

IH 94: STH 20 TO STH 50 (RACINE AND KENOSHA COUNTIES) NIGHTTIME 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	439	0.0	1500	439	0	0.42	0	70.2	67.1	47.2	
1-2 AM	349	0.0	1500	349	0	0.41	0	70.2	67.2	47.6	
2-3 AM	325	0.0	1500	325	0	0.41	0	70.2	67.2	47.7	
3-4 AM	379	0.0	1500	379	0	0.42	0	70.2	67.2	47.4	
4-5 AM	660	0.0	1500	660	0	0.45	0	70.2	66.9	46.2	
5-6 AM	1402	0.0	OFF	1402	0	0.00	0	70.2	70.2	70.2	
6-7 AM	2073	0.0	OFF	2073	0	0.00	0	69.5	69.5	69.5	
7-8 AM	2287	0.0	OFF	2287	0	0.00	0	69.2	69.2	69.2	
8-9 AM	2148	0.0	OFF	2148	0	0.00	0	69.4	69.4	69.4	
9-10 AM	2174	0.0	OFF	2174	0	0.00	0	69.4	69.4	69.4	
10-11 AM	2142	0.0	OFF	2142	0	0.00	0	69.4	69.4	69.4	
11AM-NOON	2212	0.0	OFF	2212	0	0.00	0	69.3	69.3	69.3	
NOON-1PM	2276	0.0	OFF	2276	0	0.00	0	69.2	69.2	69.2	
1-2 PM	2354	0.0	OFF	2354	0	0.00	0	69.1	69.1	69.1	
2-3 PM	2455	0.0	OFF	2455	0	0.00	0	69.0	69.0	69.0	
3-4 PM	2669	0.0	OFF	2669	0	0.00	0	68.7	68.7	68.7	
4-5 PM	2746	0.0	OFF	2746	0	0.00	0	68.6	68.6	68.6	
5-6 PM	2792	0.0	OFF	2792	0	0.00	0	68.6	68.6	68.6	
6-7 PM	2256	0.0	OFF	2256	0	0.00	0	69.2	69.2	69.2	
7-8 PM	1626	0.0	1499	1626	0	4.42	92	70.0	47.5	32.5	
8-9 PM	1328	0.0	1499	1328	0	2.88	58	70.2	53.6	35.0	
9-10 PM	1191	0.0	1500	1191	0	0.60	0	70.2	65.9	41.4	
10-11 PM	961	0.0	1500	961	0	0.49	0	70.2	66.7	45.0	
11PM-MID	691	0.0	1500	691	0	0.46	0	70.2	66.9	46.1	

"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

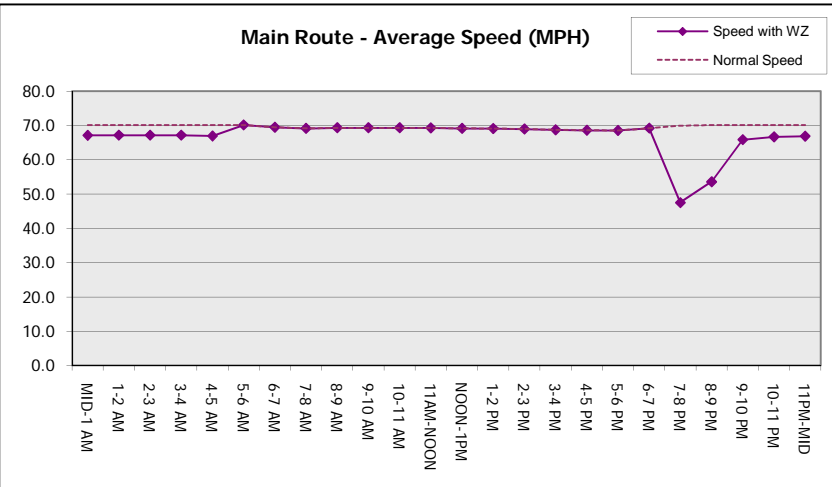
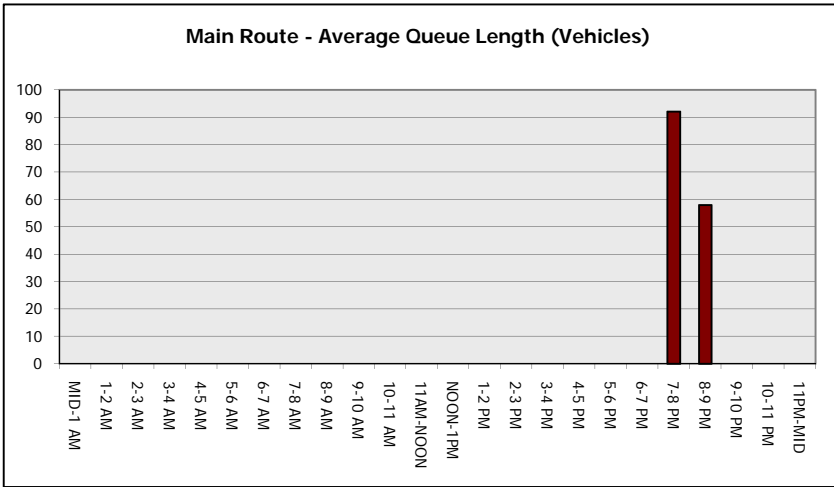
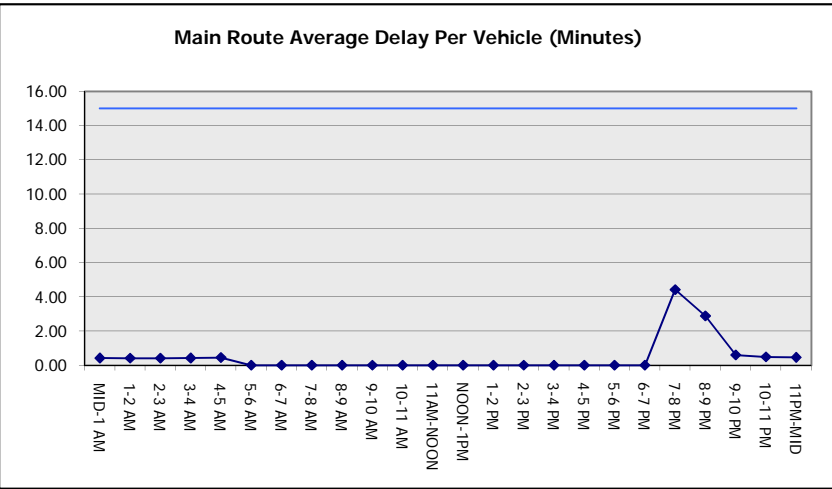
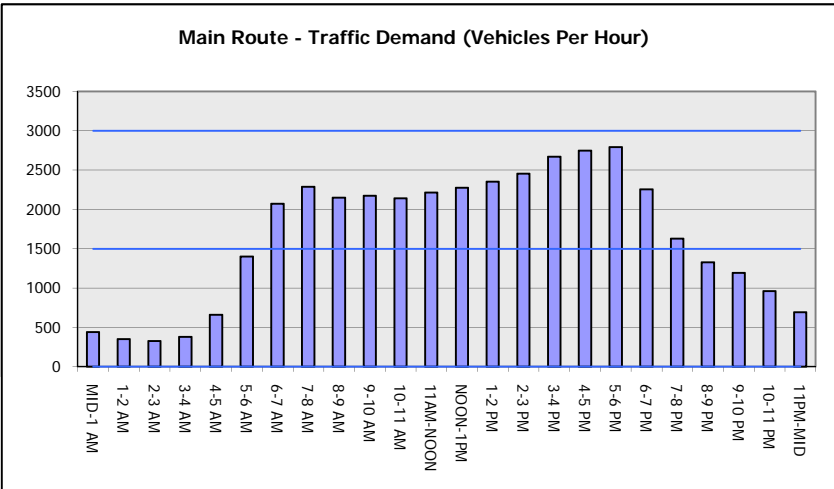
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0693
MAIN ROUTE WITH WORKS	0.0687
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,932
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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 Construction Season

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)	MAY
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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	465	0.0	1500	465	0	0.43	0	70.2	67.1	47.1
1-2 AM	357	0.0	1500	357	0	0.41	0	70.2	67.2	47.6
2-3 AM	323	0.0	1500	323	0	0.41	0	70.2	67.2	47.7
3-4 AM	353	0.0	1500	353	0	0.41	0	70.2	67.2	47.6
4-5 AM	598	0.0	1500	598	0	0.44	0	70.2	67.0	46.5
5-6 AM	1215	0.0	OFF	1215	0	0.00	0	70.2	70.2	70.2
6-7 AM	2072	0.0	OFF	2072	0	0.00	0	69.5	69.5	69.5
7-8 AM	2274	0.0	OFF	2274	0	0.00	0	69.2	69.2	69.2
8-9 AM	1931	0.0	OFF	1931	0	0.00	0	69.6	69.6	69.6
9-10 AM	1995	0.0	OFF	1995	0	0.00	0	69.6	69.6	69.6
10-11 AM	2116	0.0	OFF	2116	0	0.00	0	69.4	69.4	69.4
11AM-NOON	2108	0.0	OFF	2108	0	0.00	0	69.4	69.4	69.4
NOON-1PM	2095	0.0	OFF	2095	0	0.00	0	69.4	69.4	69.4
1-2 PM	2194	0.0	OFF	2194	0	0.00	0	69.3	69.3	69.3
2-3 PM	2406	0.0	OFF	2406	0	0.00	0	69.1	69.1	69.1
3-4 PM	2666	0.0	OFF	2666	0	0.00	0	68.7	68.7	68.7
4-5 PM	2691	0.0	OFF	2691	0	0.00	0	68.7	68.7	68.7
5-6 PM	2525	0.0	OFF	2525	0	0.00	0	68.9	68.9	68.9
6-7 PM	2101	0.0	OFF	2101	0	0.00	0	69.4	69.4	69.4
7-8 PM	1658	0.0	1499	1658	0	4.75	102	70.0	46.4	32.5
8-9 PM	1361	0.0	1499	1361	0	4.75	103	70.2	46.5	33.6
9-10 PM	1188	0.0	1500	1188	0	0.63	0	70.2	65.8	41.6
10-11 PM	970	0.0	1500	970	0	0.49	0	70.2	66.7	44.9
11PM-MID	708	0.0	1500	708	0	0.46	0	70.2	66.9	46.0

"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	0.0666
MAIN ROUTE WITH WORKS	0.0660
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,662
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

