

<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

**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	260	0.0	31	0.0	OFF	260	0	31	0.00	0	65.9	65.9	65.9	44.3	44.3
1-2 AM	168	0.0	20	0.0	OFF	168	0	20	0.00	0	66.1	66.1	66.1	44.4	44.4
2-3 AM	147	0.0	17	0.0	OFF	147	0	17	0.00	0	66.1	66.1	66.1	44.5	44.5
3-4 AM	132	0.0	16	0.0	OFF	132	0	16	0.00	0	66.1	66.1	66.1	44.5	44.5
4-5 AM	184	0.0	22	0.0	OFF	184	0	22	0.00	0	66.0	66.0	66.0	44.4	44.4
5-6 AM	297	0.0	35	0.0	OFF	297	0	35	0.00	0	65.8	65.8	65.8	44.2	44.2
6-7 AM	595	0.0	70	0.0	OFF	595	0	70	0.00	0	65.3	65.3	65.3	43.7	43.7
7-8 AM	1476	0.0	174	0.0	OFF	1476	0	174	0.00	0	63.7	63.7	63.7	42.2	42.2
8-9 AM	2772	0.0	327	0.0	1499	2634	138	465	18.32	581	58.1	26.6	30.8	40.1	38.1
9-10 AM	2470	0.0	291	0.0	1500	1603	867	1158	45.88	1225	61.2	14.8	30.8	40.6	28.2
10-11 AM	1863	0.0	220	0.0	1500	1152	711	931	40.05	1062	62.9	16.6	30.8	41.6	31.4
11A-NOON	1543	0.0	182	0.0	1500	1310	233	415	29.88	781	63.5	20.4	30.8	42.1	38.8
NOON-1PM	1455	0.0	172	0.0	1499	1447	8	180	26.06	675	63.7	22.4	30.8	42.3	42.2
1-2 PM	1409	0.0	166	0.0	1499	1409	0	166	23.42	604	63.8	24.0	30.8	42.4	42.4
2-3 PM	1356	0.0	160	0.0	1499	1356	0	160	18.96	484	63.8	27.2	30.8	42.4	42.4
3-4 PM	1374	0.0	162	0.0	1500	1374	0	162	13.91	348	63.8	32.1	30.8	42.4	42.4
4-5 PM	1358	0.0	160	0.0	1500	1358	0	160	9.13	220	63.8	38.8	30.8	42.4	42.4
5-6 PM	1186	0.0	140	0.0	1499	1186	0	140	1.99	39	64.1	56.2	37.3	42.7	42.7
6-7 PM	922	0.0	109	0.0	OFF	922	0	109	0.00	0	64.6	64.6	64.6	43.2	43.2
7-8 PM	753	0.0	89	0.0	OFF	753	0	89	0.00	0	65.0	65.0	65.0	43.5	43.5
8-9 PM	681	0.0	80	0.0	OFF	681	0	80	0.00	0	65.1	65.1	65.1	43.6	43.6
9-10 PM	566	0.0	67	0.0	OFF	566	0	67	0.00	0	65.3	65.3	65.3	43.8	43.8
10-11 PM	490	0.0	58	0.0	OFF	490	0	58	0.00	0	65.5	65.5	65.5	43.9	43.9
11PM-MID	382	0.0	45	0.0	OFF	382	0	45	0.00	0	65.7	65.7	65.7	44.1	44.1

"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	0.0569
MAIN ROUTE WITH WORKS	0.0513
DIVERSION	0.0501

PIA: Personal Injury Accidents

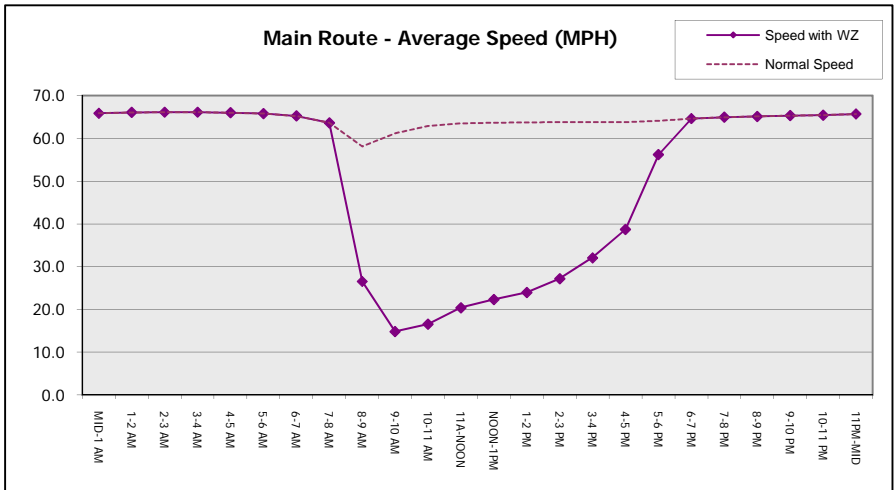
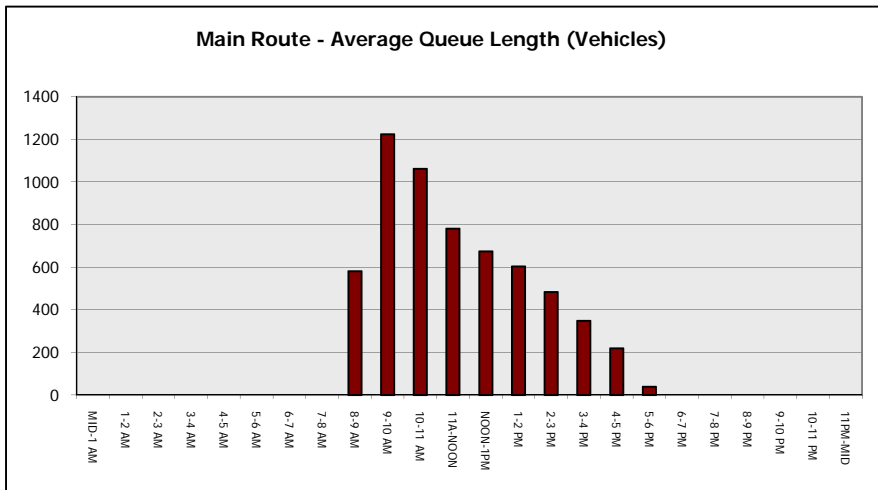
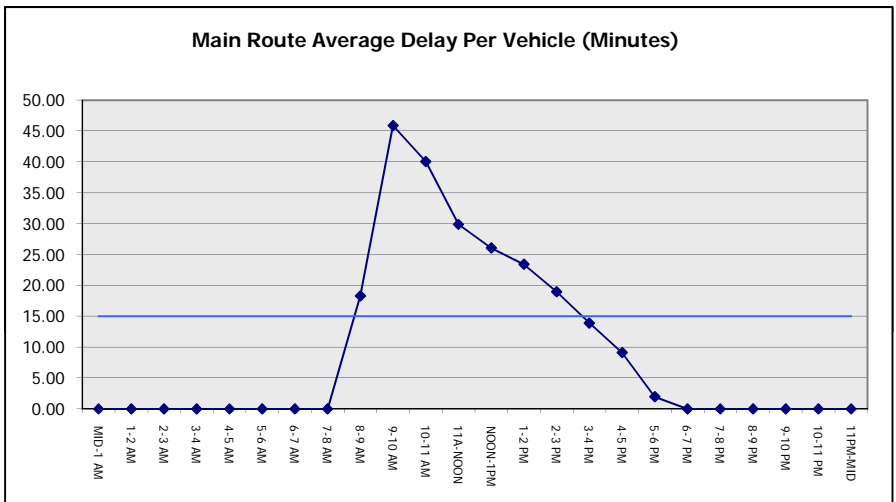
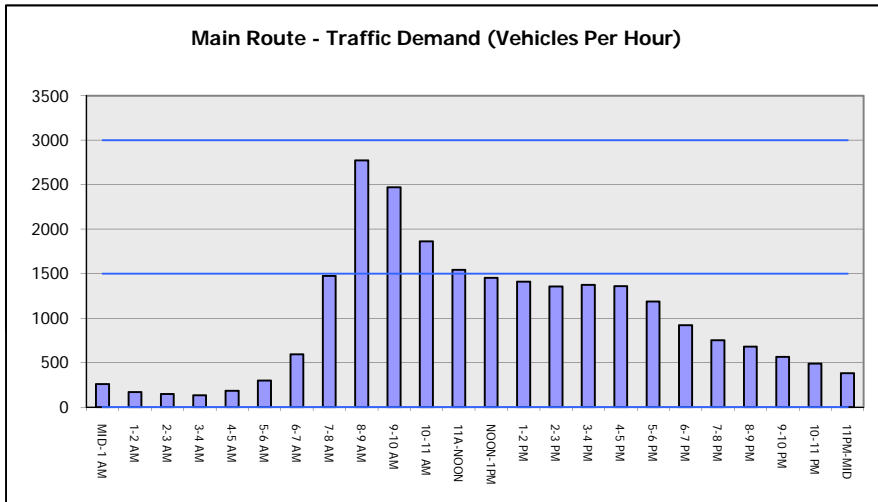
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$122,734
CONGESTED HOURS PER DAY*	7

\*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**  
**SATURDAY 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>	
SATURDAY	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	195	0.0	23	0.0	OFF	195	0	23	0.00	0	66.0	66.0	66.0	44.4	44.4
1-2 AM	119	0.0	14	0.0	OFF	119	0	14	0.00	0	66.1	66.1	66.1	44.5	44.5
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	122	0.0	14	0.0	OFF	122	0	14	0.00	0	66.1	66.1	66.1	44.5	44.5
4-5 AM	132	0.0	16	0.0	OFF	132	0	16	0.00	0	66.1	66.1	66.1	44.5	44.5
5-6 AM	225	0.0	27	0.0	OFF	225	0	27	0.00	0	66.0	66.0	66.0	44.3	44.3
6-7 AM	298	0.0	35	0.0	OFF	298	0	35	0.00	0	65.8	65.8	65.8	44.2	44.2
7-8 AM	479	0.0	57	0.0	OFF	479	0	57	0.00	0	65.5	65.5	65.5	43.9	43.9
8-9 AM	735	0.0	87	0.0	1500	735	0	87	0.49	0	65.0	62.8	42.6	43.5	43.5
9-10 AM	928	0.0	109	0.0	1500	928	0	109	0.51	0	64.6	62.3	41.9	43.2	43.2
10-11 AM	1182	0.0	139	0.0	1500	1182	0	139	0.61	0	64.2	61.5	39.1	42.7	42.7
11A-NOON	1311	0.0	155	0.0	1500	1311	0	155	0.78	0	64.0	60.6	35.2	42.5	42.5
NOON-1PM	1345	0.0	159	0.0	1500	1345	0	159	0.82	0	63.9	60.4	34.3	42.5	42.5
1-2 PM	1426	0.0	168	0.0	1499	1426	0	168	0.93	0	63.7	59.8	32.4	42.3	42.3
2-3 PM	1823	0.0	215	0.0	1499	1823	0	215	5.35	132	63.0	45.8	30.8	41.7	41.7
3-4 PM	2370	0.0	280	0.0	1500	2203	167	447	25.35	698	62.0	22.5	30.8	40.7	38.3
4-5 PM	2415	0.0	285	0.0	1500	1660	755	1040	42.61	1133	61.8	15.7	30.8	40.7	29.9
5-6 PM	1960	0.0	231	0.0	1500	1249	711	942	40.28	1067	62.7	16.5	30.8	41.4	31.3
6-7 PM	1536	0.0	181	0.0	OFF	1536	0	181	3.20	177	63.5	51.8	51.8	42.1	42.1
7-8 PM	1201	0.0	142	0.0	OFF	1201	0	142	0.00	0	64.1	64.1	64.1	42.7	42.7
8-9 PM	908	0.0	107	0.0	OFF	908	0	107	0.00	0	64.7	64.7	64.7	43.2	43.2
9-10 PM	746	0.0	88	0.0	OFF	746	0	88	0.00	0	65.0	65.0	65.0	43.5	43.5
10-11 PM	690	0.0	81	0.0	OFF	690	0	81	0.00	0	65.1	65.1	65.1	43.5	43.5
11PM-MID	369	0.0	43	0.0	OFF	369	0	43	0.00	0	65.7	65.7	65.7	44.1	44.1

"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	0.0540
MAIN ROUTE WITH WORKS	0.0492
DIVERSION	0.0452

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$77,309
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding 15 Minutes

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**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**  
**SATURDAY EASTBOUND DIRECTION**

