

IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) 2 LANE CLOSURE NO DIVERSION ROUTE (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	1500	695	0	1.58	56	69.9	45.3	42.5	
1-2 AM	412	0.0	1500	412	0	0.52	0	70.2	59.5	43.8	
2-3 AM	375	0.0	1500	375	0	0.52	0	70.2	59.6	44.0	
3-4 AM	384	0.0	1500	384	0	0.52	0	70.2	59.6	44.0	
4-5 AM	714	0.0	1500	714	0	0.56	0	69.9	58.7	42.7	
5-6 AM	1975	0.0	1499	1975	0	3.70	129	68.2	30.5	30.8	
6-7 AM	4168	0.0	1499	1500	2668	16.07+	399	62.4	10.6	30.8	
7-8 AM	5171	0.0	1500	1500	3671	15.66+	400	55.5	10.6	30.8	
8-9 AM	4798	0.0	1500	1500	3298	15.83+	400	58.1	10.6	30.8	
9-10 AM	3788	0.0	1499	1500	2288	16.20+	399	65.0	10.6	30.8	
10-11 AM	3570	0.0	1500	1500	2070	16.26+	400	66.3	10.6	30.8	
11AM-NOON	3633	0.0	1500	1500	2133	16.25+	400	66.0	10.6	30.8	
NOON-1PM	4504	0.0	1500	1500	3004	15.94+	400	60.1	10.6	30.8	
1-2 PM	3654	0.0	1500	1500	2154	16.24+	400	65.9	10.6	30.8	
2-3 PM	4143	0.0	1500	1500	2643	16.08+	400	62.5	10.6	30.8	
3-4 PM	4967	0.0	1499	1500	3467	15.75+	400	56.9	10.6	30.8	
4-5 PM	4975	0.0	1499	1500	3475	15.75+	400	56.9	10.6	30.8	
5-6 PM	4621	0.0	1499	1500	3121	15.90+	400	59.3	10.6	30.8	
6-7 PM	4248	0.0	1500	1500	2748	16.04+	400	61.9	10.6	30.8	
7-8 PM	2877	0.0	1499	1500	1377	16.30+	400	67.1	10.6	30.8	
8-9 PM	1909	0.0	1499	1444	465	16.15+	394	68.4	10.7	30.8	
9-10 PM	1992	0.0	1500	1500	492	16.35+	400	68.2	10.6	30.8	
10-11 PM	1892	0.0	1500	1500	392	16.36+	400	68.4	10.6	30.8	
11PM-MID	1413	0.0	1499	1356	57	14.92+	364	69.0	11.4	30.8	

+ 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

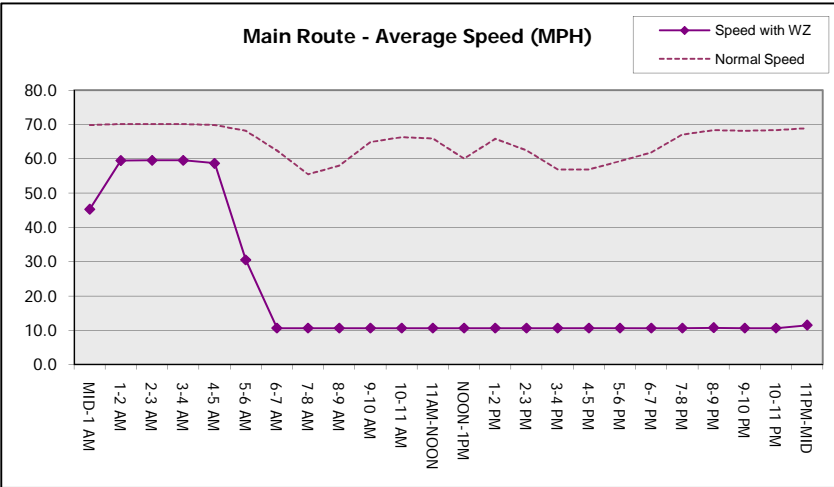
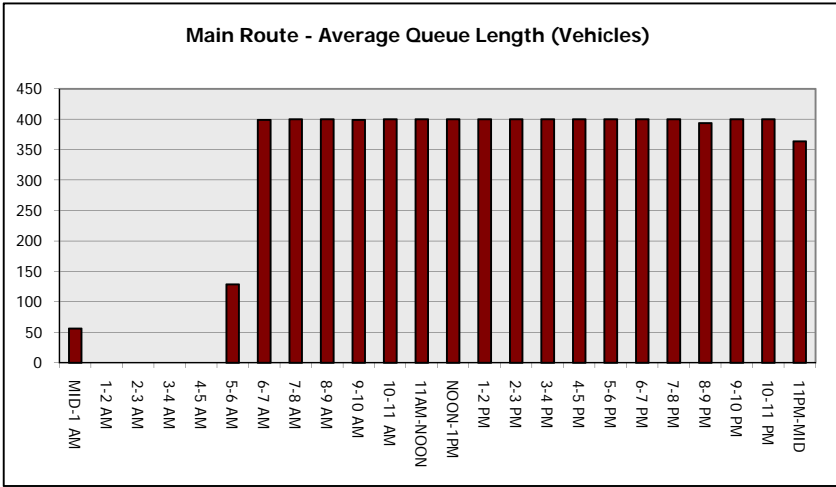
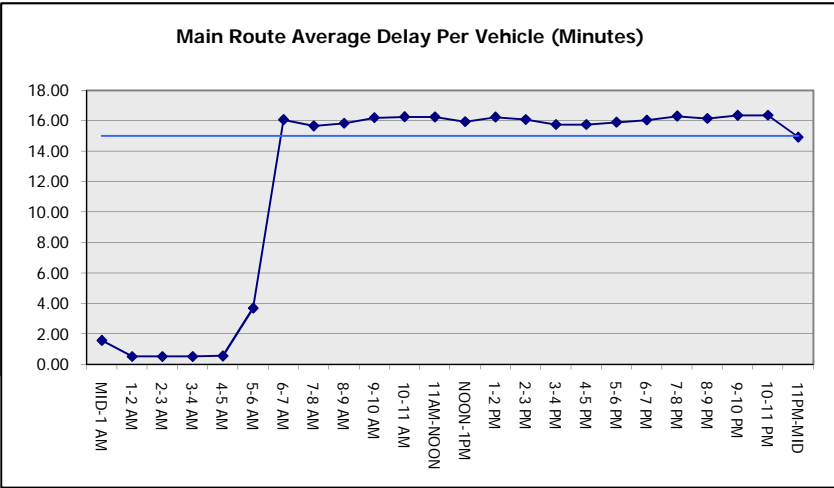
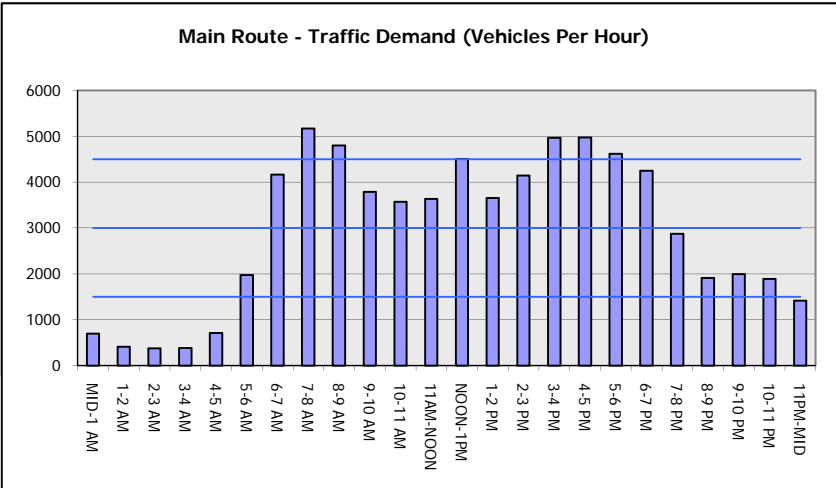
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0383
MAIN ROUTE WITH WORKS	0.0149
'DIVERSION'	0.0495
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$239,233
CONGESTED HOURS PER DAY*	18

*Delays Exceeding User-Specified Maximum

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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) 2 LANE CLOSURE NO DIVERSION ROUTE (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	1500	613	0	1.70	67	70.0	44.2	42.7	
1-2 AM	394	0.0	1500	394	0	0.52	0	70.2	59.5	43.9	
2-3 AM	309	0.0	1500	309	0	0.51	0	70.2	59.7	44.3	
3-4 AM	307	0.0	1500	307	0	0.51	0	70.2	59.7	44.3	
4-5 AM	631	0.0	1500	631	0	0.55	0	69.9	58.9	43.0	
5-6 AM	1895	0.0	1499	1895	0	3.01	109	68.4	34.0	31.7	
6-7 AM	4450	0.0	1499	1500	2950	15.96+	399	60.5	10.6	30.8	
7-8 AM	5286	0.0	1500	1500	3786	15.61+	400	54.8	10.6	30.8	
8-9 AM	4656	0.0	1500	1500	3156	15.88+	400	59.1	10.6	30.8	
9-10 AM	3786	0.0	1500	1500	2286	16.20+	400	65.0	10.6	30.8	
10-11 AM	3315	0.0	1500	1500	1815	16.28+	400	66.6	10.6	30.8	
11AM-NOON	3197	0.0	1500	1500	1697	16.28+	400	66.8	10.6	30.8	
NOON-1PM	3877	0.0	1500	1500	2377	16.17+	400	64.4	10.6	30.8	
1-2 PM	3201	0.0	1500	1500	1701	16.28+	400	66.8	10.6	30.8	
2-3 PM	3893	0.0	1500	1500	2393	16.16+	400	64.3	10.6	30.8	
3-4 PM	4658	0.0	1500	1500	3158	15.88+	400	59.1	10.6	30.8	
4-5 PM	4686	0.0	1500	1500	3186	15.87+	399	58.8	10.6	30.8	
5-6 PM	4348	0.0	1500	1500	2848	16.00+	399	61.2	10.6	30.8	
6-7 PM	3802	0.0	1500	1500	2302	16.19+	400	64.9	10.6	30.8	
7-8 PM	2881	0.0	1500	1500	1381	16.30+	400	67.1	10.6	30.8	
8-9 PM	2039	0.0	1500	1500	539	16.35+	400	68.2	10.6	30.8	
9-10 PM	2128	0.0	1500	1500	628	16.34+	399	68.1	10.6	30.8	
10-11 PM	1664	0.0	1499	1466	198	16.23+	396	68.7	10.6	30.8	
11PM-MID	1462	0.0	1499	1415	47	15.57+	380	68.9	11.0	30.8	

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

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

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

MAIN ROUTE WITHOUT WORKS	0.0365
MAIN ROUTE WITH WORKS	0.0147
'DIVERSION'	0.0457

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$229,036
CONGESTED HOURS PER DAY*	18

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

