

IH 94: CTH O TO STH 100 (WAUKESHA COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	781	0.0	3000	781	0	0.35	0	69.7	61.6	49.7
1-2 AM	463	0.0	3000	463	0	0.36	0	70.2	61.8	49.7
2-3 AM	422	0.0	3000	422	0	0.36	0	70.2	61.8	49.7
3-4 AM	430	0.0	3000	430	0	0.36	0	70.2	61.8	49.7
4-5 AM	803	0.0	3000	803	0	0.35	0	69.7	61.5	49.7
5-6 AM	2219	0.0	OFF	2219	0	0.00	0	68.0	68.0	68.0
6-7 AM	4683	0.0	OFF	4683	0	0.00	0	58.9	58.9	58.9
7-8 AM	5809	0.0	OFF	5809	0	0.00	0	51.2	51.2	51.2
8-9 AM	5390	0.0	OFF	5390	0	0.00	0	54.0	54.0	54.0
9-10 AM	4257	0.0	OFF	4257	0	0.00	0	61.8	61.8	61.8
10-11 AM	4011	0.0	OFF	4011	0	0.00	0	63.5	63.5	63.5
11AM-NOON	4082	0.0	OFF	4082	0	0.00	0	63.0	63.0	63.0
NOON-1PM	5060	0.0	OFF	5060	0	0.00	0	56.3	56.3	56.3
1-2 PM	4104	0.0	OFF	4104	0	0.00	0	62.8	62.8	62.8
2-3 PM	4654	0.0	OFF	4654	0	0.00	0	59.1	59.1	59.1
3-4 PM	5580	0.0	OFF	5580	0	0.00	0	52.7	52.7	52.7
4-5 PM	5589	0.0	OFF	5589	0	0.00	0	52.7	52.7	52.7
5-6 PM	5192	0.0	OFF	5192	0	0.00	0	55.4	55.4	55.4
6-7 PM	4772	0.0	OFF	4772	0	0.00	0	58.2	58.2	58.2
7-8 PM	3232	0.0	2999	3232	0	4.16	198	66.7	26.8	37.3
8-9 PM	2145	0.0	3000	2145	0	0.78	36	68.1	53.0	49.1
9-10 PM	2237	0.0	3000	2237	0	0.33	0	67.9	60.6	49.7
10-11 PM	2126	0.0	3000	2126	0	0.33	0	68.1	60.7	49.7
11PM-MID	1587	0.0	3000	1587	0	0.34	0	68.7	61.0	49.7

"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	0.0393
MAIN ROUTE WITH WORKS	0.0384
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,196
CONGESTED HOURS PER DAY*	0

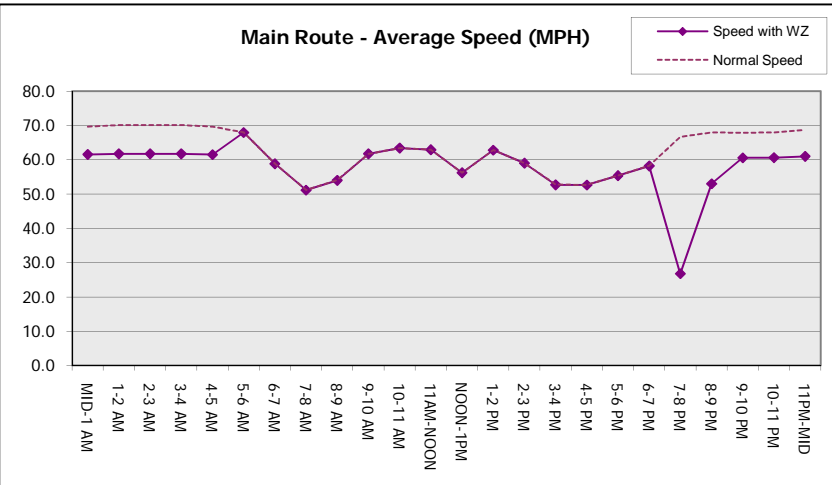
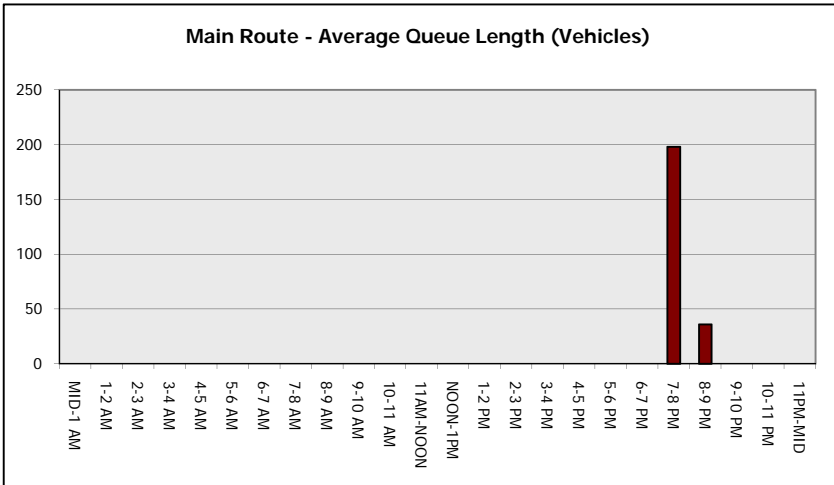
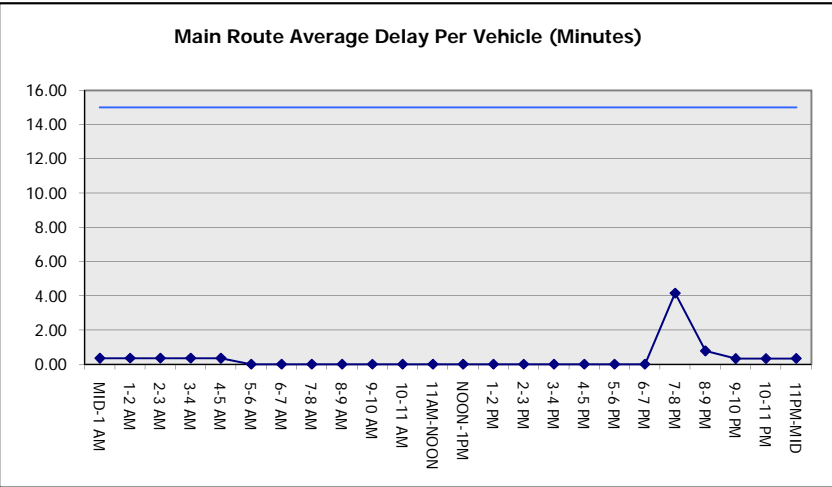
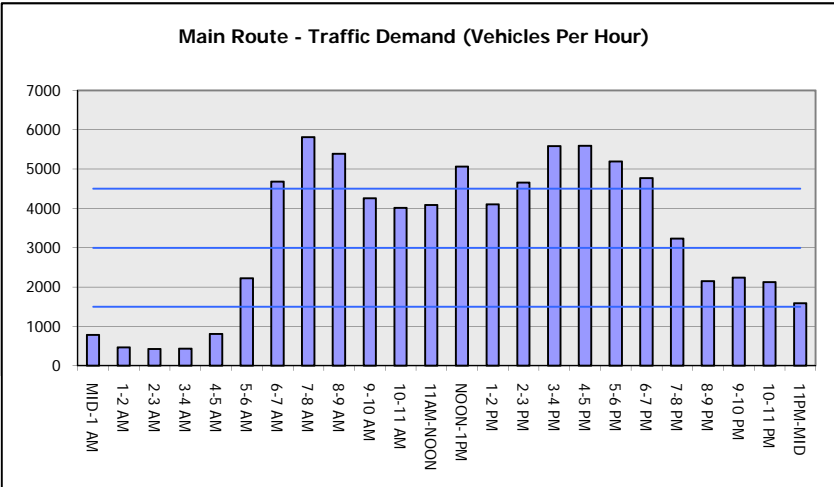
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY WESTBOUND DIRECTION



IH 94: CTH O TO STH 100 (WAUKESHA COUNTY) NIGHTTIME CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	689	0.0	3000	689	0	0.36	0	69.9	61.7	49.7
1-2 AM	443	0.0	3000	443	0	0.36	0	70.2	61.8	49.7
2-3 AM	348	0.0	3000	348	0	0.36	0	70.2	61.8	49.7
3-4 AM	346	0.0	3000	346	0	0.36	0	70.2	61.8	49.7
4-5 AM	709	0.0	3000	709	0	0.36	0	69.9	61.6	49.7
5-6 AM	2129	0.0	OFF	2129	0	0.00	0	68.1	68.1	68.1
6-7 AM	4999	0.0	OFF	4999	0	0.00	0	56.7	56.7	56.7
7-8 AM	5939	0.0	OFF	5939	0	0.00	0	50.3	50.3	50.3
8-9 AM	5230	0.0	OFF	5230	0	0.00	0	55.1	55.1	55.1
9-10 AM	4254	0.0	OFF	4254	0	0.00	0	61.8	61.8	61.8
10-11 AM	3723	0.0	OFF	3723	0	0.00	0	65.4	65.4	65.4
11AM-NOON	3592	0.0	OFF	3592	0	0.00	0	66.3	66.3	66.3
NOON-1PM	4354	0.0	OFF	4354	0	0.00	0	61.1	61.1	61.1
1-2 PM	3596	0.0	OFF	3596	0	0.00	0	66.3	66.3	66.3
2-3 PM	4374	0.0	OFF	4374	0	0.00	0	61.0	61.0	61.0
3-4 PM	5232	0.0	OFF	5232	0	0.00	0	55.1	55.1	55.1
4-5 PM	5264	0.0	OFF	5264	0	0.00	0	54.9	54.9	54.9
5-6 PM	4883	0.0	OFF	4883	0	0.00	0	57.5	57.5	57.5
6-7 PM	4271	0.0	OFF	4271	0	0.00	0	61.7	61.7	61.7
7-8 PM	3237	0.0	2999	3237	0	3.83	180	66.7	28.1	37.3
8-9 PM	2291	0.0	3000	2291	0	0.93	46	67.9	50.7	47.6
9-10 PM	2390	0.0	3000	2390	0	0.33	0	67.8	60.5	49.6
10-11 PM	1869	0.0	3000	1869	0	0.34	0	68.4	60.9	49.7
11PM-MID	1643	0.0	3000	1643	0	0.34	0	68.7	61.0	49.7

"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	0.0374
MAIN ROUTE WITH WORKS	0.0365
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,034
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

