

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

SUNDAY 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	1041	0.0	3000	1041	0	0.18	0	70.2	57.9	49.7	
1-2 AM	588	0.0	3000	588	0	0.18	0	70.2	57.9	49.7	
2-3 AM	402	0.0	3000	402	0	0.18	0	70.2	57.9	49.7	
3-4 AM	292	0.0	3000	292	0	0.18	0	70.2	57.9	49.7	
4-5 AM	321	0.0	3000	321	0	0.18	0	70.2	57.9	49.7	
5-6 AM	512	0.0	3000	512	0	0.18	0	70.2	57.9	49.7	
6-7 AM	810	0.0	3000	810	0	0.18	0	70.2	57.9	49.7	
7-8 AM	1000	0.0	3000	1000	0	0.18	0	70.2	57.9	49.7	
8-9 AM	1500	0.0	3000	1500	0	0.18	0	70.2	57.9	49.7	
9-10 AM	2217	0.0	OFF	2217	0	0.00	0	69.3	69.3	69.3	
10-11 AM	2880	0.0	OFF	2880	0	0.00	0	68.4	68.4	68.4	
11AM-NOON	3093	0.0	OFF	3093	0	0.00	0	68.2	68.2	68.2	
NOON-1PM	3356	0.0	OFF	3356	0	0.00	0	67.9	67.9	67.9	
1-2 PM	3441	0.0	OFF	3441	0	0.00	0	67.8	67.8	67.8	
2-3 PM	3439	0.0	OFF	3439	0	0.00	0	67.8	67.8	67.8	
3-4 PM	3513	0.0	OFF	3513	0	0.00	0	67.7	67.7	67.7	
4-5 PM	3545	0.0	OFF	3545	0	0.00	0	67.6	67.6	67.6	
5-6 PM	3154	0.0	OFF	3154	0	0.00	0	68.1	68.1	68.1	
6-7 PM	3092	0.0	OFF	3092	0	0.00	0	68.2	68.2	68.2	
7-8 PM	2745	0.0	3000	2745	0	0.30	0	68.6	51.0	41.1	
8-9 PM	2365	0.0	3000	2365	0	0.18	0	69.1	57.4	49.6	
9-10 PM	2135	0.0	3000	2135	0	0.18	0	69.4	57.6	49.7	
10-11 PM	1607	0.0	3000	1607	0	0.18	0	70.0	57.8	49.7	
11PM-MID	1056	0.0	3000	1056	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

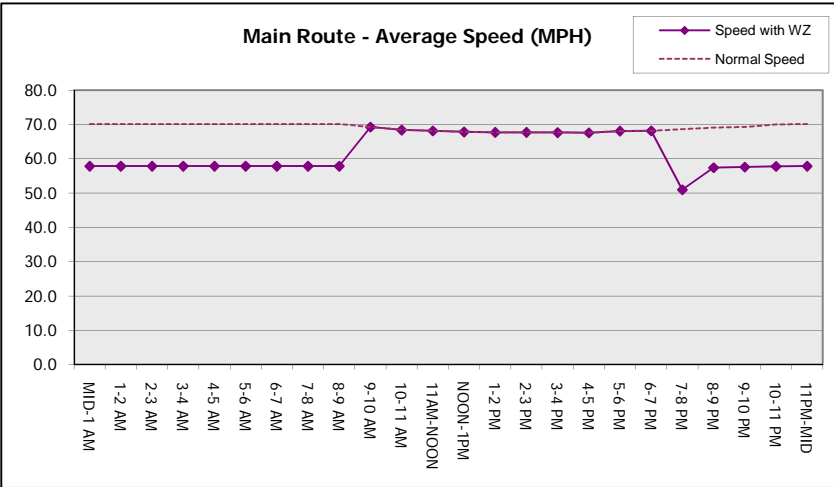
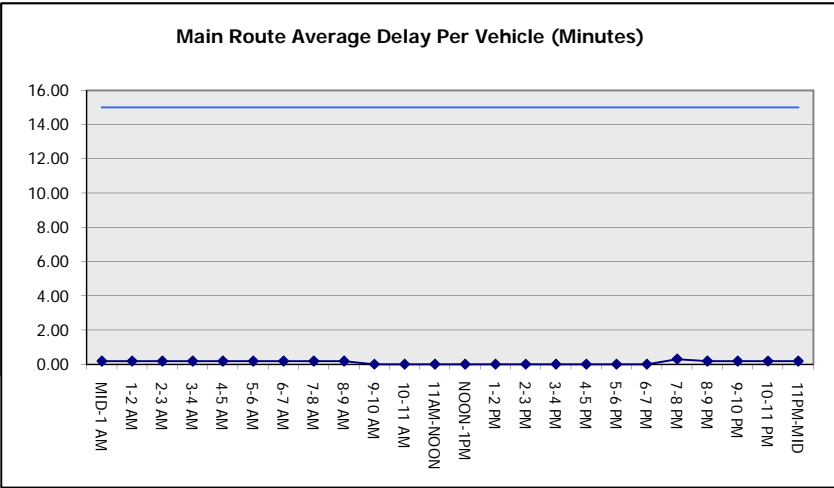
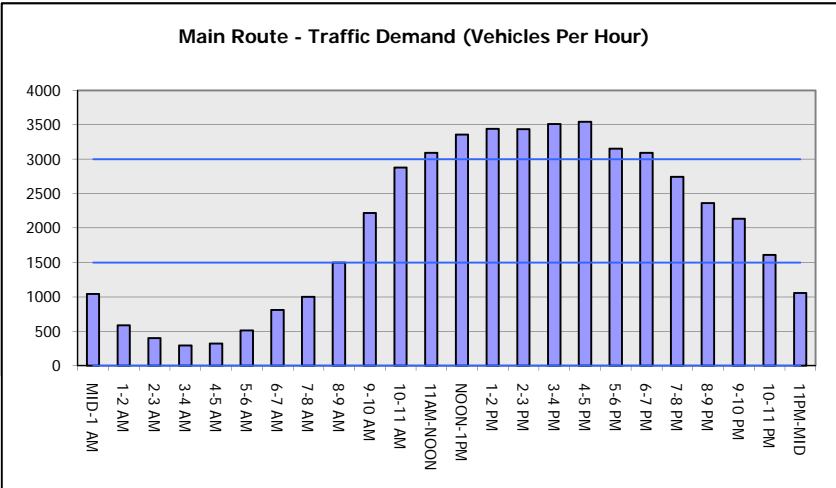
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0077
MAIN ROUTE WITH WORKS	0.0059
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$770
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	1307	0.0	3000	1307	0	0.18	0	70.2	57.9	49.7
1-2 AM	852	0.0	3000	852	0	0.18	0	70.2	57.9	49.7
2-3 AM	672	0.0	3000	672	0	0.18	0	70.2	57.9	49.7
3-4 AM	458	0.0	3000	458	0	0.18	0	70.2	57.9	49.7
4-5 AM	519	0.0	3000	519	0	0.18	0	70.2	57.9	49.7
5-6 AM	801	0.0	3000	801	0	0.18	0	70.2	57.9	49.7
6-7 AM	973	0.0	3000	973	0	0.18	0	70.2	57.9	49.7
7-8 AM	1194	0.0	3000	1194	0	0.18	0	70.2	57.9	49.7
8-9 AM	1705	0.0	3000	1705	0	0.18	0	69.9	57.8	49.7
9-10 AM	2560	0.0	OFF	2560	0	0.00	0	68.9	68.9	68.9
10-11 AM	3096	0.0	OFF	3096	0	0.00	0	68.2	68.2	68.2
11AM-NOON	3620	0.0	OFF	3620	0	0.00	0	67.4	67.4	67.4
NOON-1PM	4159	0.0	OFF	4159	0	0.00	0	63.8	63.8	63.8
1-2 PM	4314	0.0	OFF	4314	0	0.00	0	62.7	62.7	62.7
2-3 PM	4482	0.0	OFF	4482	0	0.00	0	61.5	61.5	61.5
3-4 PM	4432	0.0	OFF	4432	0	0.00	0	61.9	61.9	61.9
4-5 PM	4297	0.0	OFF	4297	0	0.00	0	62.8	62.8	62.8
5-6 PM	3956	0.0	OFF	3956	0	0.00	0	65.1	65.1	65.1
6-7 PM	3632	0.0	OFF	3632	0	0.00	0	67.4	67.4	67.4
7-8 PM	2917	0.0	2999	2917	0	0.49	8	68.4	44.0	38.6
8-9 PM	2540	0.0	3000	2540	0	0.23	0	68.9	54.3	45.3
9-10 PM	2165	0.0	3000	2165	0	0.18	0	69.4	57.6	49.7
10-11 PM	1522	0.0	3000	1522	0	0.18	0	70.2	57.9	49.7
11PM-MID	1047	0.0	3000	1047	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	0.0
(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	0
(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	0.0091
MAIN ROUTE WITH WORKS	0.0071
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,032
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

