

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

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	449	0.0	1500	449	0	0.53	0	70.2	60.6	43.7	
1-2 AM	287	0.0	1500	287	0	0.51	0	70.2	60.9	44.3	
2-3 AM	263	0.0	1500	263	0	0.50	0	70.2	61.0	44.4	
3-4 AM	222	0.0	1500	222	0	0.50	0	70.2	61.0	44.6	
4-5 AM	308	0.0	1500	308	0	0.51	0	70.2	60.9	44.3	
5-6 AM	524	0.0	1500	524	0	0.54	0	70.1	60.4	43.4	
6-7 AM	1100	0.0	1499	1100	0	0.66	0	69.4	58.1	39.8	
7-8 AM	1485	0.0	1499	1485	0	1.42	12	68.9	48.6	32.2	
8-9 AM	2019	0.0	1500	1876	143	9.91+	265	68.2	17.6	30.8	
9-10 AM	2158	0.0	1500	1500	658	16.34+	400	68.1	11.9	30.8	
10-11 AM	2464	0.0	1500	1500	964	16.32+	400	67.7	11.9	30.8	
11AM-NOON	2576	0.0	1500	1500	1076	16.31+	400	67.5	11.9	30.8	
NOON-1PM	2708	0.0	1500	1500	1208	16.30+	400	67.4	11.9	30.8	
1-2 PM	2596	0.0	1500	1500	1096	16.31+	400	67.5	11.9	30.8	
2-3 PM	2455	0.0	1500	1500	955	16.32+	400	67.7	11.9	30.8	
3-4 PM	2597	0.0	1500	1500	1097	16.31+	400	67.5	11.9	30.8	
4-5 PM	2494	0.0	1500	1500	994	16.31+	400	67.6	11.9	30.8	
5-6 PM	2076	0.0	1500	1500	576	16.34+	400	68.1	11.9	30.8	
6-7 PM	1855	0.0	1500	1500	355	16.35+	400	68.4	11.9	30.8	
7-8 PM	1313	0.0	1499	1289	25	13.58+	334	69.1	13.8	30.8	
8-9 PM	1118	0.0	1499	1118	0	2.18	63	69.4	42.1	38.1	
9-10 PM	1127	0.0	1500	1127	0	0.61	0	69.3	58.7	40.9	
10-11 PM	879	0.0	1500	879	0	0.57	0	69.6	59.5	42.1	
11PM-MID	656	0.0	1500	656	0	0.55	0	69.9	60.1	42.9	

+ 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

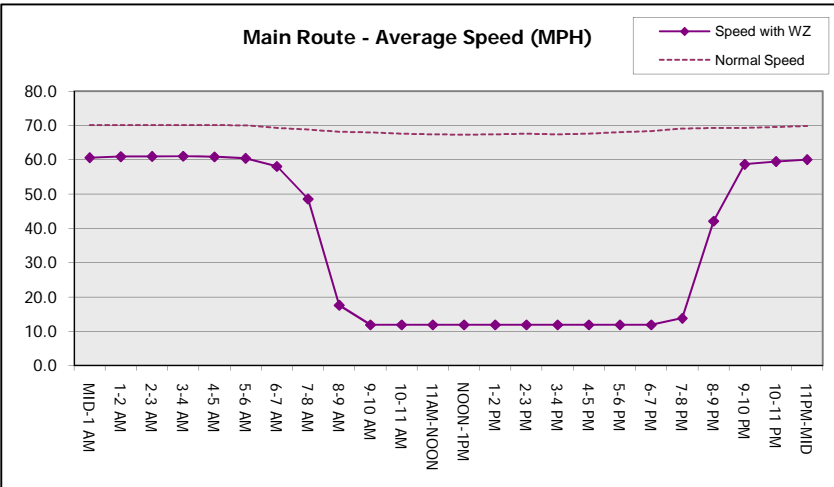
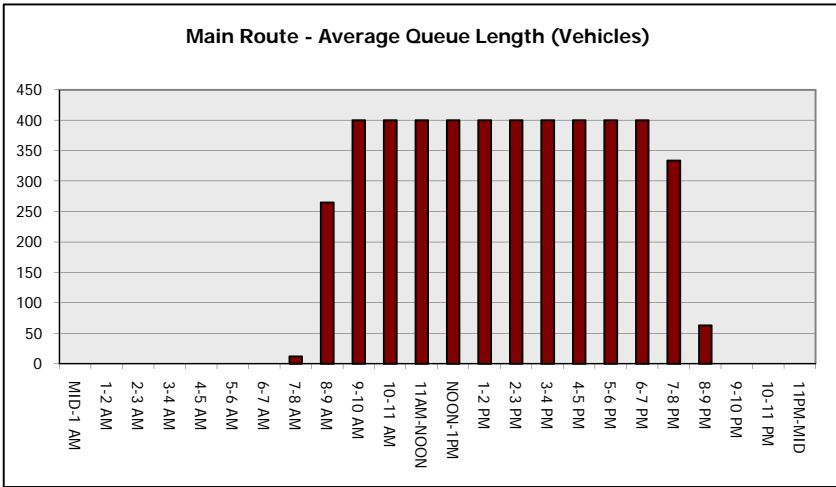
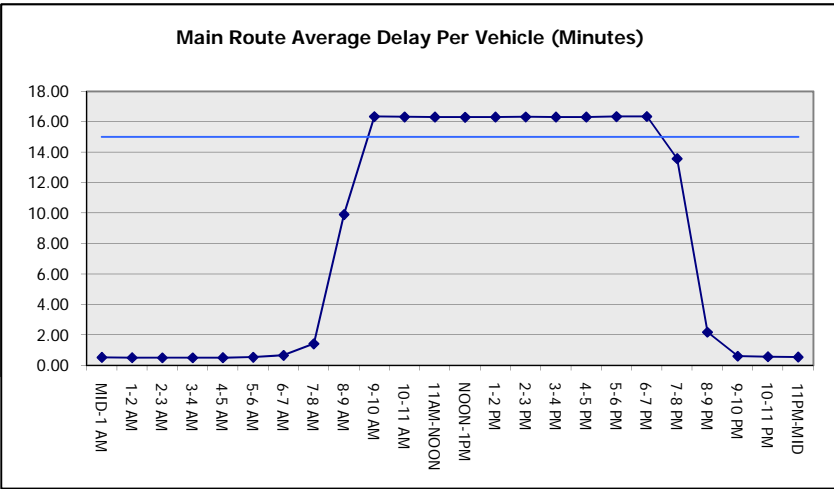
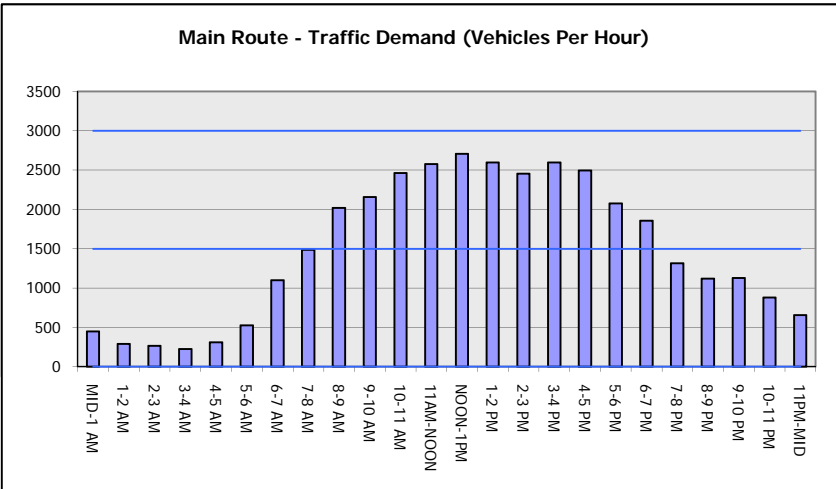
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0222
MAIN ROUTE WITH WORKS	0.0148
'DIVERSION'	0.0132
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$121,520
CONGESTED HOURS PER DAY*	12

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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

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	345	0.0	1500	345	0	0.51	0	70.2	60.8	44.1
1-2 AM	222	0.0	1500	222	0	0.50	0	70.2	61.0	44.6
2-3 AM	209	0.0	1500	209	0	0.50	0	70.2	61.0	44.6
3-4 AM	153	0.0	1500	153	0	0.49	0	70.2	61.2	44.9
4-5 AM	217	0.0	1500	217	0	0.50	0	70.2	61.0	44.6
5-6 AM	397	0.0	1500	397	0	0.52	0	70.2	60.7	43.9
6-7 AM	712	0.0	1500	712	0	0.56	0	69.9	59.9	42.7
7-8 AM	1073	0.0	1499	1073	0	0.63	0	69.4	58.4	40.4
8-9 AM	1613	0.0	1499	1613	0	2.15	33	68.7	42.1	30.8
9-10 AM	1818	0.0	1500	1818	0	10.13	256	68.5	17.3	30.8
10-11 AM	2087	0.0	1499	1500	587	16.34+	399	68.1	11.9	30.8
11AM-NOON	2296	0.0	1500	1500	796	16.33+	400	67.9	11.9	30.8
NOON-1PM	2237	0.0	1500	1500	737	16.33+	400	67.9	11.9	30.8
1-2 PM	2357	0.0	1500	1500	857	16.32+	400	67.8	11.9	30.8
2-3 PM	2390	0.0	1500	1500	890	16.32+	400	67.8	11.9	30.8
3-4 PM	2351	0.0	1500	1500	851	16.32+	400	67.8	11.9	30.8
4-5 PM	2484	0.0	1500	1500	984	16.32+	400	67.6	11.9	30.8
5-6 PM	2426	0.0	1500	1500	926	16.32+	400	67.7	11.9	30.8
6-7 PM	1918	0.0	1500	1500	418	16.35+	400	68.4	11.9	30.8
7-8 PM	1536	0.0	1499	1450	86	15.91+	387	68.8	12.1	30.8
8-9 PM	1496	0.0	1500	1496	0	15.89+	387	68.9	12.1	30.8
9-10 PM	1257	0.0	1499	1257	0	10.84	268	69.2	16.5	31.3
10-11 PM	1066	0.0	1500	1066	0	1.24	23	69.4	50.7	40.0
11PM-MID	764	0.0	1500	764	0	0.56	0	69.8	59.8	42.5

+ 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	0.0208
MAIN ROUTE WITH WORKS	0.0146
'DIVERSION'	0.0103

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$117,553
CONGESTED HOURS PER DAY*	11

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

