

<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**

**SATURDAY 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	383	0.0	43	0.0	1500	383	0	43	0.46	0	65.7	57.6	44.0	29.4	29.4
1-2 AM	245	0.0	27	0.0	1500	245	0	27	0.45	0	66.0	58.0	44.5	29.6	29.6
2-3 AM	224	0.0	25	0.0	1500	224	0	25	0.44	0	66.0	58.1	44.6	29.6	29.6
3-4 AM	189	0.0	21	0.0	1500	189	0	21	0.44	0	66.0	58.2	44.7	29.6	29.6
4-5 AM	263	0.0	29	0.0	1500	263	0	29	0.45	0	65.9	57.9	44.4	29.6	29.6
5-6 AM	447	0.0	50	0.0	1500	447	0	50	0.47	0	65.6	57.4	43.7	29.3	29.3
6-7 AM	939	0.0	106	0.0	1500	939	0	106	0.51	0	64.6	56.0	41.9	28.8	28.8
7-8 AM	1267	0.0	143	0.0	1499	1267	0	143	0.72	0	64.0	52.8	36.6	28.4	28.4
8-9 AM	1722	0.0	195	0.0	OFF	1722	0	195	0.00	0	63.2	63.2	63.2	27.9	27.9
9-10 AM	1841	0.0	207	0.0	OFF	1841	0	207	0.00	0	63.0	63.0	63.0	27.8	27.8
10-11 AM	2103	0.0	238	0.0	OFF	2103	0	238	0.00	0	62.5	62.5	62.5	27.6	27.6
11A-NOON	2198	0.0	248	0.0	OFF	2198	0	248	0.00	0	62.3	62.3	62.3	27.4	27.4
NOON-1PM	2311	0.0	261	0.0	OFF	2311	0	261	0.00	0	62.1	62.1	62.1	27.3	27.3
1-2 PM	2216	0.0	250	0.0	OFF	2216	0	250	0.00	0	62.3	62.3	62.3	27.4	27.4
2-3 PM	2095	0.0	237	0.0	OFF	2095	0	237	0.00	0	62.5	62.5	62.5	27.6	27.6
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	2128	0.0	240	0.0	OFF	2128	0	240	0.00	0	62.4	62.4	62.4	27.5	27.5
5-6 PM	1772	0.0	200	0.0	OFF	1772	0	200	0.00	0	63.1	63.1	63.1	27.9	27.9
6-7 PM	1583	0.0	179	0.0	1499	1583	0	179	3.23	61	63.5	32.5	30.8	28.1	28.1
7-8 PM	1121	0.0	127	0.0	1500	1121	0	127	0.91	11	64.3	50.6	39.4	28.6	28.6
8-9 PM	953	0.0	108	0.0	1500	953	0	108	0.51	0	64.6	56.0	41.9	28.8	28.8
9-10 PM	962	0.0	109	0.0	1500	962	0	109	0.52	0	64.6	56.0	41.8	28.8	28.8
10-11 PM	750	0.0	85	0.0	1500	750	0	85	0.50	0	65.0	56.6	42.6	29.0	29.0
11PM-MID	560	0.0	63	0.0	1500	560	0	63	0.48	0	65.3	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 (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	0.0175
MAIN ROUTE WITH WORKS	0.0168
DIVERSION	0.0380

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$2,624
CONGESTED HOURS PER DAY*	0

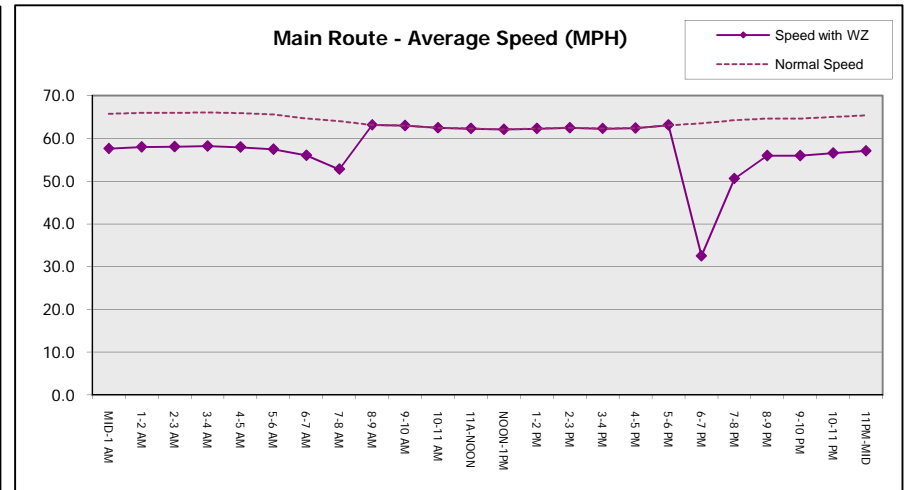
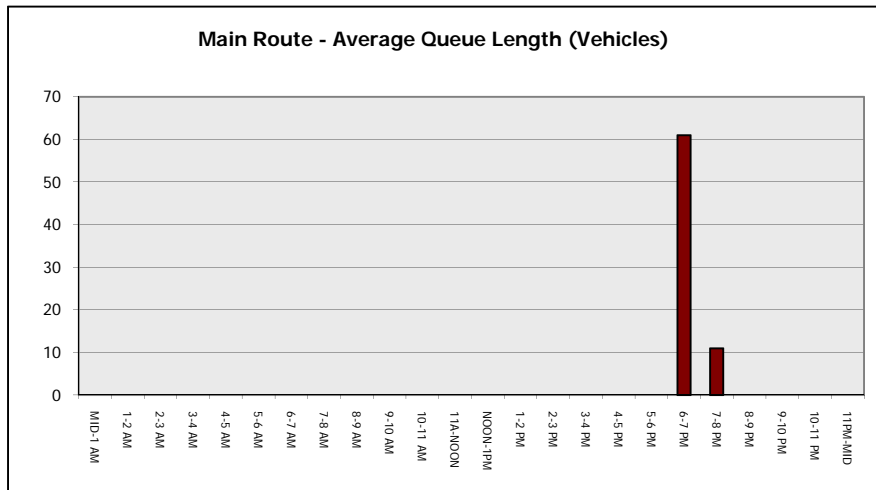
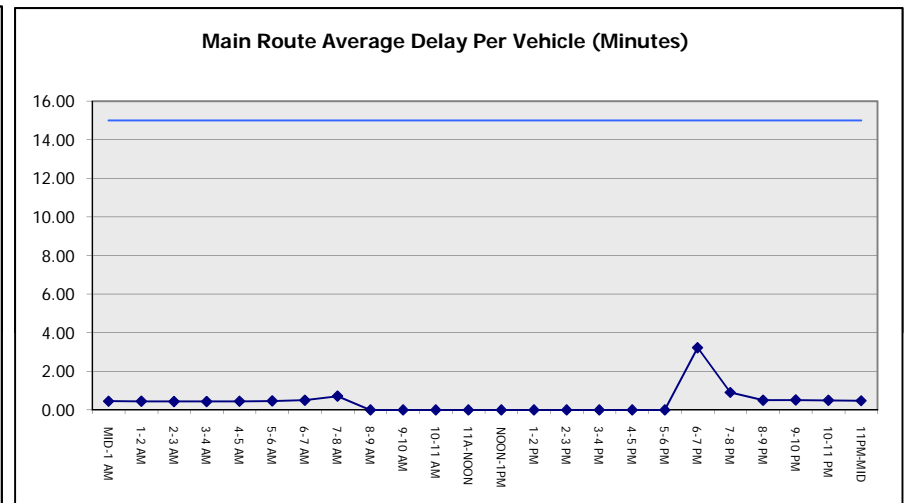
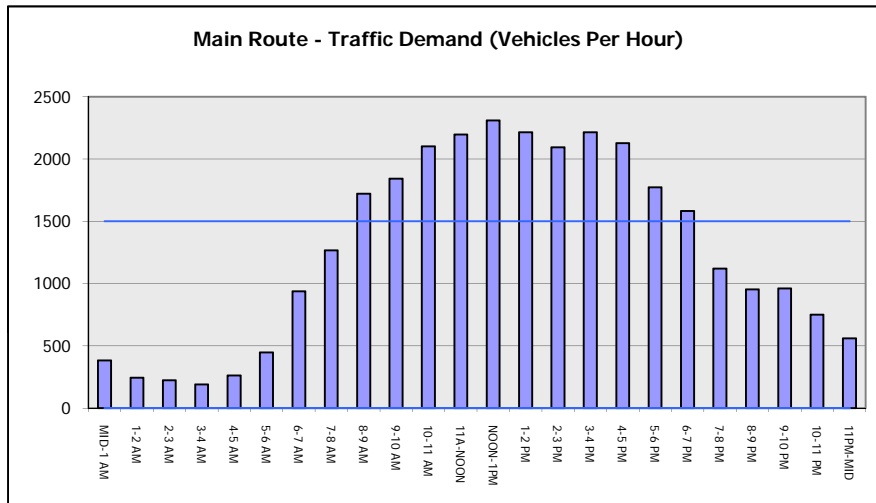
\*Delays Exceeding 15 Minutes

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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**

**SATURDAY 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**

SATURDAY 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	295	0.0	33	0.0	1500	295	0	33	0.45	0	65.8	57.9	44.3	29.5	29.5	
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	179	0.0	20	0.0	1500	179	0	20	0.44	0	66.1	58.2	44.8	29.6	29.6	
3-4 AM	131	0.0	15	0.0	1500	131	0	15	0.44	0	66.1	58.4	45.0	29.7	29.7	
4-5 AM	184	0.0	21	0.0	1500	184	0	21	0.44	0	66.0	58.2	44.8	29.6	29.6	
5-6 AM	338	0.0	38	0.0	1500	338	0	38	0.46	0	65.8	57.8	44.2	29.4	29.4	
6-7 AM	608	0.0	68	0.0	1500	608	0	68	0.48	0	65.3	56.9	43.1	29.2	29.2	
7-8 AM	916	0.0	104	0.0	1500	916	0	104	0.51	0	64.7	56.1	42.0	28.8	28.8	
8-9 AM	1376	0.0	155	0.0	OFF	1376	0	155	0.00	0	63.8	63.8	63.8	28.3	28.3	
9-10 AM	1551	0.0	175	0.0	OFF	1551	0	175	0.00	0	63.5	63.5	63.5	28.1	28.1	
10-11 AM	1780	0.0	201	0.0	OFF	1780	0	201	0.00	0	63.1	63.1	63.1	27.9	27.9	
11A-NOON	1959	0.0	221	0.0	OFF	1959	0	221	0.00	0	62.7	62.7	62.7	27.7	27.7	
NOON-1PM	1910	0.0	216	0.0	OFF	1910	0	216	0.00	0	62.8	62.8	62.8	27.8	27.8	
1-2 PM	2011	0.0	227	0.0	OFF	2011	0	227	0.00	0	62.7	62.7	62.7	27.6	27.6	
2-3 PM	2040	0.0	230	0.0	OFF	2040	0	230	0.00	0	62.6	62.6	62.6	27.6	27.6	
3-4 PM	2006	0.0	226	0.0	OFF	2006	0	226	0.00	0	62.7	62.7	62.7	27.6	27.6	
4-5 PM	2120	0.0	239	0.0	OFF	2120	0	239	0.00	0	62.4	62.4	62.4	27.6	27.6	
5-6 PM	2070	0.0	233	0.0	OFF	2070	0	233	0.00	0	62.5	62.5	62.5	27.6	27.6	
6-7 PM	1638	0.0	184	0.0	1499	1638	0	184	4.24	92	63.3	28.2	30.8	28.1	28.1	
7-8 PM	1311	0.0	148	0.0	1499	1311	0	148	2.60	60	64.0	36.1	33.3	28.4	28.4	
8-9 PM	1277	0.0	144	0.0	1500	1277	0	144	0.74	0	64.0	52.5	36.1	28.4	28.4	
9-10 PM	1073	0.0	121	0.0	1500	1073	0	121	0.53	0	64.4	55.6	41.4	28.6	28.6	
10-11 PM	910	0.0	103	0.0	1500	910	0	103	0.51	0	64.7	56.1	42.0	28.8	28.8	
11PM-MID	652	0.0	73	0.0	1500	652	0	73	0.49	0	65.1	56.8	42.9	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	0.0163
MAIN ROUTE WITH WORKS	0.0157
DIVERSION	0.0355

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$3,692
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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

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 Construction Season

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

