

<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>OCTOBER</b>
	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		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	358	0.0	41	0.0	OFF	358	0	41	0.00	0	65.7	65.7	65.7	29.4	29.4
1-2 AM	189	0.0	21	0.0	OFF	189	0	21	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	146	0.0	17	0.0	OFF	146	0	17	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	86	0.0	9	0.0	OFF	86	0	9	0.00	0	66.2	66.2	66.2	29.7	29.7
4-5 AM	111	0.0	13	0.0	OFF	111	0	13	0.00	0	66.2	66.2	66.2	29.7	29.7
5-6 AM	203	0.0	23	0.0	OFF	203	0	23	0.00	0	66.0	66.0	66.0	29.6	29.6
6-7 AM	403	0.0	45	0.0	OFF	403	0	45	0.00	0	65.6	65.6	65.6	29.4	29.4
7-8 AM	647	0.0	73	0.0	OFF	647	0	73	0.00	0	65.2	65.2	65.2	29.1	29.1
8-9 AM	984	0.0	111	0.0	OFF	984	0	111	0.00	0	64.5	64.5	64.5	28.8	28.8
9-10 AM	1284	0.0	144	0.0	1499	1284	0	144	0.74	0	64.0	52.5	36.1	28.4	28.4
10-11 AM	1740	0.0	197	0.0	1499	1740	0	197	3.87	94	63.2	29.6	30.8	27.9	27.9
11A-NOON	2089	0.0	235	0.0	1500	1840	248	484	17.61	464	62.5	10.7	30.8	27.6	25.5
NOON-1PM	2080	0.0	234	0.0	1499	1499	582	816	22.32	576	62.5	9.4	30.8	27.6	22.6
1-2 PM	2185	0.0	246	0.0	1500	1527	658	904	23.36	604	62.3	9.2	30.8	27.4	21.9
2-3 PM	1857	0.0	209	0.0	1499	1403	454	664	20.72	532	62.9	9.7	30.8	27.8	23.9
3-4 PM	2216	0.0	250	0.0	1500	1622	595	845	22.66	586	62.3	9.3	30.8	27.4	22.4
4-5 PM	2131	0.0	241	0.0	1499	1451	680	921	23.58	610	62.4	9.1	30.8	27.5	21.7
5-6 PM	1769	0.0	200	0.0	1499	1383	387	586	19.99	513	63.1	9.9	30.8	27.9	24.6
6-7 PM	1419	0.0	160	0.0	1500	1375	43	203	16.14	409	63.7	11.1	30.8	28.3	27.9
7-8 PM	1091	0.0	123	0.0	OFF	1091	0	123	0.33	19	64.3	58.6	58.6	28.6	28.6
8-9 PM	735	0.0	83	0.0	OFF	735	0	83	0.00	0	65.0	65.0	65.0	29.0	29.0
9-10 PM	663	0.0	74	0.0	OFF	663	0	74	0.00	0	65.1	65.1	65.1	29.1	29.1
10-11 PM	480	0.0	54	0.0	OFF	480	0	54	0.00	0	65.5	65.5	65.5	29.3	29.3
11PM-MID	328	0.0	37	0.0	OFF	328	0	37	0.00	0	65.8	65.8	65.8	29.4	29.4

"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
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	0.0144
MAIN ROUTE WITH WORKS	0.0113
DIVERSION	0.0717

PIA: Personal Injury Accidents

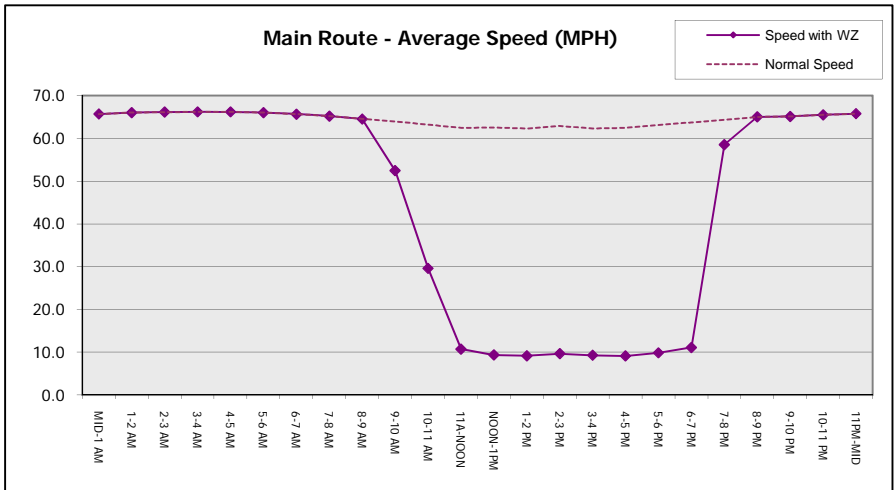
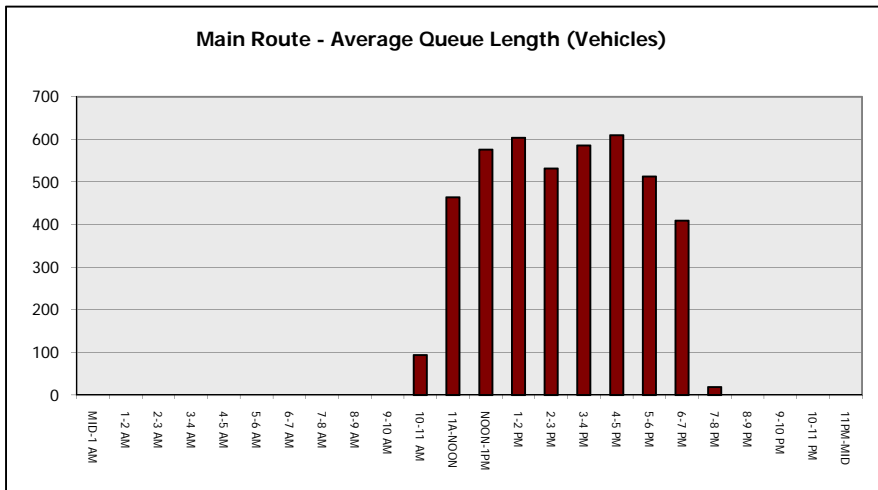
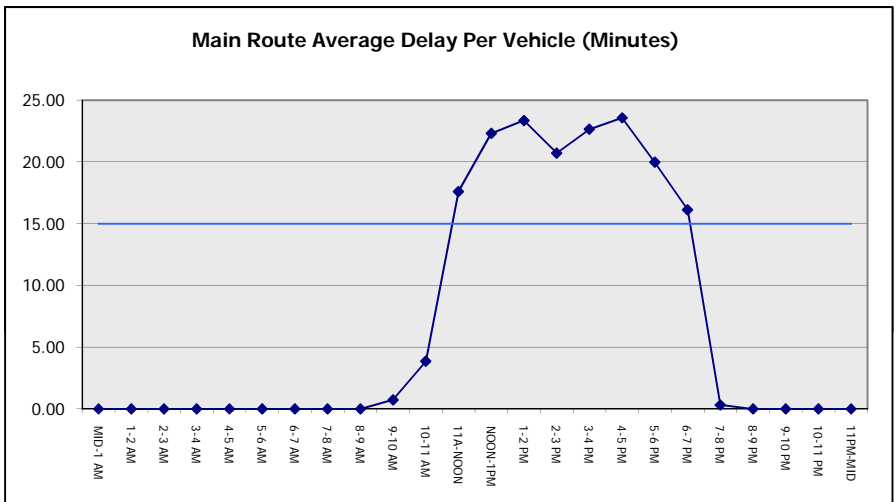
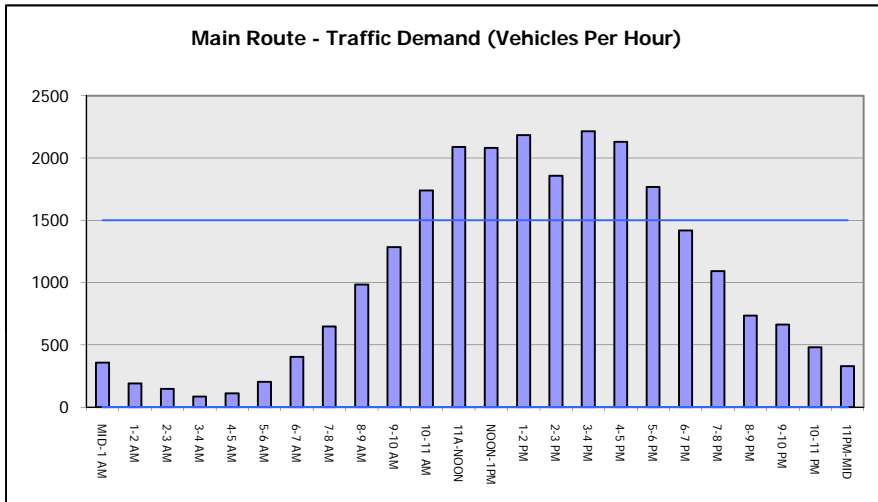
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$104,329
CONGESTED HOURS PER DAY*	8

\*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**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY 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>OCTOBER</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	335	0.0	38	0.0	OFF	335	0	38	0.00	0	65.8	65.8	65.8	29.4	29.4
1-2 AM	207	0.0	23	0.0	OFF	207	0	23	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	144	0.0	17	0.0	OFF	144	0	17	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	117	0.0	14	0.0	OFF	117	0	14	0.00	0	66.1	66.1	66.1	29.7	29.7
4-5 AM	166	0.0	19	0.0	OFF	166	0	19	0.00	0	66.1	66.1	66.1	29.6	29.6
5-6 AM	202	0.0	23	0.0	OFF	202	0	23	0.00	0	66.0	66.0	66.0	29.6	29.6
6-7 AM	331	0.0	38	0.0	OFF	331	0	38	0.00	0	65.8	65.8	65.8	29.4	29.4
7-8 AM	466	0.0	52	0.0	OFF	466	0	52	0.00	0	65.5	65.5	65.5	29.3	29.3
8-9 AM	883	0.0	99	0.0	OFF	883	0	99	0.00	0	64.8	64.8	64.8	28.9	28.9
9-10 AM	1300	0.0	146	0.0	1499	1300	0	146	0.76	0	64.0	52.2	35.8	28.4	28.4
10-11 AM	1808	0.0	204	0.0	1499	1808	0	204	4.65	123	63.0	26.7	30.8	27.9	27.9
11A-NOON	2263	0.0	255	0.0	1499	1836	428	683	20.40	534	62.2	9.9	30.8	27.4	23.8
NOON-1PM	2210	0.0	249	0.0	1499	1478	732	981	24.35	631	62.3	9.0	30.8	27.4	21.2
1-2 PM	2188	0.0	247	0.0	1500	1496	692	939	23.80	616	62.3	9.1	30.8	27.4	21.5
2-3 PM	2285	0.0	257	0.0	1500	1548	737	995	24.52	636	62.1	8.9	30.8	27.4	21.1
3-4 PM	2615	0.0	295	0.0	1500	1658	957	1252+	28.32	745	59.7	8.4	30.8	27.0	19.0
4-5 PM	2900	0.0	326	0.0	1500	1670	1229	1556+	34.59	922	56.8	7.8	30.8	26.7	16.5
5-6 PM	2653	0.0	299	0.0	1500	1366	1287	1586+	35.71	945	59.3	7.7	30.8	27.0	16.1
6-7 PM	2032	0.0	229	0.0	1500	1175	857	1086	25.99	680	62.6	8.8	30.8	27.6	20.4
7-8 PM	1558	0.0	176	0.0	OFF	1558	0	176	0.93	58	63.5	49.8	49.8	28.1	28.1
8-9 PM	1226	0.0	138	0.0	OFF	1226	0	138	0.00	0	64.1	64.1	64.1	28.5	28.5
9-10 PM	841	0.0	95	0.0	OFF	841	0	95	0.00	0	64.8	64.8	64.8	28.9	28.9
10-11 PM	521	0.0	59	0.0	OFF	521	0	59	0.00	0	65.4	65.4	65.4	29.2	29.2
11PM-MID	324	0.0	37	0.0	OFF	324	0	37	0.00	0	65.8	65.8	65.8	29.4	29.4

"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	0.0169
MAIN ROUTE WITH WORKS	0.0120
DIVERSION	0.1133

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$166,201
CONGESTED HOURS PER DAY*	8

\*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**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

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

