

<b>IH 94: STH 100/RYAN RD TO STH 20 (MILWAUKEE AND RACINE COUNTIES)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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	737	0.0	3000	737	0	0.36	0	70.2	67.4	49.7
1-2 AM	593	0.0	3000	593	0	0.36	0	70.2	67.4	49.7
2-3 AM	455	0.0	3000	455	0	0.36	0	70.2	67.4	49.7
3-4 AM	495	0.0	3000	495	0	0.36	0	70.2	67.4	49.7
4-5 AM	767	0.0	3000	767	0	0.36	0	70.2	67.4	49.7
5-6 AM	1826	0.0	OFF	1826	0	0.00	0	69.7	69.7	69.7
6-7 AM	2960	0.0	OFF	2960	0	0.00	0	68.4	68.4	68.4
7-8 AM	3389	0.0	OFF	3389	0	0.00	0	67.8	67.8	67.8
8-9 AM	2850	0.0	OFF	2850	0	0.00	0	68.5	68.5	68.5
9-10 AM	2913	0.0	OFF	2913	0	0.00	0	68.4	68.4	68.4
10-11 AM	3241	0.0	OFF	3241	0	0.00	0	68.0	68.0	68.0
11AM-NOON	3440	0.0	OFF	3440	0	0.00	0	67.8	67.8	67.8
NOON-1PM	3535	0.0	OFF	3535	0	0.00	0	67.6	67.6	67.6
1-2 PM	3869	0.0	OFF	3869	0	0.00	0	65.7	65.7	65.7
2-3 PM	4054	0.0	OFF	4054	0	0.00	0	64.5	64.5	64.5
3-4 PM	4108	0.0	OFF	4108	0	0.00	0	64.1	64.1	64.1
4-5 PM	4004	0.0	OFF	4004	0	0.00	0	64.8	64.8	64.8
5-6 PM	3924	0.0	OFF	3924	0	0.00	0	65.3	65.3	65.3
6-7 PM	3619	0.0	OFF	3619	0	0.00	0	67.4	67.4	67.4
7-8 PM	3286	0.0	2999	3286	0	3.77	174	67.9	48.2	36.9
8-9 PM	2625	0.0	2999	2625	0	2.93	142	68.7	52.0	40.7
9-10 PM	2126	0.0	3000	2126	0	0.35	0	69.4	66.8	49.7
10-11 PM	1634	0.0	3000	1634	0	0.36	0	70.0	67.3	49.7
11PM-MID	1161	0.0	3000	1161	0	0.36	0	70.2	67.4	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

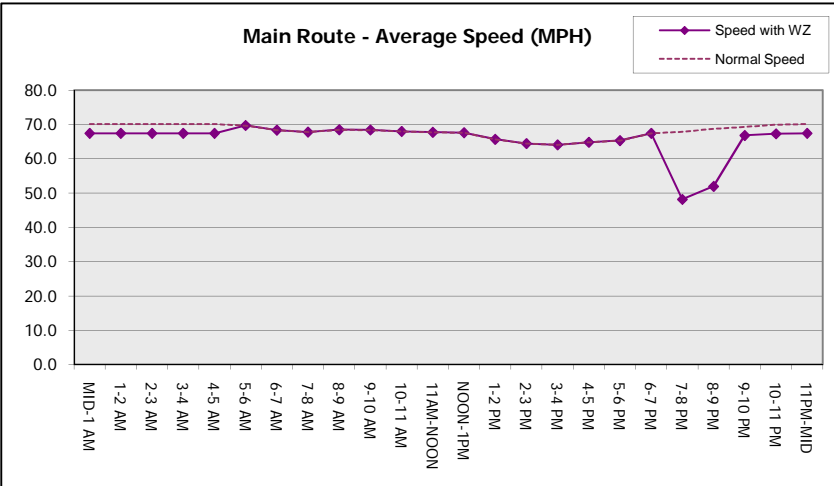
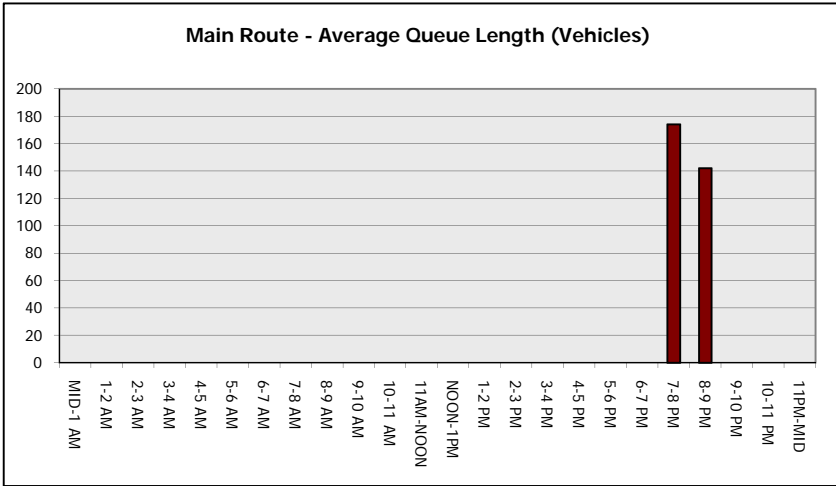
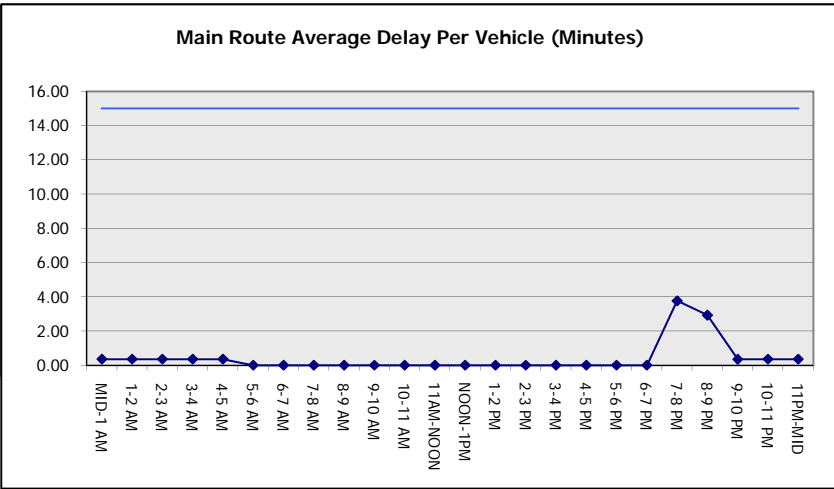
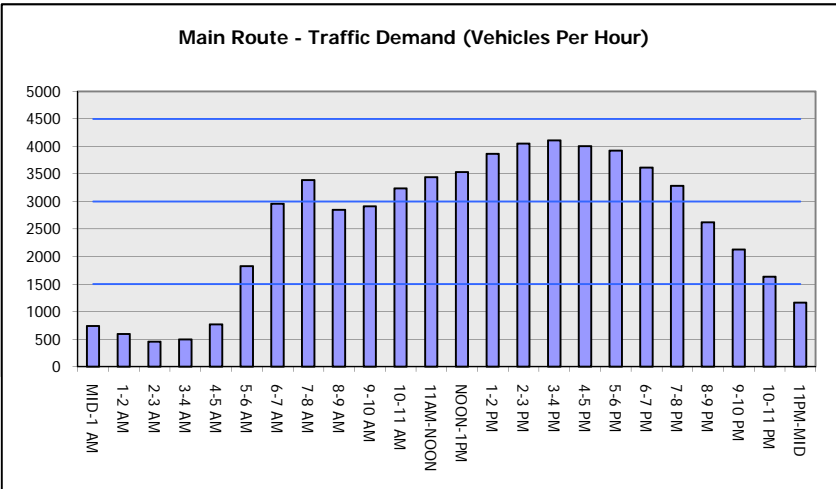
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.1020
MAIN ROUTE WITH WORKS	0.1011
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$5,162
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**IH 94: STH 100/RYAN RD TO STH 20 (MILWAUKEE AND RACINE COUNTIES)**  
**NIGHTTIME CLOSURE**  
**NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY WESTBOUND DIRECTION**



<b>IH 94: STH 100/RYAN RD TO STH 20 (MILWAUKEE AND RACINE COUNTIES)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**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	691	0.0	3000	691	0	0.36	0	70.2	67.4	49.7
1-2 AM	512	0.0	3000	512	0	0.36	0	70.2	67.4	49.7
2-3 AM	461	0.0	3000	461	0	0.36	0	70.2	67.4	49.7
3-4 AM	509	0.0	3000	509	0	0.36	0	70.2	67.4	49.7
4-5 AM	751	0.0	3000	751	0	0.36	0	70.2	67.4	49.7
5-6 AM	1286	0.0	OFF	1286	0	0.00	0	70.2	70.2	70.2
6-7 AM	2076	0.0	OFF	2076	0	0.00	0	69.4	69.4	69.4
7-8 AM	2678	0.0	OFF	2678	0	0.00	0	68.7	68.7	68.7
8-9 AM	2617	0.0	OFF	2617	0	0.00	0	68.8	68.8	68.8
9-10 AM	2829	0.0	OFF	2829	0	0.00	0	68.5	68.5	68.5
10-11 AM	2998	0.0	OFF	2998	0	0.00	0	68.3	68.3	68.3
11AM-NOON	3025	0.0	OFF	3025	0	0.00	0	68.2	68.2	68.2
NOON-1PM	3276	0.0	OFF	3276	0	0.00	0	67.9	67.9	67.9
1-2 PM	3353	0.0	OFF	3353	0	0.00	0	67.9	67.9	67.9
2-3 PM	3578	0.0	OFF	3578	0	0.00	0	67.6	67.6	67.6
3-4 PM	3849	0.0	OFF	3849	0	0.00	0	65.9	65.9	65.9
4-5 PM	3896	0.0	OFF	3896	0	0.00	0	65.5	65.5	65.5
5-6 PM	3839	0.0	OFF	3839	0	0.00	0	66.0	66.0	66.0
6-7 PM	3136	0.0	OFF	3136	0	0.00	0	68.1	68.1	68.1
7-8 PM	2417	0.0	3000	2417	0	0.38	0	69.1	66.3	48.3
8-9 PM	1904	0.0	3000	1904	0	0.35	0	69.7	67.0	49.7
9-10 PM	1773	0.0	3000	1773	0	0.35	0	69.9	67.2	49.7
10-11 PM	1744	0.0	3000	1744	0	0.36	0	69.9	67.2	49.7
11PM-MID	1292	0.0	3000	1292	0	0.36	0	70.2	67.4	49.7

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- 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	0.0902
MAIN ROUTE WITH WORKS	0.0894
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$980
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY EASTBOUND DIRECTION**

