

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) OFF-PEAK DAY 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	OFF	333	0	38	0.00	0	65.8	65.8	65.8	29.4	29.4
1-2 AM	198	0.0	22	0.0	OFF	198	0	22	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	165	0.0	19	0.0	OFF	165	0	19	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	114	0.0	13	0.0	OFF	114	0	13	0.00	0	66.2	66.2	66.2	29.7	29.7
4-5 AM	120	0.0	14	0.0	OFF	120	0	14	0.00	0	66.1	66.1	66.1	29.7	29.7
5-6 AM	226	0.0	25	0.0	OFF	226	0	25	0.00	0	66.0	66.0	66.0	29.6	29.6
6-7 AM	418	0.0	47	0.0	OFF	418	0	47	0.00	0	65.6	65.6	65.6	29.4	29.4
7-8 AM	711	0.0	81	0.0	OFF	711	0	81	0.00	0	65.1	65.1	65.1	29.1	29.1
8-9 AM	1064	0.0	120	0.0	OFF	1064	0	120	0.00	0	64.4	64.4	64.4	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	OFF	1136	0	128	0.29	17	64.3	59.1	59.1	28.6	28.6
8-9 PM	961	0.0	108	0.0	OFF	961	0	108	0.00	0	64.6	64.6	64.6	28.8	28.8
9-10 PM	673	0.0	76	0.0	OFF	673	0	76	0.00	0	65.1	65.1	65.1	29.1	29.1
10-11 PM	468	0.0	52	0.0	OFF	468	0	52	0.00	0	65.5	65.5	65.5	29.3	29.3
11PM-MID	314	0.0	36	0.0	OFF	314	0	36	0.00	0	65.8	65.8	65.8	29.5	29.5

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0150
MAIN ROUTE WITH WORKS	0.0117
DIVERSION	0.0772

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$111,252
CONGESTED HOURS PER DAY*	8

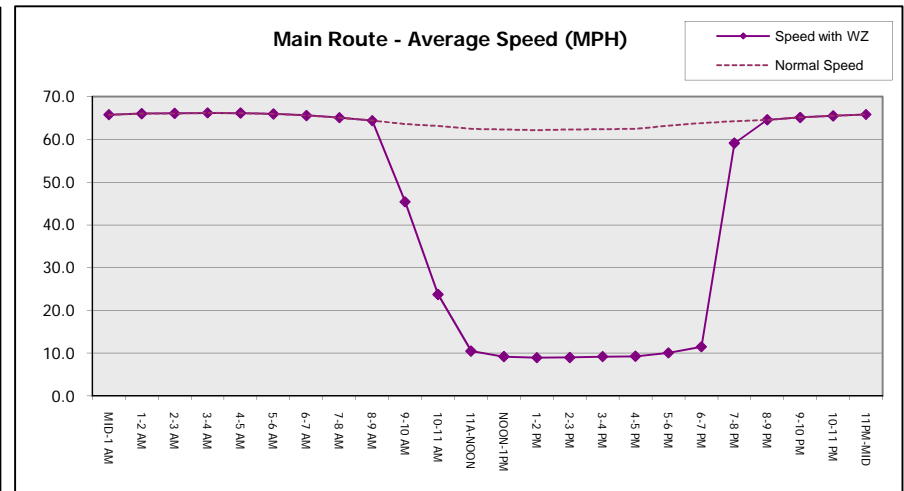
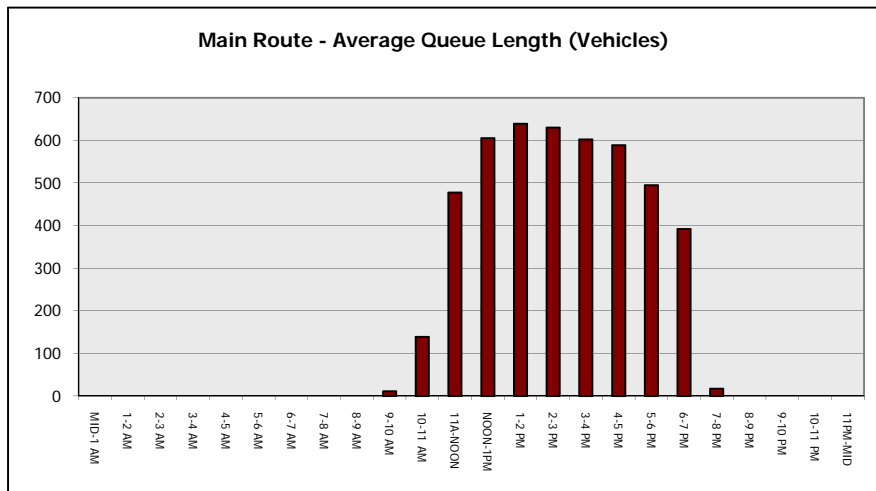
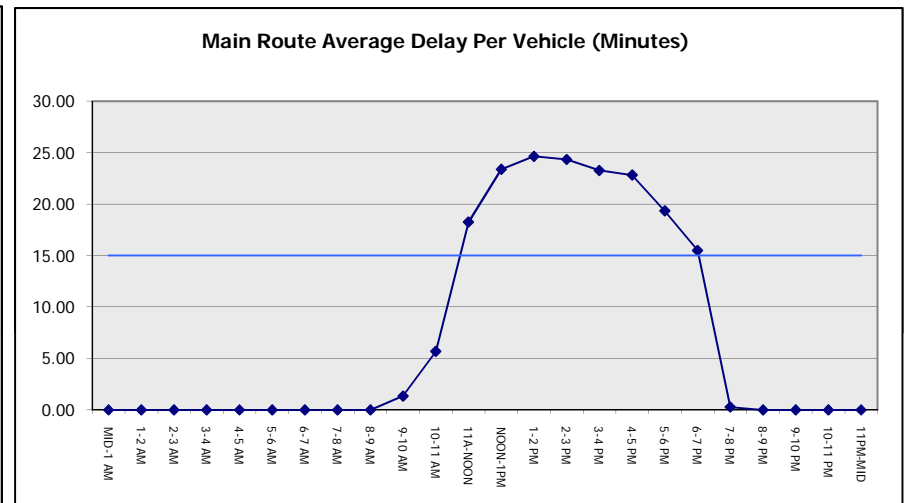
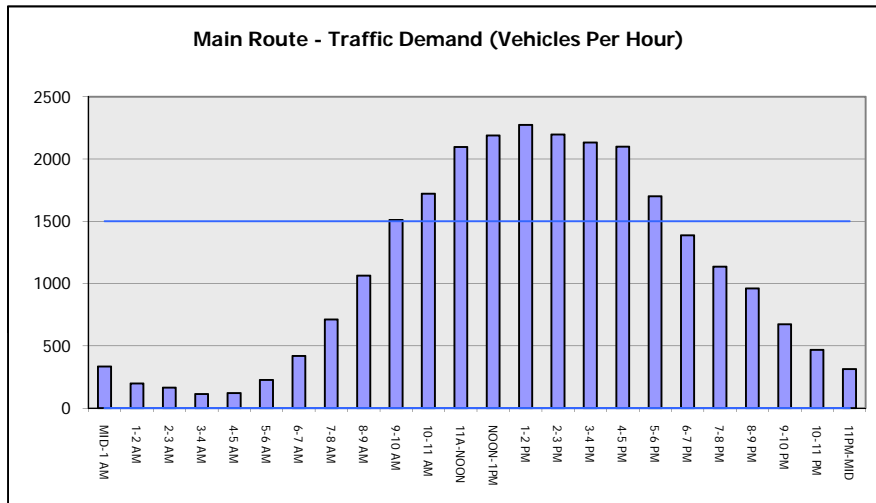
*Delays Exceeding 15 Minutes

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OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

MAY
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY WESTBOUND DIRECTION



IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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		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	OFF	334	0	38	0.00	0	65.8	65.8	65.8	29.4	29.4
1-2 AM	248	0.0	28	0.0	OFF	248	0	28	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	134	0.0	15	0.0	OFF	134	0	15	0.00	0	66.1	66.1	66.1	29.7	29.7
3-4 AM	141	0.0	16	0.0	OFF	141	0	16	0.00	0	66.1	66.1	66.1	29.7	29.7
4-5 AM	137	0.0	16	0.0	OFF	137	0	16	0.00	0	66.1	66.1	66.1	29.7	29.7
5-6 AM	132	0.0	15	0.0	OFF	132	0	15	0.00	0	66.1	66.1	66.1	29.7	29.7
6-7 AM	321	0.0	37	0.0	OFF	321	0	37	0.00	0	65.8	65.8	65.8	29.4	29.4
7-8 AM	515	0.0	58	0.0	OFF	515	0	58	0.00	0	65.5	65.5	65.5	29.2	29.2
8-9 AM	759	0.0	86	0.0	OFF	759	0	86	0.00	0	65.0	65.0	65.0	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	OFF	1781	0	201	1.11	70	63.1	47.6	47.6	27.9	27.9
8-9 PM	1579	0.0	178	0.0	OFF	1579	0	178	0.00	0	63.5	63.5	63.5	28.1	28.1
9-10 PM	1074	0.0	121	0.0	OFF	1074	0	121	0.00	0	64.4	64.4	64.4	28.6	28.6
10-11 PM	660	0.0	74	0.0	OFF	660	0	74	0.00	0	65.1	65.1	65.1	29.1	29.1
11PM-MID	394	0.0	44	0.0	OFF	394	0	44	0.00	0	65.6	65.6	65.6	29.4	29.4

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ 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	0.0124
DIVERSION	0.1038

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$144,096
CONGESTED HOURS PER DAY*	7

*Delays Exceeding 15 Minutes

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OFF-PEAK DAY 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

