

IH 94: STH 20 TO STH 50 (RACINE AND KENOSHA COUNTIES) CONTINUOUS (24 HOUR) 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	3000	536	0	0.36	0	70.2	67.6	49.7
1-2 AM	386	0.0	3000	386	0	0.36	0	70.2	67.6	49.7
2-3 AM	350	0.0	3000	350	0	0.36	0	70.2	67.6	49.7
3-4 AM	407	0.0	3000	407	0	0.36	0	70.2	67.6	49.7
4-5 AM	722	0.0	3000	722	0	0.36	0	70.2	67.6	49.7
5-6 AM	1469	0.0	3000	1469	0	0.36	0	70.2	67.6	49.7
6-7 AM	2056	0.0	3000	2056	0	0.35	0	69.5	67.0	49.7
7-8 AM	2260	0.0	3000	2260	0	0.35	0	69.2	66.8	49.7
8-9 AM	2273	0.0	3000	2273	0	0.35	0	69.2	66.8	49.7
9-10 AM	2481	0.0	3000	2481	0	0.42	0	68.9	66.0	46.7
10-11 AM	2508	0.0	3000	2508	0	0.44	0	68.9	65.9	46.0
11AM-NOON	2491	0.0	3000	2491	0	0.43	0	68.9	66.0	46.5
NOON-1PM	2470	0.0	3000	2470	0	0.42	0	69.0	66.1	46.9
1-2 PM	2520	0.0	3000	2520	0	0.45	0	68.9	65.8	45.8
2-3 PM	2625	0.0	3000	2625	0	0.52	0	68.8	65.2	43.5
3-4 PM	2677	0.0	3000	2677	0	0.55	0	68.7	65.0	42.4
4-5 PM	2760	0.0	3000	2760	0	0.61	0	68.6	64.5	40.9
5-6 PM	2860	0.0	3000	2860	0	0.67	0	68.5	64.0	39.1
6-7 PM	2494	0.0	3000	2494	0	0.43	0	68.9	66.0	46.3
7-8 PM	1779	0.0	3000	1779	0	0.35	0	69.8	67.3	49.7
8-9 PM	1439	0.0	3000	1439	0	0.36	0	70.2	67.6	49.7
9-10 PM	1297	0.0	3000	1297	0	0.36	0	70.2	67.6	49.7
10-11 PM	1047	0.0	3000	1047	0	0.36	0	70.2	67.6	49.7
11PM-MID	779	0.0	3000	779	0	0.36	0	70.2	67.6	49.7

----- 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	0.0712
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

ROAD USER COSTS PER DAY	\$3,677
CONGESTED HOURS PER DAY*	0

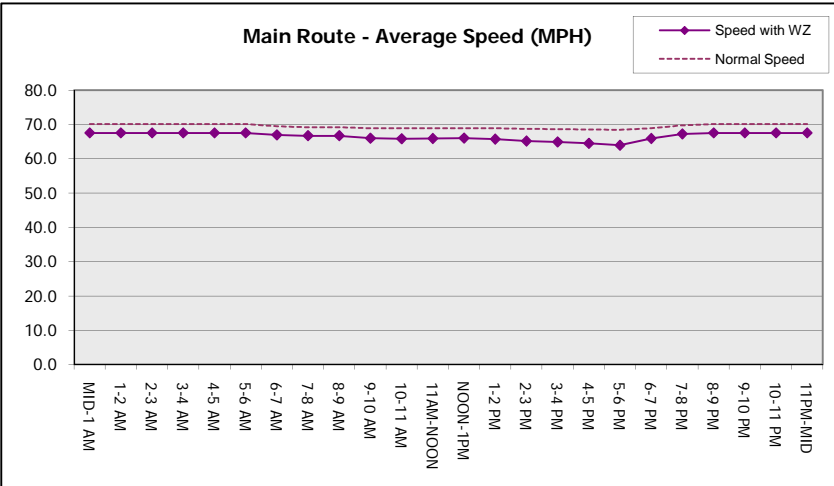
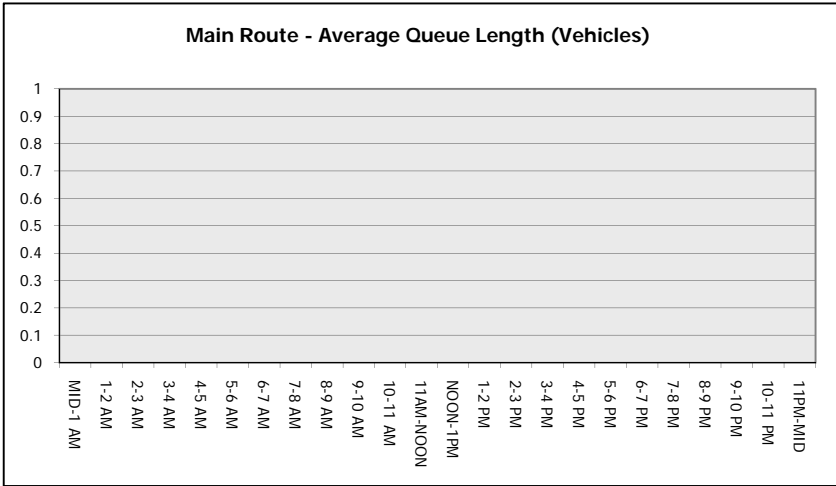
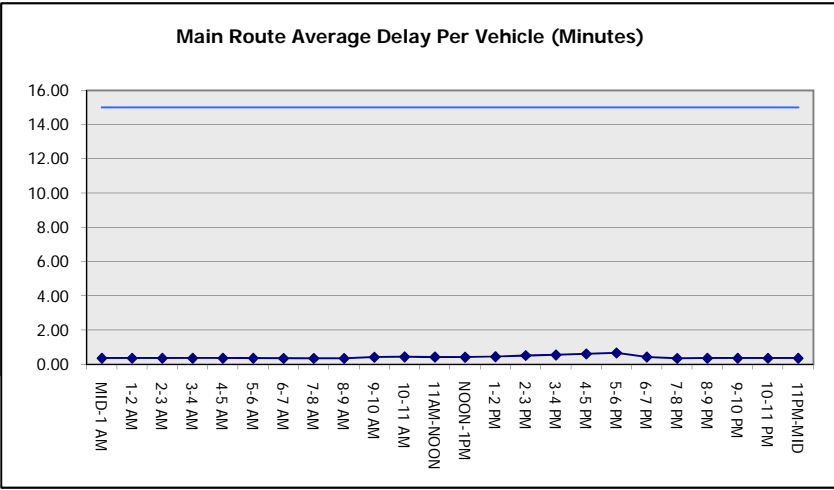
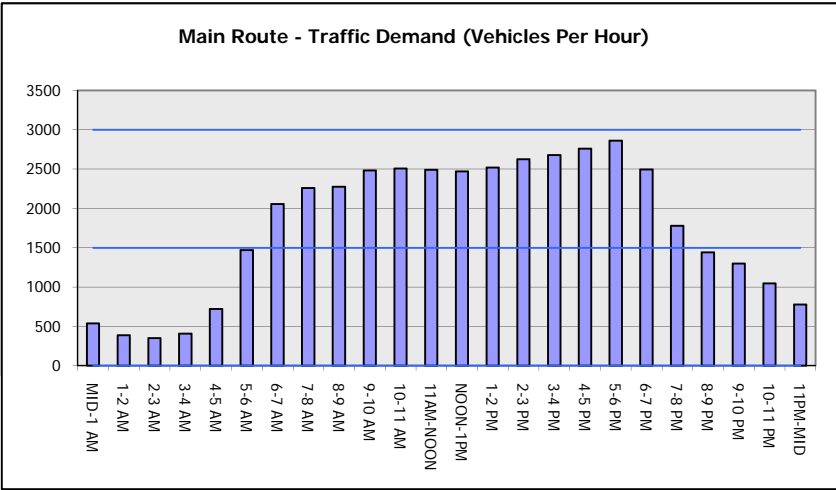
*Delays Exceeding User-Specified Maximum

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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) CONTINUOUS (24 HOUR) 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	3000	555	0	0.36	0	70.2	67.6	49.7
1-2 AM	444	0.0	3000	444	0	0.36	0	70.2	67.6	49.7
2-3 AM	342	0.0	3000	342	0	0.36	0	70.2	67.6	49.7
3-4 AM	390	0.0	3000	390	0	0.36	0	70.2	67.6	49.7
4-5 AM	611	0.0	3000	611	0	0.36	0	70.2	67.6	49.7
5-6 AM	1219	0.0	3000	1219	0	0.36	0	70.2	67.6	49.7
6-7 AM	2074	0.0	3000	2074	0	0.35	0	69.5	66.9	49.7
7-8 AM	2356	0.0	3000	2356	0	0.35	0	69.1	66.7	49.7
8-9 AM	1989	0.0	3000	1989	0	0.35	0	69.6	67.1	49.7
9-10 AM	2095	0.0	3000	2095	0	0.35	0	69.4	66.9	49.7
10-11 AM	2304	0.0	3000	2304	0	0.35	0	69.2	66.8	49.7
11AM-NOON	2375	0.0	3000	2375	0	0.35	0	69.1	66.6	49.4
NOON-1PM	2340	0.0	3000	2340	0	0.35	0	69.1	66.7	49.7
1-2 PM	2414	0.0	3000	2414	0	0.38	0	69.1	66.4	48.3
2-3 PM	2612	0.0	3000	2612	0	0.51	0	68.8	65.3	43.7
3-4 PM	2797	0.0	3000	2797	0	0.63	0	68.6	64.3	40.2
4-5 PM	2804	0.0	3000	2804	0	0.63	0	68.6	64.3	40.1
5-6 PM	2724	0.0	3000	2724	0	0.58	0	68.7	64.7	41.5
6-7 PM	2299	0.0	3000	2299	0	0.35	0	69.2	66.8	49.7
7-8 PM	1764	0.0	3000	1764	0	0.36	0	69.9	67.3	49.7
8-9 PM	1480	0.0	3000	1480	0	0.36	0	70.2	67.6	49.7
9-10 PM	1292	0.0	3000	1292	0	0.36	0	70.2	67.6	49.7
10-11 PM	1129	0.0	3000	1129	0	0.36	0	70.2	67.6	49.7
11PM-MID	870	0.0	3000	870	0	0.36	0	70.2	67.6	49.7

----- 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	0.0689
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,359
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

