

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

MON-THUR 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	344	0.0	39	0.0	OFF	344	0	39	0.00	0	65.8	65.8	65.8	29.4	29.4
1-2 AM	199	0.0	22	0.0	OFF	199	0	22	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	158	0.0	18	0.0	OFF	158	0	18	0.00	0	66.1	66.1	66.1	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	280	0.0	31	0.0	OFF	280	0	31	0.00	0	65.9	65.9	65.9	29.5	29.5
5-6 AM	645	0.0	72	0.0	OFF	645	0	72	0.00	0	65.2	65.2	65.2	29.1	29.1
6-7 AM	1414	0.0	159	0.0	OFF	1414	0	159	0.00	0	63.8	63.8	63.8	28.3	28.3
7-8 AM	2003	0.0	226	0.0	OFF	2003	0	226	0.00	0	62.7	62.7	62.7	27.6	27.6
8-9 AM	2080	0.0	234	0.0	OFF	2080	0	234	0.00	0	62.5	62.5	62.5	27.6	27.6
9-10 AM	1944	0.0	219	0.0	1499	1944	0	219	8.00	226	62.8	18.9	30.8	27.8	27.8
10-11 AM	1951	0.0	220	0.0	1499	1590	362	581	19.91	511	62.7	9.9	30.8	27.7	24.7
11A-NOON	1988	0.0	224	0.0	1499	1516	472	696	21.02	540	62.7	9.6	30.8	27.7	23.7
NOON-1PM	2126	0.0	240	0.0	1500	1544	582	822	22.39	578	62.4	9.4	30.8	27.5	22.5
1-2 PM	2106	0.0	238	0.0	1499	1500	607	844	22.65	585	62.5	9.3	30.8	27.6	22.4
2-3 PM	2417	0.0	272	0.0	1500	1639	778	1050	25.29	658	61.7	8.8	30.8	27.2	20.7
3-4 PM	2980	0.0	336	0.0	1500	1818	1162	1498+	33.14	886	56.0	7.9	30.8	26.6	17.0
4-5 PM	3435	0.0	387	0.0	OFF	3435	0	387	12.06	768	51.3	13.3	13.3	26.1	26.1
5-6 PM	3377	0.0	381	0.0	OFF	3377	0	381	3.29	189	51.9	29.0	29.0	26.2	26.2
6-7 PM	2424	0.0	273	0.0	OFF	2424	0	273	0.00	0	61.7	61.7	61.7	27.2	27.2
7-8 PM	1622	0.0	183	0.0	OFF	1622	0	183	0.00	0	63.3	63.3	63.3	28.1	28.1
8-9 PM	1369	0.0	154	0.0	OFF	1369	0	154	0.00	0	63.8	63.8	63.8	28.3	28.3
9-10 PM	1165	0.0	131	0.0	OFF	1165	0	131	0.00	0	64.2	64.2	64.2	28.6	28.6
10-11 PM	1089	0.0	122	0.0	OFF	1089	0	122	0.00	0	64.3	64.3	64.3	28.6	28.6
11PM-MID	713	0.0	81	0.0	OFF	713	0	81	0.00	0	65.1	65.1	65.1	29.1	29.1

"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	0.0218
MAIN ROUTE WITH WORKS	0.0187
DIVERSION	0.0910

PIA: Personal Injury Accidents

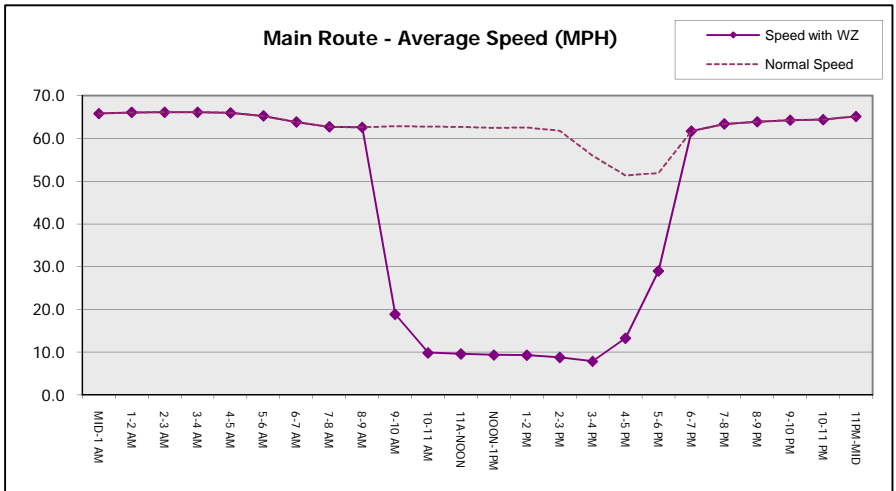
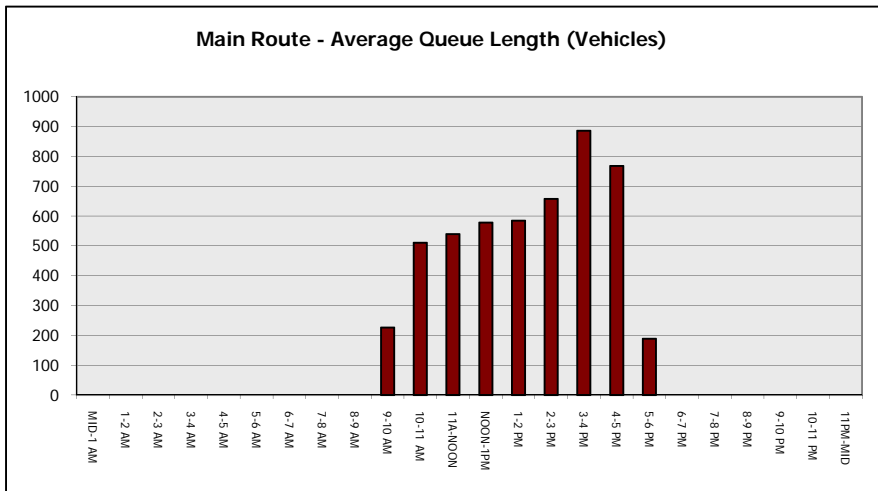
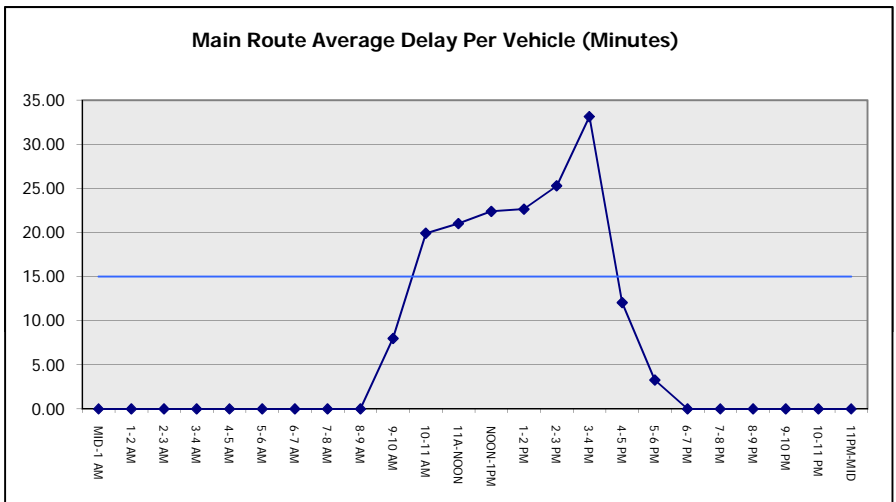
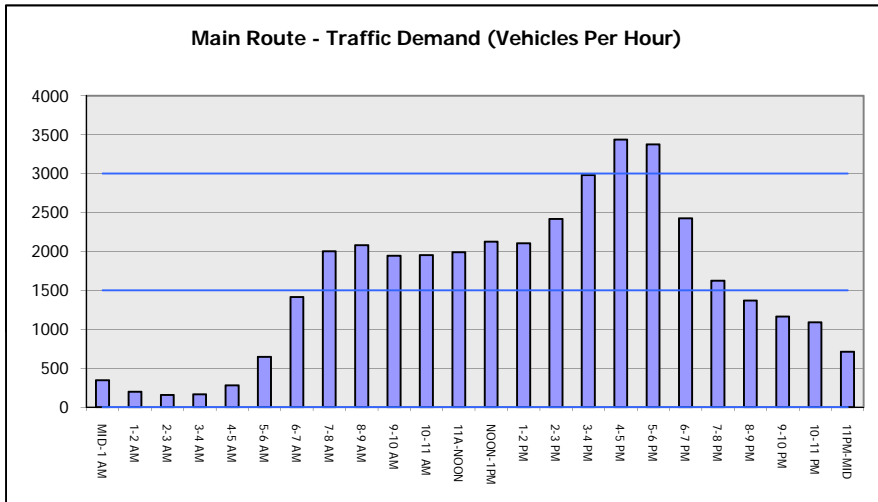
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$89,452
CONGESTED HOURS PER DAY*	6

*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
MON-THUR WESTBOUND DIRECTION



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

MON-THUR 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	260	0.0	29	0.0	OFF	260	0	29	0.00	0	65.9	65.9	65.9	29.6	29.6
1-2 AM	187	0.0	21	0.0	OFF	187	0	21	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	149	0.0	17	0.0	OFF	149	0	17	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	181	0.0	21	0.0	OFF	181	0	21	0.00	0	66.1	66.1	66.1	29.6	29.6
4-5 AM	387	0.0	44	0.0	OFF	387	0	44	0.00	0	65.6	65.6	65.6	29.4	29.4
5-6 AM	1159	0.0	131	0.0	OFF	1159	0	131	0.00	0	64.2	64.2	64.2	28.6	28.6
6-7 AM	2339	0.0	264	0.0	OFF	2339	0	264	0.00	0	62.0	62.0	62.0	27.3	27.3
7-8 AM	3312	0.0	374	0.0	OFF	3312	0	374	0.00	0	52.6	52.6	52.6	26.3	26.3
8-9 AM	2624	0.0	296	0.0	OFF	2624	0	296	0.00	0	59.6	59.6	59.6	27.0	27.0
9-10 AM	2157	0.0	243	0.0	1499	2050	106	349	11.46	331	62.3	14.8	30.8	27.5	26.6
10-11 AM	2085	0.0	235	0.0	1499	1525	561	796	22.10	570	62.5	9.4	30.8	27.6	22.8
11A-NOON	2079	0.0	234	0.0	1500	1499	580	814	22.30	575	62.5	9.4	30.8	27.6	22.6
NOON-1PM	2038	0.0	230	0.0	1499	1488	551	781	21.93	565	62.6	9.4	30.8	27.6	22.9
1-2 PM	2072	0.0	233	0.0	1500	1516	556	789	22.02	568	62.5	9.4	30.8	27.6	22.9
2-3 PM	2219	0.0	250	0.0	1500	1556	664	914	23.48	608	62.2	9.1	30.8	27.4	21.8
3-4 PM	2350	0.0	265	0.0	1499	1556	794	1059	25.41	660	62.0	8.8	30.8	27.3	20.6
4-5 PM	2543	0.0	287	0.0	OFF	2543	0	287	2.92	163	60.4	33.2	33.2	27.1	27.1
5-6 PM	2603	0.0	294	0.0	OFF	2603	0	294	0.00	0	59.8	59.8	59.8	27.0	27.0
6-7 PM	1855	0.0	209	0.0	OFF	1855	0	209	0.00	0	62.9	62.9	62.9	27.8	27.8
7-8 PM	1337	0.0	151	0.0	OFF	1337	0	151	0.00	0	63.9	63.9	63.9	28.4	28.4
8-9 PM	1146	0.0	129	0.0	OFF	1146	0	129	0.00	0	64.3	64.3	64.3	28.6	28.6
9-10 PM	1096	0.0	123	0.0	OFF	1096	0	123	0.00	0	64.3	64.3	64.3	28.6	28.6
10-11 PM	710	0.0	81	0.0	OFF	710	0	81	0.00	0	65.1	65.1	65.1	29.1	29.1
11PM-MID	489	0.0	55	0.0	OFF	489	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)

----- 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	0.0214
MAIN ROUTE WITH WORKS	0.0185
DIVERSION	0.0887

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$72,358
CONGESTED HOURS PER DAY*	6

*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
MON-THUR EASTBOUND DIRECTION

