

IH 94: CTH G TO STH 16 (WAUKESHA COUNTY) NIGHTTIME 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	OFF	2019	0	0.01	0	68.2	68.1	68.1	
9-10 AM	2158	0.0	OFF	2158	0	0.00	0	68.1	68.1	68.1	
10-11 AM	2464	0.0	OFF	2464	0	0.00	0	67.7	67.7	67.7	
11AM-NOON	2576	0.0	OFF	2576	0	0.00	0	67.5	67.5	67.5	
NOON-1PM	2708	0.0	OFF	2708	0	0.00	0	67.4	67.4	67.4	
1-2 PM	2596	0.0	OFF	2596	0	0.00	0	67.5	67.5	67.5	
2-3 PM	2455	0.0	OFF	2455	0	0.00	0	67.7	67.7	67.7	
3-4 PM	2597	0.0	OFF	2597	0	0.00	0	67.5	67.5	67.5	
4-5 PM	2494	0.0	OFF	2494	0	0.00	0	67.6	67.6	67.6	
5-6 PM	2076	0.0	OFF	2076	0	0.00	0	68.1	68.1	68.1	
6-7 PM	1855	0.0	1499	1855	0	7.81	201	68.4	20.8	30.8	
7-8 PM	1313	0.0	1499	1313	0	11.69	285	69.1	15.5	30.9	
8-9 PM	1118	0.0	1500	1118	0	1.66	39	69.4	46.5	38.9	
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	

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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

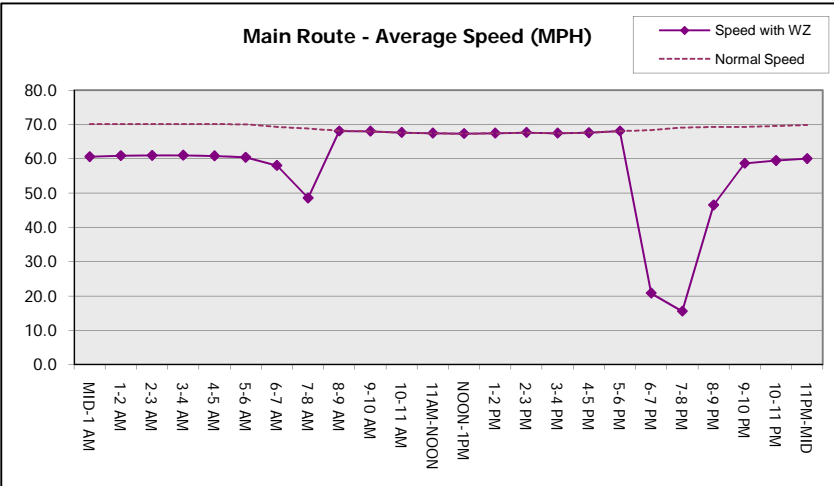
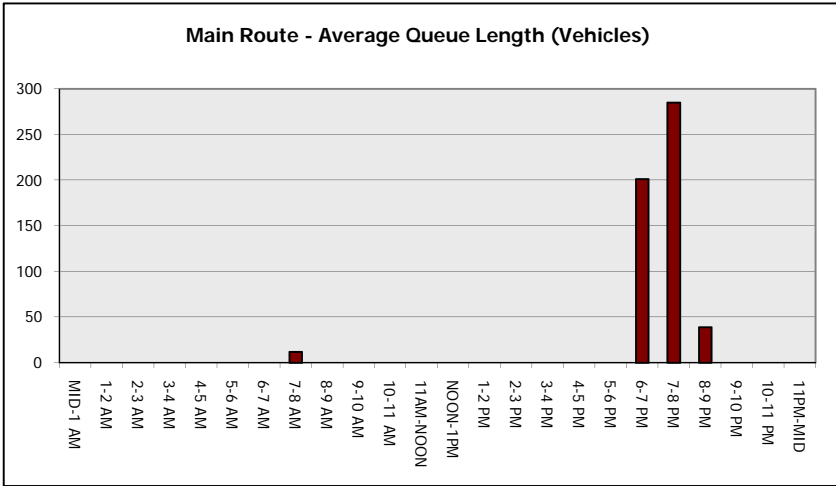
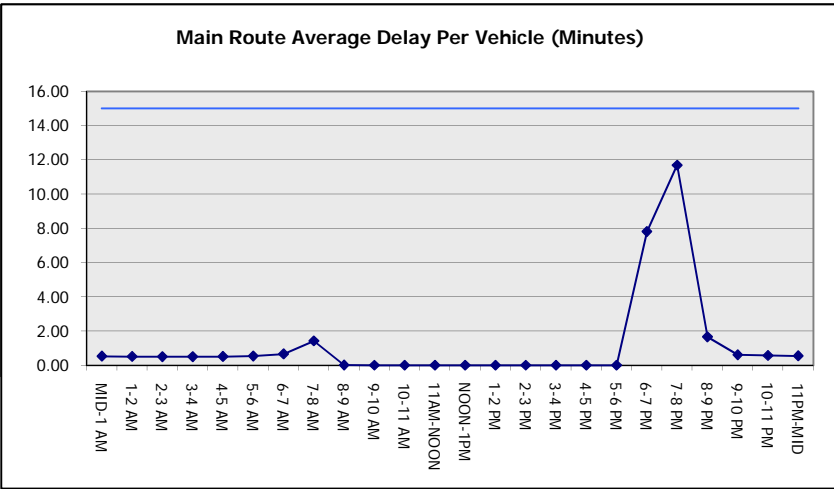
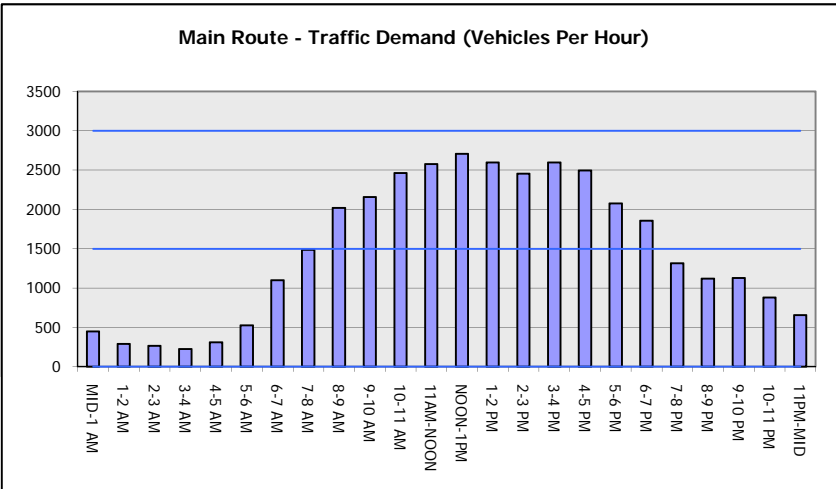
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0222
MAIN ROUTE WITH WORKS	0.0214
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$10,228
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MAY
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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 94: CTH G TO STH 16 (WAUKESHA COUNTY) NIGHTTIME 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	OFF	1613	0	0.00	0	68.7	68.7	68.7
9-10 AM	1818	0.0	OFF	1818	0	0.00	0	68.5	68.5	68.5
10-11 AM	2087	0.0	OFF	2087	0	0.00	0	68.1	68.1	68.1
11AM-NOON	2296	0.0	OFF	2296	0	0.00	0	67.9	67.9	67.9
NOON-1PM	2237	0.0	OFF	2237	0	0.00	0	67.9	67.9	67.9
1-2 PM	2357	0.0	OFF	2357	0	0.00	0	67.8	67.8	67.8
2-3 PM	2390	0.0	OFF	2390	0	0.00	0	67.8	67.8	67.8
3-4 PM	2351	0.0	OFF	2351	0	0.00	0	67.8	67.8	67.8
4-5 PM	2484	0.0	OFF	2484	0	0.00	0	67.6	67.6	67.6
5-6 PM	2426	0.0	OFF	2426	0	0.00	0	67.7	67.7	67.7
6-7 PM	1918	0.0	1499	1918	0	8.92	236	68.4	18.9	30.8
7-8 PM	1536	0.0	1499	1475	61	16.25+	396	68.8	11.9	30.8
8-9 PM	1496	0.0	1500	1486	10	16.14+	393	68.9	12.0	30.8
9-10 PM	1257	0.0	1499	1257	0	10.94	271	69.2	16.3	31.3
10-11 PM	1066	0.0	1500	1066	0	1.26	24	69.4	50.5	39.9
11PM-MID	764	0.0	1500	764	0	0.56	0	69.8	59.8	42.5

"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	0.0208
MAIN ROUTE WITH WORKS	0.0200
'DIVERSION'	0.0001

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$23,007
CONGESTED HOURS PER DAY*	2

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

