

IH 94: STH 67 TO CTH C (WAUKESHA COUNTY) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: STH 67 - USH 18 - CTH C	MAY
	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	291	0.0	32	0.0	OFF	291	0	32	0.00	0	65.8	65.8	65.8	29.5	29.5
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	178	0.0	20	0.0	OFF	178	0	20	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	184	0.0	21	0.0	OFF	184	0	21	0.00	0	66.0	66.0	66.0	29.6	29.6
4-5 AM	292	0.0	32	0.0	OFF	292	0	32	0.00	0	65.8	65.8	65.8	29.5	29.5
5-6 AM	659	0.0	74	0.0	OFF	659	0	74	0.00	0	65.1	65.1	65.1	29.1	29.1
6-7 AM	1464	0.0	165	0.0	OFF	1464	0	165	0.00	0	63.7	63.7	63.7	28.3	28.3
7-8 AM	2040	0.0	230	0.0	OFF	2040	0	230	0.00	0	62.6	62.6	62.6	27.6	27.6
8-9 AM	2040	0.0	230	0.0	OFF	2040	0	230	0.00	0	62.6	62.6	62.6	27.6	27.6
9-10 AM	1827	0.0	206	0.0	1499	1827	0	206	6.30	167	63.0	22.2	30.8	27.8	27.8
10-11 AM	1925	0.0	217	0.0	1499	1703	222	439	18.07	465	62.8	10.5	30.8	27.8	25.8
11A-NOON	2075	0.0	234	0.0	1499	1555	520	755	21.64	558	62.5	9.5	30.8	27.6	23.2
NOON-1PM	2304	0.0	260	0.0	1500	1585	719	979	24.31	631	62.1	9.0	30.8	27.3	21.2
1-2 PM	2439	0.0	275	0.0	1499	1566	873	1148	26.72	697	61.5	8.6	30.8	27.2	19.8
2-3 PM	2776	0.0	313	0.0	1500	1694	1082	1395+	30.92	819	58.1	8.1	30.8	26.8	17.8
3-4 PM	3453	0.0	389	0.0	1499	1539	1914	2303+	38.63	1048	51.1	7.4	30.8	26.1	15.1
4-5 PM	3786	0.0	427	0.0	OFF	3786	0	427	13.16	862	47.7	12.2	12.2	25.8	25.8
5-6 PM	3706	0.0	418	0.0	OFF	3706	0	418	9.42	608	48.5	15.6	15.6	25.8	25.8
6-7 PM	2571	0.0	290	0.0	OFF	2571	0	290	1.43	74	60.2	43.0	43.0	27.1	27.1
7-8 PM	1655	0.0	186	0.0	OFF	1655	0	186	0.00	0	63.3	63.3	63.3	28.1	28.1
8-9 PM	1282	0.0	144	0.0	OFF	1282	0	144	0.00	0	64.0	64.0	64.0	28.4	28.4
9-10 PM	1055	0.0	119	0.0	OFF	1055	0	119	0.00	0	64.4	64.4	64.4	28.7	28.7
10-11 PM	842	0.0	95	0.0	OFF	842	0	95	0.00	0	64.8	64.8	64.8	28.9	28.9
11PM-MID	609	0.0	69	0.0	OFF	609	0	69	0.00	0	65.3	65.3	65.3	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	0.0227
MAIN ROUTE WITH WORKS	0.0189
DIVERSION	0.1082

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$111,788
CONGESTED HOURS PER DAY*	6

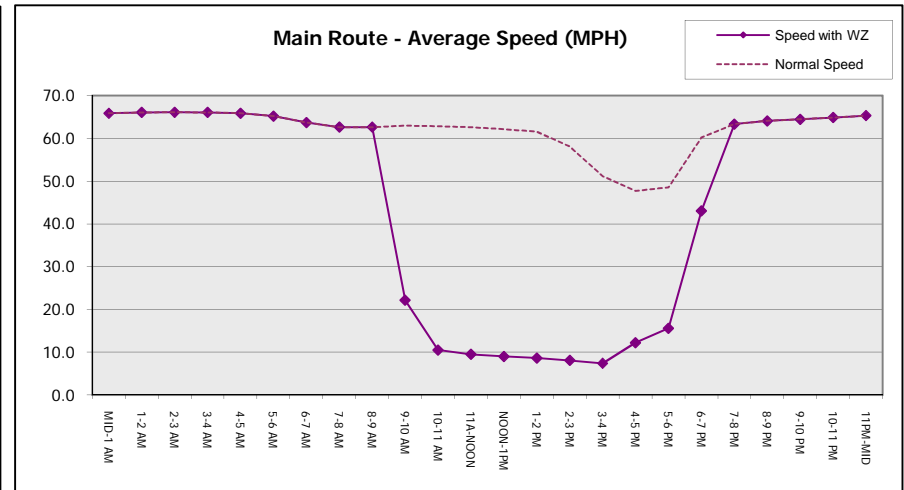
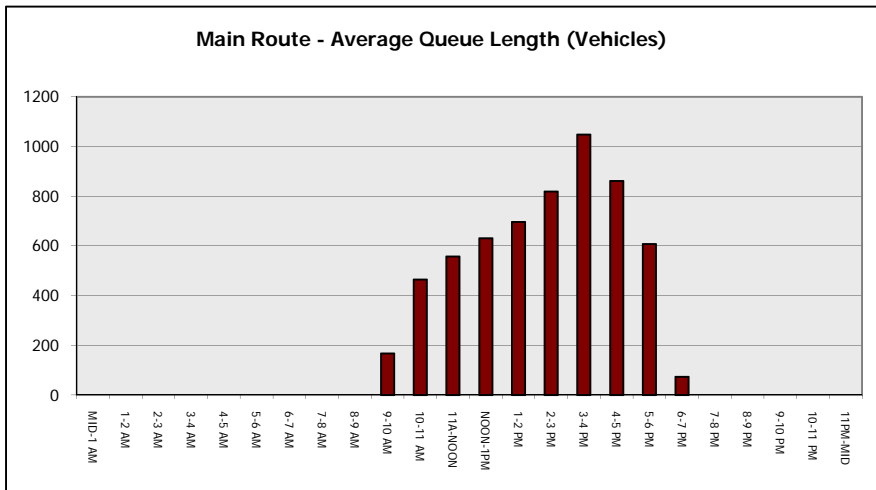
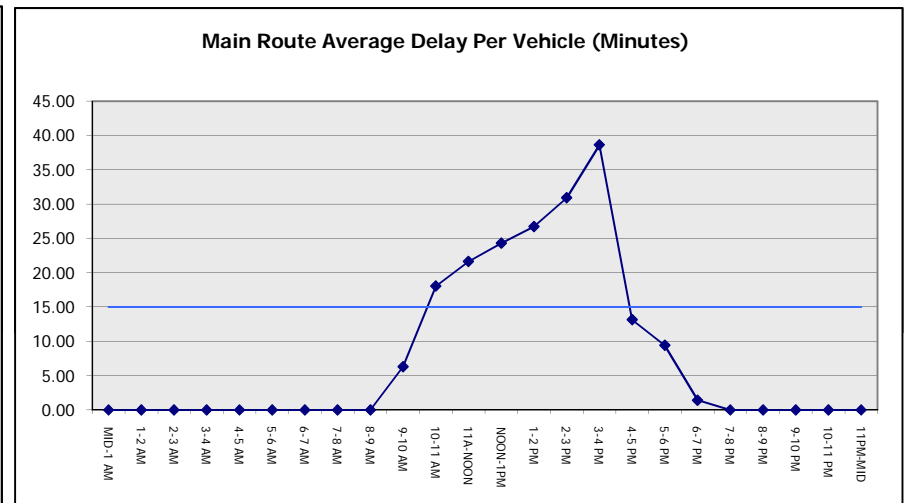
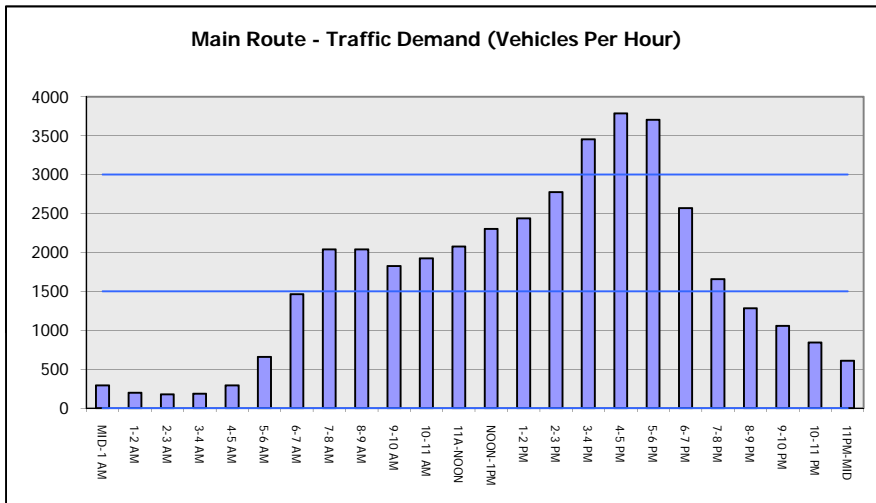
*Delays Exceeding 15 Minutes

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OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

MAY
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY WESTBOUND DIRECTION



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

FRIDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							TOTAL			AVERAGE SPEEDS IN MPH					
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	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	222	0.0	25	0.0	OFF	222	0	25	0.00	0	66.0	66.0	66.0	29.6	29.6	
1-2 AM	163	0.0	19	0.0	OFF	163	0	19	0.00	0	66.1	66.1	66.1	29.6	29.6	
2-3 AM	187	0.0	21	0.0	OFF	187	0	21	0.00	0	66.0	66.0	66.0	29.6	29.6	
3-4 AM	180	0.0	20	0.0	OFF	180	0	20	0.00	0	66.1	66.1	66.1	29.6	29.6	
4-5 AM	318	0.0	36	0.0	OFF	318	0	36	0.00	0	65.8	65.8	65.8	29.5	29.5	
5-6 AM	1107	0.0	125	0.0	OFF	1107	0	125	0.00	0	64.3	64.3	64.3	28.6	28.6	
6-7 AM	2310	0.0	261	0.0	OFF	2310	0	261	0.00	0	62.1	62.1	62.1	27.3	27.3	
7-8 AM	3113	0.0	351	0.0	OFF	3113	0	351	0.00	0	54.6	54.6	54.6	26.5	26.5	
8-9 AM	2416	0.0	272	0.0	OFF	2416	0	272	0.00	0	61.7	61.7	61.7	27.2	27.2	
9-10 AM	1821	0.0	205	0.0	1499	1821	0	205	7.03	184	63.0	20.6	30.8	27.9	27.9	
10-11 AM	1648	0.0	186	0.0	1499	1627	21	208	15.50	393	63.3	11.5	30.8	28.1	27.9	
11A-NOON	1782	0.0	201	0.0	1499	1543	240	440	18.66	476	63.1	10.2	30.8	27.9	25.8	
NOON-1PM	1790	0.0	202	0.0	1499	1502	288	490	19.08	487	63.0	10.1	30.8	27.9	25.4	
1-2 PM	1921	0.0	217	0.0	1500	1546	376	592	20.01	513	62.8	9.9	30.8	27.8	24.5	
2-3 PM	2248	0.0	253	0.0	1500	1612	635	889	23.18	600	62.2	9.2	30.8	27.4	22.0	
3-4 PM	2432	0.0	274	0.0	1499	1571	860	1135	26.51	691	61.6	8.6	30.8	27.2	19.9	
4-5 PM	2419	0.0	273	0.0	OFF	2419	0	273	2.95	164	61.7	33.5	33.5	27.2	27.2	
5-6 PM	2580	0.0	291	0.0	OFF	2580	0	291	0.00	0	60.1	60.1	60.1	27.1	27.1	
6-7 PM	2060	0.0	232	0.0	OFF	2060	0	232	0.00	0	62.5	62.5	62.5	27.6	27.6	
7-8 PM	1534	0.0	173	0.0	OFF	1534	0	173	0.00	0	63.5	63.5	63.5	28.2	28.2	
8-9 PM	1236	0.0	139	0.0	OFF	1236	0	139	0.00	0	64.1	64.1	64.1	28.5	28.5	
9-10 PM	979	0.0	111	0.0	OFF	979	0	111	0.00	0	64.6	64.6	64.6	28.8	28.8	
10-11 PM	857	0.0	96	0.0	OFF	857	0	96	0.00	0	64.8	64.8	64.8	28.9	28.9	
11PM-MID	541	0.0	61	0.0	OFF	541	0	61	0.00	0	65.4	65.4	65.4	29.2	29.2	

"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	0.0205
MAIN ROUTE WITH WORKS	0.0184
DIVERSION	0.0714

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$57,593
CONGESTED HOURS PER DAY*	6

*Delays Exceeding 15 Minutes

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OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: STH 67 - USH 18 - CTH C

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

