

<b>IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: STH 67 - USH 18 - CTH C</b>	<b>AUGUST</b>
	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		ALTERNATE ROUTE		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	481	0.0	54	0.0	OFF	481	0	54	0.00	0	65.5	65.5	65.5	29.3	29.3
1-2 AM	273	0.0	30	0.0	OFF	273	0	30	0.00	0	65.9	65.9	65.9	29.5	29.5
2-3 AM	215	0.0	24	0.0	OFF	215	0	24	0.00	0	66.0	66.0	66.0	29.6	29.6
3-4 AM	181	0.0	20	0.0	OFF	181	0	20	0.00	0	66.1	66.1	66.1	29.6	29.6
4-5 AM	241	0.0	27	0.0	OFF	241	0	27	0.00	0	66.0	66.0	66.0	29.6	29.6
5-6 AM	465	0.0	52	0.0	OFF	465	0	52	0.00	0	65.5	65.5	65.5	29.3	29.3
6-7 AM	935	0.0	106	0.0	OFF	935	0	106	0.00	0	64.6	64.6	64.6	28.8	28.8
7-8 AM	1499	0.0	170	0.0	OFF	1499	0	170	0.00	0	63.6	63.6	63.6	28.2	28.2
8-9 AM	2093	0.0	237	0.0	1499	2061	32	268	8.60	260	62.5	18.1	30.8	27.6	27.3
9-10 AM	2467	0.0	278	0.0	1499	1682	786	1064	25.47	665	61.2	8.8	30.8	27.1	20.6
10-11 AM	2635	0.0	297	0.0	1499	1585	1049	1347+	30.02	790	59.5	8.2	30.8	27.0	18.2
11A-NOON	2614	0.0	295	0.0	1499	1498	1116	1411+	31.32	825	59.7	8.1	30.8	27.0	17.7
NOON-1PM	2693	0.0	303	0.0	1499	1538	1156	1459+	32.34	854	58.9	7.9	30.8	27.0	17.3
1-2 PM	2449	0.0	276	0.0	1499	1373	1076	1352+	30.30	794	61.4	8.2	30.8	27.2	18.1
2-3 PM	2451	0.0	276	0.0	1499	1495	956	1232+	28.07	733	61.4	8.4	30.8	27.2	19.1
3-4 PM	2461	0.0	277	0.0	1500	1500	961	1239+	28.18	736	61.3	8.4	30.8	27.2	19.1
4-5 PM	2316	0.0	261	0.0	1499	1426	890	1151	26.80	698	62.1	8.6	30.8	27.3	19.8
5-6 PM	2031	0.0	229	0.0	1499	1387	644	874	23.03	595	62.6	9.3	30.8	27.6	22.1
6-7 PM	1739	0.0	196	0.0	OFF	1739	0	196	1.04	65	63.2	48.4	48.4	27.9	27.9
7-8 PM	1474	0.0	166	0.0	OFF	1474	0	166	0.00	0	63.7	63.7	63.7	28.3	28.3
8-9 PM	1326	0.0	150	0.0	OFF	1326	0	150	0.00	0	63.9	63.9	63.9	28.4	28.4
9-10 PM	1262	0.0	142	0.0	OFF	1262	0	142	0.00	0	64.0	64.0	64.0	28.4	28.4
10-11 PM	1186	0.0	134	0.0	OFF	1186	0	134	0.00	0	64.1	64.1	64.1	28.6	28.6
11PM-MID	904	0.0	102	0.0	OFF	904	0	102	0.00	0	64.7	64.7	64.7	28.8	28.8

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

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0208
MAIN ROUTE WITH WORKS	0.0148
DIVERSION	0.1410

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$200,324
CONGESTED HOURS PER DAY*	9

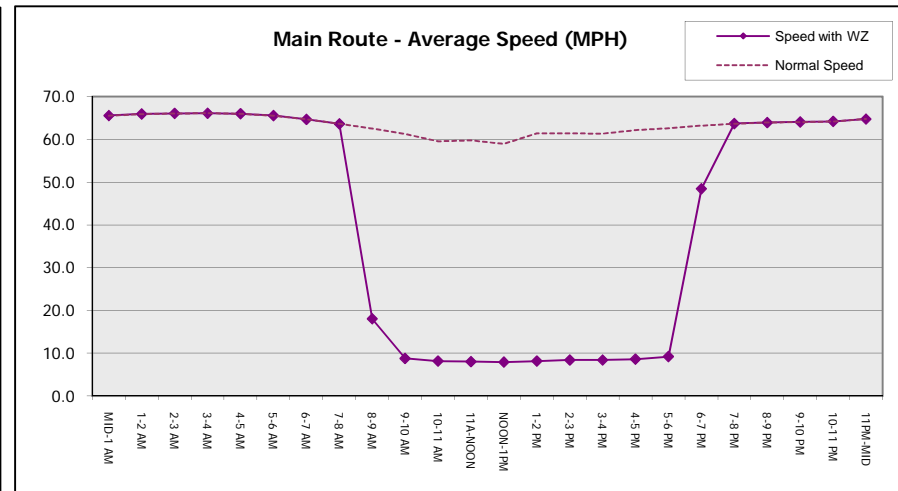
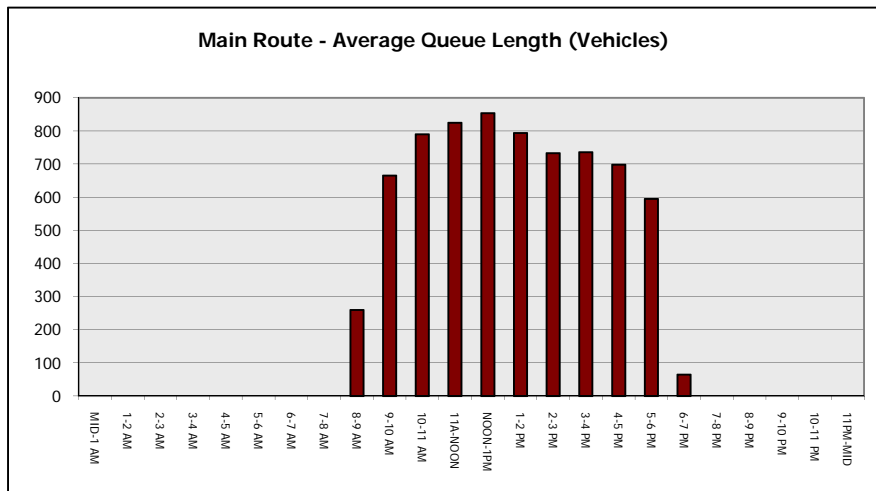
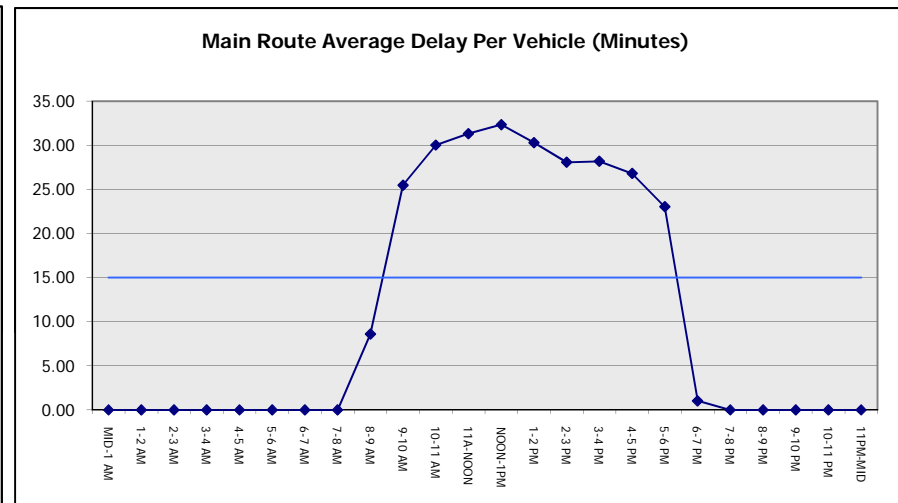
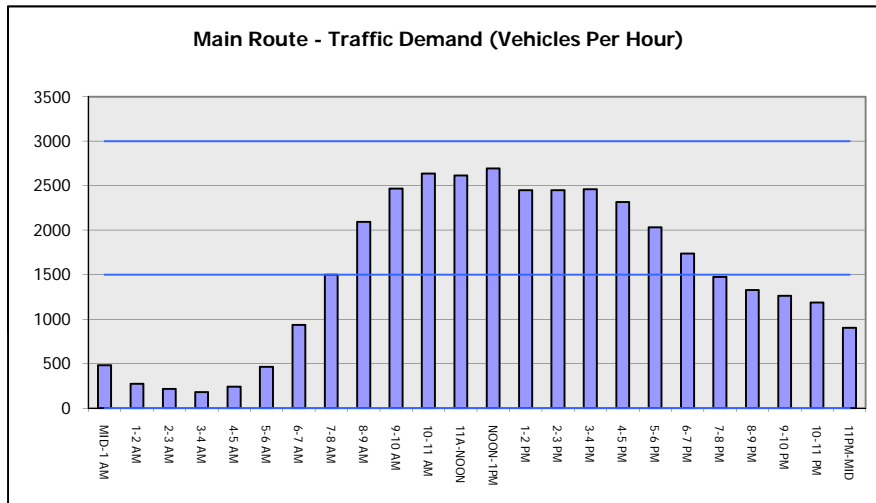
\*Delays Exceeding 15 Minutes

**IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)**  
**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 67 - USH 18 - CTH C**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SATURDAY WESTBOUND DIRECTION**



<b>IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: STH 67 - USH 18 - CTH C</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
SATURDAY	EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			AVERAGE SPEEDS IN MPH				
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	497	0.0	57	0.0	OFF	497	0	57	0.00	0	65.5	65.5	65.5	29.2	29.2
1-2 AM	273	0.0	30	0.0	OFF	273	0	30	0.00	0	65.9	65.9	65.9	29.5	29.5
2-3 AM	177	0.0	20	0.0	OFF	177	0	20	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	167	0.0	19	0.0	OFF	167	0	19	0.00	0	66.1	66.1	66.1	29.6	29.6
4-5 AM	234	0.0	26	0.0	OFF	234	0	26	0.00	0	66.0	66.0	66.0	29.6	29.6
5-6 AM	392	0.0	44	0.0	OFF	392	0	44	0.00	0	65.6	65.6	65.6	29.4	29.4
6-7 AM	543	0.0	61	0.0	OFF	543	0	61	0.00	0	65.4	65.4	65.4	29.2	29.2
7-8 AM	868	0.0	98	0.0	OFF	868	0	98	0.00	0	64.8	64.8	64.8	28.9	28.9
8-9 AM	1246	0.0	140	0.0	1499	1246	0	140	0.69	0	64.1	53.2	37.3	28.5	28.5
9-10 AM	1781	0.0	201	0.0	1499	1781	0	201	4.30	111	63.1	27.9	30.8	27.9	27.9
10-11 AM	2176	0.0	245	0.0	1500	1834	343	588	19.09	501	62.3	10.2	30.8	27.5	24.6
11A-NOON	2253	0.0	254	0.0	1499	1535	718	972	24.23	628	62.2	9.0	30.8	27.4	21.3
NOON-1PM	2492	0.0	282	0.0	1500	1603	889	1171	27.04	707	61.0	8.6	30.8	27.1	19.6
1-2 PM	2535	0.0	286	0.0	1500	1521	1015	1301+	29.22	766	60.5	8.3	30.8	27.1	18.6
2-3 PM	2460	0.0	277	0.0	1500	1443	1017	1294+	29.17	763	61.3	8.3	30.8	27.2	18.6
3-4 PM	1789	0.0	202	0.0	1499	1287	502	704	21.19	547	63.0	9.6	30.8	27.9	23.6
4-5 PM	2969	0.0	335	0.0	1500	1990	978	1313+	29.44	791	56.1	8.3	30.8	26.6	18.5
5-6 PM	2442	0.0	275	0.0	1499	1238	1204	1479+	33.18	873	61.5	7.9	30.8	27.2	17.1
6-7 PM	1963	0.0	221	0.0	OFF	1963	0	221	2.20	131	62.7	38.3	38.3	27.7	27.7
7-8 PM	1599	0.0	180	0.0	OFF	1599	0	180	0.00	0	63.4	63.4	63.4	28.1	28.1
8-9 PM	1502	0.0	170	0.0	OFF	1502	0	170	0.00	0	63.6	63.6	63.6	28.2	28.2
9-10 PM	1352	0.0	153	0.0	OFF	1352	0	153	0.00	0	63.8	63.8	63.8	28.4	28.4
10-11 PM	1130	0.0	128	0.0	OFF	1130	0	128	0.00	0	64.3	64.3	64.3	28.6	28.6
11PM-MID	886	0.0	100	0.0	OFF	886	0	100	0.00	0	64.7	64.7	64.7	28.9	28.9

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

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0193
MAIN ROUTE WITH WORKS	0.0145
DIVERSION	0.1156

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$162,410
CONGESTED HOURS PER DAY*	8

\*Delays Exceeding 15 Minutes

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**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 67 - USH 18 - CTH C**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

