

**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

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	313	0.0	37	0.0	OFF	313	0	37	0.00	0	65.8	65.8	65.8	44.2	44.2
1-2 AM	202	0.0	24	0.0	OFF	202	0	24	0.00	0	66.0	66.0	66.0	44.3	44.3
2-3 AM	155	0.0	18	0.0	OFF	155	0	18	0.00	0	66.1	66.1	66.1	44.5	44.5
3-4 AM	113	0.0	14	0.0	OFF	113	0	14	0.00	0	66.2	66.2	66.2	44.5	44.5
4-5 AM	159	0.0	19	0.0	OFF	159	0	19	0.00	0	66.1	66.1	66.1	44.5	44.5
5-6 AM	311	0.0	37	0.0	OFF	311	0	37	0.00	0	65.8	65.8	65.8	44.2	44.2
6-7 AM	573	0.0	68	0.0	OFF	573	0	68	0.00	0	65.3	65.3	65.3	43.7	43.7
7-8 AM	1044	0.0	124	0.0	OFF	1044	0	124	0.00	0	64.5	64.5	64.5	43.0	43.0
8-9 AM	1571	0.0	185	0.0	1499	1571	0	185	1.81	24	63.5	56.3	31.4	42.0	42.0
9-10 AM	2037	0.0	241	0.0	1500	2037	0	241	12.67	345	62.6	33.3	30.8	41.3	41.3
10-11 AM	2211	0.0	261	0.0	1499	1875	336	597	32.76	870	62.3	19.1	30.8	41.0	36.2
11A-NOON	2056	0.0	243	0.0	1499	1461	596	838	37.79	998	62.5	17.3	30.8	41.2	32.8
NOON-1PM	1843	0.0	218	0.0	1499	1380	462	680	34.51	908	63.0	18.4	30.8	41.6	35.0
1-2 PM	1710	0.0	202	0.0	1499	1426	284	486	30.99	811	63.2	19.9	30.8	41.9	37.8
2-3 PM	1616	0.0	191	0.0	1499	1454	161	352	28.86	752	63.4	20.9	30.8	42.0	39.7
3-4 PM	1542	0.0	182	0.0	1499	1470	72	254	27.43	712	63.5	21.6	30.8	42.1	41.1
4-5 PM	1561	0.0	184	0.0	1500	1502	59	243	27.27	708	63.5	21.7	30.8	42.1	41.2
5-6 PM	1366	0.0	161	0.0	1499	1364	2	164	24.99	646	63.8	23.0	30.8	42.4	42.4
6-7 PM	1169	0.0	138	0.0	OFF	1169	0	138	1.09	56	64.2	59.6	59.6	42.7	42.7
7-8 PM	998	0.0	118	0.0	OFF	998	0	118	0.00	0	64.5	64.5	64.5	43.0	43.0
8-9 PM	918	0.0	108	0.0	OFF	918	0	108	0.00	0	64.6	64.6	64.6	43.2	43.2
9-10 PM	888	0.0	105	0.0	OFF	888	0	105	0.00	0	64.7	64.7	64.7	43.2	43.2
10-11 PM	818	0.0	96	0.0	OFF	818	0	96	0.00	0	64.8	64.8	64.8	43.3	43.3
11PM-MID	554	0.0	65	0.0	OFF	554	0	65	0.00	0	65.3	65.3	65.3	43.8	43.8

"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	0.0614
MAIN ROUTE WITH WORKS	0.0557
DIVERSION	0.0526

PIA: Personal Injury Accidents

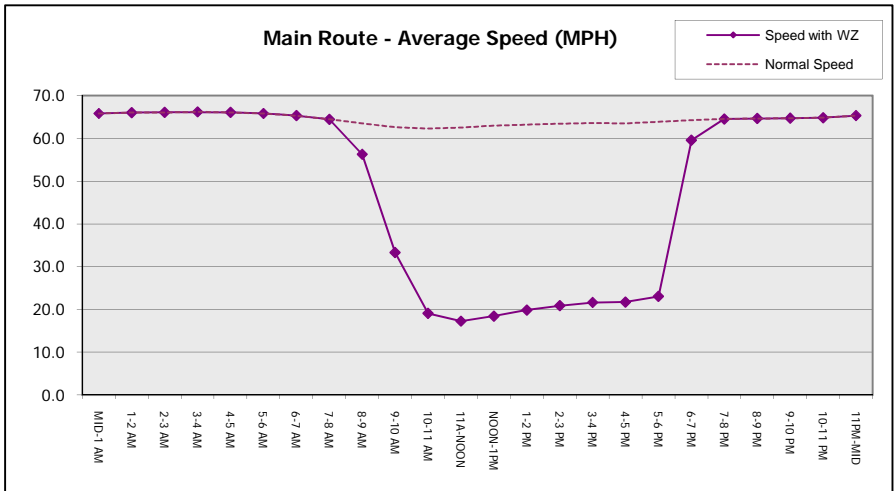
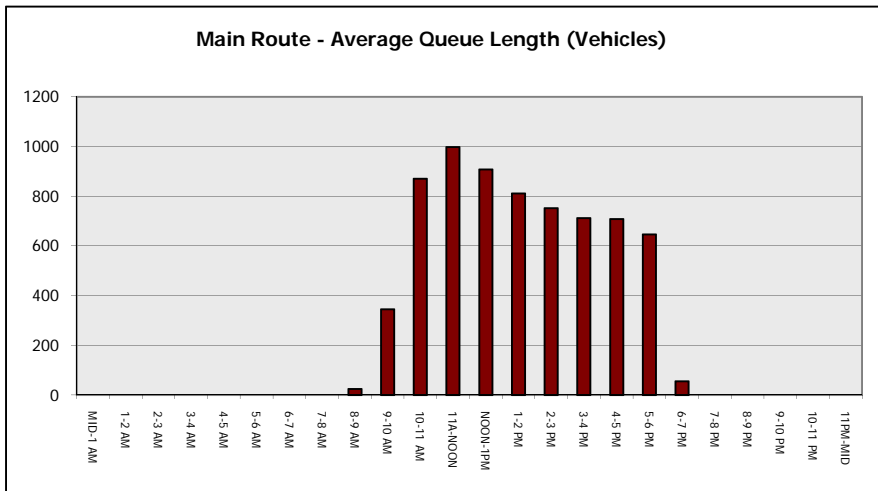
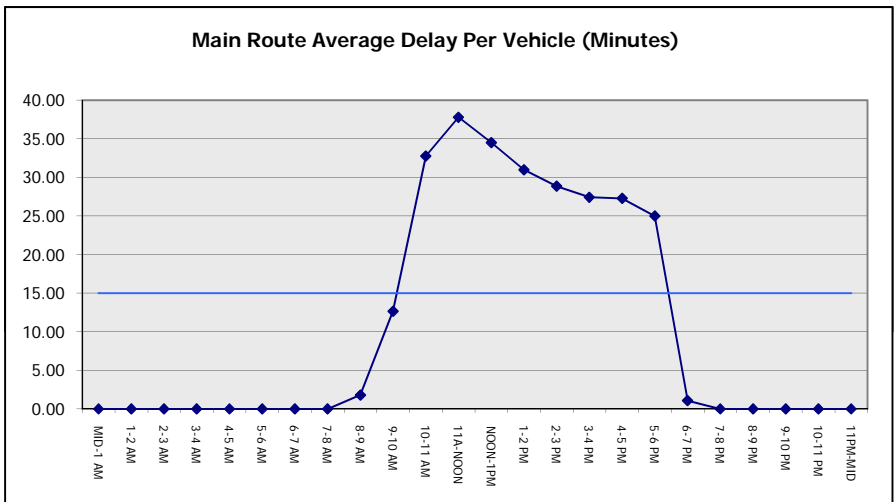
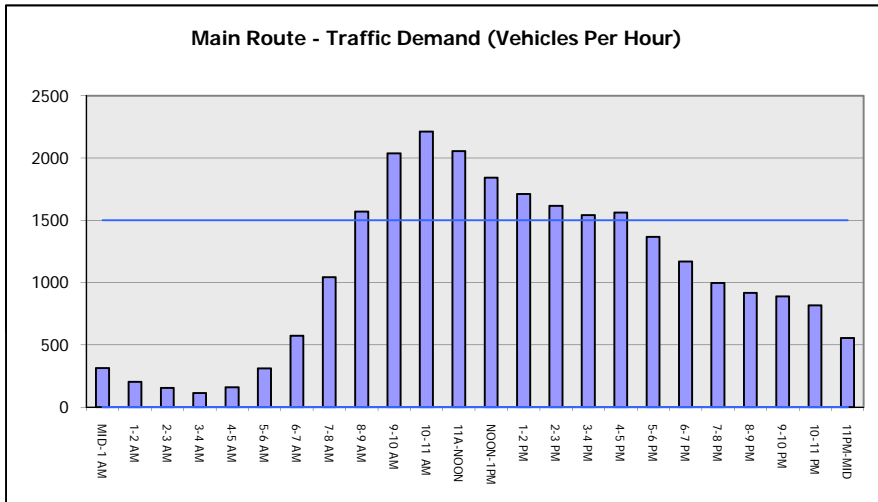
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$132,613
CONGESTED HOURS PER DAY*	8

*Delays Exceeding 15 Minutes

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OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 26 - USH 18 - STH 67

AUGUST
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



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
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SUMMARY OF TRAFFIC MODEL OUTPUT	
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		SITE	ALTERNATE ROUTE	
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN		WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	283	0.0	33	0.0	OFF	283	0	33	0.00	0	65.9	65.9	65.9	44.2	44.2
1-2 AM	144	0.0	17	0.0	OFF	144	0	17	0.00	0	66.1	66.1	66.1	44.5	44.5
2-3 AM	129	0.0	15	0.0	OFF	129	0	15	0.00	0	66.1	66.1	66.1	44.5	44.5
3-4 AM	122	0.0	15	0.0	OFF	122	0	15	0.00	0	66.1	66.1	66.1	44.5	44.5
4-5 AM	164	0.0	19	0.0	OFF	164	0	19	0.00	0	66.1	66.1	66.1	44.5	44.5
5-6 AM	235	0.0	28	0.0	OFF	235	0	28	0.00	0	66.0	66.0	66.0	44.3	44.3
6-7 AM	363	0.0	43	0.0	OFF	363	0	43	0.00	0	65.7	65.7	65.7	44.1	44.1
7-8 AM	580	0.0	68	0.0	OFF	580	0	68	0.00	0	65.3	65.3	65.3	43.7	43.7
8-9 AM	871	0.0	103	0.0	1500	871	0	103	0.51	0	64.8	62.5	42.2	43.2	43.2
9-10 AM	1183	0.0	139	0.0	1499	1183	0	139	0.62	0	64.1	61.5	38.9	42.7	42.7
10-11 AM	1497	0.0	177	0.0	1499	1497	0	177	1.26	7	63.6	58.4	31.5	42.2	42.2
11A-NOON	1713	0.0	202	0.0	1500	1713	0	202	5.43	125	63.2	45.8	30.8	41.9	41.9
NOON-1PM	1884	0.0	222	0.0	1500	1884	0	222	16.34	429	62.8	29.4	30.8	41.5	41.5
1-2 PM	1947	0.0	230	0.0	1499	1747	200	430	29.97	788	62.8	20.3	30.8	41.4	38.6
2-3 PM	1904	0.0	225	0.0	1499	1499	406	631	33.52	881	62.8	18.8	30.8	41.5	35.7
3-4 PM	1778	0.0	209	0.0	1499	1443	334	544	31.97	838	63.1	19.4	30.8	41.7	36.9
4-5 PM	1936	0.0	228	0.0	1499	1566	370	598	32.90	864	62.8	19.1	30.8	41.5	36.2
5-6 PM	1629	0.0	193	0.0	1499	1346	283	476	30.86	807	63.3	19.9	30.8	42.0	37.9
6-7 PM	1319	0.0	156	0.0	OFF	1319	0	156	1.80	99	63.9	56.7	56.7	42.5	42.5
7-8 PM	1168	0.0	138	0.0	OFF	1168	0	138	0.00	0	64.2	64.2	64.2	42.7	42.7
8-9 PM	1091	0.0	129	0.0	OFF	1091	0	129	0.00	0	64.3	64.3	64.3	42.8	42.8
9-10 PM	946	0.0	112	0.0	OFF	946	0	112	0.00	0	64.6	64.6	64.6	43.1	43.1
10-11 PM	736	0.0	87	0.0	OFF	736	0	87	0.00	0	65.0	65.0	65.0	43.5	43.5
11PM-MID	530	0.0	63	0.0	OFF	530	0	63	0.00	0	65.4	65.4	65.4	43.8	43.8

"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	0.0577
MAIN ROUTE WITH WORKS	0.0529
DIVERSION	0.0467

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$97,104
CONGESTED HOURS PER DAY*	6

*Delays Exceeding 15 Minutes

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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
SATURDAY EASTBOUND DIRECTION

