

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

SATURDAY 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	383	0.0	43	0.0	OFF	383	0	43	0.00	0	65.7	65.7	65.7	29.4	29.4
1-2 AM	245	0.0	27	0.0	OFF	245	0	27	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	224	0.0	25	0.0	OFF	224	0	25	0.00	0	66.0	66.0	66.0	29.6	29.6
3-4 AM	189	0.0	21	0.0	OFF	189	0	21	0.00	0	66.0	66.0	66.0	29.6	29.6
4-5 AM	263	0.0	29	0.0	OFF	263	0	29	0.00	0	65.9	65.9	65.9	29.6	29.6
5-6 AM	447	0.0	50	0.0	OFF	447	0	50	0.00	0	65.6	65.6	65.6	29.3	29.3
6-7 AM	939	0.0	106	0.0	OFF	939	0	106	0.00	0	64.6	64.6	64.6	28.8	28.8
7-8 AM	1267	0.0	143	0.0	OFF	1267	0	143	0.00	0	64.0	64.0	64.0	28.4	28.4
8-9 AM	1722	0.0	195	0.0	1499	1722	0	195	3.90	93	63.2	29.5	30.8	27.9	27.9
9-10 AM	1841	0.0	207	0.0	1500	1777	64	271	14.30	372	63.0	12.3	30.8	27.8	27.3
10-11 AM	2103	0.0	238	0.0	1499	1594	510	747	21.57	556	62.5	9.5	30.8	27.6	23.2
11A-NOON	2198	0.0	248	0.0	1499	1532	667	915	23.49	608	62.3	9.1	30.8	27.4	21.8
NOON-1PM	2311	0.0	261	0.0	1500	1539	772	1033	25.04	650	62.1	8.9	30.8	27.3	20.8
1-2 PM	2216	0.0	250	0.0	1499	1457	759	1009	24.73	641	62.3	8.9	30.8	27.4	21.0
2-3 PM	2095	0.0	237	0.0	1499	1461	634	870	22.96	593	62.5	9.3	30.8	27.6	22.2
3-4 PM	2216	0.0	250	0.0	1500	1543	673	923	23.60	611	62.3	9.1	30.8	27.4	21.7
4-5 PM	2128	0.0	240	0.0	1499	1455	674	913	23.49	608	62.4	9.1	30.8	27.5	21.8
5-6 PM	1772	0.0	200	0.0	1499	1389	382	582	19.94	511	63.1	9.9	30.8	27.9	24.6
6-7 PM	1583	0.0	179	0.0	OFF	1583	0	179	0.73	45	63.5	52.2	52.2	28.1	28.1
7-8 PM	1121	0.0	127	0.0	OFF	1121	0	127	0.00	0	64.3	64.3	64.3	28.6	28.6
8-9 PM	953	0.0	108	0.0	OFF	953	0	108	0.00	0	64.6	64.6	64.6	28.8	28.8
9-10 PM	962	0.0	109	0.0	OFF	962	0	109	0.00	0	64.6	64.6	64.6	28.8	28.8
10-11 PM	750	0.0	85	0.0	OFF	750	0	85	0.00	0	65.0	65.0	65.0	29.0	29.0
11PM-MID	560	0.0	63	0.0	OFF	560	0	63	0.00	0	65.3	65.3	65.3	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	0.0175
MAIN ROUTE WITH WORKS	0.0135
DIVERSION	0.0947

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$128,517
CONGESTED HOURS PER DAY*	8

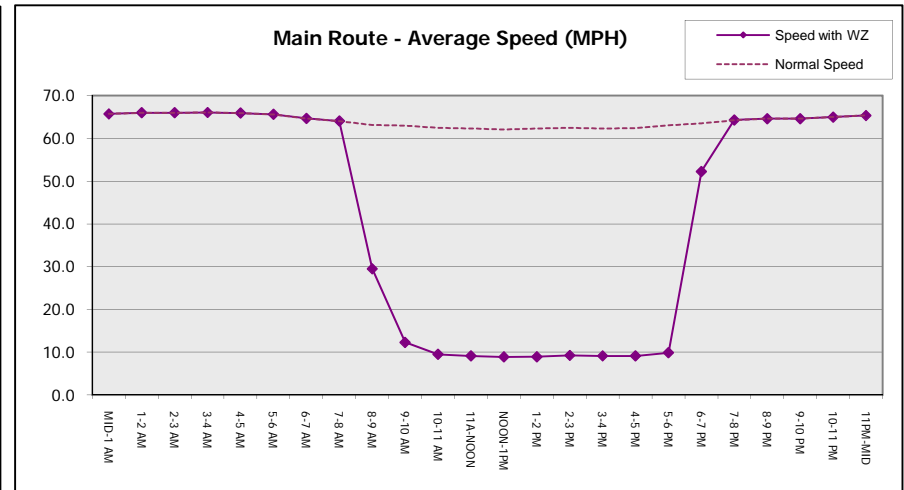
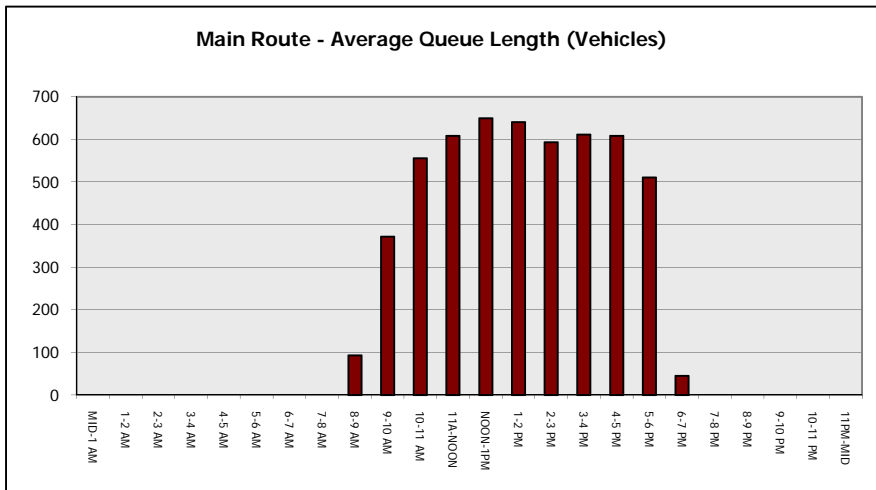
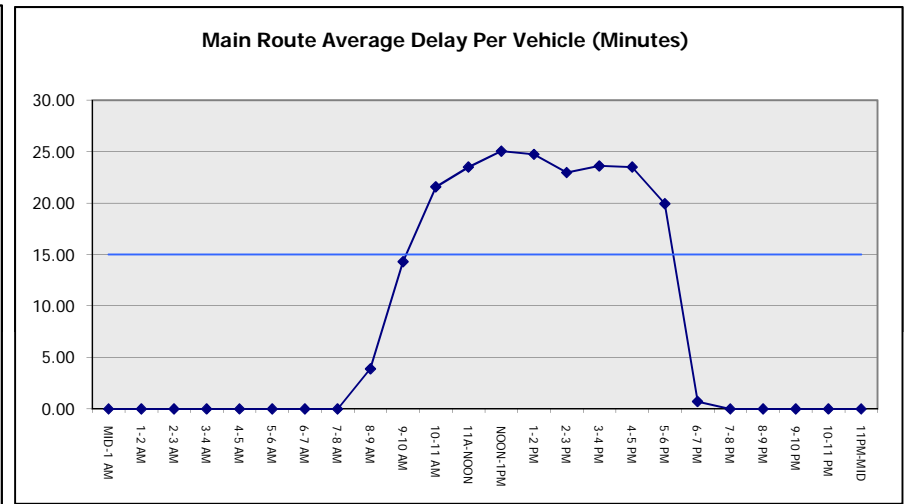
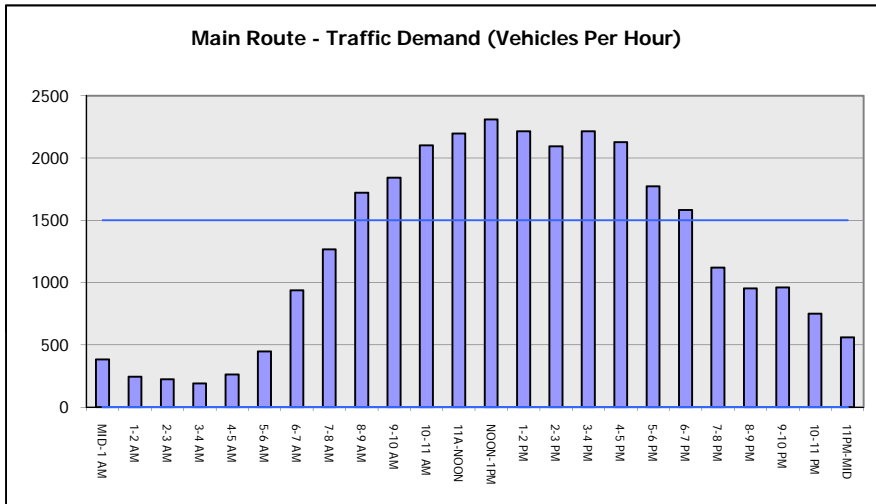
*Delays Exceeding 15 Minutes

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

MAY
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SATURDAY 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

SATURDAY 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	295	0.0	33	0.0	OFF	295	0	33	0.00	0	65.8	65.8	65.8	29.5	29.5
1-2 AM	189	0.0	21	0.0	OFF	189	0	21	0.00	0	66.0	66.0	66.0	29.6	29.6
2-3 AM	179	0.0	20	0.0	OFF	179	0	20	0.00	0	66.1	66.1	66.1	29.6	29.6
3-4 AM	131	0.0	15	0.0	OFF	131	0	15	0.00	0	66.1	66.1	66.1	29.7	29.7
4-5 AM	184	0.0	21	0.0	OFF	184	0	21	0.00	0	66.0	66.0	66.0	29.6	29.6
5-6 AM	338	0.0	38	0.0	OFF	338	0	38	0.00	0	65.8	65.8	65.8	29.4	29.4
6-7 AM	608	0.0	68	0.0	OFF	608	0	68	0.00	0	65.3	65.3	65.3	29.2	29.2
7-8 AM	916	0.0	104	0.0	OFF	916	0	104	0.00	0	64.7	64.7	64.7	28.8	28.8
8-9 AM	1376	0.0	155	0.0	1499	1376	0	155	0.86	0	63.8	50.9	33.7	28.3	28.3
9-10 AM	1551	0.0	175	0.0	1499	1551	0	175	1.45	12	63.5	44.5	30.8	28.1	28.1
10-11 AM	1780	0.0	201	0.0	1500	1780	0	201	6.92	178	63.1	20.9	30.8	27.9	27.9
11A-NOON	1959	0.0	221	0.0	1499	1706	253	474	18.45	475	62.7	10.4	30.8	27.7	25.5
NOON-1PM	1910	0.0	216	0.0	1499	1487	423	638	20.45	525	62.8	9.7	30.8	27.8	24.2
1-2 PM	2011	0.0	227	0.0	1500	1533	478	705	21.12	543	62.7	9.6	30.8	27.6	23.5
2-3 PM	2040	0.0	230	0.0	1499	1506	535	765	21.75	560	62.6	9.5	30.8	27.6	23.0
3-4 PM	2006	0.0	226	0.0	1499	1492	514	740	21.49	553	62.7	9.5	30.8	27.6	23.3
4-5 PM	2120	0.0	239	0.0	1500	1537	583	822	22.39	578	62.4	9.4	30.8	27.6	22.5
5-6 PM	2070	0.0	233	0.0	1499	1468	602	836	22.56	582	62.5	9.3	30.8	27.6	22.5
6-7 PM	1638	0.0	184	0.0	OFF	1638	0	184	1.05	65	63.3	48.4	48.4	28.1	28.1
7-8 PM	1311	0.0	148	0.0	OFF	1311	0	148	0.00	0	64.0	64.0	64.0	28.4	28.4
8-9 PM	1277	0.0	144	0.0	OFF	1277	0	144	0.00	0	64.0	64.0	64.0	28.4	28.4
9-10 PM	1073	0.0	121	0.0	OFF	1073	0	121	0.00	0	64.4	64.4	64.4	28.6	28.6
10-11 PM	910	0.0	103	0.0	OFF	910	0	103	0.00	0	64.7	64.7	64.7	28.8	28.8
11PM-MID	652	0.0	73	0.0	OFF	652	0	73	0.00	0	65.1	65.1	65.1	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	0.0163
MAIN ROUTE WITH WORKS	0.0134
DIVERSION	0.0729

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$94,774
CONGESTED HOURS PER DAY*	7

*Delays Exceeding 15 Minutes

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

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

