

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	AUGUST
	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	564	0.0	64	0.0	OFF	564	0	64	0.00	0	65.3	65.3	65.3	29.2	29.2
1-2 AM	273	0.0	30	0.0	OFF	273	0	30	0.00	0	65.9	65.9	65.9	29.5	29.5
2-3 AM	177	0.0	20	0.0	OFF	177	0	20	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	119	0.0	14	0.0	OFF	119	0	14	0.00	0	66.1	66.1	66.1	29.7	29.7
4-5 AM	111	0.0	13	0.0	OFF	111	0	13	0.00	0	66.2	66.2	66.2	29.7	29.7
5-6 AM	206	0.0	23	0.0	OFF	206	0	23	0.00	0	66.0	66.0	66.0	29.6	29.6
6-7 AM	458	0.0	51	0.0	OFF	458	0	51	0.00	0	65.5	65.5	65.5	29.3	29.3
7-8 AM	785	0.0	89	0.0	OFF	785	0	89	0.00	0	64.9	64.9	64.9	28.9	28.9
8-9 AM	1274	0.0	143	0.0	OFF	1274	0	143	0.00	0	64.0	64.0	64.0	28.4	28.4
9-10 AM	1642	0.0	185	0.0	1499	1642	0	185	2.33	43	63.3	37.6	30.8	28.1	28.1
10-11 AM	2156	0.0	243	0.0	1500	1960	196	439	14.73	405	62.3	12.4	30.8	27.5	25.8
11A-NOON	2467	0.0	278	0.0	1499	1639	829	1107	26.08	681	61.2	8.7	30.8	27.1	20.2
NOON-1PM	2527	0.0	285	0.0	1499	1525	1002	1287+	28.98	759	60.6	8.3	30.8	27.1	18.7
1-2 PM	2359	0.0	266	0.0	1499	1428	931	1197	27.53	718	62.0	8.5	30.8	27.3	19.4
2-3 PM	2555	0.0	288	0.0	1500	1586	969	1257+	28.43	745	60.3	8.4	30.8	27.1	18.9
3-4 PM	2420	0.0	273	0.0	1499	1435	986	1259+	28.57	746	61.7	8.4	30.8	27.2	18.9
4-5 PM	2318	0.0	262	0.0	1500	1443	875	1137	26.57	692	62.0	8.6	30.8	27.3	19.9
5-6 PM	1969	0.0	222	0.0	1499	1365	604	826	22.48	581	62.7	9.3	30.8	27.7	22.5
6-7 PM	1645	0.0	185	0.0	1500	1418	227	413	18.45	470	63.3	10.2	30.8	28.1	26.1
7-8 PM	1463	0.0	165	0.0	OFF	1463	0	165	0.62	38	63.7	53.9	53.9	28.3	28.3
8-9 PM	1133	0.0	128	0.0	OFF	1133	0	128	0.00	0	64.3	64.3	64.3	28.6	28.6
9-10 PM	990	0.0	112	0.0	OFF	990	0	112	0.00	0	64.5	64.5	64.5	28.8	28.8
10-11 PM	645	0.0	72	0.0	OFF	645	0	72	0.00	0	65.2	65.2	65.2	29.1	29.1
11PM-MID	419	0.0	47	0.0	OFF	419	0	47	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	0.0176
MAIN ROUTE WITH WORKS	0.0128
DIVERSION	0.1113

PIA: Personal Injury Accidents

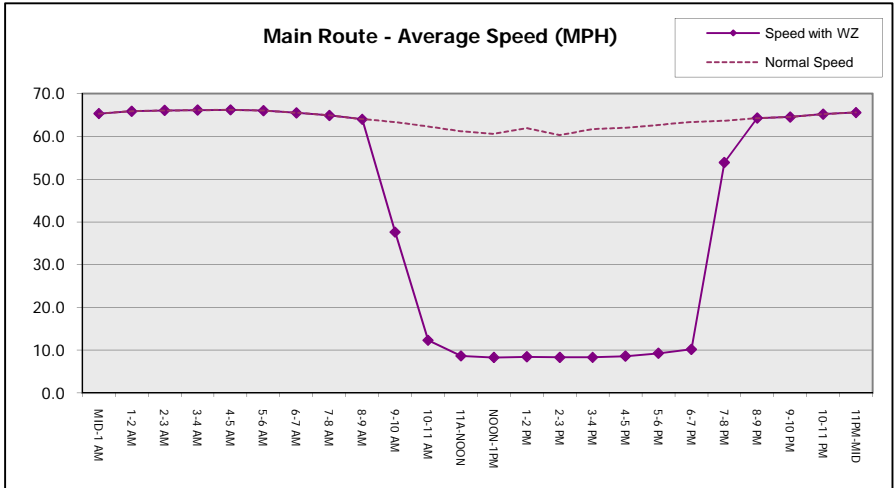
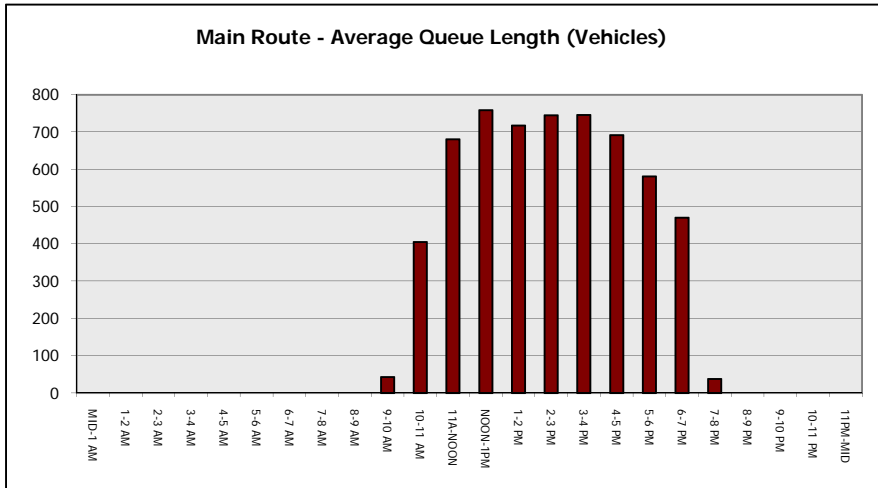
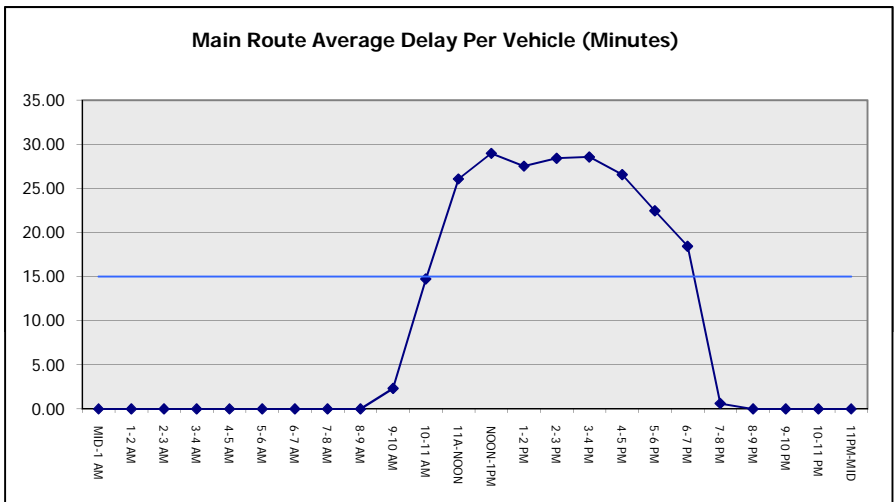
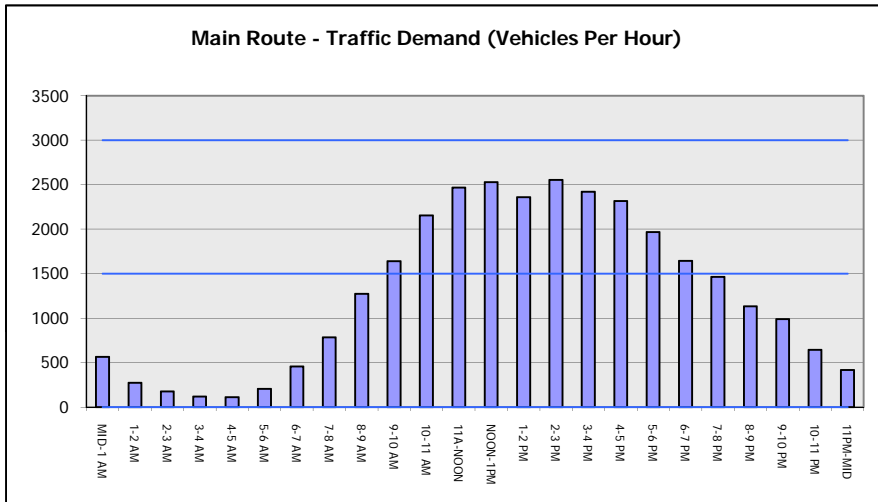
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$160,451
CONGESTED HOURS PER DAY*	8

*Delays Exceeding 15 Minutes

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)
OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

AUGUST
 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) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	AUGUST
	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							
	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	698	0.0	78	0.0	OFF	698	0	78	0.00	0	65.1	65.1	65.1	29.1	29.1
1-2 AM	444	0.0	50	0.0	OFF	444	0	50	0.00	0	65.6	65.6	65.6	29.3	29.3
2-3 AM	256	0.0	29	0.0	OFF	256	0	29	0.00	0	65.9	65.9	65.9	29.6	29.6
3-4 AM	166	0.0	19	0.0	OFF	166	0	19	0.00	0	66.1	66.1	66.1	29.6	29.6
4-5 AM	205	0.0	23	0.0	OFF	205	0	23	0.00	0	66.0	66.0	66.0	29.6	29.6
5-6 AM	203	0.0	23	0.0	OFF	203	0	23	0.00	0	66.0	66.0	66.0	29.6	29.6
6-7 AM	320	0.0	37	0.0	OFF	320	0	37	0.00	0	65.8	65.8	65.8	29.4	29.4
7-8 AM	476	0.0	53	0.0	OFF	476	0	53	0.00	0	65.5	65.5	65.5	29.3	29.3
8-9 AM	860	0.0	97	0.0	OFF	860	0	97	0.00	0	64.8	64.8	64.8	28.9	28.9
9-10 AM	1384	0.0	156	0.0	1499	1384	0	156	0.97	3	63.8	49.6	34.0	28.3	28.3
10-11 AM	2020	0.0	228	0.0	1500	2020	0	228	7.94	238	62.6	18.9	30.8	27.6	27.6
11A-NOON	2527	0.0	285	0.0	1499	1741	786	1070	25.56	669	60.6	8.8	30.8	27.1	20.5
NOON-1PM	2803	0.0	316	0.0	1500	1659	1145	1461+	32.32	857	57.8	7.9	30.8	26.8	17.3
1-2 PM	2882	0.0	325	0.0	1500	1577	1304	1630+	36.69	978	57.0	7.6	30.8	26.7	15.8
2-3 PM	2806	0.0	316	0.0	1500	1473	1334	1650+	37.39	994	57.8	7.5	30.8	26.8	15.6
3-4 PM	2891	0.0	325	0.0	1500	1551	1340	1665+	37.77	1007	56.9	7.5	30.8	26.7	15.5
4-5 PM	2956	0.0	334	0.0	1500	1506	1450	1784+	39.00	1043	56.2	7.4	30.8	26.6	15.2
5-6 PM	2862	0.0	322	0.0	1500	1469	1393	1715+	38.72	1032	57.2	7.5	30.8	26.8	15.3
6-7 PM	2501	0.0	282	0.0	1500	1276	1224	1506+	33.76	890	60.9	7.8	30.8	27.1	16.8
7-8 PM	2468	0.0	278	0.0	OFF	2468	0	278	3.55	201	61.2	30.5	30.5	27.1	27.1
8-9 PM	2270	0.0	256	0.0	OFF	2270	0	256	0.00	0	62.2	62.2	62.2	27.4	27.4
9-10 PM	1493	0.0	168	0.0	OFF	1493	0	168	0.00	0	63.6	63.6	63.6	28.2	28.2
10-11 PM	989	0.0	112	0.0	OFF	989	0	112	0.00	0	64.5	64.5	64.5	28.8	28.8
11PM-MID	494	0.0	55	0.0	OFF	494	0	55	0.00	0	65.5	65.5	65.5	29.3	29.3

"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	0.0212
MAIN ROUTE WITH WORKS	0.0144
DIVERSION	0.1562

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$251,920
CONGESTED HOURS PER DAY*	8

*Delays Exceeding 15 Minutes

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY)
OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

