

IH 94: STH 50 TO STATE LINE (KENOSHA COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	814	0.0	OFF	814	0	0.00	0	70.2	70.2	70.2
1-2 AM	633	0.0	OFF	633	0	0.00	0	70.2	70.2	70.2
2-3 AM	445	0.0	OFF	445	0	0.00	0	70.2	70.2	70.2
3-4 AM	474	0.0	OFF	474	0	0.00	0	70.2	70.2	70.2
4-5 AM	684	0.0	OFF	684	0	0.00	0	70.2	70.2	70.2
5-6 AM	1091	0.0	OFF	1091	0	0.00	0	70.2	70.2	70.2
6-7 AM	1710	0.0	OFF	1710	0	0.00	0	69.9	69.9	69.9
7-8 AM	1987	0.0	OFF	1987	0	0.00	0	69.6	69.6	69.6
8-9 AM	2024	0.0	OFF	2024	0	0.00	0	69.6	69.6	69.6
9-10 AM	2435	0.0	2999	2435	0	0.41	0	69.0	63.2	47.4
10-11 AM	2926	0.0	2999	2926	0	0.75	2	68.4	58.6	38.2
11AM-NOON	3181	0.0	3000	3181	0	2.18	83	68.1	45.9	36.9
NOON-1PM	3435	0.0	3000	3435	0	7.52	393	67.8	25.4	36.9
1-2 PM	3649	0.0	2999	3229	420	14.77+	776	67.3	15.8	36.9
2-3 PM	4018	0.0	3000	3000	1018	15.06+	800	64.7	15.5	36.9
3-4 PM	4080	0.0	3000	3000	1080	15.03+	800	64.3	15.5	36.9
4-5 PM	4285	0.0	OFF	4285	0	2.63	212	62.9	40.9	40.9
5-6 PM	4385	0.0	OFF	4385	0	0.00	0	62.2	62.2	62.2
6-7 PM	4227	0.0	OFF	4227	0	0.00	0	63.3	63.3	63.3
7-8 PM	3792	0.0	OFF	3792	0	0.00	0	66.3	66.3	66.3
8-9 PM	2829	0.0	OFF	2829	0	0.00	0	68.5	68.5	68.5
9-10 PM	2155	0.0	OFF	2155	0	0.00	0	69.4	69.4	69.4
10-11 PM	1663	0.0	OFF	1663	0	0.00	0	70.0	70.0	70.0
11PM-MID	1234	0.0	OFF	1234	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

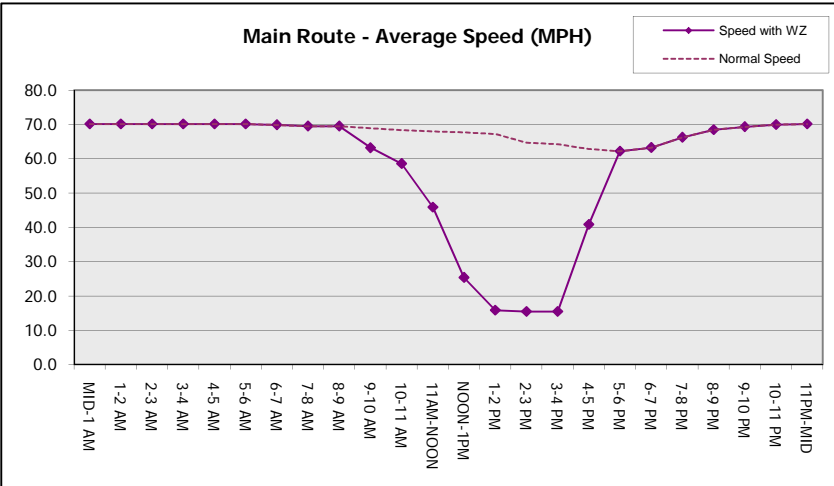
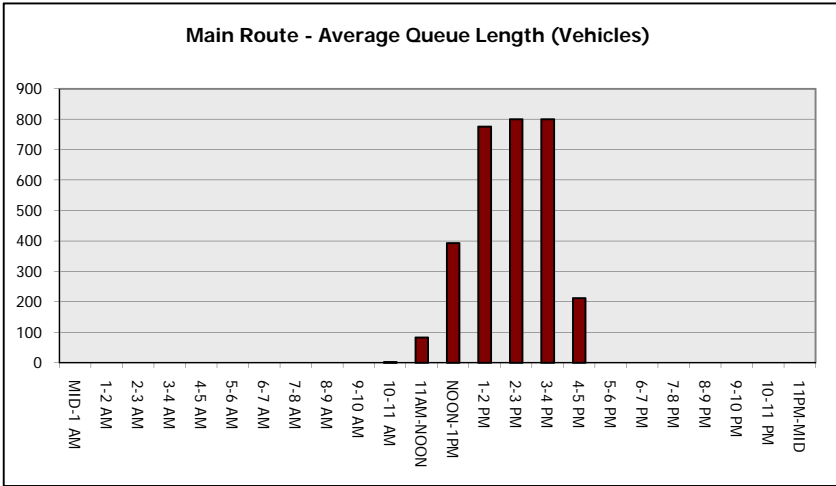
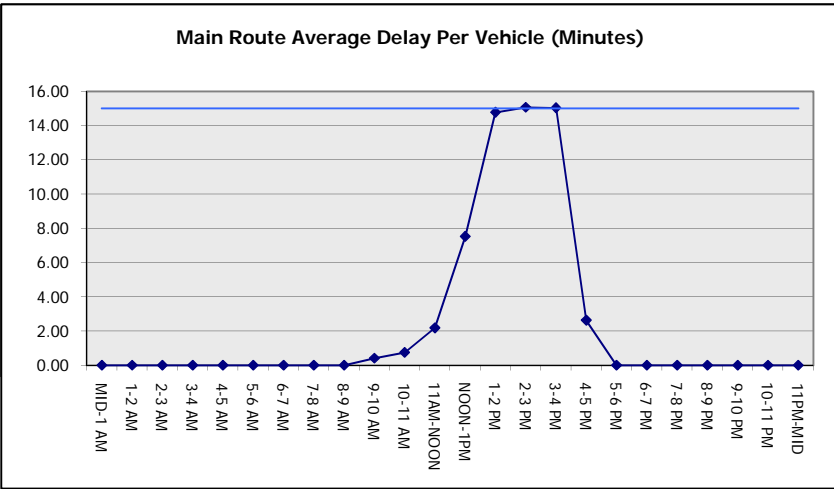
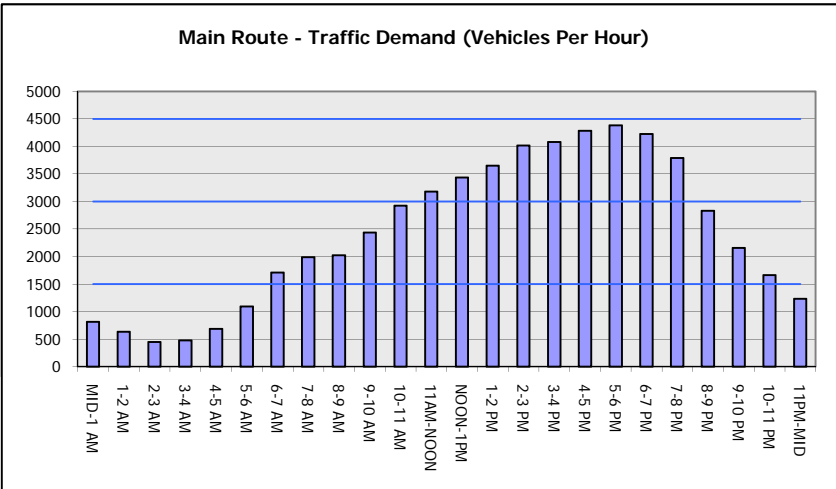
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0472
MAIN ROUTE WITH WORKS	0.0438
'DIVERSION'	0.0047
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$46,001
CONGESTED HOURS PER DAY*	3

*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) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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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	534	0.0	OFF	534	0	0.00	0	70.2	70.2	70.2
1-2 AM	436	0.0	OFF	436	0	0.00	0	70.2	70.2	70.2
2-3 AM	427	0.0	OFF	427	0	0.00	0	70.2	70.2	70.2
3-4 AM	523	0.0	OFF	523	0	0.00	0	70.2	70.2	70.2
4-5 AM	984	0.0	OFF	984	0	0.00	0	70.2	70.2	70.2
5-6 AM	2128	0.0	OFF	2128	0	0.00	0	69.4	69.4	69.4
6-7 AM	2730	0.0	OFF	2730	0	0.00	0	68.6	68.6	68.6
7-8 AM	2623	0.0	OFF	2623	0	0.00	0	68.8	68.8	68.8
8-9 AM	2367	0.0	OFF	2367	0	0.00	0	69.1	69.1	69.1
9-10 AM	2600	0.0	3000	2600	0	0.50	0	68.8	61.9	44.0
10-11 AM	2809	0.0	3000	2809	0	0.64	0	68.6	60.0	39.9
11AM-NOON	2757	0.0	3000	2757	0	0.60	0	68.6	60.4	40.9
NOON-1PM	2906	0.0	2999	2906	0	0.70	0	68.4	59.1	38.3
1-2 PM	3047	0.0	2999	3047	0	1.11	19	68.2	54.6	36.9
2-3 PM	3026	0.0	2999	3026	0	1.93	64	68.2	47.7	36.9
3-4 PM	2912	0.0	2999	2912	0	1.45	41	68.4	51.7	37.6
4-5 PM	2680	0.0	OFF	2680	0	0.00	0	68.7	68.7	68.7
5-6 PM	2639	0.0	OFF	2639	0	0.00	0	68.7	68.7	68.7
6-7 PM	2538	0.0	OFF	2538	0	0.00	0	68.9	68.9	68.9
7-8 PM	2115	0.0	OFF	2115	0	0.00	0	69.4	69.4	69.4
8-9 PM	1795	0.0	OFF	1795	0	0.00	0	69.8	69.8	69.8
9-10 PM	1528	0.0	OFF	1528	0	0.00	0	70.1	70.1	70.1
10-11 PM	1359	0.0	OFF	1359	0	0.00	0	70.2	70.2	70.2
11PM-MID	1020	0.0	OFF	1020	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	0.0394
MAIN ROUTE WITH WORKS	0.0380
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,174
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

