

<b>IH 94: STH 16 TO USH 18 (WAUKESHA COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</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	588	0.0	OFF	588	0	0.00	0	70.0	70.0	70.0
1-2 AM	353	0.0	OFF	353	0	0.00	0	70.2	70.2	70.2
2-3 AM	282	0.0	OFF	282	0	0.00	0	70.2	70.2	70.2
3-4 AM	317	0.0	OFF	317	0	0.00	0	70.2	70.2	70.2
4-5 AM	477	0.0	OFF	477	0	0.00	0	70.1	70.1	70.1
5-6 AM	1258	0.0	OFF	1258	0	0.00	0	69.2	69.2	69.2
6-7 AM	2907	0.0	OFF	2907	0	0.00	0	67.1	67.1	67.1
7-8 AM	4058	0.0	OFF	4058	0	0.00	0	63.2	63.2	63.2
8-9 AM	3907	0.0	OFF	3907	0	0.00	0	64.1	64.1	64.1
9-10 AM	3317	0.0	OFF	3317	0	0.00	0	66.6	66.6	66.6
10-11 AM	3297	0.0	2999	3297	0	2.86	133	66.6	37.9	37.3
11AM-NOON	3801	0.0	3000	3480	321	11.32+	622	64.9	16.6	37.3
NOON-1PM	4224	0.0	2999	3009	1215	15.06+	806	62.0	13.4	37.3
1-2 PM	4391	0.0	3000	3008	1383	15.00+	807	60.9	13.4	37.3
2-3 PM	4972	0.0	2999	3000	1972	14.74+	809	56.9	13.4	37.3
3-4 PM	5700	0.0	OFF	5700	0	6.64	643	51.9	21.9	21.9
4-5 PM	6089	0.0	OFF	6089	0	5.32	538	49.2	24.2	24.2
5-6 PM	5997	0.0	OFF	5997	0	5.81	581	49.9	23.2	23.2
6-7 PM	4503	0.0	OFF	4503	0	1.42	112	60.1	44.9	44.9
7-8 PM	3003	0.0	OFF	3003	0	0.00	0	67.0	67.0	67.0
8-9 PM	2417	0.0	OFF	2417	0	0.00	0	67.8	67.8	67.8
9-10 PM	2394	0.0	OFF	2394	0	0.00	0	67.8	67.8	67.8
10-11 PM	2242	0.0	OFF	2242	0	0.00	0	67.9	67.9	67.9
11PM-MID	1375	0.0	OFF	1375	0	0.00	0	69.0	69.0	69.0

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- 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

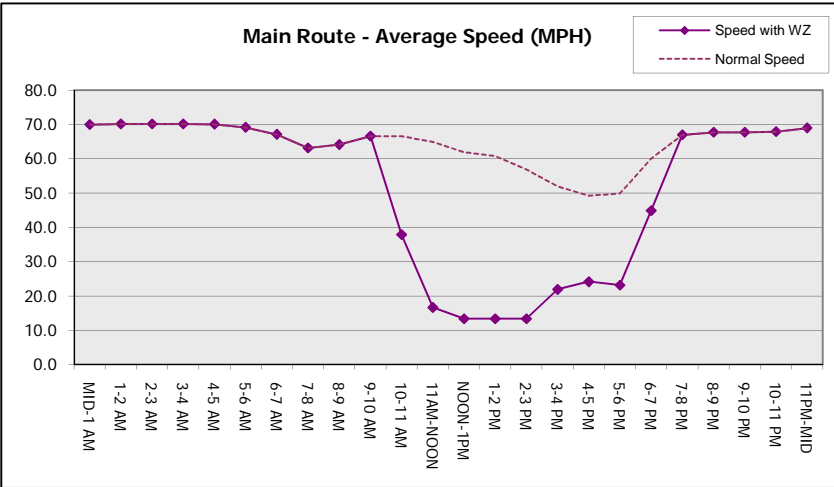
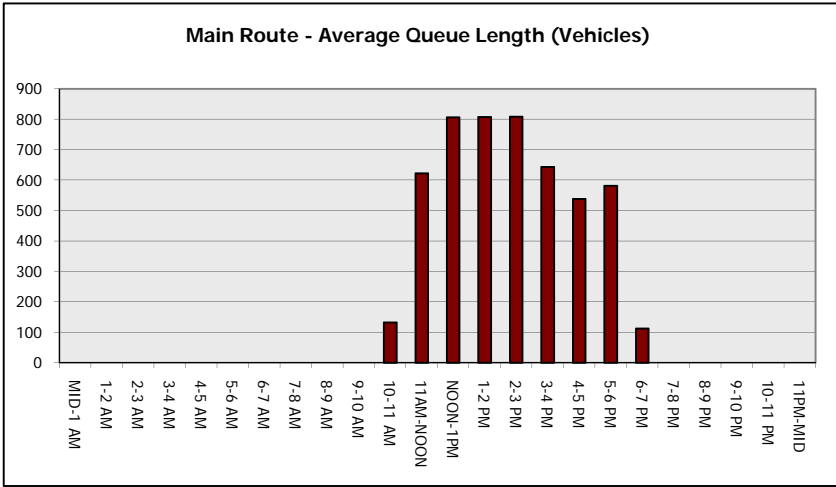
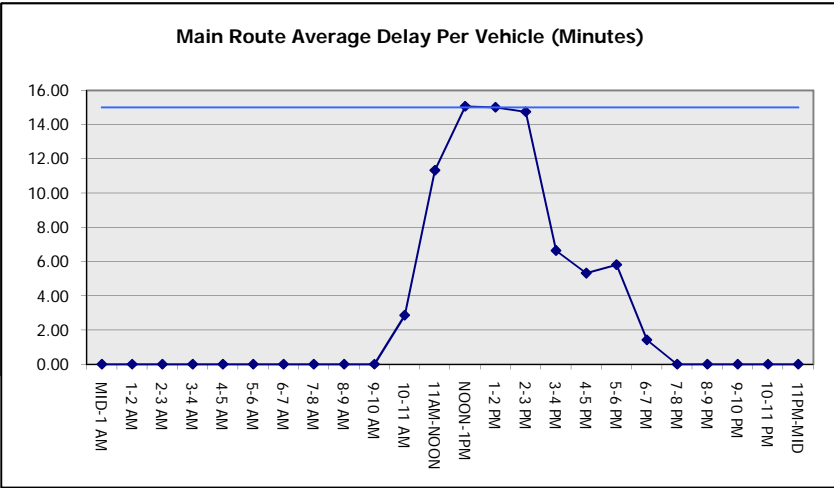
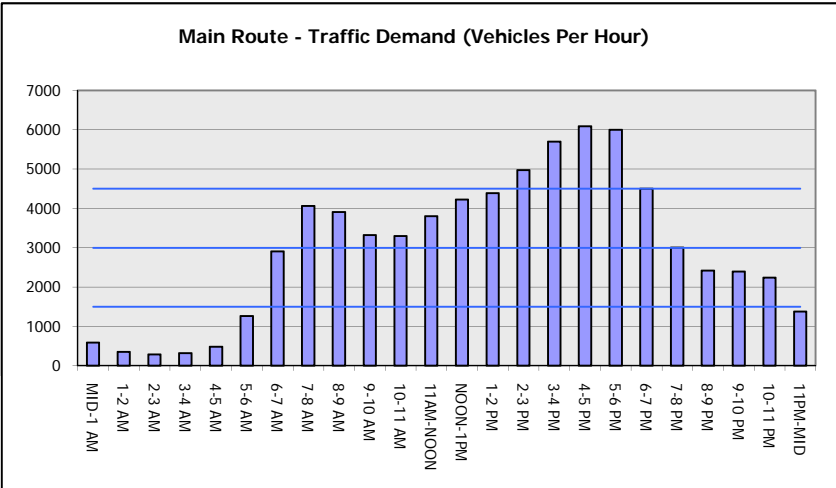
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0480
MAIN ROUTE WITH WORKS	0.0437
'DIVERSION'	0.0076
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$64,099
CONGESTED HOURS PER DAY*	4

\*Delays Exceeding User-Specified Maximum

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OFF-PEAK DAY CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
Analyzed for 2009  
Construction Season

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



<b>IH 94: STH 16 TO USH 18 (WAUKESHA COUNTY)</b> <b>OFF-PEAK DAY CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>MAY</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	362	0.0	OFF	362	0	0.00	0	70.2	70.2	70.2
1-2 AM	267	0.0	OFF	267	0	0.00	0	70.2	70.2	70.2
2-3 AM	239	0.0	OFF	239	0	0.00	0	70.2	70.2	70.2
3-4 AM	258	0.0	OFF	258	0	0.00	0	70.2	70.2	70.2
4-5 AM	636	0.0	OFF	636	0	0.00	0	69.9	69.9	69.9
5-6 AM	2008	0.0	OFF	2008	0	0.00	0	68.2	68.2	68.2
6-7 AM	4704	0.0	OFF	4704	0	0.00	0	58.7	58.7	58.7
7-8 AM	5644	0.0	OFF	5644	0	0.00	0	52.3	52.3	52.3
8-9 AM	4607	0.0	OFF	4607	0	0.00	0	59.4	59.4	59.4
9-10 AM	3566	0.0	OFF	3566	0	0.00	0	66.3	66.3	66.3
10-11 AM	3282	0.0	2999	3282	0	3.02	139	66.6	37.1	37.3
11AM-NOON	3598	0.0	3000	3598	0	10.47+	571	66.3	17.7	37.3
NOON-1PM	3569	0.0	2999	2971	598	15.26+	802	66.3	13.4	37.3
1-2 PM	3541	0.0	3000	2998	543	15.31+	805	66.3	13.4	37.3
2-3 PM	4039	0.0	2999	2993	1046	15.14+	806	63.3	13.4	37.3
3-4 PM	4689	0.0	OFF	4689	0	3.17	270	58.8	33.8	33.8
4-5 PM	4636	0.0	OFF	4636	0	0.00	0	59.2	59.2	59.2
5-6 PM	4693	0.0	OFF	4693	0	0.00	0	58.8	58.8	58.8
6-7 PM	3698	0.0	OFF	3698	0	0.00	0	65.6	65.6	65.6
7-8 PM	2635	0.0	OFF	2635	0	0.00	0	67.4	67.4	67.4
8-9 PM	2121	0.0	OFF	2121	0	0.00	0	68.1	68.1	68.1
9-10 PM	1884	0.0	OFF	1884	0	0.00	0	68.4	68.4	68.4
10-11 PM	1424	0.0	OFF	1424	0	0.00	0	69.0	69.0	69.0
11PM-MID	1105	0.0	OFF	1105	0	0.00	0	69.4	69.4	69.4

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

*----- 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	0.0449
MAIN ROUTE WITH WORKS	0.0424
'DIVERSION'	0.0034

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$40,601
CONGESTED HOURS PER DAY*	4

\*Delays Exceeding User-Specified Maximum

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**MAY**  
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Construction Season

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

