

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	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	358	0.0	41	0.0	1500	358	0	41	0.46	0	65.7	57.7	44.0	29.4	29.4
1-2 AM	189	0.0	21	0.0	1500	189	0	21	0.44	0	66.0	58.2	44.7	29.6	29.6
2-3 AM	146	0.0	17	0.0	1500	146	0	17	0.44	0	66.1	58.3	44.9	29.6	29.6
3-4 AM	86	0.0	9	0.0	1500	86	0	9	0.43	0	66.2	58.5	45.1	29.7	29.7
4-5 AM	111	0.0	13	0.0	1500	111	0	13	0.43	0	66.2	58.4	45.0	29.7	29.7
5-6 AM	203	0.0	23	0.0	1500	203	0	23	0.44	0	66.0	58.1	44.6	29.6	29.6
6-7 AM	403	0.0	45	0.0	1500	403	0	45	0.46	0	65.6	57.6	43.9	29.4	29.4
7-8 AM	647	0.0	73	0.0	1500	647	0	73	0.49	0	65.2	56.8	43.0	29.1	29.1
8-9 AM	984	0.0	111	0.0	1500	984	0	111	0.52	0	64.5	55.9	41.7	28.8	28.8
9-10 AM	1284	0.0	144	0.0	OFF	1284	0	144	0.00	0	64.0	64.0	64.0	28.4	28.4
10-11 AM	1740	0.0	197	0.0	OFF	1740	0	197	0.00	0	63.2	63.2	63.2	27.9	27.9
11A-NOON	2089	0.0	235	0.0	OFF	2089	0	235	0.00	0	62.5	62.5	62.5	27.6	27.6
NOON-1PM	2080	0.0	234	0.0	OFF	2080	0	234	0.00	0	62.5	62.5	62.5	27.6	27.6
1-2 PM	2185	0.0	246	0.0	OFF	2185	0	246	0.00	0	62.3	62.3	62.3	27.4	27.4
2-3 PM	1857	0.0	209	0.0	OFF	1857	0	209	0.00	0	62.9	62.9	62.9	27.8	27.8
3-4 PM	2216	0.0	250	0.0	OFF	2216	0	250	0.00	0	62.3	62.3	62.3	27.4	27.4
4-5 PM	2131	0.0	241	0.0	OFF	2131	0	241	0.00	0	62.4	62.4	62.4	27.5	27.5
5-6 PM	1769	0.0	200	0.0	OFF	1769	0	200	0.00	0	63.1	63.1	63.1	27.9	27.9
6-7 PM	1419	0.0	160	0.0	OFF	1419	0	160	0.00	0	63.7	63.7	63.7	28.3	28.3
7-8 PM	1091	0.0	123	0.0	1500	1091	0	123	0.53	0	64.3	55.6	41.4	28.6	28.6
8-9 PM	735	0.0	83	0.0	1500	735	0	83	0.49	0	65.0	56.6	42.6	29.0	29.0
9-10 PM	663	0.0	74	0.0	1500	663	0	74	0.49	0	65.1	56.8	42.9	29.1	29.1
10-11 PM	480	0.0	54	0.0	1500	480	0	54	0.47	0	65.5	57.3	43.6	29.3	29.3
11PM-MID	328	0.0	37	0.0	1500	328	0	37	0.45	0	65.8	57.8	44.2	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	0.0144
MAIN ROUTE WITH WORKS	0.0140
DIVERSION	0.0314

PIA: Personal Injury Accidents

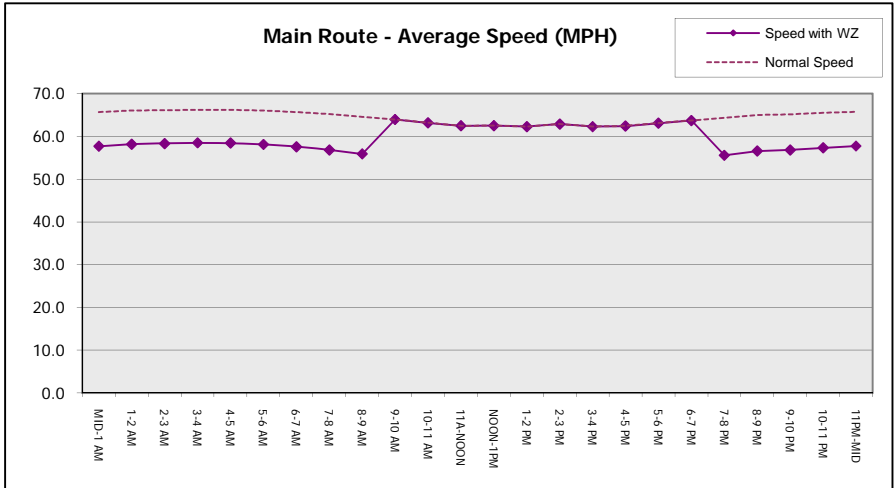
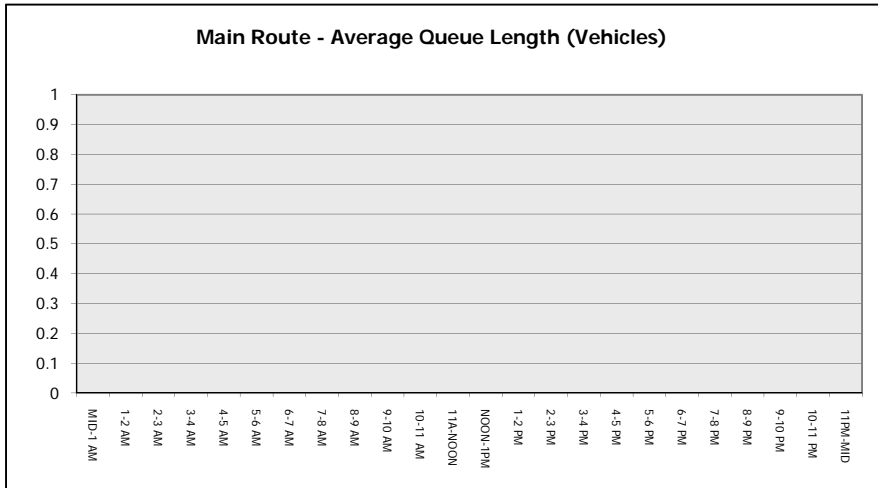
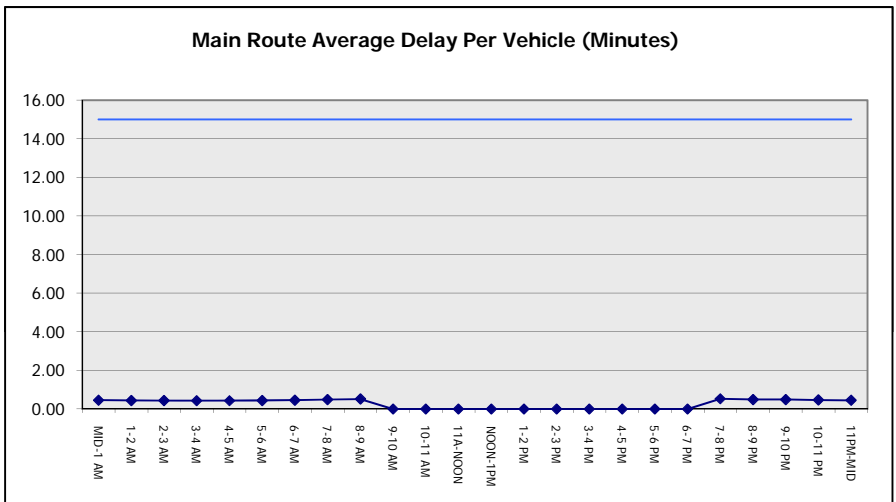
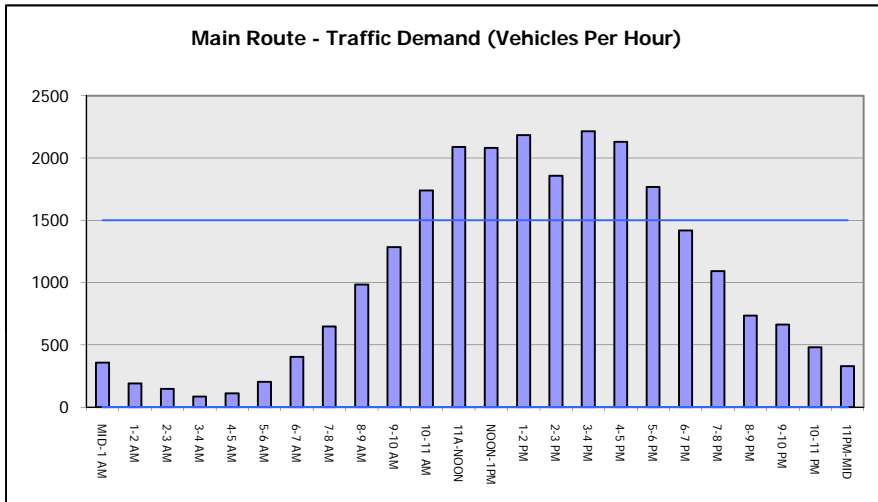
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$781
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

OCTOBER
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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	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	335	0.0	38	0.0	1500	335	0	38	0.45	0	65.8	57.8	44.2	29.4	29.4
1-2 AM	207	0.0	23	0.0	1500	207	0	23	0.44	0	66.0	58.1	44.6	29.6	29.6
2-3 AM	144	0.0	17	0.0	1500	144	0	17	0.44	0	66.1	58.3	44.9	29.6	29.6
3-4 AM	117	0.0	14	0.0	1500	117	0	14	0.43	0	66.1	58.4	45.0	29.7	29.7
4-5 AM	166	0.0	19	0.0	1500	166	0	19	0.44	0	66.1	58.2	44.8	29.6	29.6
5-6 AM	202	0.0	23	0.0	1500	202	0	23	0.44	0	66.0	58.1	44.6	29.6	29.6
6-7 AM	331	0.0	38	0.0	1500	331	0	38	0.45	0	65.8	57.8	44.2	29.4	29.4
7-8 AM	466	0.0	52	0.0	1500	466	0	52	0.47	0	65.5	57.4	43.7	29.3	29.3
8-9 AM	883	0.0	99	0.0	1500	883	0	99	0.51	0	64.8	56.2	42.1	28.9	28.9
9-10 AM	1300	0.0	146	0.0	OFF	1300	0	146	0.00	0	64.0	64.0	64.0	28.4	28.4
10-11 AM	1808	0.0	204	0.0	OFF	1808	0	204	0.00	0	63.0	63.0	63.0	27.9	27.9
11A-NOON	2263	0.0	255	0.0	OFF	2263	0	255	0.00	0	62.2	62.2	62.2	27.4	27.4
NOON-1PM	2210	0.0	249	0.0	OFF	2210	0	249	0.00	0	62.3	62.3	62.3	27.4	27.4
1-2 PM	2188	0.0	247	0.0	OFF	2188	0	247	0.00	0	62.3	62.3	62.3	27.4	27.4
2-3 PM	2285	0.0	257	0.0	OFF	2285	0	257	0.00	0	62.1	62.1	62.1	27.4	27.4
3-4 PM	2615	0.0	295	0.0	OFF	2615	0	295	0.00	0	59.7	59.7	59.7	27.0	27.0
4-5 PM	2900	0.0	326	0.0	OFF	2900	0	326	0.00	0	56.8	56.8	56.8	26.7	26.7
5-6 PM	2653	0.0	299	0.0	OFF	2653	0	299	0.00	0	59.3	59.3	59.3	27.0	27.0
6-7 PM	2032	0.0	229	0.0	OFF	2032	0	229	0.00	0	62.6	62.6	62.6	27.6	27.6
7-8 PM	1558	0.0	176	0.0	1499	1558	0	176	2.99	54	63.5	33.8	30.8	28.1	28.1
8-9 PM	1226	0.0	138	0.0	1500	1226	0	138	0.95	9	64.1	50.0	37.4	28.5	28.5
9-10 PM	841	0.0	95	0.0	1500	841	0	95	0.50	0	64.8	56.3	42.2	28.9	28.9
10-11 PM	521	0.0	59	0.0	1500	521	0	59	0.47	0	65.4	57.2	43.4	29.2	29.2
11PM-MID	324	0.0	37	0.0	1500	324	0	37	0.45	0	65.8	57.8	44.2	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	0.0165
DIVERSION	0.0368

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,983
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 EASTBOUND DIRECTION

