

IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) NIGHTTIME CLOSURE NO DIVERSION (MAX QUEUE METHOD)	OCTOBER
	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	325	0.0	3000	325	0	0.36	0	70.2	62.5	49.7
1-2 AM	239	0.0	3000	239	0	0.36	0	70.2	62.5	49.7
2-3 AM	277	0.0	3000	277	0	0.36	0	70.2	62.5	49.7
3-4 AM	410	0.0	3000	410	0	0.36	0	70.2	62.5	49.7
4-5 AM	761	0.0	3000	761	0	0.35	0	69.8	62.2	49.7
5-6 AM	1991	0.0	OFF	1991	0	0.00	0	68.2	68.2	68.2
6-7 AM	4201	0.0	OFF	4201	0	0.00	0	62.2	62.2	62.2
7-8 AM	5309	0.0	OFF	5309	0	0.00	0	54.6	54.6	54.6
8-9 AM	4681	0.0	OFF	4681	0	0.00	0	58.9	58.9	58.9
9-10 AM	3795	0.0	OFF	3795	0	0.00	0	65.0	65.0	65.0
10-11 AM	3944	0.0	OFF	3944	0	0.00	0	63.9	63.9	63.9
11AM-NOON	4367	0.0	OFF	4367	0	0.00	0	61.0	61.0	61.0
NOON-1PM	4629	0.0	OFF	4629	0	0.00	0	59.2	59.2	59.2
1-2 PM	4888	0.0	OFF	4888	0	0.00	0	57.4	57.4	57.4
2-3 PM	5378	0.0	OFF	5378	0	0.00	0	54.1	54.1	54.1
3-4 PM	5678	0.0	OFF	5678	0	0.00	0	52.0	52.0	52.0
4-5 PM	5153	0.0	OFF	5153	0	0.00	0	55.6	55.6	55.6
5-6 PM	4917	0.0	OFF	4917	0	0.00	0	57.3	57.3	57.3
6-7 PM	4858	0.0	OFF	4858	0	0.00	0	57.7	57.7	57.7
7-8 PM	3260	0.0	2999	3260	0	4.38	211	66.7	27.4	37.3
8-9 PM	2244	0.0	3000	2244	0	1.00	52	67.9	51.0	47.8
9-10 PM	2340	0.0	3000	2340	0	0.33	0	67.8	61.1	49.7
10-11 PM	1994	0.0	3000	1994	0	0.33	0	68.2	61.4	49.7
11PM-MID	1450	0.0	3000	1450	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

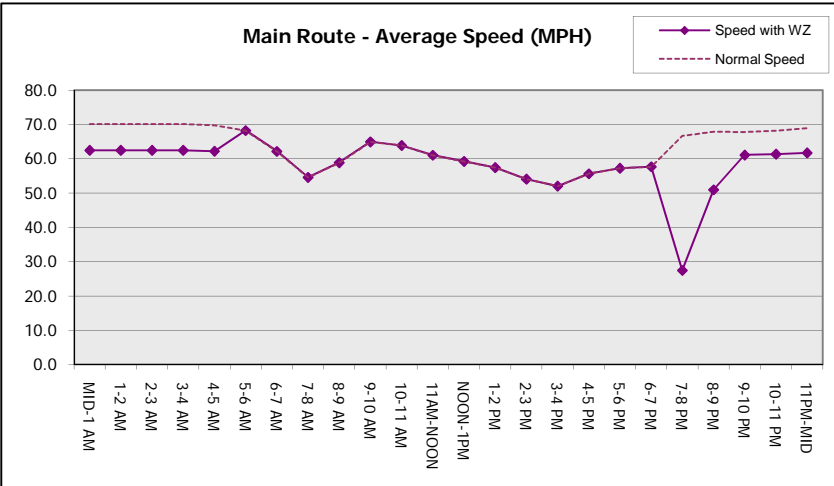
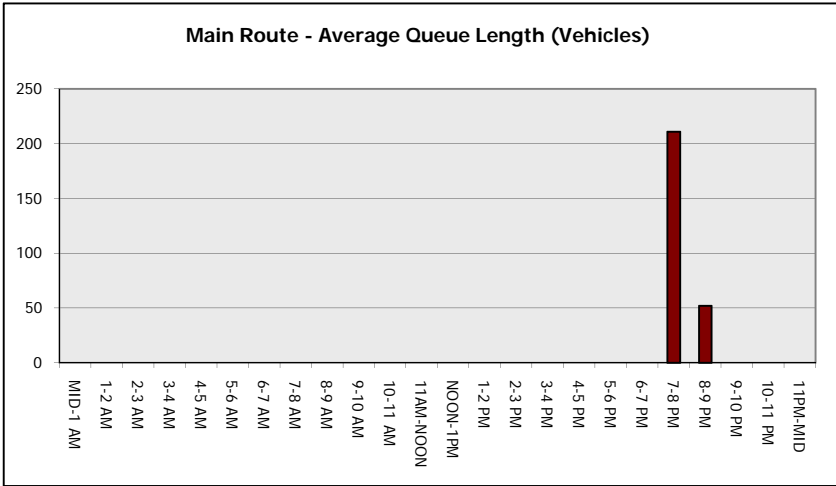
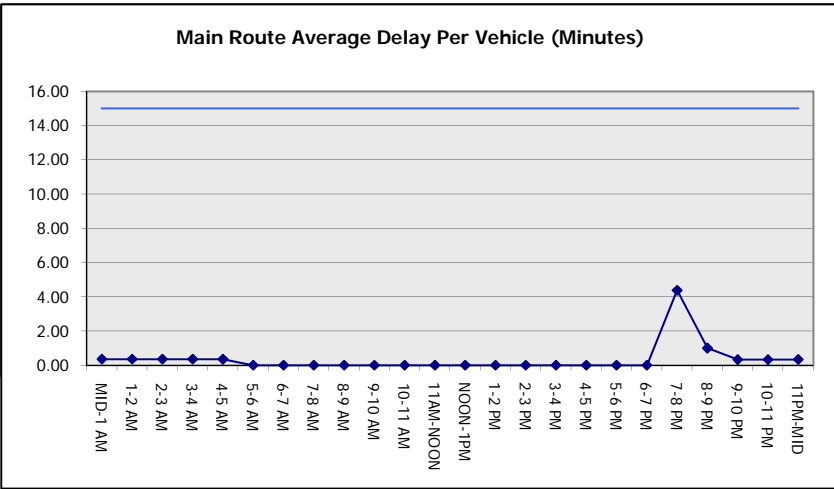
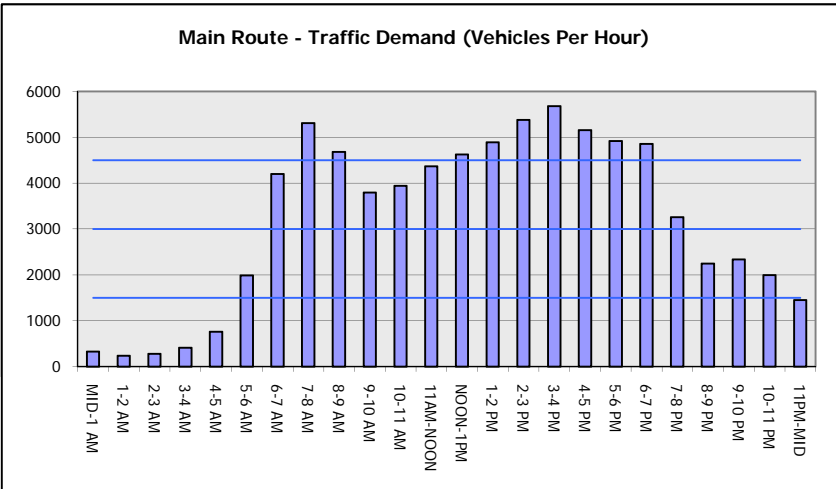
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0417
MAIN ROUTE WITH WORKS	0.0408
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,658
CONGESTED HOURS PER DAY*	0

*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)	OCTOBER
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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	287	0.0	3000	287	0	0.36	0	70.2	62.5	49.7
1-2 AM	205	0.0	3000	205	0	0.36	0	70.2	62.5	49.7
2-3 AM	242	0.0	3000	242	0	0.36	0	70.2	62.5	49.7
3-4 AM	369	0.0	3000	369	0	0.36	0	70.2	62.5	49.7
4-5 AM	653	0.0	3000	653	0	0.36	0	69.9	62.3	49.7
5-6 AM	2043	0.0	OFF	2043	0	0.00	0	68.2	68.2	68.2
6-7 AM	4894	0.0	OFF	4894	0	0.00	0	57.4	57.4	57.4
7-8 AM	5602	0.0	OFF	5602	0	0.00	0	52.6	52.6	52.6
8-9 AM	4732	0.0	OFF	4732	0	0.00	0	58.5	58.5	58.5
9-10 AM	4051	0.0	OFF	4051	0	0.00	0	63.2	63.2	63.2
10-11 AM	3747	0.0	OFF	3747	0	0.00	0	65.3	65.3	65.3
11AM-NOON	4076	0.0	OFF	4076	0	0.00	0	63.0	63.0	63.0
NOON-1PM	4304	0.0	OFF	4304	0	0.00	0	61.5	61.5	61.5
1-2 PM	4448	0.0	OFF	4448	0	0.00	0	60.5	60.5	60.5
2-3 PM	5135	0.0	OFF	5135	0	0.00	0	55.8	55.8	55.8
3-4 PM	5455	0.0	OFF	5455	0	0.00	0	53.6	53.6	53.6
4-5 PM	5237	0.0	OFF	5237	0	0.00	0	55.1	55.1	55.1
5-6 PM	5000	0.0	OFF	5000	0	0.00	0	56.7	56.7	56.7
6-7 PM	4361	0.0	OFF	4361	0	0.00	0	61.0	61.0	61.0
7-8 PM	3424	0.0	2999	3424	0	5.12	266	66.5	24.9	37.3
8-9 PM	2610	0.0	2999	2610	0	4.76	253	67.5	26.2	39.4
9-10 PM	2636	0.0	3000	2636	0	0.52	1	67.4	57.5	43.7
10-11 PM	2231	0.0	3000	2231	0	0.33	0	67.9	61.2	49.7
11PM-MID	1594	0.0	3000	1594	0	0.34	0	68.7	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	0.0418
MAIN ROUTE WITH WORKS	0.0409
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$8,078
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

