

IH 94: CTH Y/LAYTON AVE TO CTH ZZ/COLLEGE AVE (MILWAUKEE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	1387	0.0	OFF	1387	0	0.00	0	70.2	70.2	70.2
1-2 AM	875	0.0	OFF	875	0	0.00	0	70.2	70.2	70.2
2-3 AM	706	0.0	OFF	706	0	0.00	0	70.2	70.2	70.2
3-4 AM	649	0.0	OFF	649	0	0.00	0	70.2	70.2	70.2
4-5 AM	685	0.0	OFF	685	0	0.00	0	70.2	70.2	70.2
5-6 AM	1337	0.0	OFF	1337	0	0.00	0	70.2	70.2	70.2
6-7 AM	2059	0.0	OFF	2059	0	0.00	0	69.5	69.5	69.5
7-8 AM	2616	0.0	OFF	2616	0	0.00	0	68.8	68.8	68.8
8-9 AM	3725	0.0	2999	3725	0	5.15	308	66.7	18.9	36.9
9-10 AM	4361	0.0	2999	3212	1149	17.24+	922	62.3	10.0	36.9
10-11 AM	4888	0.0	2999	3008	1879	17.72+	959	58.7	9.9	36.9
11AM-NOON	5072	0.0	3000	3000	2072	17.66+	961	57.5	9.9	36.9
NOON-1PM	5301	0.0	3000	3000	2301	17.56+	961	56.0	9.9	36.9
1-2 PM	5395	0.0	3000	3000	2395	17.52+	961	55.3	9.9	36.9
2-3 PM	5250	0.0	3000	3000	2250	17.58+	961	56.3	9.9	36.9
3-4 PM	5143	0.0	3000	3000	2143	17.63+	961	57.0	9.9	36.9
4-5 PM	4974	0.0	3000	3000	1974	17.70+	961	58.2	9.9	36.9
5-6 PM	4732	0.0	3000	3004	1728	17.69+	955	59.8	9.9	36.9
6-7 PM	4016	0.0	OFF	4016	0	2.48	227	64.7	27.7	27.7
7-8 PM	3645	0.0	OFF	3645	0	0.00	0	67.3	67.3	67.3
8-9 PM	3126	0.0	OFF	3126	0	0.00	0	68.1	68.1	68.1
9-10 PM	2885	0.0	OFF	2885	0	0.00	0	68.4	68.4	68.4
10-11 PM	2444	0.0	OFF	2444	0	0.00	0	69.0	69.0	69.0
11PM-MID	1913	0.0	OFF	1913	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

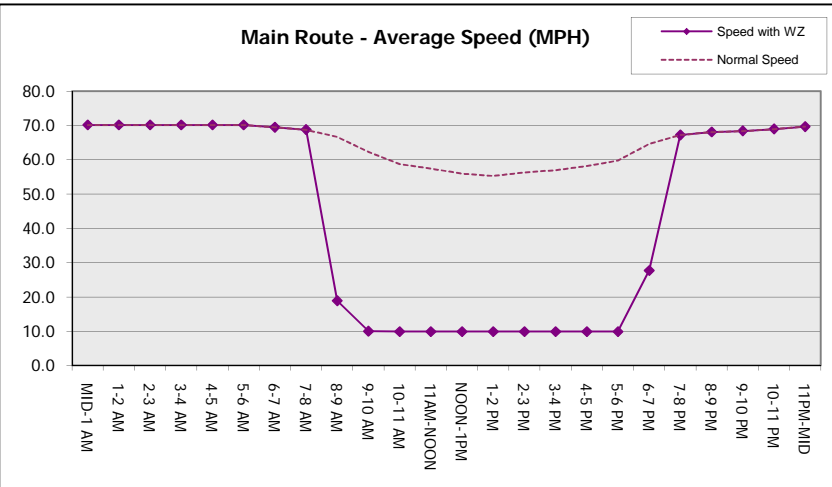
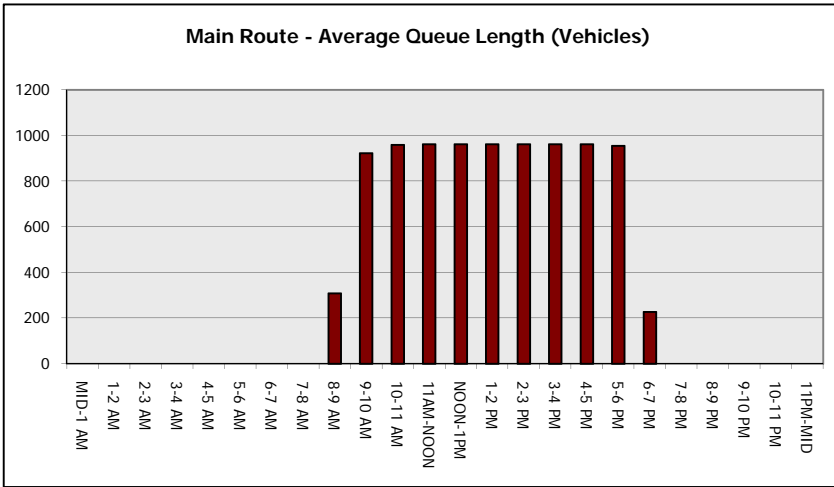
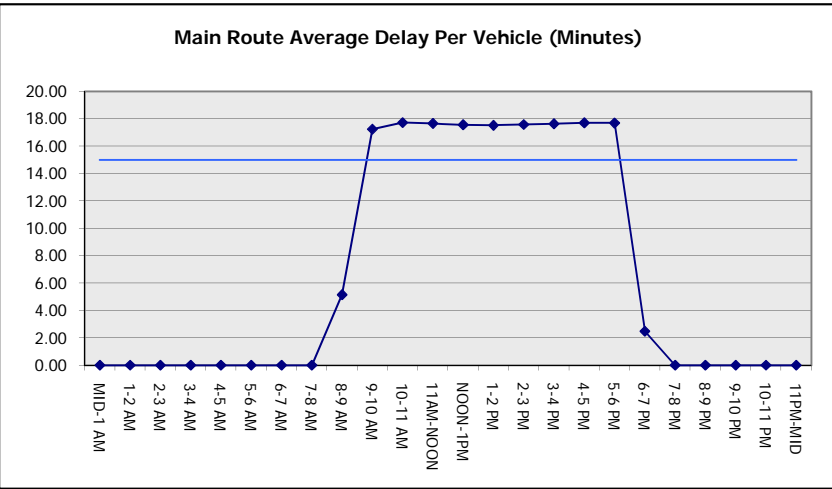
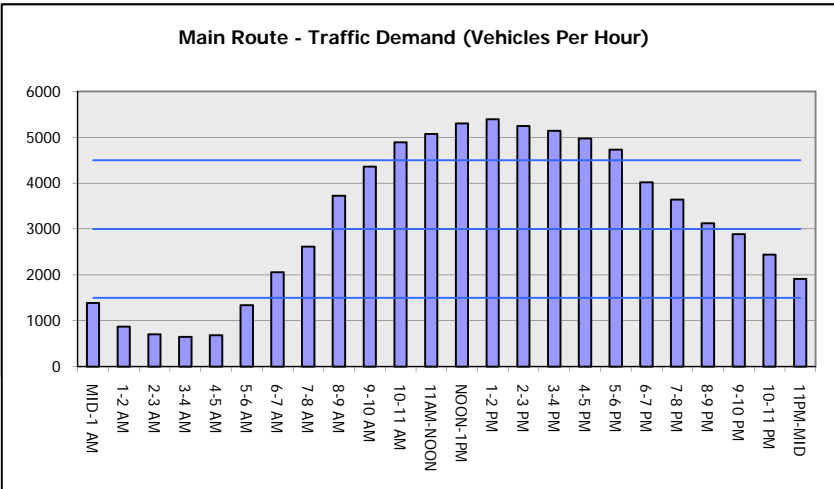
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0246
MAIN ROUTE WITH WORKS	0.0168
'DIVERSION'	0.0132
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$225,578
CONGESTED HOURS PER DAY*	9

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 94: CTH Y/LAYTON AVE TO CTH ZZ/COLLEGE AVE (MILWAUKEE COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY 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	1500	0.0	OFF	1500	0	0.00	0	70.2	70.2	70.2
1-2 AM	930	0.0	OFF	930	0	0.00	0	70.2	70.2	70.2
2-3 AM	895	0.0	OFF	895	0	0.00	0	70.2	70.2	70.2
3-4 AM	766	0.0	OFF	766	0	0.00	0	70.2	70.2	70.2
4-5 AM	1052	0.0	OFF	1052	0	0.00	0	70.2	70.2	70.2
5-6 AM	1763	0.0	OFF	1763	0	0.00	0	69.9	69.9	69.9
6-7 AM	1891	0.0	OFF	1891	0	0.00	0	69.7	69.7	69.7
7-8 AM	2245	0.0	OFF	2245	0	0.00	0	69.2	69.2	69.2
8-9 AM	3112	0.0	2999	3112	0	1.28	40	68.2	39.5	37.6
9-10 AM	3937	0.0	3000	3859	78	10.21+	575	65.3	12.8	36.9
10-11 AM	4476	0.0	2999	2928	1548	17.56+	942	61.6	9.9	36.9
11AM-NOON	4970	0.0	2999	3000	1970	17.71+	961	58.2	9.9	36.9
NOON-1PM	5207	0.0	3000	3000	2207	17.60+	961	56.6	9.9	36.9
1-2 PM	4996	0.0	3000	3000	1996	17.70+	961	58.0	9.9	36.9
2-3 PM	5292	0.0	3000	3000	2292	17.56+	961	56.0	9.9	36.9
3-4 PM	5121	0.0	3000	3000	2121	17.64+	961	57.2	9.9	36.9
4-5 PM	4861	0.0	3000	3001	1860	17.75+	961	58.9	9.9	36.9
5-6 PM	4444	0.0	3000	2965	1479	17.42+	934	61.8	9.9	36.9
6-7 PM	3856	0.0	OFF	3856	0	2.14	195	65.8	30.2	30.2
7-8 PM	3422	0.0	OFF	3422	0	0.00	0	67.8	67.8	67.8
8-9 PM	3273	0.0	OFF	3273	0	0.00	0	68.0	68.0	68.0
9-10 PM	3420	0.0	OFF	3420	0	0.00	0	67.8	67.8	67.8
10-11 PM	2713	0.0	OFF	2713	0	0.00	0	68.7	68.7	68.7
11PM-MID	2041	0.0	OFF	2041	0	0.00	0	69.5	69.5	69.5

"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	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	0.0243
MAIN ROUTE WITH WORKS	0.0173
'DIVERSION'	0.0115

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$204,537
CONGESTED HOURS PER DAY*	9

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

