

<b>IH 94: STH 16 TO USH 18 (WAUKESHA COUNTY)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
	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	794	0.0	3000	794	0	0.35	0	69.7	63.5	49.7
1-2 AM	464	0.0	3000	464	0	0.36	0	70.2	63.8	49.7
2-3 AM	380	0.0	3000	380	0	0.36	0	70.2	63.8	49.7
3-4 AM	303	0.0	3000	303	0	0.36	0	70.2	63.8	49.7
4-5 AM	382	0.0	3000	382	0	0.36	0	70.2	63.8	49.7
5-6 AM	664	0.0	3000	664	0	0.36	0	69.9	63.7	49.7
6-7 AM	1303	0.0	3000	1303	0	0.35	0	69.1	63.1	49.7
7-8 AM	2134	0.0	3000	2134	0	0.33	0	68.1	62.5	49.7
8-9 AM	2646	0.0	OFF	2646	0	0.00	0	67.4	67.4	67.4
9-10 AM	2975	0.0	OFF	2975	0	0.00	0	67.1	67.1	67.1
10-11 AM	3358	0.0	OFF	3358	0	0.00	0	66.6	66.6	66.6
11AM-NOON	3695	0.0	OFF	3695	0	0.00	0	65.6	65.6	65.6
NOON-1PM	3939	0.0	OFF	3939	0	0.00	0	64.0	64.0	64.0
1-2 PM	3681	0.0	OFF	3681	0	0.00	0	65.7	65.7	65.7
2-3 PM	3640	0.0	OFF	3640	0	0.00	0	66.0	66.0	66.0
3-4 PM	3693	0.0	OFF	3693	0	0.00	0	65.6	65.6	65.6
4-5 PM	3597	0.0	OFF	3597	0	0.00	0	66.3	66.3	66.3
5-6 PM	3208	0.0	OFF	3208	0	0.00	0	66.8	66.8	66.8
6-7 PM	2656	0.0	3000	2656	0	0.50	0	67.4	59.4	43.3
7-8 PM	2133	0.0	3000	2133	0	0.33	0	68.1	62.5	49.7
8-9 PM	2106	0.0	3000	2106	0	0.33	0	68.1	62.5	49.7
9-10 PM	2308	0.0	3000	2308	0	0.33	0	67.9	62.3	49.7
10-11 PM	1642	0.0	3000	1642	0	0.34	0	68.7	62.8	49.7
11PM-MID	1122	0.0	3000	1122	0	0.35	0	69.4	63.3	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	0.0353
MAIN ROUTE WITH WORKS	0.0341
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,535
CONGESTED HOURS PER DAY*	0

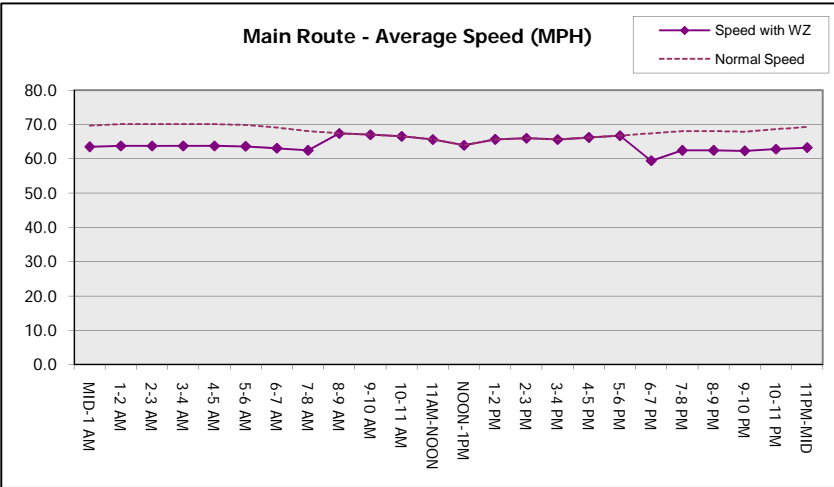
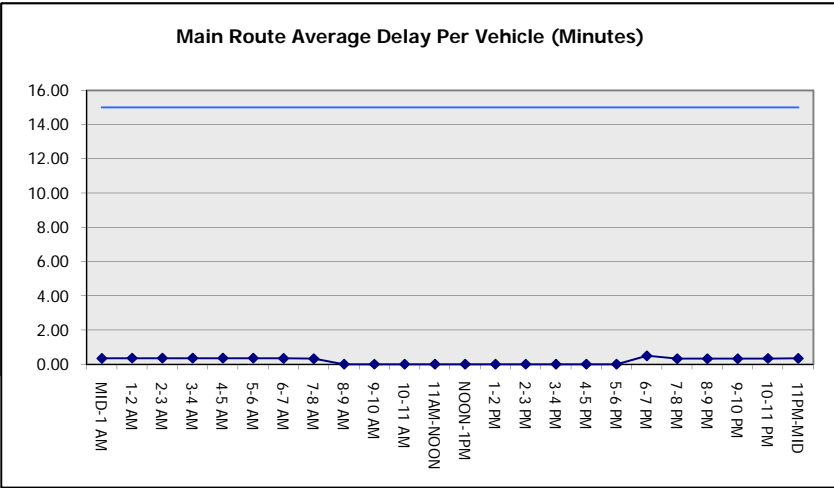
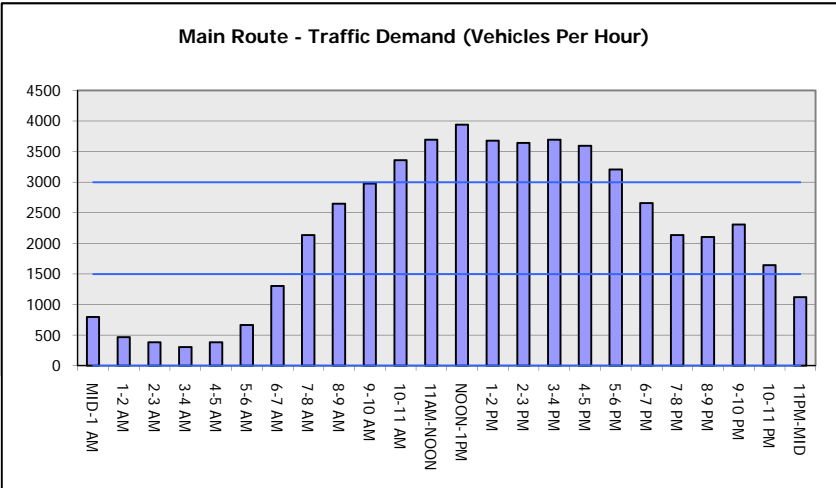
\*Delays Exceeding User-Specified Maximum

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

**MAY**  
Analyzed for 2009  
Construction Season

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

**SATURDAY WESTBOUND DIRECTION**



<b>IH 94: STH 16 TO USH 18 (WAUKESHA COUNTY)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</b>
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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	605	0.0	3000	605	0	0.36	0	70.0	63.7	49.7
1-2 AM	364	0.0	3000	364	0	0.36	0	70.2	63.8	49.7
2-3 AM	272	0.0	3000	272	0	0.36	0	70.2	63.8	49.7
3-4 AM	226	0.0	3000	226	0	0.36	0	70.2	63.8	49.7
4-5 AM	337	0.0	3000	337	0	0.36	0	70.2	63.8	49.7
5-6 AM	649	0.0	3000	649	0	0.36	0	69.9	63.7	49.7
6-7 AM	1056	0.0	3000	1056	0	0.35	0	69.4	63.3	49.7
7-8 AM	1632	0.0	3000	1632	0	0.34	0	68.7	62.8	49.7
8-9 AM	2426	0.0	OFF	2426	0	0.00	0	67.7	67.7	67.7
9-10 AM	3011	0.0	OFF	3011	0	0.00	0	67.0	67.0	67.0
10-11 AM	3300	0.0	OFF	3300	0	0.00	0	66.6	66.6	66.6
11AM-NOON	3615	0.0	OFF	3615	0	0.00	0	66.1	66.1	66.1
NOON-1PM	3724	0.0	OFF	3724	0	0.00	0	65.4	65.4	65.4
1-2 PM	3643	0.0	OFF	3643	0	0.00	0	66.0	66.0	66.0
2-3 PM	3801	0.0	OFF	3801	0	0.00	0	64.9	64.9	64.9
3-4 PM	3779	0.0	OFF	3779	0	0.00	0	65.0	65.0	65.0
4-5 PM	3845	0.0	OFF	3845	0	0.00	0	64.6	64.6	64.6
5-6 PM	3469	0.0	OFF	3469	0	0.00	0	66.4	66.4	66.4
6-7 PM	2863	0.0	2999	2863	0	0.65	0	67.2	57.3	39.7
7-8 PM	2323	0.0	3000	2323	0	0.33	0	67.9	62.3	49.7
8-9 PM	2056	0.0	3000	2056	0	0.33	0	68.2	62.5	49.7
9-10 PM	1849	0.0	3000	1849	0	0.34	0	68.4	62.7	49.7
10-11 PM	1444	0.0	3000	1444	0	0.34	0	68.9	63.0	49.7
11PM-MID	1092	0.0	3000	1092	0	0.35	0	69.4	63.3	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	0.0343
MAIN ROUTE WITH WORKS	0.0332
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,523
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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**MAY**  
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Construction Season

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

