

IH 94: STH 50 TO STATE LINE (KENOSHA COUNTY) NIGHTTIME 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	3000	814	0	0.36	0	70.2	64.8	49.7
1-2 AM	633	0.0	3000	633	0	0.36	0	70.2	64.8	49.7
2-3 AM	445	0.0	3000	445	0	0.36	0	70.2	64.8	49.7
3-4 AM	474	0.0	3000	474	0	0.36	0	70.2	64.8	49.7
4-5 AM	684	0.0	3000	684	0	0.36	0	70.2	64.8	49.7
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	OFF	2435	0	0.00	0	69.0	69.0	69.0
10-11 AM	2926	0.0	OFF	2926	0	0.00	0	68.4	68.4	68.4
11AM-NOON	3181	0.0	OFF	3181	0	0.00	0	68.1	68.1	68.1
NOON-1PM	3435	0.0	OFF	3435	0	0.00	0	67.8	67.8	67.8
1-2 PM	3649	0.0	OFF	3649	0	0.00	0	67.3	67.3	67.3
2-3 PM	4018	0.0	OFF	4018	0	0.00	0	64.7	64.7	64.7
3-4 PM	4080	0.0	OFF	4080	0	0.00	0	64.3	64.3	64.3
4-5 PM	4285	0.0	OFF	4285	0	0.00	0	62.9	62.9	62.9
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	2999	3792	0	7.67	439	66.3	24.9	36.9
8-9 PM	2829	0.0	2999	2818	10	14.38+	751	68.5	16.2	36.9
9-10 PM	2155	0.0	2999	2155	0	3.49	252	69.4	38.7	44.7
10-11 PM	1663	0.0	3000	1663	0	0.36	0	70.0	64.7	49.7
11PM-MID	1234	0.0	3000	1234	0	0.36	0	70.2	64.8	49.7

"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

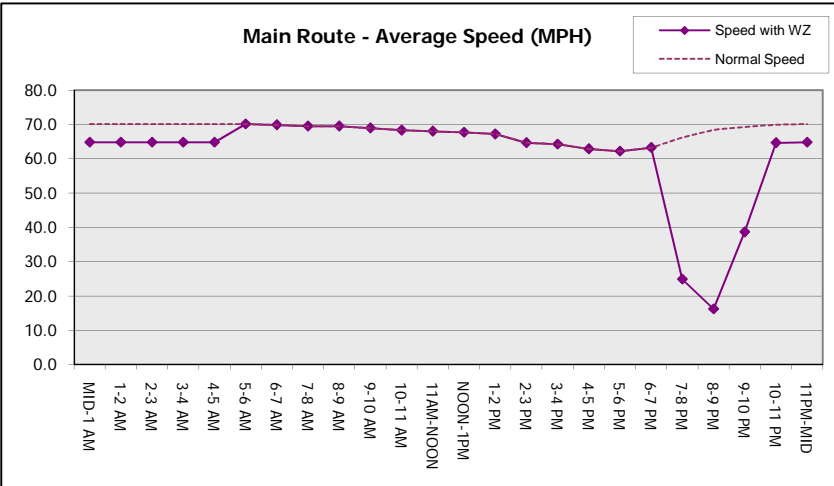
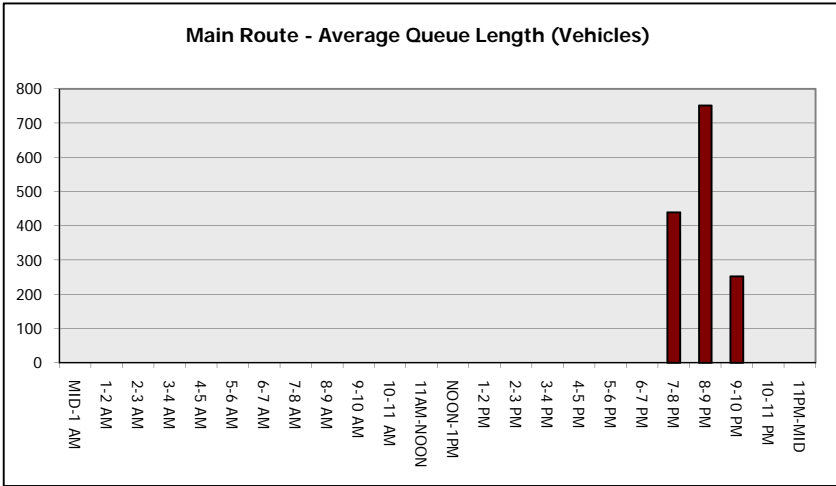
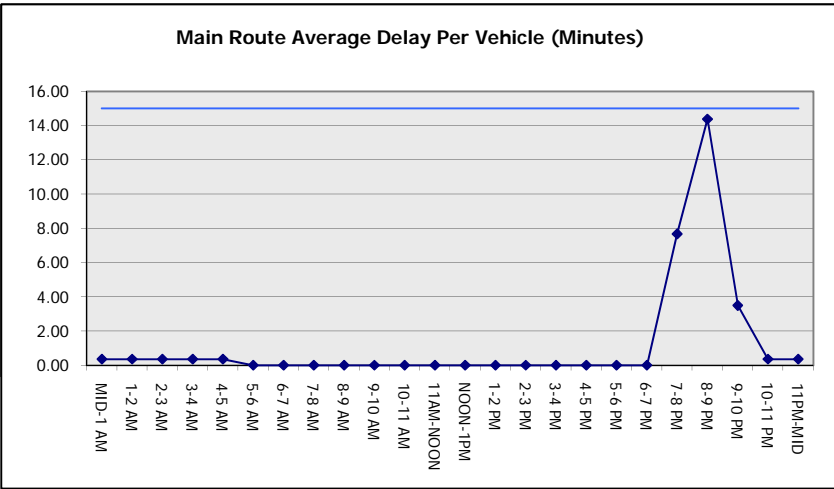
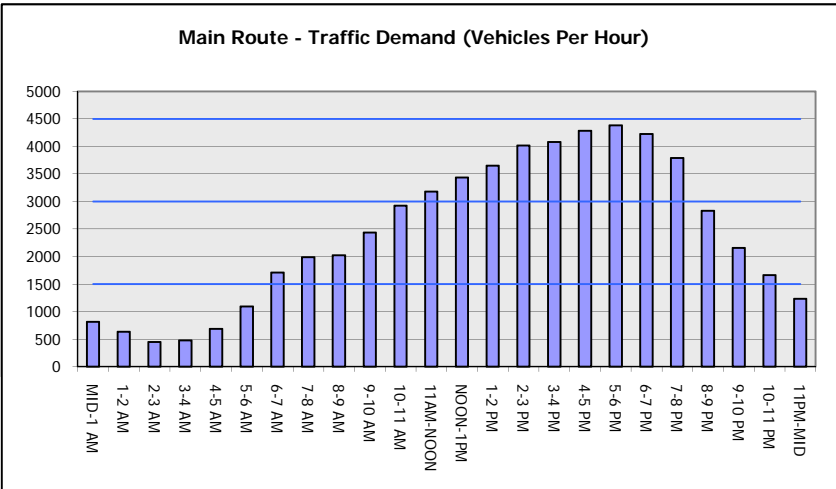
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0472
MAIN ROUTE WITH WORKS	0.0462
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$20,053
CONGESTED HOURS PER DAY*	1

*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)	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	3000	534	0	0.36	0	70.2	64.8	49.7
1-2 AM	436	0.0	3000	436	0	0.36	0	70.2	64.8	49.7
2-3 AM	427	0.0	3000	427	0	0.36	0	70.2	64.8	49.7
3-4 AM	523	0.0	3000	523	0	0.36	0	70.2	64.8	49.7
4-5 AM	984	0.0	3000	984	0	0.36	0	70.2	64.8	49.7
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	OFF	2600	0	0.00	0	68.8	68.8	68.8
10-11 AM	2809	0.0	OFF	2809	0	0.00	0	68.6	68.6	68.6
11AM-NOON	2757	0.0	OFF	2757	0	0.00	0	68.6	68.6	68.6
NOON-1PM	2906	0.0	OFF	2906	0	0.00	0	68.4	68.4	68.4
1-2 PM	3047	0.0	OFF	3047	0	0.00	0	68.2	68.2	68.2
2-3 PM	3026	0.0	OFF	3026	0	0.00	0	68.2	68.2	68.2
3-4 PM	2912	0.0	OFF	2912	0	0.00	0	68.4	68.4	68.4
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	3000	2115	0	0.35	0	69.4	64.3	49.7
8-9 PM	1795	0.0	3000	1795	0	0.35	0	69.8	64.6	49.7
9-10 PM	1528	0.0	3000	1528	0	0.36	0	70.1	64.8	49.7
10-11 PM	1359	0.0	3000	1359	0	0.36	0	70.2	64.8	49.7
11PM-MID	1020	0.0	3000	1020	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	0.0394
MAIN ROUTE WITH WORKS	0.0387
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$965
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

