

IH 94: CTH Y/LAYTON AVE TO CTH ZZ/COLLEGE AVE (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 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	1302	0.0	3000	1302	0	0.36	0	70.2	58.0	49.7
1-2 AM	716	0.0	3000	716	0	0.36	0	70.2	58.0	49.7
2-3 AM	729	0.0	3000	729	0	0.36	0	70.2	58.0	49.7
3-4 AM	745	0.0	3000	745	0	0.36	0	70.2	58.0	49.7
4-5 AM	1098	0.0	3000	1098	0	0.36	0	70.2	58.0	49.7
5-6 AM	2930	0.0	2999	2930	0	1.14	56	68.4	41.5	42.7
6-7 AM	5276	0.0	3000	3767	1508	14.69+	825	56.1	10.7	36.9
7-8 AM	5628	0.0	2999	3000	2628	17.40+	961	53.7	9.9	36.9
8-9 AM	5263	0.0	3000	3000	2263	17.58+	961	56.2	9.9	36.9
9-10 AM	4907	0.0	2999	2983	1924	17.71+	959	58.6	9.9	36.9
10-11 AM	5173	0.0	3000	3000	2172	17.62+	961	56.8	9.9	36.9
11AM-NOON	5288	0.0	3000	3000	2288	17.57+	961	56.0	9.9	36.9
NOON-1PM	5478	0.0	3000	3000	2478	17.48+	961	54.7	9.9	36.9
1-2 PM	5776	0.0	3000	3000	2776	17.33+	961	52.7	9.9	36.9
2-3 PM	6004	0.0	3000	3000	3005	17.21+	961	51.2	9.9	36.9
3-4 PM	6072	0.0	3000	3000	3072	17.17+	961	50.7	9.9	36.9
4-5 PM	5579	0.0	3000	3000	2579	17.43+	961	54.0	9.9	36.9
5-6 PM	5827	0.0	3000	3000	2828	17.30+	961	52.4	9.9	36.9
6-7 PM	5537	0.0	3000	3000	2537	17.45+	961	54.3	9.9	36.9
7-8 PM	4810	0.0	3000	2970	1840	17.72+	958	59.3	9.9	36.9
8-9 PM	3815	0.0	3000	2957	858	16.92+	894	66.1	10.1	36.9
9-10 PM	3377	0.0	2999	2991	386	16.84+	885	67.8	10.1	36.9
10-11 PM	2838	0.0	2999	2816	22	15.89+	832	68.5	10.4	36.9
11PM-MID	2163	0.0	2999	2163	0	4.34	347	69.4	22.1	43.7

+ 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

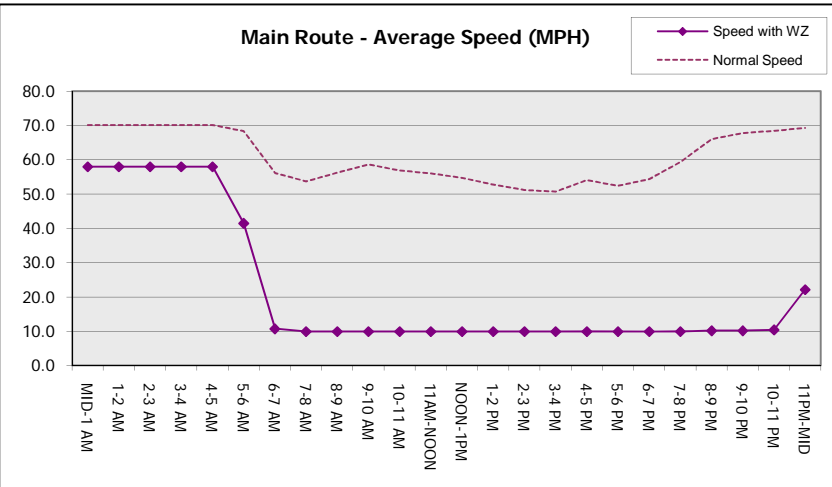
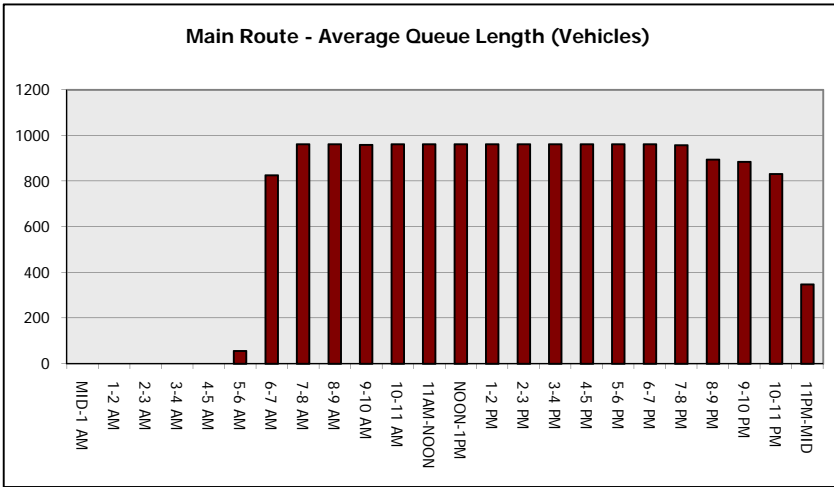
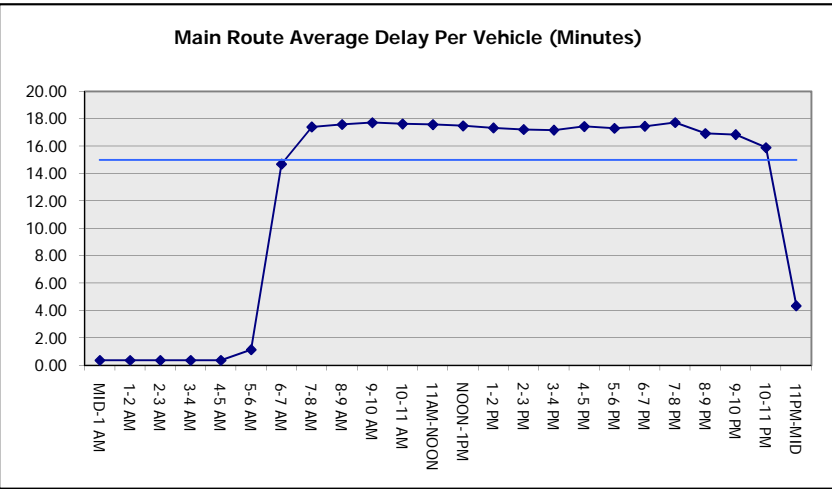
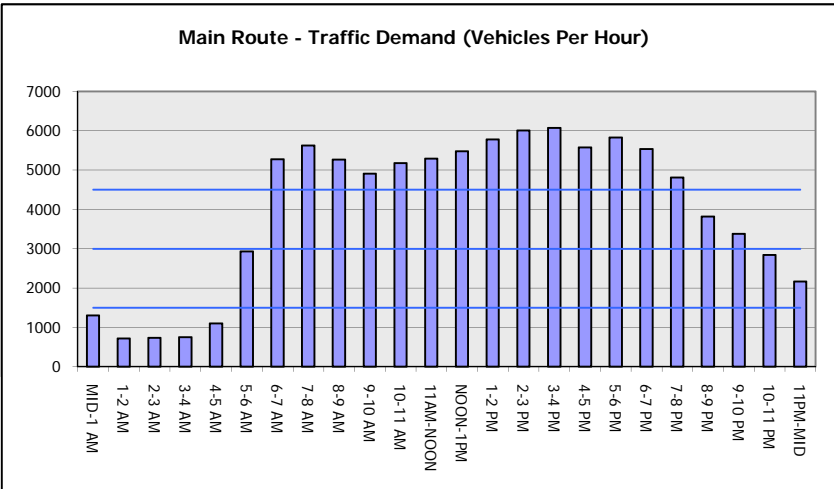
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0307
MAIN ROUTE WITH WORKS	0.0154
'DIVERSION'	0.0259
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$340,993
CONGESTED HOURS PER DAY*	17

*Delays Exceeding User-Specified Maximum

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CONTINUOUS (24 HOUR) CLOSURE
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AUGUST
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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: CTH Y/LAYTON AVE TO CTH ZZ/COLLEGE AVE (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 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	1063	0.0	3000	1063	0	0.68	44	70.2	50.3	49.7	
1-2 AM	737	0.0	3000	737	0	0.36	0	70.2	58.0	49.7	
2-3 AM	760	0.0	3000	760	0	0.36	0	70.2	58.0	49.7	
3-4 AM	802	0.0	3000	802	0	0.36	0	70.2	58.0	49.7	
4-5 AM	1532	0.0	3000	1532	0	0.36	0	70.1	58.0	49.7	
5-6 AM	3247	0.0	2999	3247	0	1.57	75	68.0	36.0	37.8	
6-7 AM	4398	0.0	3000	3636	762	14.25+	780	62.1	10.9	36.9	
7-8 AM	4197	0.0	3000	2964	1233	17.01+	906	63.5	10.1	36.9	
8-9 AM	4394	0.0	2999	3026	1368	17.21+	920	62.2	10.0	36.9	
9-10 AM	4498	0.0	3000	3010	1489	17.42+	934	61.4	9.9	36.9	
10-11 AM	4526	0.0	3000	3006	1520	17.48+	938	61.2	9.9	36.9	
11AM-NOON	4820	0.0	2999	3013	1807	17.73+	959	59.2	9.9	36.9	
NOON-1PM	5312	0.0	3000	3000	2312	17.56+	961	55.9	9.9	36.9	
1-2 PM	5572	0.0	3000	3000	2572	17.43+	961	54.1	9.9	36.9	
2-3 PM	6042	0.0	3000	3000	3042	17.19+	961	50.9	9.9	36.9	
3-4 PM	6499	0.0	3000	3000	3499	16.92+	961	47.8	9.9	36.9	
4-5 PM	6547	0.0	3000	3000	3547	16.89+	961	47.4	9.9	36.9	
5-6 PM	6630	0.0	3000	3000	3630	16.83+	961	46.9	9.9	36.9	
6-7 PM	5167	0.0	3000	3000	2167	17.62+	961	56.9	9.9	36.9	
7-8 PM	4084	0.0	3000	2949	1135	17.05+	906	64.3	10.1	36.9	
8-9 PM	3474	0.0	2999	2991	484	16.85+	886	67.8	10.1	36.9	
9-10 PM	3474	0.0	2999	2995	479	16.85+	885	67.8	10.1	36.9	
10-11 PM	3457	0.0	2999	2997	459	16.84+	885	67.8	10.1	36.9	
11PM-MID	2502	0.0	2999	2502	0	13.47+	714	68.9	11.2	37.8	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0298
MAIN ROUTE WITH WORKS	0.0157
'DIVERSION'	0.0232

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$330,265
CONGESTED HOURS PER DAY*	18

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

