

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

FRIDAY 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	248	0.0	29	0.0	OFF	248	0	29	0.00	0	66.0	66.0	66.0	44.3	44.3
1-2 AM	163	0.0	19	0.0	OFF	163	0	19	0.00	0	66.1	66.1	66.1	44.5	44.5
2-3 AM	151	0.0	18	0.0	OFF	151	0	18	0.00	0	66.1	66.1	66.1	44.5	44.5
3-4 AM	126	0.0	15	0.0	OFF	126	0	15	0.00	0	66.1	66.1	66.1	44.5	44.5
4-5 AM	186	0.0	22	0.0	OFF	186	0	22	0.00	0	66.0	66.0	66.0	44.4	44.4
5-6 AM	411	0.0	48	0.0	OFF	411	0	48	0.00	0	65.6	65.6	65.6	44.0	44.0
6-7 AM	930	0.0	110	0.0	OFF	930	0	110	0.00	0	64.6	64.6	64.6	43.2	43.2
7-8 AM	1323	0.0	156	0.0	OFF	1323	0	156	0.00	0	63.9	63.9	63.9	42.5	42.5
8-9 AM	1490	0.0	176	0.0	OFF	1490	0	176	0.00	0	63.6	63.6	63.6	42.2	42.2
9-10 AM	1696	0.0	200	0.0	1499	1696	0	200	4.08	88	63.2	49.1	30.8	41.9	41.9
10-11 AM	1792	0.0	211	0.0	1500	1792	0	211	13.19	338	63.0	32.8	30.8	41.7	41.7
11A-NOON	1806	0.0	214	0.0	1499	1790	16	230	24.23	634	63.0	23.3	30.8	41.7	41.4
NOON-1PM	1980	0.0	233	0.0	1500	1635	344	578	32.50	855	62.7	19.2	30.8	41.4	36.5
1-2 PM	2031	0.0	240	0.0	1500	1543	488	728	35.40	933	62.6	18.1	30.8	41.3	34.3
2-3 PM	2155	0.0	254	0.0	1500	1578	577	832	37.59	994	62.3	17.3	30.8	41.1	32.9
3-4 PM	2288	0.0	270	0.0	1500	1593	696	966	40.74	1080	62.1	16.3	30.8	40.9	30.9
4-5 PM	2394	0.0	283	0.0	OFF	2394	0	283	9.24	395	61.9	37.9	37.9	40.7	40.7
5-6 PM	2471	0.0	292	0.0	OFF	2471	0	292	0.00	0	61.2	61.2	61.2	40.6	40.6
6-7 PM	2317	0.0	273	0.0	OFF	2317	0	273	0.00	0	62.1	62.1	62.1	40.8	40.8
7-8 PM	1601	0.0	189	0.0	OFF	1601	0	189	0.00	0	63.4	63.4	63.4	42.0	42.0
8-9 PM	1069	0.0	127	0.0	OFF	1069	0	127	0.00	0	64.4	64.4	64.4	42.9	42.9
9-10 PM	822	0.0	97	0.0	OFF	822	0	97	0.00	0	64.8	64.8	64.8	43.3	43.3
10-11 PM	716	0.0	85	0.0	OFF	716	0	85	0.00	0	65.1	65.1	65.1	43.5	43.5
11PM-MID	562	0.0	66	0.0	OFF	562	0	66	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	0.0734
MAIN ROUTE WITH WORKS	0.0675
DIVERSION	0.0604

PIA: Personal Injury Accidents

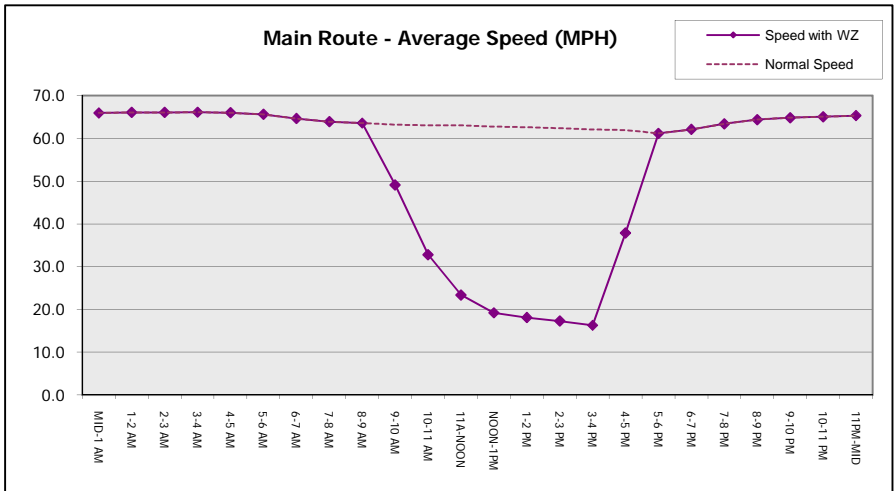
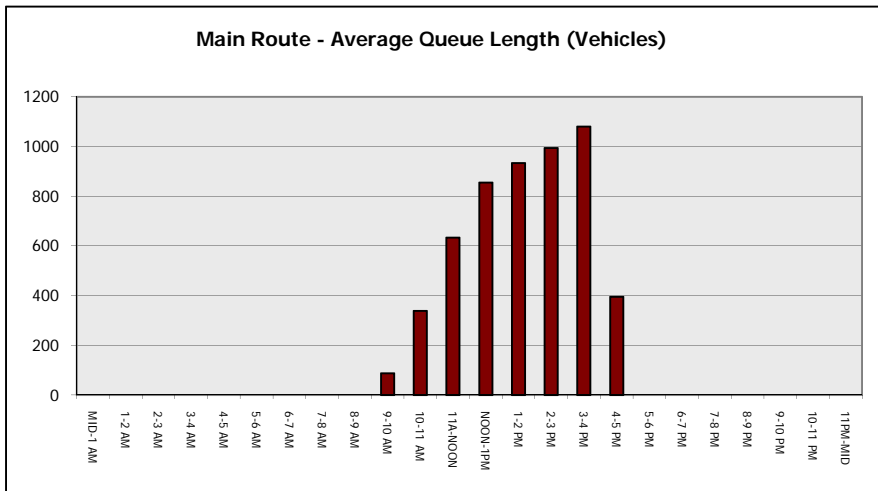
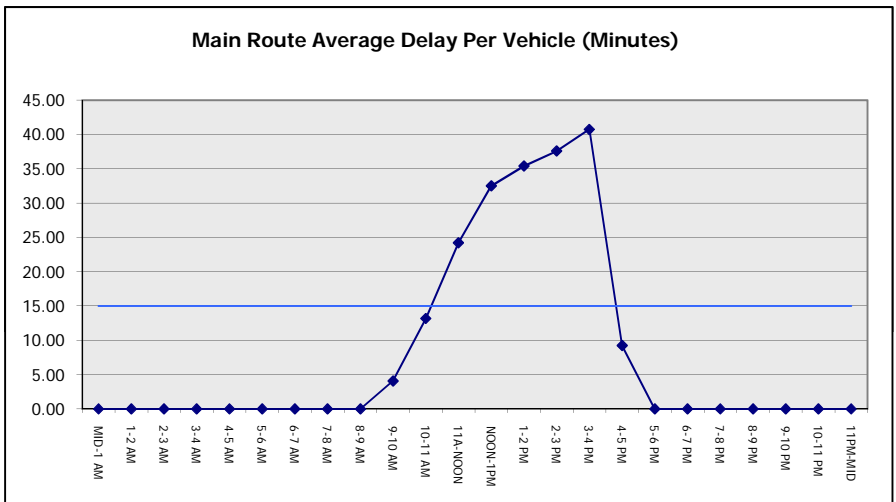
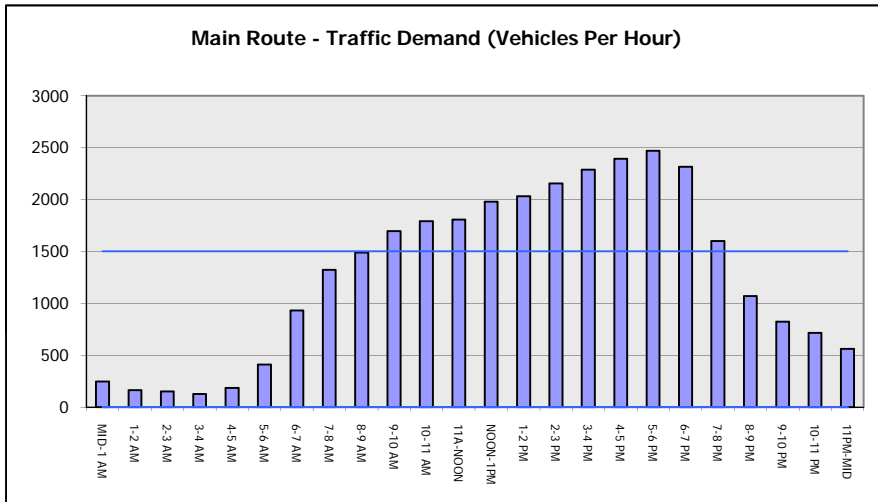
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$83,155
CONGESTED HOURS PER DAY*	5

*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
FRIDAY 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

SUMMARY OF TRAFFIC MODEL OUTPUT	
FRIDAY	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	248	0.0	29	0.0	OFF	248	0	29	0.00	0	66.0	66.0	66.0	44.3	44.3
1-2 AM	138	0.0	17	0.0	OFF	138	0	17	0.00	0	66.1	66.1	66.1	44.5	44.5
2-3 AM	117	0.0	14	0.0	OFF	117	0	14	0.00	0	66.1	66.1	66.1	44.5	44.5
3-4 AM	155	0.0	18	0.0	OFF	155	0	18	0.00	0	66.1	66.1	66.1	44.5	44.5
4-5 AM	253	0.0	30	0.0	OFF	253	0	30	0.00	0	65.9	65.9	65.9	44.3	44.3
5-6 AM	501	0.0	60	0.0	OFF	501	0	60	0.00	0	65.5	65.5	65.5	43.8	43.8
6-7 AM	875	0.0	104	0.0	OFF	875	0	104	0.00	0	64.8	64.8	64.8	43.2	43.2
7-8 AM	1153	0.0	136	0.0	OFF	1153	0	136	0.00	0	64.2	64.2	64.2	42.8	42.8
8-9 AM	1055	0.0	125	0.0	OFF	1055	0	125	0.00	0	64.4	64.4	64.4	42.9	42.9
9-10 AM	1109	0.0	131	0.0	1500	1109	0	131	0.53	0	64.3	62.0	41.3	42.8	42.8
10-11 AM	1232	0.0	145	0.0	1500	1232	0	145	0.68	0	64.1	61.2	37.4	42.7	42.7
11A-NOON	1313	0.0	155	0.0	1500	1313	0	155	0.78	0	64.0	60.5	35.1	42.5	42.5
NOON-1PM	1454	0.0	172	0.0	1499	1454	0	172	0.97	0	63.7	59.6	31.8	42.3	42.3
1-2 PM	1673	0.0	198	0.0	1499	1673	0	198	3.60	74	63.3	50.5	30.8	41.9	41.9
2-3 PM	1839	0.0	217	0.0	1500	1839	0	217	12.83	332	63.0	33.2	30.8	41.6	41.6
3-4 PM	2005	0.0	237	0.0	1500	1873	132	369	27.33	723	62.7	21.5	30.8	41.4	39.4
4-5 PM	2097	0.0	247	0.0	OFF	2097	0	247	4.77	205	62.5	46.9	46.9	41.2	41.2
5-6 PM	2003	0.0	237	0.0	OFF	2003	0	237	0.00	0	62.7	62.7	62.7	41.4	41.4
6-7 PM	1557	0.0	183	0.0	OFF	1557	0	183	0.00	0	63.5	63.5	63.5	42.1	42.1
7-8 PM	1202	0.0	142	0.0	OFF	1202	0	142	0.00	0	64.1	64.1	64.1	42.7	42.7
8-9 PM	993	0.0	117	0.0	OFF	993	0	117	0.00	0	64.5	64.5	64.5	43.0	43.0
9-10 PM	853	0.0	100	0.0	OFF	853	0	100	0.00	0	64.8	64.8	64.8	43.3	43.3
10-11 PM	619	0.0	73	0.0	OFF	619	0	73	0.00	0	65.2	65.2	65.2	43.7	43.7
11PM-MID	454	0.0	53	0.0	OFF	454	0	53	0.00	0	65.5	65.5	65.5	44.0	44.0

"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	0.0594
MAIN ROUTE WITH WORKS	0.0584
DIVERSION	0.0323

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$20,084
CONGESTED HOURS PER DAY*	1

*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
FRIDAY EASTBOUND DIRECTION

