

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

**OCTOBER**  
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	241	0.0	28	0.0	OFF	241	0	28	0.00	0	66.0	66.0	66.0	44.3	44.3
1-2 AM	123	0.0	14	0.0	OFF	123	0	14	0.00	0	66.1	66.1	66.1	44.5	44.5
2-3 AM	87	0.0	10	0.0	OFF	87	0	10	0.00	0	66.2	66.2	66.2	44.6	44.6
3-4 AM	69	0.0	8	0.0	OFF	69	0	8	0.00	0	66.3	66.3	66.3	44.6	44.6
4-5 AM	91	0.0	11	0.0	OFF	91	0	11	0.00	0	66.2	66.2	66.2	44.5	44.5
5-6 AM	127	0.0	15	0.0	OFF	127	0	15	0.00	0	66.1	66.1	66.1	44.5	44.5
6-7 AM	217	0.0	26	0.0	OFF	217	0	26	0.00	0	66.0	66.0	66.0	44.3	44.3
7-8 AM	354	0.0	42	0.0	OFF	354	0	42	0.00	0	65.7	65.7	65.7	44.1	44.1
8-9 AM	608	0.0	72	0.0	OFF	608	0	72	0.00	0	65.3	65.3	65.3	43.7	43.7
9-10 AM	961	0.0	113	0.0	1500	961	0	113	0.52	0	64.6	62.3	41.8	43.1	43.1
10-11 AM	1313	0.0	155	0.0	1499	1313	0	155	0.78	0	64.0	60.5	35.3	42.5	42.5
11A-NOON	1494	0.0	176	0.0	1499	1494	0	176	1.09	2	63.6	59.1	31.1	42.2	42.2
NOON-1PM	1514	0.0	179	0.0	1499	1514	0	179	1.59	15	63.6	57.1	30.8	42.2	42.2
1-2 PM	1527	0.0	180	0.0	1500	1527	0	180	2.42	37	63.5	54.3	30.8	42.2	42.2
2-3 PM	1481	0.0	175	0.0	1499	1481	0	175	2.63	43	63.7	53.7	30.8	42.2	42.2
3-4 PM	1449	0.0	171	0.0	1499	1449	0	171	1.29	8	63.7	58.4	31.5	42.3	42.3
4-5 PM	1528	0.0	180	0.0	1499	1528	0	180	1.59	15	63.5	57.1	30.8	42.2	42.2
5-6 PM	1401	0.0	165	0.0	1499	1401	0	165	1.19	7	63.8	58.8	32.7	42.4	42.4
6-7 PM	1153	0.0	136	0.0	1500	1153	0	136	0.58	0	64.2	61.7	40.0	42.8	42.8
7-8 PM	973	0.0	115	0.0	OFF	973	0	115	0.00	0	64.6	64.6	64.6	43.1	43.1
8-9 PM	752	0.0	89	0.0	OFF	752	0	89	0.00	0	65.0	65.0	65.0	43.5	43.5
9-10 PM	522	0.0	62	0.0	OFF	522	0	62	0.00	0	65.4	65.4	65.4	43.8	43.8
10-11 PM	360	0.0	42	0.0	OFF	360	0	42	0.00	0	65.7	65.7	65.7	44.1	44.1
11PM-MID	224	0.0	26	0.0	OFF	224	0	26	0.00	0	66.0	66.0	66.0	44.3	44.3

"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	0.0443	
MAIN ROUTE WITH WORKS	0.0434	
DIVERSION	0.0230	

PIA: Personal Injury Accidents

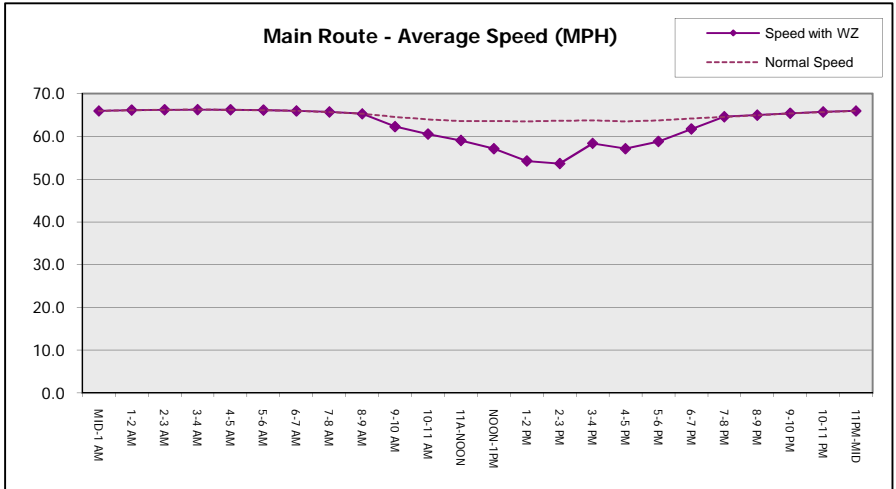
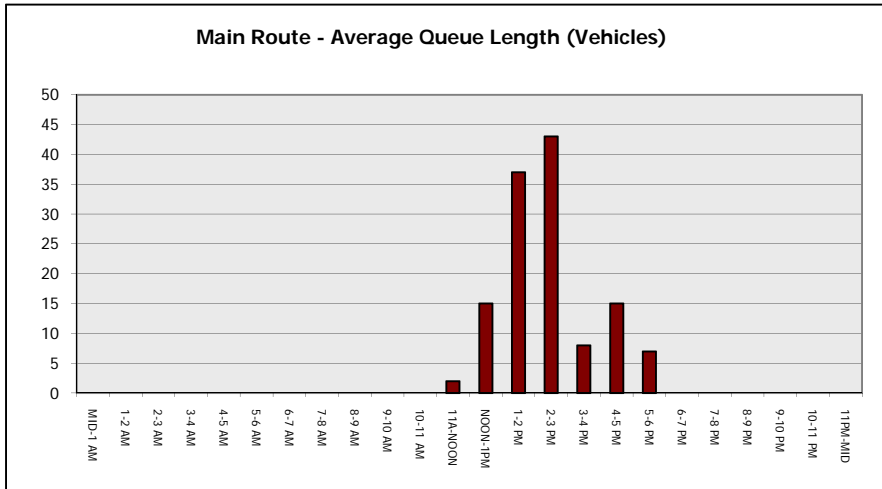
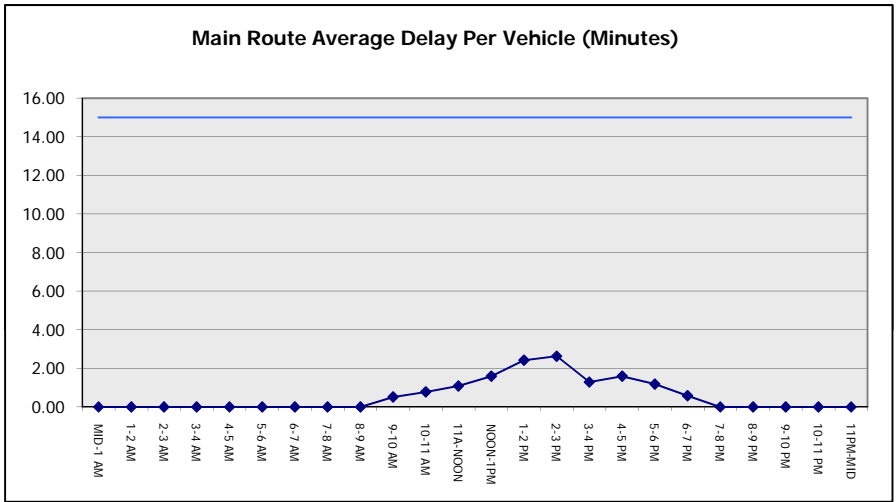
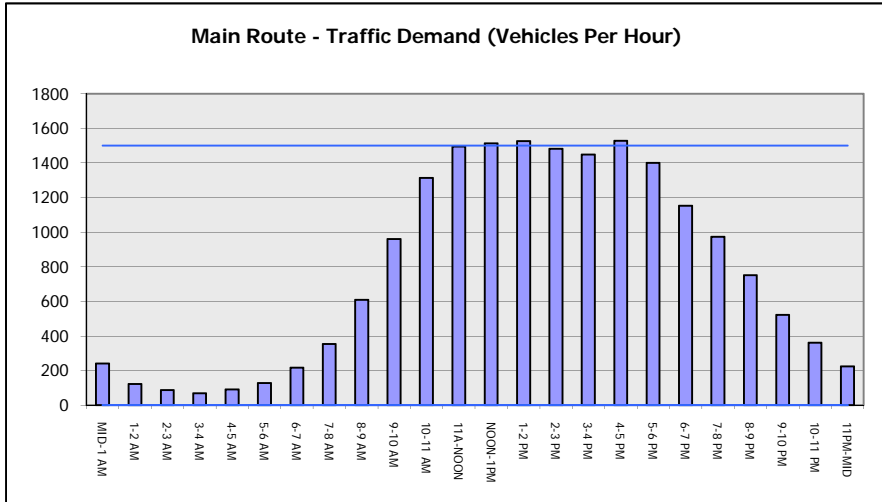
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$,885
CONGESTED HOURS PER DAY*	0

\*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**

**OCTOBER**  
 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>OCTOBER</b>
	Analyzed for 2009 Construction Season

<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
SUNDAY	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	212	0.0	25	0.0	OFF	212	0	25	0.00	0	66.0	66.0	66.0	44.3	44.3
1-2 AM	149	0.0	18	0.0	OFF	149	0	18	0.00	0	66.1	66.1	66.1	44.5	44.5
2-3 AM	121	0.0	14	0.0	OFF	121	0	14	0.00	0	66.1	66.1	66.1	44.5	44.5
3-4 AM	99	0.0	12	0.0	OFF	99	0	12	0.00	0	66.2	66.2	66.2	44.5	44.5
4-5 AM	88	0.0	10	0.0	OFF	88	0	10	0.00	0	66.2	66.2	66.2	44.6	44.6
5-6 AM	119	0.0	14	0.0	OFF	119	0	14	0.00	0	66.1	66.1	66.1	44.5	44.5
6-7 AM	166	0.0	20	0.0	OFF	166	0	20	0.00	0	66.1	66.1	66.1	44.4	44.4
7-8 AM	258	0.0	30	0.0	OFF	258	0	30	0.00	0	65.9	65.9	65.9	44.3	44.3
8-9 AM	522	0.0	62	0.0	OFF	522	0	62	0.00	0	65.4	65.4	65.4	43.8	43.8
9-10 AM	864	0.0	102	0.0	1500	864	0	102	0.51	0	64.8	62.5	42.2	43.3	43.3
10-11 AM	1367	0.0	161	0.0	1499	1367	0	161	0.85	0	63.8	60.2	34.0	42.4	42.4
11A-NOON	1839	0.0	217	0.0	1499	1839	0	217	5.93	148	63.0	44.5	30.8	41.6	41.6
NOON-1PM	2038	0.0	240	0.0	1500	2008	30	270	22.28	598	62.6	24.5	30.8	41.3	40.9
1-2 PM	2084	0.0	246	0.0	1500	1626	458	704	34.89	920	62.5	18.3	30.8	41.2	34.7
2-3 PM	2134	0.0	252	0.0	1500	1552	582	834	37.65	995	62.4	17.3	30.8	41.1	32.9
3-4 PM	2330	0.0	275	0.0	1500	1629	701	976	40.98	1087	62.0	16.2	30.8	40.8	30.8
4-5 PM	2508	0.0	296	0.0	1500	1646	862	1158	45.78	1225	60.8	14.8	30.8	40.5	28.2
5-6 PM	2680	0.0	316	0.0	1500	1650	1030	1346+	51.70	1396	59.1	13.4	30.8	40.2	25.5
6-7 PM	2133	0.0	252	0.0	1500	1158	975	1227+	48.35	1288	62.4	14.3	30.8	41.1	27.3
7-8 PM	1687	0.0	199	0.0	OFF	1687	0	199	5.30	265	63.2	46.1	46.1	41.9	41.9
8-9 PM	1330	0.0	157	0.0	OFF	1330	0	157	0.00	0	63.9	63.9	63.9	42.5	42.5
9-10 PM	904	0.0	107	0.0	OFF	904	0	107	0.00	0	64.7	64.7	64.7	43.2	43.2
10-11 PM	528	0.0	62	0.0	OFF	528	0	62	0.00	0	65.4	65.4	65.4	43.8	43.8
11PM-MID	274	0.0	32	0.0	OFF	274	0	32	0.00	0	65.9	65.9	65.9	44.3	44.3

"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	0.0631
MAIN ROUTE WITH WORKS	0.0510
DIVERSION	0.0815

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$199,871
CONGESTED HOURS PER DAY*	7

\*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**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

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

