

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

MON-THUR 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	518	0.0	3000	518	0	0.36	0	70.2	64.8	49.7	
1-2 AM	382	0.0	3000	382	0	0.36	0	70.2	64.8	49.7	
2-3 AM	331	0.0	3000	331	0	0.36	0	70.2	64.8	49.7	
3-4 AM	360	0.0	3000	360	0	0.36	0	70.2	64.8	49.7	
4-5 AM	574	0.0	3000	574	0	0.36	0	70.2	64.8	49.7	
5-6 AM	1021	0.0	3000	1021	0	0.36	0	70.2	64.8	49.7	
6-7 AM	1686	0.0	3000	1686	0	0.36	0	69.9	64.6	49.7	
7-8 AM	1947	0.0	3000	1947	0	0.35	0	69.6	64.5	49.7	
8-9 AM	1762	0.0	3000	1762	0	0.36	0	69.9	64.6	49.7	
9-10 AM	2015	0.0	3000	2015	0	0.35	0	69.6	64.4	49.7	
10-11 AM	2135	0.0	3000	2135	0	0.35	0	69.4	64.3	49.7	
11AM-NOON	2157	0.0	3000	2157	0	0.35	0	69.4	64.3	49.7	
NOON-1PM	2154	0.0	3000	2154	0	0.35	0	69.4	64.3	49.7	
1-2 PM	2238	0.0	3000	2238	0	0.35	0	69.2	64.2	49.7	
2-3 PM	2542	0.0	2999	2542	0	0.46	0	68.9	62.4	45.4	
3-4 PM	3025	0.0	2999	3025	0	0.99	15	68.2	55.9	37.4	
4-5 PM	3306	0.0	3000	3306	0	4.28	207	67.9	34.8	36.9	
5-6 PM	3225	0.0	2999	3225	0	9.74	499	68.0	21.5	36.9	
6-7 PM	2667	0.0	2999	2667	0	9.02	467	68.7	22.7	37.3	
7-8 PM	1899	0.0	3000	1899	0	0.80	35	69.7	58.9	49.7	
8-9 PM	1513	0.0	3000	1513	0	0.36	0	70.2	64.8	49.7	
9-10 PM	1339	0.0	3000	1339	0	0.36	0	70.2	64.8	49.7	
10-11 PM	1036	0.0	3000	1036	0	0.36	0	70.2	64.8	49.7	
11PM-MID	772	0.0	3000	772	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	0.0330
MAIN ROUTE WITH WORKS	0.0303
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

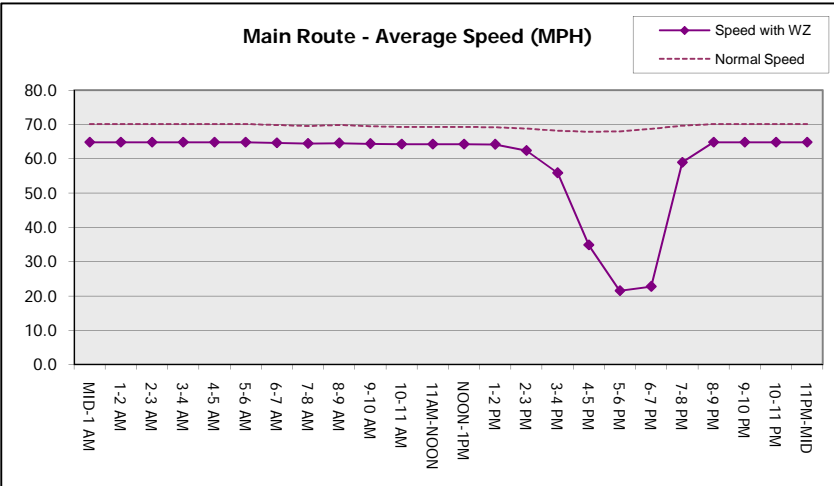
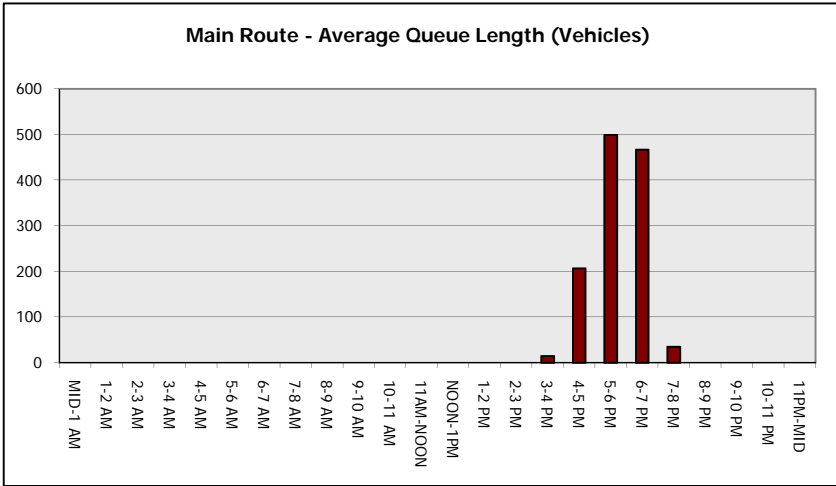
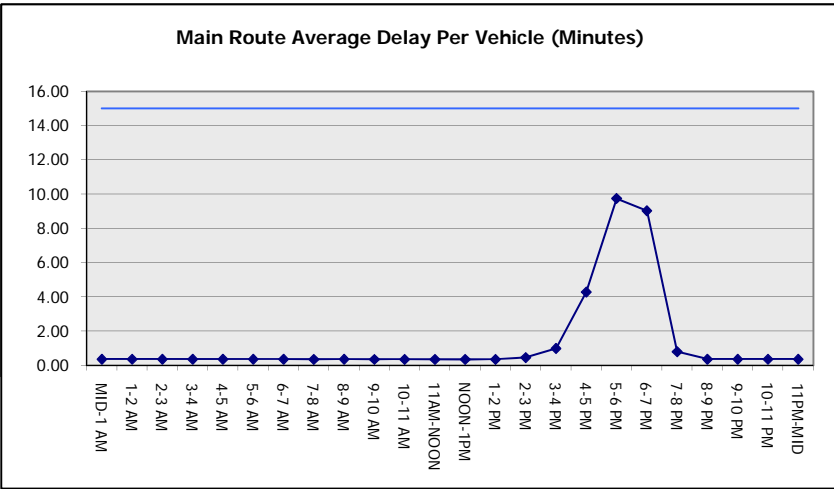
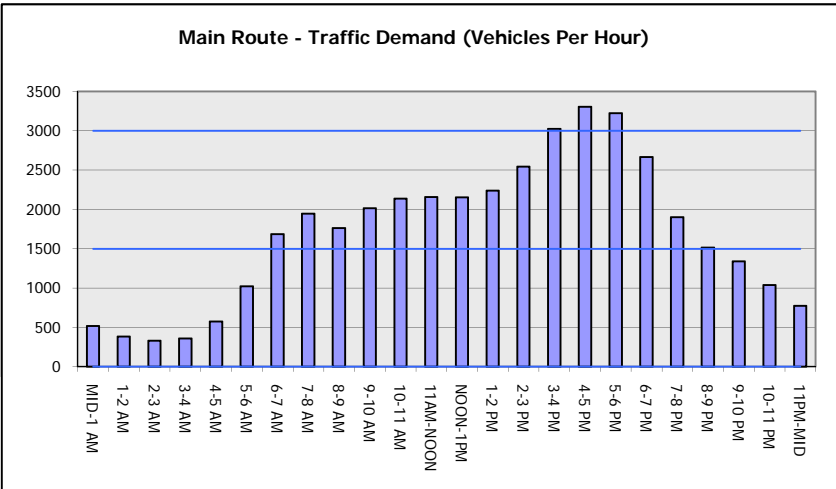
ROAD USER COSTS PER DAY	\$17,348
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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

MON-THUR 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	419	0.0	3000	419	0	0.36	0	70.2	64.8	49.7
1-2 AM	347	0.0	3000	347	0	0.36	0	70.2	64.8	49.7
2-3 AM	338	0.0	3000	338	0	0.36	0	70.2	64.8	49.7
3-4 AM	415	0.0	3000	415	0	0.36	0	70.2	64.8	49.7
4-5 AM	866	0.0	3000	866	0	0.36	0	70.2	64.8	49.7
5-6 AM	2230	0.0	2999	2230	0	0.39	0	69.2	63.6	47.9
6-7 AM	3040	0.0	2999	3040	0	0.98	13	68.2	56.0	37.1
7-8 AM	2760	0.0	3000	2760	0	0.76	8	68.6	58.6	40.6
8-9 AM	2380	0.0	3000	2380	0	0.36	0	69.1	63.9	49.2
9-10 AM	2254	0.0	3000	2254	0	0.35	0	69.2	64.2	49.7
10-11 AM	2175	0.0	3000	2175	0	0.35	0	69.3	64.3	49.7
11AM-NOON	2211	0.0	3000	2211	0	0.35	0	69.3	64.2	49.7
NOON-1PM	2289	0.0	3000	2289	0	0.35	0	69.2	64.1	49.7
1-2 PM	2387	0.0	3000	2387	0	0.36	0	69.1	63.8	49.0
2-3 PM	2456	0.0	3000	2456	0	0.41	0	69.0	63.2	47.3
3-4 PM	2480	0.0	3000	2480	0	0.42	0	68.9	63.0	46.7
4-5 PM	2370	0.0	3000	2370	0	0.35	0	69.1	64.0	49.5
5-6 PM	2323	0.0	3000	2323	0	0.35	0	69.2	64.1	49.7
6-7 PM	2055	0.0	3000	2055	0	0.35	0	69.5	64.3	49.7
7-8 PM	1613	0.0	3000	1613	0	0.36	0	70.0	64.7	49.7
8-9 PM	1379	0.0	3000	1379	0	0.36	0	70.2	64.8	49.7
9-10 PM	1218	0.0	3000	1218	0	0.36	0	70.2	64.8	49.7
10-11 PM	930	0.0	3000	930	0	0.36	0	70.2	64.8	49.7
11PM-MID	633	0.0	3000	633	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	0.0337
MAIN ROUTE WITH WORKS	0.0310
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,754
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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