

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

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                  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	465	0.0	3000	465	0	0.36	0	70.2	62.4	49.7
1-2 AM	291	0.0	3000	291	0	0.36	0	70.2	62.5	49.7
2-3 AM	286	0.0	3000	286	0	0.36	0	70.2	62.5	49.7
3-4 AM	335	0.0	3000	335	0	0.36	0	70.2	62.5	49.7
4-5 AM	613	0.0	3000	613	0	0.36	0	70.0	62.3	49.7
5-6 AM	1743	0.0	OFF	1743	0	0.00	0	68.6	68.6	68.6
6-7 AM	4073	0.0	OFF	4073	0	0.00	0	63.0	63.0	63.0
7-8 AM	4888	0.0	OFF	4888	0	0.00	0	57.4	57.4	57.4
8-9 AM	4206	0.0	OFF	4206	0	0.00	0	62.1	62.1	62.1
9-10 AM	2830	0.0	OFF	2830	0	0.00	0	67.2	67.2	67.2
10-11 AM	2686	0.0	OFF	2686	0	0.00	0	67.4	67.4	67.4
11AM-NOON	2953	0.0	OFF	2953	0	0.00	0	67.1	67.1	67.1
NOON-1PM	3312	0.0	OFF	3312	0	0.00	0	66.6	66.6	66.6
1-2 PM	3625	0.0	OFF	3625	0	0.00	0	66.1	66.1	66.1
2-3 PM	3822	0.0	OFF	3822	0	0.00	0	64.8	64.8	64.8
3-4 PM	4045	0.0	OFF	4045	0	0.00	0	63.2	63.2	63.2
4-5 PM	4570	0.0	OFF	4570	0	0.00	0	59.6	59.6	59.6
5-6 PM	4184	0.0	OFF	4184	0	0.00	0	62.3	62.3	62.3
6-7 PM	3334	0.0	OFF	3334	0	0.00	0	66.6	66.6	66.6
7-8 PM	2332	0.0	3000	2332	0	0.33	0	67.8	61.1	49.7
8-9 PM	1677	0.0	3000	1677	0	0.34	0	68.6	61.6	49.7
9-10 PM	1660	0.0	3000	1660	0	0.34	0	68.7	61.6	49.7
10-11 PM	1318	0.0	3000	1318	0	0.35	0	69.1	61.9	49.7
11PM-MID	824	0.0	3000	824	0	0.35	0	69.7	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

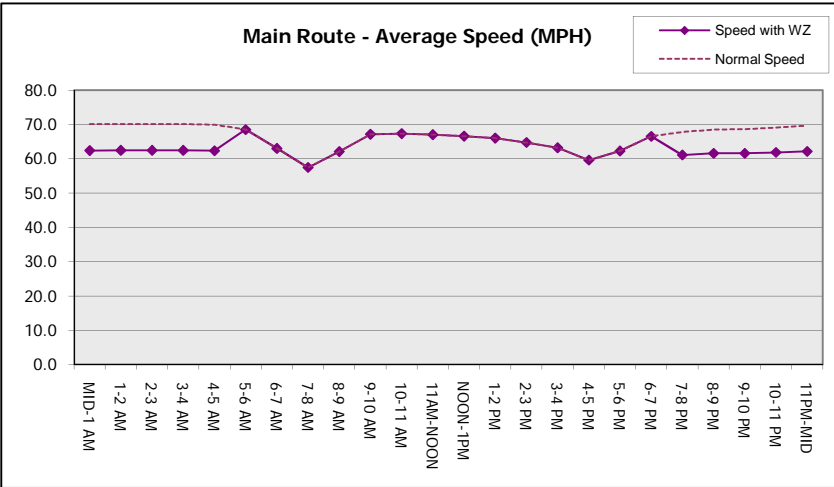
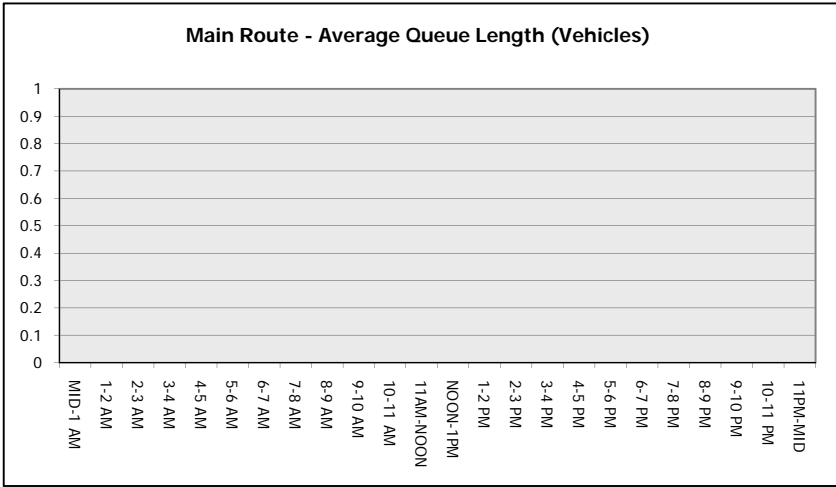
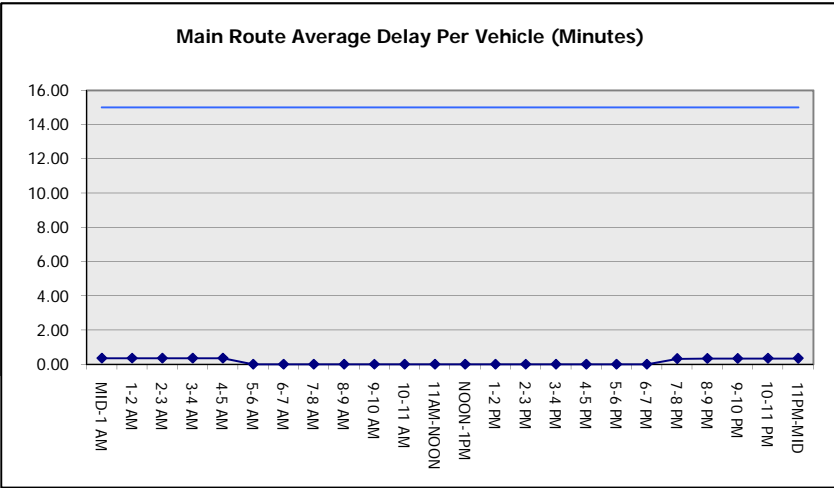
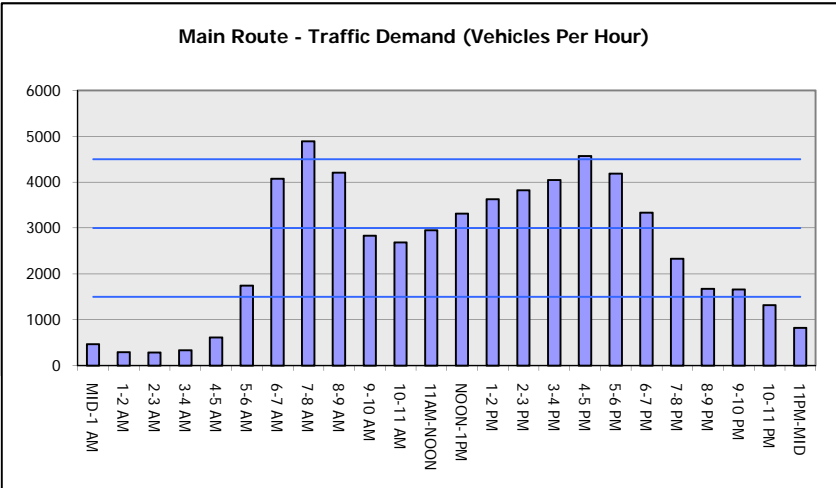
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0325
MAIN ROUTE WITH WORKS	0.0318
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$667
CONGESTED HOURS PER DAY*	0

\*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**  
**MON-THUR 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**

MON-THUR                      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	443	0.0	3000	443	0	0.36	0	70.2	62.5	49.7
1-2 AM	253	0.0	3000	253	0	0.36	0	70.2	62.5	49.7
2-3 AM	234	0.0	3000	234	0	0.36	0	70.2	62.5	49.7
3-4 AM	271	0.0	3000	271	0	0.36	0	70.2	62.5	49.7
4-5 AM	546	0.0	3000	546	0	0.36	0	70.0	62.4	49.7
5-6 AM	1720	0.0	OFF	1720	0	0.00	0	68.6	68.6	68.6
6-7 AM	4629	0.0	OFF	4629	0	0.00	0	59.2	59.2	59.2
7-8 AM	5093	0.0	OFF	5093	0	0.00	0	56.1	56.1	56.1
8-9 AM	4272	0.0	OFF	4272	0	0.00	0	61.7	61.7	61.7
9-10 AM	3083	0.0	OFF	3083	0	0.00	0	66.9	66.9	66.9
10-11 AM	2853	0.0	OFF	2853	0	0.00	0	67.2	67.2	67.2
11AM-NOON	2965	0.0	OFF	2965	0	0.00	0	67.1	67.1	67.1
NOON-1PM	3154	0.0	OFF	3154	0	0.00	0	66.8	66.8	66.8
1-2 PM	3442	0.0	OFF	3442	0	0.00	0	66.4	66.4	66.4
2-3 PM	3601	0.0	OFF	3601	0	0.00	0	66.3	66.3	66.3
3-4 PM	3767	0.0	OFF	3767	0	0.00	0	65.1	65.1	65.1
4-5 PM	4246	0.0	OFF	4246	0	0.00	0	61.9	61.9	61.9
5-6 PM	3939	0.0	OFF	3939	0	0.00	0	64.0	64.0	64.0
6-7 PM	3083	0.0	OFF	3083	0	0.00	0	66.9	66.9	66.9
7-8 PM	2289	0.0	3000	2289	0	0.33	0	67.9	61.2	49.7
8-9 PM	1875	0.0	3000	1875	0	0.34	0	68.4	61.5	49.7
9-10 PM	1796	0.0	3000	1796	0	0.34	0	68.5	61.5	49.7
10-11 PM	1285	0.0	3000	1285	0	0.35	0	69.1	61.9	49.7
11PM-MID	882	0.0	3000	882	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	0.0323
MAIN ROUTE WITH WORKS	0.0317
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$671
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
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**MAY**  
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Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR EASTBOUND DIRECTION**

