

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

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	1322	0.0	1499	1322	0	14.46+	356	70.2	8.3	32.5	
1-2 AM	837	0.0	1500	837	0	1.25	49	70.2	40.5	45.0	
2-3 AM	687	0.0	1500	687	0	0.45	0	70.2	55.5	46.1	
3-4 AM	573	0.0	1500	573	0	0.44	0	70.2	55.8	46.6	
4-5 AM	681	0.0	1500	681	0	0.45	0	70.2	55.5	46.1	
5-6 AM	1239	0.0	1499	1239	0	0.68	0	70.2	50.2	39.7	
6-7 AM	1991	0.0	1499	1991	0	6.58	200	69.6	15.0	32.5	
7-8 AM	2687	0.0	1500	1472	1215	16.88+	416	68.7	7.5	32.5	
8-9 AM	3349	0.0	1499	1487	1862	16.97+	419	67.9	7.5	32.5	
9-10 AM	2672	0.0	1499	1486	1187	16.81+	414	68.7	7.5	32.5	
10-11 AM	3471	0.0	1499	1496	1975	17.00+	420	67.8	7.5	32.5	
11AM-NOON	4757	0.0	1500	1500	3257	16.73+	420	59.7	7.5	32.5	
NOON-1PM	4788	0.0	1500	1500	3288	16.72+	420	59.4	7.5	32.5	
1-2 PM	4632	0.0	1500	1500	3132	16.77+	420	60.5	7.5	32.5	
2-3 PM	5077	0.0	1500	1500	3577	16.64+	420	57.5	7.5	32.5	
3-4 PM	5117	0.0	1500	1500	3617	16.63+	420	57.2	7.5	32.5	
4-5 PM	4986	0.0	1500	1500	3486	16.67+	420	58.1	7.5	32.5	
5-6 PM	4649	0.0	1500	1500	3149	16.76+	420	60.4	7.5	32.5	
6-7 PM	4139	0.0	1500	1500	2639	16.89+	420	63.9	7.5	32.5	
7-8 PM	2601	0.0	1500	1494	1107	16.79+	413	68.8	7.5	32.5	
8-9 PM	2408	0.0	1499	1499	909	16.74+	412	69.1	7.6	32.5	
9-10 PM	2803	0.0	1499	1495	1308	16.82+	414	68.6	7.5	32.5	
10-11 PM	2353	0.0	1500	1500	854	16.74+	412	69.1	7.6	32.5	
11PM-MID	1723	0.0	1500	1499	224	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	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

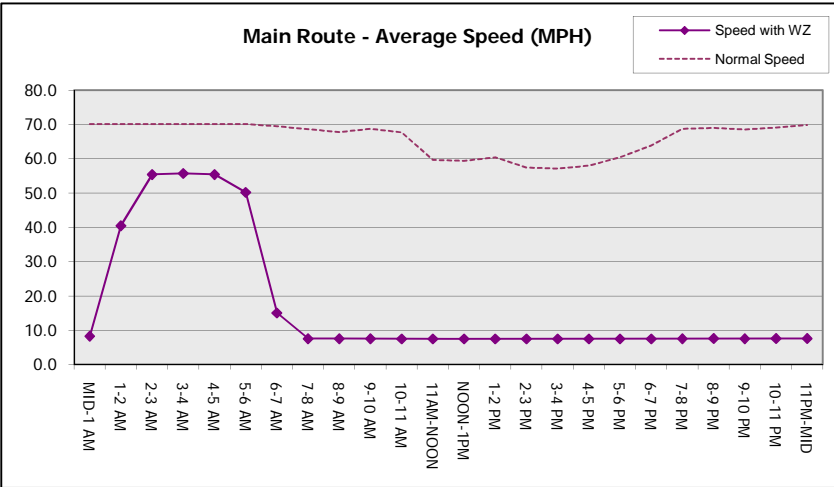
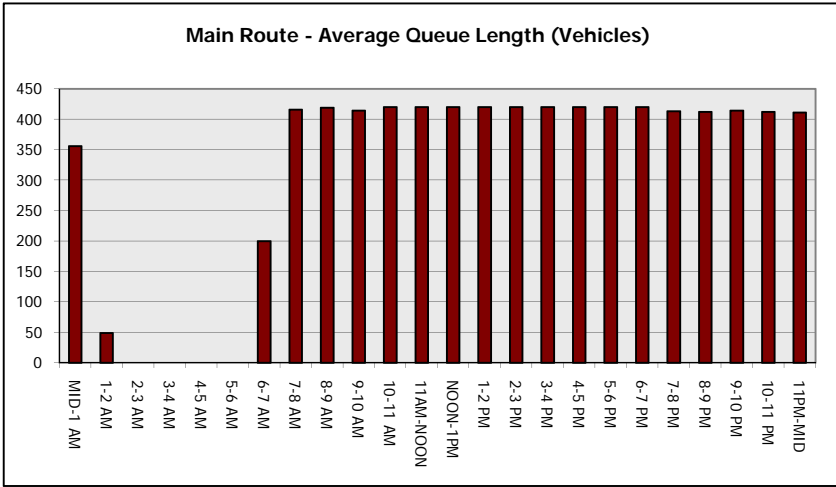
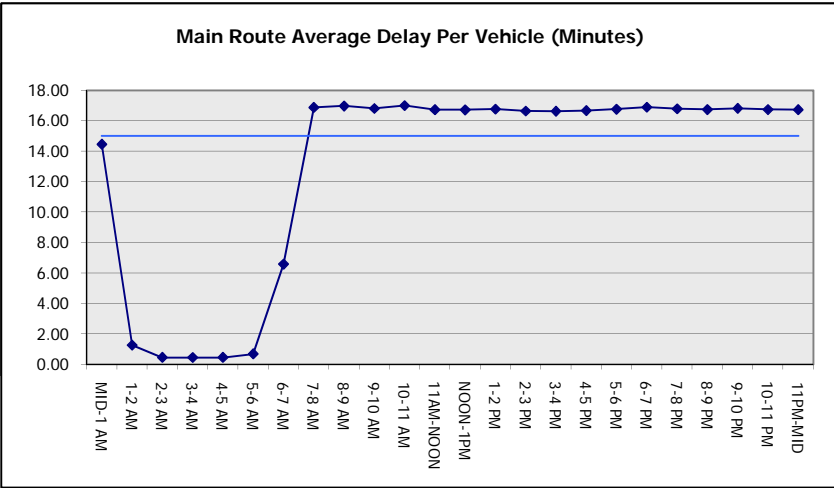
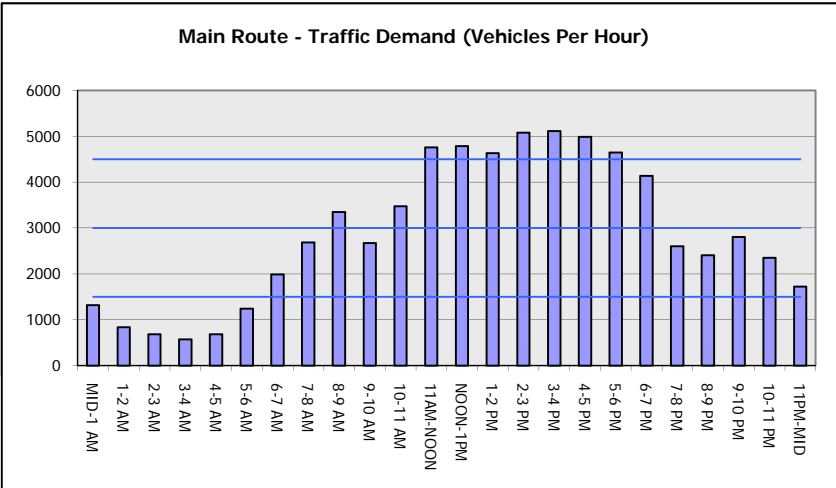
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0221
MAIN ROUTE WITH WORKS	0.0083
'DIVERSION'	0.0271
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$291,926
CONGESTED HOURS PER DAY*	18

*Delays Exceeding User-Specified Maximum

**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

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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
	Analyzed for 2009 Construction Season

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	1248	0.0	1499	1248	0	12.75+	319	70.2	9.0	33.3
1-2 AM	888	0.0	1500	888	0	0.90	23	70.2	46.0	45.1
2-3 AM	857	0.0	1500	857	0	0.48	0	70.2	54.9	45.4
3-4 AM	699	0.0	1500	699	0	0.46	0	70.2	55.4	46.1
4-5 AM	980	0.0	1499	980	0	0.49	0	70.2	54.5	44.8
5-6 AM	1812	0.0	1499	1812	0	4.46	122	69.8	19.4	32.5
6-7 AM	2035	0.0	1499	1604	431	16.29+	400	69.5	7.7	32.5
7-8 AM	2417	0.0	1499	1500	917	16.74+	412	69.1	7.6	32.5
8-9 AM	3164	0.0	1499	1503	1662	16.99+	419	68.1	7.5	32.5
9-10 AM	2687	0.0	1500	1498	1189	16.77+	413	68.7	7.5	32.5
10-11 AM	3597	0.0	1499	1500	2097	17.01+	420	67.6	7.5	32.5
11AM-NOON	4832	0.0	1499	1500	3332	16.71+	420	59.1	7.5	32.5
NOON-1PM	5086	0.0	1499	1500	3586	16.64+	420	57.4	7.5	32.5
1-2 PM	4932	0.0	1500	1500	3432	16.68+	420	58.4	7.5	32.5
2-3 PM	5020	0.0	1500	1500	3520	16.66+	420	57.9	7.5	32.5
3-4 PM	4856	0.0	1499	1500	3356	16.70+	420	59.0	7.5	32.5
4-5 PM	4647	0.0	1499	1500	3147	16.76+	420	60.4	7.5	32.5
5-6 PM	4382	0.0	1500	1500	2882	16.83+	420	62.2	7.5	32.5
6-7 PM	3749	0.0	1500	1500	2249	16.98+	420	66.6	7.5	32.5
7-8 PM	2468	0.0	1500	1499	969	16.74+	412	69.0	7.6	32.5
8-9 PM	2435	0.0	1500	1500	935	16.74+	412	69.0	7.6	32.5
9-10 PM	3132	0.0	1499	1503	1630	16.98+	419	68.1	7.5	32.5
10-11 PM	2452	0.0	1500	1499	953	16.74+	412	69.0	7.6	32.5
11PM-MID	1852	0.0	1500	1500	352	16.73+	411	69.7	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	0.0224
MAIN ROUTE WITH WORKS	0.0085
'DIVERSION'	0.0270

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$296,339
CONGESTED HOURS PER DAY*	19

*Delays Exceeding User-Specified Maximum

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

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

