

<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**

**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	1499	1722	0	195	3.90	93	63.2	29.5	30.8	27.9	27.9
9-10 AM	1841	0.0	207	0.0	1500	1777	64	271	14.30	372	63.0	12.3	30.8	27.8	27.3
10-11 AM	2103	0.0	238	0.0	1499	1594	510	747	21.57	556	62.5	9.5	30.8	27.6	23.2
11A-NOON	2198	0.0	248	0.0	1499	1532	667	915	23.49	608	62.3	9.1	30.8	27.4	21.8
NOON-1PM	2311	0.0	261	0.0	1500	1539	772	1033	25.04	650	62.1	8.9	30.8	27.3	20.8
1-2 PM	2216	0.0	250	0.0	1499	1457	759	1009	24.73	641	62.3	8.9	30.8	27.4	21.0
2-3 PM	2095	0.0	237	0.0	1499	1461	634	870	22.96	593	62.5	9.3	30.8	27.6	22.2
3-4 PM	2216	0.0	250	0.0	1500	1543	673	923	23.60	611	62.3	9.1	30.8	27.4	21.7
4-5 PM	2128	0.0	240	0.0	1499	1455	674	913	23.49	608	62.4	9.1	30.8	27.5	21.8
5-6 PM	1772	0.0	200	0.0	1499	1389	382	582	19.94	511	63.1	9.9	30.8	27.9	24.6
6-7 PM	1583	0.0	179	0.0	1500	1453	130	309	17.63	448	63.5	10.5	30.8	28.1	27.0
7-8 PM	1121	0.0	127	0.0	1499	1121	0	127	8.89	252	64.3	17.6	33.7	28.6	28.6
8-9 PM	953	0.0	108	0.0	1500	953	0	108	0.57	1	64.6	55.2	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

*----- 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	0.0128
DIVERSION	0.0961

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$142,898
CONGESTED HOURS PER DAY*	9

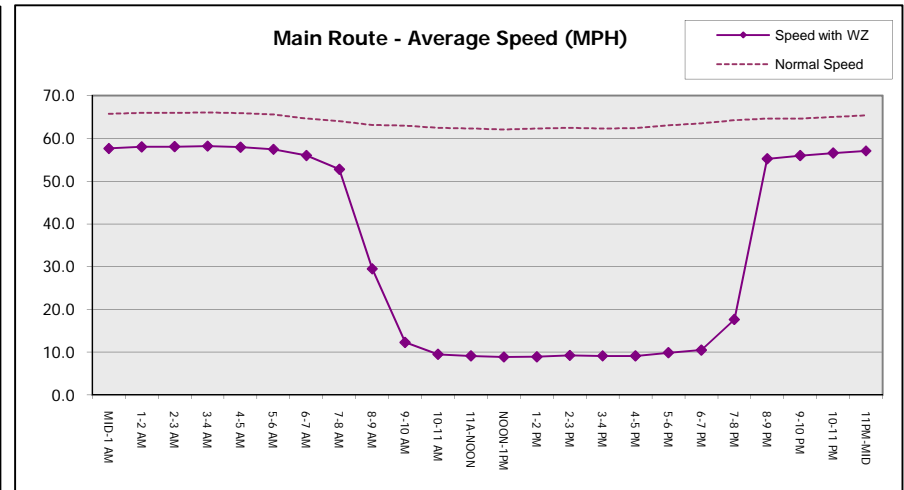
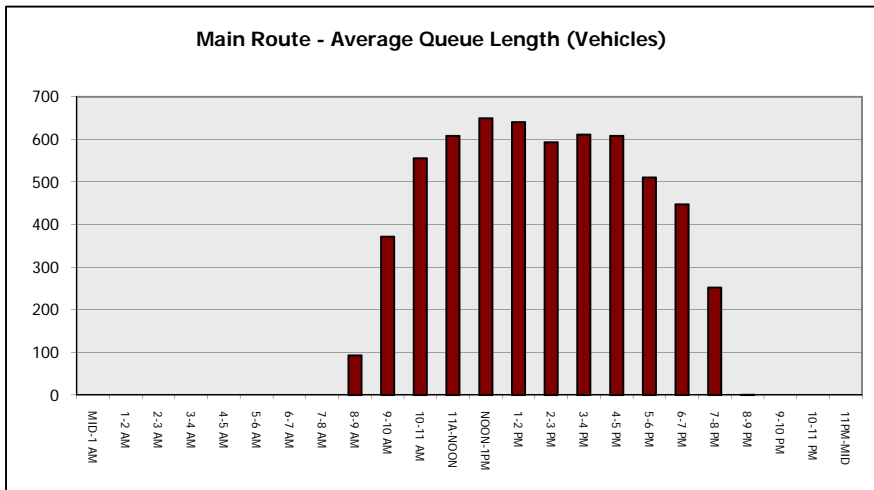
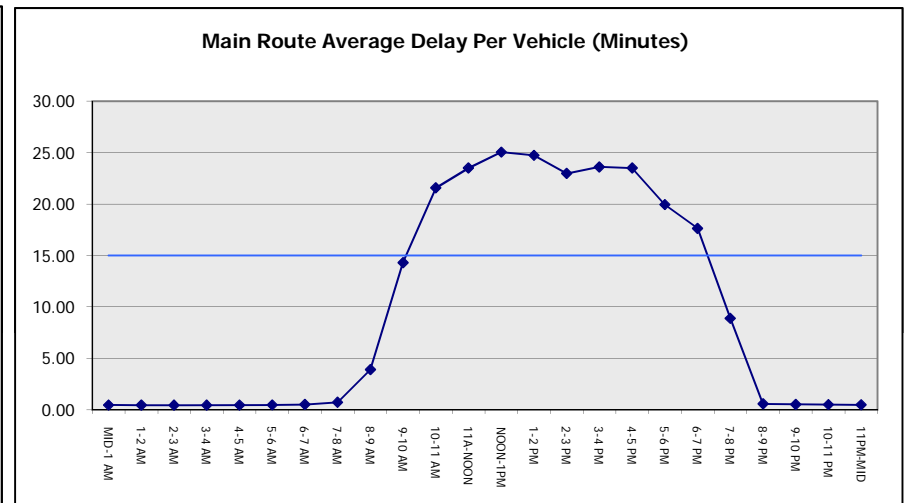
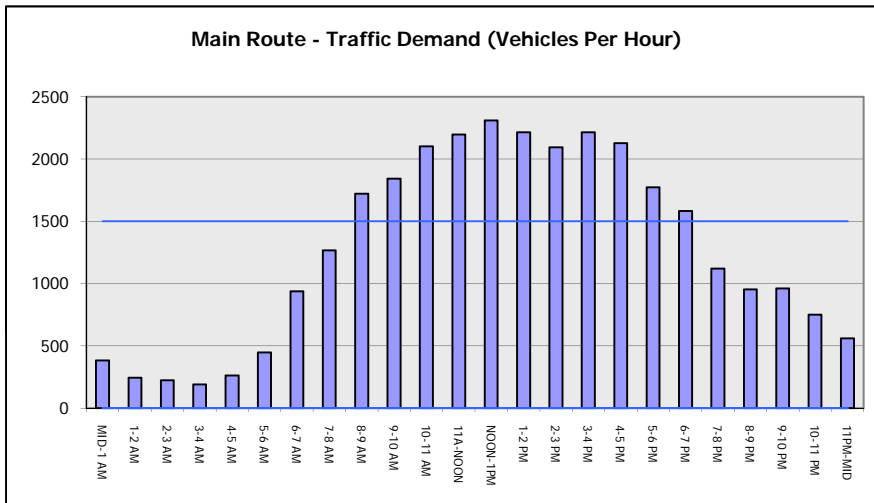
\*Delays Exceeding 15 Minutes

**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**

**SATURDAY 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**

SATURDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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		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	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	1499	1376	0	155	0.86	0	63.8	50.9	33.7	28.3	28.3
9-10 AM	1551	0.0	175	0.0	1499	1551	0	175	1.45	12	63.5	44.5	30.8	28.1	28.1
10-11 AM	1780	0.0	201	0.0	1500	1780	0	201	6.92	178	63.1	20.9	30.8	27.9	27.9
11A-NOON	1959	0.0	221	0.0	1499	1706	253	474	18.45	475	62.7	10.4	30.8	27.7	25.5
NOON-1PM	1910	0.0	216	0.0	1499	1487	423	638	20.45	525	62.8	9.7	30.8	27.8	24.2
1-2 PM	2011	0.0	227	0.0	1500	1533	478	705	21.12	543	62.7	9.6	30.8	27.6	23.5
2-3 PM	2040	0.0	230	0.0	1499	1506	535	765	21.75	560	62.6	9.5	30.8	27.6	23.0
3-4 PM	2006	0.0	226	0.0	1499	1492	514	740	21.49	553	62.7	9.5	30.8	27.6	23.3
4-5 PM	2120	0.0	239	0.0	1500	1537	583	822	22.39	578	62.4	9.4	30.8	27.6	22.5
5-6 PM	2070	0.0	233	0.0	1499	1468	602	836	22.56	582	62.5	9.3	30.8	27.6	22.5
6-7 PM	1638	0.0	184	0.0	1499	1373	264	449	18.77	480	63.3	10.2	30.8	28.1	25.8
7-8 PM	1311	0.0	148	0.0	1499	1311	0	148	13.72	348	64.0	12.6	30.8	28.4	28.4
8-9 PM	1277	0.0	144	0.0	1500	1277	0	144	5.50	138	64.0	24.3	32.2	28.4	28.4
9-10 PM	1073	0.0	121	0.0	1500	1072	0	121	0.54	0	64.4	55.4	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

*----- 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	0.0126
DIVERSION	0.0759

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$113,528
CONGESTED HOURS PER DAY*	8

\*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**

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 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SATURDAY EASTBOUND DIRECTION**

