

IH 94: CTH Y/LAYTON AVE TO CTH ZZ/COLLEGE AVE (MILWAUKEE COUNTY) OFF-PEAK DAY 2 LANE 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	OFF	1322	0	0.00	0	70.2	70.2	70.2	
1-2 AM	837	0.0	OFF	837	0	0.00	0	70.2	70.2	70.2	
2-3 AM	687	0.0	OFF	687	0	0.00	0	70.2	70.2	70.2	
3-4 AM	573	0.0	OFF	573	0	0.00	0	70.2	70.2	70.2	
4-5 AM	681	0.0	OFF	681	0	0.00	0	70.2	70.2	70.2	
5-6 AM	1239	0.0	OFF	1239	0	0.00	0	70.2	70.2	70.2	
6-7 AM	1991	0.0	OFF	1991	0	0.00	0	69.6	69.6	69.6	
7-8 AM	2687	0.0	OFF	2687	0	0.00	0	68.7	68.7	68.7	
8-9 AM	3349	0.0	1499	1573	1776	17.09+	429	67.9	7.5	39.0	
9-10 AM	2672	0.0	1499	1696	977	14.45+	378	68.7	8.4	37.6	
10-11 AM	3471	0.0	1499	1535	1936	16.68+	417	67.8	7.6	36.8	
11AM-NOON	4757	0.0	1499	1500	3257	16.54+	420	59.7	7.6	36.5	
NOON-1PM	4788	0.0	1500	1500	3288	16.53+	420	59.4	7.6	36.5	
1-2 PM	4632	0.0	1500	1500	3132	16.57+	420	60.5	7.6	36.5	
2-3 PM	5077	0.0	1500	1500	3577	16.44+	420	57.5	7.6	36.5	
3-4 PM	5117	0.0	1500	1500	3617	16.43+	420	57.2	7.6	36.5	
4-5 PM	4986	0.0	1500	1500	3486	16.47+	420	58.1	7.6	36.5	
5-6 PM	4649	0.0	1500	1500	3149	16.57+	420	60.4	7.6	36.5	
6-7 PM	4139	0.0	OFF	4139	0	0.31	24	63.9	54.8	54.8	
7-8 PM	2601	0.0	OFF	2601	0	0.00	0	68.8	68.8	68.8	
8-9 PM	2408	0.0	OFF	2408	0	0.00	0	69.1	69.1	69.1	
9-10 PM	2803	0.0	OFF	2803	0	0.00	0	68.6	68.6	68.6	
10-11 PM	2353	0.0	OFF	2353	0	0.00	0	69.1	69.1	69.1	
11PM-MID	1723	0.0	OFF	1723	0	0.00	0	69.9	69.9	69.9	

"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

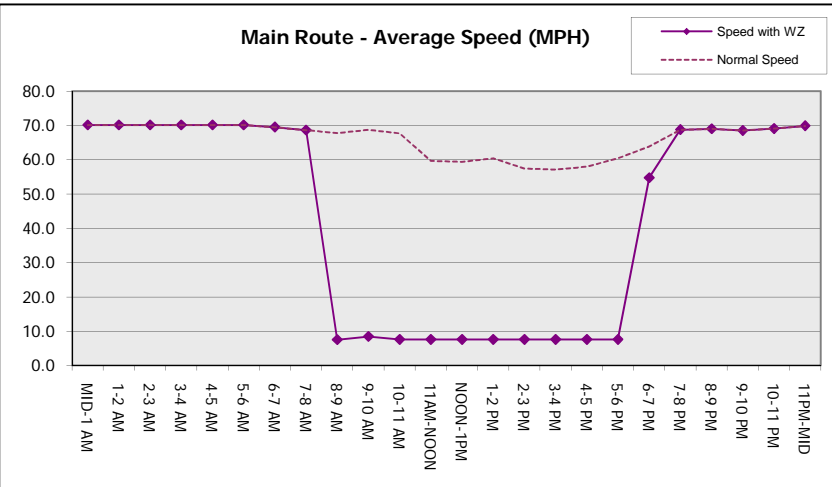
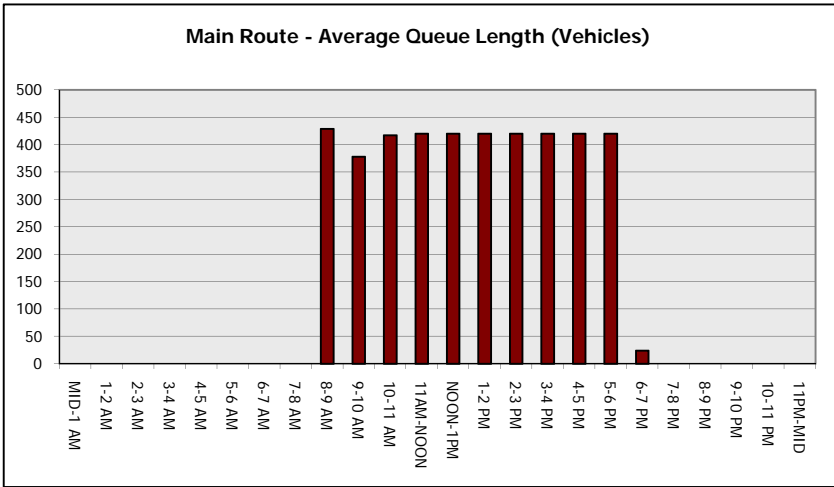
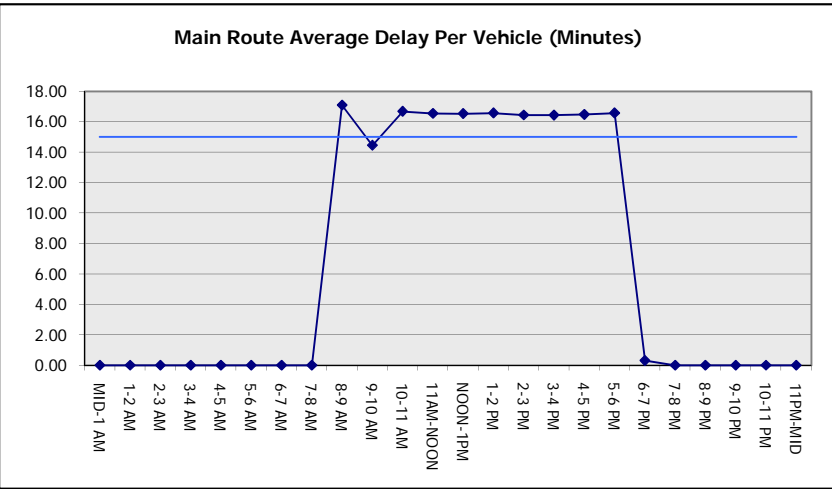
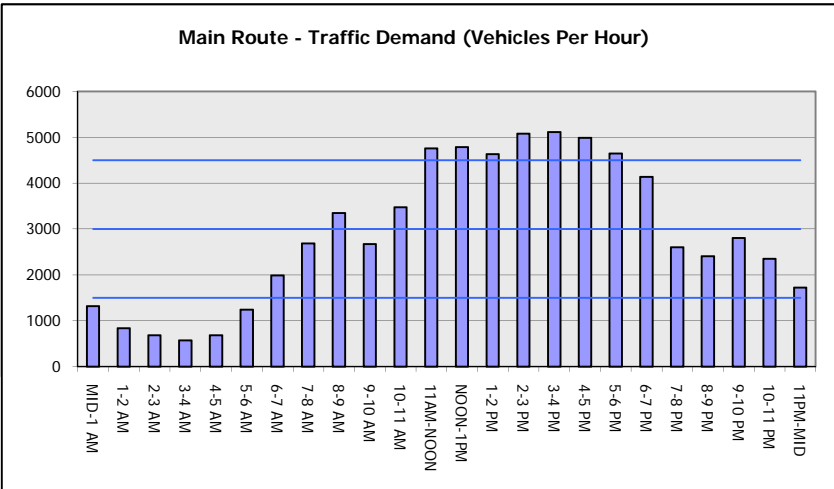
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0221
MAIN ROUTE WITH WORKS	0.0122
'DIVERSION'	0.0208
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$195,742
CONGESTED HOURS PER DAY*	10

*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 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	1248	0.0	OFF	1248	0	0.00	0	70.2	70.2	70.2
1-2 AM	888	0.0	OFF	888	0	0.00	0	70.2	70.2	70.2
2-3 AM	857	0.0	OFF	857	0	0.00	0	70.2	70.2	70.2
3-4 AM	699	0.0	OFF	699	0	0.00	0	70.2	70.2	70.2
4-5 AM	980	0.0	OFF	980	0	0.00	0	70.2	70.2	70.2
5-6 AM	1812	0.0	OFF	1812	0	0.00	0	69.8	69.8	69.8
6-7 AM	2035	0.0	OFF	2035	0	0.00	0	69.5	69.5	69.5
7-8 AM	2417	0.0	OFF	2417	0	0.00	0	69.1	69.1	69.1
8-9 AM	3164	0.0	1499	1565	1599	16.89+	424	68.1	7.6	39.0
9-10 AM	2687	0.0	1499	1742	945	14.24+	371	68.7	8.4	37.3
10-11 AM	3597	0.0	1499	1523	2073	16.82+	418	67.6	7.5	34.3
11AM-NOON	4832	0.0	1499	1500	3332	16.61+	420	59.1	7.5	34.3
NOON-1PM	5086	0.0	1500	1500	3586	16.54+	420	57.4	7.5	34.3
1-2 PM	4932	0.0	1500	1500	3432	16.58+	420	58.4	7.5	34.3
2-3 PM	5020	0.0	1500	1500	3520	16.56+	420	57.9	7.5	34.3
3-4 PM	4856	0.0	1500	1500	3356	16.61+	420	59.0	7.5	34.3
4-5 PM	4647	0.0	1500	1500	3147	16.66+	420	60.4	7.5	34.3
5-6 PM	4382	0.0	1500	1500	2882	16.73+	420	62.2	7.5	34.3
6-7 PM	3749	0.0	OFF	3749	0	0.31	24	66.6	56.9	56.9
7-8 PM	2468	0.0	OFF	2468	0	0.00	0	69.0	69.0	69.0
8-9 PM	2435	0.0	OFF	2435	0	0.00	0	69.0	69.0	69.0
9-10 PM	3132	0.0	OFF	3132	0	0.00	0	68.1	68.1	68.1
10-11 PM	2452	0.0	OFF	2452	0	0.00	0	69.0	69.0	69.0
11PM-MID	1852	0.0	OFF	1852	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	0.0224
MAIN ROUTE WITH WORKS	0.0125
'DIVERSION'	0.0206

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$195,126
CONGESTED HOURS PER DAY*	10

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

