

IH 94: CTH G TO STH 16 (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) 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	389	0.0	1500	389	0	0.52	0	70.2	60.7	43.9	
1-2 AM	232	0.0	1500	232	0	0.50	0	70.2	61.0	44.5	
2-3 AM	194	0.0	1500	194	0	0.50	0	70.2	61.1	44.7	
3-4 AM	134	0.0	1500	134	0	0.49	0	70.2	61.2	45.0	
4-5 AM	141	0.0	1500	141	0	0.49	0	70.2	61.2	44.9	
5-6 AM	265	0.0	1500	265	0	0.50	0	70.2	60.9	44.4	
6-7 AM	489	0.0	1500	489	0	0.53	0	70.1	60.5	43.5	
7-8 AM	833	0.0	1500	833	0	0.57	0	69.7	59.6	42.3	
8-9 AM	1247	0.0	1499	1247	0	0.76	0	69.2	56.4	37.3	
9-10 AM	1771	0.0	1499	1771	0	4.53	111	68.6	29.4	30.8	
10-11 AM	2019	0.0	1499	1681	338	15.62+	383	68.2	12.3	30.8	
11AM-NOON	2456	0.0	1500	1500	956	16.32+	400	67.7	11.9	30.8	
NOON-1PM	2566	0.0	1500	1500	1066	16.31+	400	67.6	11.9	30.8	
1-2 PM	2665	0.0	1500	1500	1165	16.30+	400	67.4	11.9	30.8	
2-3 PM	2576	0.0	1500	1500	1076	16.31+	400	67.5	11.9	30.8	
3-4 PM	2498	0.0	1500	1500	998	16.31+	400	67.6	11.9	30.8	
4-5 PM	2461	0.0	1500	1500	961	16.32+	400	67.7	11.9	30.8	
5-6 PM	1993	0.0	1500	1475	519	16.25+	397	68.2	11.9	30.8	
6-7 PM	1626	0.0	1499	1464	162	16.22+	396	68.7	11.9	30.8	
7-8 PM	1331	0.0	1499	1331	0	13.18	321	69.1	14.1	30.8	
8-9 PM	1125	0.0	1499	1125	0	2.56	77	69.4	39.4	37.4	
9-10 PM	789	0.0	1500	789	0	0.56	0	69.7	59.7	42.4	
10-11 PM	548	0.0	1500	548	0	0.54	0	70.0	60.4	43.3	
11PM-MID	368	0.0	1500	368	0	0.52	0	70.2	60.7	44.0	

+ 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

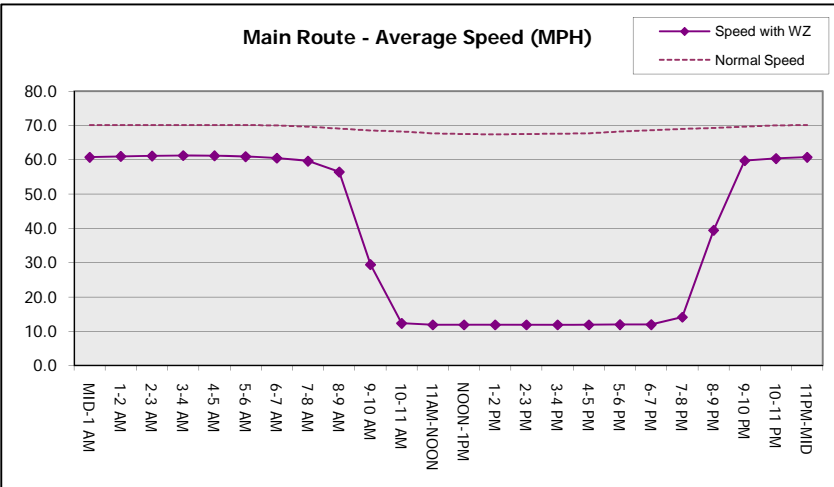
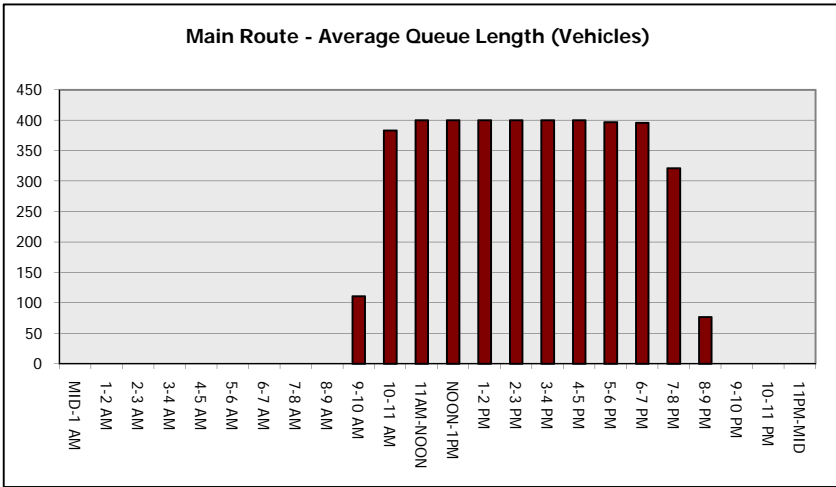
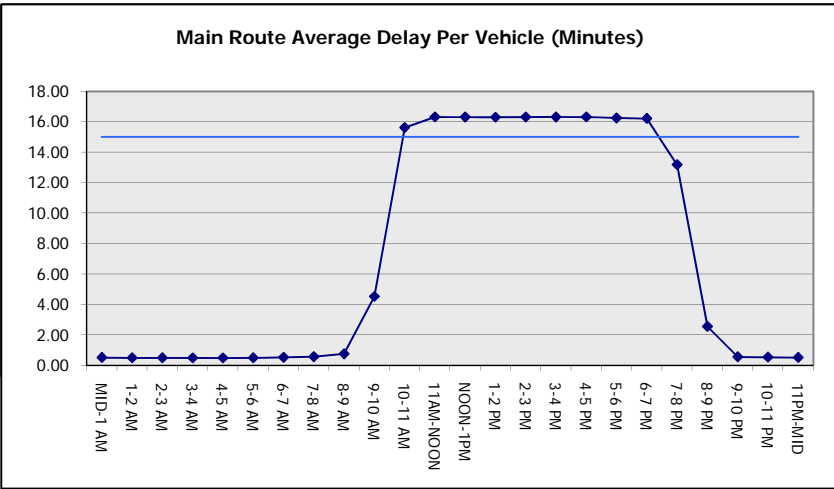
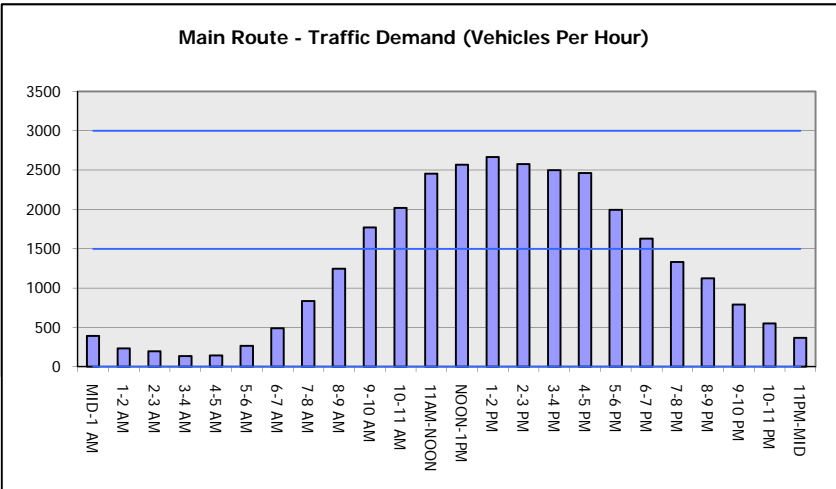
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0191
MAIN ROUTE WITH WORKS	0.0130
'DIVERSION'	0.0104
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$103,849
CONGESTED HOURS PER DAY*	9

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



IH 94: CTH G TO STH 16 (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) 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	391	0.0	1500	391	0	0.52	0	70.2	60.7	43.9	
1-2 AM	291	0.0	1500	291	0	0.51	0	70.2	60.9	44.3	
2-3 AM	157	0.0	1500	157	0	0.49	0	70.2	61.2	44.8	
3-4 AM	165	0.0	1500	165	0	0.49	0	70.2	61.2	44.8	
4-5 AM	161	0.0	1500	161	0	0.49	0	70.2	61.2	44.8	
5-6 AM	155	0.0	1500	155	0	0.49	0	70.2	61.2	44.8	
6-7 AM	377	0.0	1500	377	0	0.52	0	70.2	60.7	44.0	
7-8 AM	604	0.0	1500	604	0	0.54	0	70.0	60.2	43.1	
8-9 AM	888	0.0	1500	888	0	0.57	0	69.6	59.4	42.0	
9-10 AM	1403	0.0	1499	1403	0	1.08	4	69.0	52.3	33.5	
10-11 AM	1922	0.0	1500	1922	0	7.18	197	68.4	22.0	30.8	
11AM-NOON	2341	0.0	1499	1500	841	16.32+	399	67.8	11.9	30.8	
NOON-1PM	2653	0.0	1500	1500	1153	16.30+	400	67.4	11.9	30.8	
1-2 PM	2667	0.0	1500	1500	1167	16.30+	400	67.4	11.9	30.8	
2-3 PM	2824	0.0	1500	1500	1324	16.29+	400	67.3	11.9	30.8	
3-4 PM	2968	0.0	1500	1500	1468	16.28+	400	67.1	11.9	30.8	
4-5 PM	2853	0.0	1500	1500	1353	16.29+	400	67.2	11.9	30.8	
5-6 PM	2923	0.0	1500	1500	1423	16.29+	400	67.1	11.9	30.8	
6-7 PM	2439	0.0	1500	1500	939	16.32+	400	67.7	11.9	30.8	
7-8 PM	2088	0.0	1500	1500	588	16.34+	400	68.1	11.9	30.8	
8-9 PM	1851	0.0	1500	1475	377	16.25+	397	68.4	11.9	30.8	
9-10 PM	1259	0.0	1499	1259	0	13.04+	325	69.2	14.2	31.5	
10-11 PM	774	0.0	1500	774	0	1.08	23	69.8	52.7	42.4	
11PM-MID	461	0.0	1500	461	0	0.53	0	70.2	60.5	43.7	

+ 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	0.0215
MAIN ROUTE WITH WORKS	0.0133
'DIVERSION'	0.0153

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$126,707
CONGESTED HOURS PER DAY*	11

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

