

IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) NIGHTTIME CLOSURE NO DIVERSION (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	OFF	2966	0	0.00	0	67.1	67.1	67.1
9-10 AM	2327	0.0	OFF	2327	0	0.00	0	67.8	67.8	67.8
10-11 AM	2588	0.0	OFF	2588	0	0.00	0	67.5	67.5	67.5
11AM-NOON	3894	0.0	OFF	3894	0	0.00	0	64.3	64.3	64.3
NOON-1PM	3934	0.0	OFF	3934	0	0.00	0	64.0	64.0	64.0
1-2 PM	2996	0.0	OFF	2996	0	0.00	0	67.0	67.0	67.0
2-3 PM	1762	0.0	OFF	1762	0	0.00	0	68.6	68.6	68.6
3-4 PM	2508	0.0	OFF	2508	0	0.00	0	67.6	67.6	67.6
4-5 PM	3909	0.0	OFF	3909	0	0.00	0	64.1	64.1	64.1
5-6 PM	3301	0.0	OFF	3301	0	0.00	0	66.6	66.6	66.6
6-7 PM	2650	0.0	3000	2650	0	0.50	0	67.4	57.9	43.5
7-8 PM	1494	0.0	3000	1494	0	0.34	0	68.9	61.7	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

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

----- 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

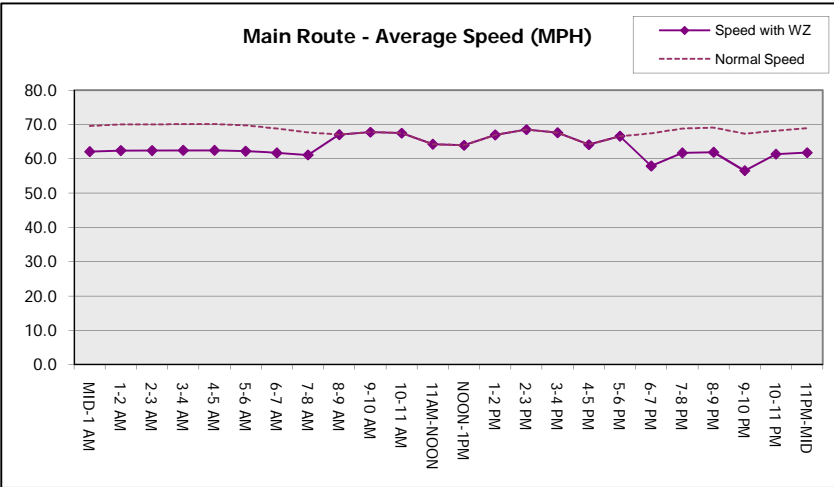
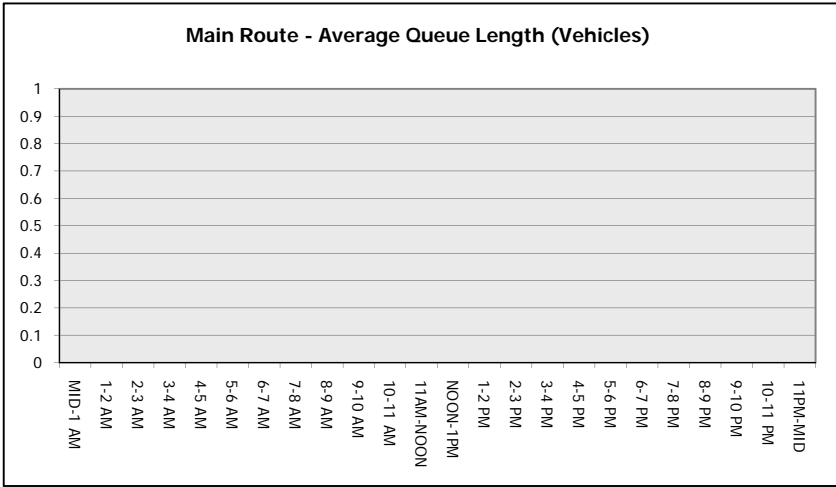
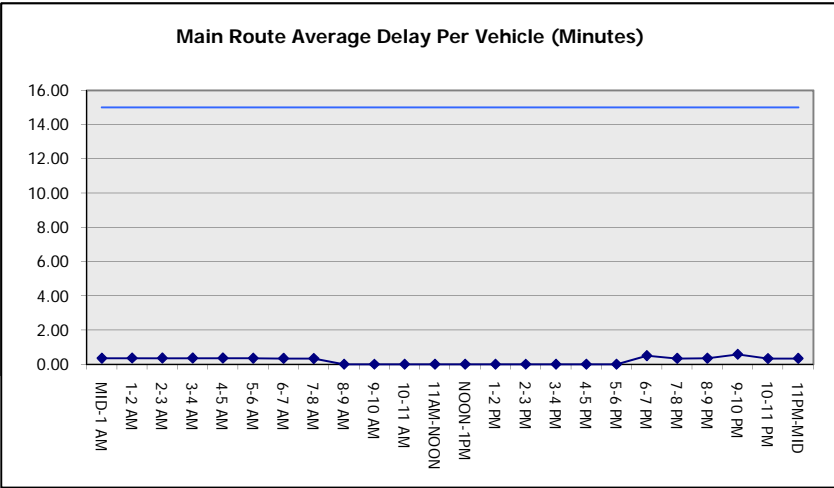
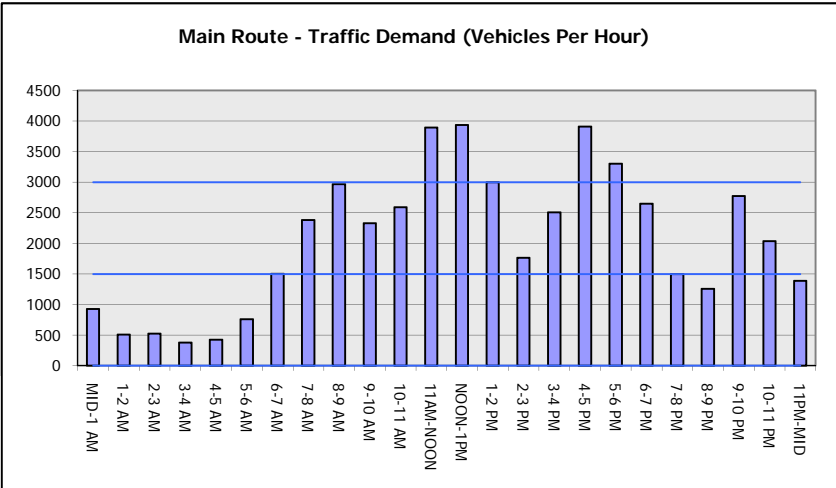
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0266
MAIN ROUTE WITH WORKS	0.0253
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,772
CONGESTED HOURS PER DAY*	0

*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) NIGHTTIME CLOSURE NO DIVERSION (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	OFF	2295	0	0.00	0	67.9	67.9	67.9
9-10 AM	1910	0.0	OFF	1910	0	0.00	0	68.4	68.4	68.4
10-11 AM	2285	0.0	OFF	2285	0	0.00	0	67.9	67.9	67.9
11AM-NOON	3562	0.0	OFF	3562	0	0.00	0	66.3	66.3	66.3
NOON-1PM	3686	0.0	OFF	3686	0	0.00	0	65.7	65.7	65.7
1-2 PM	2895	0.0	OFF	2895	0	0.00	0	67.1	67.1	67.1
2-3 PM	1955	0.0	OFF	1955	0	0.00	0	68.3	68.3	68.3
3-4 PM	2793	0.0	OFF	2793	0	0.00	0	67.3	67.3	67.3
4-5 PM	4341	0.0	OFF	4341	0	0.00	0	61.2	61.2	61.2
5-6 PM	3917	0.0	OFF	3917	0	0.00	0	64.1	64.1	64.1
6-7 PM	2988	0.0	2999	2988	0	1.74	60	67.0	42.6	38.7
7-8 PM	1788	0.0	3000	1788	0	0.34	0	68.5	61.5	49.7
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

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

----- 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	0.0245
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,441
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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SATURDAY EASTBOUND DIRECTION

