

**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
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	OFF	1571	0	185	0.00	0	63.5	63.5	63.5	42.0	42.0
9-10 AM	2037	0.0	241	0.0	OFF	2037	0	241	0.00	0	62.6	62.6	62.6	41.3	41.3
10-11 AM	2211	0.0	261	0.0	OFF	2211	0	261	0.00	0	62.3	62.3	62.3	41.0	41.0
11A-NOON	2056	0.0	243	0.0	OFF	2056	0	243	0.00	0	62.5	62.5	62.5	41.2	41.2
NOON-1PM	1843	0.0	218	0.0	OFF	1843	0	218	0.00	0	63.0	63.0	63.0	41.6	41.6
1-2 PM	1710	0.0	202	0.0	OFF	1710	0	202	0.00	0	63.2	63.2	63.2	41.9	41.9
2-3 PM	1616	0.0	191	0.0	OFF	1616	0	191	0.00	0	63.4	63.4	63.4	42.0	42.0
3-4 PM	1542	0.0	182	0.0	OFF	1542	0	182	0.00	0	63.5	63.5	63.5	42.1	42.1
4-5 PM	1561	0.0	184	0.0	OFF	1561	0	184	0.00	0	63.5	63.5	63.5	42.1	42.1
5-6 PM	1366	0.0	161	0.0	OFF	1366	0	161	0.00	0	63.8	63.8	63.8	42.4	42.4
6-7 PM	1169	0.0	138	0.0	1500	1169	0	138	0.60	0	64.2	61.6	39.5	42.7	42.7
7-8 PM	998	0.0	118	0.0	1500	998	0	118	0.52	0	64.5	62.2	41.7	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

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0609
DIVERSION	0.0319

PIA: Personal Injury Accidents

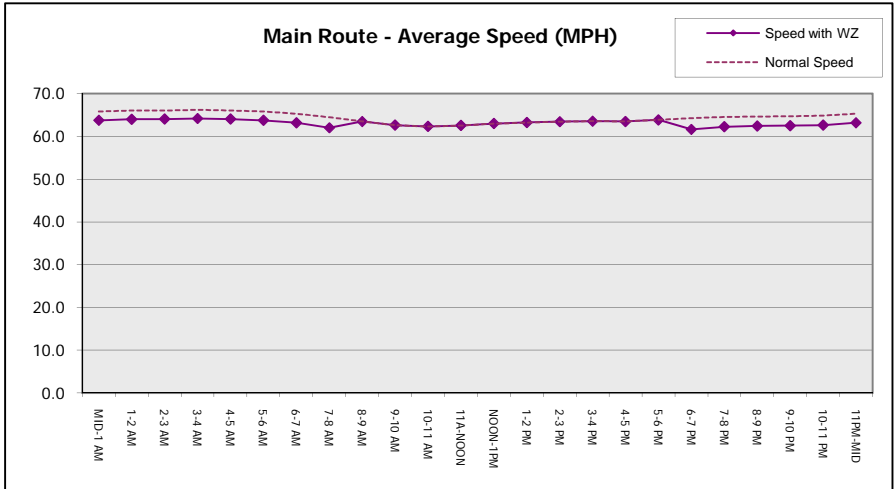
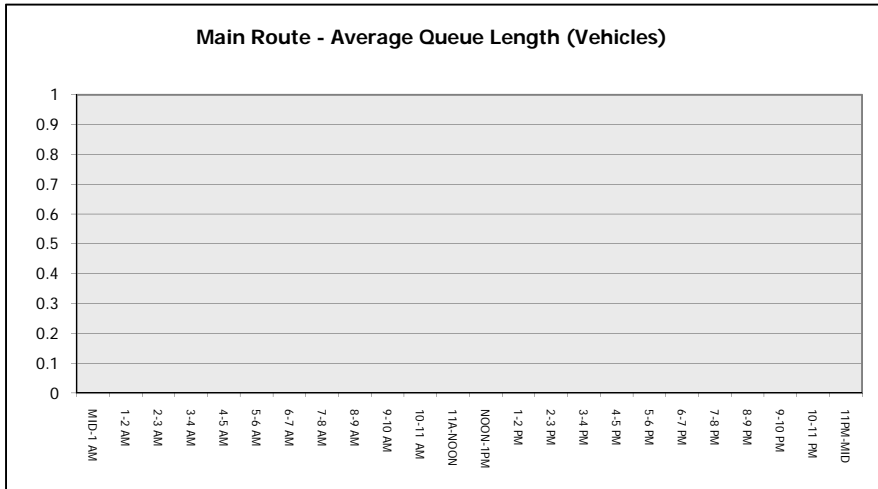
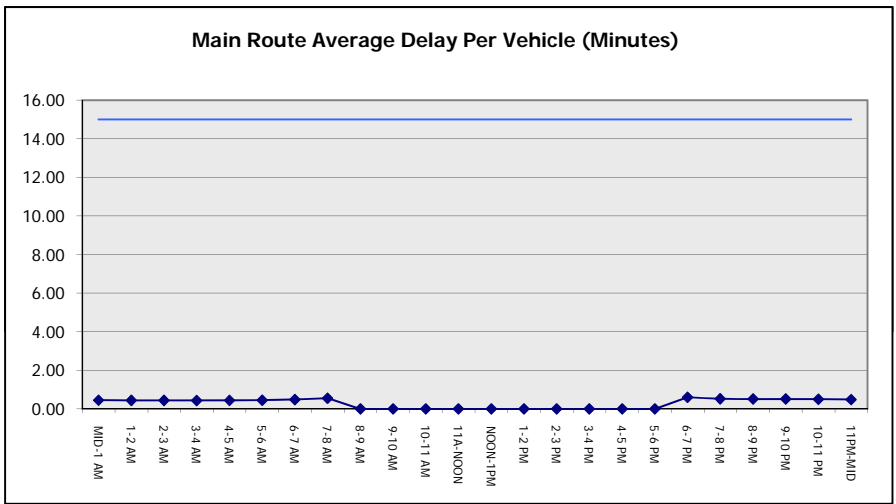
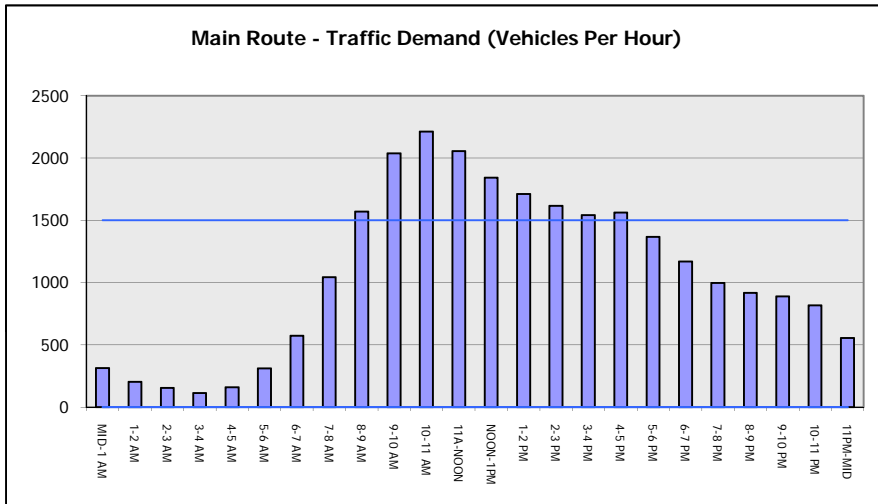
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,011
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 26 - USH 18 - STH 67

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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) NIGHTTIME 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		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	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	OFF	871	0	103	0.00	0	64.8	64.8	64.8	43.2	43.2
9-10 AM	1183	0.0	139	0.0	OFF	1183	0	139	0.00	0	64.1	64.1	64.1	42.7	42.7
10-11 AM	1497	0.0	177	0.0	OFF	1497	0	177	0.00	0	63.6	63.6	63.6	42.2	42.2
11A-NOON	1713	0.0	202	0.0	OFF	1713	0	202	0.00	0	63.2	63.2	63.2	41.9	41.9
NOON-1PM	1884	0.0	222	0.0	OFF	1884	0	222	0.00	0	62.8	62.8	62.8	41.5	41.5
1-2 PM	1947	0.0	230	0.0	OFF	1947	0	230	0.00	0	62.8	62.8	62.8	41.4	41.4
2-3 PM	1904	0.0	225	0.0	OFF	1904	0	225	0.00	0	62.8	62.8	62.8	41.5	41.5
3-4 PM	1778	0.0	209	0.0	OFF	1778	0	209	0.00	0	63.1	63.1	63.1	41.7	41.7
4-5 PM	1936	0.0	228	0.0	OFF	1936	0	228	0.00	0	62.8	62.8	62.8	41.5	41.5
5-6 PM	1629	0.0	193	0.0	OFF	1629	0	193	0.00	0	63.3	63.3	63.3	42.0	42.0
6-7 PM	1319	0.0	156	0.0	1500	1319	0	156	0.79	0	63.9	60.5	35.0	42.5	42.5
7-8 PM	1168	0.0	138	0.0	1500	1168	0	138	0.59	0	64.2	61.6	39.5	42.7	42.7
8-9 PM	1091	0.0	129	0.0	1500	1091	0	129	0.53	0	64.3	62.0	41.4	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

"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	0.0571
DIVERSION	0.0299

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,035
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME 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 EASTBOUND DIRECTION

