

IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) OFF-PEAK DAY 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	OFF	840	0	0.00	0	69.7	69.7	69.7	
1-2 AM	565	0.0	OFF	565	0	0.00	0	70.0	70.0	70.0	
2-3 AM	536	0.0	OFF	536	0	0.00	0	70.0	70.0	70.0	
3-4 AM	295	0.0	OFF	295	0	0.00	0	70.2	70.2	70.2	
4-5 AM	250	0.0	OFF	250	0	0.00	0	70.2	70.2	70.2	
5-6 AM	411	0.0	OFF	411	0	0.00	0	70.2	70.2	70.2	
6-7 AM	754	0.0	OFF	754	0	0.00	0	69.8	69.8	69.8	
7-8 AM	1193	0.0	OFF	1193	0	0.00	0	69.2	69.2	69.2	
8-9 AM	1583	0.0	OFF	1583	0	0.00	0	68.7	68.7	68.7	
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	OFF	1933	0	0.24	21	68.3	63.3	63.3	
8-9 PM	1579	0.0	OFF	1579	0	0.00	0	68.7	68.7	68.7	
9-10 PM	1105	0.0	OFF	1105	0	0.00	0	69.4	69.4	69.4	
10-11 PM	961	0.0	OFF	961	0	0.00	0	69.6	69.6	69.6	
11PM-MID	583	0.0	OFF	583	0	0.00	0	70.0	70.0	70.0	

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES QUEUEING EXCEEDS USER-SPECIFIED MAXIMUM LIMIT

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(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	0
(VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

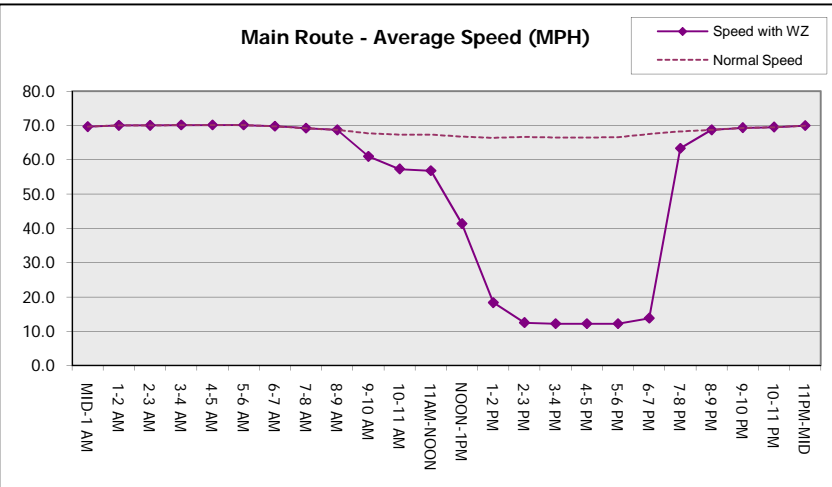
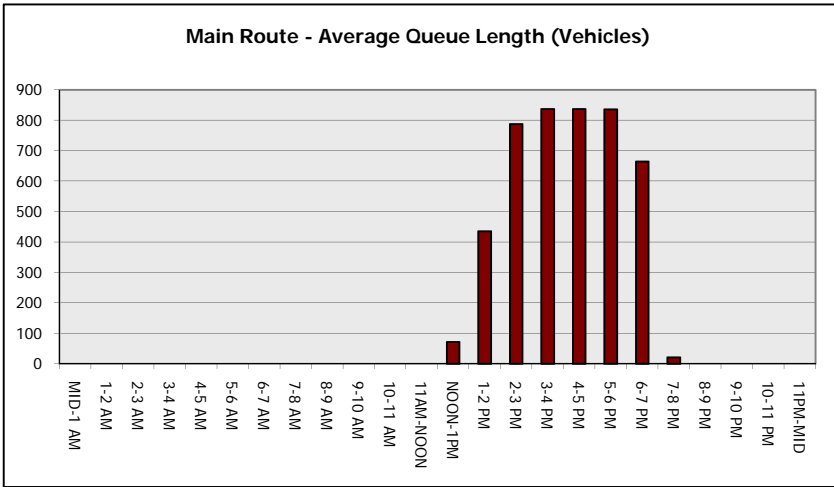
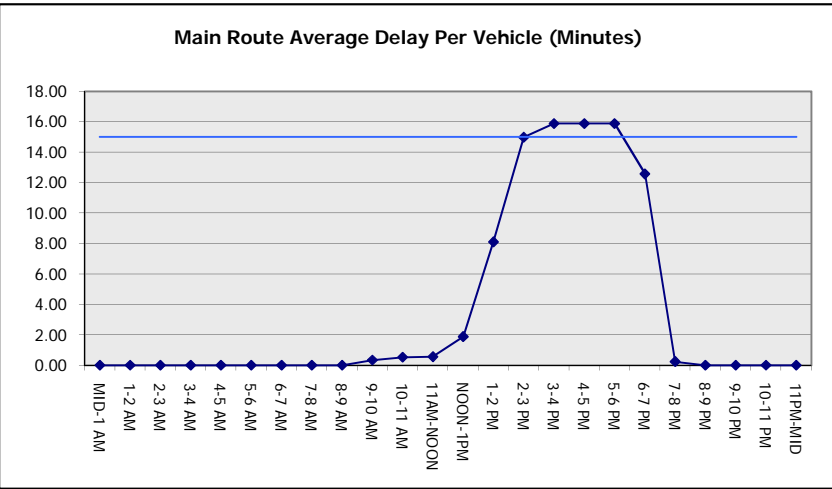
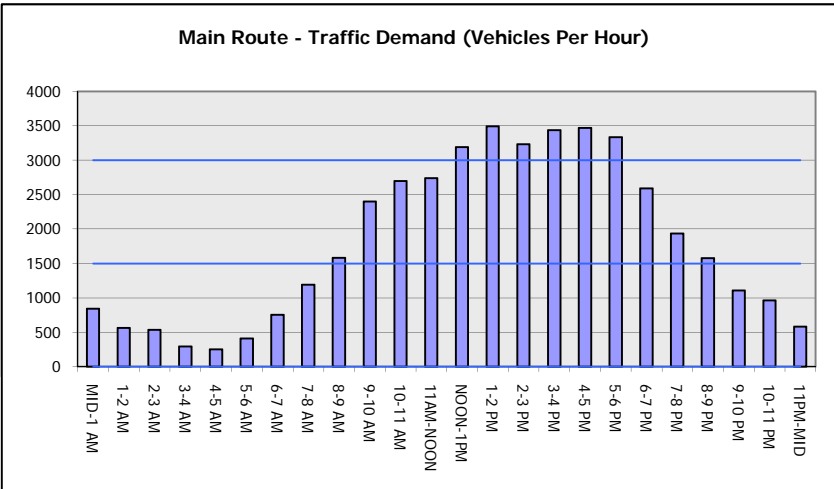
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0234
MAIN ROUTE WITH WORKS	0.0207
'DIVERSION'	0.0017
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$77,327
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

**IH 94: USH 18 TO CTH O (WAUKESHA COUNTY)
OFF-PEAK DAY CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



IH 94: USH 18 TO CTH O (WAUKESHA COUNTY) OFF-PEAK DAY CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	MAY
	Analyzed for 2009 Construction Season

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	OFF	756	0	0.00	0	69.8	69.8	69.8
1-2 AM	446	0.0	OFF	446	0	0.00	0	70.2	70.2	70.2
2-3 AM	322	0.0	OFF	322	0	0.00	0	70.2	70.2	70.2
3-4 AM	211	0.0	OFF	211	0	0.00	0	70.2	70.2	70.2
4-5 AM	225	0.0	OFF	225	0	0.00	0	70.2	70.2	70.2
5-6 AM	323	0.0	OFF	323	0	0.00	0	70.2	70.2	70.2
6-7 AM	629	0.0	OFF	629	0	0.00	0	69.9	69.9	69.9
7-8 AM	914	0.0	OFF	914	0	0.00	0	69.6	69.6	69.6
8-9 AM	1408	0.0	OFF	1408	0	0.00	0	69.0	69.0	69.0
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	OFF	2447	0	1.03	98	67.7	50.4	50.4
8-9 PM	2021	0.0	OFF	2021	0	0.00	0	68.2	68.2	68.2
9-10 PM	1368	0.0	OFF	1368	0	0.00	0	69.1	69.1	69.1
10-11 PM	1099	0.0	OFF	1099	0	0.00	0	69.4	69.4	69.4
11PM-MID	621	0.0	OFF	621	0	0.00	0	70.0	70.0	70.0

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ 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	0.0210
'DIVERSION'	0.0011

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$83,025
CONGESTED HOURS PER DAY*	5

*Delays Exceeding User-Specified Maximum

**IH 94: USH 18 TO CTH O (WAUKESHA COUNTY)
OFF-PEAK DAY CLOSURE
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

MAY
Analyzed for 2009
Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

