

<b>IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>DIVERSION ROUTE: STH 67 - USH 18 - CTH C</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	227	0.0	25	0.0	1500	227	0	25	0.44	0	66.0	58.1	44.6	29.6	29.6
1-2 AM	157	0.0	18	0.0	1500	157	0	18	0.44	0	66.1	58.2	44.8	29.6	29.6
2-3 AM	128	0.0	15	0.0	1500	128	0	15	0.43	0	66.1	58.4	45.0	29.7	29.7
3-4 AM	177	0.0	20	0.0	1500	177	0	20	0.44	0	66.1	58.2	44.8	29.6	29.6
4-5 AM	301	0.0	35	0.0	1500	301	0	35	0.45	0	65.8	57.9	44.3	29.5	29.5
5-6 AM	660	0.0	74	0.0	OFF	660	0	74	0.00	0	65.1	65.1	65.1	29.1	29.1
6-7 AM	1483	0.0	167	0.0	OFF	1483	0	167	0.00	0	63.7	63.7	63.7	28.2	28.2
7-8 AM	1989	0.0	224	0.0	OFF	1989	0	224	0.00	0	62.7	62.7	62.7	27.7	27.7
8-9 AM	1928	0.0	218	0.0	OFF	1928	0	218	0.00	0	62.8	62.8	62.8	27.8	27.8
9-10 AM	1592	0.0	180	0.0	OFF	1592	0	180	0.00	0	63.4	63.4	63.4	28.1	28.1
10-11 AM	1551	0.0	175	0.0	OFF	1551	0	175	0.00	0	63.5	63.5	63.5	28.1	28.1
11A-NOON	1672	0.0	188	0.0	OFF	1672	0	188	0.00	0	63.3	63.3	63.3	28.0	28.0
NOON-1PM	1821	0.0	205	0.0	OFF	1821	0	205	0.00	0	63.0	63.0	63.0	27.9	27.9
1-2 PM	1850	0.0	208	0.0	OFF	1850	0	208	0.00	0	63.0	63.0	63.0	27.8	27.8
2-3 PM	2243	0.0	253	0.0	OFF	2243	0	253	0.00	0	62.2	62.2	62.2	27.4	27.4
3-4 PM	2833	0.0	319	0.0	OFF	2833	0	319	0.00	0	57.5	57.5	57.5	26.8	26.8
4-5 PM	3302	0.0	373	0.0	OFF	3302	0	373	0.00	0	52.7	52.7	52.7	26.3	26.3
5-6 PM	3173	0.0	358	0.0	OFF	3173	0	358	0.00	0	54.0	54.0	54.0	26.4	26.4
6-7 PM	2055	0.0	231	0.0	OFF	2055	0	231	0.00	0	62.5	62.5	62.5	27.6	27.6
7-8 PM	1302	0.0	146	0.0	1500	1302	0	146	0.77	0	64.0	52.1	35.5	28.4	28.4
8-9 PM	1019	0.0	115	0.0	1500	1019	0	115	0.52	0	64.5	55.8	41.6	28.7	28.7
9-10 PM	882	0.0	99	0.0	1500	882	0	99	0.51	0	64.8	56.2	42.1	28.9	28.9
10-11 PM	631	0.0	71	0.0	1500	631	0	71	0.48	0	65.2	56.9	43.0	29.1	29.1
11PM-MID	424	0.0	48	0.0	1500	424	0	48	0.46	0	65.6	57.5	43.8	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	0.0191
MAIN ROUTE WITH WORKS	0.0188
DIVERSION	0.0416

PIA: Personal Injury Accidents

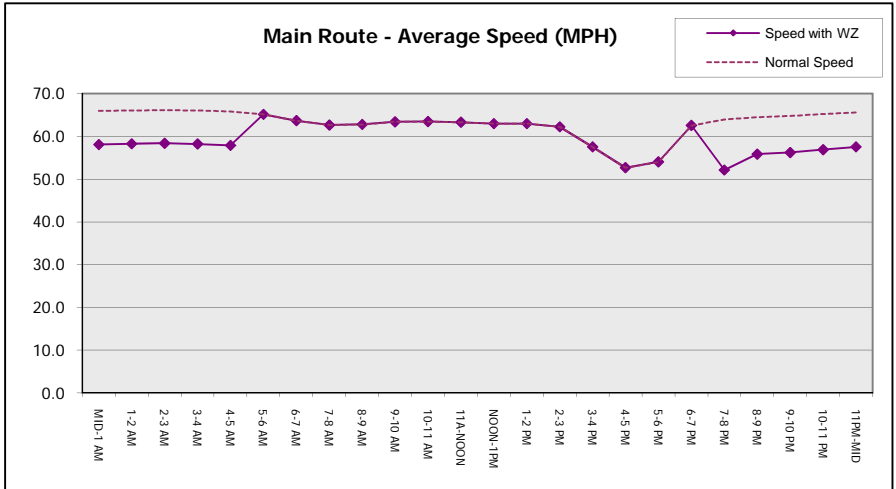
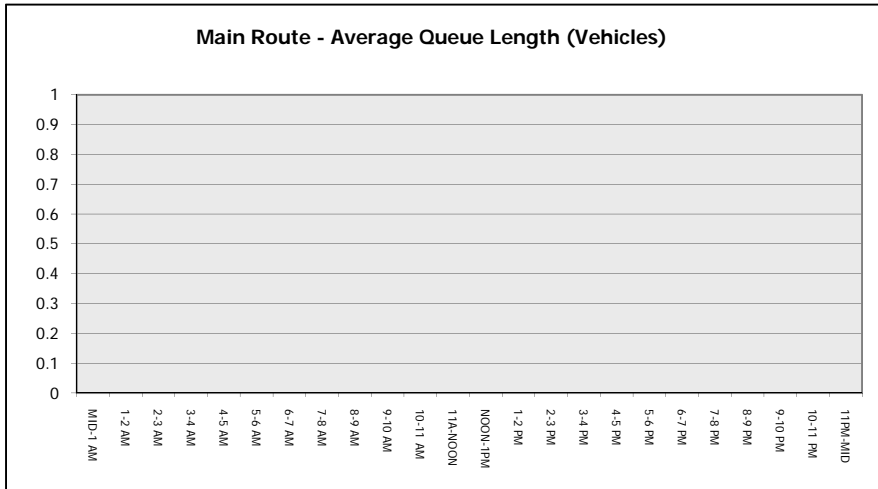
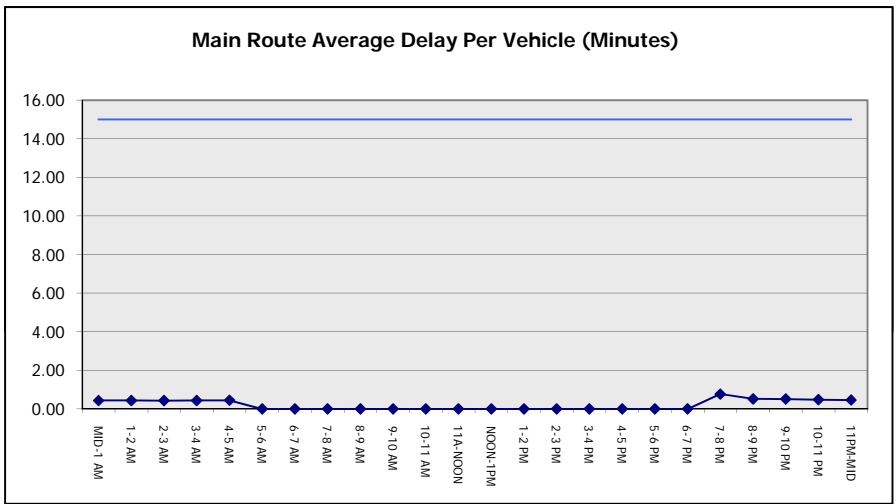
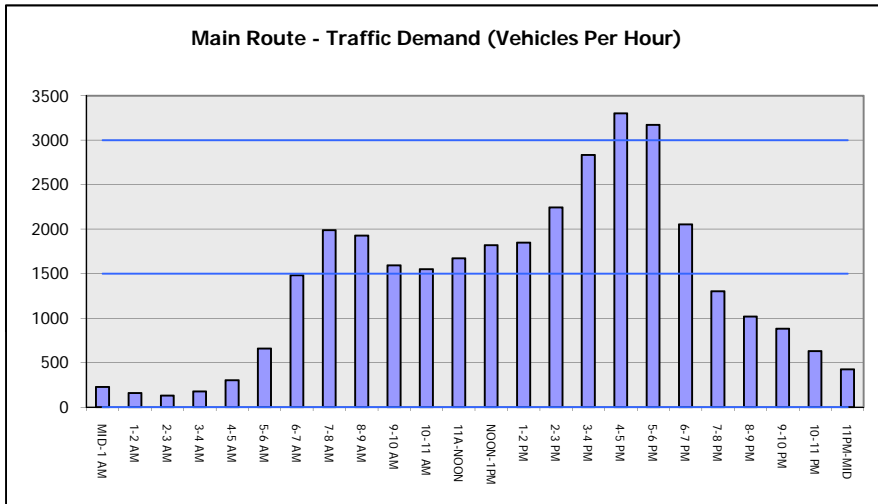
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$609
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR WESTBOUND DIRECTION**



<b>IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>DIVERSION ROUTE: STH 67 - USH 18 - CTH C</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	165	0.0	19	0.0	1500	165	0	19	0.44	0	66.1	58.2	44.8	29.6	29.6
1-2 AM	142	0.0	16	0.0	1500	142	0	16	0.44	0	66.1	58.3	44.9	29.7	29.7
2-3 AM	139	0.0	16	0.0	1500	139	0	16	0.44	0	66.1	58.3	44.9	29.7	29.7
3-4 AM	160	0.0	18	0.0	1500	160	0	18	0.44	0	66.1	58.2	44.8	29.6	29.6
4-5 AM	428	0.0	48	0.0	1500	428	0	48	0.46	0	65.6	57.5	43.8	29.4	29.4
5-6 AM	1178	0.0	133	0.0	OFF	1178	0	133	0.00	0	64.2	64.2	64.2	28.6	28.6
6-7 AM	2514	0.0	284	0.0	OFF	2514	0	284	0.00	0	60.7	60.7	60.7	27.1	27.1
7-8 AM	3394	0.0	383	0.0	OFF	3394	0	383	0.00	0	51.7	51.7	51.7	26.1	26.1
8-9 AM	2607	0.0	294	0.0	OFF	2607	0	294	0.00	0	59.8	59.8	59.8	27.0	27.0
9-10 AM	1886	0.0	212	0.0	OFF	1886	0	212	0.00	0	62.8	62.8	62.8	27.8	27.8
10-11 AM	1631	0.0	184	0.0	OFF	1631	0	184	0.00	0	63.3	63.3	63.3	28.1	28.1
11A-NOON	1649	0.0	186	0.0	OFF	1649	0	186	0.00	0	63.3	63.3	63.3	28.1	28.1
NOON-1PM	1692	0.0	190	0.0	OFF	1692	0	190	0.00	0	63.2	63.2	63.2	28.0	28.0
1-2 PM	1768	0.0	199	0.0	OFF	1768	0	199	0.00	0	63.1	63.1	63.1	27.9	27.9
2-3 PM	1888	0.0	212	0.0	OFF	1888	0	212	0.00	0	62.8	62.8	62.8	27.8	27.8
3-4 PM	2054	0.0	231	0.0	OFF	2054	0	231	0.00	0	62.5	62.5	62.5	27.6	27.6
4-5 PM	2228	0.0	251	0.0	OFF	2228	0	251	0.00	0	62.2	62.2	62.2	27.4	27.4
5-6 PM	2261	0.0	255	0.0	OFF	2261	0	255	0.00	0	62.2	62.2	62.2	27.4	27.4
6-7 PM	1552	0.0	175	0.0	OFF	1552	0	175	0.00	0	63.5	63.5	63.5	28.1	28.1
7-8 PM	963	0.0	109	0.0	1500	963	0	109	0.52	0	64.6	56.0	41.8	28.8	28.8
8-9 PM	831	0.0	93	0.0	1500	831	0	93	0.50	0	64.8	56.3	42.3	28.9	28.9
9-10 PM	730	0.0	83	0.0	1500	730	0	83	0.49	0	65.0	56.6	42.7	29.0	29.0
10-11 PM	558	0.0	63	0.0	1500	558	0	63	0.48	0	65.3	57.1	43.3	29.2	29.2
11PM-MID	341	0.0	39	0.0	1500	341	0	39	0.46	0	65.8	57.8	44.1	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	0.0188
MAIN ROUTE WITH WORKS	0.0185
DIVERSION	0.0408

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$451
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR EASTBOUND DIRECTION**

