

IH 94: STH 50 TO STATE LINE (KENOSHA 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	657	0.0	3000	657	0	0.36	0	70.2	64.8	49.7
1-2 AM	455	0.0	3000	455	0	0.36	0	70.2	64.8	49.7
2-3 AM	418	0.0	3000	418	0	0.36	0	70.2	64.8	49.7
3-4 AM	441	0.0	3000	441	0	0.36	0	70.2	64.8	49.7
4-5 AM	634	0.0	3000	634	0	0.36	0	70.2	64.8	49.7
5-6 AM	1122	0.0	OFF	1122	0	0.00	0	70.2	70.2	70.2
6-7 AM	1780	0.0	OFF	1780	0	0.00	0	69.8	69.8	69.8
7-8 AM	1984	0.0	OFF	1984	0	0.00	0	69.6	69.6	69.6
8-9 AM	1916	0.0	OFF	1916	0	0.00	0	69.7	69.7	69.7
9-10 AM	2269	0.0	OFF	2269	0	0.00	0	69.2	69.2	69.2
10-11 AM	2375	0.0	OFF	2375	0	0.00	0	69.1	69.1	69.1
11AM-NOON	2650	0.0	OFF	2650	0	0.00	0	68.7	68.7	68.7
NOON-1PM	2823	0.0	OFF	2823	0	0.00	0	68.6	68.6	68.6
1-2 PM	3131	0.0	OFF	3131	0	0.00	0	68.1	68.1	68.1
2-3 PM	3447	0.0	OFF	3447	0	0.00	0	67.8	67.8	67.8
3-4 PM	3697	0.0	OFF	3697	0	0.00	0	66.9	66.9	66.9
4-5 PM	4080	0.0	OFF	4080	0	0.00	0	64.3	64.3	64.3
5-6 PM	4062	0.0	OFF	4062	0	0.00	0	64.4	64.4	64.4
6-7 PM	3710	0.0	OFF	3710	0	0.00	0	66.8	66.8	66.8
7-8 PM	2966	0.0	2999	2966	0	1.22	28	68.4	53.8	38.2
8-9 PM	2329	0.0	3000	2329	0	0.35	0	69.1	64.1	49.7
9-10 PM	1807	0.0	3000	1807	0	0.35	0	69.8	64.6	49.7
10-11 PM	1335	0.0	3000	1335	0	0.36	0	70.2	64.8	49.7
11PM-MID	1036	0.0	3000	1036	0	0.36	0	70.2	64.8	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

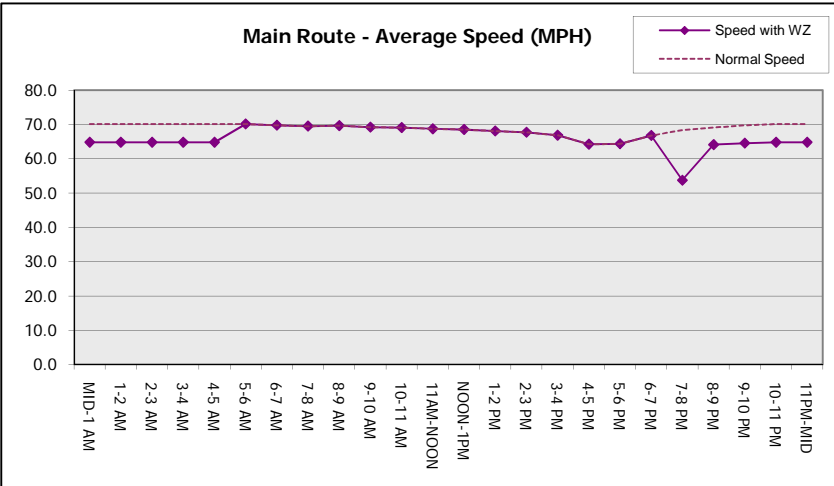
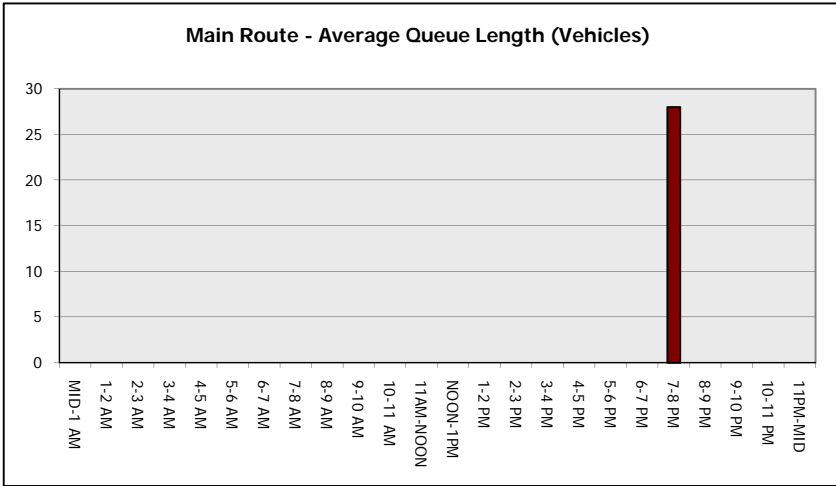
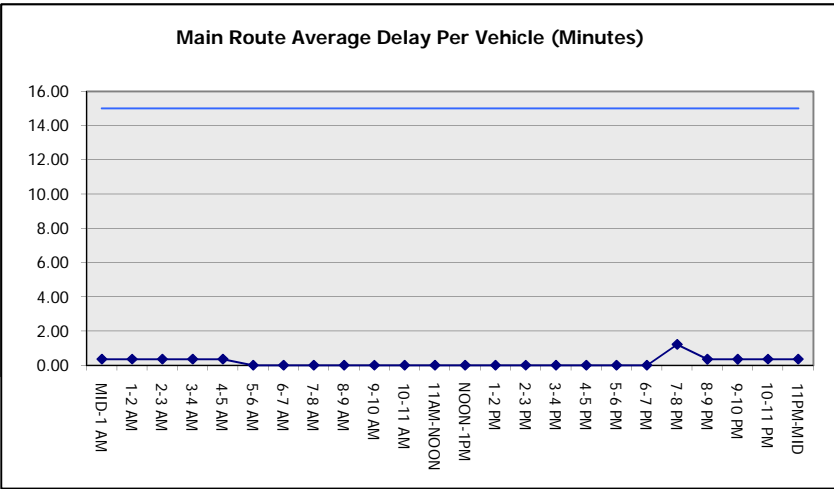
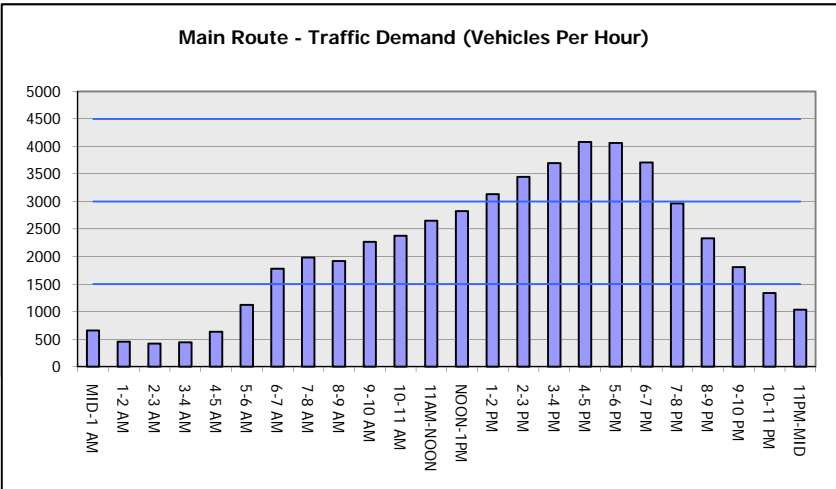
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0415
MAIN ROUTE WITH WORKS	0.0407
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,401
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: STH 50 TO STATE LINE (KENOSHA 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	475	0.0	3000	475	0	0.36	0	70.2	64.8	49.7
1-2 AM	401	0.0	3000	401	0	0.36	0	70.2	64.8	49.7
2-3 AM	396	0.0	3000	396	0	0.36	0	70.2	64.8	49.7
3-4 AM	499	0.0	3000	499	0	0.36	0	70.2	64.8	49.7
4-5 AM	959	0.0	3000	959	0	0.36	0	70.2	64.8	49.7
5-6 AM	2242	0.0	OFF	2242	0	0.00	0	69.2	69.2	69.2
6-7 AM	2930	0.0	OFF	2930	0	0.00	0	68.4	68.4	68.4
7-8 AM	2714	0.0	OFF	2714	0	0.00	0	68.7	68.7	68.7
8-9 AM	2449	0.0	OFF	2449	0	0.00	0	69.0	69.0	69.0
9-10 AM	2465	0.0	OFF	2465	0	0.00	0	69.0	69.0	69.0
10-11 AM	2451	0.0	OFF	2451	0	0.00	0	69.0	69.0	69.0
11AM-NOON	2486	0.0	OFF	2486	0	0.00	0	68.9	68.9	68.9
NOON-1PM	2603	0.0	OFF	2603	0	0.00	0	68.8	68.8	68.8
1-2 PM	2805	0.0	OFF	2805	0	0.00	0	68.6	68.6	68.6
2-3 PM	2806	0.0	OFF	2806	0	0.00	0	68.6	68.6	68.6
3-4 PM	2709	0.0	OFF	2709	0	0.00	0	68.7	68.7	68.7
4-5 PM	2612	0.0	OFF	2612	0	0.00	0	68.8	68.8	68.8
5-6 PM	2544	0.0	OFF	2544	0	0.00	0	68.9	68.9	68.9
6-7 PM	2333	0.0	OFF	2333	0	0.00	0	69.1	69.1	69.1
7-8 PM	2008	0.0	3000	2008	0	0.35	0	69.6	64.4	49.7
8-9 PM	1579	0.0	3000	1579	0	0.36	0	70.0	64.8	49.7
9-10 PM	1359	0.0	3000	1359	0	0.36	0	70.2	64.8	49.7
10-11 PM	1224	0.0	3000	1224	0	0.36	0	70.2	64.8	49.7
11PM-MID	790	0.0	3000	790	0	0.36	0	70.2	64.8	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	0.0372
MAIN ROUTE WITH WORKS	0.0366
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$709
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

