

IH 94: STH 50 TO STATE LINE (KENOSHA COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	679	0.0	OFF	679	0	0.00	0	70.2	70.2	70.2
1-2 AM	418	0.0	OFF	418	0	0.00	0	70.2	70.2	70.2
2-3 AM	273	0.0	OFF	273	0	0.00	0	70.2	70.2	70.2
3-4 AM	220	0.0	OFF	220	0	0.00	0	70.2	70.2	70.2
4-5 AM	212	0.0	OFF	212	0	0.00	0	70.2	70.2	70.2
5-6 AM	310	0.0	OFF	310	0	0.00	0	70.2	70.2	70.2
6-7 AM	554	0.0	OFF	554	0	0.00	0	70.2	70.2	70.2
7-8 AM	911	0.0	OFF	911	0	0.00	0	70.2	70.2	70.2
8-9 AM	1399	0.0	OFF	1399	0	0.00	0	70.2	70.2	70.2
9-10 AM	1967	0.0	3000	1967	0	0.35	0	69.6	64.5	49.7
10-11 AM	2582	0.0	2999	2582	0	0.49	0	68.8	62.0	44.5
11AM-NOON	3006	0.0	2999	3006	0	0.89	8	68.3	57.0	37.3
NOON-1PM	3062	0.0	3000	3062	0	1.94	65	68.2	47.6	36.9
1-2 PM	2961	0.0	2999	2961	0	2.27	83	68.4	45.3	36.9
2-3 PM	2822	0.0	3000	2822	0	0.81	9	68.6	57.9	39.4
3-4 PM	2876	0.0	3000	2876	0	0.68	0	68.4	59.4	38.8
4-5 PM	2827	0.0	3000	2827	0	0.65	0	68.5	59.8	39.6
5-6 PM	2813	0.0	3000	2813	0	0.64	0	68.6	59.9	39.9
6-7 PM	2669	0.0	3000	2669	0	0.55	0	68.7	61.2	42.5
7-8 PM	2521	0.0	OFF	2521	0	0.00	0	68.9	68.9	68.9
8-9 PM	1955	0.0	OFF	1955	0	0.00	0	69.6	69.6	69.6
9-10 PM	1638	0.0	OFF	1638	0	0.00	0	70.0	70.0	70.0
10-11 PM	1135	0.0	OFF	1135	0	0.00	0	70.2	70.2	70.2
11PM-MID	847	0.0	OFF	847	0	0.00	0	70.2	70.2	70.2

"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

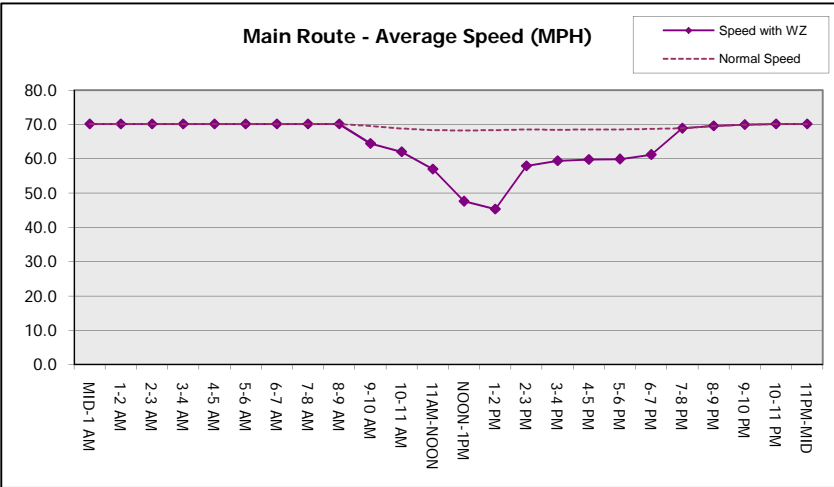
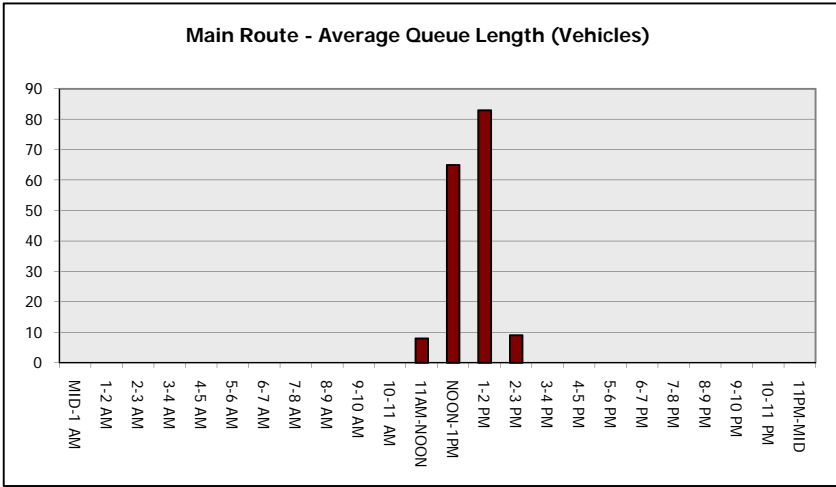
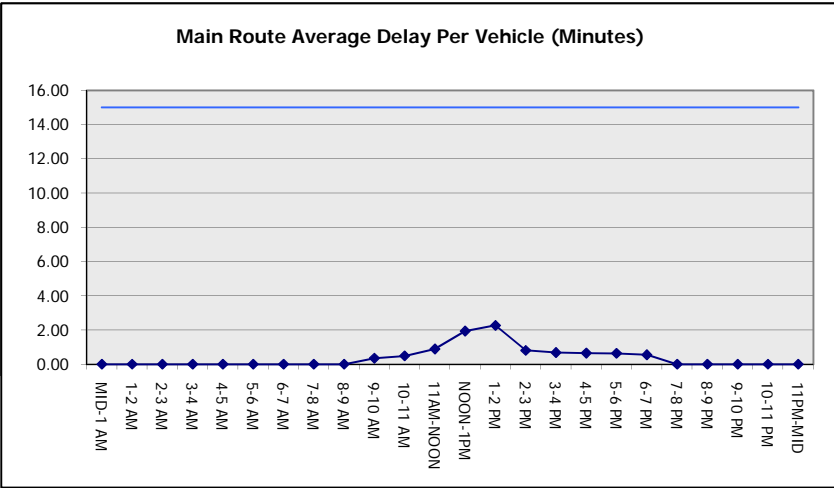
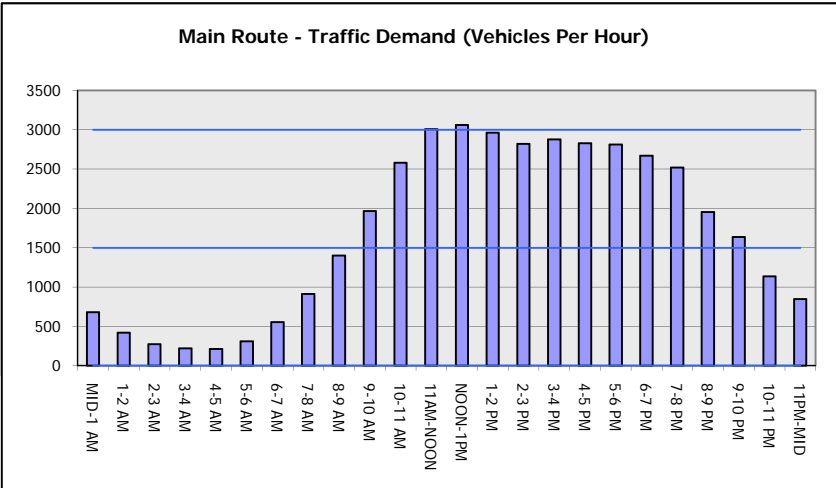
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0330
MAIN ROUTE WITH WORKS	0.0312
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$7,255
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



IH 94: STH 50 TO STATE LINE (KENOSHA COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	549	0.0	OFF	549	0	0.00	0	70.2	70.2	70.2
1-2 AM	332	0.0	OFF	332	0	0.00	0	70.2	70.2	70.2
2-3 AM	305	0.0	OFF	305	0	0.00	0	70.2	70.2	70.2
3-4 AM	236	0.0	OFF	236	0	0.00	0	70.2	70.2	70.2
4-5 AM	249	0.0	OFF	249	0	0.00	0	70.2	70.2	70.2
5-6 AM	375	0.0	OFF	375	0	0.00	0	70.2	70.2	70.2
6-7 AM	587	0.0	OFF	587	0	0.00	0	70.2	70.2	70.2
7-8 AM	853	0.0	OFF	853	0	0.00	0	70.2	70.2	70.2
8-9 AM	1274	0.0	OFF	1274	0	0.00	0	70.2	70.2	70.2
9-10 AM	1997	0.0	3000	1997	0	0.35	0	69.6	64.4	49.7
10-11 AM	2763	0.0	2999	2763	0	0.61	0	68.6	60.4	41.0
11AM-NOON	3190	0.0	2999	3190	0	2.04	77	68.1	46.8	36.9
NOON-1PM	3329	0.0	3000	3329	0	6.84	347	67.9	27.0	36.9
1-2 PM	3415	0.0	3000	3260	154	13.33+	701	67.8	17.1	36.9
2-3 PM	3482	0.0	2999	3000	482	15.27+	800	67.7	15.5	36.9
3-4 PM	3564	0.0	3000	3000	564	15.26+	800	67.6	15.5	36.9
4-5 PM	3530	0.0	3000	3000	530	15.26+	800	67.6	15.5	36.9
5-6 PM	3438	0.0	3000	3000	438	15.27+	800	67.8	15.5	36.9
6-7 PM	2883	0.0	3000	2883	0	14.42+	752	68.4	16.2	36.9
7-8 PM	2439	0.0	OFF	2439	0	0.67	61	69.0	59.9	59.9
8-9 PM	2085	0.0	OFF	2085	0	0.00	0	69.4	69.4	69.4
9-10 PM	1611	0.0	OFF	1611	0	0.00	0	70.0	70.0	70.0
10-11 PM	1047	0.0	OFF	1047	0	0.00	0	70.2	70.2	70.2
11PM-MID	659	0.0	OFF	659	0	0.00	0	70.2	70.2	70.2

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- 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	0.0359
MAIN ROUTE WITH WORKS	0.0322
'DIVERSION'	0.0041

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$91,051
CONGESTED HOURS PER DAY*	6

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

