

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

MON-THUR 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	1105	0.0	3000	1105	0	0.36	0	70.2	58.0	49.7
1-2 AM	659	0.0	3000	659	0	0.36	0	70.2	58.0	49.7
2-3 AM	580	0.0	3000	580	0	0.36	0	70.2	58.0	49.7
3-4 AM	650	0.0	3000	650	0	0.36	0	70.2	58.0	49.7
4-5 AM	1035	0.0	3000	1035	0	0.36	0	70.2	58.0	49.7
5-6 AM	2809	0.0	2999	2809	0	1.03	45	68.6	43.2	43.3
6-7 AM	5504	0.0	3000	3794	1710	14.43+	820	54.6	10.7	37.2
7-8 AM	6274	0.0	2999	3000	3274	17.05+	961	49.3	9.9	36.9
8-9 AM	5233	0.0	3000	3000	2233	17.59+	961	56.4	9.9	36.9
9-10 AM	4472	0.0	2999	2945	1526	17.52+	939	61.6	9.9	36.9
10-11 AM	4579	0.0	2999	3026	1553	17.53+	942	60.9	9.9	36.9
11AM-NOON	4693	0.0	3000	3011	1682	17.77+	958	60.1	9.9	36.9
NOON-1PM	4575	0.0	3000	2982	1592	17.62+	947	60.9	9.9	36.9
1-2 PM	4501	0.0	3000	3004	1496	17.44+	935	61.4	9.9	36.9
2-3 PM	5240	0.0	2999	3000	2240	17.59+	961	56.4	9.9	36.9
3-4 PM	5624	0.0	3000	3000	2624	17.41+	961	53.7	9.9	36.9
4-5 PM	5455	0.0	3000	3000	2455	17.49+	961	54.9	9.9	36.9
5-6 PM	5112	0.0	2999	3000	2112	17.65+	961	57.3	9.9	36.9
6-7 PM	4217	0.0	3000	2960	1258	17.15+	914	63.3	10.0	36.9
7-8 PM	3363	0.0	2999	2990	373	16.83+	884	67.9	10.1	36.9
8-9 PM	2804	0.0	2999	2804	0	15.60+	817	68.6	10.4	36.9
9-10 PM	2752	0.0	3000	2752	0	11.47	592	68.6	11.9	36.9
10-11 PM	2288	0.0	2999	2288	0	2.01	167	69.2	32.7	44.8
11PM-MID	1744	0.0	3000	1744	0	0.36	0	69.9	57.9	49.7

+ 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

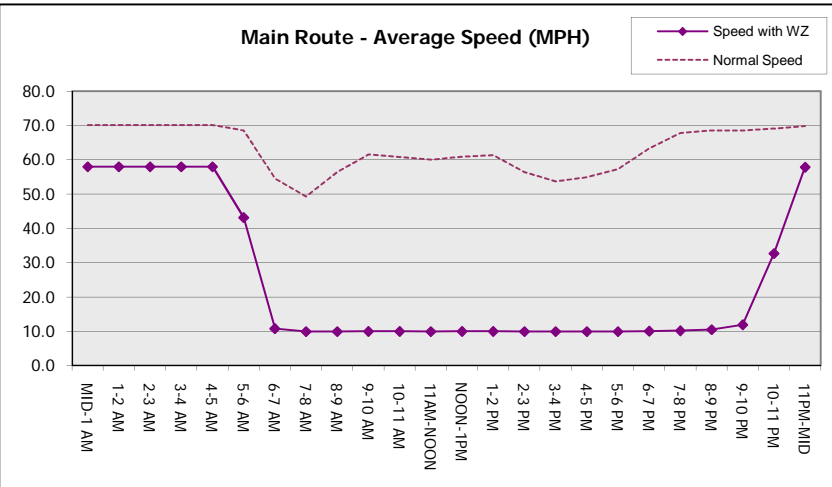
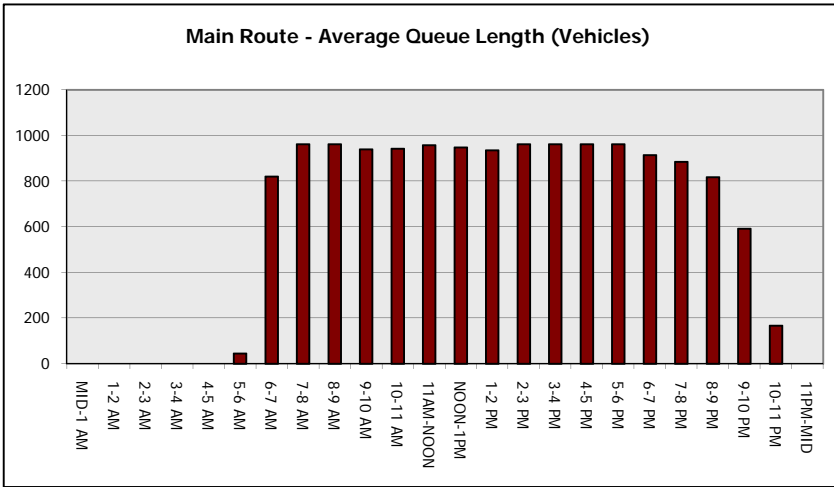
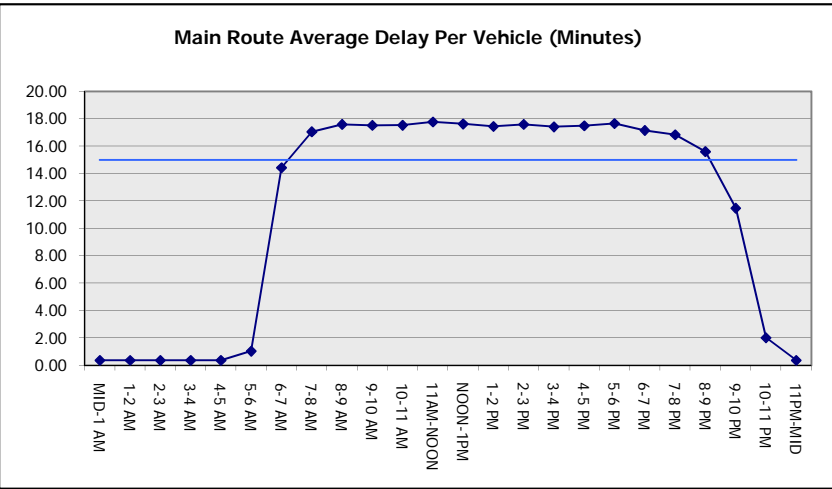
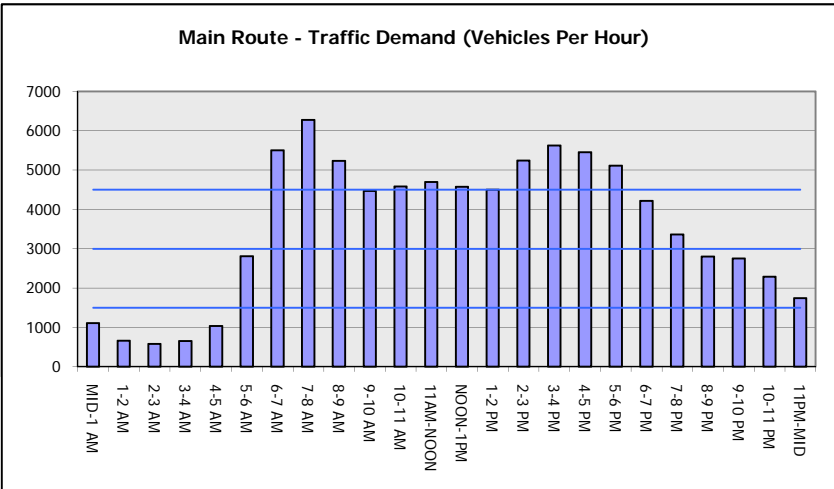
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0271
MAIN ROUTE WITH WORKS	0.0149
'DIVERSION'	0.0193
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$278,965
CONGESTED HOURS PER DAY*	15

*Delays Exceeding User-Specified Maximum

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AUGUST
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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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

MON-THUR 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	978	0.0	3000	978	0	0.36	0	70.2	58.0	49.7
1-2 AM	645	0.0	3000	645	0	0.36	0	70.2	58.0	49.7
2-3 AM	601	0.0	3000	601	0	0.36	0	70.2	58.0	49.7
3-4 AM	725	0.0	3000	725	0	0.36	0	70.2	58.0	49.7
4-5 AM	1531	0.0	3000	1531	0	0.36	0	70.1	58.0	49.7
5-6 AM	3326	0.0	2999	3326	0	1.70	91	67.9	34.6	37.4
6-7 AM	4751	0.0	3000	3623	1128	15.47+	847	59.7	10.4	36.9
7-8 AM	4880	0.0	2999	2986	1894	17.72+	960	58.8	9.9	36.9
8-9 AM	4489	0.0	2999	2954	1535	17.53+	940	61.5	9.9	36.9
9-10 AM	4351	0.0	2999	2986	1365	17.22+	920	62.4	10.0	36.9
10-11 AM	4097	0.0	3000	2980	1117	16.84+	894	64.1	10.1	36.9
11AM-NOON	4341	0.0	2999	3033	1308	17.11+	914	62.5	10.0	36.9
NOON-1PM	4661	0.0	3000	3033	1628	17.65+	951	60.3	9.9	36.9
1-2 PM	4695	0.0	3000	2985	1710	17.70+	954	60.1	9.9	36.9
2-3 PM	5672	0.0	3000	3000	2672	17.38+	961	53.4	9.9	36.9
3-4 PM	6189	0.0	3000	3000	3189	17.10+	961	49.9	9.9	36.9
4-5 PM	6750	0.0	3000	3000	3750	16.75+	961	46.1	9.9	36.9
5-6 PM	6702	0.0	3000	3000	3702	16.79+	961	46.4	9.9	36.9
6-7 PM	5136	0.0	3000	3007	2129	17.62+	960	57.1	9.9	36.9
7-8 PM	3713	0.0	3000	2955	758	16.93+	892	66.8	10.1	36.9
8-9 PM	3187	0.0	2999	2979	208	16.80+	882	68.1	10.1	36.9
9-10 PM	2972	0.0	2999	2938	34	16.55+	868	68.4	10.2	36.9
10-11 PM	2439	0.0	2999	2439	0	10.89+	582	69.0	12.3	38.4
11PM-MID	1713	0.0	3000	1713	0	0.64	31	69.9	50.9	49.7

+ 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	0.0282
MAIN ROUTE WITH WORKS	0.0152
'DIVERSION'	0.0207

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$295,264
CONGESTED HOURS PER DAY*	17

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

