

<b>IH 94: USH 18 TO CTH O (WAUKESHA COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	840	0.0	3000	840	0	0.35	0	69.7	62.2	49.7
1-2 AM	565	0.0	3000	565	0	0.36	0	70.0	62.3	49.7
2-3 AM	536	0.0	3000	536	0	0.36	0	70.0	62.4	49.7
3-4 AM	295	0.0	3000	295	0	0.36	0	70.2	62.5	49.7
4-5 AM	250	0.0	3000	250	0	0.36	0	70.2	62.5	49.7
5-6 AM	411	0.0	3000	411	0	0.36	0	70.2	62.5	49.7
6-7 AM	754	0.0	3000	754	0	0.35	0	69.8	62.2	49.7
7-8 AM	1193	0.0	3000	1193	0	0.35	0	69.2	61.9	49.7
8-9 AM	1583	0.0	3000	1583	0	0.34	0	68.7	61.7	49.7
9-10 AM	2398	0.0	OFF	2398	0	0.00	0	67.8	67.8	67.8
10-11 AM	2698	0.0	OFF	2698	0	0.00	0	67.4	67.4	67.4
11AM-NOON	2741	0.0	OFF	2741	0	0.00	0	67.3	67.3	67.3
NOON-1PM	3191	0.0	OFF	3191	0	0.00	0	66.8	66.8	66.8
1-2 PM	3491	0.0	OFF	3491	0	0.00	0	66.4	66.4	66.4
2-3 PM	3232	0.0	OFF	3232	0	0.00	0	66.7	66.7	66.7
3-4 PM	3439	0.0	OFF	3439	0	0.00	0	66.4	66.4	66.4
4-5 PM	3470	0.0	OFF	3470	0	0.00	0	66.4	66.4	66.4
5-6 PM	3334	0.0	OFF	3334	0	0.00	0	66.6	66.6	66.6
6-7 PM	2590	0.0	OFF	2590	0	0.00	0	67.5	67.5	67.5
7-8 PM	1933	0.0	3000	1933	0	0.34	0	68.3	61.4	49.7
8-9 PM	1579	0.0	3000	1579	0	0.34	0	68.7	61.7	49.7
9-10 PM	1105	0.0	3000	1105	0	0.35	0	69.4	62.0	49.7
10-11 PM	961	0.0	3000	961	0	0.35	0	69.6	62.1	49.7
11PM-MID	583	0.0	3000	583	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	0.0234
MAIN ROUTE WITH WORKS	0.0225
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$991
CONGESTED HOURS PER DAY*	0

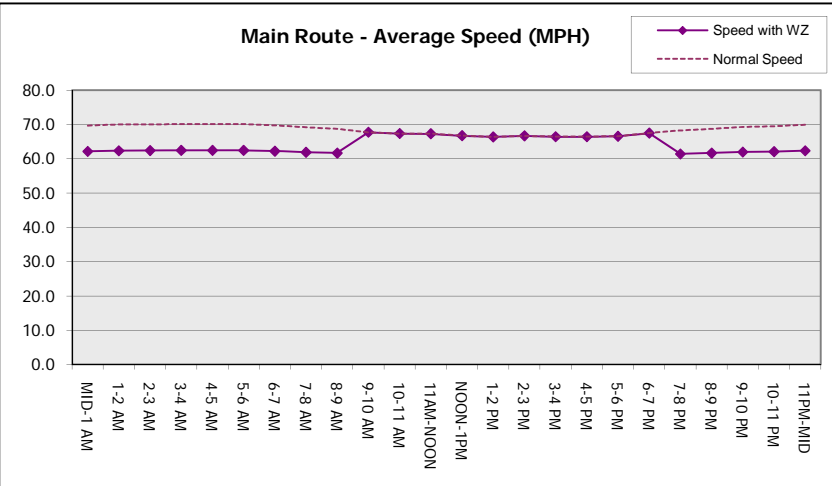
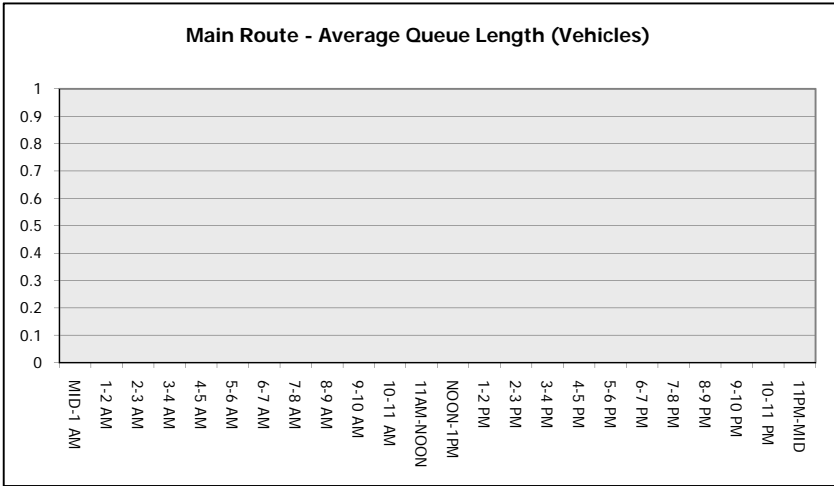
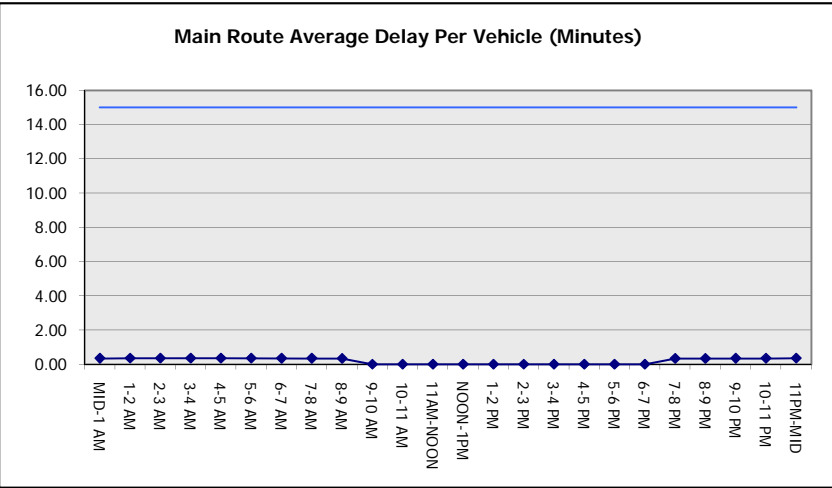
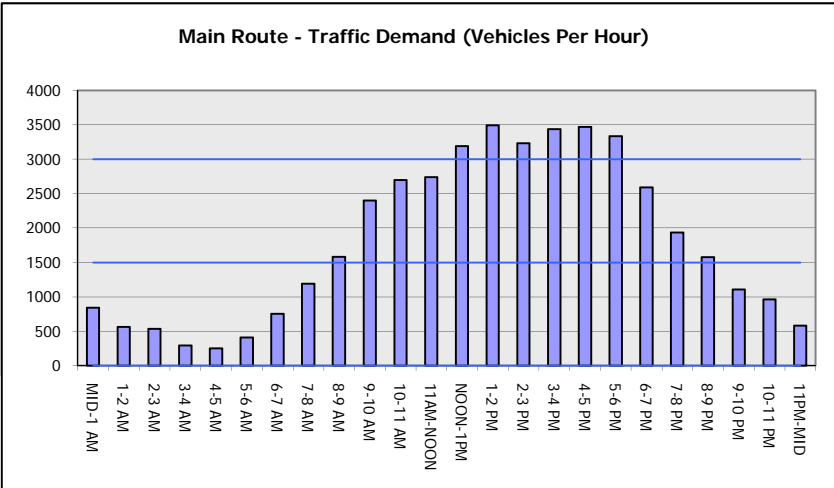
\*Delays Exceeding User-Specified Maximum

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**NIGHTTIME CLOSURE**  
**NO DIVERSION (MAX QUEUE METHOD)**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SUNDAY WESTBOUND DIRECTION**



<b>IH 94: USH 18 TO CTH O (WAUKESHA COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION (MAX QUEUE METHOD)</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**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	756	0.0	3000	756	0	0.35	0	69.8	62.2	49.7
1-2 AM	446	0.0	3000	446	0	0.36	0	70.2	62.5	49.7
2-3 AM	322	0.0	3000	322	0	0.36	0	70.2	62.5	49.7
3-4 AM	211	0.0	3000	211	0	0.36	0	70.2	62.5	49.7
4-5 AM	225	0.0	3000	225	0	0.36	0	70.2	62.5	49.7
5-6 AM	323	0.0	3000	323	0	0.36	0	70.2	62.5	49.7
6-7 AM	629	0.0	3000	629	0	0.36	0	69.9	62.3	49.7
7-8 AM	914	0.0	3000	914	0	0.35	0	69.6	62.1	49.7
8-9 AM	1408	0.0	3000	1408	0	0.34	0	69.0	61.8	49.7
9-10 AM	2179	0.0	OFF	2179	0	0.00	0	68.0	68.0	68.0
10-11 AM	2617	0.0	OFF	2617	0	0.00	0	67.5	67.5	67.5
11AM-NOON	3056	0.0	OFF	3056	0	0.00	0	66.9	66.9	66.9
NOON-1PM	3212	0.0	OFF	3212	0	0.00	0	66.8	66.8	66.8
1-2 PM	3460	0.0	OFF	3460	0	0.00	0	66.4	66.4	66.4
2-3 PM	3232	0.0	OFF	3232	0	0.00	0	66.7	66.7	66.7
3-4 PM	3383	0.0	OFF	3383	0	0.00	0	66.5	66.5	66.5
4-5 PM	2947	0.0	OFF	2947	0	0.00	0	67.1	67.1	67.1
5-6 PM	3261	0.0	OFF	3261	0	0.00	0	66.7	66.7	66.7
6-7 PM	3193	0.0	OFF	3193	0	0.00	0	66.8	66.8	66.8
7-8 PM	2447	0.0	3000	2447	0	0.37	0	67.7	60.3	48.1
8-9 PM	2021	0.0	3000	2021	0	0.33	0	68.2	61.4	49.7
9-10 PM	1368	0.0	3000	1368	0	0.34	0	69.1	61.8	49.7
10-11 PM	1099	0.0	3000	1099	0	0.35	0	69.4	62.0	49.7
11PM-MID	621	0.0	3000	621	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	0.0234
MAIN ROUTE WITH WORKS	0.0226
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,015
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**

