

**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

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	1500	313	0	37	0.45	0	65.8	63.7	44.2	44.2	44.2
1-2 AM	202	0.0	24	0.0	1500	202	0	24	0.44	0	66.0	64.0	44.6	44.3	44.3
2-3 AM	155	0.0	18	0.0	1500	155	0	18	0.44	0	66.1	64.0	44.8	44.5	44.5
3-4 AM	113	0.0	14	0.0	1500	113	0	14	0.43	0	66.2	64.1	45.0	44.5	44.5
4-5 AM	159	0.0	19	0.0	1500	159	0	19	0.44	0	66.1	64.0	44.8	44.5	44.5
5-6 AM	311	0.0	37	0.0	1500	311	0	37	0.45	0	65.8	63.7	44.2	44.2	44.2
6-7 AM	573	0.0	68	0.0	1500	573	0	68	0.48	0	65.3	63.2	43.2	43.7	43.7
7-8 AM	1044	0.0	124	0.0	1499	1044	0	124	0.55	0	64.5	62.0	40.7	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	1499	1169	0	138	16.00	413	64.2	30.0	31.1	42.7	42.7
7-8 PM	998	0.0	118	0.0	1499	998	0	118	2.41	59	64.5	55.0	39.9	43.0	43.0
8-9 PM	918	0.0	108	0.0	1500	918	0	108	0.51	0	64.6	62.4	42.0	43.2	43.2
9-10 PM	888	0.0	105	0.0	1500	888	0	105	0.51	0	64.7	62.5	42.1	43.2	43.2
10-11 PM	818	0.0	96	0.0	1500	818	0	96	0.50	0	64.8	62.6	42.4	43.3	43.3
11PM-MID	554	0.0	65	0.0	1500	554	0	65	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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0551
DIVERSION	0.0526

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

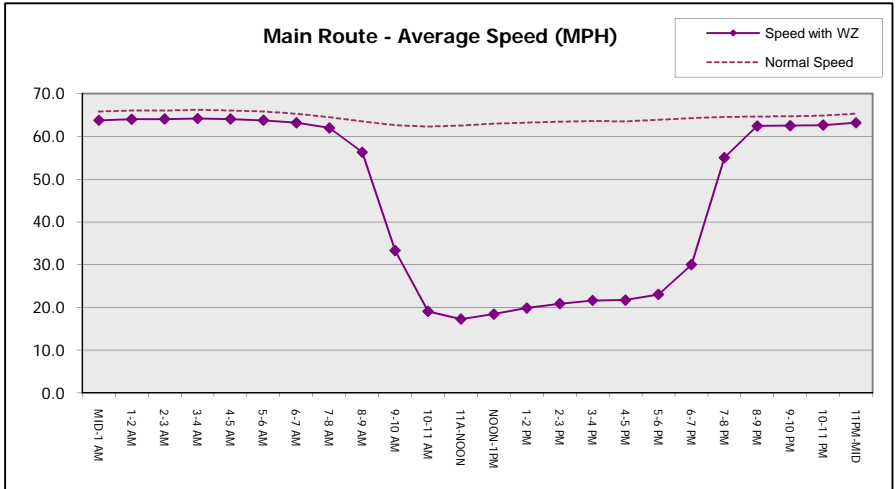
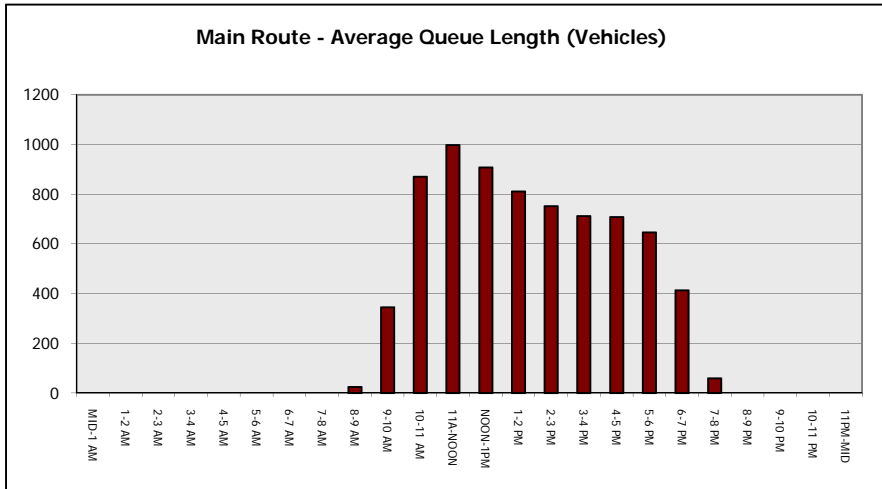
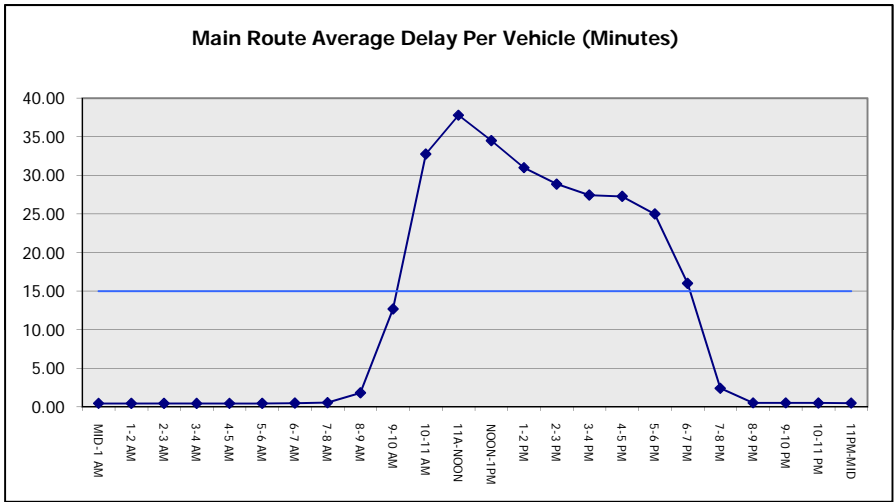
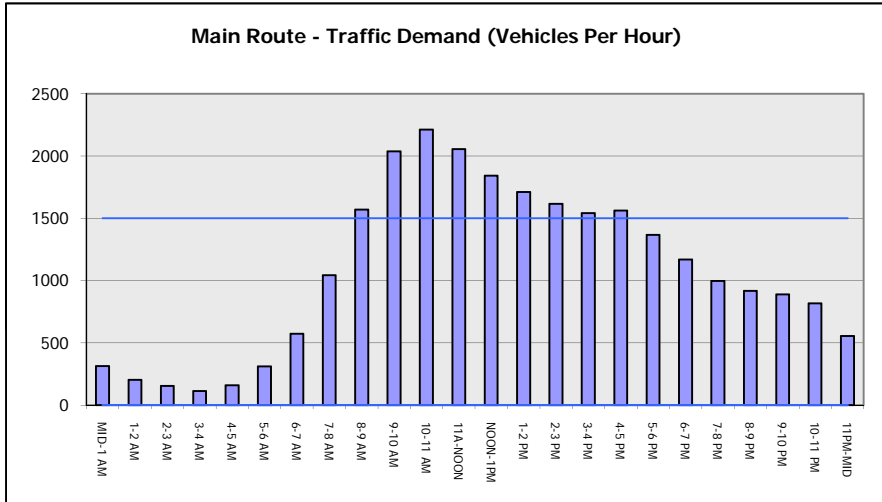
ROAD USER COSTS PER DAY (DOLLARS)	\$144,821
CONGESTED HOURS PER DAY*	9

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 26 - USH 18 - STH 67

AUGUST
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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	
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	283	0.0	33	0.0	1500	283	0	33	0.45	0	65.9	63.8	44.3	44.2	44.2
1-2 AM	144	0.0	17	0.0	1500	144	0	17	0.44	0	66.1	64.1	44.9	44.5	44.5
2-3 AM	129	0.0	15	0.0	1500	129	0	15	0.43	0	66.1	64.1	45.0	44.5	44.5
3-4 AM	122	0.0	15	0.0	1500	122	0	15	0.43	0	66.1	64.1	45.0	44.5	44.5
4-5 AM	164	0.0	19	0.0	1500	164	0	19	0.44	0	66.1	64.0	44.8	44.5	44.5
5-6 AM	235	0.0	28	0.0	1500	235	0	28	0.45	0	66.0	63.8	44.5	44.3	44.3
6-7 AM	363	0.0	43	0.0	1500	363	0	43	0.46	0	65.7	63.6	44.0	44.1	44.1
7-8 AM	580	0.0	68	0.0	1500	580	0	68	0.48	0	65.3	63.1	43.2	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	1499	1302	17	173	24.76	641	63.9	23.2	30.8	42.5	42.2
7-8 PM	1168	0.0	138	0.0	1499	1168	0	138	14.51	373	64.2	31.5	31.2	42.7	42.7
8-9 PM	1091	0.0	129	0.0	1499	1091	0	129	2.30	52	64.3	55.3	38.8	42.8	42.8
9-10 PM	946	0.0	112	0.0	1500	946	0	112	0.51	0	64.6	62.3	41.9	43.1	43.1
10-11 PM	736	0.0	87	0.0	1500	736	0	87	0.49	0	65.0	62.8	42.6	43.5	43.5
11PM-MID	530	0.0	63	0.0	1500	530	0	63	0.47	0	65.4	63.2	43.4	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	0.0577
MAIN ROUTE WITH WORKS	0.0523
DIVERSION	0.0469

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$116,502
CONGESTED HOURS PER DAY*	7

*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
SATURDAY EASTBOUND DIRECTION

