

IH 94: STH 20 TO STH 50 (RACINE AND KENOSHA COUNTIES) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	504	0.0	3000	504	0	0.36	0	70.2	67.6	49.7
1-2 AM	317	0.0	3000	317	0	0.36	0	70.2	67.6	49.7
2-3 AM	290	0.0	3000	290	0	0.36	0	70.2	67.6	49.7
3-4 AM	240	0.0	3000	240	0	0.36	0	70.2	67.6	49.7
4-5 AM	223	0.0	3000	223	0	0.36	0	70.2	67.6	49.7
5-6 AM	322	0.0	3000	322	0	0.36	0	70.2	67.6	49.7
6-7 AM	517	0.0	3000	517	0	0.36	0	70.2	67.6	49.7
7-8 AM	781	0.0	3000	781	0	0.36	0	70.2	67.6	49.7
8-9 AM	1140	0.0	3000	1140	0	0.36	0	70.2	67.6	49.7
9-10 AM	1795	0.0	3000	1795	0	0.35	0	69.8	67.3	49.7
10-11 AM	2457	0.0	3000	2457	0	0.41	0	69.0	66.1	47.3
11AM-NOON	2902	0.0	2999	2902	0	0.70	0	68.4	63.8	38.4
NOON-1PM	3133	0.0	2999	3133	0	1.78	58	68.1	57.5	36.9
1-2 PM	3165	0.0	2999	3165	0	4.60	214	68.1	46.1	36.9
2-3 PM	3194	0.0	3000	3194	0	7.85	394	68.1	37.4	36.9
3-4 PM	3221	0.0	3000	3221	0	11.57	599	68.1	30.9	36.9
4-5 PM	3324	0.0	2999	3096	228	15.04+	788	67.9	26.5	36.9
5-6 PM	3226	0.0	3000	3000	226	15.27+	800	68.0	26.3	36.9
6-7 PM	2535	0.0	2999	2535	0	11.62+	610	68.9	31.0	37.3
7-8 PM	2152	0.0	3000	2152	0	1.55	77	69.4	59.6	47.9
8-9 PM	1859	0.0	3000	1859	0	0.35	0	69.7	67.2	49.7
9-10 PM	1417	0.0	3000	1417	0	0.36	0	70.2	67.6	49.7
10-11 PM	975	0.0	3000	975	0	0.36	0	70.2	67.6	49.7
11PM-MID	626	0.0	3000	626	0	0.36	0	70.2	67.6	49.7

+ 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

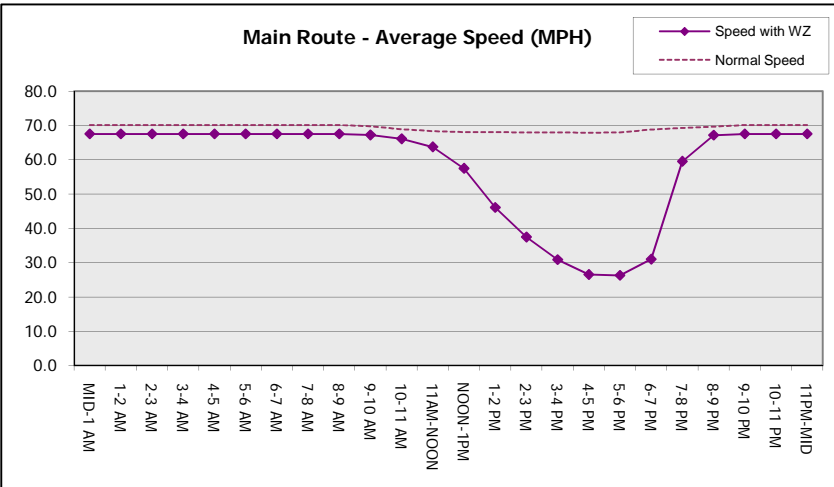
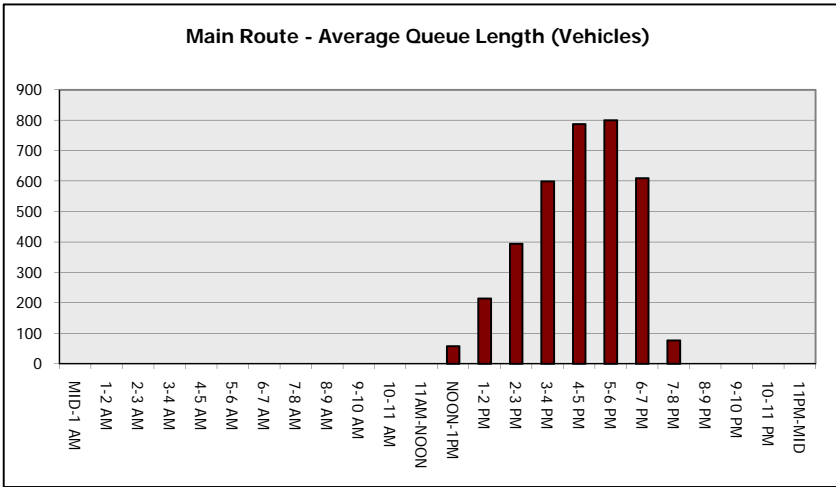
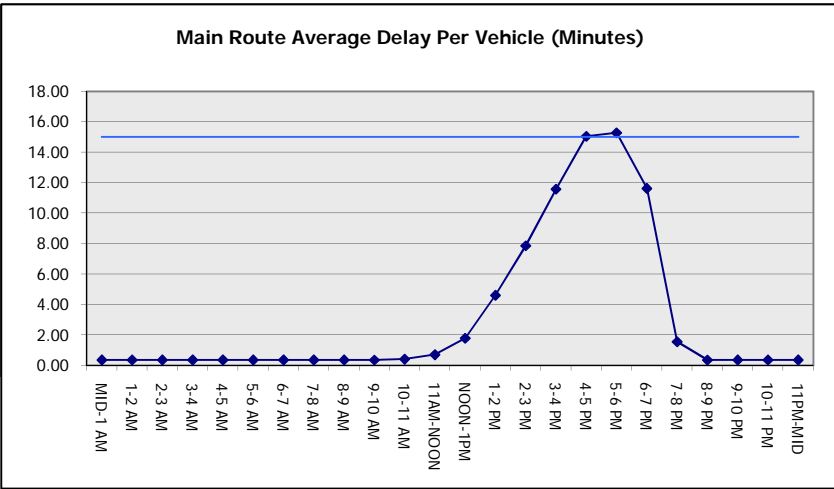
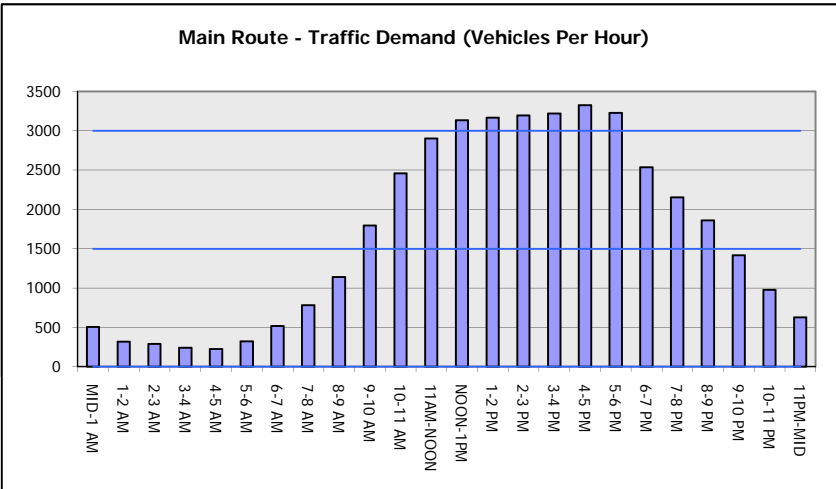
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0699
MAIN ROUTE WITH WORKS	0.0665
'DIVERSION'	0.0018
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$61,196
CONGESTED HOURS PER DAY*	3

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



IH 94: STH 20 TO STH 50 (RACINE AND KENOSHA COUNTIES) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	637	0.0	3000	637	0	0.36	0	70.2	67.6	49.7
1-2 AM	399	0.0	3000	399	0	0.36	0	70.2	67.6	49.7
2-3 AM	275	0.0	3000	275	0	0.36	0	70.2	67.6	49.7
3-4 AM	204	0.0	3000	204	0	0.36	0	70.2	67.6	49.7
4-5 AM	208	0.0	3000	208	0	0.36	0	70.2	67.6	49.7
5-6 AM	283	0.0	3000	283	0	0.36	0	70.2	67.6	49.7
6-7 AM	498	0.0	3000	498	0	0.36	0	70.2	67.6	49.7
7-8 AM	773	0.0	3000	773	0	0.36	0	70.2	67.6	49.7
8-9 AM	1212	0.0	3000	1212	0	0.36	0	70.2	67.6	49.7
9-10 AM	1649	0.0	3000	1649	0	0.36	0	70.0	67.4	49.7
10-11 AM	2266	0.0	3000	2266	0	0.35	0	69.2	66.8	49.7
11AM-NOON	2638	0.0	3000	2638	0	0.53	0	68.7	65.1	43.2
NOON-1PM	2684	0.0	3000	2684	0	0.56	0	68.7	64.9	42.3
1-2 PM	2607	0.0	3000	2607	0	0.51	0	68.8	65.3	43.8
2-3 PM	2554	0.0	3000	2554	0	0.47	0	68.9	65.6	45.0
3-4 PM	2628	0.0	3000	2628	0	0.52	0	68.7	65.2	43.4
4-5 PM	2697	0.0	3000	2697	0	0.56	0	68.7	64.8	42.0
5-6 PM	2598	0.0	3000	2598	0	0.50	0	68.8	65.4	44.0
6-7 PM	2461	0.0	3000	2461	0	0.41	0	69.0	66.1	47.1
7-8 PM	2308	0.0	3000	2308	0	0.35	0	69.2	66.7	49.7
8-9 PM	1857	0.0	3000	1857	0	0.35	0	69.7	67.2	49.7
9-10 PM	1528	0.0	3000	1528	0	0.36	0	70.1	67.6	49.7
10-11 PM	1101	0.0	3000	1101	0	0.36	0	70.2	67.6	49.7
11PM-MID	772	0.0	3000	772	0	0.36	0	70.2	67.6	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	0.0639
MAIN ROUTE WITH WORKS	0.0615
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,504
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

