

<b>IH 94: STH 16 TO USH 18 (WAUKESHA COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>OCTOBER</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	762	0.0	3000	762	0	0.35	0	69.8	63.5	49.7
1-2 AM	460	0.0	3000	460	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	307	0.0	3000	307	0	0.36	0	70.2	63.8	49.7
4-5 AM	377	0.0	3000	377	0	0.36	0	70.2	63.8	49.7
5-6 AM	645	0.0	3000	645	0	0.36	0	69.9	63.7	49.7
6-7 AM	1240	0.0	3000	1240	0	0.35	0	69.2	63.2	49.7
7-8 AM	2498	0.0	2999	2498	0	0.45	0	67.6	60.3	45.3
8-9 AM	3444	0.0	2999	3444	0	3.90	204	66.4	32.7	37.3
9-10 AM	3059	0.0	2999	3059	0	9.43	480	66.9	19.1	37.3
10-11 AM	3248	0.0	3000	3248	0	11.76	614	66.7	16.2	37.3
11AM-NOON	3483	0.0	2999	3004	480	15.31+	805	66.4	13.4	37.3
NOON-1PM	3725	0.0	3000	3002	723	15.26+	805	65.4	13.4	37.3
1-2 PM	3657	0.0	3000	3002	656	15.28+	805	65.9	13.4	37.3
2-3 PM	3662	0.0	3000	3002	660	15.28+	805	65.8	13.4	37.3
3-4 PM	3787	0.0	3000	3003	785	15.23+	805	65.0	13.4	37.3
4-5 PM	3679	0.0	3000	3002	677	15.27+	805	65.7	13.4	37.3
5-6 PM	3321	0.0	3000	3026	295	15.26+	802	66.6	13.4	37.3
6-7 PM	2814	0.0	3000	2814	0	13.92+	729	67.3	14.3	37.3
7-8 PM	2321	0.0	2999	2321	0	4.46	295	67.9	30.8	43.0
8-9 PM	1968	0.0	3000	1968	0	0.34	0	68.3	62.6	49.7
9-10 PM	1886	0.0	3000	1886	0	0.34	0	68.4	62.7	49.7
10-11 PM	1694	0.0	3000	1694	0	0.34	0	68.6	62.8	49.7
11PM-MID	1190	0.0	3000	1190	0	0.35	0	69.2	63.2	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	0.0358
MAIN ROUTE WITH WORKS	0.0297
'DIVERSION'	0.0066
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$145,943
CONGESTED HOURS PER DAY*	8

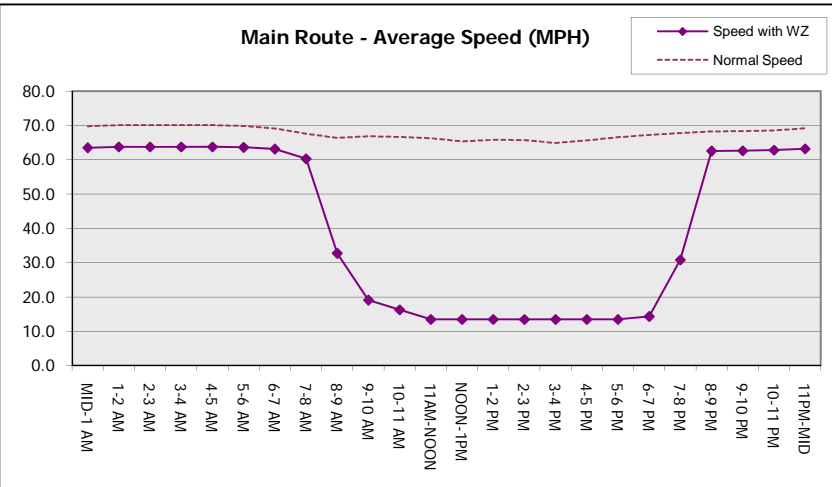
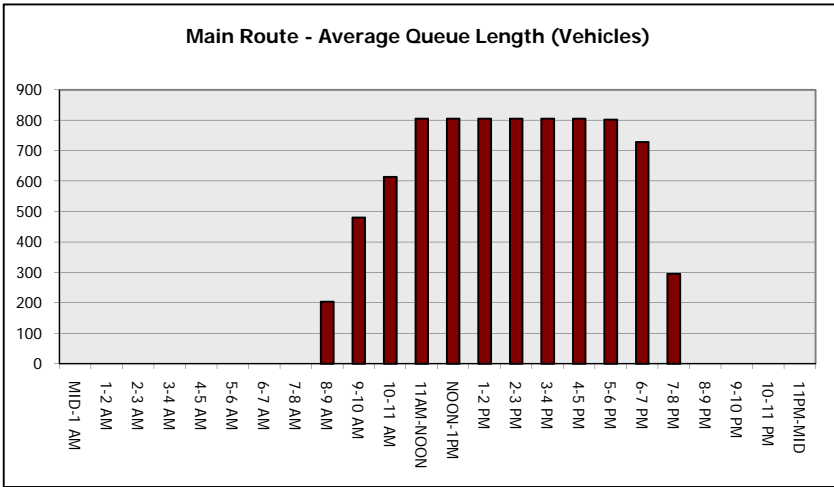
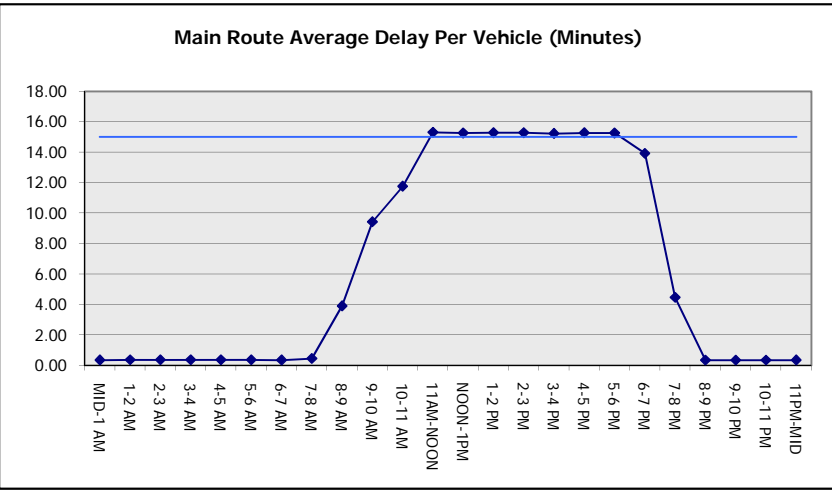
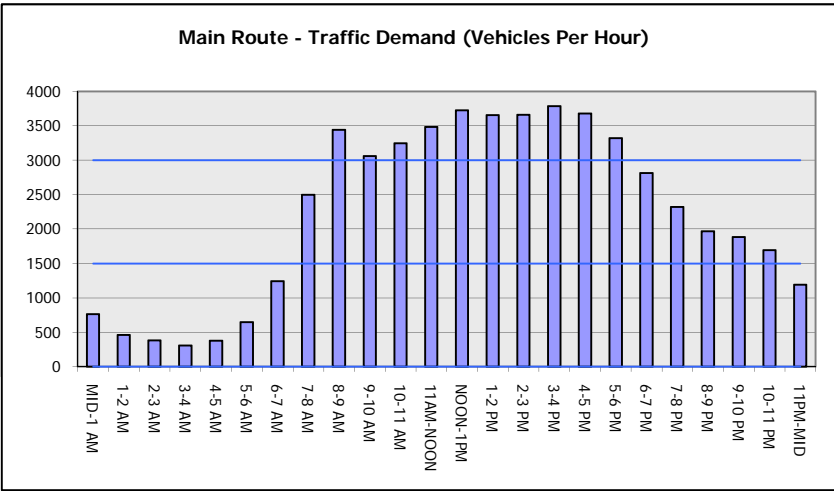
\*Delays Exceeding User-Specified Maximum

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

**SATURDAY WESTBOUND DIRECTION**



<b>IH 94: STH 16 TO USH 18 (WAUKESHA COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>OCTOBER</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	581	0.0	3000	581	0	0.36	0	70.0	63.7	49.7
1-2 AM	327	0.0	3000	327	0	0.36	0	70.2	63.8	49.7
2-3 AM	286	0.0	3000	286	0	0.36	0	70.2	63.8	49.7
3-4 AM	251	0.0	3000	251	0	0.36	0	70.2	63.8	49.7
4-5 AM	366	0.0	3000	366	0	0.36	0	70.2	63.8	49.7
5-6 AM	715	0.0	3000	715	0	0.36	0	69.9	63.6	49.7
6-7 AM	1082	0.0	3000	1082	0	0.35	0	69.4	63.3	49.7
7-8 AM	1651	0.0	3000	1651	0	0.34	0	68.7	62.8	49.7
8-9 AM	2444	0.0	2999	2444	0	0.40	0	67.7	61.2	47.1
9-10 AM	2923	0.0	2999	2923	0	0.75	4	67.1	56.0	38.8
10-11 AM	3375	0.0	3000	3375	0	3.66	184	66.5	33.8	37.3
11AM-NOON	3671	0.0	3000	3337	333	12.60+	678	65.8	15.4	37.3
NOON-1PM	3647	0.0	3000	3005	642	15.29+	805	66.0	13.4	37.3
1-2 PM	3472	0.0	3000	3018	454	15.28+	803	66.4	13.4	37.3
2-3 PM	3525	0.0	3000	3002	523	15.31+	805	66.4	13.4	37.3
3-4 PM	3859	0.0	3000	3005	854	15.21+	806	64.5	13.4	37.3
4-5 PM	4016	0.0	3000	3007	1008	15.15+	806	63.4	13.4	37.3
5-6 PM	3878	0.0	3000	3003	875	15.20+	805	64.3	13.4	37.3
6-7 PM	3504	0.0	3000	3001	503	15.31+	805	66.4	13.4	37.3
7-8 PM	2640	0.0	3000	2640	0	12.08+	636	67.4	16.0	37.3
8-9 PM	2115	0.0	2999	2115	0	1.62	108	68.1	47.3	47.7
9-10 PM	1863	0.0	3000	1863	0	0.34	0	68.4	62.7	49.7
10-11 PM	1557	0.0	3000	1557	0	0.34	0	68.8	62.9	49.7
11PM-MID	1184	0.0	3000	1184	0	0.35	0	69.2	63.2	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	0.0354
MAIN ROUTE WITH WORKS	0.0288
'DIVERSION'	0.0080

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$138,664
CONGESTED HOURS PER DAY*	9

\*Delays Exceeding User-Specified Maximum

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**SATURDAY EASTBOUND DIRECTION**

