

IH 94: STH 20 TO STH 50 (RACINE AND KENOSHA COUNTIES) CONTINUOUS (24 HOUR) 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	639	0.0	3000	639	0	0.36	0	70.2	67.6	49.7
1-2 AM	418	0.0	3000	418	0	0.36	0	70.2	67.6	49.7
2-3 AM	381	0.0	3000	381	0	0.36	0	70.2	67.6	49.7
3-4 AM	350	0.0	3000	350	0	0.36	0	70.2	67.6	49.7
4-5 AM	373	0.0	3000	373	0	0.36	0	70.2	67.6	49.7
5-6 AM	619	0.0	3000	619	0	0.36	0	70.2	67.6	49.7
6-7 AM	912	0.0	3000	912	0	0.36	0	70.2	67.6	49.7
7-8 AM	1311	0.0	3000	1311	0	0.36	0	70.2	67.6	49.7
8-9 AM	1796	0.0	3000	1796	0	0.35	0	69.8	67.3	49.7
9-10 AM	2289	0.0	3000	2289	0	0.35	0	69.2	66.8	49.7
10-11 AM	2666	0.0	3000	2666	0	0.54	0	68.7	65.0	42.6
11AM-NOON	2840	0.0	3000	2840	0	0.66	0	68.5	64.1	39.4
NOON-1PM	2786	0.0	3000	2786	0	0.62	0	68.6	64.3	40.4
1-2 PM	2744	0.0	3000	2744	0	0.60	0	68.6	64.6	41.1
2-3 PM	2464	0.0	3000	2464	0	0.41	0	69.0	66.1	47.1
3-4 PM	2833	0.0	3000	2833	0	0.65	0	68.5	64.1	39.6
4-5 PM	2506	0.0	3000	2506	0	0.44	0	68.9	65.9	46.1
5-6 PM	2396	0.0	3000	2396	0	0.37	0	69.1	66.4	48.7
6-7 PM	1919	0.0	3000	1919	0	0.35	0	69.7	67.1	49.7
7-8 PM	1569	0.0	3000	1569	0	0.36	0	70.1	67.5	49.7
8-9 PM	1381	0.0	3000	1381	0	0.36	0	70.2	67.6	49.7
9-10 PM	1339	0.0	3000	1339	0	0.36	0	70.2	67.6	49.7
10-11 PM	1064	0.0	3000	1064	0	0.36	0	70.2	67.6	49.7
11PM-MID	790	0.0	3000	790	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

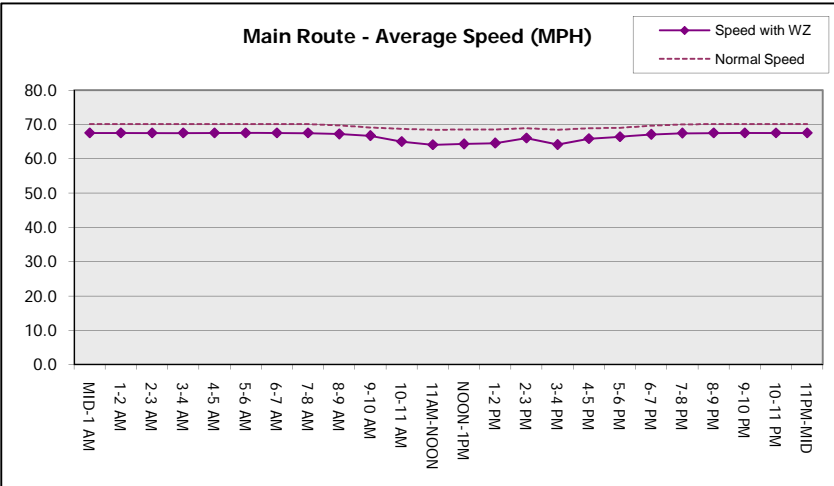
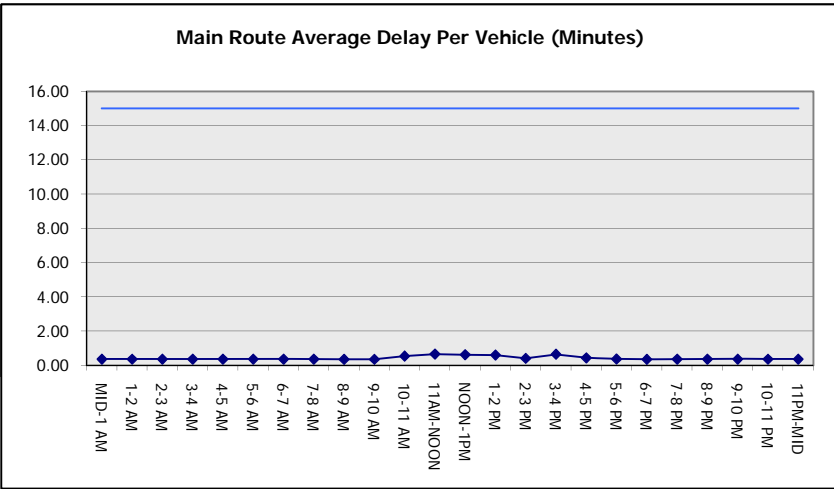
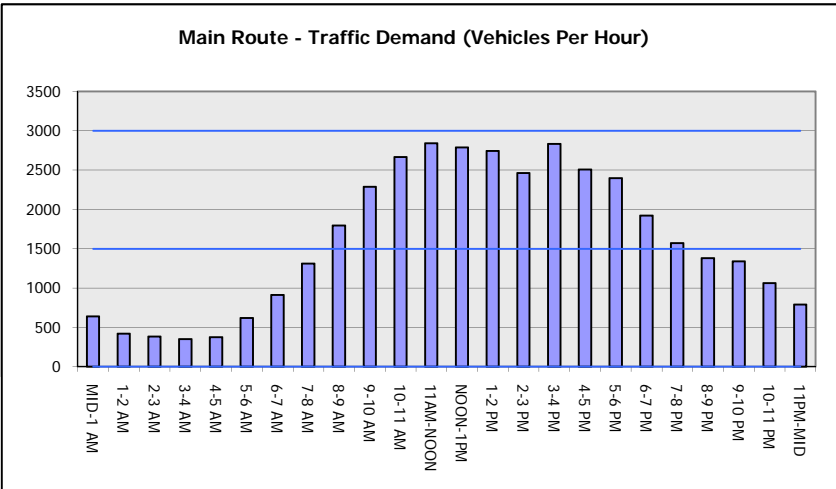
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0666
MAIN ROUTE WITH WORKS	0.0640
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,392
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



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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	629	0.0	3000	629	0	0.36	0	70.2	67.6	49.7
1-2 AM	445	0.0	3000	445	0	0.36	0	70.2	67.6	49.7
2-3 AM	367	0.0	3000	367	0	0.36	0	70.2	67.6	49.7
3-4 AM	330	0.0	3000	330	0	0.36	0	70.2	67.6	49.7
4-5 AM	406	0.0	3000	406	0	0.36	0	70.2	67.6	49.7
5-6 AM	661	0.0	3000	661	0	0.36	0	70.2	67.6	49.7
6-7 AM	1009	0.0	3000	1009	0	0.36	0	70.2	67.6	49.7
7-8 AM	1400	0.0	3000	1400	0	0.36	0	70.2	67.6	49.7
8-9 AM	1873	0.0	3000	1873	0	0.35	0	69.7	67.2	49.7
9-10 AM	2200	0.0	3000	2200	0	0.35	0	69.3	66.8	49.7
10-11 AM	2459	0.0	3000	2459	0	0.41	0	69.0	66.1	47.2
11AM-NOON	2673	0.0	3000	2673	0	0.55	0	68.7	65.0	42.5
NOON-1PM	2661	0.0	3000	2661	0	0.54	0	68.7	65.0	42.7
1-2 PM	2558	0.0	3000	2558	0	0.47	0	68.9	65.6	44.9
2-3 PM	2655	0.0	3000	2655	0	0.54	0	68.7	65.1	42.8
3-4 PM	2730	0.0	3000	2730	0	0.59	0	68.6	64.6	41.4
4-5 PM	2703	0.0	3000	2703	0	0.57	0	68.7	64.8	41.9
5-6 PM	2652	0.0	3000	2652	0	0.53	0	68.7	65.1	42.9
6-7 PM	2169	0.0	3000	2169	0	0.35	0	69.4	66.9	49.7
7-8 PM	1886	0.0	3000	1886	0	0.35	0	69.7	67.2	49.7
8-9 PM	1625	0.0	3000	1625	0	0.36	0	70.0	67.4	49.7
9-10 PM	1435	0.0	3000	1435	0	0.36	0	70.2	67.6	49.7
10-11 PM	1168	0.0	3000	1168	0	0.36	0	70.2	67.6	49.7
11PM-MID	860	0.0	3000	860	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	0.0686
MAIN ROUTE WITH WORKS	0.0660
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,400
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

