

IH 94: STH 16 TO USH 18 (WAUKESHA COUNTY) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	1499	1550	1747	16.45+	412	66.6	12.4	36.6
11AM-NOON	3801	0.0	1499	1690	2110	14.41+	378	64.9	13.8	35.8
NOON-1PM	4224	0.0	1499	1500	2724	15.62+	399	62.0	12.8	37.9
1-2 PM	4391	0.0	1500	1500	2891	15.54+	400	60.9	12.8	37.9
2-3 PM	4972	0.0	1500	1500	3472	15.26+	400	56.9	12.8	37.9
3-4 PM	5700	0.0	OFF	5700	0	1.12	96	51.9	42.2	42.2
4-5 PM	6089	0.0	OFF	6089	0	0.00	0	49.2	49.2	49.2
5-6 PM	5997	0.0	OFF	5997	0	0.00	0	49.9	49.9	49.9
6-7 PM	4503	0.0	OFF	4503	0	0.00	0	60.1	60.1	60.1
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

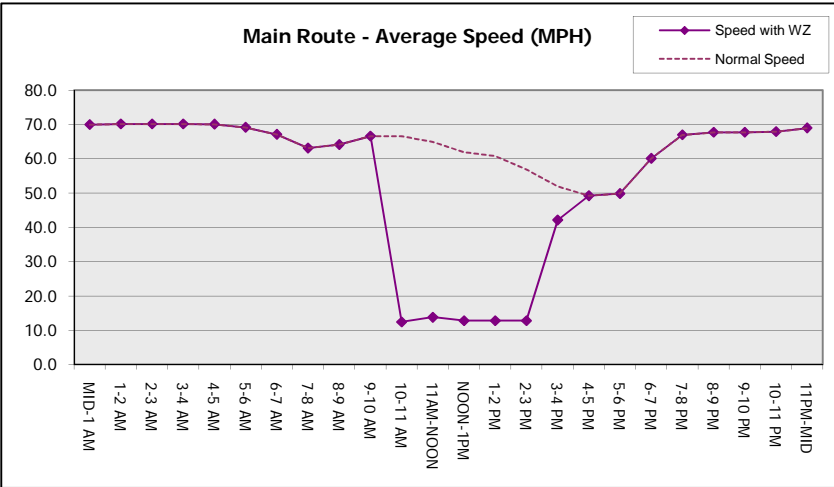
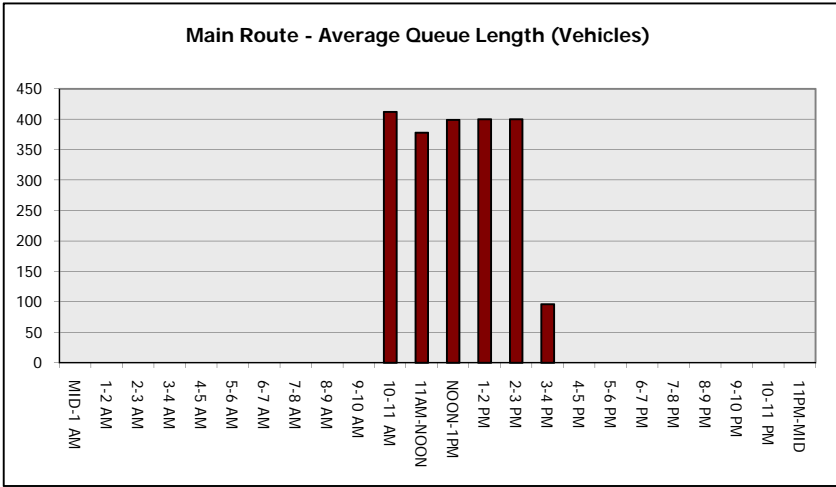
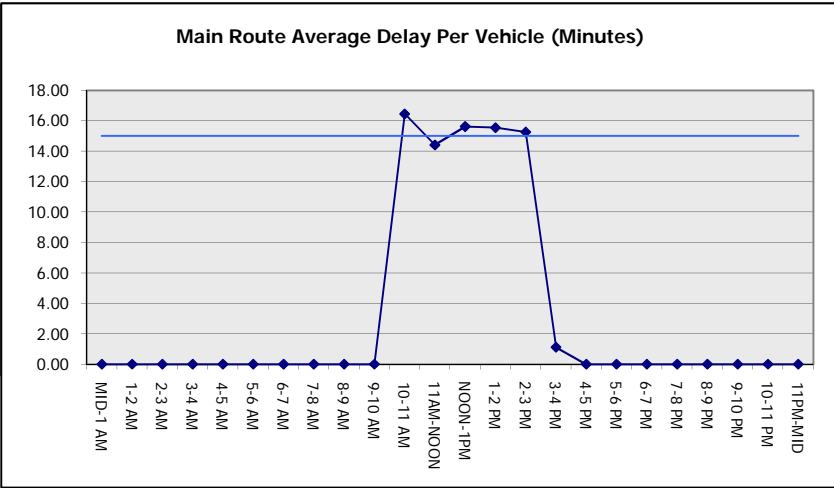
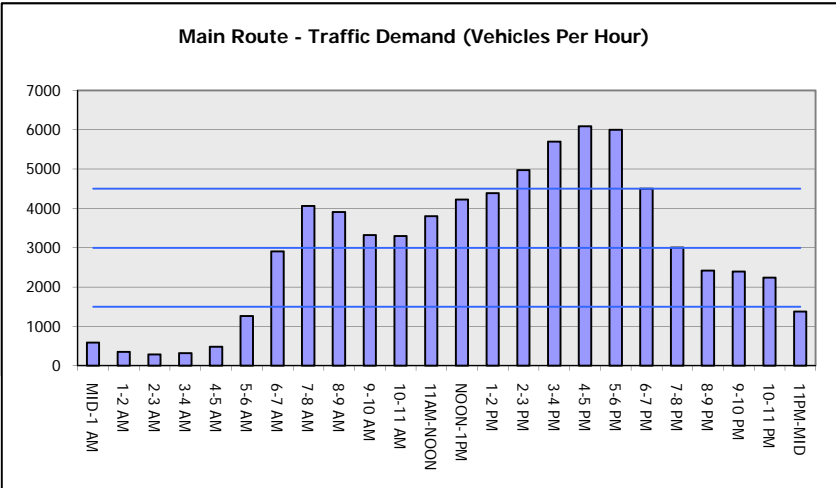
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0480
MAIN ROUTE WITH WORKS	0.0389
'DIVERSION'	0.0200
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$71,194
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: STH 16 TO USH 18 (WAUKESHA COUNTY) OFF-PEAK DAY 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	1499	1550	1732	16.45+	412	66.6	12.4	36.6
11AM-NOON	3598	0.0	1499	1666	1931	14.44+	378	66.3	13.8	35.8
NOON-1PM	3569	0.0	1499	1567	2002	15.88+	395	66.3	12.8	33.6
1-2 PM	3541	0.0	1500	1500	2041	16.04+	400	66.3	12.7	34.3
2-3 PM	4039	0.0	1500	1500	2539	15.86+	400	63.3	12.7	34.3
3-4 PM	4689	0.0	OFF	4689	0	0.45	30	58.8	53.2	53.2
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	0.0
(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	0
(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	0.0376
'DIVERSION'	0.0159

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$62,468
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

