

<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>MAY</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	222	0.0	25	0.0	1500	222	0	25	0.44	0	66.0	58.1	44.6	29.6	29.6
1-2 AM	164	0.0	19	0.0	1500	164	0	19	0.44	0	66.1	58.2	44.8	29.6	29.6
2-3 AM	131	0.0	15	0.0	1500	131	0	15	0.44	0	66.1	58.4	45.0	29.7	29.7
3-4 AM	163	0.0	19	0.0	1500	163	0	19	0.44	0	66.1	58.2	44.8	29.6	29.6
4-5 AM	277	0.0	31	0.0	1500	277	0	31	0.45	0	65.9	57.9	44.4	29.5	29.5
5-6 AM	637	0.0	72	0.0	OFF	637	0	72	0.00	0	65.2	65.2	65.2	29.1	29.1
6-7 AM	1442	0.0	162	0.0	OFF	1442	0	162	0.00	0	63.7	63.7	63.7	28.3	28.3
7-8 AM	2050	0.0	231	0.0	OFF	2050	0	231	0.00	0	62.6	62.6	62.6	27.6	27.6
8-9 AM	1921	0.0	217	0.0	OFF	1921	0	217	0.00	0	62.8	62.8	62.8	27.8	27.8
9-10 AM	1637	0.0	184	0.0	OFF	1637	0	184	0.00	0	63.3	63.3	63.3	28.1	28.1
10-11 AM	1612	0.0	182	0.0	OFF	1612	0	182	0.00	0	63.4	63.4	63.4	28.1	28.1
11A-NOON	1705	0.0	193	0.0	OFF	1705	0	193	0.00	0	63.2	63.2	63.2	28.0	28.0
NOON-1PM	1843	0.0	207	0.0	OFF	1843	0	207	0.00	0	63.0	63.0	63.0	27.8	27.8
1-2 PM	1795	0.0	202	0.0	OFF	1795	0	202	0.00	0	63.0	63.0	63.0	27.9	27.9
2-3 PM	2162	0.0	244	0.0	OFF	2162	0	244	0.00	0	62.3	62.3	62.3	27.5	27.5
3-4 PM	2783	0.0	314	0.0	OFF	2783	0	314	0.00	0	58.0	58.0	58.0	26.8	26.8
4-5 PM	3205	0.0	361	0.0	OFF	3205	0	361	0.00	0	53.7	53.7	53.7	26.4	26.4
5-6 PM	3164	0.0	357	0.0	OFF	3164	0	357	0.00	0	54.1	54.1	54.1	26.4	26.4
6-7 PM	2074	0.0	233	0.0	OFF	2074	0	233	0.00	0	62.5	62.5	62.5	27.6	27.6
7-8 PM	1329	0.0	150	0.0	1500	1329	0	150	0.80	0	63.9	51.6	34.7	28.4	28.4
8-9 PM	1146	0.0	129	0.0	1500	1146	0	129	0.57	0	64.3	55.0	40.2	28.6	28.6
9-10 PM	931	0.0	105	0.0	1500	931	0	105	0.51	0	64.6	56.0	41.9	28.8	28.8
10-11 PM	589	0.0	66	0.0	1500	589	0	66	0.48	0	65.3	57.0	43.2	29.2	29.2
11PM-MID	472	0.0	53	0.0	1500	472	0	53	0.47	0	65.5	57.4	43.6	29.3	29.3

**"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	0.0192
MAIN ROUTE WITH WORKS	0.0188
DIVERSION	0.0416

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$654
CONGESTED HOURS PER DAY*	0

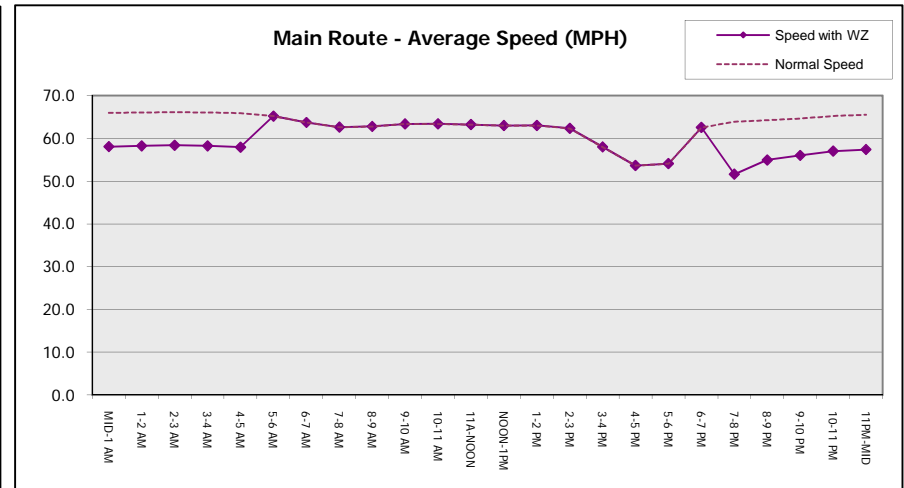
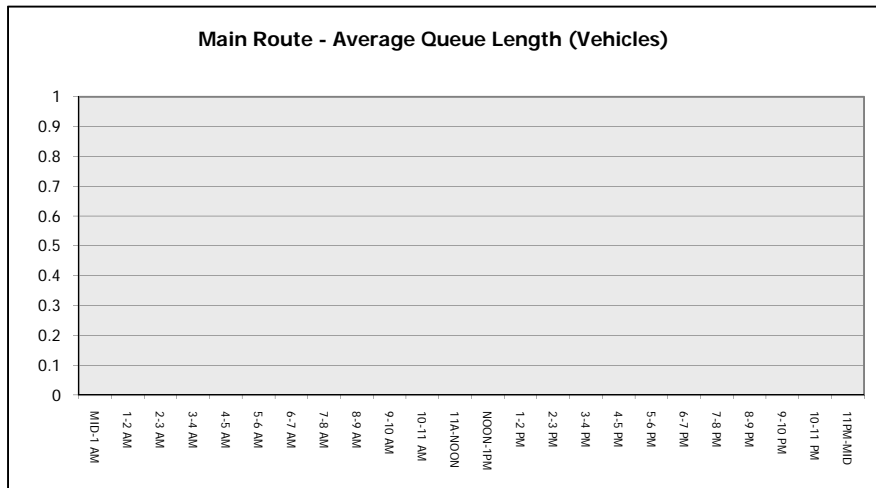
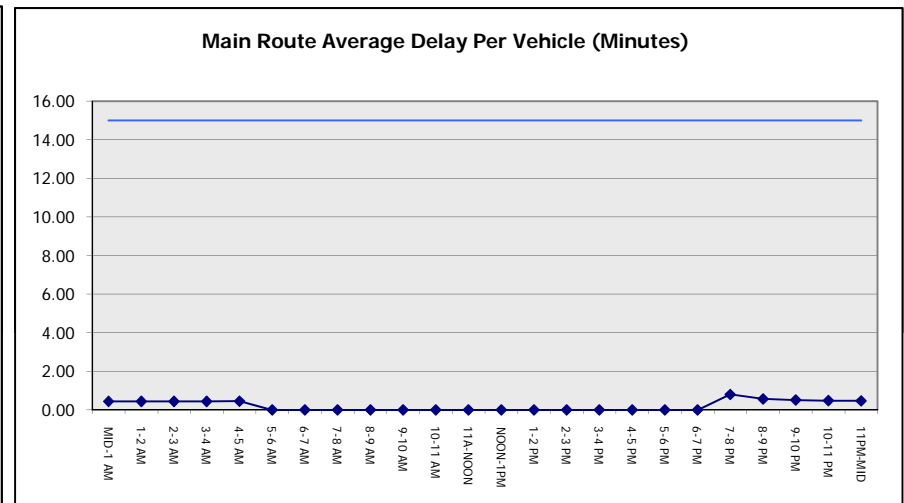
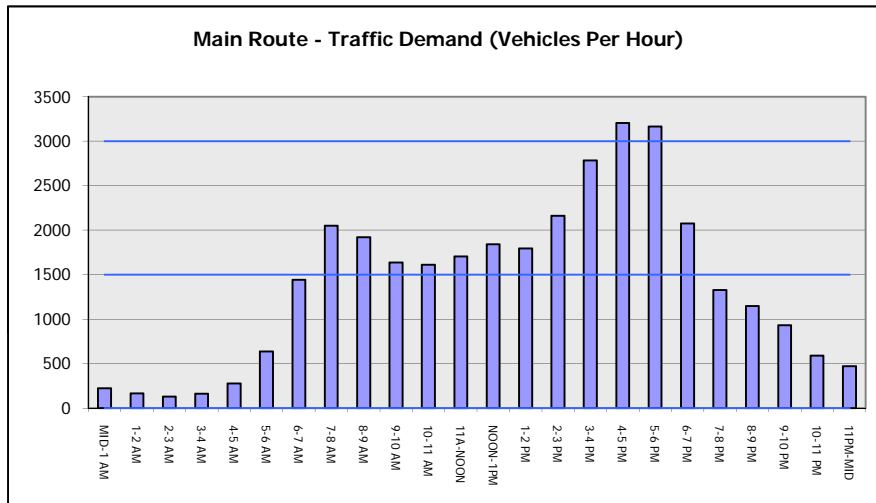
\*Delays Exceeding 15 Minutes

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

**MAY**  
 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>MAY</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	181	0.0	21	0.0	1500	181	0	21	0.44	0	66.1	58.2	44.8	29.6	29.6	
1-2 AM	146	0.0	17	0.0	1500	146	0	17	0.44	0	66.1	58.3	44.9	29.6	29.6	
2-3 AM	158	0.0	18	0.0	1500	158	0	18	0.44	0	66.1	58.2	44.8	29.6	29.6	
3-4 AM	170	0.0	19	0.0	1500	170	0	19	0.44	0	66.1	58.2	44.8	29.6	29.6	
4-5 AM	362	0.0	41	0.0	1500	362	0	41	0.46	0	65.7	57.7	44.0	29.4	29.4	
5-6 AM	1135	0.0	128	0.0	OFF	1135	0	128	0.00	0	64.3	64.3	64.3	28.6	28.6	
6-7 AM	2491	0.0	280	0.0	OFF	2491	0	280	0.00	0	61.0	61.0	61.0	27.1	27.1	
7-8 AM	3385	0.0	382	0.0	OFF	3385	0	382	0.00	0	51.8	51.8	51.8	26.2	26.2	
8-9 AM	2558	0.0	289	0.0	OFF	2558	0	289	0.00	0	60.3	60.3	60.3	27.1	27.1	
9-10 AM	1812	0.0	204	0.0	OFF	1812	0	204	0.00	0	63.0	63.0	63.0	27.9	27.9	
10-11 AM	1621	0.0	183	0.0	OFF	1621	0	183	0.00	0	63.3	63.3	63.3	28.1	28.1	
11A-NOON	1589	0.0	179	0.0	OFF	1589	0	179	0.00	0	63.4	63.4	63.4	28.1	28.1	
NOON-1PM	1605	0.0	181	0.0	OFF	1605	0	181	0.00	0	63.4	63.4	63.4	28.1	28.1	
1-2 PM	1716	0.0	194	0.0	OFF	1716	0	194	0.00	0	63.2	63.2	63.2	27.9	27.9	
2-3 PM	1873	0.0	211	0.0	OFF	1873	0	211	0.00	0	62.9	62.9	62.9	27.8	27.8	
3-4 PM	2073	0.0	233	0.0	OFF	2073	0	233	0.00	0	62.5	62.5	62.5	27.6	27.6	
4-5 PM	2132	0.0	241	0.0	OFF	2132	0	241	0.00	0	62.4	62.4	62.4	27.5	27.5	
5-6 PM	2233	0.0	252	0.0	OFF	2233	0	252	0.00	0	62.2	62.2	62.2	27.4	27.4	
6-7 PM	1530	0.0	173	0.0	OFF	1530	0	173	0.00	0	63.5	63.5	63.5	28.2	28.2	
7-8 PM	1098	0.0	123	0.0	1500	1098	0	123	0.53	0	64.3	55.6	41.4	28.6	28.6	
8-9 PM	923	0.0	104	0.0	1500	923	0	104	0.51	0	64.6	56.1	42.0	28.8	28.8	
9-10 PM	800	0.0	90	0.0	1500	800	0	90	0.50	0	64.9	56.4	42.4	28.9	28.9	
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	344	0.0	39	0.0	1500	344	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	0.0186
MAIN ROUTE WITH WORKS	0.0183
DIVERSION	0.0405

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$489
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**  
**MON-THUR EASTBOUND DIRECTION**

