

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

SATURDAY 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	703	0.0	3000	703	0	0.36	0	70.2	64.8	49.7
1-2 AM	481	0.0	3000	481	0	0.36	0	70.2	64.8	49.7
2-3 AM	353	0.0	3000	353	0	0.36	0	70.2	64.8	49.7
3-4 AM	317	0.0	3000	317	0	0.36	0	70.2	64.8	49.7
4-5 AM	419	0.0	3000	419	0	0.36	0	70.2	64.8	49.7
5-6 AM	650	0.0	3000	650	0	0.36	0	70.2	64.8	49.7
6-7 AM	1035	0.0	3000	1035	0	0.36	0	70.2	64.8	49.7
7-8 AM	1517	0.0	3000	1517	0	0.36	0	70.2	64.8	49.7
8-9 AM	2077	0.0	3000	2077	0	0.35	0	69.4	64.3	49.7
9-10 AM	2483	0.0	3000	2483	0	0.42	0	68.9	62.9	46.6
10-11 AM	2810	0.0	2999	2810	0	0.64	0	68.6	60.0	40.0
11AM-NOON	3084	0.0	2999	3084	0	1.37	34	68.2	52.3	36.9
NOON-1PM	3045	0.0	2999	3045	0	2.79	112	68.2	42.0	36.9
1-2 PM	2908	0.0	2999	2908	0	2.27	84	68.4	45.3	36.9
2-3 PM	2998	0.0	3000	2998	0	1.34	31	68.3	52.6	36.9
3-4 PM	3052	0.0	3000	3052	0	1.88	61	68.2	48.1	36.9
4-5 PM	2967	0.0	2999	2967	0	2.15	76	68.4	46.2	36.9
5-6 PM	2865	0.0	2999	2865	0	1.01	18	68.5	55.8	38.6
6-7 PM	2453	0.0	3000	2453	0	0.41	0	69.0	63.2	47.3
7-8 PM	2106	0.0	3000	2106	0	0.35	0	69.4	64.3	49.7
8-9 PM	1830	0.0	3000	1830	0	0.35	0	69.7	64.5	49.7
9-10 PM	1585	0.0	3000	1585	0	0.36	0	70.0	64.8	49.7
10-11 PM	1230	0.0	3000	1230	0	0.36	0	70.2	64.8	49.7
11PM-MID	926	0.0	3000	926	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	0.0356
MAIN ROUTE WITH WORKS	0.0327
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

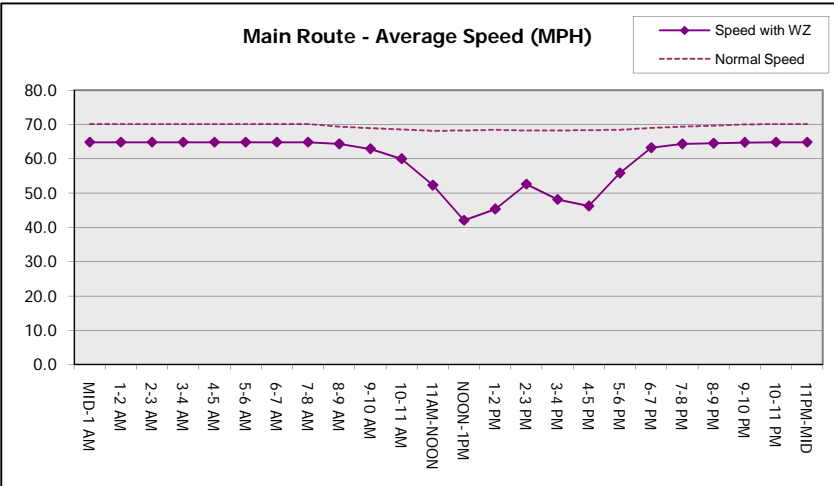
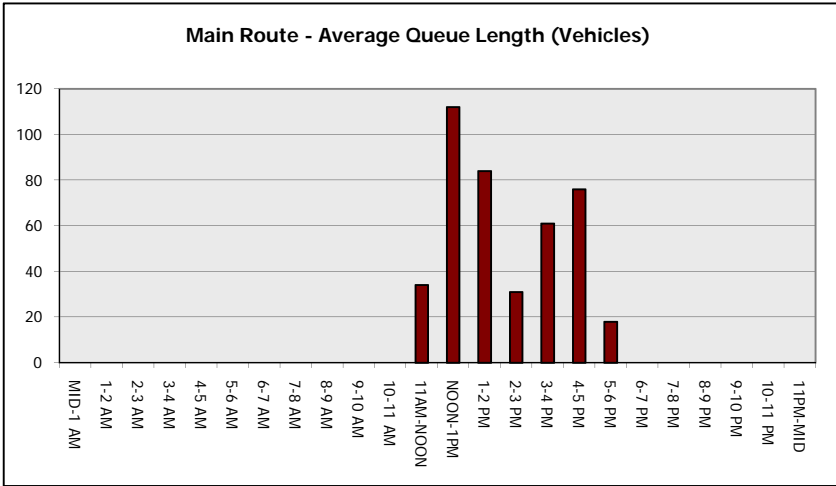
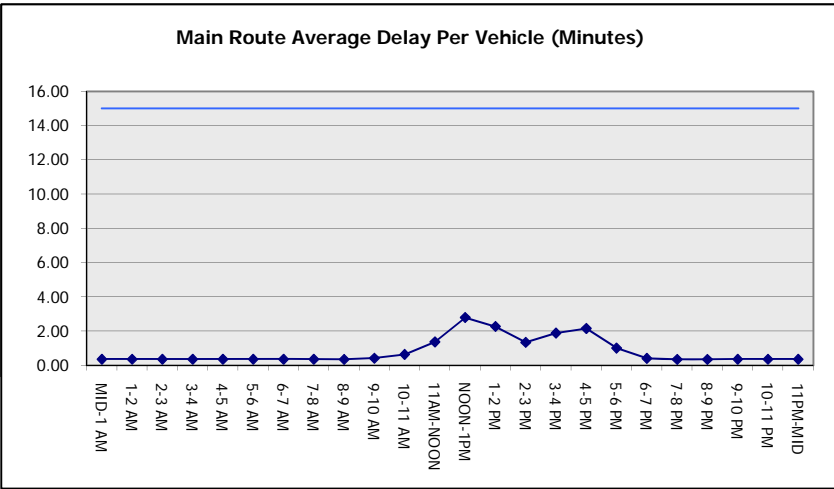
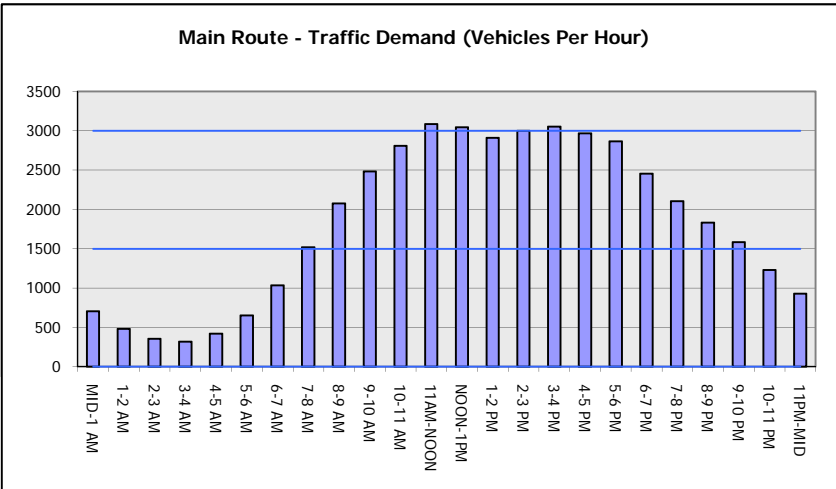
ROAD USER COSTS PER DAY	\$12,486
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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

SATURDAY 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	600	0.0	3000	600	0	0.36	0	70.2	64.8	49.7
1-2 AM	417	0.0	3000	417	0	0.36	0	70.2	64.8	49.7
2-3 AM	383	0.0	3000	383	0	0.36	0	70.2	64.8	49.7
3-4 AM	370	0.0	3000	370	0	0.36	0	70.2	64.8	49.7
4-5 AM	460	0.0	3000	460	0	0.36	0	70.2	64.8	49.7
5-6 AM	818	0.0	3000	818	0	0.36	0	70.2	64.8	49.7
6-7 AM	1109	0.0	3000	1109	0	0.36	0	70.2	64.8	49.7
7-8 AM	1461	0.0	3000	1461	0	0.36	0	70.2	64.8	49.7
8-9 AM	1902	0.0	3000	1902	0	0.35	0	69.7	64.5	49.7
9-10 AM	2401	0.0	3000	2401	0	0.37	0	69.1	63.7	48.7
10-11 AM	2795	0.0	3000	2795	0	0.63	0	68.6	60.1	40.2
11AM-NOON	2898	0.0	3000	2898	0	0.70	0	68.4	59.2	38.4
NOON-1PM	2823	0.0	3000	2823	0	0.65	0	68.6	59.9	39.7
1-2 PM	2844	0.0	3000	2844	0	0.66	0	68.5	59.7	39.4
2-3 PM	2659	0.0	3000	2659	0	0.54	0	68.7	61.3	42.8
3-4 PM	2917	0.0	3000	2917	0	0.71	0	68.4	59.1	38.1
4-5 PM	2662	0.0	3000	2662	0	0.54	0	68.7	61.3	42.7
5-6 PM	2477	0.0	3000	2477	0	0.42	0	68.9	63.0	46.8
6-7 PM	2027	0.0	3000	2027	0	0.35	0	69.5	64.4	49.7
7-8 PM	1730	0.0	3000	1730	0	0.36	0	69.9	64.6	49.7
8-9 PM	1539	0.0	3000	1539	0	0.36	0	70.1	64.8	49.7
9-10 PM	1428	0.0	3000	1428	0	0.36	0	70.2	64.8	49.7
10-11 PM	1130	0.0	3000	1130	0	0.36	0	70.2	64.8	49.7
11PM-MID	802	0.0	3000	802	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

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$5,286
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

