

**IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES)
NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 26 - USH 18 - STH 67**

MAY
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	191	0.0	23	0.0	1500	191	0	23	0.44	0	66.0	64.0	44.7	44.4	44.4
1-2 AM	137	0.0	16	0.0	1500	137	0	16	0.44	0	66.1	64.1	45.0	44.5	44.5
2-3 AM	127	0.0	15	0.0	1500	127	0	15	0.43	0	66.1	64.1	45.0	44.5	44.5
3-4 AM	142	0.0	17	0.0	1500	142	0	17	0.44	0	66.1	64.1	44.9	44.5	44.5
4-5 AM	227	0.0	27	0.0	1500	227	0	27	0.44	0	66.0	63.9	44.6	44.3	44.3
5-6 AM	562	0.0	66	0.0	OFF	562	0	66	0.00	0	65.3	65.3	65.3	43.8	43.8
6-7 AM	1052	0.0	124	0.0	OFF	1052	0	124	0.00	0	64.4	64.4	64.4	42.9	42.9
7-8 AM	1401	0.0	165	0.0	OFF	1401	0	165	0.00	0	63.8	63.8	63.8	42.4	42.4
8-9 AM	1425	0.0	168	0.0	OFF	1425	0	168	0.00	0	63.7	63.7	63.7	42.3	42.3
9-10 AM	1545	0.0	182	0.0	OFF	1545	0	182	0.00	0	63.5	63.5	63.5	42.1	42.1
10-11 AM	1486	0.0	175	0.0	OFF	1486	0	175	0.00	0	63.6	63.6	63.6	42.2	42.2
11A-NOON	1624	0.0	191	0.0	OFF	1624	0	191	0.00	0	63.3	63.3	63.3	42.0	42.0
NOON-1PM	1649	0.0	195	0.0	OFF	1649	0	195	0.00	0	63.3	63.3	63.3	41.9	41.9
1-2 PM	1802	0.0	212	0.0	OFF	1802	0	212	0.00	0	63.0	63.0	63.0	41.7	41.7
2-3 PM	1973	0.0	232	0.0	OFF	1973	0	232	0.00	0	62.7	62.7	62.7	41.4	41.4
3-4 PM	2150	0.0	253	0.0	OFF	2150	0	253	0.00	0	62.3	62.3	62.3	41.1	41.1
4-5 PM	2405	0.0	283	0.0	OFF	2405	0	283	0.00	0	61.9	61.9	61.9	40.7	40.7
5-6 PM	2378	0.0	280	0.0	OFF	2378	0	280	0.00	0	62.0	62.0	62.0	40.7	40.7
6-7 PM	1889	0.0	223	0.0	OFF	1889	0	223	0.00	0	62.8	62.8	62.8	41.5	41.5
7-8 PM	1196	0.0	141	0.0	1500	1196	0	141	0.63	0	64.1	61.4	38.6	42.7	42.7
8-9 PM	860	0.0	101	0.0	1500	860	0	101	0.51	0	64.8	62.5	42.2	43.3	43.3
9-10 PM	698	0.0	83	0.0	1500	698	0	83	0.49	0	65.1	62.8	42.8	43.5	43.5
10-11 PM	707	0.0	84	0.0	1500	707	0	84	0.49	0	65.1	62.8	42.7	43.5	43.5
11PM-MID	420	0.0	49	0.0	1500	420	0	49	0.46	0	65.6	63.5	43.8	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	0.0670
MAIN ROUTE WITH WORKS	0.0666
DIVERSION	0.0347

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$525
CONGESTED HOURS PER DAY*	0

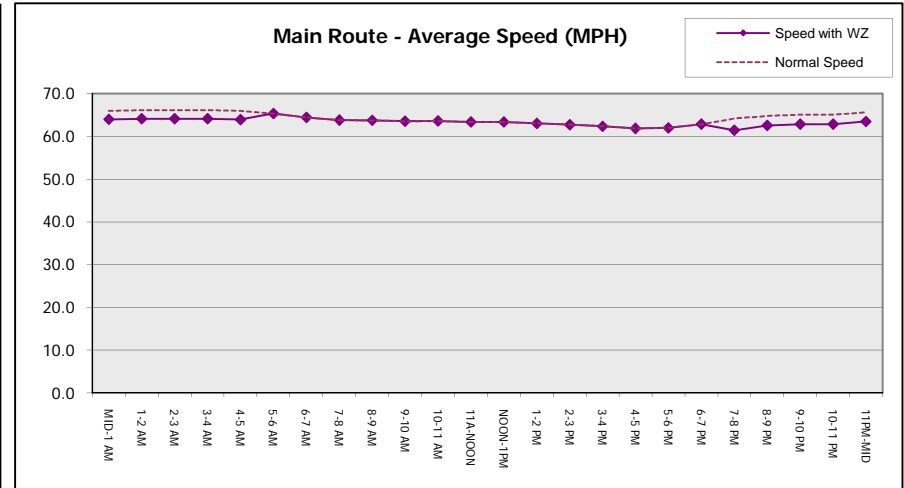
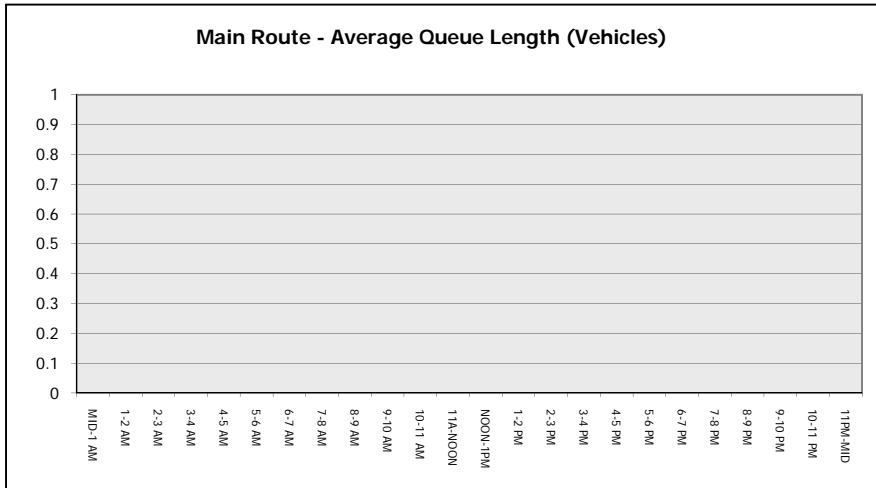
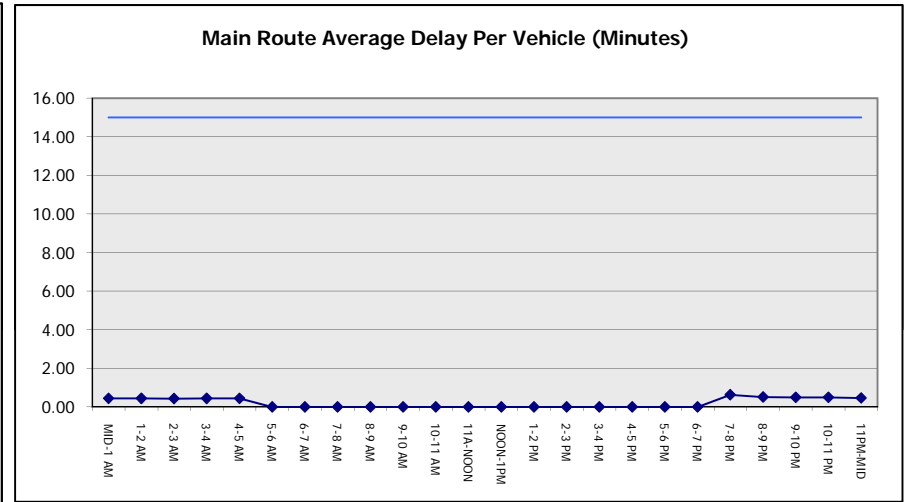
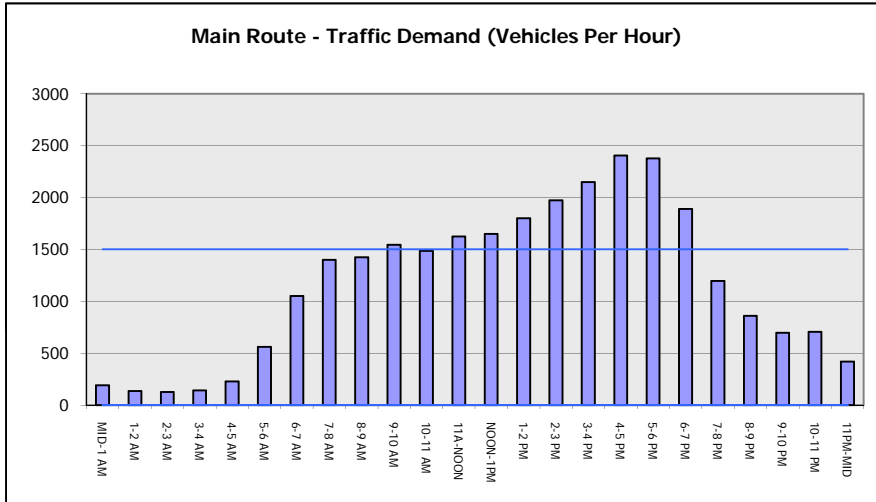
*Delays Exceeding 15 Minutes

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DIVERSION ROUTE: STH 26 - USH 18 - STH 67

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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	MAY
	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	148	0.0	18	0.0	1500	148	0	18	0.44	0	66.1	64.0	44.9	44.5	44.5
1-2 AM	132	0.0	16	0.0	1500	132	0	16	0.44	0	66.1	64.1	45.0	44.5	44.5
2-3 AM	122	0.0	15	0.0	1500	122	0	15	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	306	0.0	36	0.0	1500	306	0	36	0.45	0	65.8	63.7	44.3	44.2	44.2
5-6 AM	607	0.0	71	0.0	OFF	607	0	71	0.00	0	65.3	65.3	65.3	43.7	43.7
6-7 AM	940	0.0	111	0.0	OFF	940	0	111	0.00	0	64.6	64.6	64.6	43.2	43.2
7-8 AM	1126	0.0	133	0.0	OFF	1126	0	133	0.00	0	64.3	64.3	64.3	42.8	42.8
8-9 AM	994	0.0	117	0.0	OFF	994	0	117	0.00	0	64.5	64.5	64.5	43.0	43.0
9-10 AM	979	0.0	115	0.0	OFF	979	0	115	0.00	0	64.6	64.6	64.6	43.1	43.1
10-11 AM	1003	0.0	118	0.0	OFF	1003	0	118	0.00	0	64.5	64.5	64.5	43.0	43.0
11A-NOON	1120	0.0	132	0.0	OFF	1120	0	132	0.00	0	64.3	64.3	64.3	42.8	42.8
NOON-1PM	1342	0.0	158	0.0	OFF	1342	0	158	0.00	0	63.9	63.9	63.9	42.5	42.5
1-2 PM	1471	0.0	174	0.0	OFF	1471	0	174	0.00	0	63.7	63.7	63.7	42.2	42.2
2-3 PM	1648	0.0	195	0.0	OFF	1648	0	195	0.00	0	63.3	63.3	63.3	41.9	41.9
3-4 PM	1850	0.0	219	0.0	OFF	1850	0	219	0.00	0	63.0	63.0	63.0	41.6	41.6
4-5 PM	2017	0.0	237	0.0	OFF	2017	0	237	0.00	0	62.6	62.6	62.6	41.4	41.4
5-6 PM	1833	0.0	217	0.0	OFF	1833	0	217	0.00	0	63.0	63.0	63.0	41.6	41.6
6-7 PM	1309	0.0	155	0.0	OFF	1309	0	155	0.00	0	64.0	64.0	64.0	42.5	42.5
7-8 PM	1031	0.0	121	0.0	1500	1031	0	121	0.52	0	64.5	62.2	41.5	43.0	43.0
8-9 PM	912	0.0	108	0.0	1500	912	0	108	0.51	0	64.7	62.4	42.0	43.2	43.2
9-10 PM	736	0.0	87	0.0	1500	736	0	87	0.49	0	65.0	62.8	42.6	43.5	43.5
10-11 PM	568	0.0	67	0.0	1500	568	0	67	0.48	0	65.3	63.2	43.2	43.8	43.8
11PM-MID	347	0.0	41	0.0	1500	347	0	41	0.46	0	65.8	63.6	44.1	44.2	44.2

"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	0.0542
MAIN ROUTE WITH WORKS	0.0539
DIVERSION	0.0281

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$469
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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FRIDAY EASTBOUND DIRECTION

