

<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**

**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	291	0.0	32	0.0	1500	291	0	32	0.45	0	65.8	57.9	44.3	29.5	29.5
1-2 AM	199	0.0	22	0.0	1500	199	0	22	0.44	0	66.0	58.1	44.7	29.6	29.6
2-3 AM	178	0.0	20	0.0	1500	178	0	20	0.44	0	66.1	58.2	44.8	29.6	29.6
3-4 AM	184	0.0	21	0.0	1500	184	0	21	0.44	0	66.0	58.2	44.8	29.6	29.6
4-5 AM	292	0.0	32	0.0	1500	292	0	32	0.45	0	65.8	57.9	44.3	29.5	29.5
5-6 AM	659	0.0	74	0.0	OFF	659	0	74	0.00	0	65.1	65.1	65.1	29.1	29.1
6-7 AM	1464	0.0	165	0.0	OFF	1464	0	165	0.00	0	63.7	63.7	63.7	28.3	28.3
7-8 AM	2040	0.0	230	0.0	OFF	2040	0	230	0.00	0	62.6	62.6	62.6	27.6	27.6
8-9 AM	2040	0.0	230	0.0	OFF	2040	0	230	0.00	0	62.6	62.6	62.6	27.6	27.6
9-10 AM	1827	0.0	206	0.0	OFF	1827	0	206	0.00	0	63.0	63.0	63.0	27.8	27.8
10-11 AM	1925	0.0	217	0.0	OFF	1925	0	217	0.00	0	62.8	62.8	62.8	27.8	27.8
11A-NOON	2075	0.0	234	0.0	OFF	2075	0	234	0.00	0	62.5	62.5	62.5	27.6	27.6
NOON-1PM	2304	0.0	260	0.0	OFF	2304	0	260	0.00	0	62.1	62.1	62.1	27.3	27.3
1-2 PM	2439	0.0	275	0.0	OFF	2439	0	275	0.00	0	61.5	61.5	61.5	27.2	27.2
2-3 PM	2776	0.0	313	0.0	OFF	2776	0	313	0.00	0	58.1	58.1	58.1	26.8	26.8
3-4 PM	3453	0.0	389	0.0	OFF	3453	0	389	0.00	0	51.1	51.1	51.1	26.1	26.1
4-5 PM	3786	0.0	427	0.0	OFF	3786	0	427	0.00	0	47.7	47.7	47.7	25.8	25.8
5-6 PM	3706	0.0	418	0.0	OFF	3706	0	418	0.00	0	48.5	48.5	48.5	25.8	25.8
6-7 PM	2571	0.0	290	0.0	OFF	2571	0	290	0.00	0	60.2	60.2	60.2	27.1	27.1
7-8 PM	1655	0.0	186	0.0	1499	1655	0	186	5.15	118	63.3	25.2	30.8	28.1	28.1
8-9 PM	1282	0.0	144	0.0	1499	1282	0	144	2.84	71	64.0	34.8	33.9	28.4	28.4
9-10 PM	1055	0.0	119	0.0	1500	1055	0	119	0.52	0	64.4	55.7	41.5	28.7	28.7
10-11 PM	842	0.0	95	0.0	1500	842	0	95	0.50	0	64.8	56.3	42.2	28.9	28.9
11PM-MID	609	0.0	69	0.0	1500	609	0	69	0.48	0	65.3	56.9	43.1	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	0.0227
MAIN ROUTE WITH WORKS	0.0223
DIVERSION	0.0494

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$3,352
CONGESTED HOURS PER DAY*	0

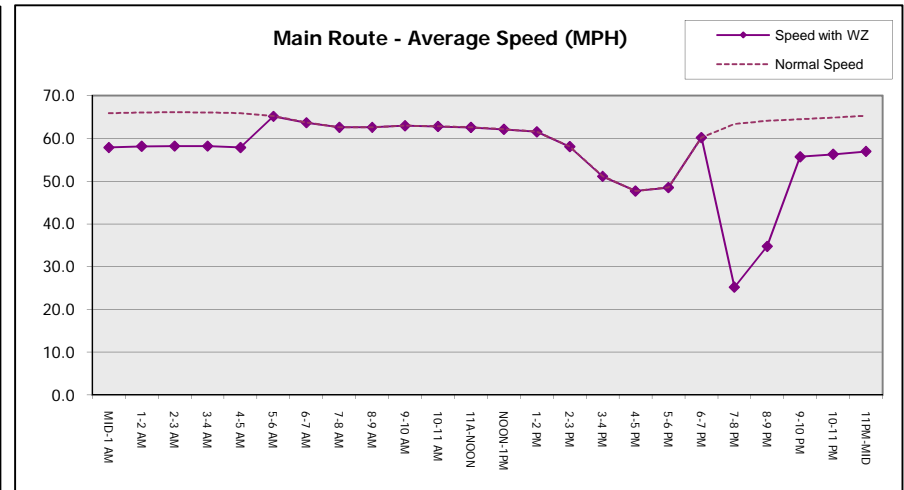
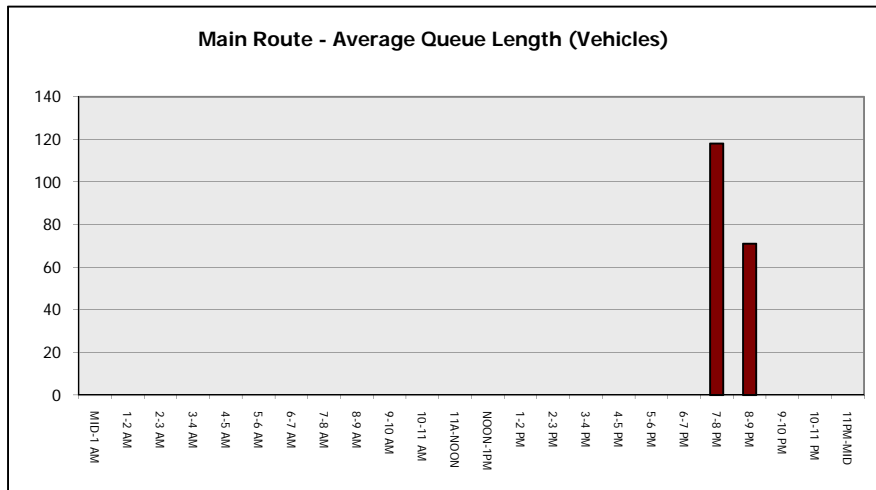
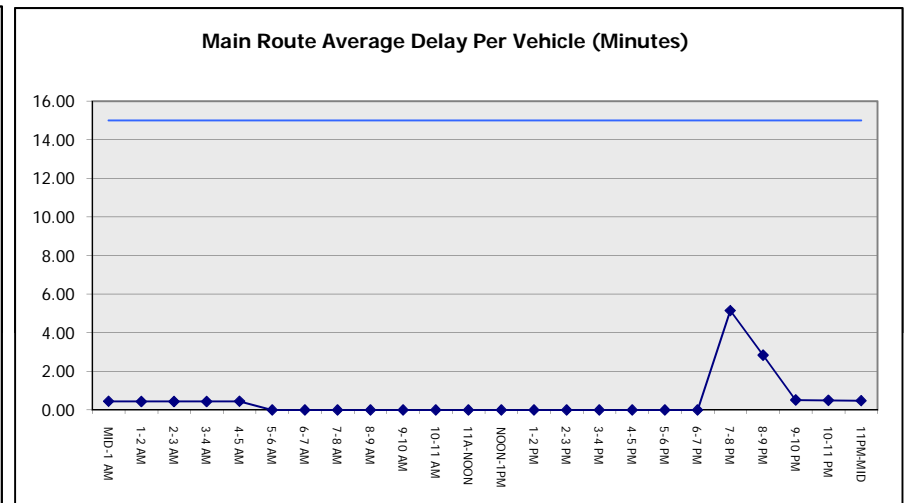
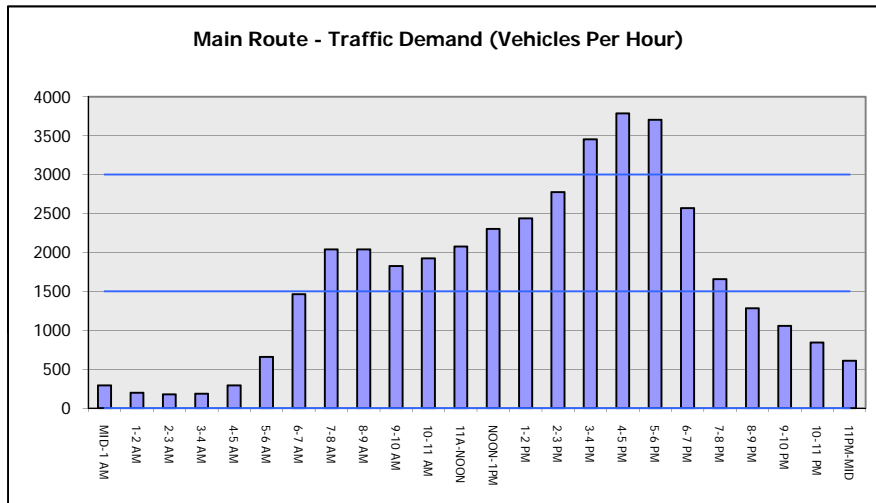
\*Delays Exceeding 15 Minutes

**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**

**FRIDAY 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**

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		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	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	163	0.0	19	0.0	1500	163	0	19	0.44	0	66.1	58.2	44.8	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	180	0.0	20	0.0	1500	180	0	20	0.44	0	66.1	58.2	44.8	29.6	29.6	
4-5 AM	318	0.0	36	0.0	1500	318	0	36	0.45	0	65.8	57.8	44.2	29.5	29.5	
5-6 AM	1107	0.0	125	0.0	OFF	1107	0	125	0.00	0	64.3	64.3	64.3	28.6	28.6	
6-7 AM	2310	0.0	261	0.0	OFF	2310	0	261	0.00	0	62.1	62.1	62.1	27.3	27.3	
7-8 AM	3113	0.0	351	0.0	OFF	3113	0	351	0.00	0	54.6	54.6	54.6	26.5	26.5	
8-9 AM	2416	0.0	272	0.0	OFF	2416	0	272	0.00	0	61.7	61.7	61.7	27.2	27.2	
9-10 AM	1821	0.0	205	0.0	OFF	1821	0	205	0.00	0	63.0	63.0	63.0	27.9	27.9	
10-11 AM	1648	0.0	186	0.0	OFF	1648	0	186	0.00	0	63.3	63.3	63.3	28.1	28.1	
11A-NOON	1782	0.0	201	0.0	OFF	1782	0	201	0.00	0	63.1	63.1	63.1	27.9	27.9	
NOON-1PM	1790	0.0	202	0.0	OFF	1790	0	202	0.00	0	63.0	63.0	63.0	27.9	27.9	
1-2 PM	1921	0.0	217	0.0	OFF	1921	0	217	0.00	0	62.8	62.8	62.8	27.8	27.8	
2-3 PM	2248	0.0	253	0.0	OFF	2248	0	253	0.00	0	62.2	62.2	62.2	27.4	27.4	
3-4 PM	2432	0.0	274	0.0	OFF	2432	0	274	0.00	0	61.6	61.6	61.6	27.2	27.2	
4-5 PM	2419	0.0	273	0.0	OFF	2419	0	273	0.00	0	61.7	61.7	61.7	27.2	27.2	
5-6 PM	2580	0.0	291	0.0	OFF	2580	0	291	0.00	0	60.1	60.1	60.1	27.1	27.1	
6-7 PM	2060	0.0	232	0.0	OFF	2060	0	232	0.00	0	62.5	62.5	62.5	27.6	27.6	
7-8 PM	1534	0.0	173	0.0	1499	1534	0	173	2.59	42	63.5	36.0	30.8	28.2	28.2	
8-9 PM	1236	0.0	139	0.0	1500	1236	0	139	0.78	2	64.1	52.0	37.3	28.5	28.5	
9-10 PM	979	0.0	111	0.0	1500	979	0	111	0.52	0	64.6	55.9	41.7	28.8	28.8	
10-11 PM	857	0.0	96	0.0	1500	857	0	96	0.51	0	64.8	56.3	42.2	28.9	28.9	
11PM-MID	541	0.0	61	0.0	1500	541	0	61	0.47	0	65.4	57.1	43.3	29.2	29.2	

"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	0.0205
MAIN ROUTE WITH WORKS	0.0201
DIVERSION	0.0447

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,590
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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

**MAY**  
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 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY EASTBOUND DIRECTION**

