

IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES) NIGHTTIME 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	1500	248	0	29	0.45	0	66.0	63.8	44.5	44.3	44.3
1-2 AM	163	0.0	19	0.0	1500	163	0	19	0.44	0	66.1	64.0	44.8	44.5	44.5
2-3 AM	151	0.0	18	0.0	1500	151	0	18	0.44	0	66.1	64.0	44.9	44.5	44.5
3-4 AM	126	0.0	15	0.0	1500	126	0	15	0.43	0	66.1	64.1	45.0	44.5	44.5
4-5 AM	186	0.0	22	0.0	1500	186	0	22	0.44	0	66.0	64.0	44.7	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	OFF	1696	0	200	0.00	0	63.2	63.2	63.2	41.9	41.9
10-11 AM	1792	0.0	211	0.0	OFF	1792	0	211	0.00	0	63.0	63.0	63.0	41.7	41.7
11A-NOON	1806	0.0	214	0.0	OFF	1806	0	214	0.00	0	63.0	63.0	63.0	41.7	41.7
NOON-1PM	1980	0.0	233	0.0	OFF	1980	0	233	0.00	0	62.7	62.7	62.7	41.4	41.4
1-2 PM	2031	0.0	240	0.0	OFF	2031	0	240	0.00	0	62.6	62.6	62.6	41.3	41.3
2-3 PM	2155	0.0	254	0.0	OFF	2155	0	254	0.00	0	62.3	62.3	62.3	41.1	41.1
3-4 PM	2288	0.0	270	0.0	OFF	2288	0	270	0.00	0	62.1	62.1	62.1	40.9	40.9
4-5 PM	2394	0.0	283	0.0	OFF	2394	0	283	0.00	0	61.9	61.9	61.9	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	1499	1601	0	189	4.27	89	63.4	48.7	30.8	42.0	42.0
8-9 PM	1069	0.0	127	0.0	1500	1069	0	127	1.09	15	64.4	59.7	39.9	42.9	42.9
9-10 PM	822	0.0	97	0.0	1500	822	0	97	0.50	0	64.8	62.6	42.3	43.3	43.3
10-11 PM	716	0.0	85	0.0	1500	716	0	85	0.49	0	65.1	62.8	42.7	43.5	43.5
11PM-MID	562	0.0	66	0.0	1500	562	0	66	0.48	0	65.3	63.2	43.3	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	0.0730
DIVERSION	0.0381

PIA: Personal Injury Accidents

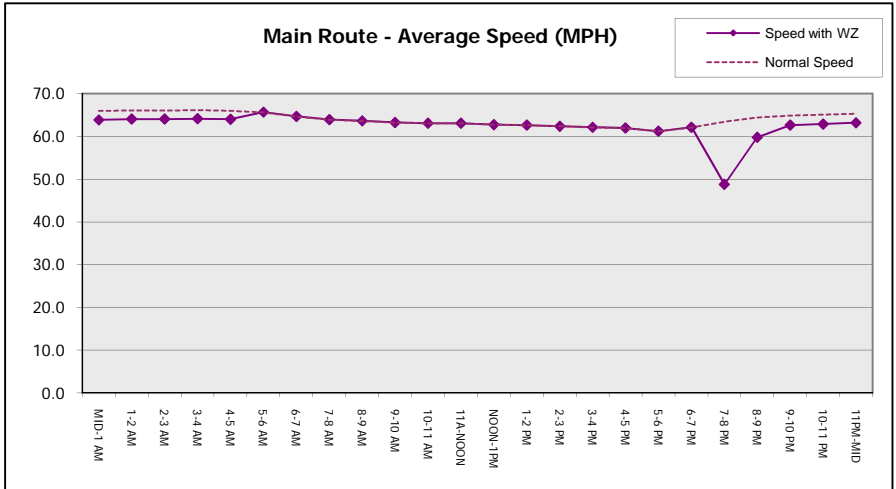
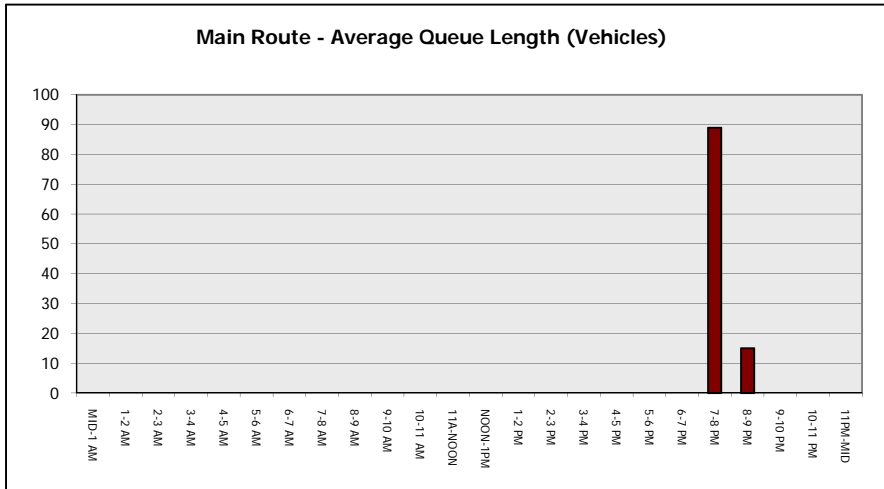
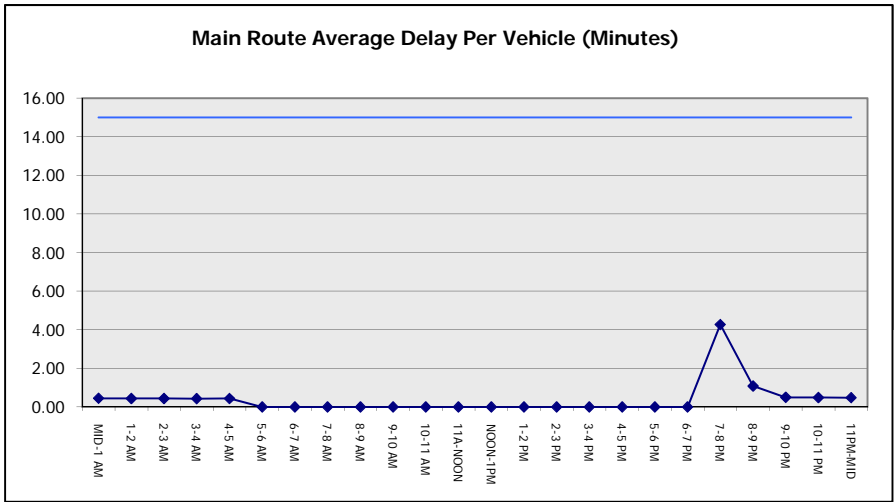
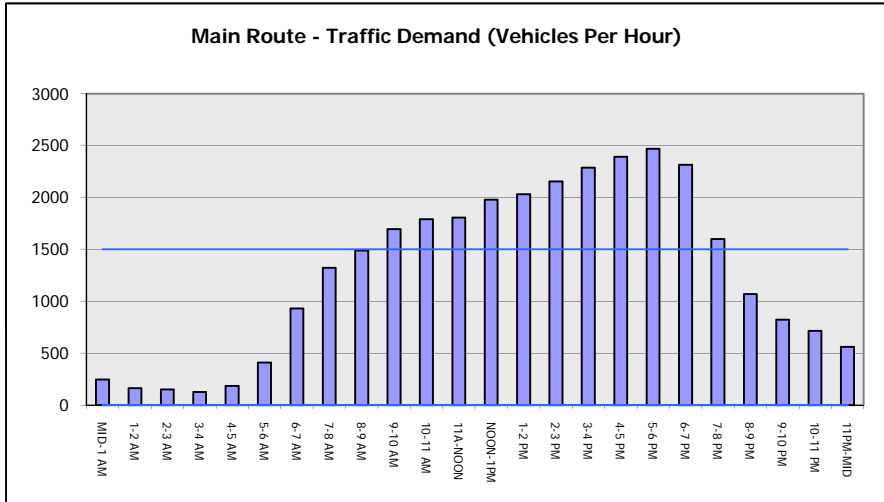
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,913
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)
NIGHTTIME 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) NIGHTTIME 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	1500	248	0	29	0.45	0	66.0	63.8	44.5	44.3	44.3	
1-2 AM	138	0.0	17	0.0	1500	138	0	17	0.44	0	66.1	64.1	45.0	44.5	44.5	
2-3 AM	117	0.0	14	0.0	1500	117	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5	
3-4 AM	155	0.0	18	0.0	1500	155	0	18	0.44	0	66.1	64.0	44.8	44.5	44.5	
4-5 AM	253	0.0	30	0.0	1500	253	0	30	0.45	0	65.9	63.8	44.5	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	OFF	1109	0	131	0.00	0	64.3	64.3	64.3	42.8	42.8	
10-11 AM	1232	0.0	145	0.0	OFF	1232	0	145	0.00	0	64.1	64.1	64.1	42.7	42.7	
11A-NOON	1313	0.0	155	0.0	OFF	1313	0	155	0.00	0	64.0	64.0	64.0	42.5	42.5	
NOON-1PM	1454	0.0	172	0.0	OFF	1454	0	172	0.00	0	63.7	63.7	63.7	42.3	42.3	
1-2 PM	1673	0.0	198	0.0	OFF	1673	0	198	0.00	0	63.3	63.3	63.3	41.9	41.9	
2-3 PM	1839	0.0	217	0.0	OFF	1839	0	217	0.00	0	63.0	63.0	63.0	41.6	41.6	
3-4 PM	2005	0.0	237	0.0	OFF	2005	0	237	0.00	0	62.7	62.7	62.7	41.4	41.4	
4-5 PM	2097	0.0	247	0.0	OFF	2097	0	247	0.00	0	62.5	62.5	62.5	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	1500	1202	0	142	0.64	0	64.1	61.4	38.4	42.7	42.7	
8-9 PM	993	0.0	117	0.0	1500	993	0	117	0.52	0	64.5	62.2	41.7	43.0	43.0	
9-10 PM	853	0.0	100	0.0	1500	853	0	100	0.50	0	64.8	62.5	42.2	43.3	43.3	
10-11 PM	619	0.0	73	0.0	1500	619	0	73	0.48	0	65.2	63.0	43.0	43.7	43.7	
11PM-MID	454	0.0	53	0.0	1500	454	0	53	0.47	0	65.5	63.4	43.7	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	0.0591
DIVERSION	0.0309

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$534
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)
NIGHTTIME 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

