

IH 94: STH 20 TO STH 50 (RACINE AND KENOSHA COUNTIES) NIGHTTIME 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	536	0.0	1500	536	0	0.44	0	70.2	67.0	46.8
1-2 AM	386	0.0	1500	386	0	0.42	0	70.2	67.2	47.4
2-3 AM	350	0.0	1500	350	0	0.41	0	70.2	67.2	47.6
3-4 AM	407	0.0	1500	407	0	0.42	0	70.2	67.1	47.3
4-5 AM	722	0.0	1500	722	0	0.46	0	70.2	66.9	46.0
5-6 AM	1469	0.0	OFF	1469	0	0.00	0	70.2	70.2	70.2
6-7 AM	2056	0.0	OFF	2056	0	0.00	0	69.5	69.5	69.5
7-8 AM	2260	0.0	OFF	2260	0	0.00	0	69.2	69.2	69.2
8-9 AM	2273	0.0	OFF	2273	0	0.00	0	69.2	69.2	69.2
9-10 AM	2481	0.0	OFF	2481	0	0.00	0	68.9	68.9	68.9
10-11 AM	2508	0.0	OFF	2508	0	0.00	0	68.9	68.9	68.9
11AM-NOON	2491	0.0	OFF	2491	0	0.00	0	68.9	68.9	68.9
NOON-1PM	2470	0.0	OFF	2470	0	0.00	0	69.0	69.0	69.0
1-2 PM	2520	0.0	OFF	2520	0	0.00	0	68.9	68.9	68.9
2-3 PM	2625	0.0	OFF	2625	0	0.00	0	68.8	68.8	68.8
3-4 PM	2677	0.0	OFF	2677	0	0.00	0	68.7	68.7	68.7
4-5 PM	2760	0.0	OFF	2760	0	0.00	0	68.6	68.6	68.6
5-6 PM	2860	0.0	OFF	2860	0	0.00	0	68.5	68.5	68.5
6-7 PM	2494	0.0	OFF	2494	0	0.00	0	68.9	68.9	68.9
7-8 PM	1779	0.0	1499	1779	0	7.15	172	69.8	39.6	32.5
8-9 PM	1439	0.0	1499	1439	0	11.06	263	70.2	32.1	32.5
9-10 PM	1297	0.0	1499	1297	0	5.52	128	70.2	44.0	34.1
10-11 PM	1047	0.0	1500	1047	0	0.51	0	70.2	66.5	44.6
11PM-MID	779	0.0	1500	779	0	0.47	0	70.2	66.8	45.7

"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

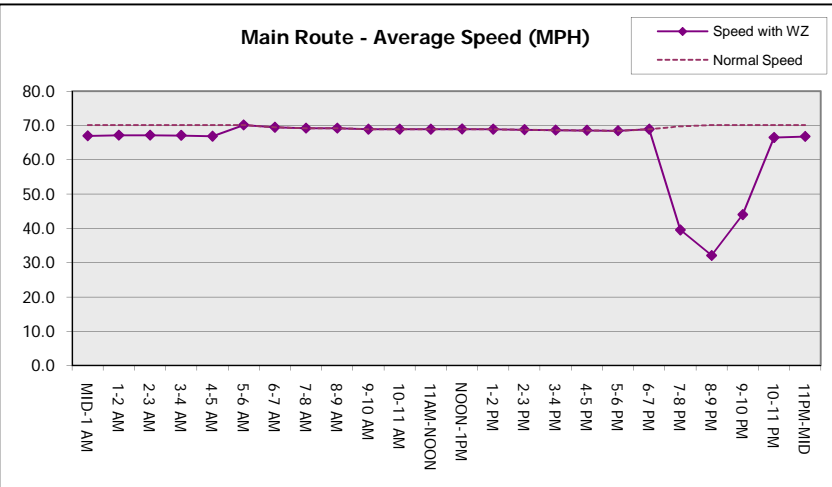
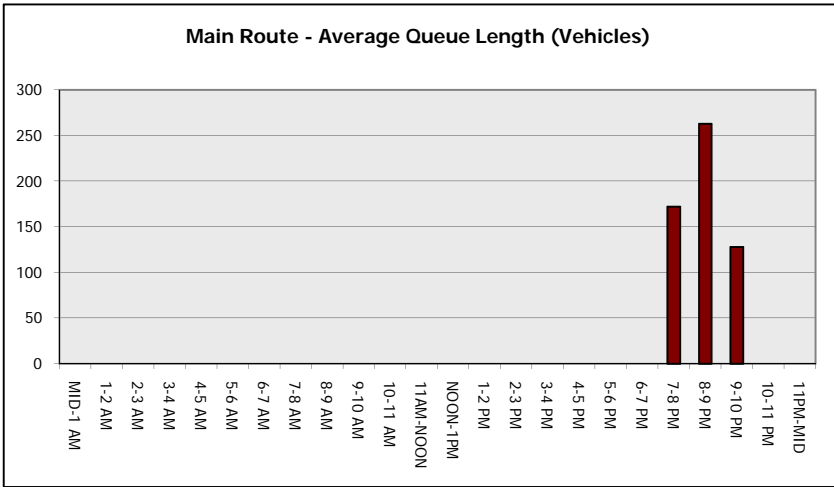
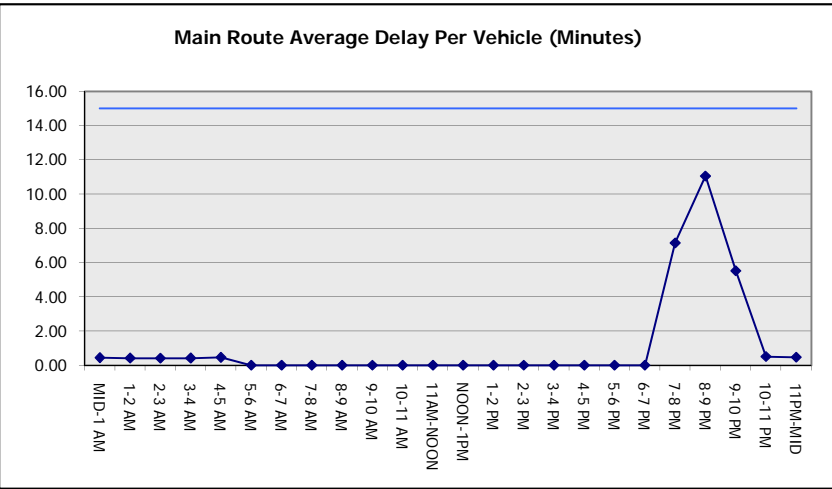
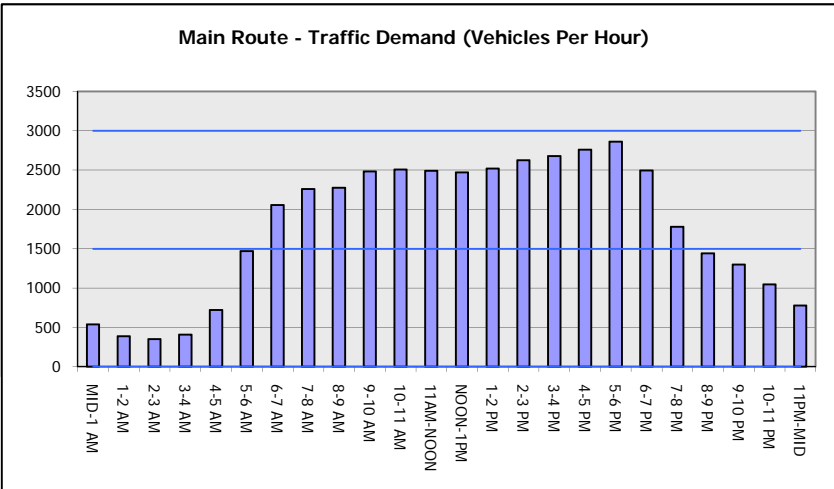
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0740
MAIN ROUTE WITH WORKS	0.0735
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$8,580
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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AUGUST
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



IH 94: STH 20 TO STH 50 (RACINE AND KENOSHA COUNTIES) NIGHTTIME 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	555	0.0	1500	555	0	0.44	0	70.2	67.0	46.7
1-2 AM	444	0.0	1500	444	0	0.42	0	70.2	67.1	47.2
2-3 AM	342	0.0	1500	342	0	0.41	0	70.2	67.2	47.6
3-4 AM	390	0.0	1500	390	0	0.42	0	70.2	67.1	47.4
4-5 AM	611	0.0	1500	611	0	0.45	0	70.2	66.9	46.5
5-6 AM	1219	0.0	OFF	1219	0	0.00	0	70.2	70.2	70.2
6-7 AM	2074	0.0	OFF	2074	0	0.00	0	69.5	69.5	69.5
7-8 AM	2356	0.0	OFF	2356	0	0.00	0	69.1	69.1	69.1
8-9 AM	1989	0.0	OFF	1989	0	0.00	0	69.6	69.6	69.6
9-10 AM	2095	0.0	OFF	2095	0	0.00	0	69.4	69.4	69.4
10-11 AM	2304	0.0	OFF	2304	0	0.00	0	69.2	69.2	69.2
11AM-NOON	2375	0.0	OFF	2375	0	0.00	0	69.1	69.1	69.1
NOON-1PM	2340	0.0	OFF	2340	0	0.00	0	69.1	69.1	69.1
1-2 PM	2414	0.0	OFF	2414	0	0.00	0	69.1	69.1	69.1
2-3 PM	2612	0.0	OFF	2612	0	0.00	0	68.8	68.8	68.8
3-4 PM	2797	0.0	OFF	2797	0	0.00	0	68.6	68.6	68.6
4-5 PM	2804	0.0	OFF	2804	0	0.00	0	68.6	68.6	68.6
5-6 PM	2724	0.0	OFF	2724	0	0.00	0	68.7	68.7	68.7
6-7 PM	2299	0.0	OFF	2299	0	0.00	0	69.2	69.2	69.2
7-8 PM	1764	0.0	1499	1764	0	6.62	157	69.9	40.9	32.5
8-9 PM	1480	0.0	1499	1480	0	11.30	269	70.2	31.7	32.5
9-10 PM	1292	0.0	1499	1292	0	6.41	151	70.2	41.5	33.8
10-11 PM	1129	0.0	1500	1129	0	0.63	2	70.2	65.8	43.0
11PM-MID	870	0.0	1500	870	0	0.48	0	70.2	66.8	45.3

"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	0.0716
MAIN ROUTE WITH WORKS	0.0710
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$8,826
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

