

IH 94: CTH Y/LAYTON AVE TO CTH ZZ/COLLEGE AVE (MILWAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	931	0.0	1499	931	0	2.09	99	70.2	31.7	41.7
1-2 AM	533	0.0	1500	533	0	0.44	0	70.2	55.9	46.8
2-3 AM	496	0.0	1500	496	0	0.43	0	70.2	56.0	46.9
3-4 AM	621	0.0	1500	621	0	0.45	0	70.2	55.6	46.4
4-5 AM	946	0.0	1499	946	0	0.54	0	70.2	53.3	43.3
5-6 AM	2780	0.0	1499	1875	905	11.35+	301	68.6	9.9	32.5
6-7 AM	5315	0.0	1499	1500	3815	16.57+	420	55.8	7.5	32.5
7-8 AM	6052	0.0	1500	1500	4552	16.31+	420	50.8	7.5	32.5
8-9 AM	4882	0.0	1500	1500	3382	16.70+	420	58.8	7.5	32.5
9-10 AM	3767	0.0	1500	1500	2267	16.98+	420	66.4	7.5	32.5
10-11 AM	3973	0.0	1500	1500	2473	16.93+	420	65.0	7.5	32.5
11AM-NOON	3986	0.0	1500	1500	2486	16.93+	420	65.0	7.5	32.5
NOON-1PM	4146	0.0	1500	1500	2646	16.89+	420	63.8	7.5	32.5
1-2 PM	4228	0.0	1500	1500	2728	16.87+	420	63.3	7.5	32.5
2-3 PM	4961	0.0	1500	1500	3461	16.67+	420	58.2	7.5	32.5
3-4 PM	5350	0.0	1500	1500	3850	16.56+	420	55.6	7.5	32.5
4-5 PM	5062	0.0	1500	1500	3562	16.65+	420	57.6	7.5	32.5
5-6 PM	5038	0.0	1500	1500	3538	16.65+	420	57.8	7.5	32.5
6-7 PM	3898	0.0	1500	1500	2398	16.95+	420	65.5	7.5	32.5
7-8 PM	3209	0.0	1500	1517	1691	16.94+	418	68.1	7.5	32.5
8-9 PM	2708	0.0	1500	1510	1198	16.78+	413	68.7	7.5	32.5
9-10 PM	2678	0.0	1500	1504	1174	16.77+	413	68.7	7.5	32.5
10-11 PM	2048	0.0	1500	1500	548	16.73+	411	69.5	7.6	32.5
11PM-MID	1434	0.0	1500	1397	37	15.63+	383	70.2	7.9	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

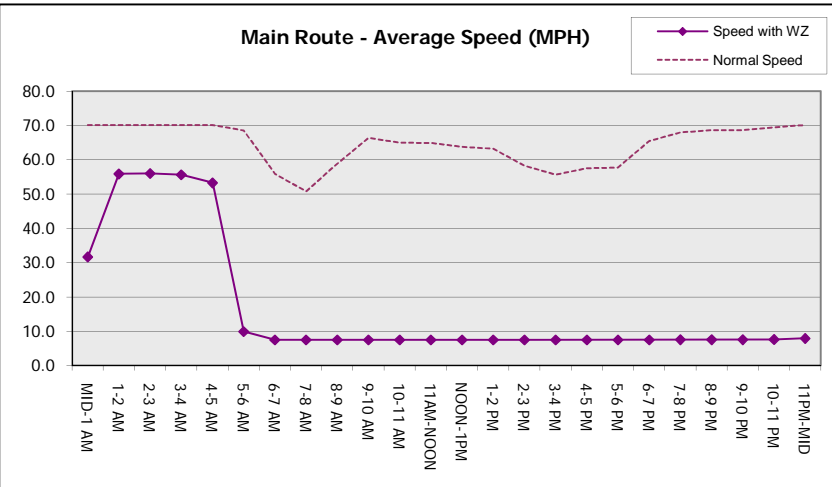
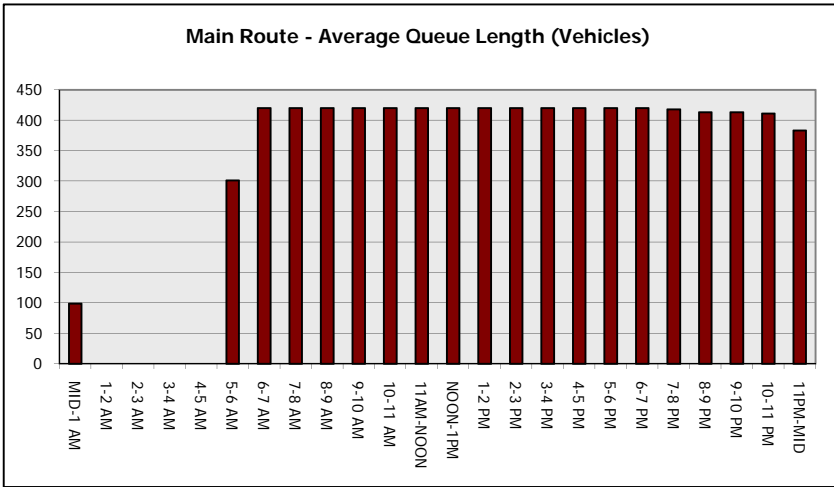
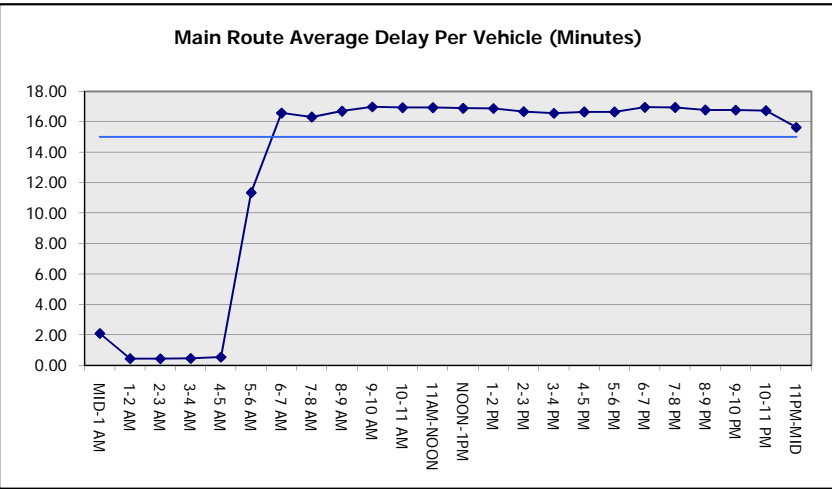
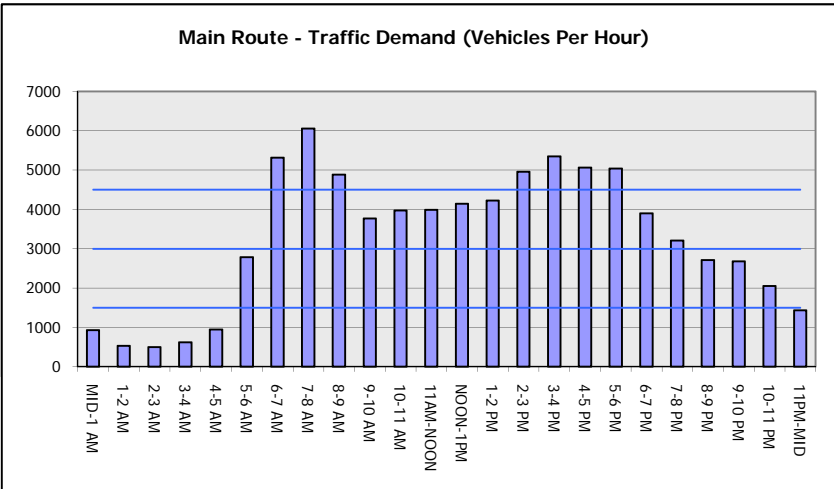
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0252
MAIN ROUTE WITH WORKS	0.0082
'DIVERSION'	0.0344
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$271,730
CONGESTED HOURS PER DAY*	19

*Delays Exceeding User-Specified Maximum

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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)	MAY
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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	811	0.0	1500	811	0	1.53	68	70.2	37.0	44.6
1-2 AM	560	0.0	1500	560	0	0.44	0	70.2	55.8	46.6
2-3 AM	567	0.0	1500	567	0	0.44	0	70.2	55.8	46.6
3-4 AM	733	0.0	1500	733	0	0.46	0	70.2	55.3	45.9
4-5 AM	1429	0.0	1499	1429	0	1.37	30	70.2	38.9	38.4
5-6 AM	3263	0.0	1500	1857	1406	15.31+	390	68.0	8.1	35.6
6-7 AM	4953	0.0	1499	1500	3453	16.68+	420	58.3	7.5	32.5
7-8 AM	4804	0.0	1500	1500	3304	16.72+	420	59.4	7.5	32.5
8-9 AM	4334	0.0	1500	1500	2834	16.84+	420	62.5	7.5	32.5
9-10 AM	3721	0.0	1499	1493	2228	16.96+	419	66.8	7.5	32.5
10-11 AM	3810	0.0	1499	1499	2310	16.96+	420	66.1	7.5	32.5
11AM-NOON	4107	0.0	1500	1500	2607	16.90+	420	64.1	7.5	32.5
NOON-1PM	4474	0.0	1500	1500	2974	16.81+	420	61.6	7.5	32.5
1-2 PM	4693	0.0	1500	1500	3193	16.75+	420	60.1	7.5	32.5
2-3 PM	5538	0.0	1500	1500	4038	16.50+	420	54.3	7.5	32.5
3-4 PM	5863	0.0	1500	1500	4363	16.38+	420	52.1	7.5	32.5
4-5 PM	6409	0.0	1500	1500	4909	16.17+	420	48.4	7.5	32.5
5-6 PM	6643	0.0	1500	1500	5143	16.07+	420	46.8	7.5	32.5
6-7 PM	4697	0.0	1500	1500	3197	16.75+	420	60.1	7.5	32.5
7-8 PM	3474	0.0	1499	1486	1988	16.97+	419	67.8	7.5	32.5
8-9 PM	3011	0.0	1499	1477	1534	16.92+	417	68.3	7.5	32.5
9-10 PM	2781	0.0	1499	1489	1292	16.82+	414	68.6	7.5	32.5
10-11 PM	2191	0.0	1500	1499	691	16.73+	411	69.3	7.6	32.5
11PM-MID	1405	0.0	1499	1359	46	15.44+	379	70.2	7.9	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	0.0268
MAIN ROUTE WITH WORKS	0.0083
'DIVERSION'	0.0380

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$289,628
CONGESTED HOURS PER DAY*	19

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

