

<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**

**FRIDAY 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	370	0.0	42	0.0	OFF	370	0	42	0.00	0	65.7	65.7	65.7	29.4	29.4
1-2 AM	231	0.0	26	0.0	OFF	231	0	26	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	187	0.0	21	0.0	OFF	187	0	21	0.00	0	66.0	66.0	66.0	29.6	29.6
3-4 AM	202	0.0	23	0.0	OFF	202	0	23	0.00	0	66.0	66.0	66.0	29.6	29.6
4-5 AM	293	0.0	33	0.0	OFF	293	0	33	0.00	0	65.8	65.8	65.8	29.5	29.5
5-6 AM	683	0.0	77	0.0	OFF	683	0	77	0.00	0	65.1	65.1	65.1	29.1	29.1
6-7 AM	1473	0.0	166	0.0	OFF	1473	0	166	0.00	0	63.7	63.7	63.7	28.3	28.3
7-8 AM	2005	0.0	226	0.0	OFF	2005	0	226	0.00	0	62.7	62.7	62.7	27.6	27.6
8-9 AM	2220	0.0	250	0.0	OFF	2220	0	250	0.00	0	62.2	62.2	62.2	27.4	27.4
9-10 AM	2158	0.0	243	0.0	1499	2061	96	339	10.40	306	62.3	15.8	30.8	27.5	26.7
10-11 AM	2479	0.0	279	0.0	1499	1681	798	1077	25.65	670	61.1	8.8	30.8	27.1	20.4
11A-NOON	2541	0.0	287	0.0	1499	1543	998	1284+	28.93	758	60.5	8.3	30.8	27.1	18.7
NOON-1PM	2794	0.0	315	0.0	1499	1641	1152	1467+	32.47	861	57.9	7.9	30.8	26.8	17.2
1-2 PM	2801	0.0	316	0.0	1499	1540	1261	1577+	35.25	936	57.8	7.7	30.8	26.8	16.3
2-3 PM	3208	0.0	362	0.0	1499	1555	1653	2015+	38.79	1045	53.7	7.4	30.8	26.4	15.2
3-4 PM	3675	0.0	414	0.0	1499	1500	2175	2589+	38.68	1058	48.9	7.4	30.8	25.9	15.0
4-5 PM	3458	0.0	390	0.0	OFF	3458	0	390	11.79	751	51.0	13.5	13.5	26.1	26.1
5-6 PM	3330	0.0	376	0.0	OFF	3330	0	376	3.02	172	52.4	30.2	30.2	26.3	26.3
6-7 PM	3142	0.0	355	0.0	OFF	3142	0	355	0.00	0	54.3	54.3	54.3	26.5	26.5
7-8 PM	2121	0.0	240	0.0	OFF	2121	0	240	0.00	0	62.4	62.4	62.4	27.5	27.5
8-9 PM	1574	0.0	178	0.0	OFF	1574	0	178	0.00	0	63.5	63.5	63.5	28.1	28.1
9-10 PM	1310	0.0	148	0.0	OFF	1310	0	148	0.00	0	64.0	64.0	64.0	28.4	28.4
10-11 PM	1074	0.0	121	0.0	OFF	1074	0	121	0.00	0	64.4	64.4	64.4	28.6	28.6
11PM-MID	884	0.0	99	0.0	OFF	884	0	99	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	0.0253
MAIN ROUTE WITH WORKS	0.0199
DIVERSION	0.1449

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$159,465
CONGESTED HOURS PER DAY*	6

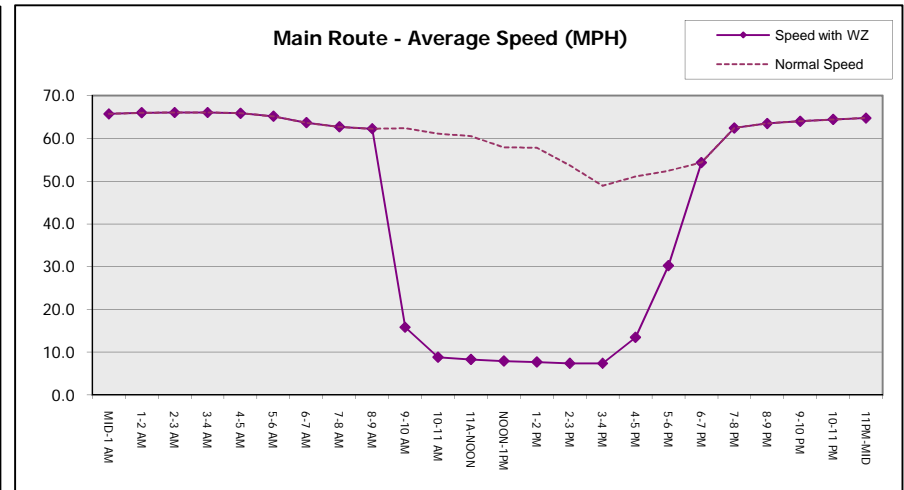
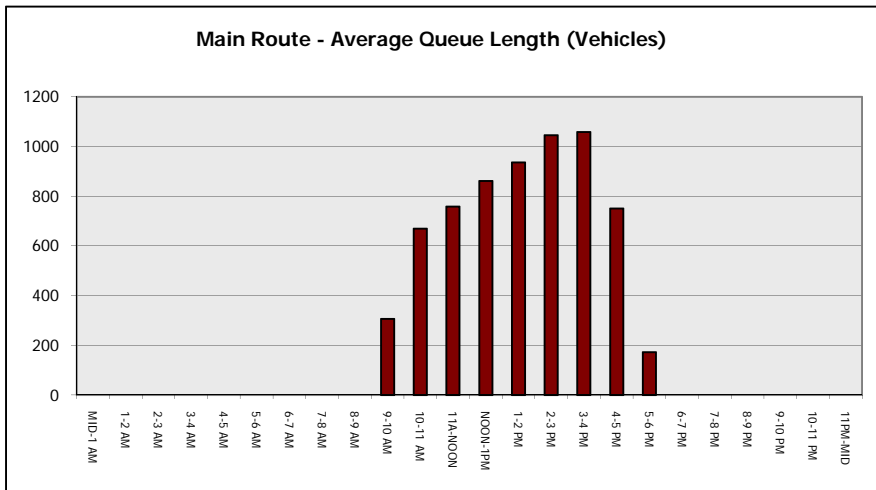
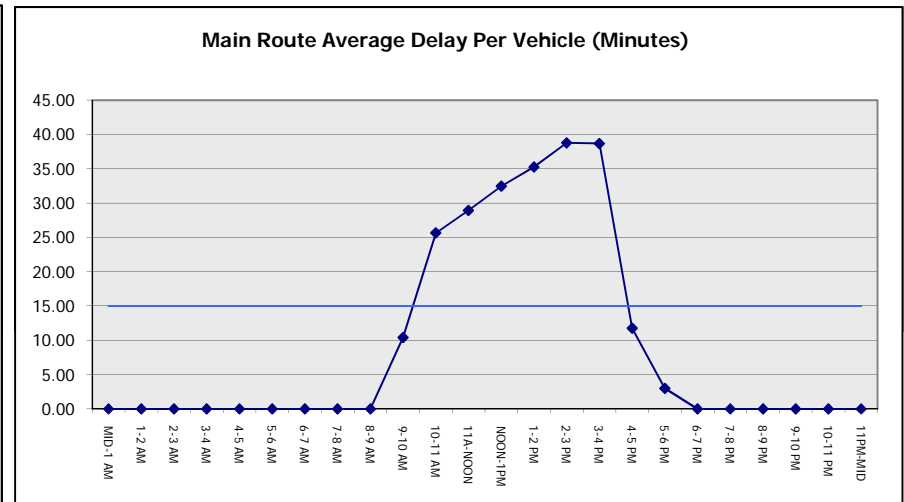
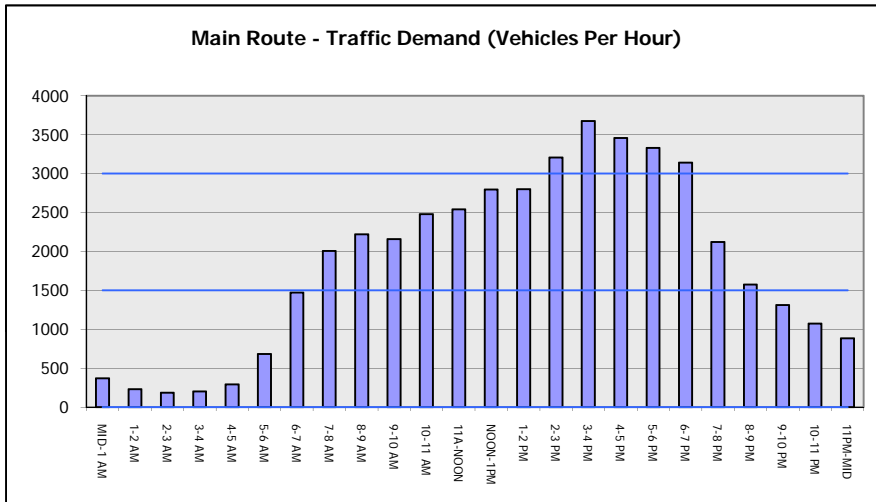
\*Delays Exceeding 15 Minutes

**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**

**FRIDAY 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>	
FRIDAY	EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							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	308	0.0	35	0.0	OFF	308	0	35	0.00	0	65.8	65.8	65.8	29.5	29.5
1-2 AM	198	0.0	22	0.0	OFF	198	0	22	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	174	0.0	20	0.0	OFF	174	0	20	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	198	0.0	22	0.0	OFF	198	0	22	0.00	0	66.0	66.0	66.0	29.6	29.6
4-5 AM	382	0.0	43	0.0	OFF	382	0	43	0.00	0	65.7	65.7	65.7	29.4	29.4
5-6 AM	1013	0.0	114	0.0	OFF	1013	0	114	0.00	0	64.5	64.5	64.5	28.8	28.8
6-7 AM	2056	0.0	232	0.0	OFF	2056	0	232	0.00	0	62.5	62.5	62.5	27.6	27.6
7-8 AM	2969	0.0	335	0.0	OFF	2969	0	335	0.00	0	56.1	56.1	56.1	26.6	26.6
8-9 AM	2444	0.0	275	0.0	OFF	2444	0	275	0.00	0	61.5	61.5	61.5	27.2	27.2
9-10 AM	2095	0.0	237	0.0	1499	2029	66	303	10.29	297	62.5	15.9	30.8	27.6	27.0
10-11 AM	2141	0.0	242	0.0	1499	1569	572	814	22.30	576	62.4	9.4	30.8	27.5	22.7
11A-NOON	2162	0.0	244	0.0	1499	1510	652	896	23.26	602	62.3	9.2	30.8	27.5	21.9
NOON-1PM	2215	0.0	250	0.0	1500	1523	692	942	23.84	617	62.3	9.1	30.8	27.4	21.5
1-2 PM	2336	0.0	264	0.0	1500	1552	784	1048	25.25	656	62.0	8.9	30.8	27.3	20.7
2-3 PM	2480	0.0	279	0.0	1500	1566	914	1193	27.41	716	61.1	8.5	30.8	27.1	19.4
3-4 PM	2577	0.0	291	0.0	1499	1552	1025	1316+	29.49	774	60.1	8.3	30.8	27.1	18.4
4-5 PM	2645	0.0	298	0.0	OFF	2645	0	298	4.13	236	59.4	27.8	27.8	27.0	27.0
5-6 PM	2627	0.0	296	0.0	OFF	2627	0	296	0.00	0	59.6	59.6	59.6	27.0	27.0
6-7 PM	2104	0.0	238	0.0	OFF	2104	0	238	0.00	0	62.5	62.5	62.5	27.6	27.6
7-8 PM	1660	0.0	187	0.0	OFF	1660	0	187	0.00	0	63.3	63.3	63.3	28.0	28.0
8-9 PM	1428	0.0	161	0.0	OFF	1428	0	161	0.00	0	63.7	63.7	63.7	28.3	28.3
9-10 PM	1382	0.0	156	0.0	OFF	1382	0	156	0.00	0	63.8	63.8	63.8	28.3	28.3
10-11 PM	987	0.0	111	0.0	OFF	987	0	111	0.00	0	64.5	64.5	64.5	28.8	28.8
11PM-MID	723	0.0	82	0.0	OFF	723	0	82	0.00	0	65.0	65.0	65.0	29.1	29.1

"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	0.0225
MAIN ROUTE WITH WORKS	0.0191
DIVERSION	0.1009

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$92,432
CONGESTED HOURS PER DAY*	6

\*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**  
**FRIDAY EASTBOUND DIRECTION**

