

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

SUNDAY 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	333	0.0	38	0.0	1500	333	0	38	0.45	0	65.8	57.8	44.2	29.4	29.4
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	165	0.0	19	0.0	1500	165	0	19	0.44	0	66.1	58.2	44.8	29.6	29.6
3-4 AM	114	0.0	13	0.0	1500	114	0	13	0.43	0	66.2	58.4	45.0	29.7	29.7
4-5 AM	120	0.0	14	0.0	1500	120	0	14	0.43	0	66.1	58.4	45.0	29.7	29.7
5-6 AM	226	0.0	25	0.0	1500	226	0	25	0.44	0	66.0	58.1	44.6	29.6	29.6
6-7 AM	418	0.0	47	0.0	1500	418	0	47	0.46	0	65.6	57.5	43.8	29.4	29.4
7-8 AM	711	0.0	81	0.0	1500	711	0	81	0.49	0	65.1	56.6	42.7	29.1	29.1
8-9 AM	1064	0.0	120	0.0	1499	1064	0	120	0.55	0	64.4	55.3	40.7	28.7	28.7
9-10 AM	1511	0.0	171	0.0	1499	1511	0	171	1.36	11	63.6	45.4	31.5	28.2	28.2
10-11 AM	1722	0.0	195	0.0	1500	1722	0	195	5.69	139	63.2	23.7	30.8	27.9	27.9
11A-NOON	2096	0.0	237	0.0	1500	1819	277	513	18.25	478	62.5	10.5	30.8	27.6	25.2
NOON-1PM	2190	0.0	247	0.0	1499	1532	658	905	23.37	605	62.3	9.2	30.8	27.4	21.9
1-2 PM	2275	0.0	256	0.0	1500	1528	747	1003	24.64	639	62.2	8.9	30.8	27.4	21.1
2-3 PM	2198	0.0	248	0.0	1499	1467	731	979	24.33	630	62.3	9.0	30.8	27.4	21.2
3-4 PM	2132	0.0	241	0.0	1500	1476	656	896	23.27	602	62.4	9.2	30.8	27.5	21.9
4-5 PM	2100	0.0	237	0.0	1500	1478	622	859	22.82	589	62.5	9.3	30.8	27.6	22.2
5-6 PM	1701	0.0	192	0.0	1499	1378	324	515	19.34	495	63.2	10.1	30.8	28.0	25.2
6-7 PM	1388	0.0	157	0.0	1499	1368	19	176	15.50	392	63.8	11.5	30.8	28.3	28.1
7-8 PM	1136	0.0	128	0.0	1499	1136	0	128	4.66	150	64.3	26.9	35.2	28.6	28.6
8-9 PM	961	0.0	108	0.0	1500	961	0	108	0.52	0	64.6	56.0	41.8	28.8	28.8
9-10 PM	673	0.0	76	0.0	1500	673	0	76	0.49	0	65.1	56.8	42.8	29.1	29.1
10-11 PM	468	0.0	52	0.0	1500	468	0	52	0.47	0	65.5	57.4	43.7	29.3	29.3
11PM-MID	314	0.0	36	0.0	1500	314	0	36	0.45	0	65.8	57.8	44.2	29.5	29.5

----- 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	0.0150
MAIN ROUTE WITH WORKS	0.0112
DIVERSION	0.0772

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$114,988
CONGESTED HOURS PER DAY*	8

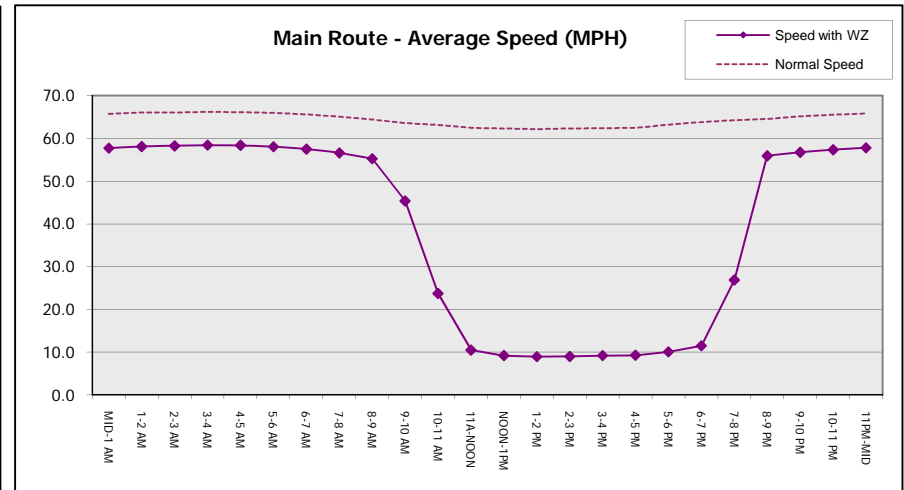
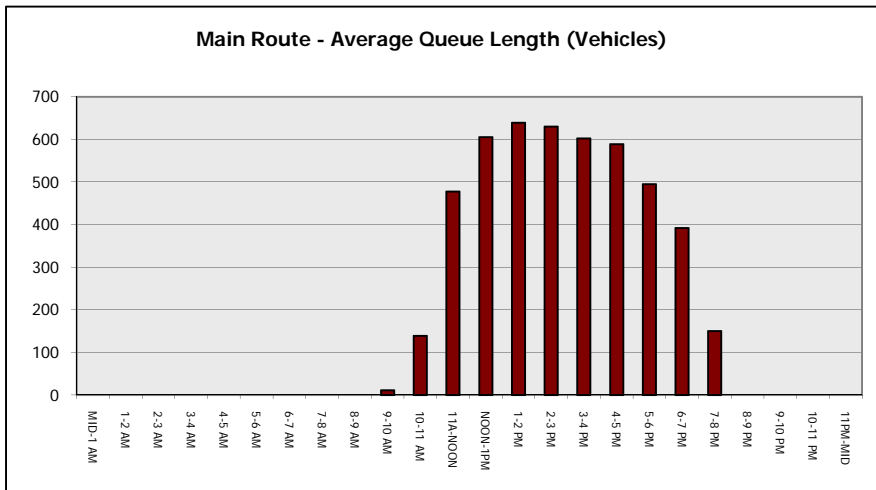
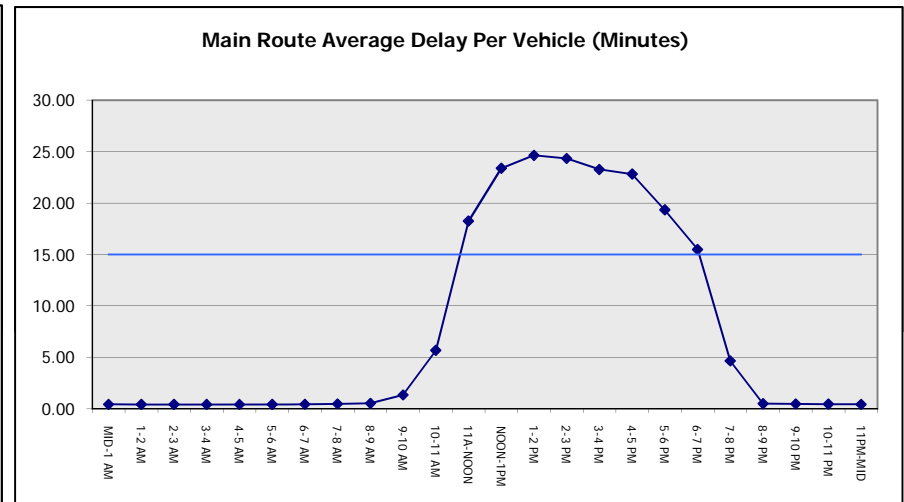
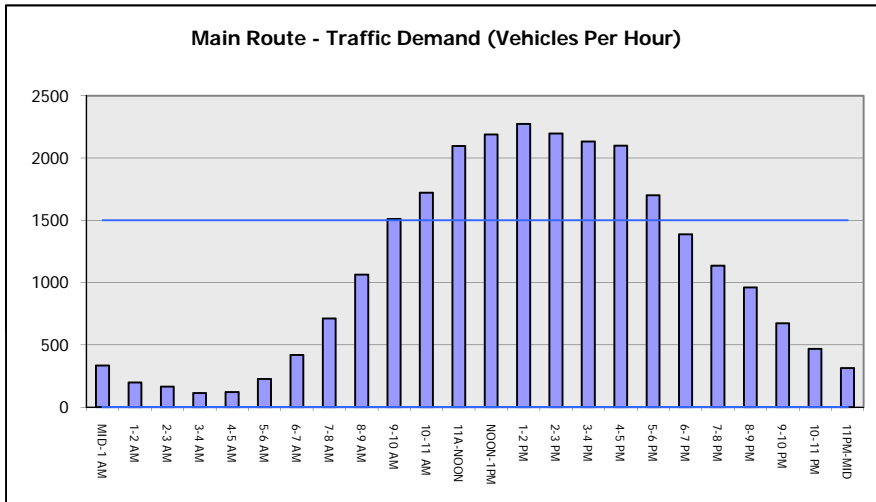
*Delays Exceeding 15 Minutes

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY 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

SUNDAY 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	334	0.0	38	0.0	1500	334	0	38	0.45	0	65.8	57.8	44.2	29.4	29.4
1-2 AM	248	0.0	28	0.0	1500	248	0	28	0.45	0	66.0	58.0	44.5	29.6	29.6
2-3 AM	134	0.0	15	0.0	1500	134	0	15	0.44	0	66.1	58.4	45.0	29.7	29.7
3-4 AM	141	0.0	16	0.0	1500	141	0	16	0.44	0	66.1	58.3	44.9	29.7	29.7
4-5 AM	137	0.0	16	0.0	1500	137	0	16	0.44	0	66.1	58.3	45.0	29.7	29.7
5-6 AM	132	0.0	15	0.0	1500	132	0	15	0.44	0	66.1	58.4	45.0	29.7	29.7
6-7 AM	321	0.0	37	0.0	1500	321	0	37	0.45	0	65.8	57.8	44.2	29.4	29.4
7-8 AM	515	0.0	58	0.0	1500	515	0	58	0.47	0	65.5	57.3	43.5	29.2	29.2
8-9 AM	759	0.0	86	0.0	1500	759	0	86	0.50	0	65.0	56.5	42.5	29.0	29.0
9-10 AM	1198	0.0	135	0.0	1499	1198	0	135	0.65	0	64.1	53.8	38.3	28.5	28.5
10-11 AM	1640	0.0	185	0.0	1499	1640	0	185	2.40	44	63.3	37.2	30.8	28.1	28.1
11A-NOON	1998	0.0	225	0.0	1500	1902	95	320	13.09	356	62.7	13.3	30.8	27.7	26.9
NOON-1PM	2264	0.0	255	0.0	1499	1608	657	912	23.47	608	62.2	9.1	30.8	27.4	21.8
1-2 PM	2277	0.0	256	0.0	1499	1506	771	1028	24.98	648	62.2	8.9	30.8	27.4	20.9
2-3 PM	2410	0.0	272	0.0	1500	1560	850	1122	26.33	686	61.8	8.7	30.8	27.2	20.1
3-4 PM	2532	0.0	286	0.0	1500	1555	978	1263+	28.56	748	60.5	8.4	30.8	27.1	18.9
4-5 PM	2434	0.0	274	0.0	1499	1456	978	1252+	28.44	743	61.5	8.4	30.8	27.2	19.0
5-6 PM	2494	0.0	282	0.0	1500	1514	979	1261+	28.54	747	61.0	8.4	30.8	27.1	18.9
6-7 PM	2081	0.0	234	0.0	1499	1319	762	997	24.63	640	62.5	8.9	30.8	27.6	21.1
7-8 PM	1781	0.0	201	0.0	1500	1414	367	568	19.80	507	63.1	9.9	30.8	27.9	24.7
8-9 PM	1579	0.0	178	0.0	1500	1447	132	310	17.63	448	63.5	10.5	30.8	28.1	27.0
9-10 PM	1074	0.0	121	0.0	1499	1074	0	121	7.56	235	64.4	19.7	35.3	28.6	28.6
10-11 PM	660	0.0	74	0.0	1500	660	0	74	0.49	0	65.1	56.8	42.9	29.1	29.1
11PM-MID	394	0.0	44	0.0	1500	394	0	44	0.46	0	65.6	57.6	43.9	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	0.0169
MAIN ROUTE WITH WORKS	0.0116
DIVERSION	0.1093

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$167,824
CONGESTED HOURS PER DAY*	9

*Delays Exceeding 15 Minutes

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 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
SUNDAY EASTBOUND DIRECTION

