

IH 94: STH 26 TO STH 67 (JEFFERSON AND WAUKESHA COUNTIES) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 26 - USH 18 - STH 67	OCTOBER
	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	260	0.0	31	0.0	1500	260	0	31	0.45	0	65.9	63.8	44.5	44.3	44.3
1-2 AM	168	0.0	20	0.0	1500	168	0	20	0.44	0	66.1	64.0	44.8	44.4	44.4
2-3 AM	147	0.0	17	0.0	1500	147	0	17	0.44	0	66.1	64.0	44.9	44.5	44.5
3-4 AM	132	0.0	16	0.0	1500	132	0	16	0.44	0	66.1	64.1	45.0	44.5	44.5
4-5 AM	184	0.0	22	0.0	1500	184	0	22	0.44	0	66.0	64.0	44.8	44.4	44.4
5-6 AM	297	0.0	35	0.0	1500	297	0	35	0.45	0	65.8	63.7	44.3	44.2	44.2
6-7 AM	595	0.0	70	0.0	1500	595	0	70	0.48	0	65.3	63.1	43.2	43.7	43.7
7-8 AM	1476	0.0	174	0.0	1499	1476	0	174	1.83	30	63.7	56.3	34.5	42.2	42.2
8-9 AM	2772	0.0	327	0.0	OFF	2772	0	327	0.44	6	58.1	56.5	56.5	40.1	40.1
9-10 AM	2470	0.0	291	0.0	OFF	2470	0	291	0.00	0	61.2	61.2	61.2	40.6	40.6
10-11 AM	1863	0.0	220	0.0	OFF	1863	0	220	0.00	0	62.9	62.9	62.9	41.6	41.6
11A-NOON	1543	0.0	182	0.0	OFF	1543	0	182	0.00	0	63.5	63.5	63.5	42.1	42.1
NOON-1PM	1455	0.0	172	0.0	OFF	1455	0	172	0.00	0	63.7	63.7	63.7	42.3	42.3
1-2 PM	1409	0.0	166	0.0	OFF	1409	0	166	0.00	0	63.8	63.8	63.8	42.4	42.4
2-3 PM	1356	0.0	160	0.0	OFF	1356	0	160	0.00	0	63.8	63.8	63.8	42.4	42.4
3-4 PM	1374	0.0	162	0.0	OFF	1374	0	162	0.00	0	63.8	63.8	63.8	42.4	42.4
4-5 PM	1358	0.0	160	0.0	OFF	1358	0	160	0.00	0	63.8	63.8	63.8	42.4	42.4
5-6 PM	1186	0.0	140	0.0	OFF	1186	0	140	0.00	0	64.1	64.1	64.1	42.7	42.7
6-7 PM	922	0.0	109	0.0	1500	922	0	109	0.51	0	64.6	62.3	42.0	43.2	43.2
7-8 PM	753	0.0	89	0.0	1500	753	0	89	0.50	0	65.0	62.7	42.5	43.5	43.5
8-9 PM	681	0.0	80	0.0	1500	681	0	80	0.49	0	65.1	62.9	42.8	43.6	43.6
9-10 PM	566	0.0	67	0.0	1500	566	0	67	0.48	0	65.3	63.2	43.3	43.8	43.8
10-11 PM	490	0.0	58	0.0	1500	490	0	58	0.47	0	65.5	63.3	43.5	43.9	43.9
11PM-MID	382	0.0	45	0.0	1500	382	0	45	0.46	0	65.7	63.5	44.0	44.1	44.1

"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	0.0569
MAIN ROUTE WITH WORKS	0.0564
DIVERSION	0.0296

PIA: Personal Injury Accidents

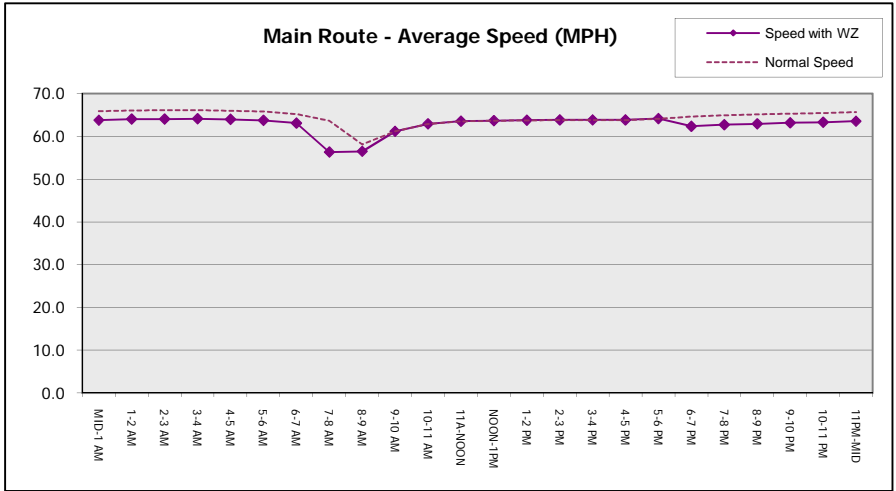
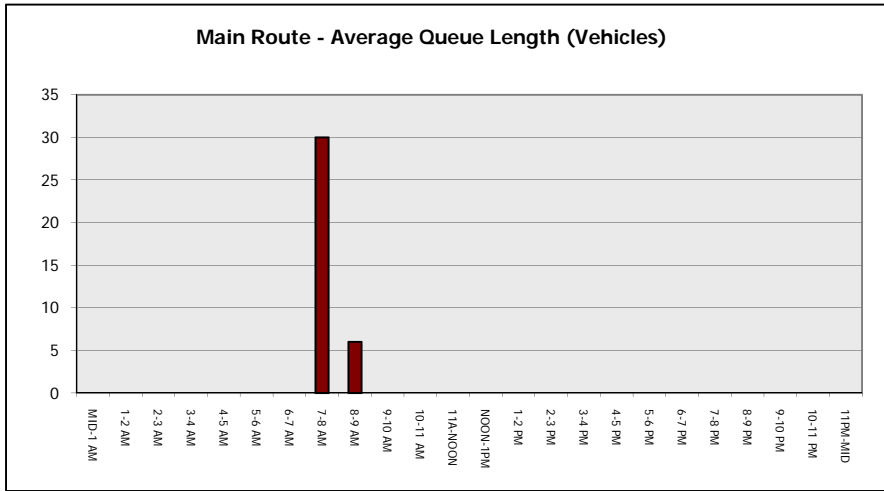
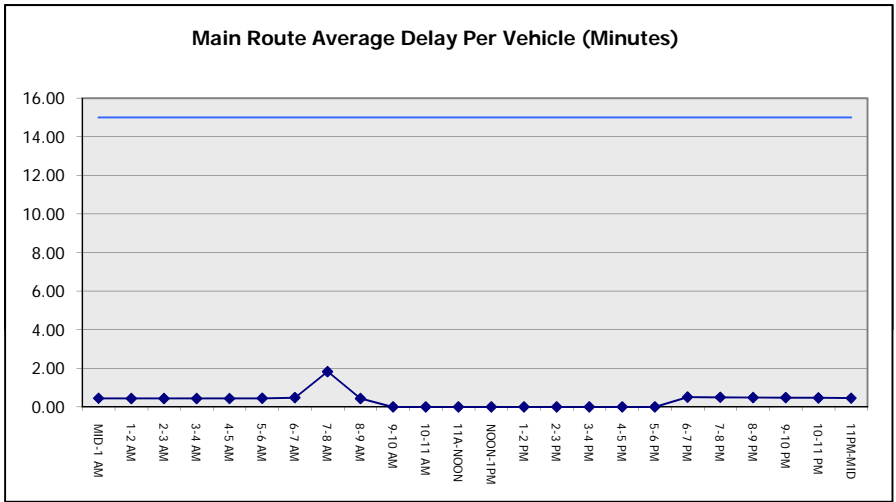
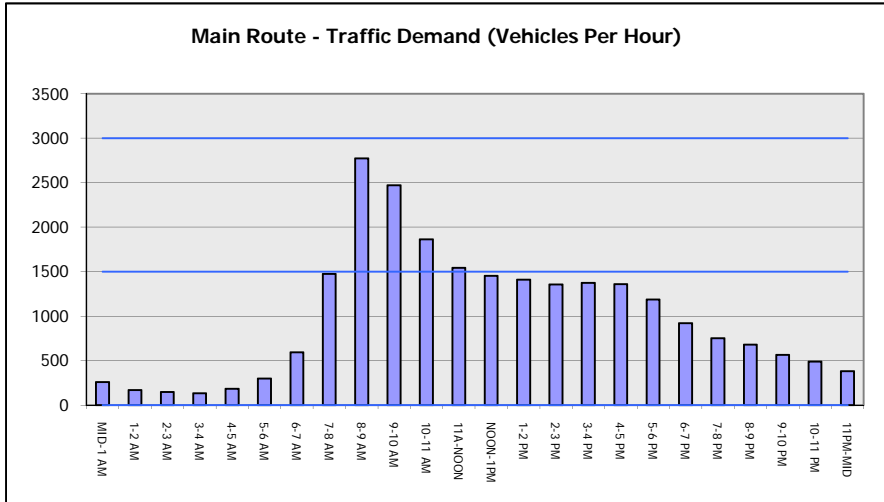
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,265
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

OCTOBER
 Analyzed for 2009
 Construction Season

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	OCTOBER
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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	195	0.0	23	0.0	1500	195	0	23	0.44	0	66.0	64.0	44.7	44.4	44.4
1-2 AM	119	0.0	14	0.0	1500	119	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
2-3 AM	98	0.0	12	0.0	1500	98	0	12	0.43	0	66.2	64.1	45.1	44.5	44.5
3-4 AM	122	0.0	14	0.0	1500	122	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
4-5 AM	132	0.0	16	0.0	1500	132	0	16	0.44	0	66.1	64.1	45.0	44.5	44.5
5-6 AM	225	0.0	27	0.0	1500	225	0	27	0.44	0	66.0	63.9	44.6	44.3	44.3
6-7 AM	298	0.0	35	0.0	1500	298	0	35	0.45	0	65.8	63.7	44.3	44.2	44.2
7-8 AM	479	0.0	57	0.0	1500	479	0	57	0.47	0	65.5	63.3	43.6	43.9	43.9
8-9 AM	735	0.0	87	0.0	OFF	735	0	87	0.00	0	65.0	65.0	65.0	43.5	43.5
9-10 AM	928	0.0	109	0.0	OFF	928	0	109	0.00	0	64.6	64.6	64.6	43.2	43.2
10-11 AM	1182	0.0	139	0.0	OFF	1182	0	139	0.00	0	64.2	64.2	64.2	42.7	42.7
11A-NOON	1311	0.0	155	0.0	OFF	1311	0	155	0.00	0	64.0	64.0	64.0	42.5	42.5
NOON-1PM	1345	0.0	159	0.0	OFF	1345	0	159	0.00	0	63.9	63.9	63.9	42.5	42.5
1-2 PM	1426	0.0	168	0.0	OFF	1426	0	168	0.00	0	63.7	63.7	63.7	42.3	42.3
2-3 PM	1823	0.0	215	0.0	OFF	1823	0	215	0.00	0	63.0	63.0	63.0	41.7	41.7
3-4 PM	2370	0.0	280	0.0	OFF	2370	0	280	0.00	0	62.0	62.0	62.0	40.7	40.7
4-5 PM	2415	0.0	285	0.0	OFF	2415	0	285	0.00	0	61.8	61.8	61.8	40.7	40.7
5-6 PM	1960	0.0	231	0.0	OFF	1960	0	231	0.00	0	62.7	62.7	62.7	41.4	41.4
6-7 PM	1536	0.0	181	0.0	1499	1536	0	181	2.56	41	63.5	53.8	30.8	42.1	42.1
7-8 PM	1201	0.0	142	0.0	1500	1201	0	142	0.75	2	64.1	60.9	38.4	42.7	42.7
8-9 PM	908	0.0	107	0.0	1500	908	0	107	0.51	0	64.7	62.4	42.0	43.2	43.2
9-10 PM	746	0.0	88	0.0	1500	746	0	88	0.49	0	65.0	62.7	42.6	43.5	43.5
10-11 PM	690	0.0	81	0.0	1500	690	0	81	0.49	0	65.1	62.8	42.8	43.5	43.5
11PM-MID	369	0.0	43	0.0	1500	369	0	43	0.46	0	65.7	63.6	44.0	44.1	44.1

"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	0.0540
MAIN ROUTE WITH WORKS	0.0535
DIVERSION	0.0280

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,328
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

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

