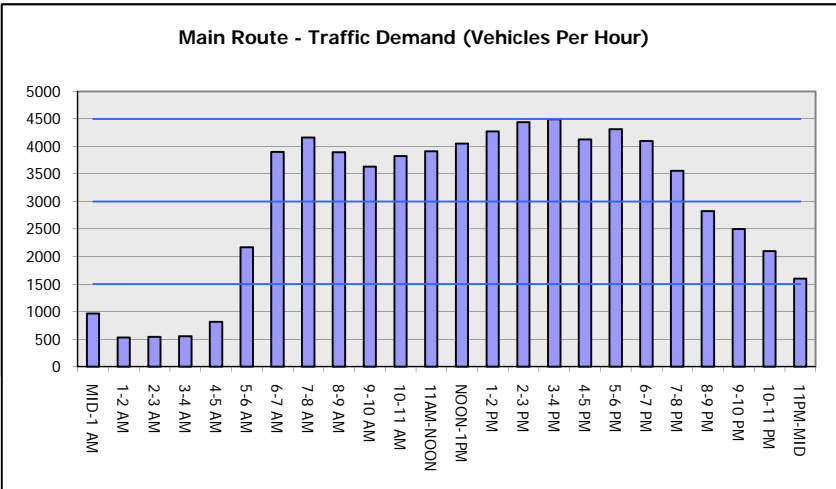
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0114
MAIN ROUTE WITH WORKS	0.0085
'DIVERSION'	0.0046
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$77,267
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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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	OFF	786	0	0.00	0	70.2	70.2	70.2
1-2 AM	546	0.0	OFF	546	0	0.00	0	70.2	70.2	70.2
2-3 AM	562	0.0	OFF	562	0	0.00	0	70.2	70.2	70.2
3-4 AM	594	0.0	OFF	594	0	0.00	0	70.2	70.2	70.2
4-5 AM	1133	0.0	OFF	1133	0	0.00	0	70.2	70.2	70.2
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	1499	1589	1761	17.20+	441	67.9	5.4	38.9
11AM-NOON	3567	0.0	1499	1810	1757	15.38+	403	67.6	5.7	36.3
NOON-1PM	3931	0.0	1499	1500	2431	17.06+	435	65.3	5.3	32.5
1-2 PM	4124	0.0	1500	1500	2624	17.03+	435	64.0	5.3	32.5
2-3 PM	4472	0.0	1500	1500	2972	16.97+	435	61.6	5.3	32.5
3-4 PM	4809	0.0	OFF	4809	0	0.72	66	59.3	34.7	34.7
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	OFF	3022	0	0.00	0	68.3	68.3	68.3
8-9 PM	2571	0.0	OFF	2571	0	0.00	0	68.9	68.9	68.9
9-10 PM	2571	0.0	OFF	2571	0	0.00	0	68.9	68.9	68.9
10-11 PM	2558	0.0	OFF	2558	0	0.00	0	68.9	68.9	68.9
11PM-MID	1852	0.0	OFF	1852	0	0.00	0	69.7	69.7	69.7

"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	0.0083
'DIVERSION'	0.0043

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$73,190
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

