

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	OCTOBER
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	258	0.0	29	0.0	1500	258	0	29	0.45	0	65.9	58.0	44.5	29.6	29.6
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	174	0.0	20	0.0	1500	174	0	20	0.44	0	66.1	58.2	44.8	29.6	29.6
3-4 AM	180	0.0	20	0.0	1500	180	0	20	0.44	0	66.1	58.2	44.8	29.6	29.6
4-5 AM	312	0.0	36	0.0	1500	312	0	36	0.45	0	65.8	57.8	44.2	29.5	29.5
5-6 AM	657	0.0	74	0.0	1500	657	0	74	0.49	0	65.1	56.8	42.9	29.1	29.1
6-7 AM	1464	0.0	165	0.0	1499	1464	0	165	1.37	15	63.7	45.4	33.1	28.3	28.3
7-8 AM	1949	0.0	220	0.0	1500	1949	0	220	9.66	270	62.8	16.5	30.8	27.7	27.8
8-9 AM	1988	0.0	224	0.0	1499	1528	460	684	20.90	537	62.7	9.7	30.8	27.7	23.7
9-10 AM	1792	0.0	202	0.0	1499	1449	343	545	19.58	501	63.0	10.0	30.8	27.9	25.0
10-11 AM	1996	0.0	225	0.0	1500	1569	428	653	20.59	529	62.7	9.7	30.8	27.7	24.0
11A-NOON	2166	0.0	244	0.0	1499	1559	607	851	22.72	587	62.3	9.3	30.8	27.5	22.4
NOON-1PM	2399	0.0	271	0.0	1500	1596	804	1075	25.64	667	61.9	8.8	30.8	27.3	20.4
1-2 PM	2582	0.0	291	0.0	1499	1599	984	1275+	28.73	754	60.1	8.4	30.8	27.1	18.8
2-3 PM	2993	0.0	337	0.0	1500	1764	1229	1566+	34.79	931	55.8	7.7	30.8	26.6	16.4
3-4 PM	3590	0.0	405	0.0	1500	1500	2090	2495+	38.80	1058	49.7	7.4	30.8	26.0	15.0
4-5 PM	3430	0.0	387	0.0	1500	1500	1930	2317+	39.02	1058	51.4	7.4	30.8	26.1	15.0
5-6 PM	3442	0.0	388	0.0	1500	1500	1941	2330+	39.01	1058	51.2	7.4	30.8	26.1	15.0
6-7 PM	2735	0.0	309	0.0	1500	1322	1414	1722+	37.75	1003	58.5	7.5	30.8	26.9	15.6
7-8 PM	2093	0.0	236	0.0	1500	1151	942	1178	27.43	719	62.5	8.6	30.8	27.6	19.6
8-9 PM	1343	0.0	152	0.0	1500	1230	112	264	15.79	405	63.9	11.5	30.8	28.4	27.4
9-10 PM	1182	0.0	133	0.0	1500	1182	0	133	4.42	134	64.2	27.7	34.5	28.6	28.6
10-11 PM	935	0.0	106	0.0	1500	935	0	106	0.51	0	64.6	56.0	41.9	28.8	28.8
11PM-MID	599	0.0	68	0.0	1500	599	0	68	0.48	0	65.3	57.0	43.2	29.2	29.2

+ 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	0.0232
MAIN ROUTE WITH WORKS	0.0138
DIVERSION	0.1971

PIA: Personal Injury Accidents

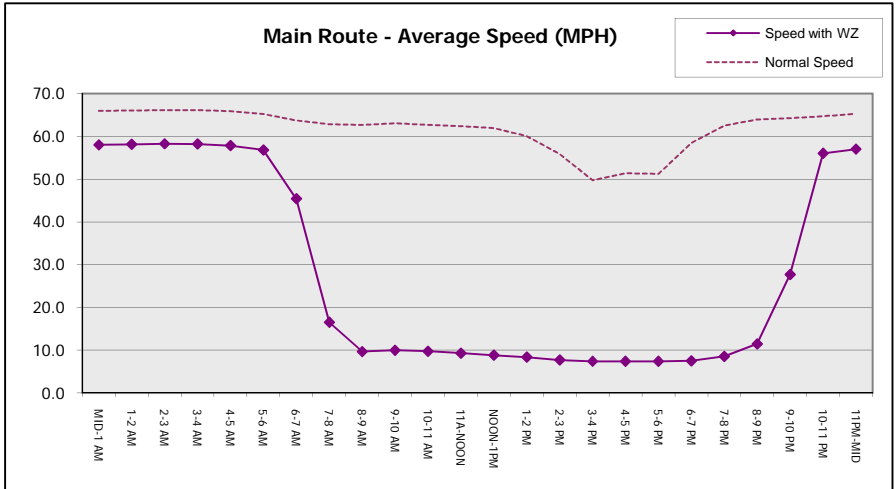
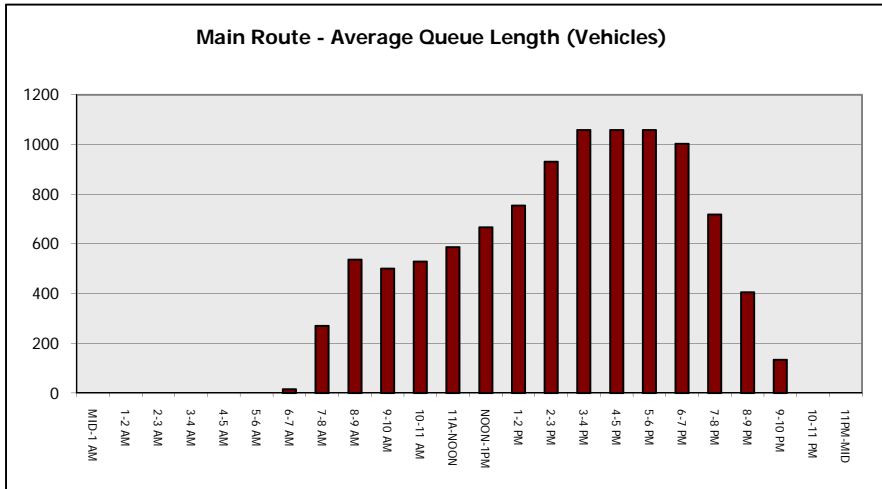
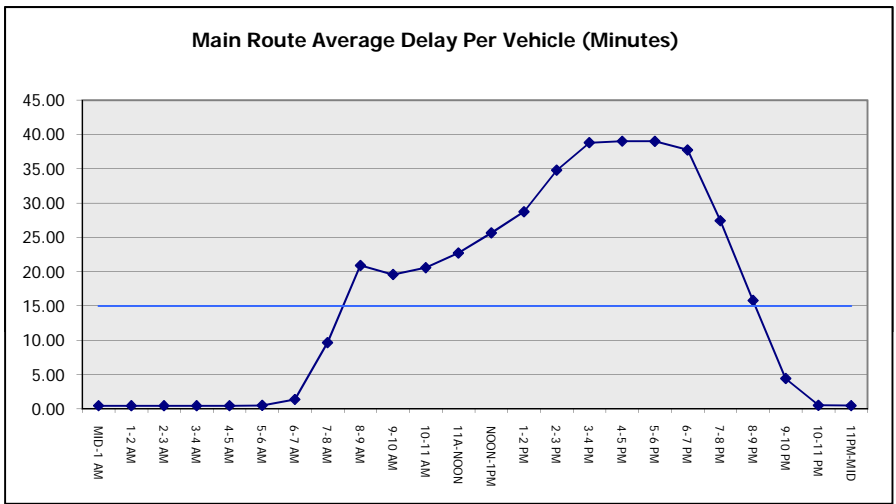
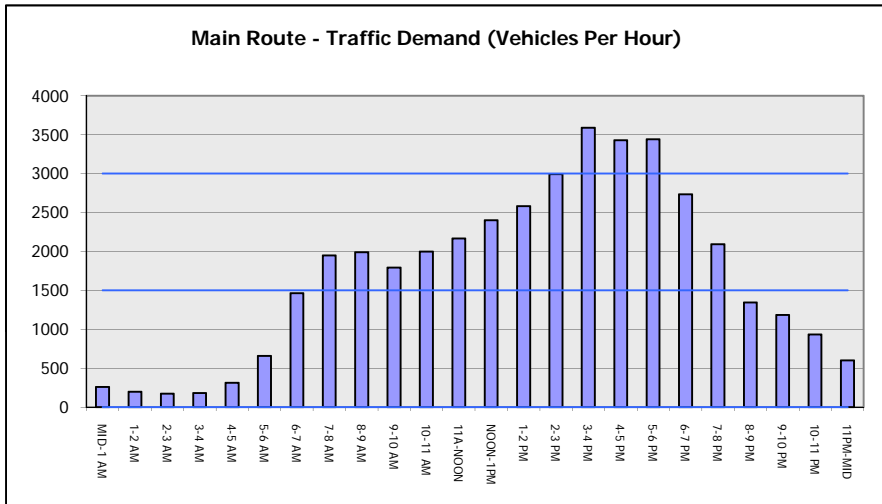
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$262,821
CONGESTED HOURS PER DAY*	13

*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**

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	OCTOBER
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	AVERAGE SPEEDS IN MPH				
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING				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	181	0.0	20	0.0	1500	181	0	20	0.44	0	66.1	58.2	44.8	29.6	29.6
1-2 AM	157	0.0	18	0.0	1500	157	0	18	0.44	0	66.1	58.2	44.8	29.6	29.6
2-3 AM	163	0.0	19	0.0	1500	163	0	19	0.44	0	66.1	58.2	44.8	29.6	29.6
3-4 AM	152	0.0	17	0.0	1500	152	0	17	0.44	0	66.1	58.3	44.9	29.6	29.6
4-5 AM	365	0.0	41	0.0	1500	365	0	41	0.46	0	65.7	57.7	44.0	29.4	29.4
5-6 AM	1090	0.0	122	0.0	1499	1090	0	122	0.65	0	64.3	53.9	38.4	28.6	28.6
6-7 AM	2346	0.0	265	0.0	1499	2172	174	439	10.60	333	62.0	15.8	30.8	27.3	25.8
7-8 AM	3110	0.0	351	0.0	1499	1923	1187	1537+	34.10	918	54.6	7.8	30.8	26.5	16.6
8-9 AM	2461	0.0	277	0.0	1499	1163	1298	1575+	35.73	944	61.3	7.7	30.8	27.2	16.3
9-10 AM	1801	0.0	203	0.0	1499	1217	584	787	22.15	575	63.0	9.4	30.8	27.9	22.9
10-11 AM	1805	0.0	204	0.0	1500	1518	287	491	19.09	488	63.0	10.1	30.8	27.9	25.4
11A-NOON	1842	0.0	207	0.0	1500	1509	332	539	19.52	499	63.0	10.0	30.8	27.8	25.0
NOON-1PM	1834	0.0	207	0.0	1499	1503	331	538	19.51	499	63.0	10.0	30.8	27.8	25.0
1-2 PM	2052	0.0	231	0.0	1500	1572	480	711	21.19	545	62.5	9.6	30.8	27.6	23.5
2-3 PM	2267	0.0	255	0.0	1500	1579	688	943	23.86	618	62.2	9.1	30.8	27.4	21.5
3-4 PM	2498	0.0	281	0.0	1500	1602	896	1178	27.15	710	60.9	8.6	30.8	27.1	19.6
4-5 PM	2656	0.0	299	0.0	1500	1585	1070	1370+	30.46	803	59.3	8.1	30.8	27.0	18.0
5-6 PM	2739	0.0	309	0.0	1500	1539	1200	1509+	33.52	888	58.4	7.8	30.8	26.9	16.8
6-7 PM	2051	0.0	231	0.0	1500	1150	901	1132	26.71	700	62.5	8.7	30.8	27.6	20.0
7-8 PM	1372	0.0	155	0.0	1500	1266	106	261	16.11	412	63.8	11.2	30.8	28.3	27.4
8-9 PM	1099	0.0	123	0.0	1499	1099	0	123	3.48	121	64.3	31.5	36.9	28.6	28.6
9-10 PM	1001	0.0	113	0.0	1500	1001	0	113	0.52	0	64.5	55.8	41.7	28.8	28.8
10-11 PM	785	0.0	89	0.0	1500	785	0	89	0.50	0	64.9	56.4	42.5	28.9	28.9
11PM-MID	579	0.0	65	0.0	1500	579	0	65	0.48	0	65.3	57.1	43.2	29.2	29.2

+ 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	0.0208
MAIN ROUTE WITH WORKS	0.0136
DIVERSION	0.1506

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$201,828
CONGESTED HOURS PER DAY*	13

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

