

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

MON-THUR 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	465	0.0	1500	465	0	0.53	0	70.2	59.4	43.7	
1-2 AM	291	0.0	1500	291	0	0.51	0	70.2	59.7	44.3	
2-3 AM	286	0.0	1500	286	0	0.51	0	70.2	59.7	44.3	
3-4 AM	335	0.0	1500	335	0	0.51	0	70.2	59.6	44.2	
4-5 AM	613	0.0	1500	613	0	0.55	0	70.0	58.9	43.1	
5-6 AM	1743	0.0	1499	1743	0	2.61	84	68.6	36.5	33.0	
6-7 AM	4073	0.0	1499	1500	2573	16.10+	399	63.0	10.6	30.8	
7-8 AM	4888	0.0	1500	1500	3388	15.79+	400	57.4	10.6	30.8	
8-9 AM	4206	0.0	1500	1500	2706	16.06+	400	62.1	10.6	30.8	
9-10 AM	2830	0.0	1500	1500	1330	16.30+	400	67.2	10.6	30.8	
10-11 AM	2686	0.0	1500	1500	1186	16.31+	400	67.4	10.6	30.8	
11AM-NOON	2953	0.0	1500	1500	1453	16.30+	400	67.1	10.6	30.8	
NOON-1PM	3312	0.0	1500	1500	1812	16.28+	400	66.6	10.6	30.8	
1-2 PM	3625	0.0	1500	1500	2125	16.25+	400	66.1	10.6	30.8	
2-3 PM	3822	0.0	1500	1500	2322	16.19+	400	64.8	10.6	30.8	
3-4 PM	4045	0.0	1499	1500	2545	16.11+	400	63.2	10.6	30.8	
4-5 PM	4570	0.0	1500	1500	3070	15.92+	400	59.6	10.6	30.8	
5-6 PM	4184	0.0	1500	1500	2684	16.06+	400	62.3	10.6	30.8	
6-7 PM	3334	0.0	1500	1500	1834	16.28+	400	66.6	10.6	30.8	
7-8 PM	2332	0.0	1500	1500	832	16.33+	399	67.8	10.6	30.8	
8-9 PM	1677	0.0	1500	1566	111	16.07+	392	68.6	10.7	30.8	
9-10 PM	1660	0.0	1499	1500	160	16.37+	400	68.7	10.6	30.8	
10-11 PM	1318	0.0	1499	1318	0	13.79+	338	69.1	12.2	30.8	
11PM-MID	824	0.0	1500	824	0	1.44	43	69.7	46.6	41.9	

+ 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

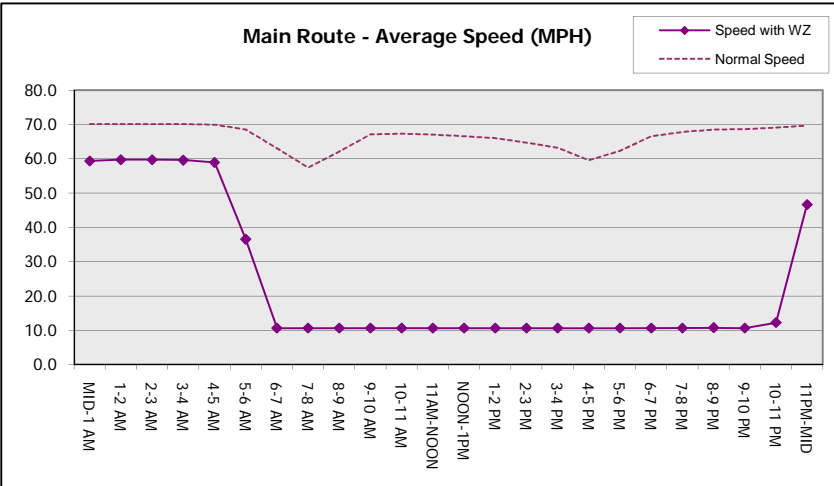
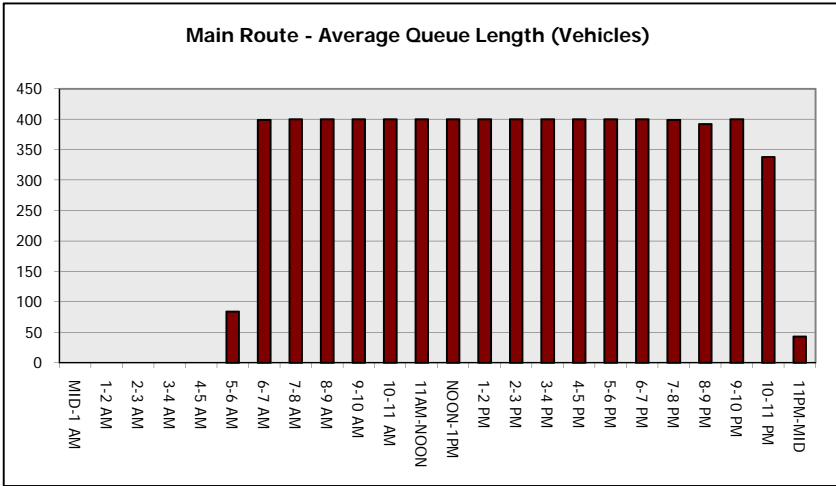
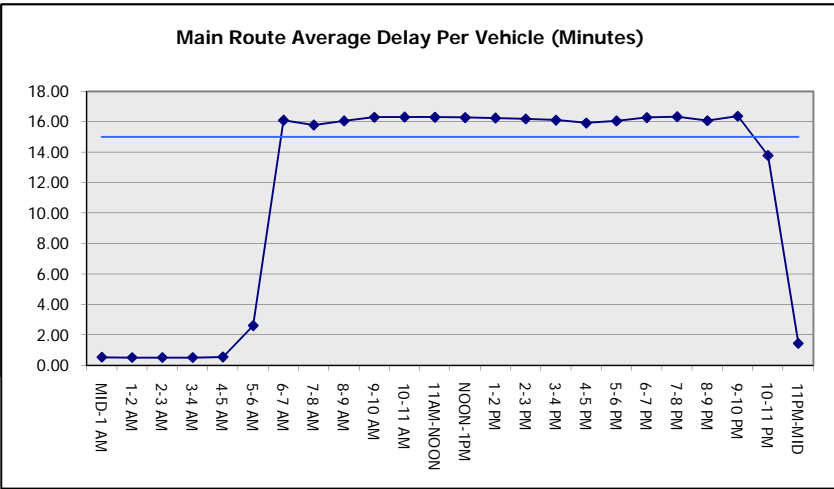
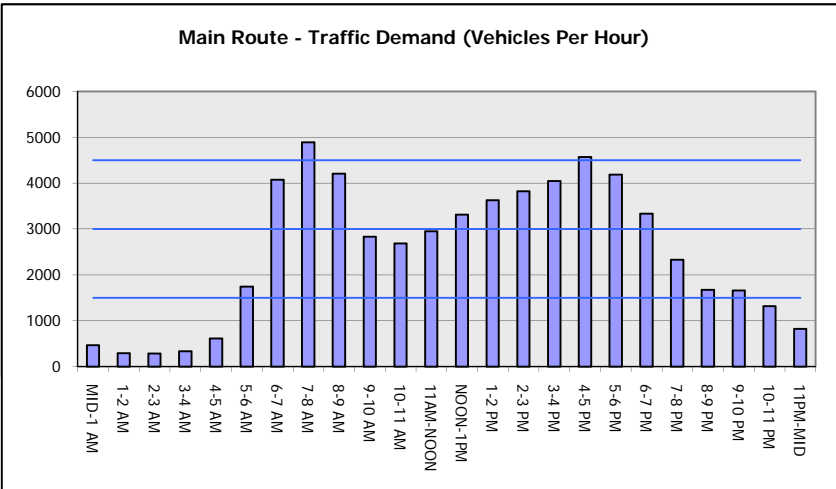
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0325
MAIN ROUTE WITH WORKS	0.0142
'DIVERSION'	0.0377
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$195,413
CONGESTED HOURS PER DAY*	17

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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

MON-THUR 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	443	0.0	1500	443	0	0.53	0	70.2	59.4	43.7
1-2 AM	253	0.0	1500	253	0	0.50	0	70.2	59.8	44.5
2-3 AM	234	0.0	1500	234	0	0.50	0	70.2	59.9	44.5
3-4 AM	271	0.0	1500	271	0	0.51	0	70.2	59.7	44.4
4-5 AM	546	0.0	1500	546	0	0.54	0	70.0	59.1	43.3
5-6 AM	1720	0.0	1499	1720	0	2.53	91	68.6	37.1	34.5
6-7 AM	4629	0.0	1499	1500	3129	15.90+	399	59.2	10.6	30.8
7-8 AM	5093	0.0	1499	1500	3593	15.70+	399	56.1	10.6	30.8
8-9 AM	4272	0.0	1500	1500	2772	16.03+	400	61.7	10.6	30.8
9-10 AM	3083	0.0	1500	1500	1583	16.29+	400	66.9	10.6	30.8
10-11 AM	2853	0.0	1500	1500	1353	16.30+	400	67.2	10.6	30.8
11AM-NOON	2965	0.0	1500	1500	1465	16.30+	400	67.1	10.6	30.8
NOON-1PM	3154	0.0	1500	1500	1654	16.29+	400	66.8	10.6	30.8
1-2 PM	3442	0.0	1500	1500	1942	16.27+	400	66.4	10.6	30.8
2-3 PM	3601	0.0	1500	1500	2101	16.26+	400	66.3	10.6	30.8
3-4 PM	3767	0.0	1500	1500	2267	16.21+	400	65.1	10.6	30.8
4-5 PM	4246	0.0	1500	1500	2746	16.04+	400	61.9	10.6	30.8
5-6 PM	3939	0.0	1500	1500	2439	16.15+	400	64.0	10.6	30.8
6-7 PM	3083	0.0	1500	1500	1583	16.29+	400	66.9	10.6	30.8
7-8 PM	2289	0.0	1500	1500	789	16.33+	400	67.9	10.6	30.8
8-9 PM	1875	0.0	1500	1500	375	16.36+	400	68.4	10.6	30.8
9-10 PM	1796	0.0	1500	1516	280	16.29+	398	68.5	10.6	30.8
10-11 PM	1285	0.0	1500	1285	0	12.22	302	69.1	13.4	31.2
11PM-MID	882	0.0	1500	882	0	1.17	26	69.6	49.7	41.9

+ 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	0.0323
MAIN ROUTE WITH WORKS	0.0141
'DIVERSION'	0.0377

PIA: Personal Injury Accidents

ROAD USER COSTS PER DAY	\$194,480
CONGESTED HOURS PER DAY*	16

*Delays Exceeding User-Specified Maximum

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MON-THUR EASTBOUND DIRECTION

