

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

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	1500	564	0	64	0.48	0	65.3	57.1	43.3	29.2	29.2
1-2 AM	273	0.0	30	0.0	1500	273	0	30	0.45	0	65.9	57.9	44.4	29.5	29.5
2-3 AM	177	0.0	20	0.0	1500	177	0	20	0.44	0	66.1	58.2	44.8	29.6	29.6
3-4 AM	119	0.0	14	0.0	1500	119	0	14	0.43	0	66.1	58.4	45.0	29.7	29.7
4-5 AM	111	0.0	13	0.0	1500	111	0	13	0.43	0	66.2	58.4	45.0	29.7	29.7
5-6 AM	206	0.0	23	0.0	1500	206	0	23	0.44	0	66.0	58.1	44.6	29.6	29.6
6-7 AM	458	0.0	51	0.0	1500	458	0	51	0.47	0	65.5	57.4	43.7	29.3	29.3
7-8 AM	785	0.0	89	0.0	1500	785	0	89	0.50	0	64.9	56.4	42.5	28.9	28.9
8-9 AM	1274	0.0	143	0.0	1499	1274	0	143	0.73	0	64.0	52.7	36.5	28.4	28.4
9-10 AM	1642	0.0	185	0.0	OFF	1642	0	185	0.00	0	63.3	63.3	63.3	28.1	28.1
10-11 AM	2156	0.0	243	0.0	OFF	2156	0	243	0.00	0	62.3	62.3	62.3	27.5	27.5
11A-NOON	2467	0.0	278	0.0	OFF	2467	0	278	0.00	0	61.2	61.2	61.2	27.1	27.1
NOON-1PM	2527	0.0	285	0.0	OFF	2527	0	285	0.00	0	60.6	60.6	60.6	27.1	27.1
1-2 PM	2359	0.0	266	0.0	OFF	2359	0	266	0.00	0	62.0	62.0	62.0	27.3	27.3
2-3 PM	2555	0.0	288	0.0	OFF	2555	0	288	0.00	0	60.3	60.3	60.3	27.1	27.1
3-4 PM	2420	0.0	273	0.0	OFF	2420	0	273	0.00	0	61.7	61.7	61.7	27.2	27.2
4-5 PM	2318	0.0	262	0.0	OFF	2318	0	262	0.00	0	62.0	62.0	62.0	27.3	27.3
5-6 PM	1969	0.0	222	0.0	OFF	1969	0	222	0.00	0	62.7	62.7	62.7	27.7	27.7
6-7 PM	1645	0.0	185	0.0	OFF	1645	0	185	0.00	0	63.3	63.3	63.3	28.1	28.1
7-8 PM	1463	0.0	165	0.0	1499	1463	0	165	1.11	4	63.7	47.9	31.9	28.3	28.3
8-9 PM	1133	0.0	128	0.0	1500	1133	0	128	0.55	0	64.3	55.2	40.7	28.6	28.6
9-10 PM	990	0.0	112	0.0	1500	990	0	112	0.52	0	64.5	55.9	41.7	28.8	28.8
10-11 PM	645	0.0	72	0.0	1500	645	0	72	0.48	0	65.2	56.9	43.0	29.1	29.1
11PM-MID	419	0.0	47	0.0	1500	419	0	47	0.46	0	65.6	57.5	43.8	29.4	29.4

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0176
MAIN ROUTE WITH WORKS	0.0170
DIVERSION	0.0382

PIA: Personal Injury Accidents

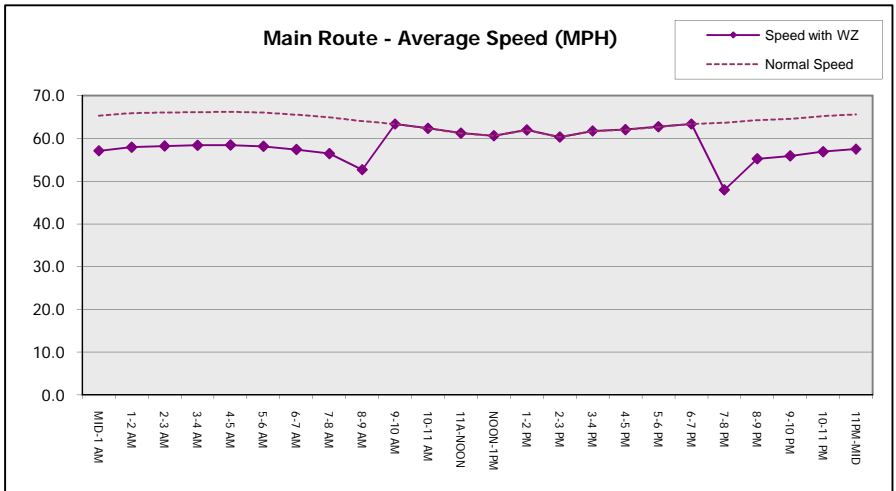
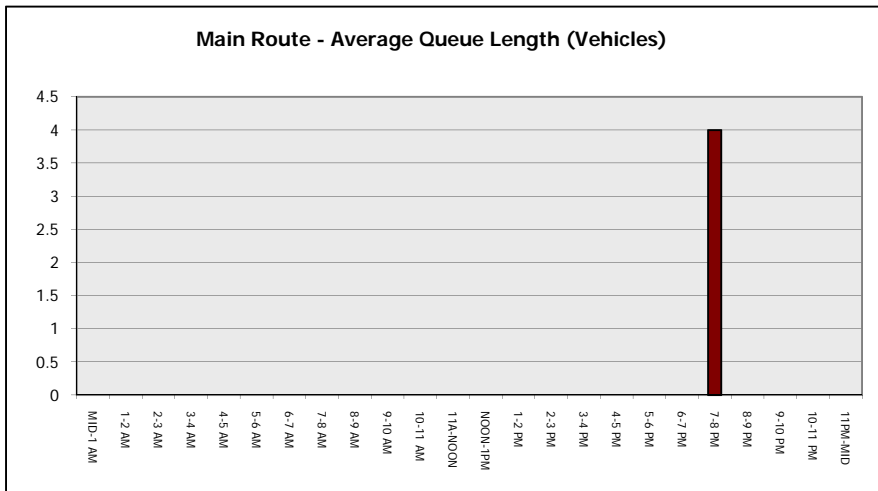
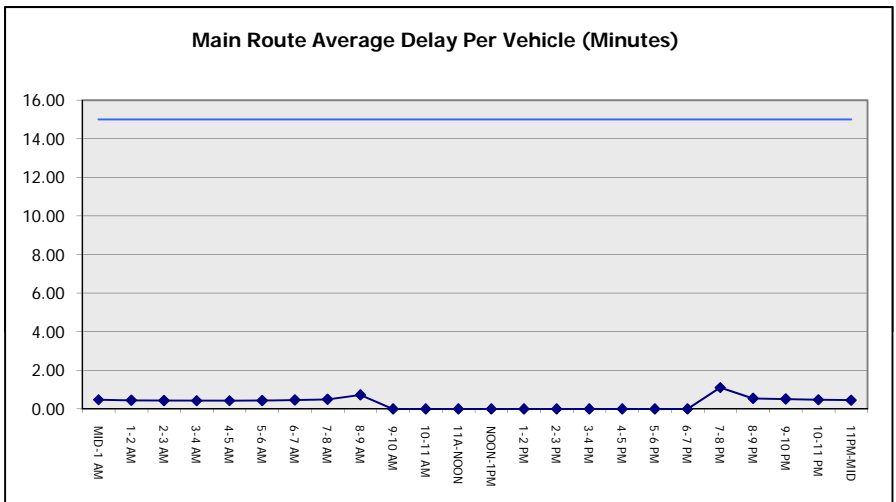
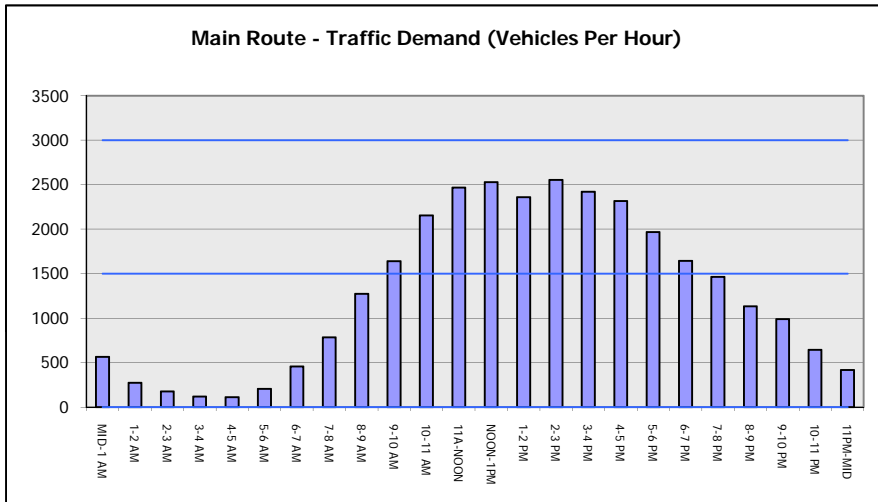
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,641
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

AUGUST
 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) NIGHTTIME CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	AUGUST
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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		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	698	0.0	78	0.0	1500	698	0	78	0.49	0	65.1	56.7	42.8	29.1	29.1
1-2 AM	444	0.0	50	0.0	1500	444	0	50	0.47	0	65.6	57.4	43.7	29.3	29.3
2-3 AM	256	0.0	29	0.0	1500	256	0	29	0.45	0	65.9	58.0	44.5	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	205	0.0	23	0.0	1500	205	0	23	0.44	0	66.0	58.1	44.6	29.6	29.6
5-6 AM	203	0.0	23	0.0	1500	203	0	23	0.44	0	66.0	58.1	44.6	29.6	29.6
6-7 AM	320	0.0	37	0.0	1500	320	0	37	0.45	0	65.8	57.8	44.2	29.4	29.4
7-8 AM	476	0.0	53	0.0	1500	476	0	53	0.47	0	65.5	57.3	43.6	29.3	29.3
8-9 AM	860	0.0	97	0.0	1500	860	0	97	0.51	0	64.8	56.3	42.2	28.9	28.9
9-10 AM	1384	0.0	156	0.0	OFF	1384	0	156	0.00	0	63.8	63.8	63.8	28.3	28.3
10-11 AM	2020	0.0	228	0.0	OFF	2020	0	228	0.00	0	62.6	62.6	62.6	27.6	27.6
11A-NOON	2527	0.0	285	0.0	OFF	2527	0	285	0.00	0	60.6	60.6	60.6	27.1	27.1
NOON-1PM	2803	0.0	316	0.0	OFF	2803	0	316	0.00	0	57.8	57.8	57.8	26.8	26.8
1-2 PM	2882	0.0	325	0.0	OFF	2882	0	325	0.00	0	57.0	57.0	57.0	26.7	26.7
2-3 PM	2806	0.0	316	0.0	OFF	2806	0	316	0.00	0	57.8	57.8	57.8	26.8	26.8
3-4 PM	2891	0.0	325	0.0	OFF	2891	0	325	0.00	0	56.9	56.9	56.9	26.7	26.7
4-5 PM	2956	0.0	334	0.0	OFF	2956	0	334	0.00	0	56.2	56.2	56.2	26.6	26.6
5-6 PM	2862	0.0	322	0.0	OFF	2862	0	322	0.00	0	57.2	57.2	57.2	26.8	26.8
6-7 PM	2501	0.0	282	0.0	OFF	2501	0	282	0.00	0	60.9	60.9	60.9	27.1	27.1
7-8 PM	2468	0.0	278	0.0	1499	2168	300	579	14.82	423	61.2	12.5	30.8	27.1	24.7
8-9 PM	2270	0.0	256	0.0	1499	1450	820	1076	25.67	667	62.2	8.8	30.8	27.4	20.4
9-10 PM	1493	0.0	168	0.0	1500	1243	250	418	18.22	469	63.6	10.4	30.8	28.2	26.1
10-11 PM	989	0.0	112	0.0	1499	989	0	112	3.95	154	64.5	29.6	37.1	28.8	28.8
11PM-MID	494	0.0	55	0.0	1500	494	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	0.0212
MAIN ROUTE WITH WORKS	0.0197
DIVERSION	0.0612

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$38,424
CONGESTED HOURS PER DAY*	2

*Delays Exceeding 15 Minutes

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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
SUNDAY EASTBOUND DIRECTION

