

IH 94: STH 100/RYAN RD TO STH 20 (MILWAUKEE AND RACINE COUNTIES) CONTINUOUS (24 HOUR) 2 LANE 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	496	0.0	1500	496	0	0.43	0	70.2	66.9	46.9	
1-2 AM	366	0.0	1500	366	0	0.42	0	70.2	67.1	47.5	
2-3 AM	340	0.0	1500	340	0	0.41	0	70.2	67.1	47.6	
3-4 AM	394	0.0	1500	394	0	0.42	0	70.2	67.0	47.4	
4-5 AM	708	0.0	1500	708	0	0.46	0	70.2	66.8	46.0	
5-6 AM	1762	0.0	1499	1762	0	3.06	70	69.9	52.0	32.9	
6-7 AM	3092	0.0	1499	1500	1592	15.87+	399	68.2	24.9	36.7	
7-8 AM	3430	0.0	1500	1500	1930	15.81+	400	67.8	24.9	36.7	
8-9 AM	2618	0.0	1500	1543	1075	15.90+	395	68.8	25.0	34.3	
9-10 AM	2402	0.0	1499	1500	902	16.13+	399	69.1	24.8	33.3	
10-11 AM	2494	0.0	1500	1500	994	16.12+	400	68.9	24.8	33.3	
11AM-NOON	2506	0.0	1500	1500	1006	16.11+	400	68.9	24.8	33.3	
NOON-1PM	2490	0.0	1500	1500	990	16.12+	400	68.9	24.8	33.3	
1-2 PM	2615	0.0	1500	1500	1115	16.10+	400	68.8	24.8	33.3	
2-3 PM	2843	0.0	1499	1500	1343	16.06+	400	68.5	24.8	33.3	
3-4 PM	3114	0.0	1500	1500	1614	16.01+	400	68.2	24.8	33.3	
4-5 PM	3189	0.0	1500	1500	1689	16.00+	400	68.1	24.8	33.3	
5-6 PM	3017	0.0	1500	1500	1517	16.03+	400	68.3	24.8	33.3	
6-7 PM	2361	0.0	1500	1501	861	16.14+	399	69.1	24.8	33.3	
7-8 PM	1816	0.0	1500	1562	254	16.00+	393	69.8	25.0	32.4	
8-9 PM	1523	0.0	1500	1489	35	15.95+	390	70.2	25.1	32.5	
9-10 PM	1333	0.0	1499	1333	0	12.48	304	70.2	29.2	32.5	
10-11 PM	1106	0.0	1499	1106	0	2.62	66	70.2	54.2	40.4	
11PM-MID	739	0.0	1500	739	0	0.46	0	70.2	66.7	45.9	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(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	0
(VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

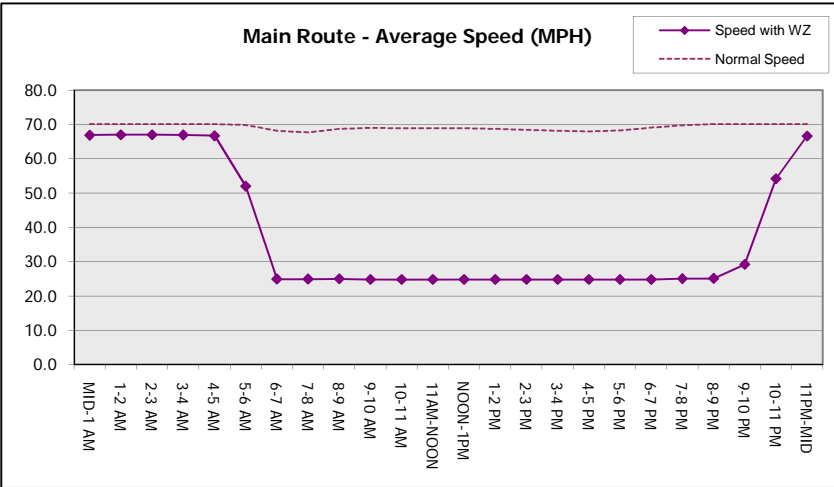
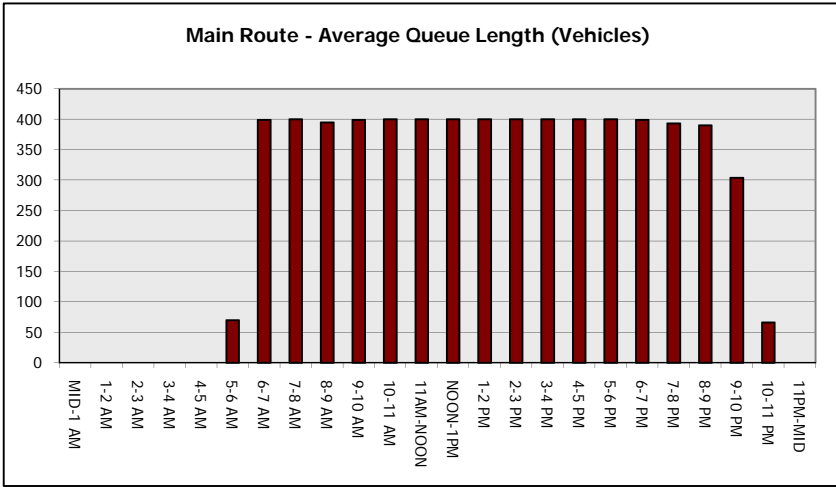
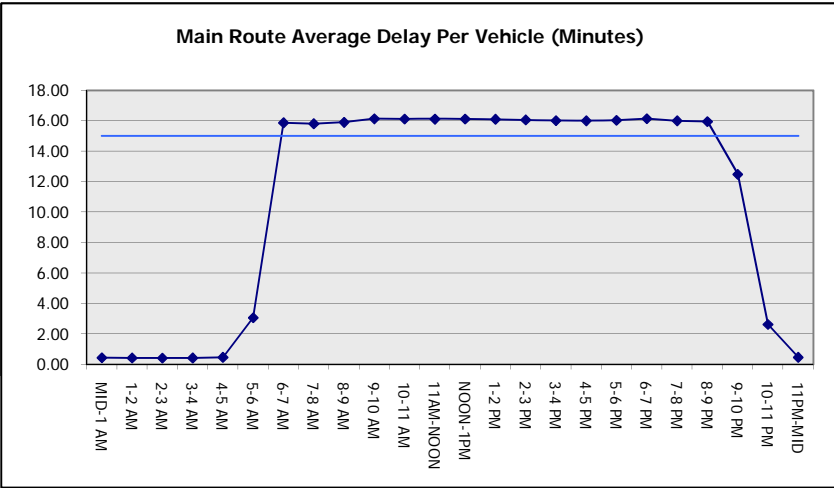
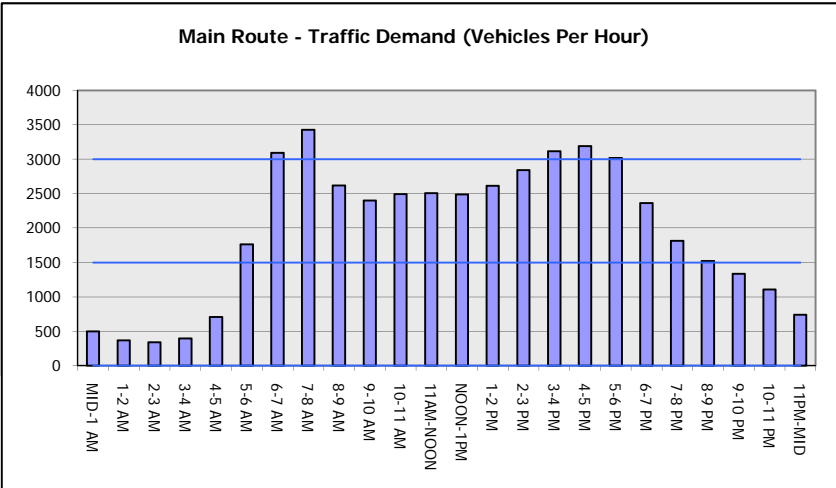
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0774
MAIN ROUTE WITH WORKS	0.0474
'DIVERSION'	0.0649
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$141,410
CONGESTED HOURS PER DAY*	15

*Delays Exceeding User-Specified Maximum

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



IH 94: STH 100/RYAN RD TO STH 20 (MILWAUKEE AND RACINE COUNTIES) CONTINUOUS (24 HOUR) 2 LANE 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	507	0.0	1500	507	0	0.43	0	70.2	66.9	46.9
1-2 AM	393	0.0	1500	393	0	0.42	0	70.2	67.0	47.4
2-3 AM	350	0.0	1500	350	0	0.41	0	70.2	67.1	47.6
3-4 AM	413	0.0	1500	413	0	0.42	0	70.2	67.0	47.3
4-5 AM	654	0.0	1500	654	0	0.45	0	70.2	66.8	46.3
5-6 AM	1281	0.0	1499	1281	0	0.74	0	70.2	64.8	38.6
6-7 AM	2322	0.0	1499	1814	508	10.50+	278	69.2	32.0	33.2
7-8 AM	2831	0.0	1500	1500	1331	16.03+	400	68.5	24.8	33.9
8-9 AM	2607	0.0	1500	1500	1107	16.07+	400	68.8	24.8	33.9
9-10 AM	2475	0.0	1500	1500	975	16.09+	400	69.0	24.8	33.9
10-11 AM	2427	0.0	1500	1500	927	16.10+	400	69.0	24.8	33.9
11AM-NOON	2544	0.0	1500	1500	1044	16.08+	400	68.9	24.8	33.9
NOON-1PM	2623	0.0	1500	1500	1123	16.06+	400	68.8	24.8	33.9
1-2 PM	2720	0.0	1500	1500	1220	16.05+	400	68.7	24.8	33.9
2-3 PM	3022	0.0	1500	1500	1522	16.00+	400	68.3	24.8	33.9
3-4 PM	3444	0.0	1500	1500	1944	15.93+	400	67.8	24.8	33.9
4-5 PM	3661	0.0	1499	1500	2161	15.84+	400	67.1	24.8	33.9
5-6 PM	3717	0.0	1500	1500	2217	15.79+	400	66.8	24.8	33.9
6-7 PM	2645	0.0	1500	1500	1145	16.06+	400	68.7	24.8	33.9
7-8 PM	1862	0.0	1500	1568	295	15.97+	392	69.7	25.0	32.4
8-9 PM	1570	0.0	1500	1513	57	16.10+	394	70.1	25.0	32.5
9-10 PM	1433	0.0	1499	1433	0	15.30+	374	70.2	25.8	32.5
10-11 PM	1157	0.0	1499	1157	0	6.60	175	70.2	40.2	36.3
11PM-MID	820	0.0	1500	820	0	0.47	0	70.2	66.6	45.5

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0786
MAIN ROUTE WITH WORKS	0.0475
'DIVERSION'	0.0674

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$143,002
CONGESTED HOURS PER DAY*	16

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

