

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

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	695	0.0	3000	695	0	0.36	0	69.9	62.3	49.7
1-2 AM	412	0.0	3000	412	0	0.36	0	70.2	62.5	49.7
2-3 AM	375	0.0	3000	375	0	0.36	0	70.2	62.5	49.7
3-4 AM	384	0.0	3000	384	0	0.36	0	70.2	62.5	49.7
4-5 AM	714	0.0	3000	714	0	0.36	0	69.9	62.3	49.7
5-6 AM	1975	0.0	OFF	1975	0	0.00	0	68.2	68.2	68.2
6-7 AM	4168	0.0	OFF	4168	0	0.00	0	62.4	62.4	62.4
7-8 AM	5171	0.0	OFF	5171	0	0.00	0	55.5	55.5	55.5
8-9 AM	4798	0.0	OFF	4798	0	0.00	0	58.1	58.1	58.1
9-10 AM	3788	0.0	OFF	3788	0	0.00	0	65.0	65.0	65.0
10-11 AM	3570	0.0	OFF	3570	0	0.00	0	66.3	66.3	66.3
11AM-NOON	3633	0.0	OFF	3633	0	0.00	0	66.0	66.0	66.0
NOON-1PM	4504	0.0	OFF	4504	0	0.00	0	60.1	60.1	60.1
1-2 PM	3654	0.0	OFF	3654	0	0.00	0	65.9	65.9	65.9
2-3 PM	4143	0.0	OFF	4143	0	0.00	0	62.5	62.5	62.5
3-4 PM	4967	0.0	OFF	4967	0	0.00	0	56.9	56.9	56.9
4-5 PM	4975	0.0	OFF	4975	0	0.00	0	56.9	56.9	56.9
5-6 PM	4621	0.0	OFF	4621	0	0.00	0	59.3	59.3	59.3
6-7 PM	4248	0.0	OFF	4248	0	0.00	0	61.9	61.9	61.9
7-8 PM	2877	0.0	2999	2877	0	1.08	29	67.1	49.5	40.7
8-9 PM	1909	0.0	3000	1909	0	0.34	0	68.4	61.4	49.7
9-10 PM	1992	0.0	3000	1992	0	0.33	0	68.2	61.4	49.7
10-11 PM	1892	0.0	3000	1892	0	0.34	0	68.4	61.4	49.7
11PM-MID	1413	0.0	3000	1413	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	0.0383
MAIN ROUTE WITH WORKS	0.0375
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,361
CONGESTED HOURS PER DAY*	0

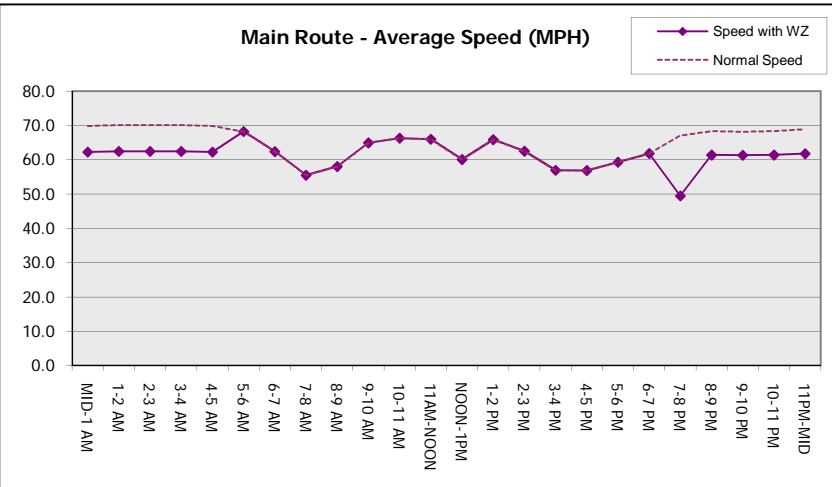
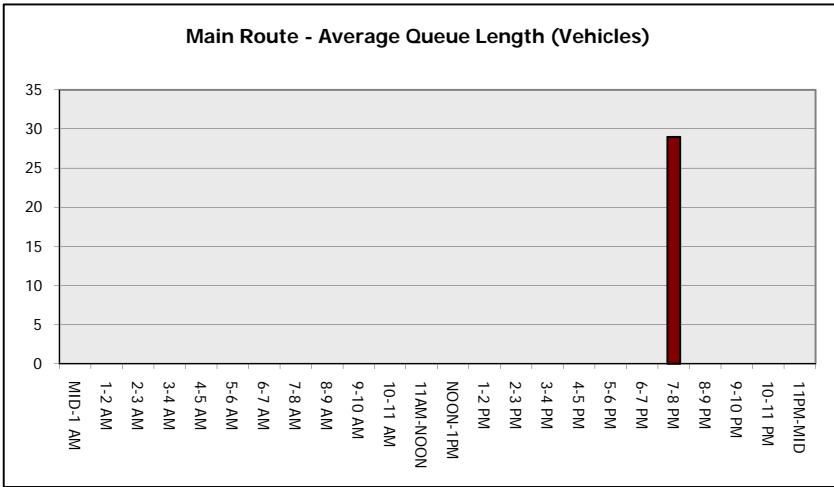
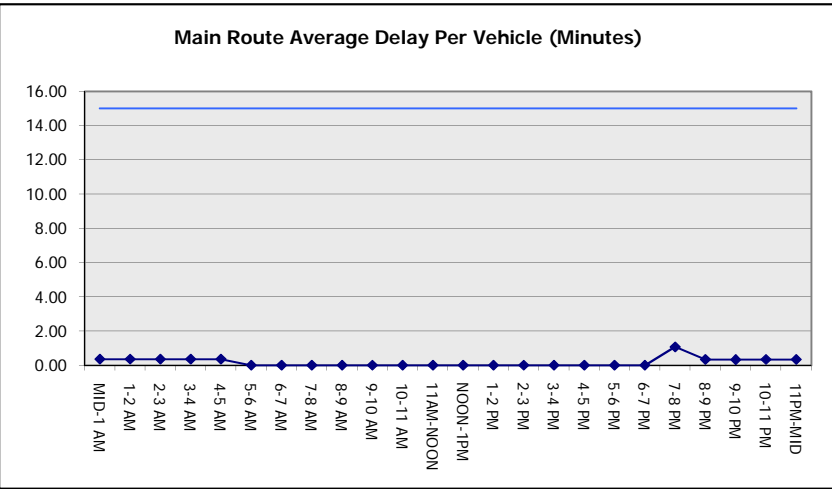
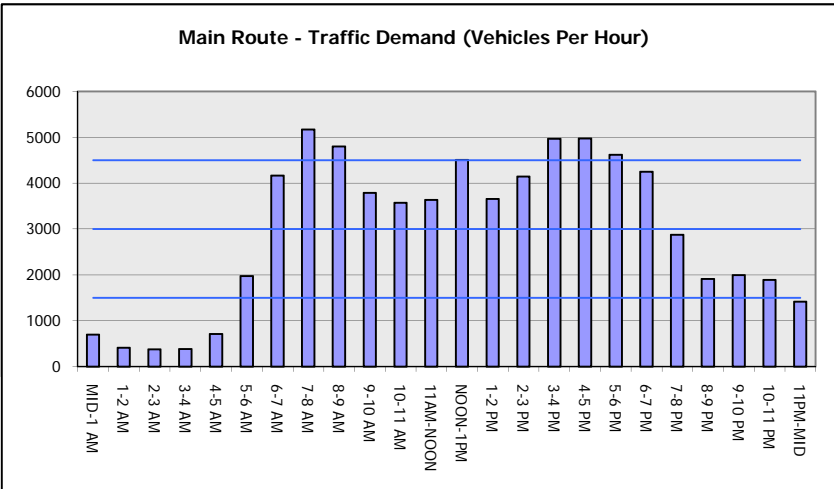
*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY 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

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	613	0.0	3000	613	0	0.36	0	70.0	62.3	49.7
1-2 AM	394	0.0	3000	394	0	0.36	0	70.2	62.5	49.7
2-3 AM	309	0.0	3000	309	0	0.36	0	70.2	62.5	49.7
3-4 AM	307	0.0	3000	307	0	0.36	0	70.2	62.5	49.7
4-5 AM	631	0.0	3000	631	0	0.36	0	69.9	62.3	49.7
5-6 AM	1895	0.0	OFF	1895	0	0.00	0	68.4	68.4	68.4
6-7 AM	4450	0.0	OFF	4450	0	0.00	0	60.5	60.5	60.5
7-8 AM	5286	0.0	OFF	5286	0	0.00	0	54.8	54.8	54.8
8-9 AM	4656	0.0	OFF	4656	0	0.00	0	59.1	59.1	59.1
9-10 AM	3786	0.0	OFF	3786	0	0.00	0	65.0	65.0	65.0
10-11 AM	3315	0.0	OFF	3315	0	0.00	0	66.6	66.6	66.6
11AM-NOON	3197	0.0	OFF	3197	0	0.00	0	66.8	66.8	66.8
NOON-1PM	3877	0.0	OFF	3877	0	0.00	0	64.4	64.4	64.4
1-2 PM	3201	0.0	OFF	3201	0	0.00	0	66.8	66.8	66.8
2-3 PM	3893	0.0	OFF	3893	0	0.00	0	64.3	64.3	64.3
3-4 PM	4658	0.0	OFF	4658	0	0.00	0	59.1	59.1	59.1
4-5 PM	4686	0.0	OFF	4686	0	0.00	0	58.8	58.8	58.8
5-6 PM	4348	0.0	OFF	4348	0	0.00	0	61.2	61.2	61.2
6-7 PM	3802	0.0	OFF	3802	0	0.00	0	64.9	64.9	64.9
7-8 PM	2881	0.0	2999	2881	0	0.89	16	67.1	51.9	40.1
8-9 PM	2039	0.0	3000	2039	0	0.33	0	68.2	61.4	49.7
9-10 PM	2128	0.0	3000	2128	0	0.33	0	68.1	61.3	49.7
10-11 PM	1664	0.0	3000	1664	0	0.34	0	68.7	61.6	49.7
11PM-MID	1462	0.0	3000	1462	0	0.34	0	68.9	61.7	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	0.0365
MAIN ROUTE WITH WORKS	0.0357
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$1,223
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

