

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) NIGHTTIME 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	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	OFF	1944	0	219	0.00	0	62.8	62.8	62.8	27.8	27.8
10-11 AM	1951	0.0	220	0.0	OFF	1951	0	220	0.00	0	62.7	62.7	62.7	27.7	27.7
11A-NOON	1988	0.0	224	0.0	OFF	1988	0	224	0.00	0	62.7	62.7	62.7	27.7	27.7
NOON-1PM	2126	0.0	240	0.0	OFF	2126	0	240	0.00	0	62.4	62.4	62.4	27.5	27.5
1-2 PM	2106	0.0	238	0.0	OFF	2106	0	238	0.00	0	62.5	62.5	62.5	27.6	27.6
2-3 PM	2417	0.0	272	0.0	OFF	2417	0	272	0.00	0	61.7	61.7	61.7	27.2	27.2
3-4 PM	2980	0.0	336	0.0	OFF	2980	0	336	0.00	0	56.0	56.0	56.0	26.6	26.6
4-5 PM	3435	0.0	387	0.0	OFF	3435	0	387	0.00	0	51.3	51.3	51.3	26.1	26.1
5-6 PM	3377	0.0	381	0.0	OFF	3377	0	381	0.00	0	51.9	51.9	51.9	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	1499	1622	0	183	4.34	93	63.3	27.9	30.8	28.1	28.1
8-9 PM	1369	0.0	154	0.0	1499	1369	0	154	3.27	70	63.8	32.5	32.1	28.3	28.3
9-10 PM	1165	0.0	131	0.0	1500	1165	0	131	0.59	0	64.2	54.6	39.6	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

"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	0.0218
MAIN ROUTE WITH WORKS	0.0213
DIVERSION	0.0473

PIA: Personal Injury Accidents

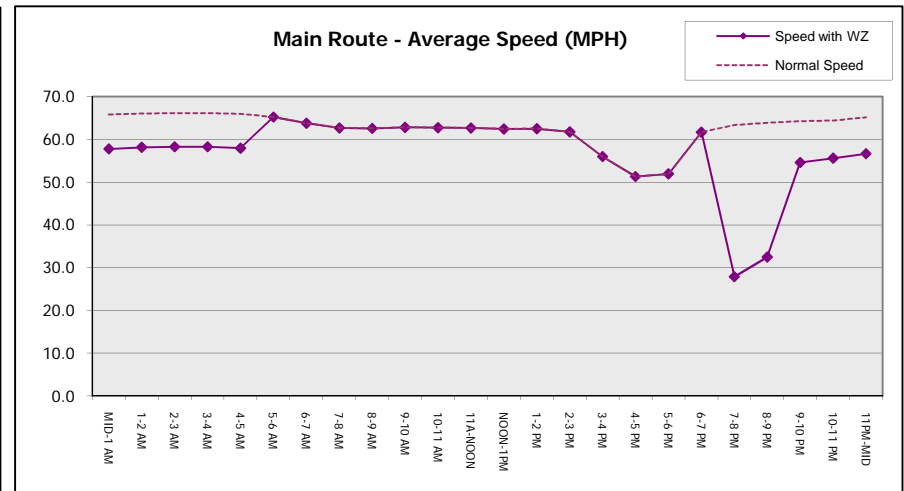
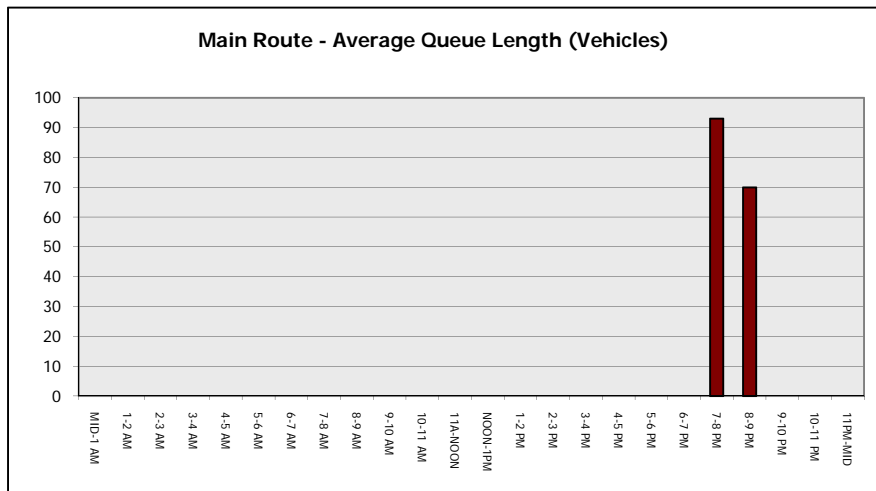
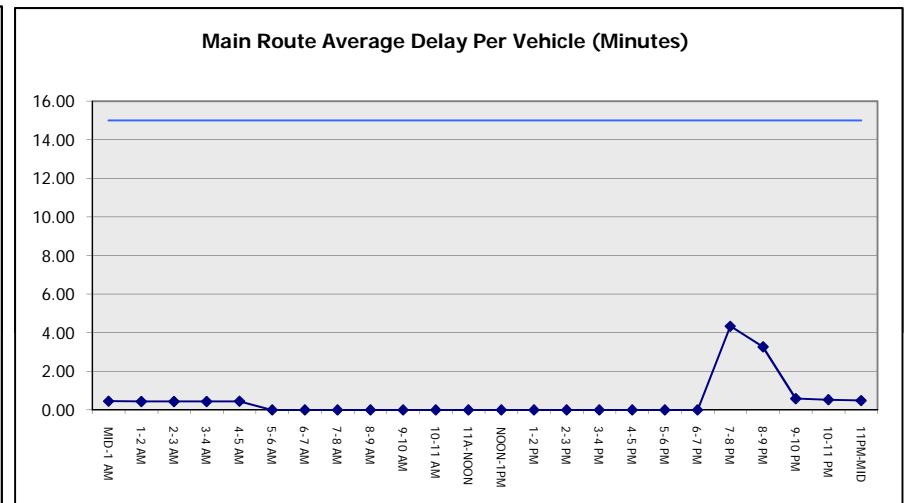
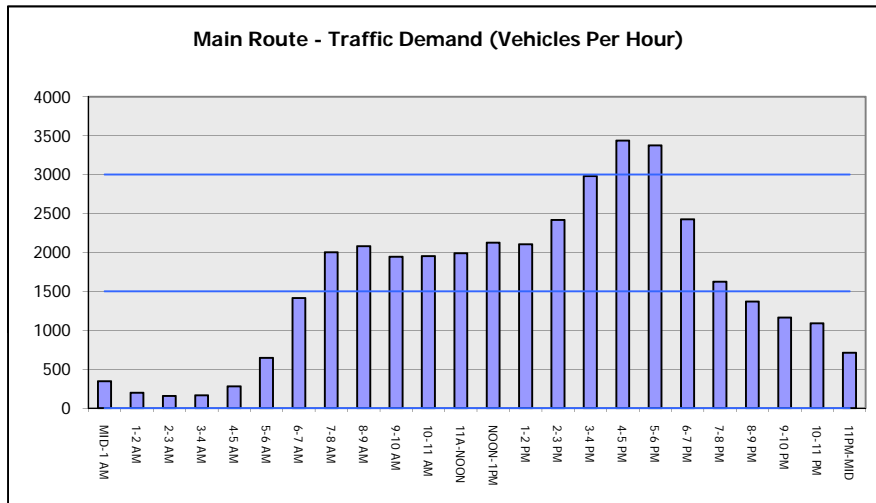
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,103
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

AUGUST
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 Construction Season

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



IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) NIGHTTIME 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	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	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	OFF	2157	0	243	0.00	0	62.3	62.3	62.3	27.5	27.5
10-11 AM	2085	0.0	235	0.0	OFF	2085	0	235	0.00	0	62.5	62.5	62.5	27.6	27.6
11A-NOON	2079	0.0	234	0.0	OFF	2079	0	234	0.00	0	62.5	62.5	62.5	27.6	27.6
NOON-1PM	2038	0.0	230	0.0	OFF	2038	0	230	0.00	0	62.6	62.6	62.6	27.6	27.6
1-2 PM	2072	0.0	233	0.0	OFF	2072	0	233	0.00	0	62.5	62.5	62.5	27.6	27.6
2-3 PM	2219	0.0	250	0.0	OFF	2219	0	250	0.00	0	62.2	62.2	62.2	27.4	27.4
3-4 PM	2350	0.0	265	0.0	OFF	2350	0	265	0.00	0	62.0	62.0	62.0	27.3	27.3
4-5 PM	2543	0.0	287	0.0	OFF	2543	0	287	0.00	0	60.4	60.4	60.4	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	1500	1337	0	151	0.81	0	63.9	51.5	34.5	28.4	28.4
8-9 PM	1146	0.0	129	0.0	1500	1146	0	129	0.57	0	64.3	55.0	40.2	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

"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	0.0210
DIVERSION	0.0466

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$777
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME 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

