

IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	840	0.0	3000	840	0	0.35	0	69.7	62.2	49.7
1-2 AM	565	0.0	3000	565	0	0.36	0	70.0	62.3	49.7
2-3 AM	536	0.0	3000	536	0	0.36	0	70.0	62.4	49.7
3-4 AM	295	0.0	3000	295	0	0.36	0	70.2	62.5	49.7
4-5 AM	250	0.0	3000	250	0	0.36	0	70.2	62.5	49.7
5-6 AM	411	0.0	3000	411	0	0.36	0	70.2	62.5	49.7
6-7 AM	754	0.0	3000	754	0	0.35	0	69.8	62.2	49.7
7-8 AM	1193	0.0	3000	1193	0	0.35	0	69.2	61.9	49.7
8-9 AM	1583	0.0	3000	1583	0	0.34	0	68.7	61.7	49.7
9-10 AM	2398	0.0	3000	2398	0	0.34	0	67.8	61.0	49.4
10-11 AM	2698	0.0	3000	2698	0	0.53	0	67.4	57.3	42.5
11AM-NOON	2741	0.0	2999	2741	0	0.56	0	67.3	56.8	41.7
NOON-1PM	3191	0.0	2999	3191	0	1.88	72	66.8	41.4	37.3
1-2 PM	3491	0.0	3000	3491	0	8.11	435	66.4	18.3	37.3
2-3 PM	3232	0.0	2999	3130	102	14.99+	788	66.7	12.5	37.3
3-4 PM	3439	0.0	3000	3005	434	15.89+	837	66.4	12.2	37.3
4-5 PM	3470	0.0	3000	3004	466	15.89+	837	66.4	12.2	37.3
5-6 PM	3334	0.0	3000	3003	331	15.89+	836	66.6	12.2	37.3
6-7 PM	2590	0.0	2999	2590	0	12.58+	664	67.5	13.8	37.3
7-8 PM	1933	0.0	3000	1933	0	1.30	91	68.3	47.6	49.4
8-9 PM	1579	0.0	3000	1579	0	0.34	0	68.7	61.7	49.7
9-10 PM	1105	0.0	3000	1105	0	0.35	0	69.4	62.0	49.7
10-11 PM	961	0.0	3000	961	0	0.35	0	69.6	62.1	49.7
11PM-MID	583	0.0	3000	583	0	0.36	0	70.0	62.3	49.7

+ 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

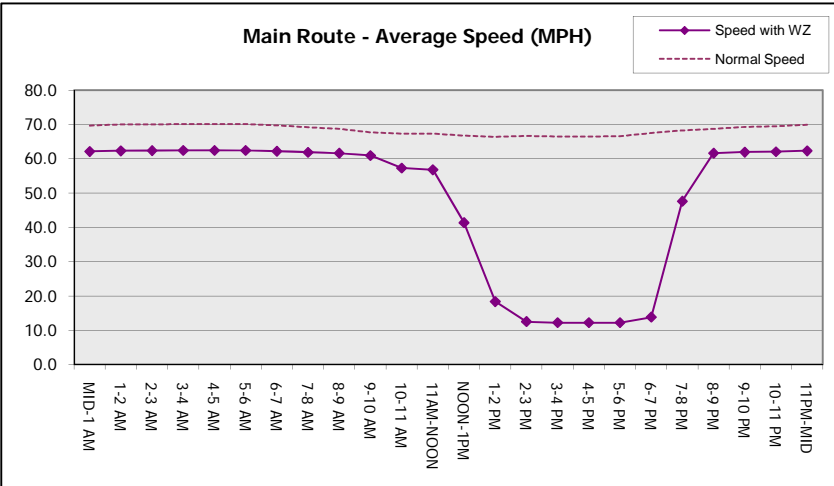
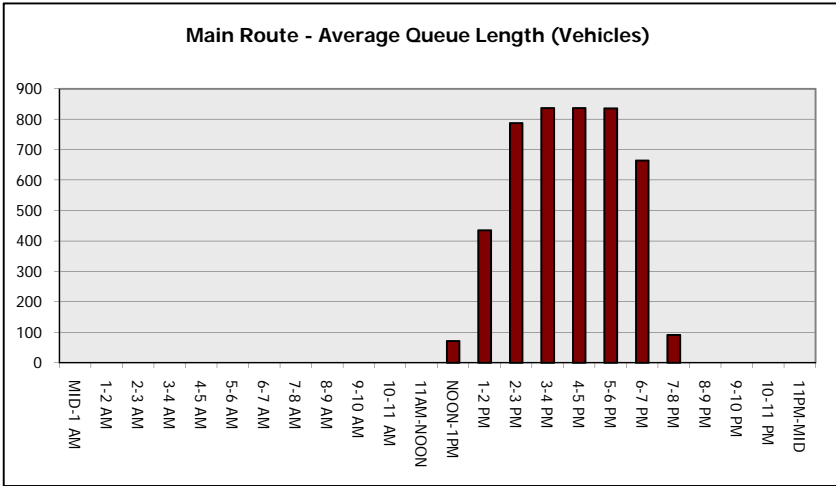
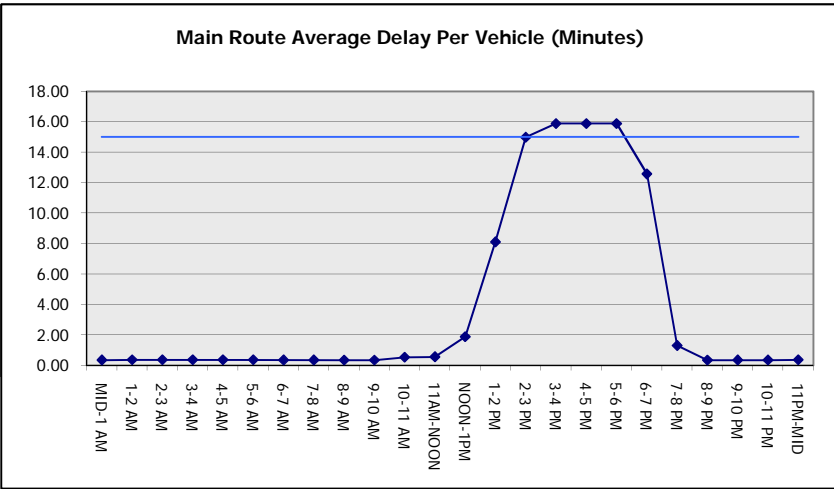
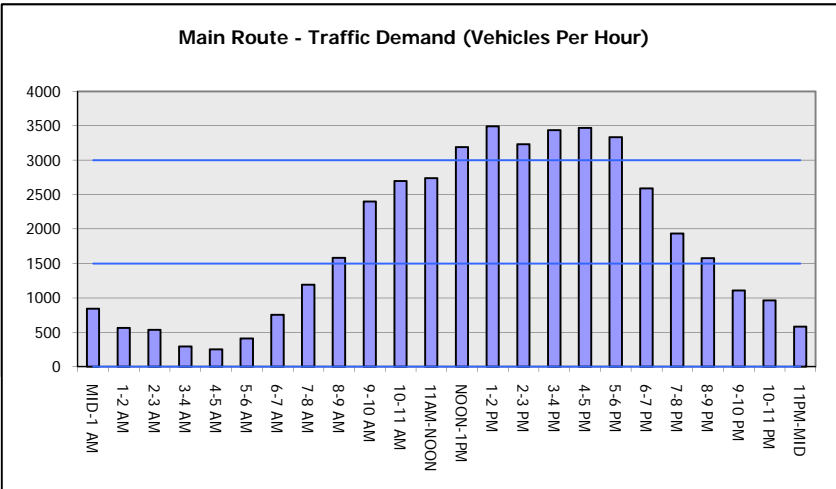
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0234
MAIN ROUTE WITH WORKS	0.0199
'DIVERSION'	0.0017
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$81,309
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	756	0.0	3000	756	0	0.35	0	69.8	62.2	49.7
1-2 AM	446	0.0	3000	446	0	0.36	0	70.2	62.5	49.7
2-3 AM	322	0.0	3000	322	0	0.36	0	70.2	62.5	49.7
3-4 AM	211	0.0	3000	211	0	0.36	0	70.2	62.5	49.7
4-5 AM	225	0.0	3000	225	0	0.36	0	70.2	62.5	49.7
5-6 AM	323	0.0	3000	323	0	0.36	0	70.2	62.5	49.7
6-7 AM	629	0.0	3000	629	0	0.36	0	69.9	62.3	49.7
7-8 AM	914	0.0	3000	914	0	0.35	0	69.6	62.1	49.7
8-9 AM	1408	0.0	3000	1408	0	0.34	0	69.0	61.8	49.7
9-10 AM	2179	0.0	3000	2179	0	0.33	0	68.0	61.2	49.7
10-11 AM	2617	0.0	2999	2617	0	0.48	0	67.5	58.3	44.3
11AM-NOON	3056	0.0	2999	3056	0	0.99	16	66.9	50.5	37.4
NOON-1PM	3212	0.0	3000	3212	0	3.45	158	66.8	31.4	37.3
1-2 PM	3460	0.0	3000	3460	0	9.52	506	66.4	16.4	37.3
2-3 PM	3232	0.0	2999	3118	114	15.53+	817	66.7	12.3	37.3
3-4 PM	3383	0.0	2999	2996	387	15.89+	837	66.5	12.2	37.3
4-5 PM	2947	0.0	2999	2927	20	15.45+	811	67.1	12.3	37.3
5-6 PM	3261	0.0	3000	3057	204	15.76+	829	66.7	12.2	37.3
6-7 PM	3193	0.0	3000	3000	193	15.89+	836	66.8	12.2	37.3
7-8 PM	2447	0.0	2999	2447	0	10.98+	595	67.7	15.1	38.5
8-9 PM	2021	0.0	3000	2021	0	0.87	47	68.2	52.8	49.6
9-10 PM	1368	0.0	3000	1368	0	0.34	0	69.1	61.8	49.7
10-11 PM	1099	0.0	3000	1099	0	0.35	0	69.4	62.0	49.7
11PM-MID	621	0.0	3000	621	0	0.36	0	70.0	62.3	49.7

+ 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	0.0234
MAIN ROUTE WITH WORKS	0.0201
'DIVERSION'	0.0011

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$93,740
CONGESTED HOURS PER DAY*	6

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

