

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) NIGHTTIME 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	3000	964	0	0.18	0	70.2	57.9	49.7
1-2 AM	530	0.0	3000	530	0	0.18	0	70.2	57.9	49.7
2-3 AM	539	0.0	3000	539	0	0.18	0	70.2	57.9	49.7
3-4 AM	552	0.0	3000	552	0	0.18	0	70.2	57.9	49.7
4-5 AM	812	0.0	3000	812	0	0.18	0	70.2	57.9	49.7
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	2999	3561	0	5.66	320	67.6	12.4	36.9
8-9 PM	2824	0.0	2999	2824	0	9.55	505	68.6	9.7	36.9
9-10 PM	2499	0.0	2999	2499	0	1.89	168	68.9	24.2	42.0
10-11 PM	2100	0.0	3000	2100	0	0.18	0	69.4	57.6	49.7
11PM-MID	1601	0.0	3000	1601	0	0.18	0	70.0	57.8	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

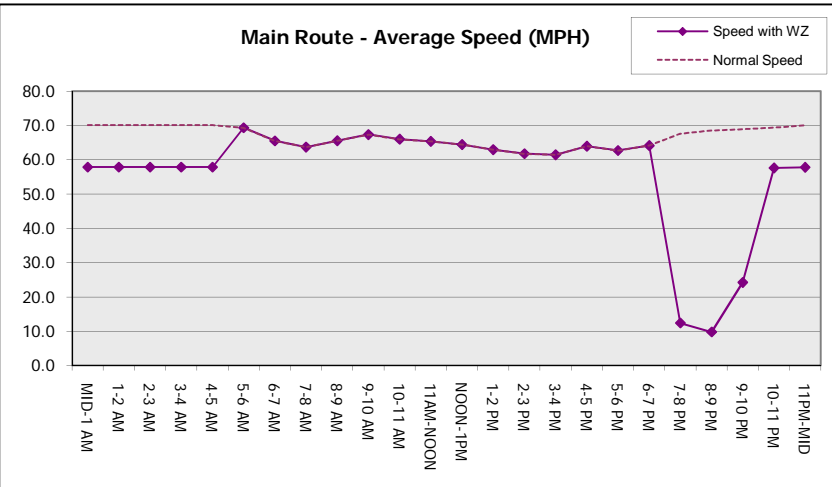
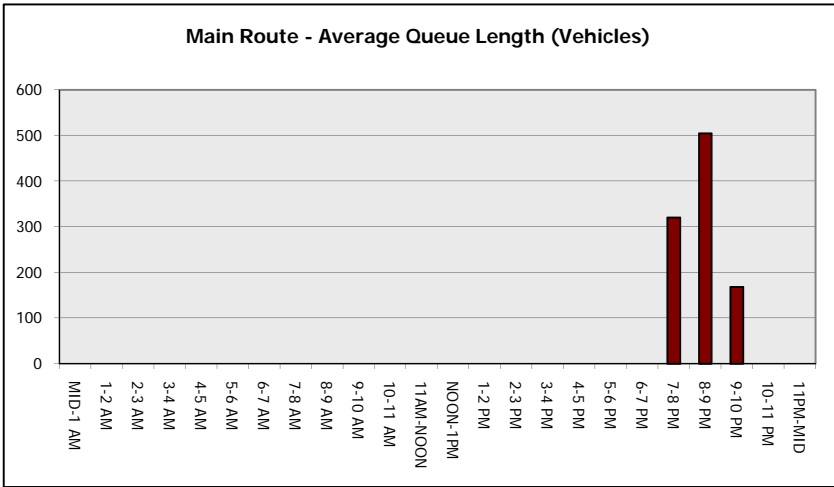
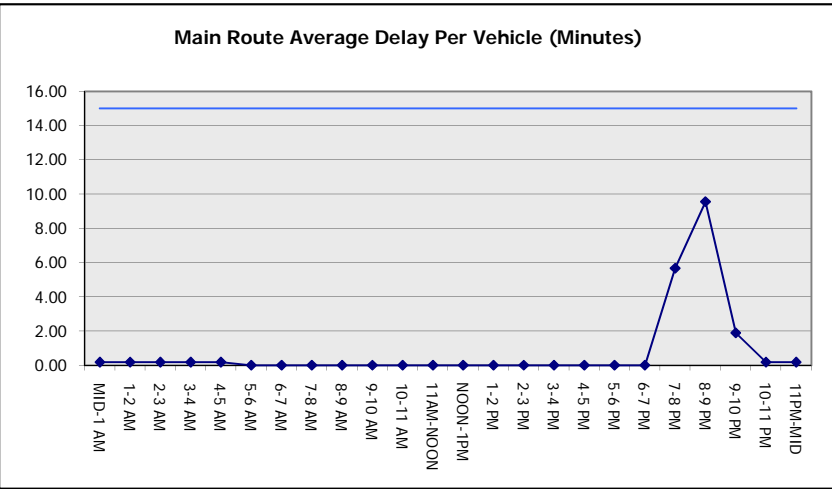
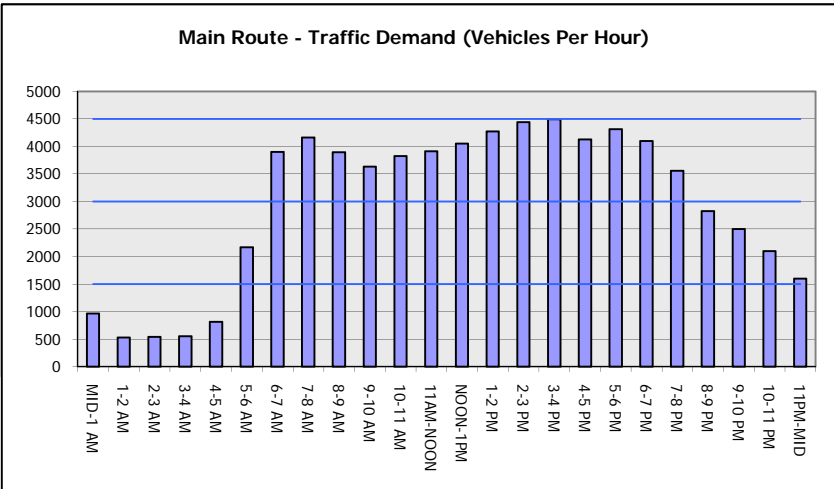
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0114
MAIN ROUTE WITH WORKS	0.0096
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$13,732
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	3000	786	0	0.18	0	70.2	57.9	49.7
1-2 AM	546	0.0	3000	546	0	0.18	0	70.2	57.9	49.7
2-3 AM	562	0.0	3000	562	0	0.18	0	70.2	57.9	49.7
3-4 AM	594	0.0	3000	594	0	0.18	0	70.2	57.9	49.7
4-5 AM	1133	0.0	3000	1133	0	0.18	0	70.2	57.9	49.7
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	2999	3022	0	1.28	50	68.3	27.8	37.3
8-9 PM	2571	0.0	3000	2571	0	0.25	0	68.9	53.3	44.6
9-10 PM	2571	0.0	3000	2571	0	0.24	0	68.9	53.8	44.6
10-11 PM	2558	0.0	3000	2558	0	0.24	0	68.9	54.0	44.9
11PM-MID	1852	0.0	3000	1852	0	0.18	0	69.7	57.8	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	0.0110
MAIN ROUTE WITH WORKS	0.0093
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,739
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

IH 94: CTH ZZ/COLLEGE AVE TO CTH BB/RAWSON AVE (MILWAUKEE COUNTY)
NIGHTTIME CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

