

<b>IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)</b> <b>CONTINUOUS (24 HOUR) 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	1500	637	0	72	0.48	0	65.2	56.9	43.0	29.1	29.1
6-7 AM	1442	0.0	162	0.0	1499	1442	0	162	1.31	14	63.7	45.9	33.6	28.3	28.3
7-8 AM	2050	0.0	231	0.0	1500	1980	70	301	10.85	308	62.6	15.3	30.8	27.6	27.0
8-9 AM	1921	0.0	217	0.0	1499	1474	447	664	20.71	532	62.8	9.7	30.8	27.8	23.9
9-10 AM	1637	0.0	184	0.0	1499	1429	207	392	18.27	466	63.3	10.3	30.8	28.1	26.3
10-11 AM	1612	0.0	182	0.0	1500	1504	108	291	17.47	444	63.4	10.6	30.8	28.1	27.1
11A-NOON	1705	0.0	193	0.0	1500	1526	178	371	18.09	461	63.2	10.4	30.8	28.0	26.5
NOON-1PM	1843	0.0	207	0.0	1500	1532	311	518	19.32	494	63.0	10.1	30.8	27.8	25.2
1-2 PM	1795	0.0	202	0.0	1499	1494	301	503	19.19	491	63.0	10.1	30.8	27.9	25.3
2-3 PM	2162	0.0	244	0.0	1500	1634	528	772	21.84	564	62.3	9.4	30.8	27.5	23.0
3-4 PM	2783	0.0	314	0.0	1500	1788	996	1310+	29.29	777	58.0	8.3	30.8	26.8	18.5
4-5 PM	3205	0.0	361	0.0	1499	1604	1601	1962+	38.34	1032	53.7	7.5	30.8	26.4	15.3
5-6 PM	3164	0.0	357	0.0	1499	1500	1665	2021+	39.35	1058	54.1	7.4	30.8	26.4	15.0
6-7 PM	2074	0.0	233	0.0	1499	1010	1064	1297+	29.72	784	62.5	8.3	30.8	27.6	18.6
7-8 PM	1329	0.0	150	0.0	1499	1231	98	247	15.47	397	63.9	11.6	30.8	28.4	27.5
8-9 PM	1146	0.0	129	0.0	1499	1146	0	129	3.38	110	64.3	32.0	36.1	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

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0131
DIVERSION	0.1253

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$165,696
CONGESTED HOURS PER DAY*	12

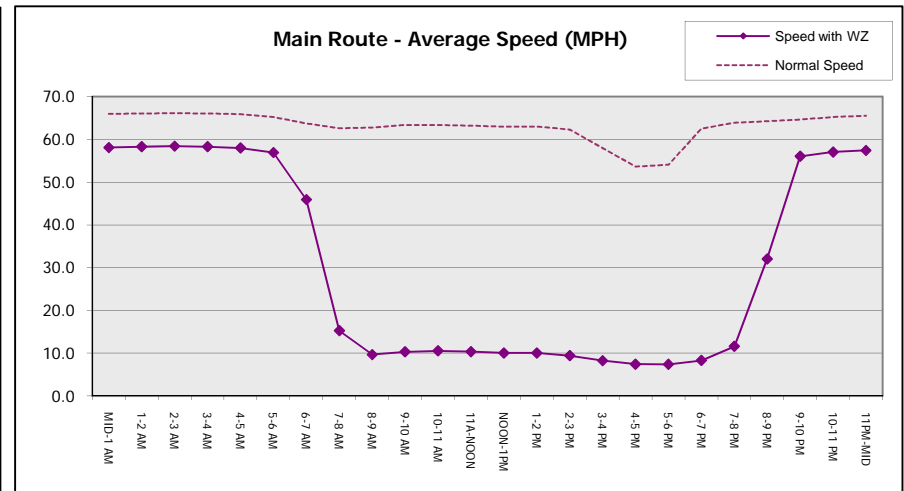
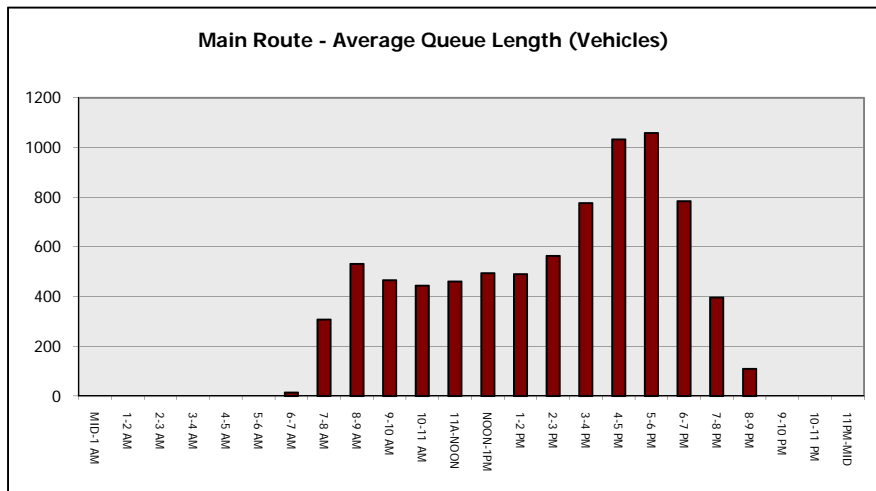
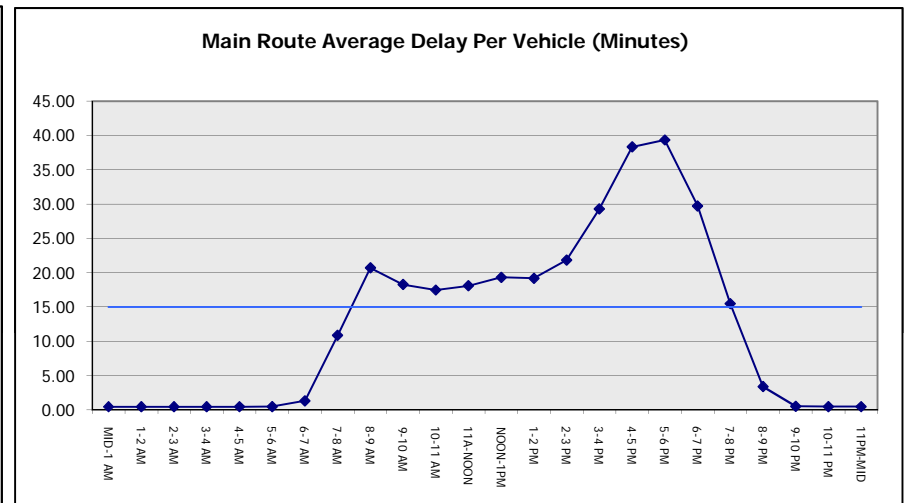
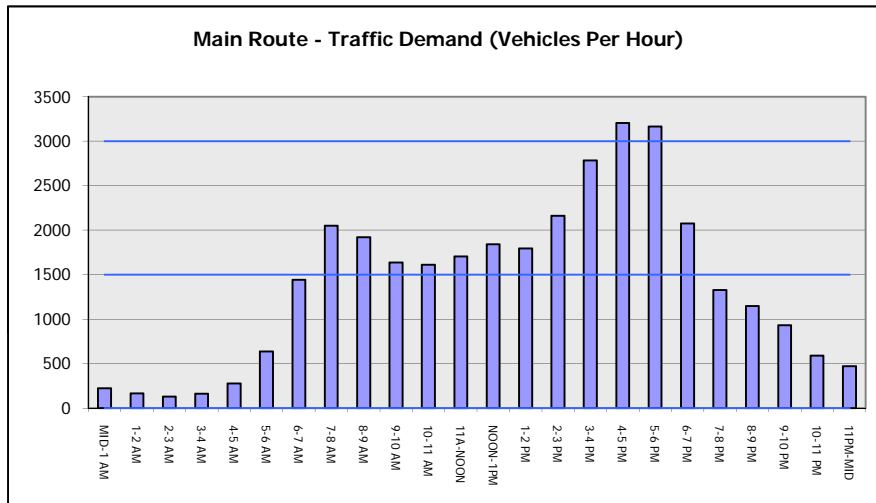
\*Delays Exceeding 15 Minutes

**IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)**  
**CONTINUOUS (24 HOUR) 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>CONTINUOUS (24 HOUR) 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	1499	1135	0	128	0.69	0	64.3	53.3	37.5	28.6	28.6
6-7 AM	2491	0.0	280	0.0	1499	2242	249	530	12.20	382	61.0	14.5	30.8	27.1	25.1
7-8 AM	3385	0.0	382	0.0	1125	1090	2295	2677+	45.93	906	51.8	5.9	36.7	26.2	15.6
8-9 AM	2558	0.0	289	0.0	750	521	2038	2327+	36.64	472	60.3	5.6	42.7	27.1	14.7
9-10 AM	1812	0.0	204	0.0	1500	1491	322	526	19.40	496	63.0	10.0	30.8	27.9	25.1
10-11 AM	1621	0.0	183	0.0	1500	1473	148	331	17.79	452	63.3	10.4	30.8	28.1	26.8
11A-NOON	1589	0.0	179	0.0	1500	1498	92	270	17.32	439	63.4	10.6	30.8	28.1	27.3
NOON-1PM	1605	0.0	181	0.0	1500	1507	98	279	17.39	441	63.4	10.6	30.8	28.1	27.3
1-2 PM	1716	0.0	194	0.0	1500	1530	186	380	18.16	462	63.2	10.4	30.8	27.9	26.4
2-3 PM	1873	0.0	211	0.0	1500	1544	329	540	19.52	500	62.9	10.0	30.8	27.8	25.0
3-4 PM	2073	0.0	233	0.0	1500	1559	514	747	21.56	556	62.5	9.5	30.8	27.6	23.2
4-5 PM	2132	0.0	241	0.0	1499	1519	613	853	22.75	588	62.4	9.3	30.8	27.5	22.3
5-6 PM	2233	0.0	252	0.0	1500	1514	719	971	24.22	628	62.2	9.0	30.8	27.4	21.3
6-7 PM	1530	0.0	173	0.0	1499	1270	260	432	18.47	474	63.5	10.3	30.8	28.2	26.0
7-8 PM	1098	0.0	123	0.0	1499	1098	0	123	6.36	200	64.3	22.2	35.0	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

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0125
DIVERSION	0.1273

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$157,255
CONGESTED HOURS PER DAY*	12

\*Delays Exceeding 15 Minutes

**IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)**  
**CONTINUOUS (24 HOUR) 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**

