

<b>IH 94: CTH O TO STH 100 (WAUKESHA COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  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	1038	0.0	3000	1038	0	0.35	0	69.4	61.4	49.7
1-2 AM	572	0.0	3000	572	0	0.36	0	70.0	61.7	49.7
2-3 AM	588	0.0	3000	588	0	0.36	0	70.0	61.7	49.7
3-4 AM	421	0.0	3000	421	0	0.36	0	70.2	61.8	49.7
4-5 AM	477	0.0	3000	477	0	0.36	0	70.1	61.8	49.7
5-6 AM	853	0.0	3000	853	0	0.35	0	69.7	61.5	49.7
6-7 AM	1689	0.0	3000	1689	0	0.34	0	68.6	61.0	49.7
7-8 AM	2673	0.0	2999	2673	0	0.51	0	67.4	56.9	43.4
8-9 AM	3331	0.0	2999	3331	0	3.40	167	66.6	30.1	37.3
9-10 AM	2615	0.0	2999	2615	0	2.77	155	67.5	33.7	40.4
10-11 AM	2907	0.0	2999	2907	0	0.87	15	67.1	51.1	40.0
11AM-NOON	4375	0.0	3000	3708	667	10.20+	609	61.0	15.3	37.3
NOON-1PM	4418	0.0	3000	3089	1329	16.05+	864	60.7	11.6	37.3
1-2 PM	3366	0.0	3000	2989	377	16.09+	848	66.6	11.7	37.3
2-3 PM	1980	0.0	2999	1980	0	4.34	369	68.2	27.0	45.4
3-4 PM	2817	0.0	2999	2817	0	0.78	14	67.3	52.4	41.9
4-5 PM	4391	0.0	3000	3714	678	10.52+	623	60.9	15.0	37.3
5-6 PM	3709	0.0	3000	3044	665	16.14+	853	65.5	11.7	37.3
6-7 PM	2977	0.0	3000	2866	111	15.22+	800	67.0	12.0	37.3
7-8 PM	1679	0.0	2999	1679	0	2.09	205	68.6	38.9	48.7
8-9 PM	1410	0.0	3000	1410	0	0.34	0	69.0	61.2	49.7
9-10 PM	3114	0.0	2999	3114	0	1.20	29	66.9	46.8	37.3
10-11 PM	2285	0.0	3000	2285	0	0.54	12	67.9	56.7	48.0
11PM-MID	1560	0.0	3000	1560	0	0.34	0	68.8	61.0	49.7

+ 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	0.0273
MAIN ROUTE WITH WORKS	0.0220
'DIVERSION'	0.0044
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$105,252
CONGESTED HOURS PER DAY*	6

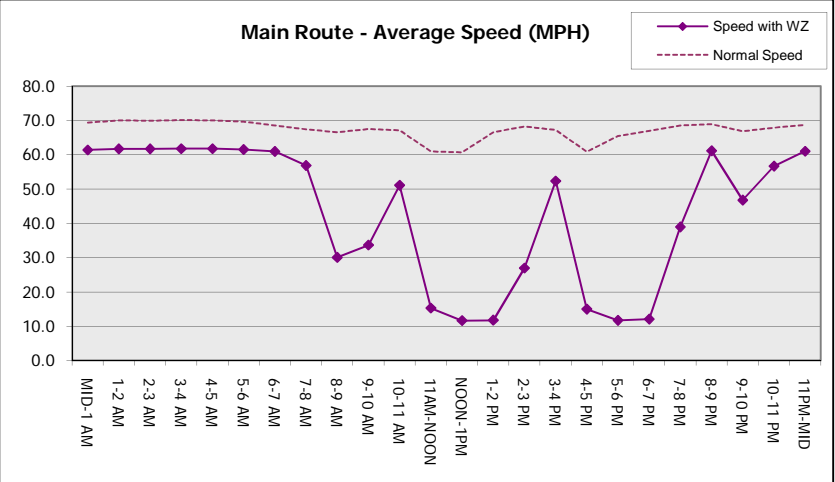
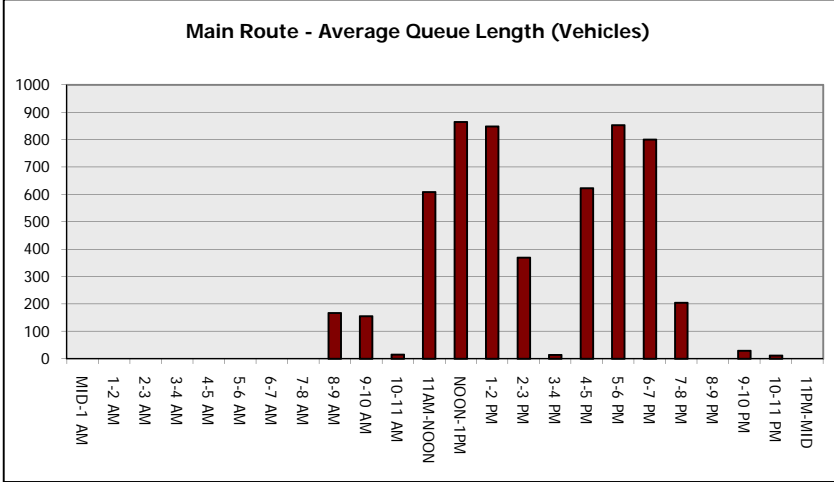
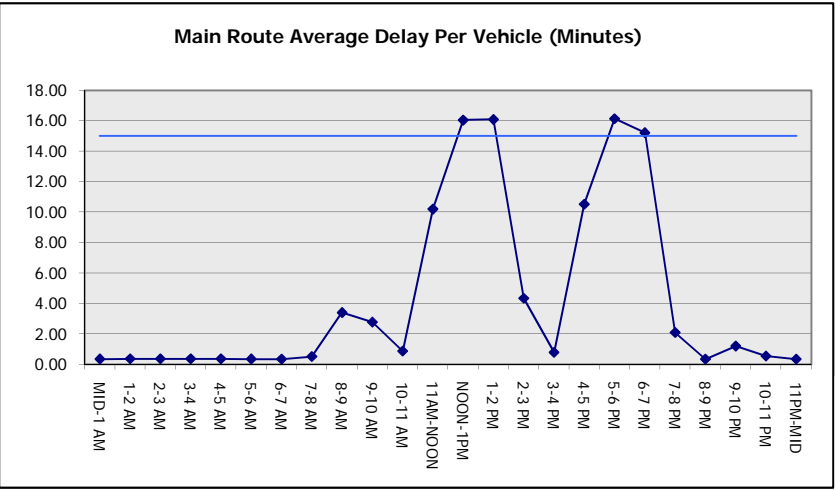
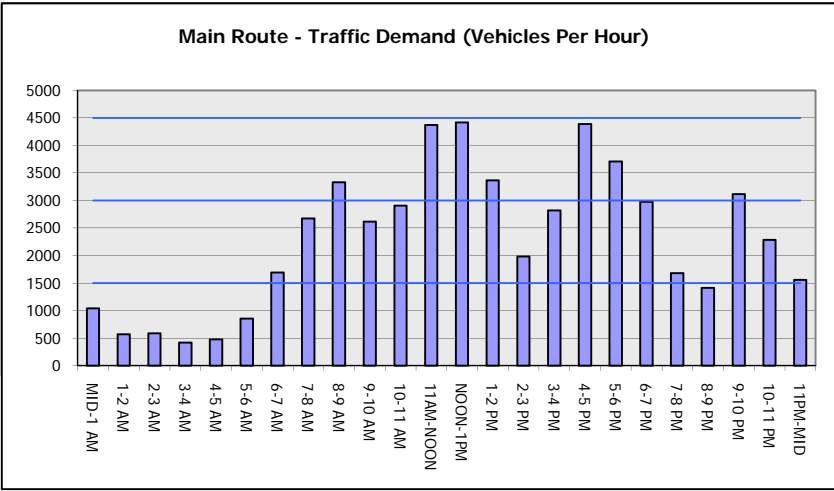
\*Delays Exceeding User-Specified Maximum

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**MAY**  
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Construction Season

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

**SATURDAY WESTBOUND DIRECTION**



<b>IH 94: CTH O TO STH 100 (WAUKESHA COUNTY)                  CONTINUOUS (24 HOUR) 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	1052	0.0	3000	1052	0	0.35	0	69.4	61.4	49.7
1-2 AM	421	0.0	3000	421	0	0.36	0	70.2	61.8	49.7
2-3 AM	378	0.0	3000	378	0	0.36	0	70.2	61.8	49.7
3-4 AM	308	0.0	3000	308	0	0.36	0	70.2	61.8	49.7
4-5 AM	345	0.0	3000	345	0	0.36	0	70.2	61.8	49.7
5-6 AM	725	0.0	3000	725	0	0.35	0	69.9	61.6	49.7
6-7 AM	1322	0.0	3000	1322	0	0.35	0	69.1	61.2	49.7
7-8 AM	1990	0.0	3000	1990	0	0.33	0	68.2	60.8	49.7
8-9 AM	2579	0.0	3000	2579	0	0.45	0	67.5	58.0	45.0
9-10 AM	2146	0.0	3000	2146	0	0.33	0	68.1	60.7	49.7
10-11 AM	2567	0.0	2999	2567	0	0.46	0	67.6	57.9	45.1
11AM-NOON	4002	0.0	2999	4002	0	7.11+	452	63.5	19.4	37.3
NOON-1PM	4141	0.0	2999	2885	1257	16.24+	868	62.5	11.6	37.3
1-2 PM	3252	0.0	2999	2930	322	16.00+	842	66.7	11.7	37.3
2-3 PM	2196	0.0	2999	2196	0	6.58	418	68.0	20.5	42.5
3-4 PM	3138	0.0	3000	3138	0	1.45	59	66.8	44.0	38.9
4-5 PM	4877	0.0	3000	3712	1166	13.56+	765	57.5	12.7	37.6
5-6 PM	4401	0.0	2999	2915	1486	16.14+	868	60.8	11.6	37.3
6-7 PM	3357	0.0	3000	2984	373	16.09+	847	66.6	11.7	37.3
7-8 PM	2008	0.0	2999	2008	0	5.16+	416	68.2	24.3	43.9
8-9 PM	1536	0.0	3000	1536	0	0.34	0	68.8	61.1	49.7
9-10 PM	2782	0.0	3000	2782	0	0.59	0	67.3	55.5	40.9
10-11 PM	2183	0.0	3000	2183	0	0.33	0	68.0	60.7	49.7
11PM-MID	1598	0.0	3000	1598	0	0.34	0	68.7	61.0	49.7

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0263
MAIN ROUTE WITH WORKS	0.0208
'DIVERSION'	0.0053

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$108,486
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding User-Specified Maximum

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

