

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	AUGUST
	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	370	0.0	42	0.0	1500	370	0	42	0.46	0	65.7	57.6	44.0	29.4	29.4
1-2 AM	231	0.0	26	0.0	1500	231	0	26	0.44	0	66.0	58.1	44.6	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	202	0.0	23	0.0	1500	202	0	23	0.44	0	66.0	58.1	44.6	29.6	29.6
4-5 AM	293	0.0	33	0.0	1500	293	0	33	0.45	0	65.8	57.9	44.3	29.5	29.5
5-6 AM	683	0.0	77	0.0	1500	683	0	77	0.49	0	65.1	56.8	42.8	29.1	29.1
6-7 AM	1473	0.0	166	0.0	1499	1473	0	166	1.41	17	63.7	44.9	33.0	28.3	28.3
7-8 AM	2005	0.0	226	0.0	1500	1965	40	266	10.34	291	62.7	15.8	30.8	27.6	27.3
8-9 AM	2220	0.0	250	0.0	1499	1595	626	876	23.02	596	62.2	9.3	30.8	27.4	22.1
9-10 AM	2158	0.0	243	0.0	1499	1484	674	917	23.52	609	62.3	9.1	30.8	27.5	21.8
10-11 AM	2479	0.0	279	0.0	1500	1634	845	1124	26.33	688	61.1	8.7	30.8	27.1	20.1
11A-NOON	2541	0.0	287	0.0	1499	1540	1001	1288+	28.99	760	60.5	8.3	30.8	27.1	18.7
NOON-1PM	2794	0.0	315	0.0	1499	1641	1153	1468+	32.48	861	57.9	7.9	30.8	26.8	17.2
1-2 PM	2801	0.0	316	0.0	1499	1540	1261	1577+	35.26	936	57.8	7.7	30.8	26.8	16.3
2-3 PM	3208	0.0	362	0.0	1499	1555	1653	2016+	38.79	1045	53.7	7.4	30.8	26.4	15.2
3-4 PM	3675	0.0	414	0.0	1499	1500	2175	2589+	38.68	1058	48.9	7.4	30.8	25.9	15.0
4-5 PM	3458	0.0	390	0.0	1499	1500	1958	2349+	38.98	1058	51.0	7.4	30.8	26.1	15.0
5-6 PM	3330	0.0	376	0.0	1499	1500	1830	2205+	39.15	1058	52.4	7.4	30.8	26.3	15.0
6-7 PM	3142	0.0	355	0.0	1499	1498	1644	1999+	39.35	1058	54.3	7.4	30.8	26.5	15.0
7-8 PM	2121	0.0	240	0.0	1499	1042	1079	1319+	30.08	792	62.4	8.3	30.8	27.5	18.4
8-9 PM	1574	0.0	178	0.0	1499	1352	222	400	18.36	469	63.5	10.3	30.8	28.1	26.2
9-10 PM	1310	0.0	148	0.0	1499	1310	0	148	13.24	335	64.0	13.0	30.8	28.4	28.4
10-11 PM	1074	0.0	121	0.0	1499	1074	0	121	2.11	67	64.4	39.5	38.4	28.6	28.6
11PM-MID	884	0.0	99	0.0	1500	884	0	99	0.51	0	64.7	56.2	42.1	28.9	28.9

+ 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	0.0253
MAIN ROUTE WITH WORKS	0.0142
DIVERSION	0.2336

PIA: Personal Injury Accidents

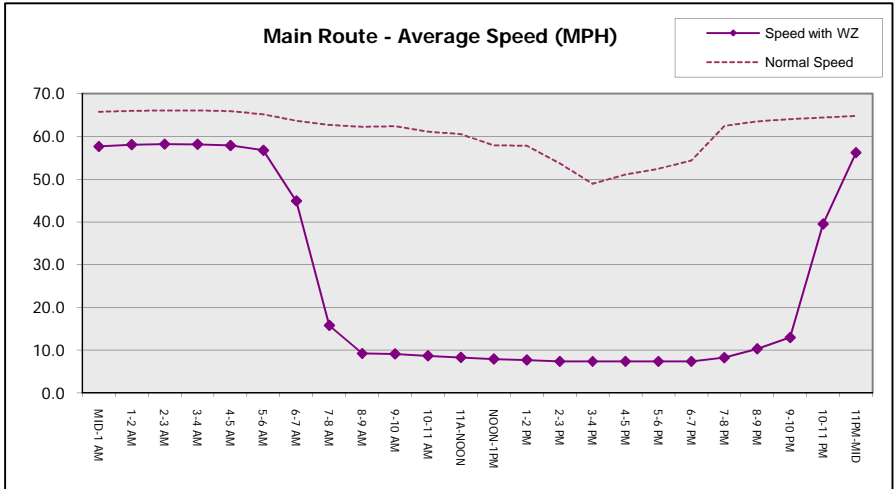
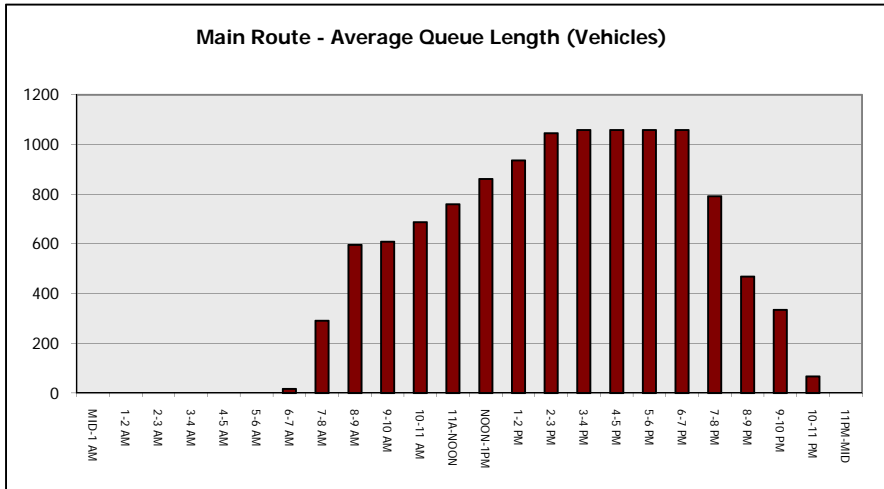
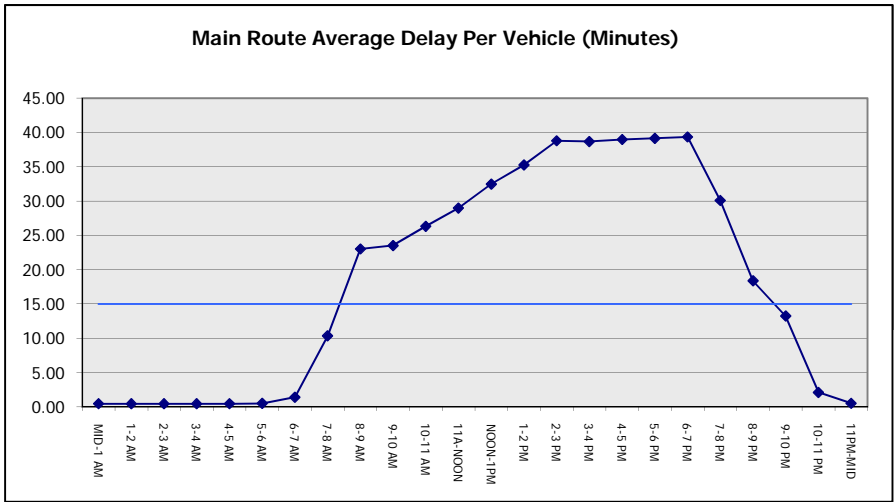
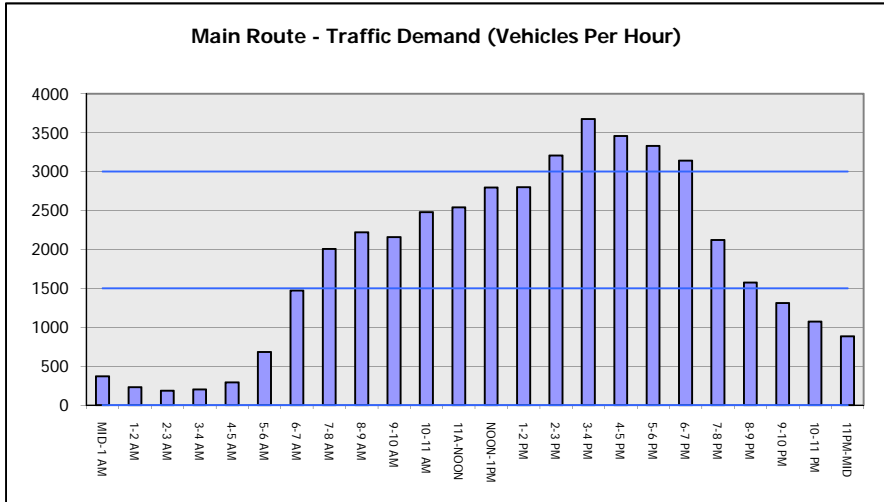
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$316,860
CONGESTED HOURS PER DAY*	13

*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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	AUGUST
	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	308	0.0	35	0.0	1500	308	0	35	0.45	0	65.8	57.8	44.3	29.5	29.5
1-2 AM	198	0.0	22	0.0	1500	198	0	22	0.44	0	66.0	58.1	44.7	29.6	29.6
2-3 AM	174	0.0	20	0.0	1500	174	0	20	0.44	0	66.1	58.2	44.8	29.6	29.6
3-4 AM	198	0.0	22	0.0	1500	198	0	22	0.44	0	66.0	58.1	44.7	29.6	29.6
4-5 AM	382	0.0	43	0.0	1500	382	0	43	0.46	0	65.7	57.6	44.0	29.4	29.4
5-6 AM	1013	0.0	114	0.0	1499	1013	0	114	0.58	0	64.5	55.0	40.1	28.8	28.8
6-7 AM	2056	0.0	232	0.0	1499	2056	0	232	6.77	216	62.5	21.1	30.8	27.6	27.6
7-8 AM	2969	0.0	335	0.0	1499	1938	1031	1366+	30.41	815	56.1	8.1	30.8	26.6	18.1
8-9 AM	2444	0.0	275	0.0	1499	1243	1201	1476+	33.10	871	61.5	7.9	30.8	27.2	17.1
9-10 AM	2095	0.0	237	0.0	1499	1339	756	992	24.55	637	62.5	9.0	30.8	27.6	21.1
10-11 AM	2141	0.0	242	0.0	1500	1522	618	860	22.83	590	62.4	9.3	30.8	27.5	22.2
11A-NOON	2162	0.0	244	0.0	1499	1508	654	897	23.28	602	62.3	9.2	30.8	27.5	21.9
NOON-1PM	2215	0.0	250	0.0	1500	1523	692	942	23.84	617	62.3	9.1	30.8	27.4	21.5
1-2 PM	2336	0.0	264	0.0	1500	1552	784	1048	25.25	656	62.0	8.9	30.8	27.3	20.7
2-3 PM	2480	0.0	279	0.0	1500	1566	914	1193	27.41	716	61.1	8.5	30.8	27.1	19.4
3-4 PM	2577	0.0	291	0.0	1499	1552	1025	1316+	29.49	774	60.1	8.3	30.8	27.1	18.4
4-5 PM	2645	0.0	298	0.0	1499	1539	1107	1405+	31.17	822	59.4	8.1	30.8	27.0	17.7
5-6 PM	2627	0.0	296	0.0	1499	1480	1148	1444+	32.06	845	59.6	8.0	30.8	27.0	17.4
6-7 PM	2104	0.0	238	0.0	1499	1244	860	1098	26.11	681	62.5	8.8	30.8	27.6	20.2
7-8 PM	1660	0.0	187	0.0	1500	1376	283	471	18.95	485	63.3	10.1	30.8	28.0	25.6
8-9 PM	1428	0.0	161	0.0	1499	1416	12	173	15.87	401	63.7	11.2	30.8	28.3	28.2
9-10 PM	1382	0.0	156	0.0	1500	1382	0	156	12.42	309	63.8	13.7	30.8	28.3	28.3
10-11 PM	987	0.0	111	0.0	1499	987	0	111	1.98	65	64.5	40.5	39.3	28.8	28.8
11PM-MID	723	0.0	82	0.0	1500	723	0	82	0.49	0	65.0	56.6	42.7	29.1	29.1

+ 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	0.0225
MAIN ROUTE WITH WORKS	0.0143
DIVERSION	0.1714

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$230,184
CONGESTED HOURS PER DAY*	14

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

