

IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	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	924	0.0	3000	924	0	0.35	0	69.6	62.1	49.7
1-2 AM	509	0.0	3000	509	0	0.36	0	70.1	62.4	49.7
2-3 AM	524	0.0	3000	524	0	0.36	0	70.1	62.4	49.7
3-4 AM	375	0.0	3000	375	0	0.36	0	70.2	62.5	49.7
4-5 AM	424	0.0	3000	424	0	0.36	0	70.2	62.5	49.7
5-6 AM	760	0.0	3000	760	0	0.35	0	69.8	62.2	49.7
6-7 AM	1504	0.0	3000	1504	0	0.34	0	68.9	61.7	49.7
7-8 AM	2380	0.0	3000	2380	0	0.33	0	67.8	61.1	49.7
8-9 AM	2966	0.0	3000	2966	0	0.71	0	67.1	54.4	37.8
9-10 AM	2327	0.0	3000	2327	0	0.33	0	67.8	61.2	49.7
10-11 AM	2588	0.0	2999	2588	0	0.45	0	67.5	58.7	45.2
11AM-NOON	3894	0.0	2999	3894	0	6.47	404	64.3	21.5	37.3
NOON-1PM	3934	0.0	2999	2972	961	15.84+	842	64.0	12.1	37.3
1-2 PM	2996	0.0	2999	2859	137	15.51+	815	67.0	12.3	37.3
2-3 PM	1762	0.0	2999	1762	0	2.29	222	68.6	38.8	48.7
3-4 PM	2508	0.0	2999	2508	0	0.45	0	67.6	58.8	45.3
4-5 PM	3909	0.0	2999	3909	0	6.95	429	64.1	20.6	37.3
5-6 PM	3301	0.0	2999	2935	366	15.80+	831	66.6	12.2	37.3
6-7 PM	2650	0.0	2999	2650	0	13.79+	726	67.4	13.0	37.3
7-8 PM	1494	0.0	3000	1494	0	1.17	91	68.9	49.3	49.7
8-9 PM	1255	0.0	3000	1255	0	0.35	0	69.2	61.9	49.7
9-10 PM	2772	0.0	3000	2772	0	0.58	0	67.3	56.5	41.0
10-11 PM	2034	0.0	3000	2034	0	0.33	0	68.2	61.4	49.7
11PM-MID	1388	0.0	3000	1388	0	0.34	0	69.0	61.8	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

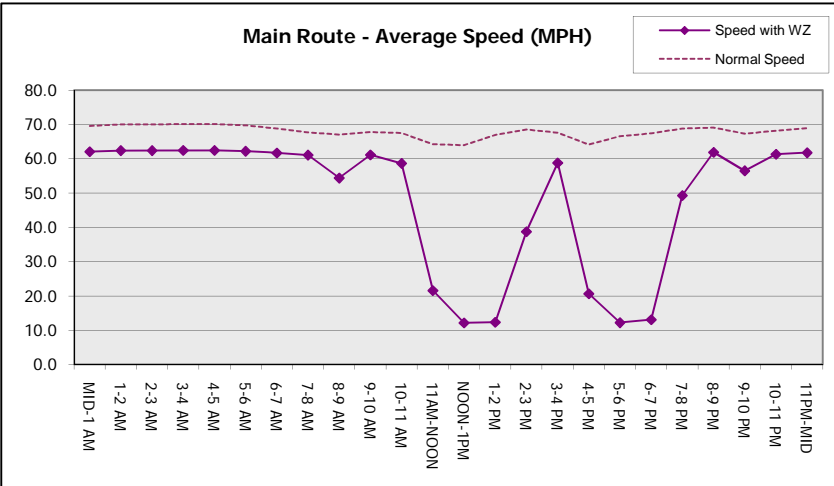
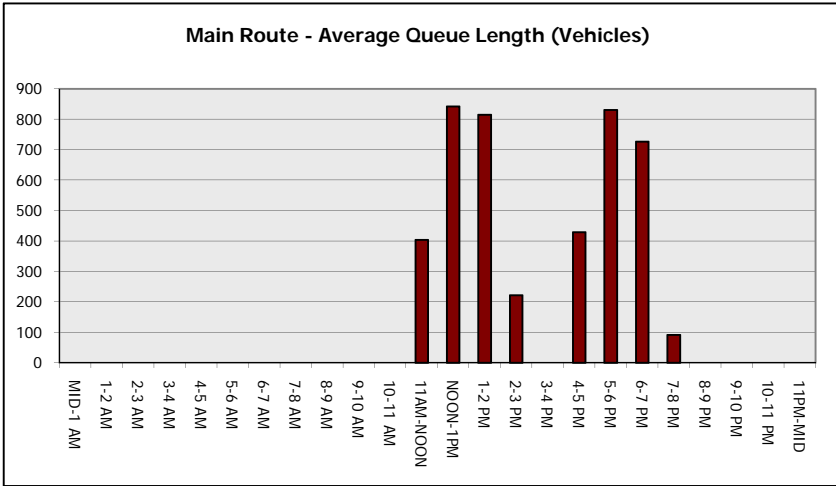
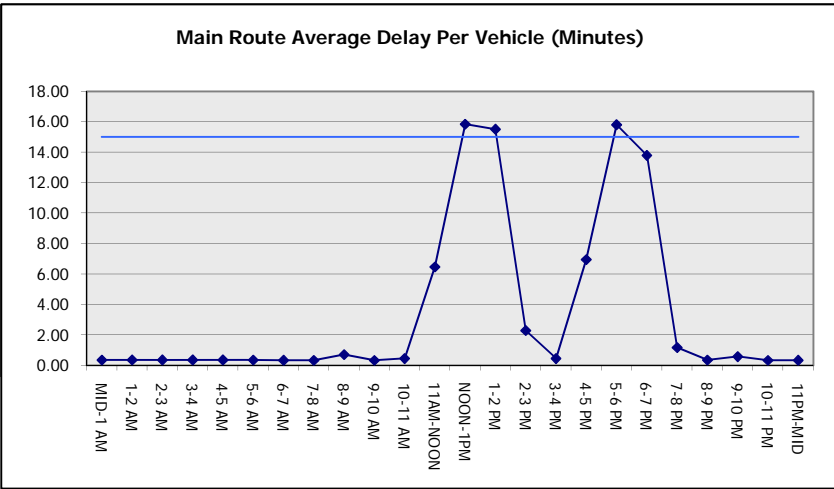
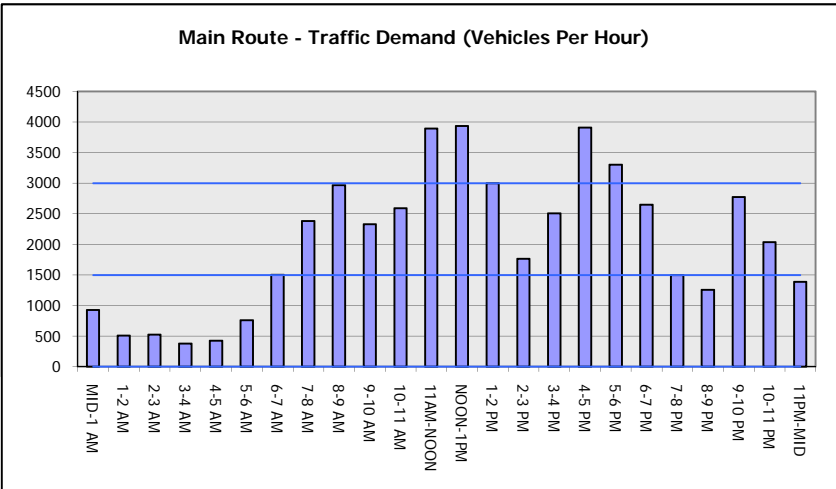
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0266
MAIN ROUTE WITH WORKS	0.0227
'DIVERSION'	0.0018
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$77,093
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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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	936	0.0	3000	936	0	0.35	0	69.6	62.1	49.7
1-2 AM	374	0.0	3000	374	0	0.36	0	70.2	62.5	49.7
2-3 AM	336	0.0	3000	336	0	0.36	0	70.2	62.5	49.7
3-4 AM	274	0.0	3000	274	0	0.36	0	70.2	62.5	49.7
4-5 AM	307	0.0	3000	307	0	0.36	0	70.2	62.5	49.7
5-6 AM	645	0.0	3000	645	0	0.36	0	69.9	62.3	49.7
6-7 AM	1177	0.0	3000	1177	0	0.35	0	69.2	62.0	49.7
7-8 AM	1771	0.0	3000	1771	0	0.34	0	68.6	61.5	49.7
8-9 AM	2295	0.0	3000	2295	0	0.33	0	67.9	61.2	49.7
9-10 AM	1910	0.0	3000	1910	0	0.34	0	68.4	61.4	49.7
10-11 AM	2285	0.0	2999	2285	0	0.36	0	67.9	60.5	48.4
11AM-NOON	3562	0.0	2999	3562	0	4.17	237	66.3	28.1	37.3
NOON-1PM	3686	0.0	3000	3294	392	14.96+	791	65.7	12.5	37.3
1-2 PM	2895	0.0	2999	2824	71	15.17+	796	67.1	12.4	37.3
2-3 PM	1955	0.0	2999	1955	0	2.45	223	68.3	37.5	48.1
3-4 PM	2793	0.0	2999	2793	0	0.73	11	67.3	54.2	42.1
4-5 PM	4341	0.0	3000	3718	624	9.86+	592	61.2	16.3	37.3
5-6 PM	3917	0.0	3000	3047	871	15.87+	843	64.1	12.1	37.3
6-7 PM	2988	0.0	3000	2864	124	15.04+	790	67.0	12.5	37.3
7-8 PM	1788	0.0	2999	1788	0	2.36	220	68.5	38.2	47.9
8-9 PM	1368	0.0	3000	1368	0	0.34	0	69.1	61.8	49.7
9-10 PM	2478	0.0	3000	2478	0	0.39	0	67.6	59.9	47.3
10-11 PM	1943	0.0	3000	1943	0	0.34	0	68.3	61.4	49.7
11PM-MID	1422	0.0	3000	1422	0	0.34	0	69.0	61.8	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	0.0257
MAIN ROUTE WITH WORKS	0.0215
'DIVERSION'	0.0026

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$81,484
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

