

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

SUNDAY 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	241	0.0	28	0.0	1500	241	0	28	0.45	0	66.0	63.8	44.5	44.3	44.3
1-2 AM	123	0.0	14	0.0	1500	123	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
2-3 AM	87	0.0	10	0.0	1500	87	0	10	0.43	0	66.2	64.2	45.1	44.6	44.6
3-4 AM	69	0.0	8	0.0	1500	69	0	8	0.43	0	66.3	64.2	45.2	44.6	44.6
4-5 AM	91	0.0	11	0.0	1500	91	0	11	0.43	0	66.2	64.1	45.1	44.5	44.5
5-6 AM	127	0.0	15	0.0	1500	127	0	15	0.43	0	66.1	64.1	45.0	44.5	44.5
6-7 AM	217	0.0	26	0.0	1500	217	0	26	0.44	0	66.0	63.9	44.6	44.3	44.3
7-8 AM	354	0.0	42	0.0	1500	354	0	42	0.46	0	65.7	63.6	44.1	44.1	44.1
8-9 AM	608	0.0	72	0.0	1500	608	0	72	0.48	0	65.3	63.0	43.1	43.7	43.7
9-10 AM	961	0.0	113	0.0	OFF	961	0	113	0.00	0	64.6	64.6	64.6	43.1	43.1
10-11 AM	1313	0.0	155	0.0	OFF	1313	0	155	0.00	0	64.0	64.0	64.0	42.5	42.5
11A-NOON	1494	0.0	176	0.0	OFF	1494	0	176	0.00	0	63.6	63.6	63.6	42.2	42.2
NOON-1PM	1514	0.0	179	0.0	OFF	1514	0	179	0.00	0	63.6	63.6	63.6	42.2	42.2
1-2 PM	1527	0.0	180	0.0	OFF	1527	0	180	0.00	0	63.5	63.5	63.5	42.2	42.2
2-3 PM	1481	0.0	175	0.0	OFF	1481	0	175	0.00	0	63.7	63.7	63.7	42.2	42.2
3-4 PM	1449	0.0	171	0.0	OFF	1449	0	171	0.00	0	63.7	63.7	63.7	42.3	42.3
4-5 PM	1528	0.0	180	0.0	OFF	1528	0	180	0.00	0	63.5	63.5	63.5	42.2	42.2
5-6 PM	1401	0.0	165	0.0	OFF	1401	0	165	0.00	0	63.8	63.8	63.8	42.4	42.4
6-7 PM	1153	0.0	136	0.0	OFF	1153	0	136	0.00	0	64.2	64.2	64.2	42.8	42.8
7-8 PM	973	0.0	115	0.0	1500	973	0	115	0.52	0	64.6	62.3	41.8	43.1	43.1
8-9 PM	752	0.0	89	0.0	1500	752	0	89	0.50	0	65.0	62.7	42.5	43.5	43.5
9-10 PM	522	0.0	62	0.0	1500	522	0	62	0.47	0	65.4	63.2	43.4	43.8	43.8
10-11 PM	360	0.0	42	0.0	1500	360	0	42	0.46	0	65.7	63.6	44.0	44.1	44.1
11PM-MID	224	0.0	26	0.0	1500	224	0	26	0.44	0	66.0	63.9	44.6	44.3	44.3

"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	0.0443
MAIN ROUTE WITH WORKS	0.0440
DIVERSION	0.0230

PIA: Personal Injury Accidents

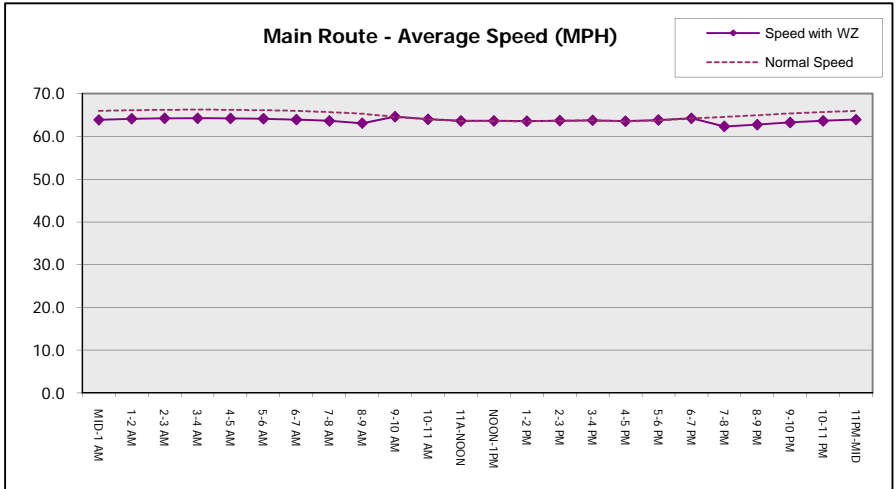
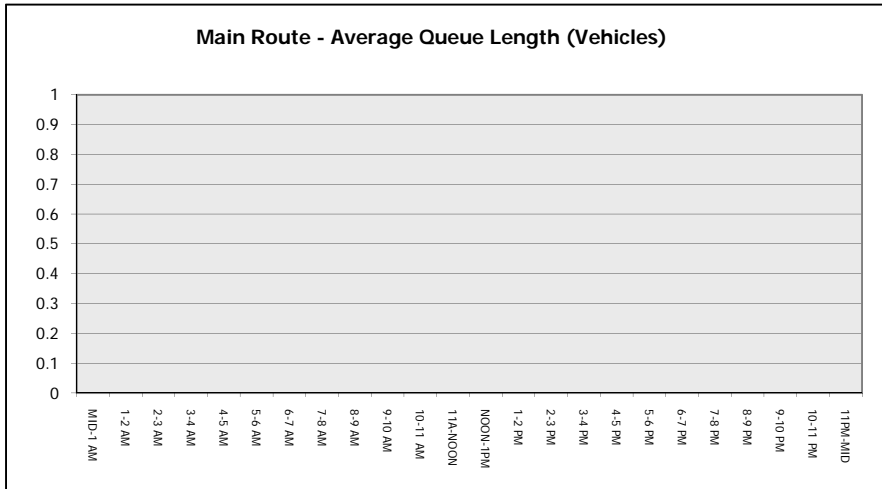
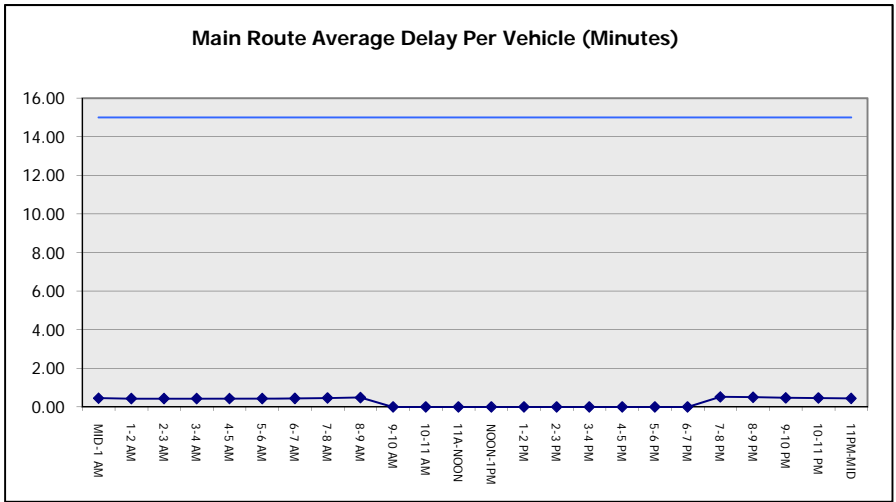
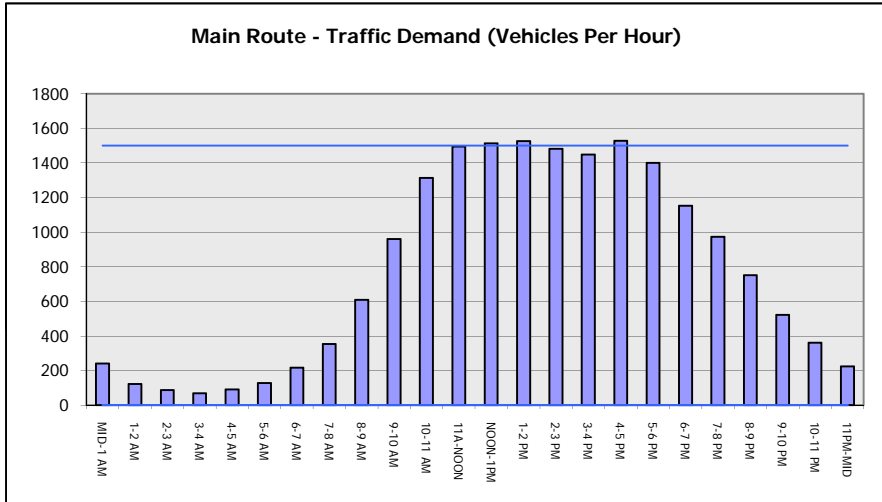
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$570
CONGESTED HOURS PER DAY*	0

*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
SUNDAY 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	
SUNDAY	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	212	0.0	25	0.0	1500	212	0	25	0.44	0	66.0	63.9	44.6	44.3	44.3
1-2 AM	149	0.0	18	0.0	1500	149	0	18	0.44	0	66.1	64.0	44.9	44.5	44.5
2-3 AM	121	0.0	14	0.0	1500	121	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
3-4 AM	99	0.0	12	0.0	1500	99	0	12	0.43	0	66.2	64.1	45.1	44.5	44.5
4-5 AM	88	0.0	10	0.0	1500	88	0	10	0.43	0	66.2	64.2	45.1	44.6	44.6
5-6 AM	119	0.0	14	0.0	1500	119	0	14	0.43	0	66.1	64.1	45.0	44.5	44.5
6-7 AM	166	0.0	20	0.0	1500	166	0	20	0.44	0	66.1	64.0	44.8	44.4	44.4
7-8 AM	258	0.0	30	0.0	1500	258	0	30	0.45	0	65.9	63.8	44.5	44.3	44.3
8-9 AM	522	0.0	62	0.0	1500	522	0	62	0.47	0	65.4	63.2	43.4	43.8	43.8
9-10 AM	864	0.0	102	0.0	OFF	864	0	102	0.00	0	64.8	64.8	64.8	43.3	43.3
10-11 AM	1367	0.0	161	0.0	OFF	1367	0	161	0.00	0	63.8	63.8	63.8	42.4	42.4
11A-NOON	1839	0.0	217	0.0	OFF	1839	0	217	0.00	0	63.0	63.0	63.0	41.6	41.6
NOON-1PM	2038	0.0	240	0.0	OFF	2038	0	240	0.00	0	62.6	62.6	62.6	41.3	41.3
1-2 PM	2084	0.0	246	0.0	OFF	2084	0	246	0.00	0	62.5	62.5	62.5	41.2	41.2
2-3 PM	2134	0.0	252	0.0	OFF	2134	0	252	0.00	0	62.4	62.4	62.4	41.1	41.1
3-4 PM	2330	0.0	275	0.0	OFF	2330	0	275	0.00	0	62.0	62.0	62.0	40.8	40.8
4-5 PM	2508	0.0	296	0.0	OFF	2508	0	296	0.00	0	60.8	60.8	60.8	40.5	40.5
5-6 PM	2680	0.0	316	0.0	OFF	2680	0	316	0.00	0	59.1	59.1	59.1	40.2	40.2
6-7 PM	2133	0.0	252	0.0	OFF	2133	0	252	0.00	0	62.4	62.4	62.4	41.1	41.1
7-8 PM	1687	0.0	199	0.0	1499	1687	0	199	5.23	118	63.2	46.3	30.8	41.9	41.9
8-9 PM	1330	0.0	157	0.0	1499	1330	0	157	5.47	126	63.9	46.0	32.4	42.5	42.5
9-10 PM	904	0.0	107	0.0	1500	904	0	107	0.52	0	64.7	62.3	42.0	43.2	43.2
10-11 PM	528	0.0	62	0.0	1500	528	0	62	0.47	0	65.4	63.2	43.4	43.8	43.8
11PM-MID	274	0.0	32	0.0	1500	274	0	32	0.45	0	65.9	63.8	44.4	44.3	44.3

"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	0.0631
MAIN ROUTE WITH WORKS	0.0627
DIVERSION	0.0328

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$4,461
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
SUNDAY EASTBOUND DIRECTION

