

<b>IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: STH 26 - USH 18 - STH 67</b>	<b>AUGUST</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	361	0.0	43	0.0	OFF	361	0	43	0.00	0	65.7	65.7	65.7	44.1	44.1
1-2 AM	195	0.0	23	0.0	OFF	195	0	23	0.00	0	66.0	66.0	66.0	44.4	44.4
2-3 AM	98	0.0	12	0.0	OFF	98	0	12	0.00	0	66.2	66.2	66.2	44.5	44.5
3-4 AM	81	0.0	9	0.0	OFF	81	0	9	0.00	0	66.3	66.3	66.3	44.6	44.6
4-5 AM	83	0.0	9	0.0	OFF	83	0	9	0.00	0	66.3	66.3	66.3	44.6	44.6
5-6 AM	141	0.0	17	0.0	OFF	141	0	17	0.00	0	66.1	66.1	66.1	44.5	44.5
6-7 AM	269	0.0	31	0.0	OFF	269	0	31	0.00	0	65.9	65.9	65.9	44.3	44.3
7-8 AM	512	0.0	61	0.0	OFF	512	0	61	0.00	0	65.5	65.5	65.5	43.8	43.8
8-9 AM	860	0.0	102	0.0	OFF	860	0	102	0.00	0	64.8	64.8	64.8	43.3	43.3
9-10 AM	1304	0.0	154	0.0	1499	1304	0	154	0.77	0	64.0	60.7	35.7	42.5	42.5
10-11 AM	1792	0.0	211	0.0	1499	1792	0	211	5.08	122	63.0	46.5	30.8	41.7	41.7
11A-NOON	2072	0.0	245	0.0	1500	2042	30	275	21.07	569	62.5	25.4	30.8	41.2	40.8
NOON-1PM	2002	0.0	237	0.0	1500	1584	417	654	33.93	893	62.7	18.6	30.8	41.4	35.4
1-2 PM	1860	0.0	220	0.0	1500	1439	421	641	33.74	887	62.9	18.8	30.8	41.6	35.6
2-3 PM	1815	0.0	215	0.0	1500	1473	343	557	32.20	844	63.0	19.4	30.8	41.7	36.8
3-4 PM	1733	0.0	204	0.0	1500	1461	272	476	30.82	806	63.2	19.9	30.8	41.8	37.9
4-5 PM	1775	0.0	209	0.0	1500	1518	256	466	30.63	801	63.1	20.1	30.8	41.7	38.1
5-6 PM	1754	0.0	207	0.0	1500	1478	275	482	30.92	809	63.1	19.9	30.8	41.7	37.8
6-7 PM	1364	0.0	161	0.0	1500	1294	71	232	26.34	684	63.8	22.2	30.8	42.4	41.4
7-8 PM	1164	0.0	137	0.0	OFF	1164	0	137	1.13	59	64.2	59.4	59.4	42.8	42.8
8-9 PM	968	0.0	114	0.0	OFF	968	0	114	0.00	0	64.6	64.6	64.6	43.1	43.1
9-10 PM	708	0.0	84	0.0	OFF	708	0	84	0.00	0	65.1	65.1	65.1	43.5	43.5
10-11 PM	509	0.0	60	0.0	OFF	509	0	60	0.00	0	65.5	65.5	65.5	43.8	43.8
11PM-MID	329	0.0	39	0.0	OFF	329	0	39	0.00	0	65.8	65.8	65.8	44.2	44.2

"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	0.0567
MAIN ROUTE WITH WORKS	0.0507
DIVERSION	0.0514

PIA: Personal Injury Accidents

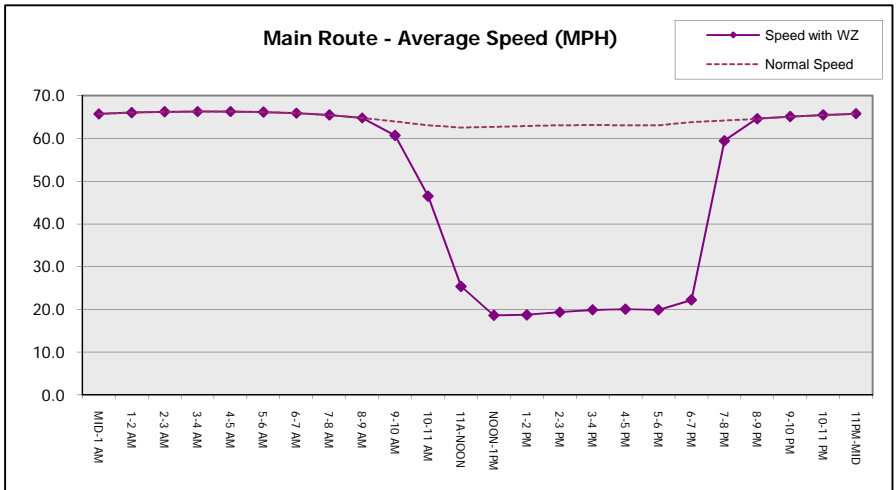
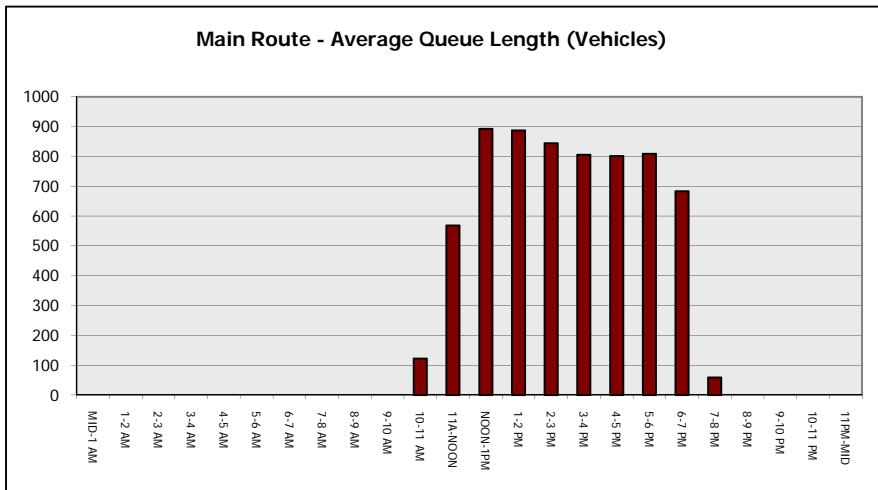
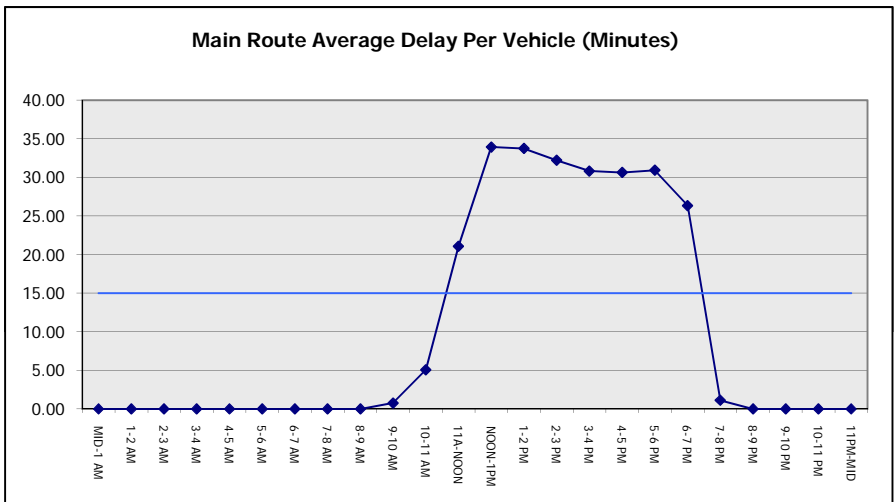
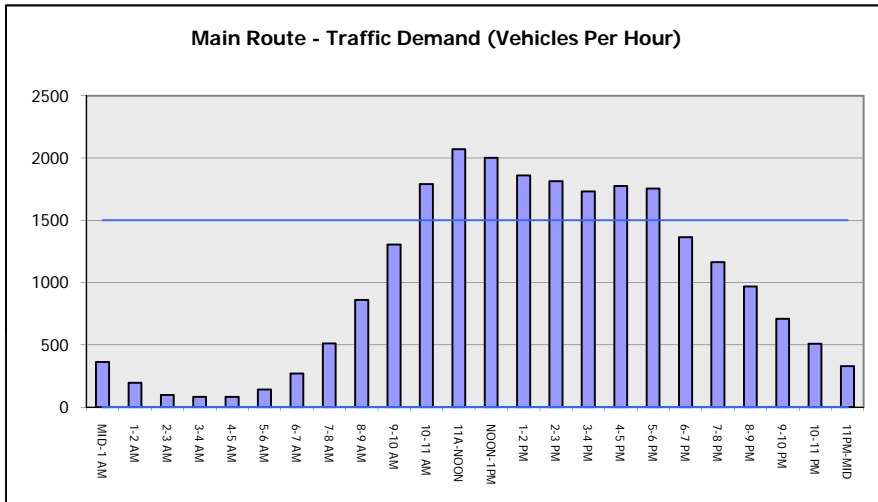
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$132,342
CONGESTED HOURS PER DAY*	8

\*Delays Exceeding 15 Minutes

**IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)**  
**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 26 - USH 18 - STH 67**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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



<b>IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>DIVERSION ROUTE: STH 26 - USH 18 - STH 67</b>	<b>AUGUST</b> Analyzed for 2009 Construction Season
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<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
<b>SUNDAY</b>	<b>EASTBOUND DIRECTION</b>

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	409	0.0	48	0.0	OFF	409	0	48	0.00	0	65.6	65.6	65.6	44.0	44.0
1-2 AM	195	0.0	23	0.0	OFF	195	0	23	0.00	0	66.0	66.0	66.0	44.4	44.4
2-3 AM	142	0.0	17	0.0	OFF	142	0	17	0.00	0	66.1	66.1	66.1	44.5	44.5
3-4 AM	117	0.0	14	0.0	OFF	117	0	14	0.00	0	66.1	66.1	66.1	44.5	44.5
4-5 AM	107	0.0	13	0.0	OFF	107	0	13	0.00	0	66.2	66.2	66.2	44.5	44.5
5-6 AM	141	0.0	17	0.0	OFF	141	0	17	0.00	0	66.1	66.1	66.1	44.5	44.5
6-7 AM	208	0.0	24	0.0	OFF	208	0	24	0.00	0	66.0	66.0	66.0	44.3	44.3
7-8 AM	345	0.0	41	0.0	OFF	345	0	41	0.00	0	65.8	65.8	65.8	44.2	44.2
8-9 AM	635	0.0	75	0.0	OFF	635	0	75	0.00	0	65.2	65.2	65.2	43.7	43.7
9-10 AM	1064	0.0	126	0.0	1499	1064	0	126	0.57	0	64.4	61.9	40.4	42.9	42.9
10-11 AM	1628	0.0	193	0.0	1499	1628	0	193	2.10	32	63.3	55.2	30.8	42.0	42.0
11A-NOON	2113	0.0	249	0.0	1500	2113	0	249	15.03	416	62.5	30.6	30.8	41.2	41.2
NOON-1PM	2258	0.0	267	0.0	1499	1814	444	711	34.96	927	62.2	18.2	30.8	40.9	34.6
1-2 PM	2316	0.0	273	0.0	1499	1592	723	997	41.52	1101	62.1	16.1	30.8	40.8	30.5
2-3 PM	2501	0.0	295	0.0	1499	1644	857	1152	45.63	1220	60.9	14.9	30.8	40.5	28.3
3-4 PM	2618	0.0	309	0.0	1499	1621	997	1306+	50.40	1356	59.7	13.7	30.8	40.3	26.1
4-5 PM	2600	0.0	307	0.0	1499	1530	1070	1377+	53.08	1427	59.9	13.2	30.8	40.4	25.1
5-6 PM	2678	0.0	316	0.0	1499	1560	1117	1433+	55.13	1488	59.1	12.8	30.8	40.2	24.3
6-7 PM	2264	0.0	267	0.0	1499	1219	1045	1312+	51.23	1366	62.2	13.7	30.8	40.9	26.0
7-8 PM	2073	0.0	245	0.0	OFF	2073	0	245	8.49	387	62.5	39.3	39.3	41.2	41.2
8-9 PM	1686	0.0	199	0.0	OFF	1686	0	199	0.00	0	63.2	63.2	63.2	41.9	41.9
9-10 PM	1193	0.0	140	0.0	OFF	1193	0	140	0.00	0	64.1	64.1	64.1	42.7	42.7
10-11 PM	763	0.0	90	0.0	OFF	763	0	90	0.00	0	65.0	65.0	65.0	43.4	43.4
11PM-MID	393	0.0	46	0.0	OFF	393	0	46	0.00	0	65.6	65.6	65.6	44.0	44.0

"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	0.0727
MAIN ROUTE WITH WORKS	0.0567
DIVERSION	0.1034

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$262,255
CONGESTED HOURS PER DAY*	8

\*Delays Exceeding 15 Minutes

**IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)**  
**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: STH 26 - USH 18 - STH 67**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

