

<b>IH 94: USH 18 TO CTH O (WAUKESHA COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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		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	139	0.0	3000	139	0	0.36	0	70.2	62.5	49.7
1-2 AM	24	0.0	3000	24	0	0.36	0	70.2	62.5	49.7
2-3 AM	151	0.0	3000	151	0	0.36	0	70.2	62.5	49.7
3-4 AM	23	0.0	3000	23	0	0.36	0	70.2	62.5	49.7
4-5 AM	70	0.0	3000	70	0	0.36	0	70.2	62.5	49.7
5-6 AM	138	0.0	OFF	138	0	0.00	0	70.2	70.2	70.2
6-7 AM	199	0.0	OFF	199	0	0.00	0	70.2	70.2	70.2
7-8 AM	141	0.0	OFF	141	0	0.00	0	70.2	70.2	70.2
8-9 AM	3023	0.0	OFF	3023	0	0.00	0	67.0	67.0	67.0
9-10 AM	2201	0.0	OFF	2201	0	0.00	0	68.0	68.0	68.0
10-11 AM	1418	0.0	OFF	1418	0	0.00	0	69.0	69.0	69.0
11AM-NOON	2046	0.0	OFF	2046	0	0.00	0	68.2	68.2	68.2
NOON-1PM	141	0.0	OFF	141	0	0.00	0	70.2	70.2	70.2
1-2 PM	2630	0.0	OFF	2630	0	0.00	0	67.4	67.4	67.4
2-3 PM	4624	0.0	OFF	4624	0	0.00	0	59.2	59.2	59.2
3-4 PM	5015	0.0	OFF	5015	0	0.00	0	56.6	56.6	56.6
4-5 PM	4861	0.0	OFF	4861	0	0.00	0	57.6	57.6	57.6
5-6 PM	5089	0.0	OFF	5089	0	0.00	0	56.1	56.1	56.1
6-7 PM	3850	0.0	OFF	3850	0	0.00	0	64.6	64.6	64.6
7-8 PM	3066	0.0	2999	3066	0	1.90	65	66.9	41.2	37.3
8-9 PM	2801	0.0	2999	2801	0	0.91	18	67.3	51.7	40.1
9-10 PM	2426	0.0	3000	2426	0	0.35	0	67.7	60.6	48.7
10-11 PM	2147	0.0	3000	2147	0	0.33	0	68.1	61.3	49.7
11PM-MID	1701	0.0	3000	1701	0	0.34	0	68.6	61.6	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	0.0259
MAIN ROUTE WITH WORKS	0.0251
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,534
CONGESTED HOURS PER DAY*	0

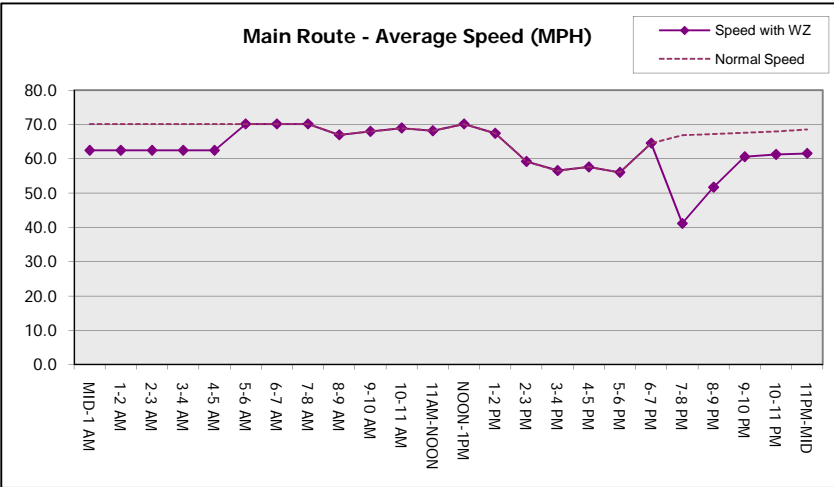
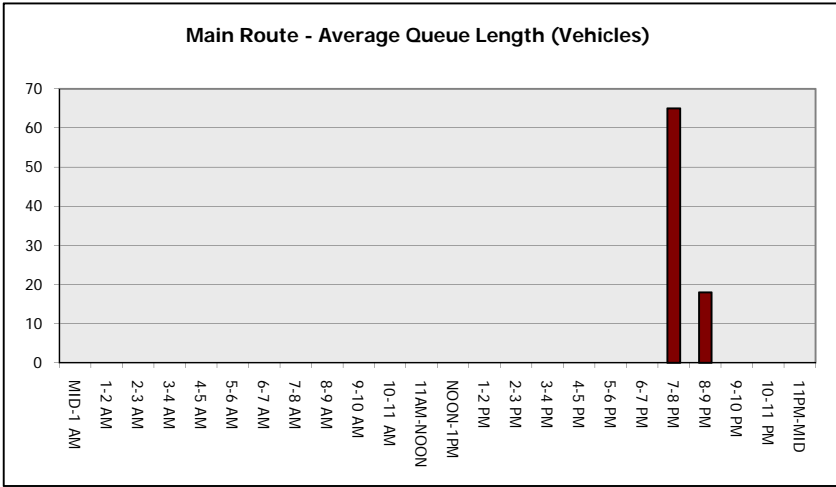
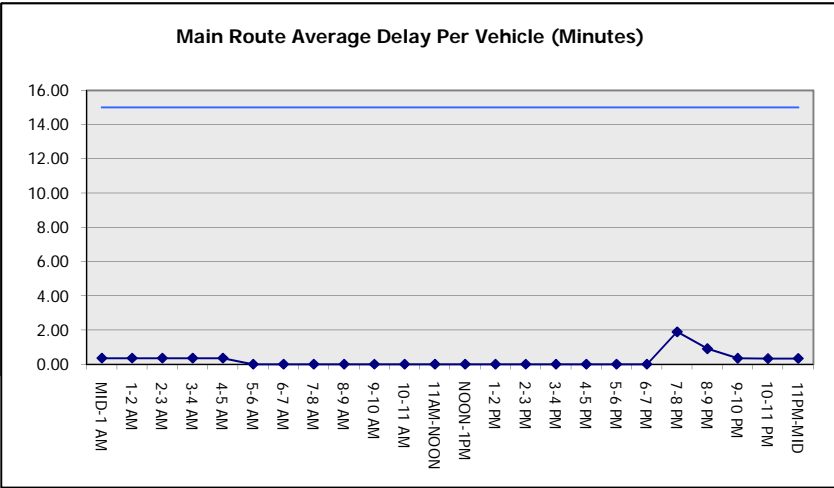
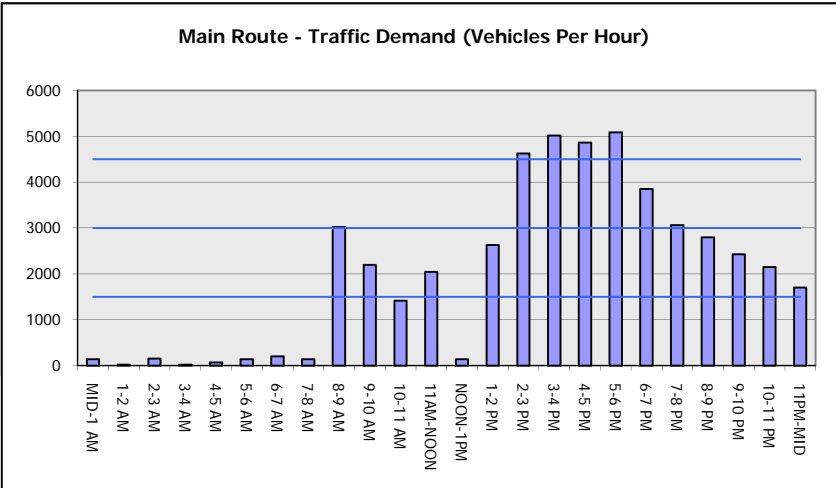
\*Delays Exceeding User-Specified Maximum

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

**FRIDAY WESTBOUND DIRECTION**



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

FRIDAY 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	83	0.0	3000	83	0	0.36	0	70.2	62.5	49.7
1-2 AM	24	0.0	3000	24	0	0.36	0	70.2	62.5	49.7
2-3 AM	95	0.0	3000	95	0	0.36	0	70.2	62.5	49.7
3-4 AM	14	0.0	3000	14	0	0.36	0	70.2	62.5	49.7
4-5 AM	70	0.0	3000	70	0	0.36	0	70.2	62.5	49.7
5-6 AM	91	0.0	OFF	91	0	0.00	0	70.2	70.2	70.2
6-7 AM	229	0.0	OFF	229	0	0.00	0	70.2	70.2	70.2
7-8 AM	122	0.0	OFF	122	0	0.00	0	70.2	70.2	70.2
8-9 AM	2960	0.0	OFF	2960	0	0.00	0	67.1	67.1	67.1
9-10 AM	2185	0.0	OFF	2185	0	0.00	0	68.0	68.0	68.0
10-11 AM	1369	0.0	OFF	1369	0	0.00	0	69.1	69.1	69.1
11AM-NOON	2009	0.0	OFF	2009	0	0.00	0	68.2	68.2	68.2
NOON-1PM	109	0.0	OFF	109	0	0.00	0	70.2	70.2	70.2
1-2 PM	2181	0.0	OFF	2181	0	0.00	0	68.0	68.0	68.0
2-3 PM	4737	0.0	OFF	4737	0	0.00	0	58.5	58.5	58.5
3-4 PM	5125	0.0	OFF	5125	0	0.00	0	55.8	55.8	55.8
4-5 PM	4914	0.0	OFF	4914	0	0.00	0	57.3	57.3	57.3
5-6 PM	4785	0.0	OFF	4785	0	0.00	0	58.2	58.2	58.2
6-7 PM	3850	0.0	OFF	3850	0	0.00	0	64.6	64.6	64.6
7-8 PM	3177	0.0	2999	3177	0	2.86	123	66.8	34.5	37.3
8-9 PM	2720	0.0	2999	2720	0	1.65	72	67.4	43.6	40.4
9-10 PM	2494	0.0	3000	2494	0	0.40	0	67.6	59.7	46.9
10-11 PM	2003	0.0	3000	2003	0	0.33	0	68.2	61.4	49.7
11PM-MID	1514	0.0	3000	1514	0	0.34	0	68.9	61.7	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	0.0253
MAIN ROUTE WITH WORKS	0.0245
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,769
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY EASTBOUND DIRECTION**

