

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	MAY
	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	333	0.0	38	0.0	1500	333	0	38	0.45	0	65.8	57.8	44.2	29.4	29.4
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	165	0.0	19	0.0	1500	165	0	19	0.44	0	66.1	58.2	44.8	29.6	29.6
3-4 AM	114	0.0	13	0.0	1500	114	0	13	0.43	0	66.2	58.4	45.0	29.7	29.7
4-5 AM	120	0.0	14	0.0	1500	120	0	14	0.43	0	66.1	58.4	45.0	29.7	29.7
5-6 AM	226	0.0	25	0.0	1500	226	0	25	0.44	0	66.0	58.1	44.6	29.6	29.6
6-7 AM	418	0.0	47	0.0	1500	418	0	47	0.46	0	65.6	57.5	43.8	29.4	29.4
7-8 AM	711	0.0	81	0.0	1500	711	0	81	0.49	0	65.1	56.6	42.7	29.1	29.1
8-9 AM	1064	0.0	120	0.0	1499	1064	0	120	0.55	0	64.4	55.3	40.7	28.7	28.7
9-10 AM	1511	0.0	171	0.0	OFF	1511	0	171	0.00	0	63.6	63.6	63.6	28.2	28.2
10-11 AM	1722	0.0	195	0.0	OFF	1722	0	195	0.00	0	63.2	63.2	63.2	27.9	27.9
11A-NOON	2096	0.0	237	0.0	OFF	2096	0	237	0.00	0	62.5	62.5	62.5	27.6	27.6
NOON-1PM	2190	0.0	247	0.0	OFF	2190	0	247	0.00	0	62.3	62.3	62.3	27.4	27.4
1-2 PM	2275	0.0	256	0.0	OFF	2275	0	256	0.00	0	62.2	62.2	62.2	27.4	27.4
2-3 PM	2198	0.0	248	0.0	OFF	2198	0	248	0.00	0	62.3	62.3	62.3	27.4	27.4
3-4 PM	2132	0.0	241	0.0	OFF	2132	0	241	0.00	0	62.4	62.4	62.4	27.5	27.5
4-5 PM	2100	0.0	237	0.0	OFF	2100	0	237	0.00	0	62.5	62.5	62.5	27.6	27.6
5-6 PM	1701	0.0	192	0.0	OFF	1701	0	192	0.00	0	63.2	63.2	63.2	28.0	28.0
6-7 PM	1388	0.0	157	0.0	OFF	1388	0	157	0.00	0	63.8	63.8	63.8	28.3	28.3
7-8 PM	1136	0.0	128	0.0	1500	1136	0	128	0.55	0	64.3	55.1	40.6	28.6	28.6
8-9 PM	961	0.0	108	0.0	1500	961	0	108	0.52	0	64.6	56.0	41.8	28.8	28.8
9-10 PM	673	0.0	76	0.0	1500	673	0	76	0.49	0	65.1	56.8	42.8	29.1	29.1
10-11 PM	468	0.0	52	0.0	1500	468	0	52	0.47	0	65.5	57.4	43.7	29.3	29.3
11PM-MID	314	0.0	36	0.0	1500	314	0	36	0.45	0	65.8	57.8	44.2	29.5	29.5

"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	0.0150
MAIN ROUTE WITH WORKS	0.0146
DIVERSION	0.0327

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$979
CONGESTED HOURS PER DAY*	0

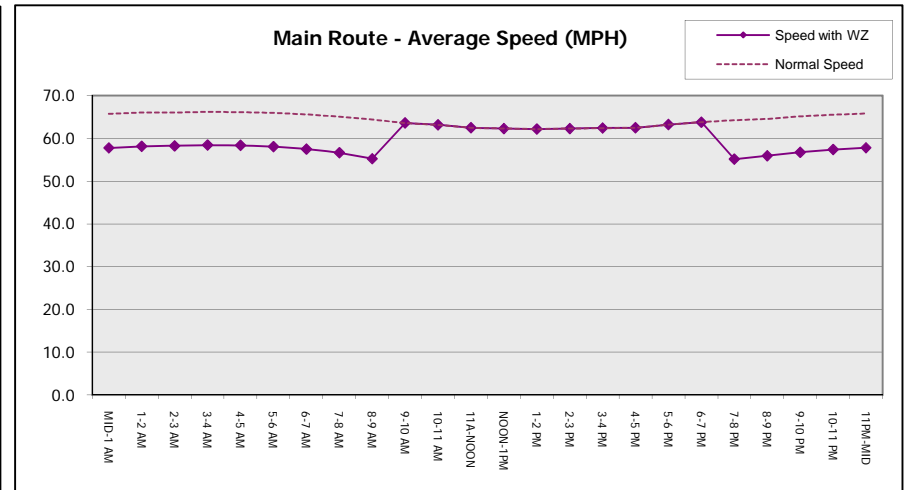
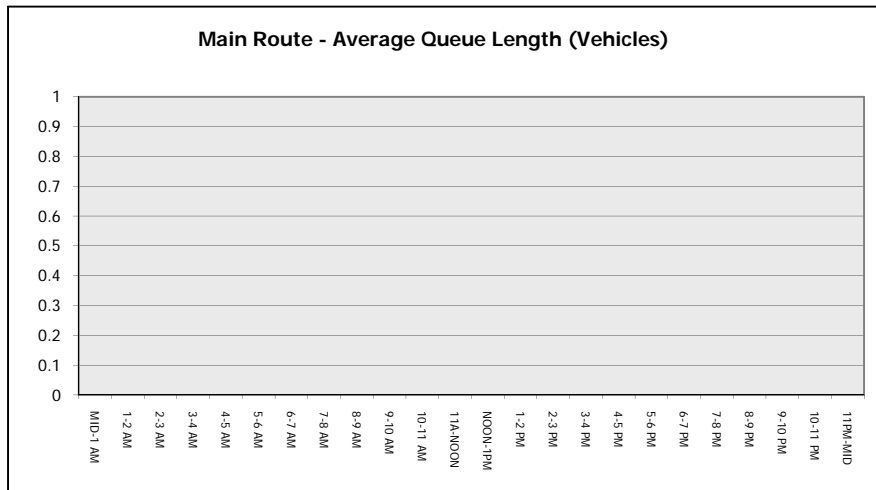
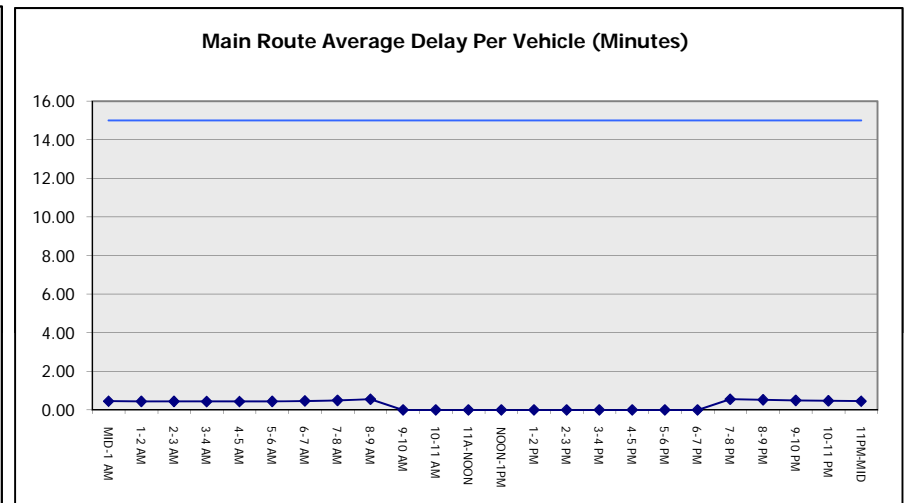
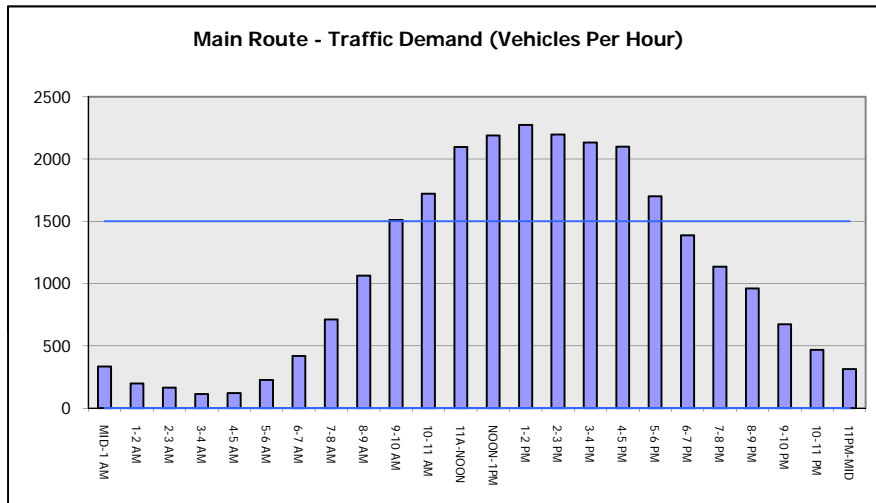
*Delays Exceeding 15 Minutes

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

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY WESTBOUND DIRECTION



IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	MAY
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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	334	0.0	38	0.0	1500	334	0	38	0.45	0	65.8	57.8	44.2	29.4	29.4
1-2 AM	248	0.0	28	0.0	1500	248	0	28	0.45	0	66.0	58.0	44.5	29.6	29.6
2-3 AM	134	0.0	15	0.0	1500	134	0	15	0.44	0	66.1	58.4	45.0	29.7	29.7
3-4 AM	141	0.0	16	0.0	1500	141	0	16	0.44	0	66.1	58.3	44.9	29.7	29.7
4-5 AM	137	0.0	16	0.0	1500	137	0	16	0.44	0	66.1	58.3	45.0	29.7	29.7
5-6 AM	132	0.0	15	0.0	1500	132	0	15	0.44	0	66.1	58.4	45.0	29.7	29.7
6-7 AM	321	0.0	37	0.0	1500	321	0	37	0.45	0	65.8	57.8	44.2	29.4	29.4
7-8 AM	515	0.0	58	0.0	1500	515	0	58	0.47	0	65.5	57.3	43.5	29.2	29.2
8-9 AM	759	0.0	86	0.0	1500	759	0	86	0.50	0	65.0	56.5	42.5	29.0	29.0
9-10 AM	1198	0.0	135	0.0	OFF	1198	0	135	0.00	0	64.1	64.1	64.1	28.5	28.5
10-11 AM	1640	0.0	185	0.0	OFF	1640	0	185	0.00	0	63.3	63.3	63.3	28.1	28.1
11A-NOON	1998	0.0	225	0.0	OFF	1998	0	225	0.00	0	62.7	62.7	62.7	27.7	27.7
NOON-1PM	2264	0.0	255	0.0	OFF	2264	0	255	0.00	0	62.2	62.2	62.2	27.4	27.4
1-2 PM	2277	0.0	256	0.0	OFF	2277	0	256	0.00	0	62.2	62.2	62.2	27.4	27.4
2-3 PM	2410	0.0	272	0.0	OFF	2410	0	272	0.00	0	61.8	61.8	61.8	27.2	27.2
3-4 PM	2532	0.0	286	0.0	OFF	2532	0	286	0.00	0	60.5	60.5	60.5	27.1	27.1
4-5 PM	2434	0.0	274	0.0	OFF	2434	0	274	0.00	0	61.5	61.5	61.5	27.2	27.2
5-6 PM	2494	0.0	282	0.0	OFF	2494	0	282	0.00	0	61.0	61.0	61.0	27.1	27.1
6-7 PM	2081	0.0	234	0.0	OFF	2081	0	234	0.00	0	62.5	62.5	62.5	27.6	27.6
7-8 PM	1781	0.0	201	0.0	1499	1781	0	201	6.11	156	63.1	22.6	30.8	27.9	27.9
8-9 PM	1579	0.0	178	0.0	1499	1579	0	178	13.67	342	63.5	12.7	30.8	28.1	28.1
9-10 PM	1074	0.0	121	0.0	1499	1074	0	121	5.16	179	64.4	25.3	36.0	28.6	28.6
10-11 PM	660	0.0	74	0.0	1500	660	0	74	0.49	0	65.1	56.8	42.9	29.1	29.1
11PM-MID	394	0.0	44	0.0	1500	394	0	44	0.46	0	65.6	57.6	43.9	29.4	29.4

"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	0.0169
MAIN ROUTE WITH WORKS	0.0164
DIVERSION	0.0368

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$11,282
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY EASTBOUND DIRECTION

