

IH 94: CTH Y/LAYTON AVE TO CTH ZZ/COLLEGE AVE (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) 2 LANE 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	1499	1105	0	8.39	246	70.2	12.4	37.1	
1-2 AM	659	0.0	1500	659	0	0.46	0	70.2	55.4	46.2	
2-3 AM	580	0.0	1500	580	0	0.44	0	70.2	55.8	46.6	
3-4 AM	650	0.0	1500	650	0	0.45	0	70.2	55.6	46.3	
4-5 AM	1035	0.0	1499	1035	0	0.60	0	70.2	51.9	41.7	
5-6 AM	2809	0.0	1499	1881	928	11.48+	303	68.6	9.8	32.5	
6-7 AM	5504	0.0	1499	1500	4004	16.51+	420	54.6	7.5	32.5	
7-8 AM	6274	0.0	1500	1500	4774	16.23+	420	49.3	7.5	32.5	
8-9 AM	5233	0.0	1500	1500	3733	16.59+	420	56.4	7.5	32.5	
9-10 AM	4472	0.0	1500	1500	2972	16.81+	420	61.6	7.5	32.5	
10-11 AM	4579	0.0	1500	1500	3079	16.78+	420	60.9	7.5	32.5	
11AM-NOON	4693	0.0	1500	1500	3193	16.75+	420	60.1	7.5	32.5	
NOON-1PM	4575	0.0	1500	1500	3075	16.78+	420	60.9	7.5	32.5	
1-2 PM	4501	0.0	1500	1500	3001	16.80+	420	61.4	7.5	32.5	
2-3 PM	5240	0.0	1500	1500	3740	16.59+	420	56.4	7.5	32.5	
3-4 PM	5624	0.0	1500	1500	4124	16.47+	420	53.7	7.5	32.5	
4-5 PM	5455	0.0	1500	1500	3955	16.52+	420	54.9	7.5	32.5	
5-6 PM	5112	0.0	1500	1500	3612	16.63+	420	57.3	7.5	32.5	
6-7 PM	4217	0.0	1500	1500	2717	16.87+	420	63.3	7.5	32.5	
7-8 PM	3363	0.0	1500	1509	1854	16.98+	419	67.9	7.5	32.5	
8-9 PM	2804	0.0	1500	1514	1290	16.82+	414	68.6	7.5	32.5	
9-10 PM	2752	0.0	1500	1506	1246	16.80+	414	68.6	7.5	32.5	
10-11 PM	2288	0.0	1500	1500	788	16.73+	411	69.2	7.6	32.5	
11PM-MID	1744	0.0	1500	1500	244	16.73+	411	69.9	7.6	32.5	

+ 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

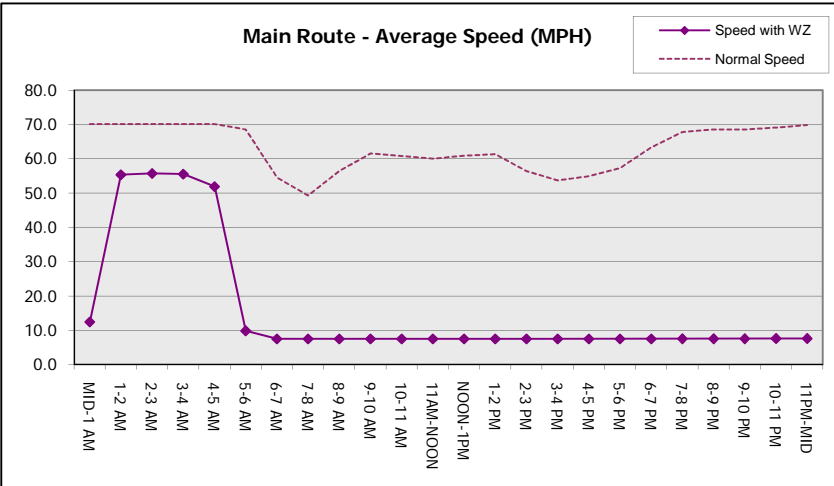
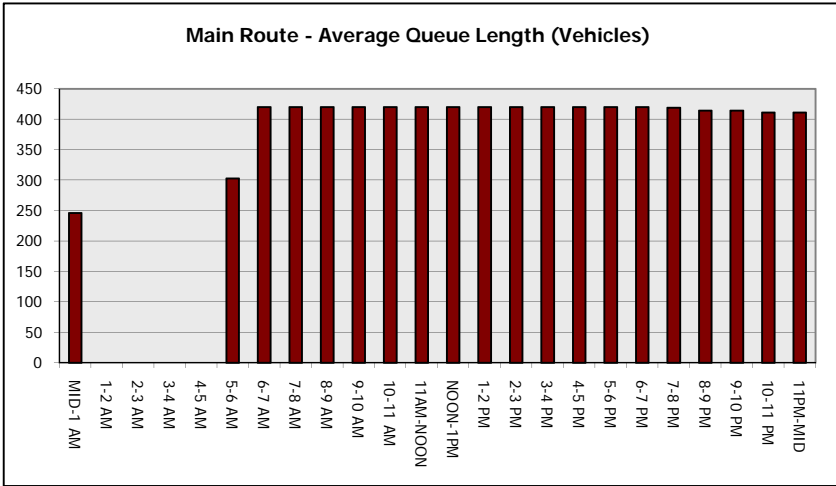
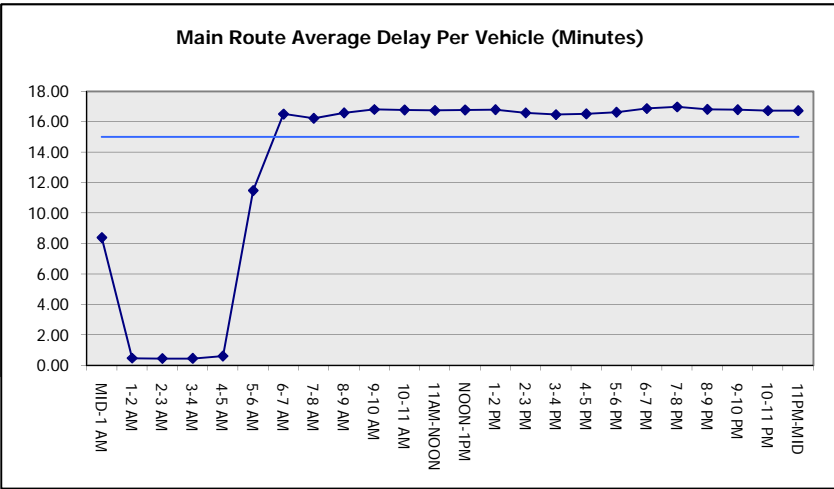
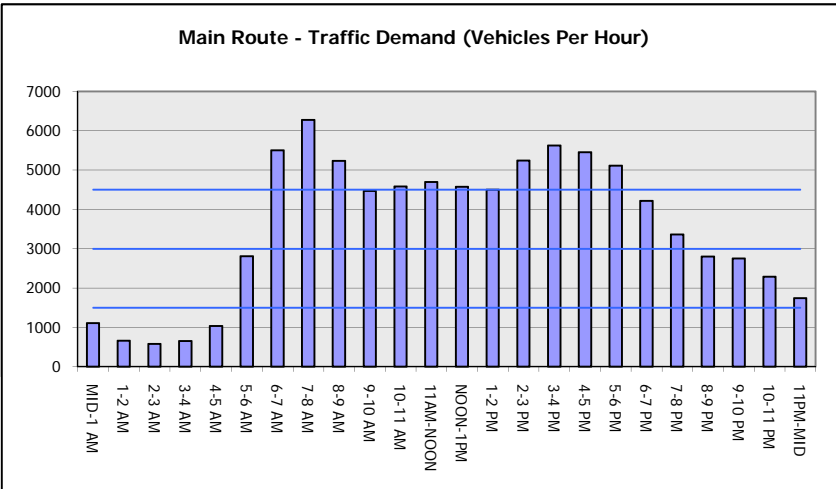
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0271
MAIN ROUTE WITH WORKS	0.0083
'DIVERSION'	0.0386
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$294,063
CONGESTED HOURS PER DAY*	19

*Delays Exceeding User-Specified Maximum

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CONTINUOUS (24 HOUR) 2 LANE CLOSURE
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AUGUST
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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) 2 LANE 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	1499	978	0	4.10	187	70.2	21.2	39.2	
1-2 AM	645	0.0	1500	645	0	0.45	0	70.2	55.6	46.3	
2-3 AM	601	0.0	1500	601	0	0.44	0	70.2	55.7	46.5	
3-4 AM	725	0.0	1500	725	0	0.46	0	70.2	55.3	46.0	
4-5 AM	1531	0.0	1499	1531	0	1.67	44	70.1	35.5	36.6	
5-6 AM	3326	0.0	1499	1797	1529	16.00+	398	67.9	7.8	32.5	
6-7 AM	4751	0.0	1499	1500	3251	16.73+	420	59.7	7.5	32.5	
7-8 AM	4880	0.0	1500	1500	3380	16.70+	420	58.8	7.5	32.5	
8-9 AM	4489	0.0	1500	1500	2989	16.80+	420	61.5	7.5	32.5	
9-10 AM	4351	0.0	1500	1500	2851	16.84+	420	62.4	7.5	32.5	
10-11 AM	4097	0.0	1500	1500	2597	16.90+	420	64.1	7.5	32.5	
11AM-NOON	4341	0.0	1500	1500	2841	16.84+	420	62.5	7.5	32.5	
NOON-1PM	4661	0.0	1500	1500	3161	16.76+	420	60.3	7.5	32.5	
1-2 PM	4695	0.0	1500	1500	3195	16.75+	420	60.1	7.5	32.5	
2-3 PM	5672	0.0	1500	1500	4172	16.45+	420	53.4	7.5	32.5	
3-4 PM	6189	0.0	1500	1500	4689	16.26+	420	49.9	7.5	32.5	
4-5 PM	6750	0.0	1500	1500	5250	16.02+	420	46.1	7.5	32.5	
5-6 PM	6702	0.0	1500	1500	5202	16.04+	420	46.4	7.5	32.5	
6-7 PM	5136	0.0	1500	1500	3636	16.62+	420	57.1	7.5	32.5	
7-8 PM	3713	0.0	1500	1492	2221	16.96+	419	66.8	7.5	32.5	
8-9 PM	3187	0.0	1499	1478	1709	16.95+	418	68.1	7.5	32.5	
9-10 PM	2972	0.0	1499	1484	1488	16.91+	417	68.4	7.5	32.5	
10-11 PM	2439	0.0	1499	1497	942	16.75+	412	69.0	7.6	32.5	
11PM-MID	1713	0.0	1500	1479	234	16.65+	409	69.9	7.6	32.5	

+ 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	0.0084
'DIVERSION'	0.0408

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$305,331
CONGESTED HOURS PER DAY*	19

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

