

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

SUNDAY 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	884	0.0	3000	884	0	0.35	0	69.6	62.2	49.7
1-2 AM	600	0.0	3000	600	0	0.36	0	70.0	62.3	49.7
2-3 AM	260	0.0	3000	260	0	0.36	0	70.2	62.5	49.7
3-4 AM	194	0.0	3000	194	0	0.36	0	70.2	62.5	49.7
4-5 AM	106	0.0	3000	106	0	0.36	0	70.2	62.5	49.7
5-6 AM	174	0.0	3000	174	0	0.36	0	70.2	62.5	49.7
6-7 AM	279	0.0	3000	279	0	0.36	0	70.2	62.5	49.7
7-8 AM	773	0.0	3000	773	0	0.35	0	69.8	62.2	49.7
8-9 AM	852	0.0	3000	852	0	0.35	0	69.7	62.2	49.7
9-10 AM	1820	0.0	OFF	1820	0	0.00	0	68.5	68.5	68.5
10-11 AM	2218	0.0	OFF	2218	0	0.00	0	68.0	68.0	68.0
11AM-NOON	2503	0.0	OFF	2503	0	0.00	0	67.6	67.6	67.6
NOON-1PM	3413	0.0	OFF	3413	0	0.00	0	66.5	66.5	66.5
1-2 PM	3578	0.0	OFF	3578	0	0.00	0	66.3	66.3	66.3
2-3 PM	3368	0.0	OFF	3368	0	0.00	0	66.6	66.6	66.6
3-4 PM	3443	0.0	OFF	3443	0	0.00	0	66.4	66.4	66.4
4-5 PM	3491	0.0	OFF	3491	0	0.00	0	66.4	66.4	66.4
5-6 PM	3301	0.0	OFF	3301	0	0.00	0	66.6	66.6	66.6
6-7 PM	2989	0.0	OFF	2989	0	0.00	0	67.0	67.0	67.0
7-8 PM	2158	0.0	3000	2158	0	0.33	0	68.1	61.2	49.7
8-9 PM	1585	0.0	3000	1585	0	0.34	0	68.7	61.7	49.7
9-10 PM	1266	0.0	3000	1266	0	0.35	0	69.2	61.9	49.7
10-11 PM	1120	0.0	3000	1120	0	0.35	0	69.4	62.0	49.7
11PM-MID	537	0.0	3000	537	0	0.36	0	70.0	62.4	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	0.0221
MAIN ROUTE WITH WORKS	0.0214
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$863
CONGESTED HOURS PER DAY*	0

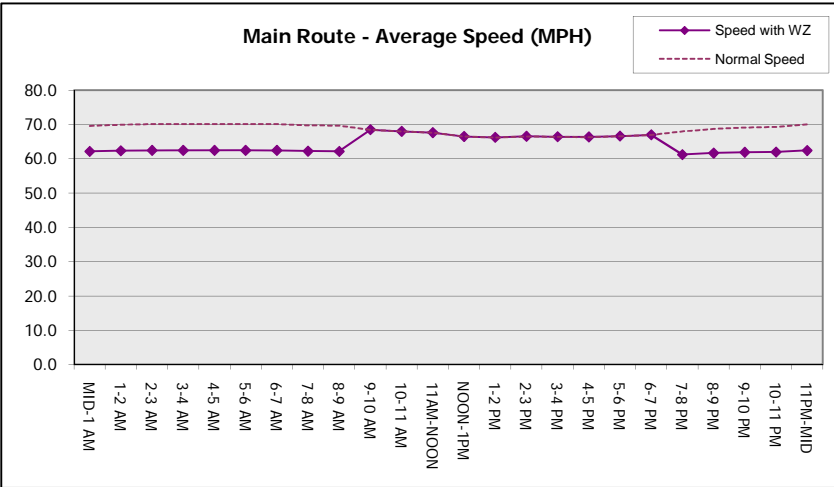
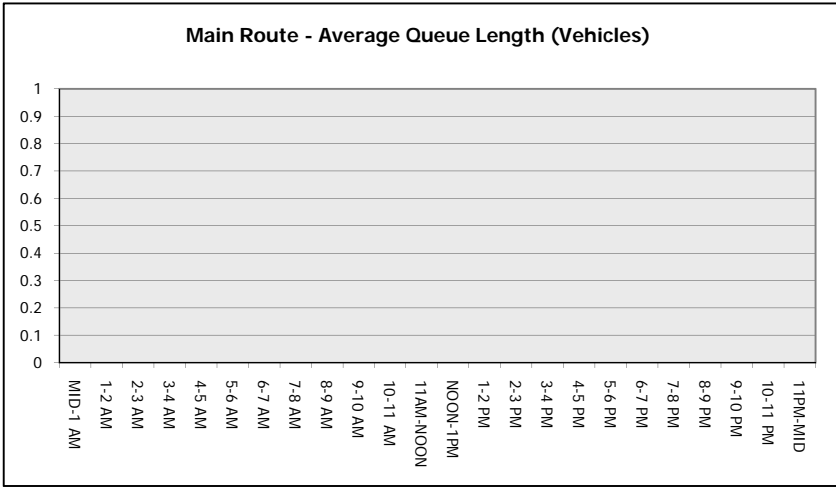
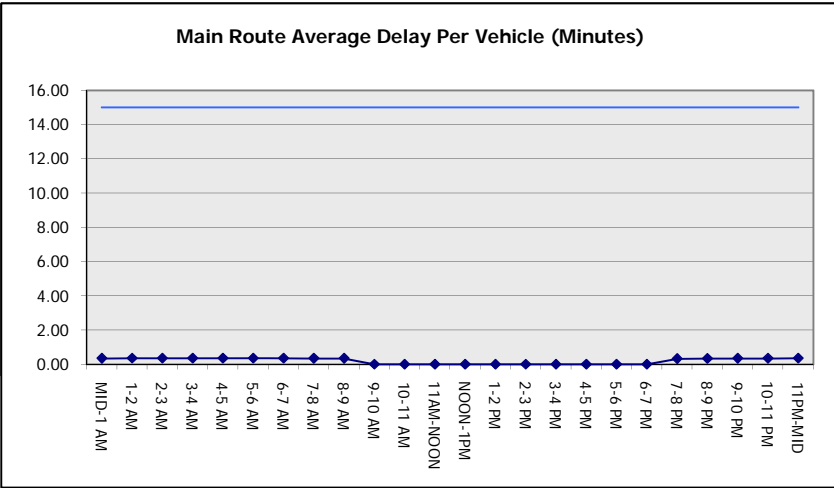
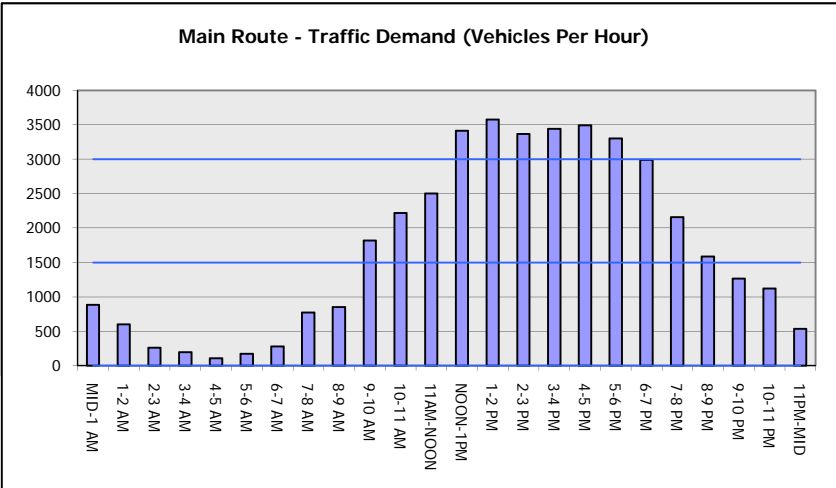
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY 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

SUNDAY 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	609	0.0	3000	609	0	0.36	0	70.0	62.3	49.7
1-2 AM	306	0.0	3000	306	0	0.36	0	70.2	62.5	49.7
2-3 AM	143	0.0	3000	143	0	0.36	0	70.2	62.5	49.7
3-4 AM	132	0.0	3000	132	0	0.36	0	70.2	62.5	49.7
4-5 AM	100	0.0	3000	100	0	0.36	0	70.2	62.5	49.7
5-6 AM	136	0.0	3000	136	0	0.36	0	70.2	62.5	49.7
6-7 AM	252	0.0	3000	252	0	0.36	0	70.2	62.5	49.7
7-8 AM	684	0.0	3000	684	0	0.36	0	69.9	62.3	49.7
8-9 AM	847	0.0	3000	847	0	0.35	0	69.7	62.2	49.7
9-10 AM	1848	0.0	OFF	1848	0	0.00	0	68.4	68.4	68.4
10-11 AM	2375	0.0	OFF	2375	0	0.00	0	67.8	67.8	67.8
11AM-NOON	2930	0.0	OFF	2930	0	0.00	0	67.1	67.1	67.1
NOON-1PM	3583	0.0	OFF	3583	0	0.00	0	66.3	66.3	66.3
1-2 PM	3660	0.0	OFF	3660	0	0.00	0	65.8	65.8	65.8
2-3 PM	3506	0.0	OFF	3506	0	0.00	0	66.4	66.4	66.4
3-4 PM	3479	0.0	OFF	3479	0	0.00	0	66.4	66.4	66.4
4-5 PM	3708	0.0	OFF	3708	0	0.00	0	65.5	65.5	65.5
5-6 PM	3567	0.0	OFF	3567	0	0.00	0	66.3	66.3	66.3
6-7 PM	3388	0.0	OFF	3388	0	0.00	0	66.5	66.5	66.5
7-8 PM	2541	0.0	3000	2541	0	0.43	0	67.6	59.2	45.8
8-9 PM	2059	0.0	3000	2059	0	0.33	0	68.2	61.4	49.7
9-10 PM	1618	0.0	3000	1618	0	0.34	0	68.7	61.7	49.7
10-11 PM	1260	0.0	3000	1260	0	0.35	0	69.2	61.9	49.7
11PM-MID	488	0.0	3000	488	0	0.36	0	70.1	62.4	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	0.0234
MAIN ROUTE WITH WORKS	0.0226
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$943
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

