

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

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	1500	659	0	74	0.49	0	65.1	56.8	42.9	29.1	29.1
6-7 AM	1464	0.0	165	0.0	1499	1464	0	165	1.39	17	63.7	45.1	33.3	28.3	28.3
7-8 AM	2040	0.0	230	0.0	1500	1972	69	299	10.96	310	62.6	15.2	30.8	27.6	27.0
8-9 AM	2040	0.0	230	0.0	1499	1516	525	755	21.65	557	62.6	9.5	30.8	27.6	23.2
9-10 AM	1827	0.0	206	0.0	1499	1440	387	593	20.03	513	63.0	9.9	30.8	27.8	24.5
10-11 AM	1925	0.0	217	0.0	1500	1537	388	605	20.12	516	62.8	9.8	30.8	27.8	24.4
11A-NOON	2075	0.0	234	0.0	1500	1552	523	758	21.67	558	62.5	9.5	30.8	27.6	23.1
NOON-1PM	2304	0.0	260	0.0	1500	1585	719	979	24.31	631	62.1	9.0	30.8	27.3	21.2
1-2 PM	2439	0.0	275	0.0	1499	1566	873	1148	26.72	697	61.5	8.6	30.8	27.2	19.8
2-3 PM	2776	0.0	313	0.0	1500	1694	1082	1395+	30.92	819	58.1	8.1	30.8	26.8	17.8
3-4 PM	3453	0.0	389	0.0	1499	1539	1914	2303+	38.63	1048	51.1	7.4	30.8	26.1	15.1
4-5 PM	3786	0.0	427	0.0	1499	1500	2286	2713+	38.52	1058	47.7	7.4	30.8	25.8	15.0
5-6 PM	3706	0.0	418	0.0	1499	1500	2206	2624+	38.64	1058	48.5	7.4	30.8	25.8	15.0
6-7 PM	2571	0.0	290	0.0	1499	1304	1267	1557+	35.02	925	60.2	7.8	30.8	27.1	16.4
7-8 PM	1655	0.0	186	0.0	1499	1149	506	692	21.23	553	63.3	9.6	30.8	28.1	23.7
8-9 PM	1282	0.0	144	0.0	1499	1282	0	144	13.03	332	64.0	13.2	30.9	28.4	28.4
9-10 PM	1055	0.0	119	0.0	1499	1055	0	119	1.82	53	64.4	41.7	38.9	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

+ 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	0.0227
MAIN ROUTE WITH WORKS	0.0136
DIVERSION	0.1901

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$246,159
CONGESTED HOURS PER DAY*	12

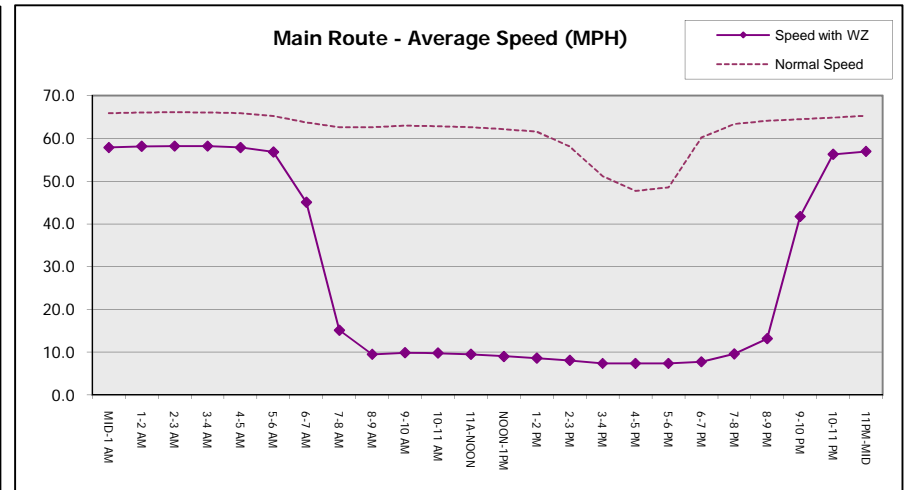
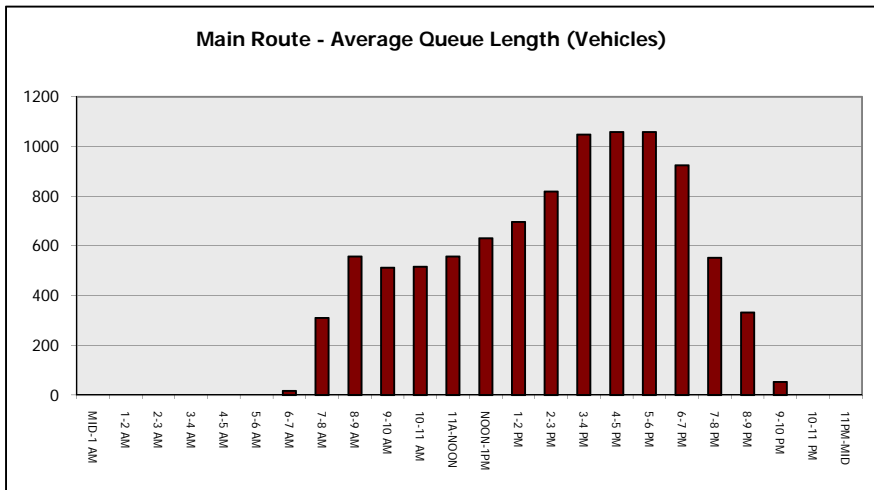
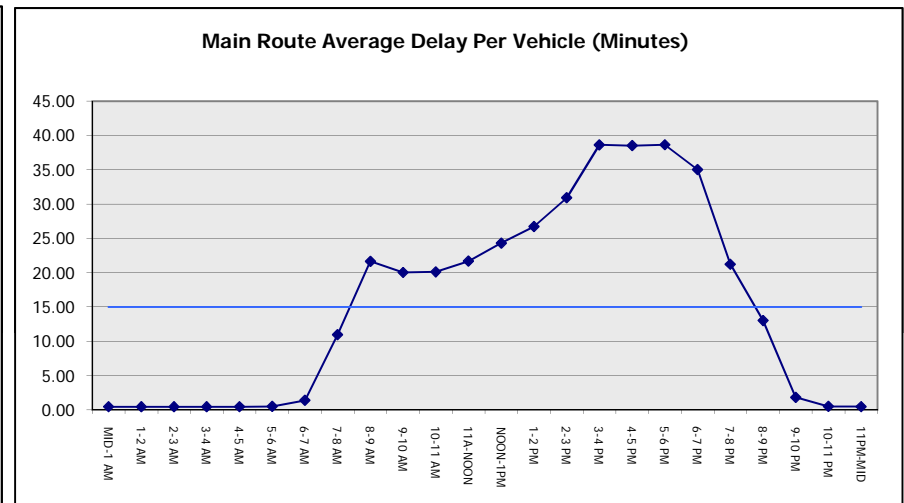
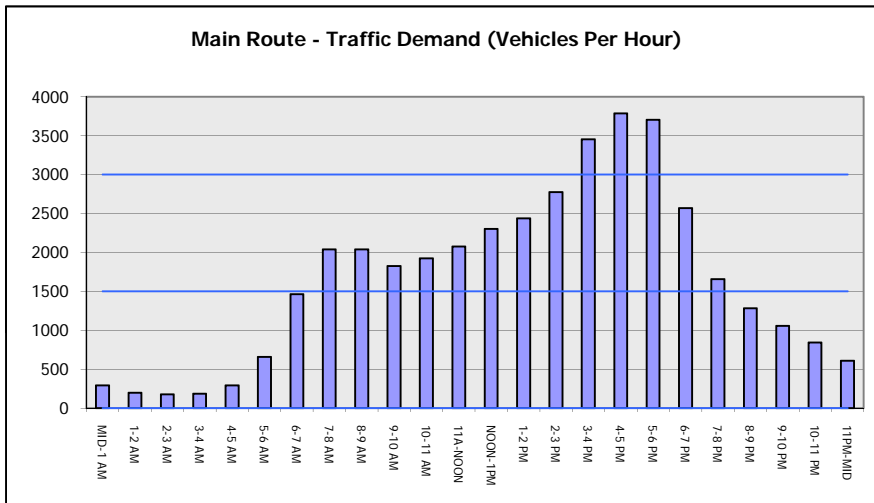
*Delays Exceeding 15 Minutes

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

FRIDAY WESTBOUND DIRECTION



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

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 DIVERTING	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	1499	1107	0	125	0.66	0	64.3	53.7	38.1	28.6	28.6
6-7 AM	2310	0.0	261	0.0	1499	2155	155	416	10.12	318	62.1	16.3	30.8	27.3	26.0
7-8 AM	3113	0.0	351	0.0	1499	1938	1175	1526+	33.84	912	54.6	7.8	30.8	26.5	16.7
8-9 AM	2416	0.0	272	0.0	1499	1139	1277	1549+	35.09	926	61.7	7.8	30.8	27.2	16.5
9-10 AM	1821	0.0	205	0.0	1499	1245	575	780	22.05	572	63.0	9.4	30.8	27.9	22.9
10-11 AM	1648	0.0	186	0.0	1500	1475	173	359	18.01	458	63.3	10.4	30.8	28.1	26.6
11A-NOON	1782	0.0	201	0.0	1500	1538	244	445	18.70	477	63.1	10.2	30.8	27.9	25.8
NOON-1PM	1790	0.0	202	0.0	1499	1502	288	490	19.08	487	63.0	10.1	30.8	27.9	25.4
1-2 PM	1921	0.0	217	0.0	1500	1546	376	592	20.01	513	62.8	9.9	30.8	27.8	24.5
2-3 PM	2248	0.0	253	0.0	1500	1612	635	889	23.18	600	62.2	9.2	30.8	27.4	22.0
3-4 PM	2432	0.0	274	0.0	1499	1571	860	1135	26.51	691	61.6	8.6	30.8	27.2	19.9
4-5 PM	2419	0.0	273	0.0	1499	1499	920	1193	27.45	716	61.7	8.5	30.8	27.2	19.4
5-6 PM	2580	0.0	291	0.0	1500	1561	1019	1310+	29.37	771	60.1	8.3	30.8	27.1	18.5
6-7 PM	2060	0.0	232	0.0	1499	1261	800	1032	25.15	655	62.5	8.9	30.8	27.6	20.8
7-8 PM	1534	0.0	173	0.0	1500	1355	179	352	17.87	456	63.5	10.4	30.8	28.2	26.6
8-9 PM	1236	0.0	139	0.0	1499	1236	0	139	10.92	282	64.1	15.1	31.5	28.5	28.5
9-10 PM	979	0.0	111	0.0	1500	979	0	111	0.97	18	64.6	50.0	41.5	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

+ 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	0.0205
MAIN ROUTE WITH WORKS	0.0138
DIVERSION	0.1405

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$189,944
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**

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

