

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)	AUGUST
	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	1387	0.0	OFF	1387	0	0.00	0	70.2	70.2	70.2	
1-2 AM	875	0.0	OFF	875	0	0.00	0	70.2	70.2	70.2	
2-3 AM	706	0.0	OFF	706	0	0.00	0	70.2	70.2	70.2	
3-4 AM	649	0.0	OFF	649	0	0.00	0	70.2	70.2	70.2	
4-5 AM	685	0.0	OFF	685	0	0.00	0	70.2	70.2	70.2	
5-6 AM	1337	0.0	OFF	1337	0	0.00	0	70.2	70.2	70.2	
6-7 AM	2059	0.0	OFF	2059	0	0.00	0	69.5	69.5	69.5	
7-8 AM	2616	0.0	OFF	2616	0	0.00	0	68.8	68.8	68.8	
8-9 AM	3725	0.0	1499	1573	2152	17.06+	429	66.7	7.5	39.0	
9-10 AM	4361	0.0	1499	1861	2500	15.33+	399	62.3	8.0	37.4	
10-11 AM	4888	0.0	1499	1500	3388	16.70+	420	58.7	7.5	32.5	
11AM-NOON	5072	0.0	1500	1500	3572	16.64+	420	57.5	7.5	32.5	
NOON-1PM	5301	0.0	1500	1500	3801	16.57+	420	56.0	7.5	32.5	
1-2 PM	5395	0.0	1500	1500	3895	16.54+	420	55.3	7.5	32.5	
2-3 PM	5250	0.0	1500	1500	3750	16.59+	420	56.3	7.5	32.5	
3-4 PM	5143	0.0	1500	1500	3643	16.62+	420	57.0	7.5	32.5	
4-5 PM	4974	0.0	1500	1500	3474	16.67+	420	58.2	7.5	32.5	
5-6 PM	4732	0.0	1500	1500	3232	16.74+	420	59.8	7.5	32.5	
6-7 PM	4016	0.0	OFF	4016	0	0.56	47	64.7	49.7	49.7	
7-8 PM	3645	0.0	OFF	3645	0	0.00	0	67.3	67.3	67.3	
8-9 PM	3126	0.0	OFF	3126	0	0.00	0	68.1	68.1	68.1	
9-10 PM	2885	0.0	OFF	2885	0	0.00	0	68.4	68.4	68.4	
10-11 PM	2444	0.0	OFF	2444	0	0.00	0	69.0	69.0	69.0	
11PM-MID	1913	0.0	OFF	1913	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

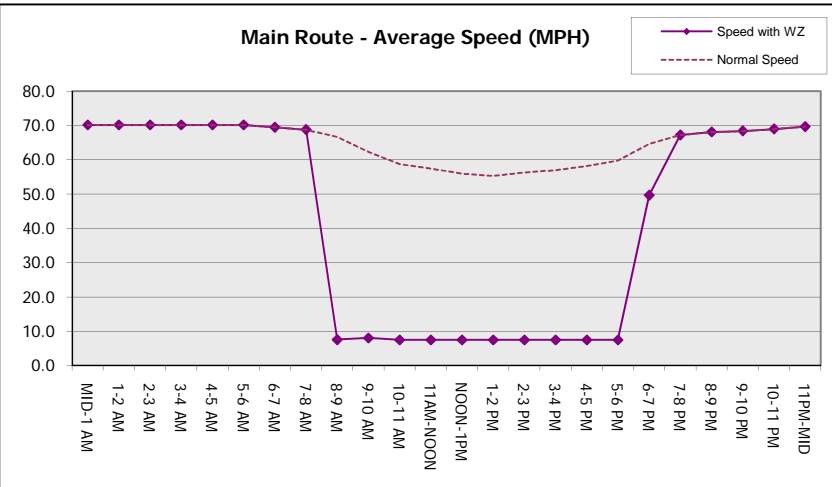
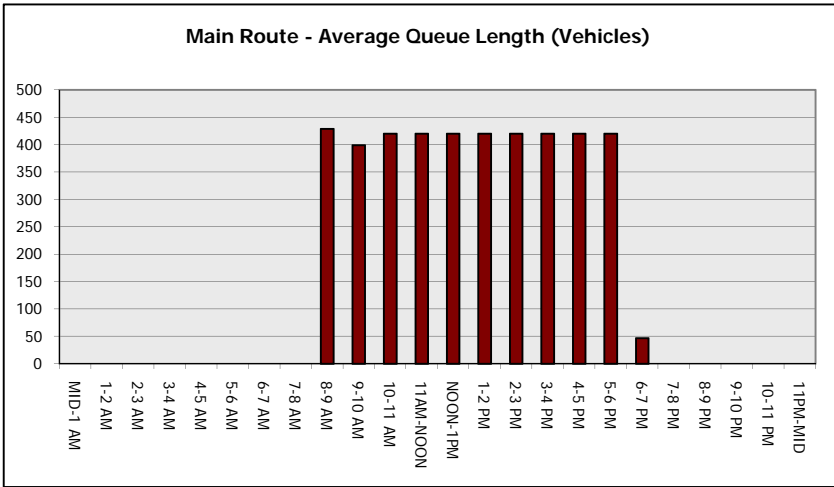
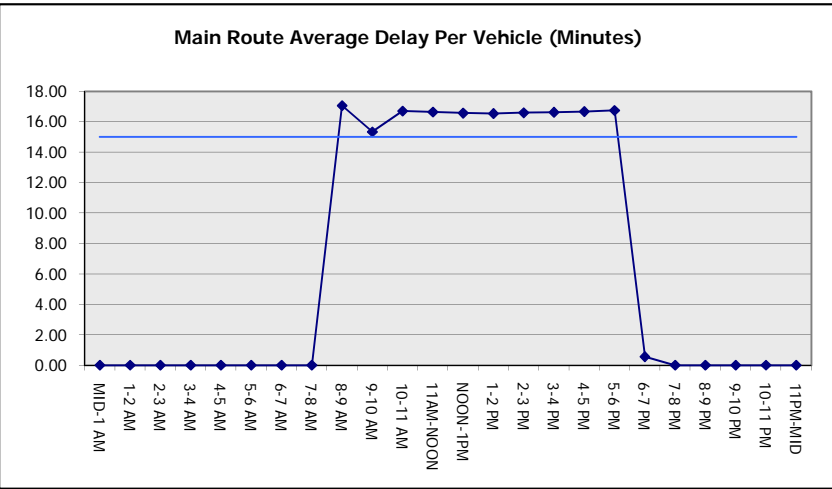
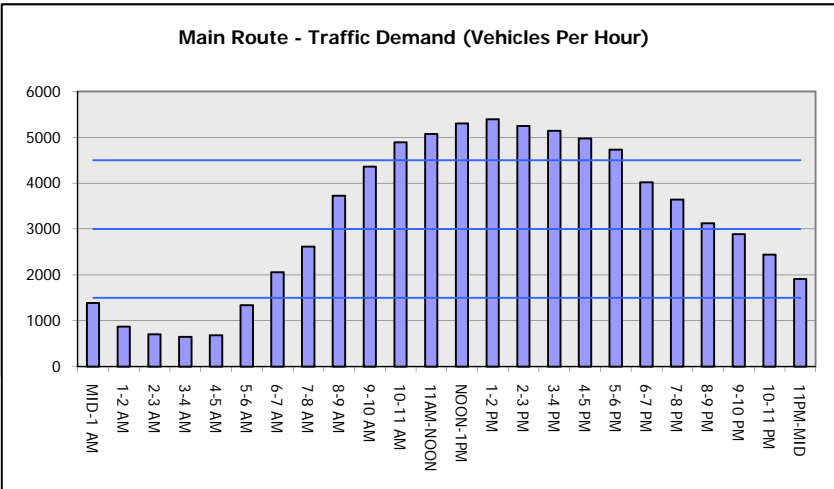
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0246
MAIN ROUTE WITH WORKS	0.0129
'DIVERSION'	0.0246
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$222,318
CONGESTED HOURS PER DAY*	10

*Delays Exceeding User-Specified Maximum

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)

AUGUST
 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) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	1500	0.0	OFF	1500	0	0.00	0	70.2	70.2	70.2
1-2 AM	930	0.0	OFF	930	0	0.00	0	70.2	70.2	70.2
2-3 AM	895	0.0	OFF	895	0	0.00	0	70.2	70.2	70.2
3-4 AM	766	0.0	OFF	766	0	0.00	0	70.2	70.2	70.2
4-5 AM	1052	0.0	OFF	1052	0	0.00	0	70.2	70.2	70.2
5-6 AM	1763	0.0	OFF	1763	0	0.00	0	69.9	69.9	69.9
6-7 AM	1891	0.0	OFF	1891	0	0.00	0	69.7	69.7	69.7
7-8 AM	2245	0.0	OFF	2245	0	0.00	0	69.2	69.2	69.2
8-9 AM	3112	0.0	1499	1701	1410	14.93+	377	68.2	8.1	38.2
9-10 AM	3937	0.0	1499	1634	2304	16.53+	411	65.3	7.6	33.2
10-11 AM	4476	0.0	1500	1500	2976	16.73+	420	61.6	7.5	34.0
11AM-NOON	4970	0.0	1500	1500	3470	16.59+	420	58.2	7.5	34.0
NOON-1PM	5207	0.0	1500	1500	3707	16.52+	420	56.6	7.5	34.0
1-2 PM	4996	0.0	1500	1500	3496	16.58+	420	58.0	7.5	34.0
2-3 PM	5292	0.0	1500	1500	3792	16.49+	420	56.0	7.5	34.0
3-4 PM	5121	0.0	1500	1500	3621	16.55+	420	57.2	7.5	34.0
4-5 PM	4861	0.0	1500	1500	3361	16.62+	420	58.9	7.5	34.0
5-6 PM	4444	0.0	1500	1500	2944	16.73+	420	61.8	7.5	34.0
6-7 PM	3856	0.0	OFF	3856	0	0.33	26	65.8	55.8	55.8
7-8 PM	3422	0.0	OFF	3422	0	0.00	0	67.8	67.8	67.8
8-9 PM	3273	0.0	OFF	3273	0	0.00	0	68.0	68.0	68.0
9-10 PM	3420	0.0	OFF	3420	0	0.00	0	67.8	67.8	67.8
10-11 PM	2713	0.0	OFF	2713	0	0.00	0	68.7	68.7	68.7
11PM-MID	2041	0.0	OFF	2041	0	0.00	0	69.5	69.5	69.5

"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	0.0243
MAIN ROUTE WITH WORKS	0.0133
'DIVERSION'	0.0229

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$210,167
CONGESTED HOURS PER DAY*	10

*Delays Exceeding User-Specified Maximum

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)

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

