

IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES) CONTINUOUS (24 HOUR) 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	1500	411	0	48	0.46	0	65.6	63.5	43.8	44.0	44.0
6-7 AM	930	0.0	110	0.0	1500	930	0	110	0.51	0	64.6	62.3	41.9	43.2	43.2
7-8 AM	1323	0.0	156	0.0	1499	1323	0	156	0.79	0	63.9	60.5	35.0	42.5	42.5
8-9 AM	1490	0.0	176	0.0	1499	1490	0	176	1.15	4	63.6	58.8	31.4	42.2	42.2
9-10 AM	1696	0.0	200	0.0	1500	1696	0	200	4.75	106	63.2	47.4	30.8	41.9	41.9
10-11 AM	1792	0.0	211	0.0	1500	1792	0	211	13.87	357	63.0	32.0	30.8	41.7	41.7
11A-NOON	1806	0.0	214	0.0	1499	1777	29	243	24.78	648	63.0	23.0	30.8	41.7	41.2
NOON-1PM	1980	0.0	233	0.0	1500	1631	349	582	32.59	857	62.7	19.2	30.8	41.4	36.4
1-2 PM	2031	0.0	240	0.0	1500	1542	489	729	35.41	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	1500	1587	807	1090	44.04	1170	61.9	15.3	30.8	40.7	29.2
5-6 PM	2471	0.0	292	0.0	1500	1569	902	1194	47.01	1255	61.2	14.6	30.8	40.6	27.7
6-7 PM	2317	0.0	273	0.0	1500	1398	919	1192	47.14	1254	62.1	14.6	30.8	40.8	27.8
7-8 PM	1601	0.0	189	0.0	1500	1052	549	739	35.80	949	63.4	18.0	30.8	42.0	34.2
8-9 PM	1069	0.0	127	0.0	1499	1069	0	127	20.58	540	64.4	26.0	31.2	42.9	42.9
9-10 PM	822	0.0	97	0.0	1500	822	0	97	2.61	71	64.8	54.6	41.6	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

----- 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	0.0590
DIVERSION	0.0940

PIA: Personal Injury Accidents

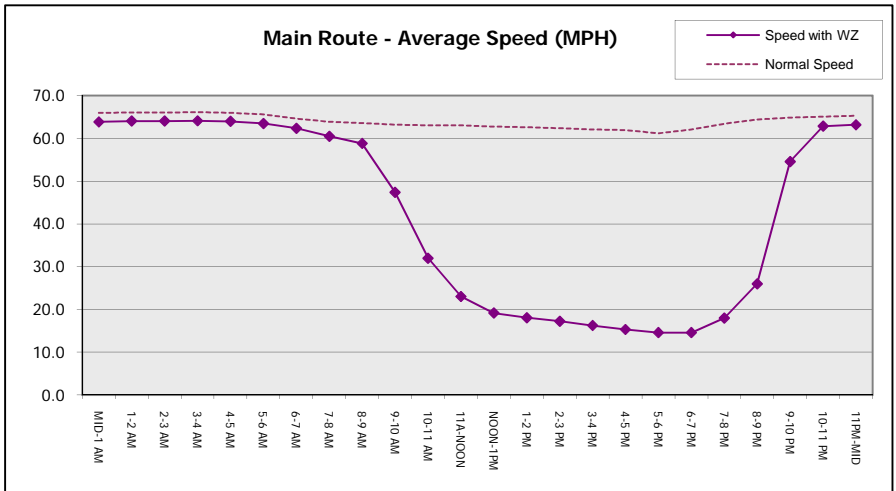
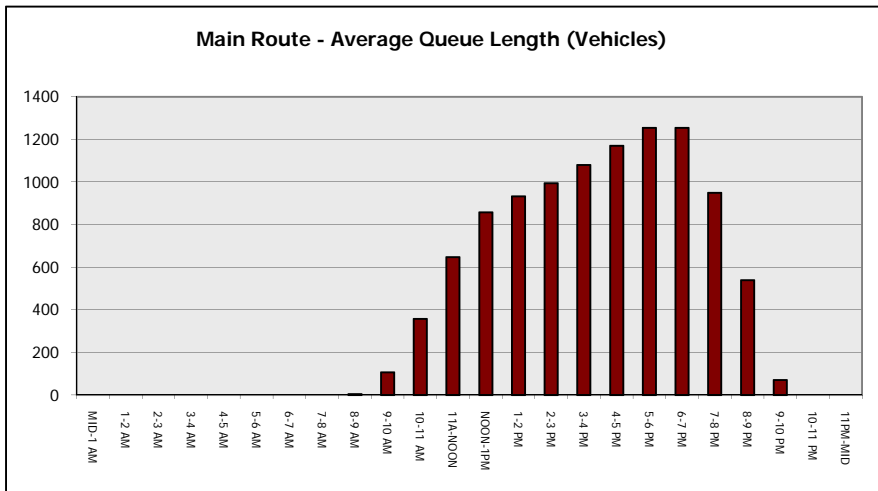
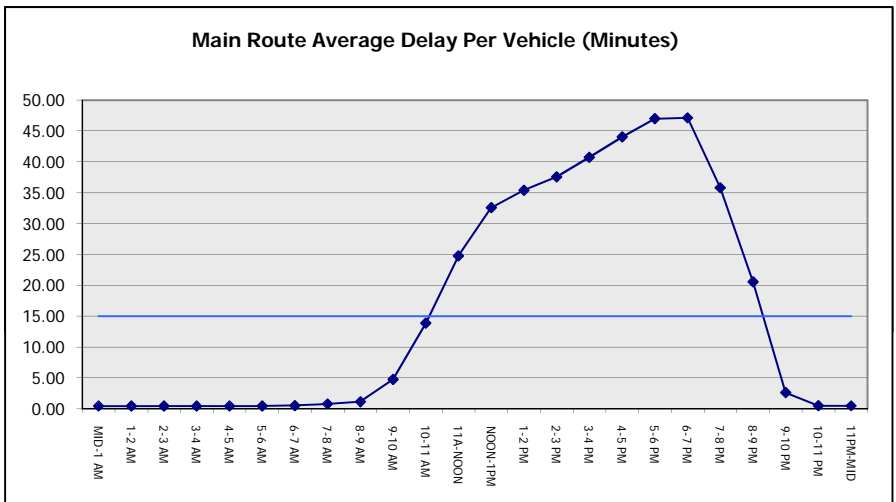
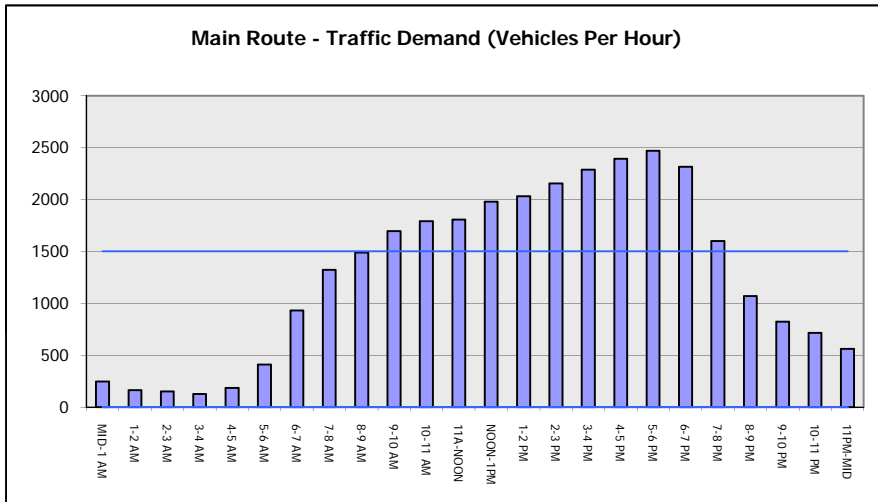
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$207,166
CONGESTED HOURS PER DAY*	10

*Delays Exceeding 15 Minutes

IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)
CONTINUOUS (24 HOUR) 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) CONTINUOUS (24 HOUR) 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		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	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	1500	501	0	60	0.47	0	65.5	63.3	43.5	43.8	43.8
6-7 AM	875	0.0	104	0.0	1500	875	0	104	0.51	0	64.8	62.5	42.1	43.2	43.2
7-8 AM	1153	0.0	136	0.0	1500	1153	0	136	0.58	0	64.2	61.7	40.0	42.8	42.8
8-9 AM	1055	0.0	125	0.0	1500	1055	0	125	0.52	0	64.4	62.1	41.5	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	1500	1597	500	747	35.77	944	62.5	17.9	30.8	41.2	34.1
5-6 PM	2003	0.0	237	0.0	1500	1449	554	791	36.74	969	62.7	17.6	30.8	41.4	33.5
6-7 PM	1557	0.0	183	0.0	1500	1266	291	474	30.87	809	63.5	20.0	30.8	42.1	37.9
7-8 PM	1202	0.0	142	0.0	1499	1202	0	142	21.79	564	64.1	25.1	30.8	42.7	42.7
8-9 PM	993	0.0	117	0.0	1499	993	0	117	5.72	166	64.5	45.8	37.6	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

----- 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	0.0544
DIVERSION	0.0464

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$82,361
CONGESTED HOURS PER DAY*	5

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) 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

