

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) 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	1500	344	0	39	0.46	0	65.8	57.8	44.1	29.4	29.4
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	158	0.0	18	0.0	1500	158	0	18	0.44	0	66.1	58.2	44.8	29.6	29.6
3-4 AM	166	0.0	19	0.0	1500	166	0	19	0.44	0	66.1	58.2	44.8	29.6	29.6
4-5 AM	280	0.0	31	0.0	1500	280	0	31	0.45	0	65.9	57.9	44.3	29.5	29.5
5-6 AM	645	0.0	72	0.0	1500	645	0	72	0.48	0	65.2	56.9	43.0	29.1	29.1
6-7 AM	1414	0.0	159	0.0	1499	1414	0	159	1.17	10	63.8	47.3	34.0	28.3	28.3
7-8 AM	2003	0.0	226	0.0	1500	1990	13	239	9.37	270	62.7	17.0	30.8	27.6	27.6
8-9 AM	2080	0.0	234	0.0	1499	1541	539	773	21.84	563	62.5	9.4	30.8	27.6	23.0
9-10 AM	1944	0.0	219	0.0	1499	1456	488	707	21.15	544	62.8	9.6	30.8	27.8	23.5
10-11 AM	1951	0.0	220	0.0	1500	1507	445	665	20.71	532	62.7	9.7	30.8	27.7	23.9
11A-NOON	1988	0.0	224	0.0	1500	1515	473	697	21.03	541	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	1499	1500	1935	2323+	39.01	1058	51.3	7.4	30.8	26.1	15.0
5-6 PM	3377	0.0	381	0.0	1499	1500	1877	2258+	39.09	1058	51.9	7.4	30.8	26.2	15.0
6-7 PM	2424	0.0	273	0.0	1499	1163	1261	1534+	34.65	914	61.7	7.8	30.8	27.2	16.6
7-8 PM	1622	0.0	183	0.0	1499	1206	416	599	20.24	524	63.3	9.9	30.8	28.1	24.5
8-9 PM	1369	0.0	154	0.0	1499	1369	0	154	14.63	369	63.8	12.0	30.8	28.3	28.3
9-10 PM	1165	0.0	131	0.0	1499	1165	0	131	4.28	133	64.2	28.3	34.9	28.6	28.6
10-11 PM	1089	0.0	122	0.0	1500	1089	0	122	0.53	0	64.3	55.6	41.4	28.6	28.6
11PM-MID	713	0.0	81	0.0	1500	713	0	81	0.49	0	65.1	56.6	42.7	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	0.0218
MAIN ROUTE WITH WORKS	0.0139
DIVERSION	0.1641

PIA: Personal Injury Accidents

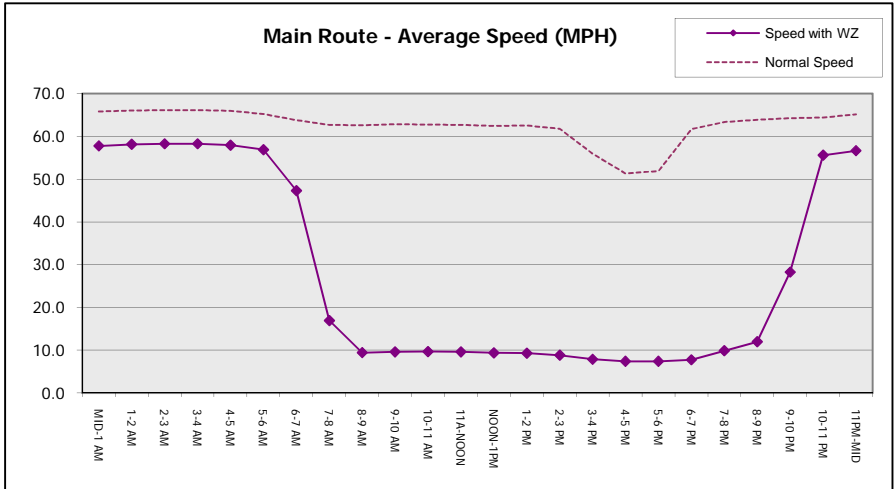
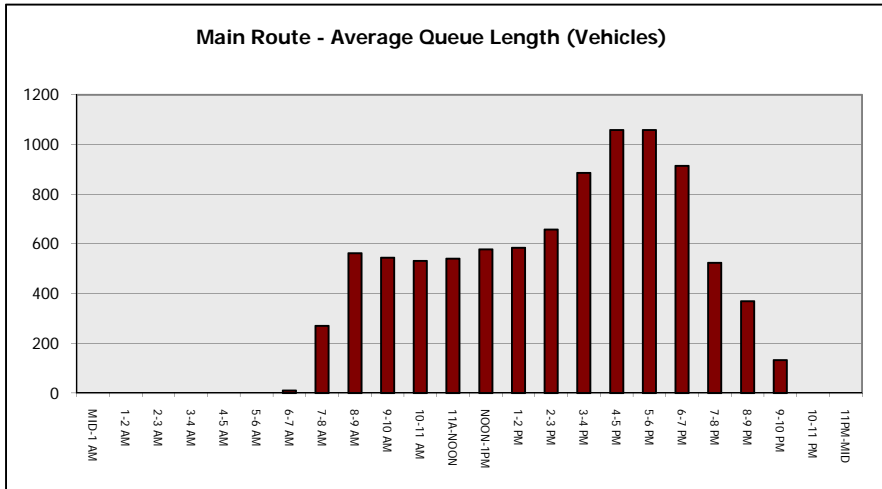
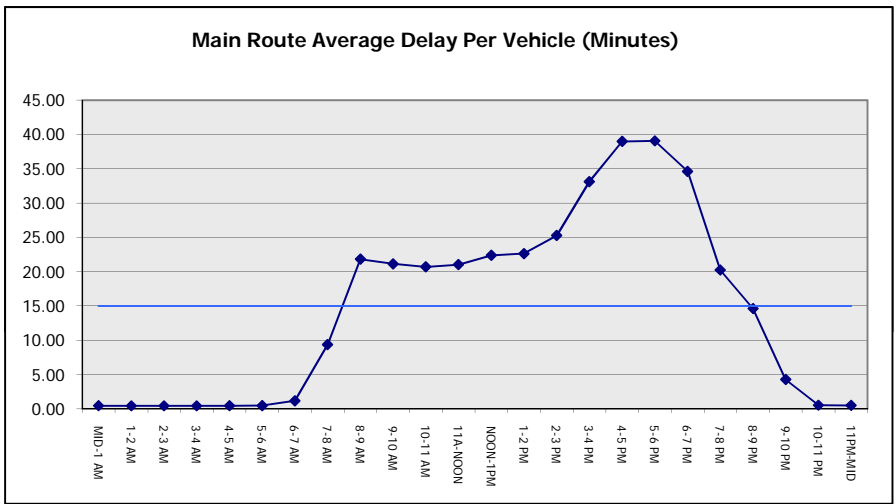
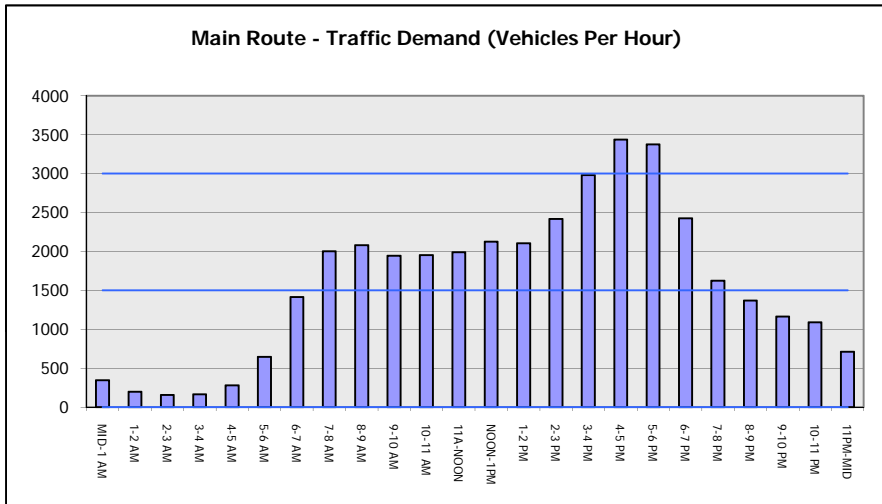
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$213,905
CONGESTED HOURS PER DAY*	12

*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

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) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	260	0.0	29	0.0	1500	260	0	29	0.45	0	65.9	58.0	44.5	29.6	29.6
1-2 AM	187	0.0	21	0.0	1500	187	0	21	0.44	0	66.0	58.2	44.7	29.6	29.6
2-3 AM	149	0.0	17	0.0	1500	149	0	17	0.44	0	66.1	58.3	44.9	29.6	29.6
3-4 AM	181	0.0	21	0.0	1500	181	0	21	0.44	0	66.1	58.2	44.8	29.6	29.6
4-5 AM	387	0.0	44	0.0	1500	387	0	44	0.46	0	65.6	57.6	44.0	29.4	29.4
5-6 AM	1159	0.0	131	0.0	1499	1159	0	131	0.69	0	64.2	53.2	37.4	28.6	28.6
6-7 AM	2339	0.0	264	0.0	1499	2170	168	432	10.31	325	62.0	16.1	30.8	27.3	25.9
7-8 AM	3312	0.0	374	0.0	1499	1929	1383	1757+	35.18	954	52.6	7.7	30.8	26.3	16.3
8-9 AM	2624	0.0	296	0.0	1499	1248	1377	1673+	37.06	982	59.6	7.6	30.8	27.0	15.8
9-10 AM	2157	0.0	243	0.0	1499	1250	906	1149	26.87	702	62.3	8.6	30.8	27.5	19.8
10-11 AM	2085	0.0	235	0.0	1500	1479	606	842	22.63	584	62.5	9.3	30.8	27.6	22.4
11A-NOON	2079	0.0	234	0.0	1500	1498	581	815	22.32	576	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	1500	1589	953	1240+	28.15	738	60.4	8.4	30.8	27.1	19.1
5-6 PM	2603	0.0	294	0.0	1500	1513	1091	1385+	30.80	810	59.8	8.1	30.8	27.0	17.9
6-7 PM	1855	0.0	209	0.0	1500	1182	673	883	23.30	607	62.9	9.2	30.8	27.8	22.1
7-8 PM	1337	0.0	151	0.0	1499	1299	39	189	14.98	381	63.9	11.8	30.8	28.4	28.1
8-9 PM	1146	0.0	129	0.0	1499	1146	0	129	3.40	111	64.3	31.9	36.1	28.6	28.6
9-10 PM	1096	0.0	123	0.0	1500	1096	0	123	0.53	0	64.3	55.6	41.4	28.6	28.6
10-11 PM	710	0.0	81	0.0	1500	710	0	81	0.49	0	65.1	56.6	42.7	29.1	29.1
11PM-MID	489	0.0	55	0.0	1500	489	0	55	0.47	0	65.5	57.3	43.5	29.3	29.3

+ 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	0.0214
MAIN ROUTE WITH WORKS	0.0137
DIVERSION	0.1608

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$203,631
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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR EASTBOUND DIRECTION

