

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

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	OFF	657	0	0.00	0	70.2	70.2	70.2
1-2 AM	455	0.0	OFF	455	0	0.00	0	70.2	70.2	70.2
2-3 AM	418	0.0	OFF	418	0	0.00	0	70.2	70.2	70.2
3-4 AM	441	0.0	OFF	441	0	0.00	0	70.2	70.2	70.2
4-5 AM	634	0.0	OFF	634	0	0.00	0	70.2	70.2	70.2
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	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	OFF	4080	0	2.46	197	64.3	42.4	42.4
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	OFF	2966	0	0.00	0	68.4	68.4	68.4
8-9 PM	2329	0.0	OFF	2329	0	0.00	0	69.1	69.1	69.1
9-10 PM	1807	0.0	OFF	1807	0	0.00	0	69.8	69.8	69.8
10-11 PM	1335	0.0	OFF	1335	0	0.00	0	70.2	70.2	70.2
11PM-MID	1036	0.0	OFF	1036	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

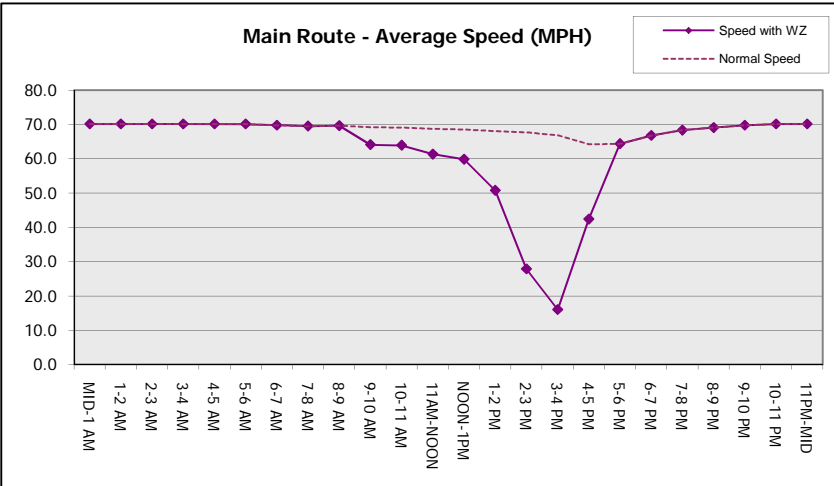
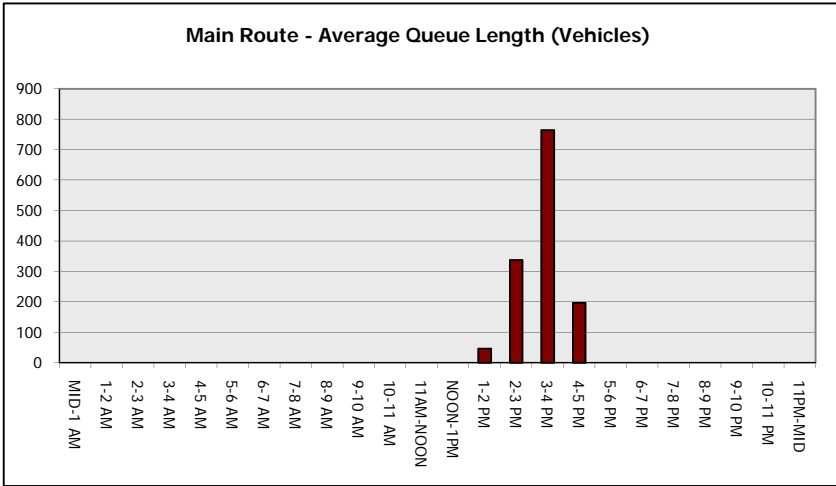
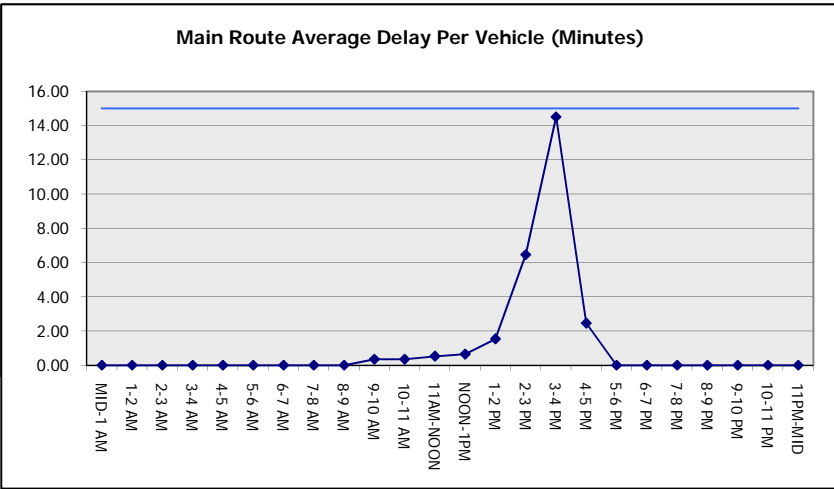
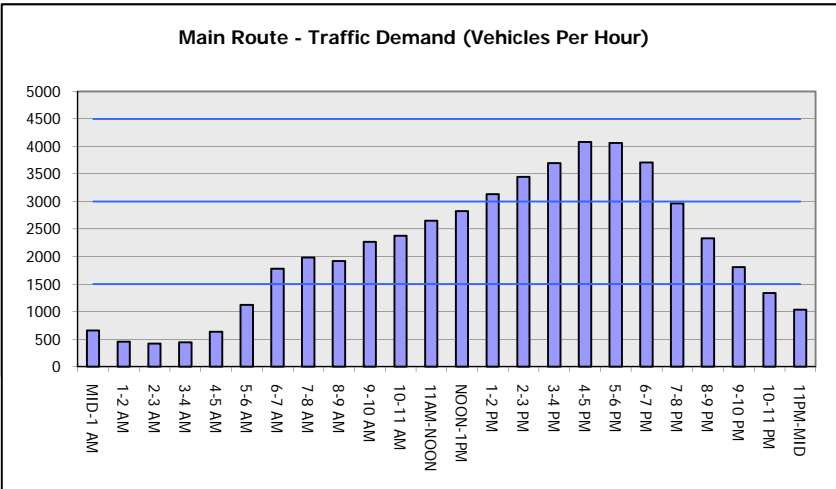
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0415
MAIN ROUTE WITH WORKS	0.0399
'DIVERSION'	0.0008
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$17,057
CONGESTED HOURS PER DAY*	1

*Delays Exceeding User-Specified Maximum

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MAY
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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY 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

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	OFF	475	0	0.00	0	70.2	70.2	70.2
1-2 AM	401	0.0	OFF	401	0	0.00	0	70.2	70.2	70.2
2-3 AM	396	0.0	OFF	396	0	0.00	0	70.2	70.2	70.2
3-4 AM	499	0.0	OFF	499	0	0.00	0	70.2	70.2	70.2
4-5 AM	959	0.0	OFF	959	0	0.00	0	70.2	70.2	70.2
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	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	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	OFF	2008	0	0.00	0	69.6	69.6	69.6
8-9 PM	1579	0.0	OFF	1579	0	0.00	0	70.0	70.0	70.0
9-10 PM	1359	0.0	OFF	1359	0	0.00	0	70.2	70.2	70.2
10-11 PM	1224	0.0	OFF	1224	0	0.00	0	70.2	70.2	70.2
11PM-MID	790	0.0	OFF	790	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	0.0372
MAIN ROUTE WITH WORKS	0.0360
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,694
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

