

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	AUGUST
	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	370	0.0	42	0.0	1500	370	0	42	0.46	0	65.7	57.6	44.0	29.4	29.4
1-2 AM	231	0.0	26	0.0	1500	231	0	26	0.44	0	66.0	58.1	44.6	29.6	29.6
2-3 AM	187	0.0	21	0.0	1500	187	0	21	0.44	0	66.0	58.2	44.7	29.6	29.6
3-4 AM	202	0.0	23	0.0	1500	202	0	23	0.44	0	66.0	58.1	44.6	29.6	29.6
4-5 AM	293	0.0	33	0.0	1500	293	0	33	0.45	0	65.8	57.9	44.3	29.5	29.5
5-6 AM	683	0.0	77	0.0	OFF	683	0	77	0.00	0	65.1	65.1	65.1	29.1	29.1
6-7 AM	1473	0.0	166	0.0	OFF	1473	0	166	0.00	0	63.7	63.7	63.7	28.3	28.3
7-8 AM	2005	0.0	226	0.0	OFF	2005	0	226	0.00	0	62.7	62.7	62.7	27.6	27.6
8-9 AM	2220	0.0	250	0.0	OFF	2220	0	250	0.00	0	62.2	62.2	62.2	27.4	27.4
9-10 AM	2158	0.0	243	0.0	OFF	2158	0	243	0.00	0	62.3	62.3	62.3	27.5	27.5
10-11 AM	2479	0.0	279	0.0	OFF	2479	0	279	0.00	0	61.1	61.1	61.1	27.1	27.1
11A-NOON	2541	0.0	287	0.0	OFF	2541	0	287	0.00	0	60.5	60.5	60.5	27.1	27.1
NOON-1PM	2794	0.0	315	0.0	OFF	2794	0	315	0.00	0	57.9	57.9	57.9	26.8	26.8
1-2 PM	2801	0.0	316	0.0	OFF	2801	0	316	0.00	0	57.8	57.8	57.8	26.8	26.8
2-3 PM	3208	0.0	362	0.0	OFF	3208	0	362	0.00	0	53.7	53.7	53.7	26.4	26.4
3-4 PM	3675	0.0	414	0.0	OFF	3675	0	414	0.00	0	48.9	48.9	48.9	25.9	25.9
4-5 PM	3458	0.0	390	0.0	OFF	3458	0	390	0.00	0	51.0	51.0	51.0	26.1	26.1
5-6 PM	3330	0.0	376	0.0	OFF	3330	0	376	0.00	0	52.4	52.4	52.4	26.3	26.3
6-7 PM	3142	0.0	355	0.0	OFF	3142	0	355	0.00	0	54.3	54.3	54.3	26.5	26.5
7-8 PM	2121	0.0	240	0.0	1499	2014	107	347	12.16	339	62.4	14.1	30.8	27.5	26.6
8-9 PM	1574	0.0	178	0.0	1499	1401	173	351	17.94	457	63.5	10.4	30.8	28.1	26.6
9-10 PM	1310	0.0	148	0.0	1499	1310	0	148	13.23	335	64.0	13.0	30.8	28.4	28.4
10-11 PM	1074	0.0	121	0.0	1499	1074	0	121	2.11	67	64.4	39.5	38.4	28.6	28.6
11PM-MID	884	0.0	99	0.0	1500	884	0	99	0.51	0	64.7	56.2	42.1	28.9	28.9

"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	0.0253
MAIN ROUTE WITH WORKS	0.0246
DIVERSION	0.0582

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$18,914
CONGESTED HOURS PER DAY*	1

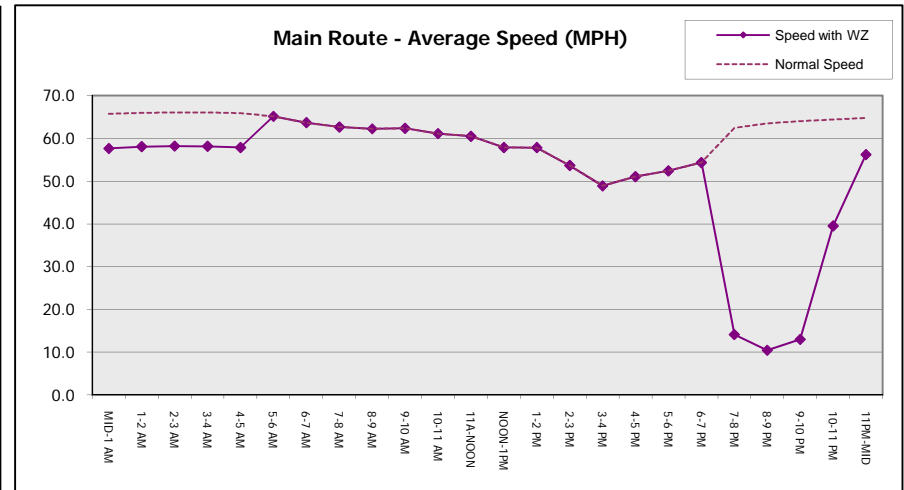
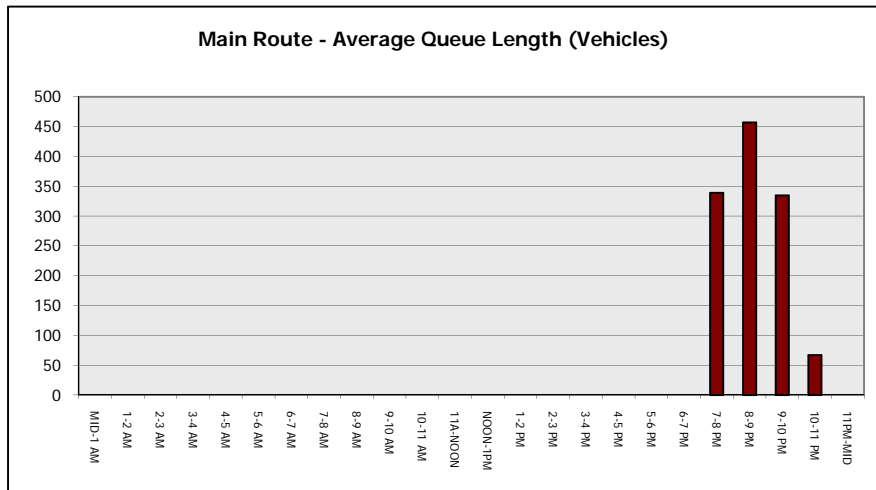
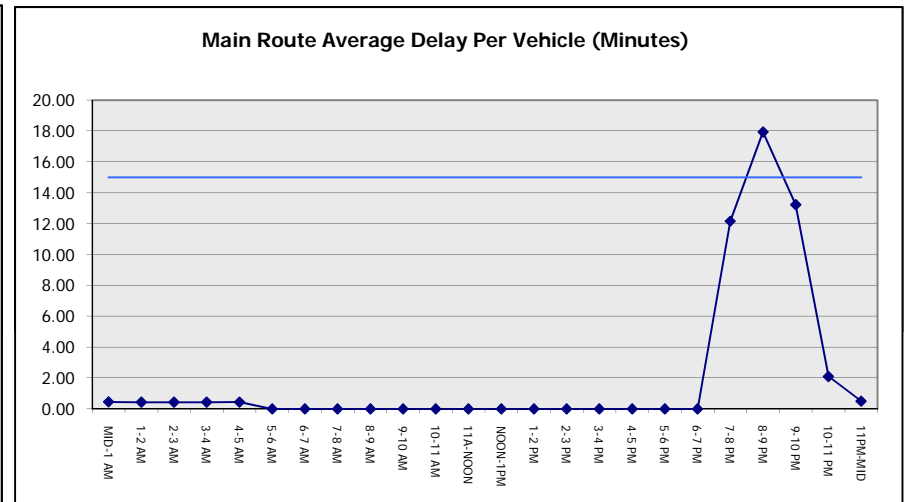
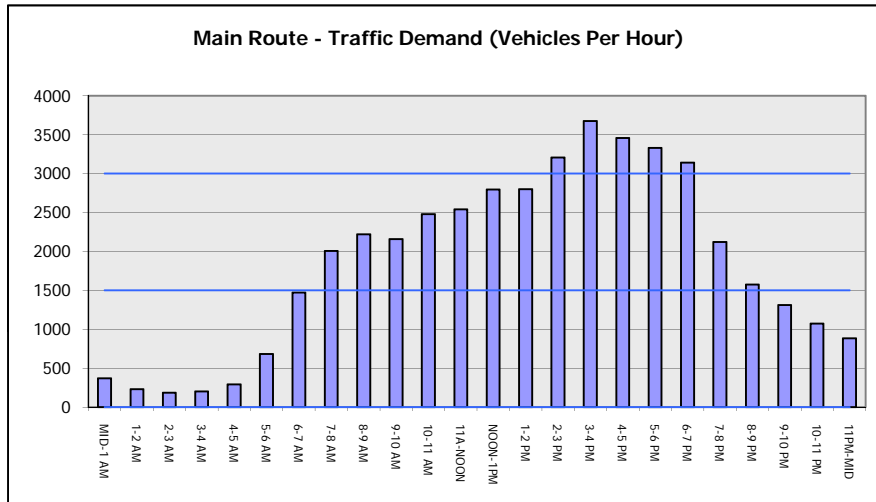
*Delays Exceeding 15 Minutes

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)
NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

AUGUST
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY WESTBOUND DIRECTION



IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	AUGUST
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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		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	308	0.0	35	0.0	1500	308	0	35	0.45	0	65.8	57.8	44.3	29.5	29.5
1-2 AM	198	0.0	22	0.0	1500	198	0	22	0.44	0	66.0	58.1	44.7	29.6	29.6
2-3 AM	174	0.0	20	0.0	1500	174	0	20	0.44	0	66.1	58.2	44.8	29.6	29.6
3-4 AM	198	0.0	22	0.0	1500	198	0	22	0.44	0	66.0	58.1	44.7	29.6	29.6
4-5 AM	382	0.0	43	0.0	1500	382	0	43	0.46	0	65.7	57.6	44.0	29.4	29.4
5-6 AM	1013	0.0	114	0.0	OFF	1013	0	114	0.00	0	64.5	64.5	64.5	28.8	28.8
6-7 AM	2056	0.0	232	0.0	OFF	2056	0	232	0.00	0	62.5	62.5	62.5	27.6	27.6
7-8 AM	2969	0.0	335	0.0	OFF	2969	0	335	0.00	0	56.1	56.1	56.1	26.6	26.6
8-9 AM	2444	0.0	275	0.0	OFF	2444	0	275	0.00	0	61.5	61.5	61.5	27.2	27.2
9-10 AM	2095	0.0	237	0.0	OFF	2095	0	237	0.00	0	62.5	62.5	62.5	27.6	27.6
10-11 AM	2141	0.0	242	0.0	OFF	2141	0	242	0.00	0	62.4	62.4	62.4	27.5	27.5
11A-NOON	2162	0.0	244	0.0	OFF	2162	0	244	0.00	0	62.3	62.3	62.3	27.5	27.5
NOON-1PM	2215	0.0	250	0.0	OFF	2215	0	250	0.00	0	62.3	62.3	62.3	27.4	27.4
1-2 PM	2336	0.0	264	0.0	OFF	2336	0	264	0.00	0	62.0	62.0	62.0	27.3	27.3
2-3 PM	2480	0.0	279	0.0	OFF	2480	0	279	0.00	0	61.1	61.1	61.1	27.1	27.1
3-4 PM	2577	0.0	291	0.0	OFF	2577	0	291	0.00	0	60.1	60.1	60.1	27.1	27.1
4-5 PM	2645	0.0	298	0.0	OFF	2645	0	298	0.00	0	59.4	59.4	59.4	27.0	27.0
5-6 PM	2627	0.0	296	0.0	OFF	2627	0	296	0.00	0	59.6	59.6	59.6	27.0	27.0
6-7 PM	2104	0.0	238	0.0	OFF	2104	0	238	0.00	0	62.5	62.5	62.5	27.6	27.6
7-8 PM	1660	0.0	187	0.0	1499	1660	0	187	4.49	100	63.3	27.3	30.8	28.0	28.0
8-9 PM	1428	0.0	161	0.0	1499	1428	0	161	5.88	132	63.7	23.3	30.8	28.3	28.3
9-10 PM	1382	0.0	156	0.0	1500	1382	0	156	2.37	45	63.8	37.5	32.4	28.3	28.3
10-11 PM	987	0.0	111	0.0	1500	987	0	111	0.52	0	64.5	55.9	41.7	28.8	28.8
11PM-MID	723	0.0	82	0.0	1500	723	0	82	0.49	0	65.0	56.6	42.7	29.1	29.1

"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	0.0225
MAIN ROUTE WITH WORKS	0.0220
DIVERSION	0.0490

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$5,209
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

AUGUST
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

