

IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) NIGHTTIME CLOSURE NO DIVERSION (MAX QUEUE METHOD)	AUGUST
	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		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	699	0.0	3000	699	0	0.36	0	69.9	62.3	49.7
1-2 AM	630	0.0	3000	630	0	0.36	0	69.9	62.3	49.7
2-3 AM	579	0.0	3000	579	0	0.36	0	70.0	62.3	49.7
3-4 AM	419	0.0	3000	419	0	0.36	0	70.2	62.5	49.7
4-5 AM	501	0.0	3000	501	0	0.36	0	70.1	62.4	49.7
5-6 AM	621	0.0	3000	621	0	0.36	0	70.0	62.3	49.7
6-7 AM	969	0.0	3000	969	0	0.35	0	69.6	62.1	49.7
7-8 AM	1064	0.0	3000	1064	0	0.35	0	69.4	62.0	49.7
8-9 AM	2257	0.0	OFF	2257	0	0.00	0	67.9	67.9	67.9
9-10 AM	1968	0.0	OFF	1968	0	0.00	0	68.3	68.3	68.3
10-11 AM	2108	0.0	OFF	2108	0	0.00	0	68.1	68.1	68.1
11AM-NOON	3381	0.0	OFF	3381	0	0.00	0	66.5	66.5	66.5
NOON-1PM	4064	0.0	OFF	4064	0	0.00	0	63.1	63.1	63.1
1-2 PM	3299	0.0	OFF	3299	0	0.00	0	66.6	66.6	66.6
2-3 PM	2356	0.0	OFF	2356	0	0.00	0	67.8	67.8	67.8
3-4 PM	4194	0.0	OFF	4194	0	0.00	0	62.2	62.2	62.2
4-5 PM	3816	0.0	OFF	3816	0	0.00	0	64.8	64.8	64.8
5-6 PM	3421	0.0	OFF	3421	0	0.00	0	66.5	66.5	66.5
6-7 PM	2946	0.0	2999	2946	0	0.87	11	67.1	52.2	38.6
7-8 PM	2465	0.0	3000	2465	0	0.38	0	67.7	60.1	47.6
8-9 PM	2245	0.0	3000	2245	0	0.33	0	67.9	61.2	49.7
9-10 PM	2868	0.0	3000	2868	0	0.64	0	67.2	55.5	39.4
10-11 PM	2017	0.0	3000	2017	0	0.33	0	68.2	61.4	49.7
11PM-MID	901	0.0	3000	901	0	0.35	0	69.6	62.2	49.7

"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
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

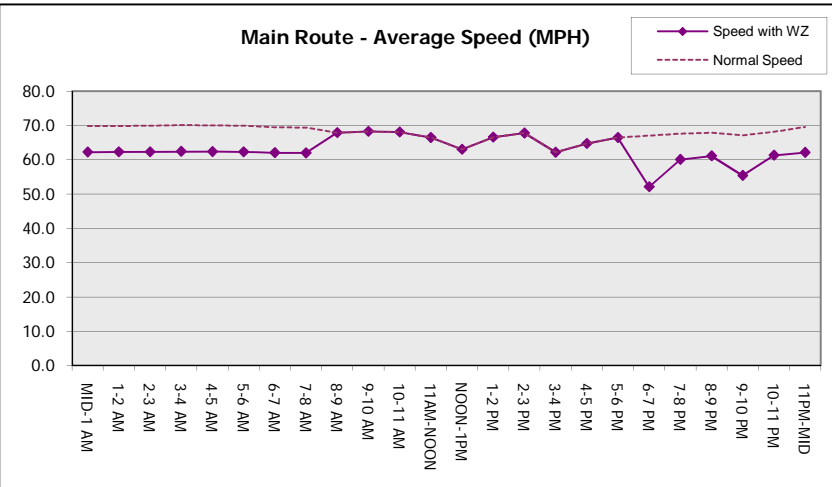
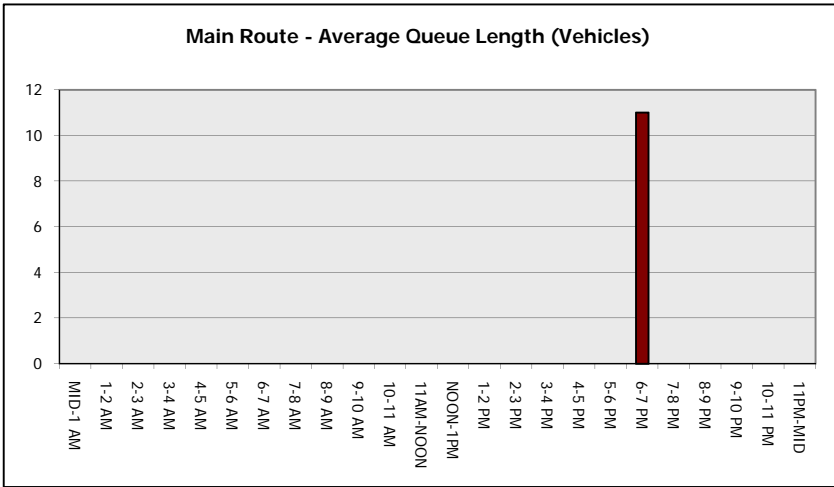
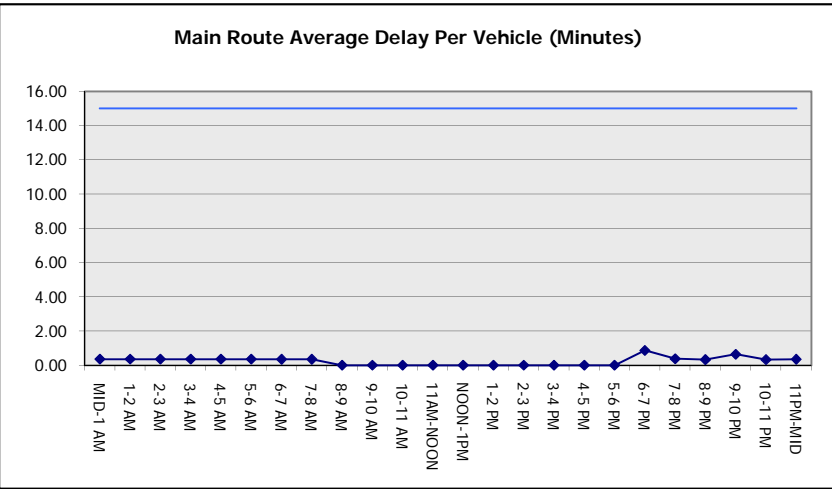
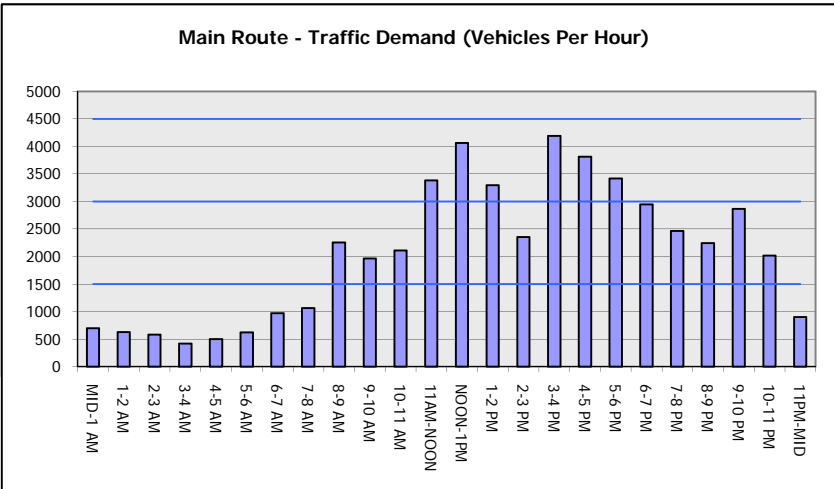
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0269
MAIN ROUTE WITH WORKS	0.0257
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,423
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) NIGHTTIME CLOSURE NO DIVERSION (MAX QUEUE METHOD)	AUGUST
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SUMMARY OF TRAFFIC MODEL OUTPUT

SATURDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH		
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	488	0.0	3000	488	0	0.36	0	70.1	62.4	49.7
1-2 AM	447	0.0	3000	447	0	0.36	0	70.2	62.5	49.7
2-3 AM	320	0.0	3000	320	0	0.36	0	70.2	62.5	49.7
3-4 AM	279	0.0	3000	279	0	0.36	0	70.2	62.5	49.7
4-5 AM	444	0.0	3000	444	0	0.36	0	70.2	62.5	49.7
5-6 AM	557	0.0	3000	557	0	0.36	0	70.0	62.3	49.7
6-7 AM	774	0.0	3000	774	0	0.35	0	69.8	62.2	49.7
7-8 AM	840	0.0	3000	840	0	0.35	0	69.7	62.2	49.7
8-9 AM	1984	0.0	OFF	1984	0	0.00	0	68.2	68.2	68.2
9-10 AM	1839	0.0	OFF	1839	0	0.00	0	68.4	68.4	68.4
10-11 AM	2074	0.0	OFF	2074	0	0.00	0	68.2	68.2	68.2
11AM-NOON	3684	0.0	OFF	3684	0	0.00	0	65.7	65.7	65.7
NOON-1PM	4118	0.0	OFF	4118	0	0.00	0	62.7	62.7	62.7
1-2 PM	3414	0.0	OFF	3414	0	0.00	0	66.5	66.5	66.5
2-3 PM	2477	0.0	OFF	2477	0	0.00	0	67.6	67.6	67.6
3-4 PM	4316	0.0	OFF	4316	0	0.00	0	61.4	61.4	61.4
4-5 PM	4218	0.0	OFF	4218	0	0.00	0	62.0	62.0	62.0
5-6 PM	3824	0.0	OFF	3824	0	0.00	0	64.7	64.7	64.7
6-7 PM	3355	0.0	2999	3355	0	4.16	208	66.6	28.3	37.3
7-8 PM	2818	0.0	2999	2818	0	5.91	290	67.3	22.8	37.3
8-9 PM	2504	0.0	3000	2504	0	0.86	31	67.6	52.6	45.5
9-10 PM	2593	0.0	3000	2593	0	0.46	0	67.5	58.6	44.6
10-11 PM	1859	0.0	3000	1859	0	0.34	0	68.4	61.5	49.7
11PM-MID	606	0.0	3000	606	0	0.36	0	70.0	62.3	49.7

"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
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0270
MAIN ROUTE WITH WORKS	0.0258
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$9,756
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

