

IH 94: CTH O TO STH 100 (WAUKESHA COUNTY) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	943	0.0	OFF	943	0	0.00	0	69.6	69.6	69.6
1-2 AM	635	0.0	OFF	635	0	0.00	0	69.9	69.9	69.9
2-3 AM	602	0.0	OFF	602	0	0.00	0	70.0	70.0	70.0
3-4 AM	331	0.0	OFF	331	0	0.00	0	70.2	70.2	70.2
4-5 AM	280	0.0	OFF	280	0	0.00	0	70.2	70.2	70.2
5-6 AM	462	0.0	OFF	462	0	0.00	0	70.2	70.2	70.2
6-7 AM	846	0.0	OFF	846	0	0.00	0	69.7	69.7	69.7
7-8 AM	1340	0.0	OFF	1340	0	0.00	0	69.1	69.1	69.1
8-9 AM	1778	0.0	OFF	1778	0	0.00	0	68.5	68.5	68.5
9-10 AM	2695	0.0	1499	1989	706	13.08+	327	67.4	11.7	32.1
10-11 AM	3031	0.0	1499	1500	1531	16.25+	399	66.9	9.7	31.5
11AM-NOON	3080	0.0	1500	1500	1580	16.25+	400	66.9	9.7	31.5
NOON-1PM	3584	0.0	1500	1500	2084	16.22+	400	66.3	9.7	31.5
1-2 PM	3922	0.0	1500	1500	2422	16.13+	400	64.1	9.7	31.5
2-3 PM	3632	0.0	1500	1500	2132	16.21+	400	66.1	9.7	31.5
3-4 PM	3864	0.0	1500	1500	2364	16.14+	400	64.5	9.7	31.5
4-5 PM	3898	0.0	1500	1500	2398	16.13+	400	64.2	9.7	31.5
5-6 PM	3746	0.0	1500	1500	2246	16.18+	400	65.3	9.7	31.5
6-7 PM	2910	0.0	1500	1500	1410	16.26+	400	67.1	9.7	31.5
7-8 PM	2171	0.0	OFF	2171	0	0.34	31	68.1	60.5	60.5
8-9 PM	1774	0.0	OFF	1774	0	0.00	0	68.6	68.6	68.6
9-10 PM	1241	0.0	OFF	1241	0	0.00	0	69.2	69.2	69.2
10-11 PM	1080	0.0	OFF	1080	0	0.00	0	69.4	69.4	69.4
11PM-MID	655	0.0	OFF	655	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	0.0239
MAIN ROUTE WITH WORKS	0.0136
'DIVERSION'	0.0216
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$151,447
CONGESTED HOURS PER DAY*	10

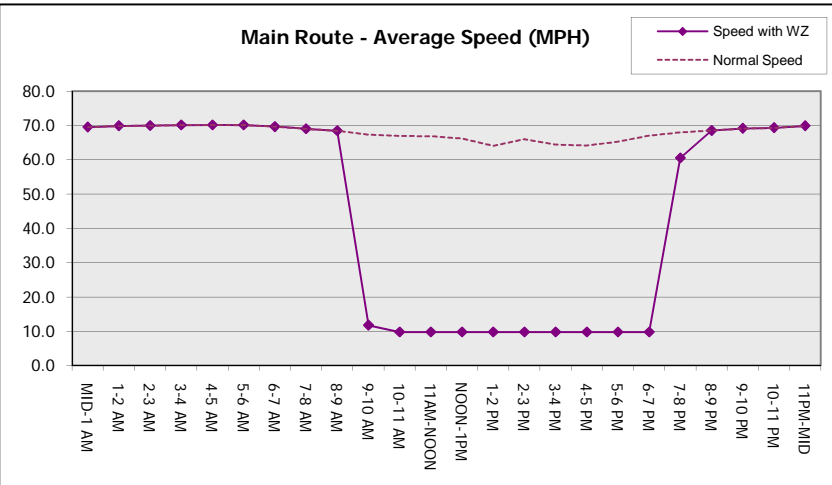
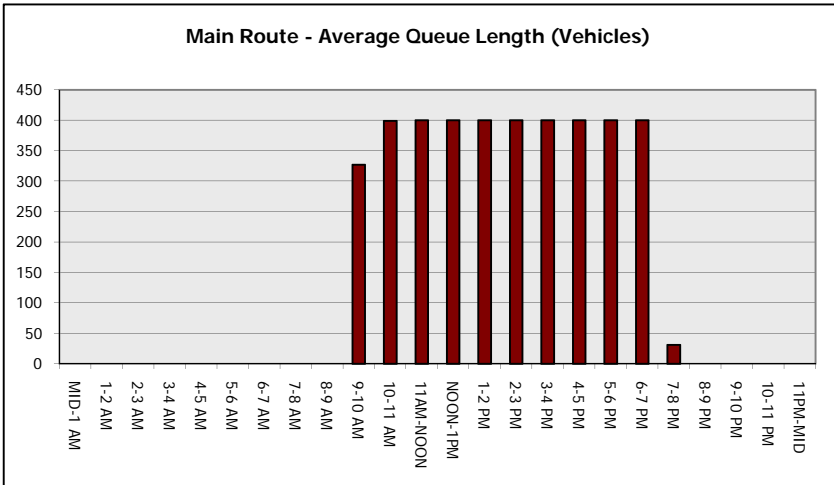
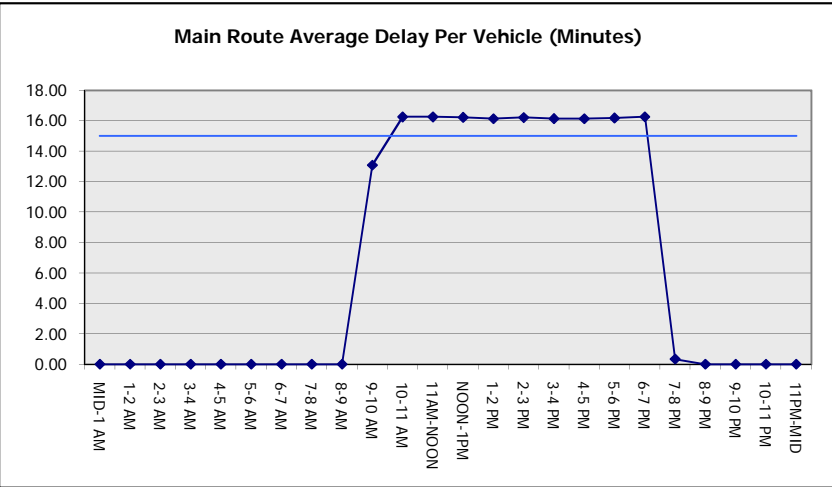
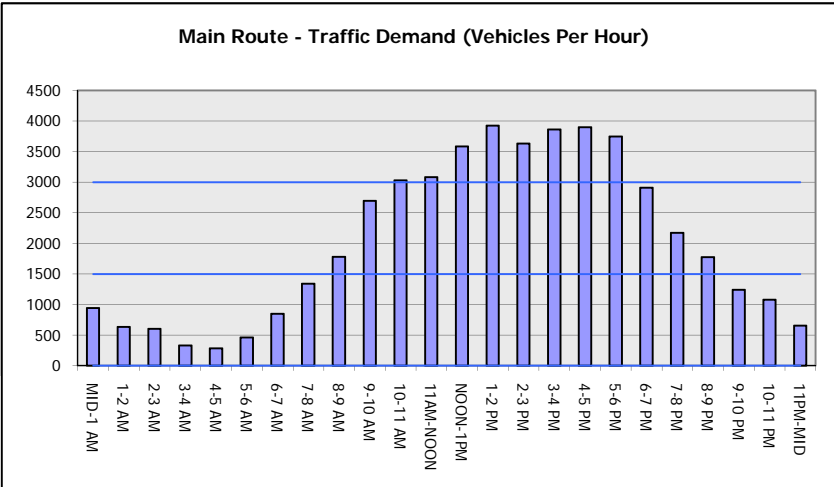
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY WESTBOUND DIRECTION



IH 94: CTH 0 TO STH 100 (WAUKESHA COUNTY) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	849	0.0	OFF	849	0	0.00	0	69.7	69.7	69.7
1-2 AM	501	0.0	OFF	501	0	0.00	0	70.1	70.1	70.1
2-3 AM	362	0.0	OFF	362	0	0.00	0	70.2	70.2	70.2
3-4 AM	237	0.0	OFF	237	0	0.00	0	70.2	70.2	70.2
4-5 AM	253	0.0	OFF	253	0	0.00	0	70.2	70.2	70.2
5-6 AM	362	0.0	OFF	362	0	0.00	0	70.2	70.2	70.2
6-7 AM	707	0.0	OFF	707	0	0.00	0	69.9	69.9	69.9
7-8 AM	1027	0.0	OFF	1027	0	0.00	0	69.4	69.4	69.4
8-9 AM	1582	0.0	OFF	1582	0	0.00	0	68.7	68.7	68.7
9-10 AM	2449	0.0	1499	1890	559	11.40+	297	67.7	13.2	30.8
10-11 AM	2940	0.0	1500	1500	1440	16.30+	400	67.1	9.7	30.8
11AM-NOON	3433	0.0	1500	1500	1933	16.28+	399	66.4	9.7	30.8
NOON-1PM	3609	0.0	1500	1500	2109	16.27+	400	66.2	9.7	30.8
1-2 PM	3887	0.0	1500	1500	2387	16.18+	400	64.3	9.7	30.8
2-3 PM	3632	0.0	1500	1500	2132	16.26+	400	66.1	9.7	30.8
3-4 PM	3801	0.0	1500	1500	2301	16.21+	400	64.9	9.7	30.8
4-5 PM	3312	0.0	1500	1500	1812	16.29+	400	66.6	9.7	30.8
5-6 PM	3664	0.0	1500	1500	2164	16.25+	400	65.8	9.7	30.8
6-7 PM	3587	0.0	1500	1500	2087	16.27+	399	66.3	9.7	30.8
7-8 PM	2750	0.0	OFF	2750	0	0.25	23	67.3	61.7	61.7
8-9 PM	2271	0.0	OFF	2271	0	0.00	0	67.9	67.9	67.9
9-10 PM	1537	0.0	OFF	1537	0	0.00	0	68.8	68.8	68.8
10-11 PM	1235	0.0	OFF	1235	0	0.00	0	69.2	69.2	69.2
11PM-MID	698	0.0	OFF	698	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	0.0240
MAIN ROUTE WITH WORKS	0.0137
'DIVERSION'	0.0216

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$150,846
CONGESTED HOURS PER DAY*	10

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

