

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) OFF-PEAK DAY 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	2999	3828	0	6.81	405	66.0	11.6	36.9
11AM-NOON	3914	0.0	2999	3069	845	16.88+	913	65.4	8.3	36.9
NOON-1PM	4055	0.0	3000	3015	1039	16.82+	911	64.5	8.3	36.9
1-2 PM	4274	0.0	3000	3028	1246	17.10+	930	63.0	8.2	36.9
2-3 PM	4444	0.0	3000	3021	1423	17.48+	954	61.8	8.1	36.9
3-4 PM	4494	0.0	OFF	4494	0	3.18	306	61.5	14.4	14.4
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

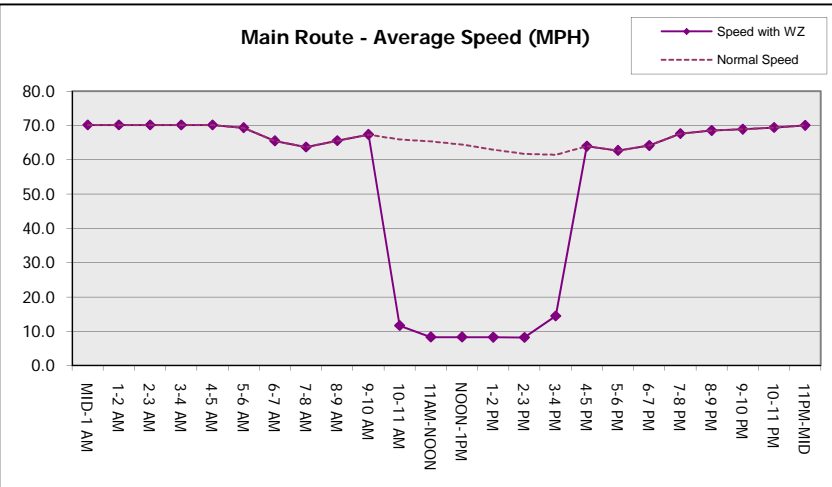
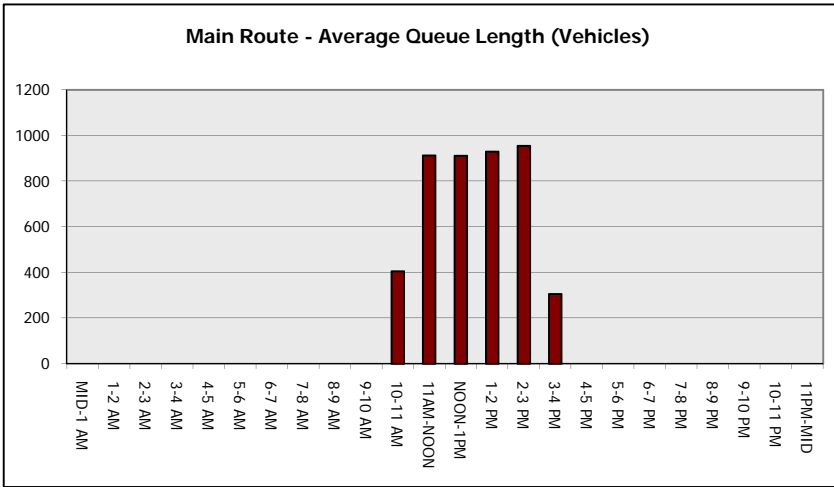
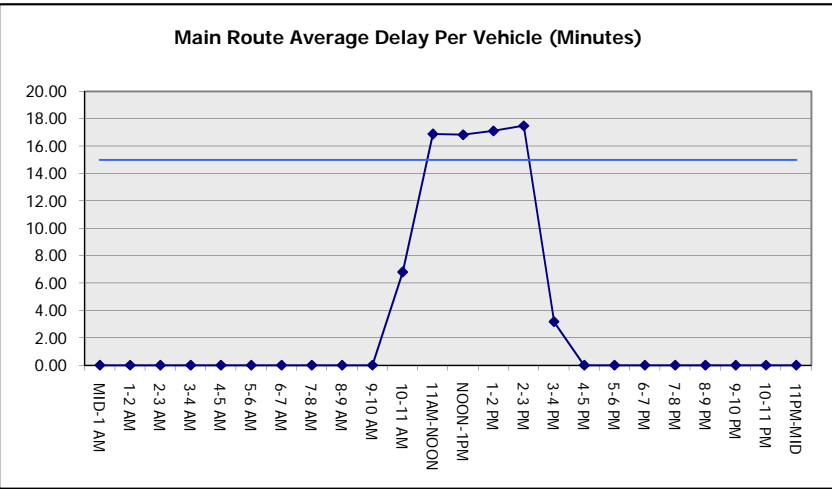
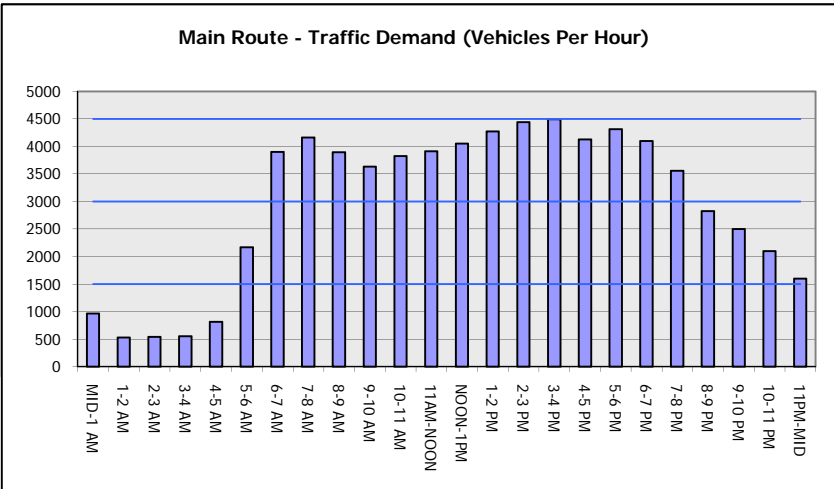
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0114
MAIN ROUTE WITH WORKS	0.0089
'DIVERSION'	0.0017
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$68,489
CONGESTED HOURS PER DAY*	4

*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 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	2999	3350	0	2.94	167	67.9	17.3	36.9
11AM-NOON	3567	0.0	3000	3567	0	11.30+	614	67.6	9.3	36.9
NOON-1PM	3931	0.0	2999	2996	935	16.82+	909	65.3	8.3	36.9
1-2 PM	4124	0.0	2999	3010	1113	16.88+	915	64.0	8.3	36.9
2-3 PM	4472	0.0	3000	3051	1421	17.47+	954	61.6	8.1	36.9
3-4 PM	4809	0.0	OFF	4809	0	4.11	398	59.3	11.7	11.7
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	0.0088
'DIVERSION'	0.0013

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$59,729
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

