

IH 94: STH 50 TO STATE LINE (KENOSHA COUNTY) CONTINUOUS (24 HOUR) 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	3000	1122	0	0.36	0	70.2	64.8	49.7
6-7 AM	1780	0.0	3000	1780	0	0.35	0	69.8	64.6	49.7
7-8 AM	1984	0.0	3000	1984	0	0.35	0	69.6	64.4	49.7
8-9 AM	1916	0.0	3000	1916	0	0.35	0	69.7	64.5	49.7
9-10 AM	2269	0.0	3000	2269	0	0.35	0	69.2	64.1	49.7
10-11 AM	2375	0.0	3000	2375	0	0.35	0	69.1	64.0	49.4
11AM-NOON	2650	0.0	3000	2650	0	0.53	0	68.7	61.4	43.0
NOON-1PM	2823	0.0	2999	2823	0	0.65	0	68.6	59.9	39.7
1-2 PM	3131	0.0	2999	3131	0	1.54	46	68.1	50.8	36.9
2-3 PM	3447	0.0	3000	3447	0	6.46	337	67.8	27.9	36.9
3-4 PM	3697	0.0	3000	3292	405	14.51+	764	66.9	16.0	36.9
4-5 PM	4080	0.0	2999	3000	1080	15.03+	799	64.3	15.5	36.9
5-6 PM	4062	0.0	3000	3000	1062	15.04+	800	64.4	15.5	36.9
6-7 PM	3710	0.0	3000	2979	731	15.17+	797	66.8	15.5	36.9
7-8 PM	2966	0.0	2999	2827	138	14.50+	756	68.4	16.1	36.9
8-9 PM	2329	0.0	2999	2329	0	6.37	377	69.1	28.3	41.4
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

+ 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

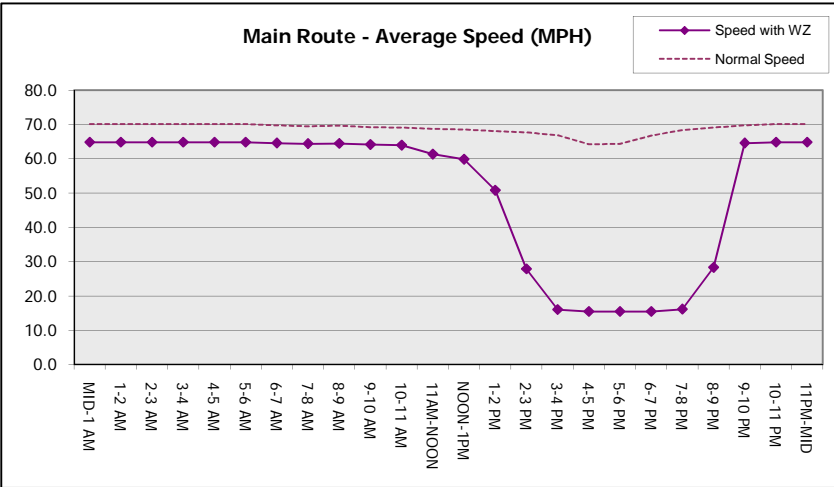
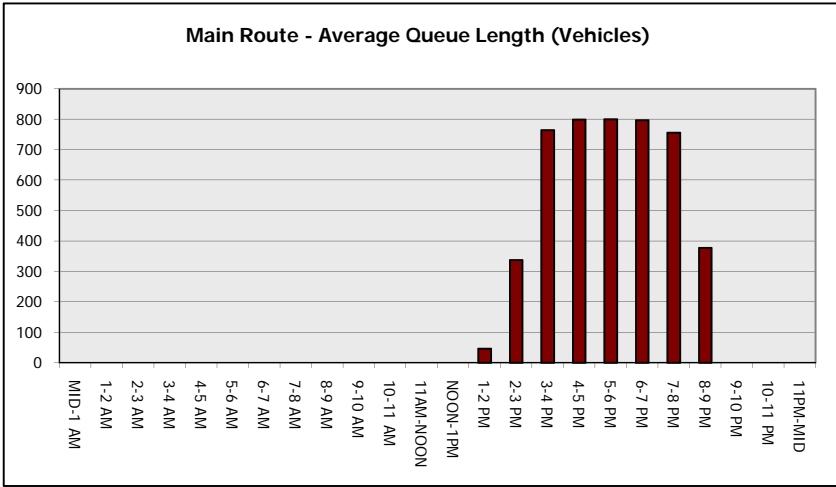
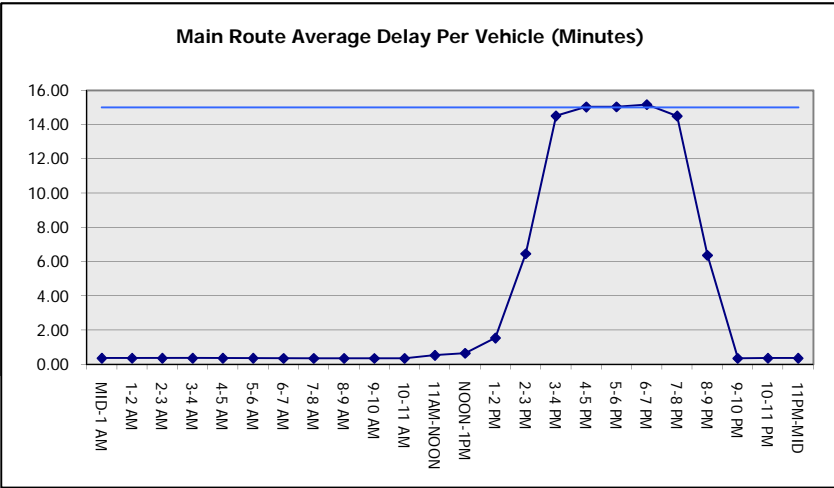
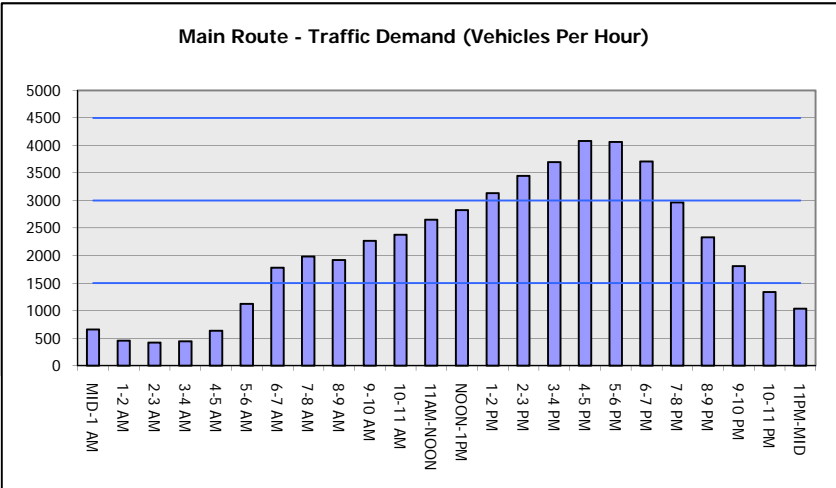
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0415
MAIN ROUTE WITH WORKS	0.0356
'DIVERSION'	0.0064
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$74,275
CONGESTED HOURS PER DAY*	5

*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) CONTINUOUS (24 HOUR) 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	3000	2242	0	0.35	0	69.2	64.2	49.7
6-7 AM	2930	0.0	3000	2930	0	0.72	0	68.4	58.9	37.9
7-8 AM	2714	0.0	3000	2714	0	0.58	0	68.7	60.8	41.7
8-9 AM	2449	0.0	3000	2449	0	0.40	0	69.0	63.3	47.4
9-10 AM	2465	0.0	3000	2465	0	0.41	0	69.0	63.1	47.0
10-11 AM	2451	0.0	3000	2451	0	0.40	0	69.0	63.2	47.4
11AM-NOON	2486	0.0	3000	2486	0	0.43	0	68.9	62.9	46.5
NOON-1PM	2603	0.0	3000	2603	0	0.50	0	68.8	61.8	43.9
1-2 PM	2805	0.0	3000	2805	0	0.64	0	68.6	60.0	40.1
2-3 PM	2806	0.0	3000	2806	0	0.64	0	68.6	60.0	40.0
3-4 PM	2709	0.0	3000	2709	0	0.57	0	68.7	60.9	41.8
4-5 PM	2612	0.0	3000	2612	0	0.51	0	68.8	61.7	43.7
5-6 PM	2544	0.0	3000	2544	0	0.46	0	68.9	62.3	45.2
6-7 PM	2333	0.0	3000	2333	0	0.35	0	69.1	64.1	49.7
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

----- 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	0.0342
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,937
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

