

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

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	3000	695	0	0.36	0	69.9	62.3	49.7	
1-2 AM	412	0.0	3000	412	0	0.36	0	70.2	62.5	49.7	
2-3 AM	375	0.0	3000	375	0	0.36	0	70.2	62.5	49.7	
3-4 AM	384	0.0	3000	384	0	0.36	0	70.2	62.5	49.7	
4-5 AM	714	0.0	3000	714	0	0.36	0	69.9	62.3	49.7	
5-6 AM	1975	0.0	2999	1975	0	0.34	0	68.2	61.3	49.4	
6-7 AM	4168	0.0	2999	4088	80	7.02+	469	62.4	20.6	37.3	
7-8 AM	5171	0.0	3000	2837	2334	15.43+	853	55.5	12.1	38.1	
8-9 AM	4798	0.0	2999	2953	1845	15.78+	859	58.1	12.0	37.3	
9-10 AM	3788	0.0	3000	2986	803	15.86+	839	65.0	12.2	37.3	
10-11 AM	3570	0.0	2999	2994	576	15.90+	837	66.3	12.2	37.3	
11AM-NOON	3633	0.0	2999	2995	638	15.89+	838	66.0	12.2	37.3	
NOON-1PM	4504	0.0	2999	3004	1499	15.89+	858	60.1	12.0	37.3	
1-2 PM	3654	0.0	3000	2995	658	15.88+	838	65.9	12.2	37.3	
2-3 PM	4143	0.0	2999	2996	1147	15.80+	844	62.5	12.1	37.3	
3-4 PM	4967	0.0	2999	3000	1967	15.78+	864	56.9	12.0	37.3	
4-5 PM	4975	0.0	3000	3000	1974	15.78+	864	56.9	12.0	37.3	
5-6 PM	4621	0.0	3000	3008	1613	15.89+	861	59.3	12.0	37.3	
6-7 PM	4248	0.0	3000	2994	1254	15.83+	848	61.9	12.1	37.3	
7-8 PM	2877	0.0	3000	2791	87	15.06+	791	67.1	12.5	37.3	
8-9 PM	1909	0.0	2999	1909	0	2.31	208	68.4	38.5	47.8	
9-10 PM	1992	0.0	3000	1992	0	0.33	0	68.2	61.4	49.7	
10-11 PM	1892	0.0	3000	1892	0	0.34	0	68.4	61.4	49.7	
11PM-MID	1413	0.0	3000	1413	0	0.34	0	69.0	61.8	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

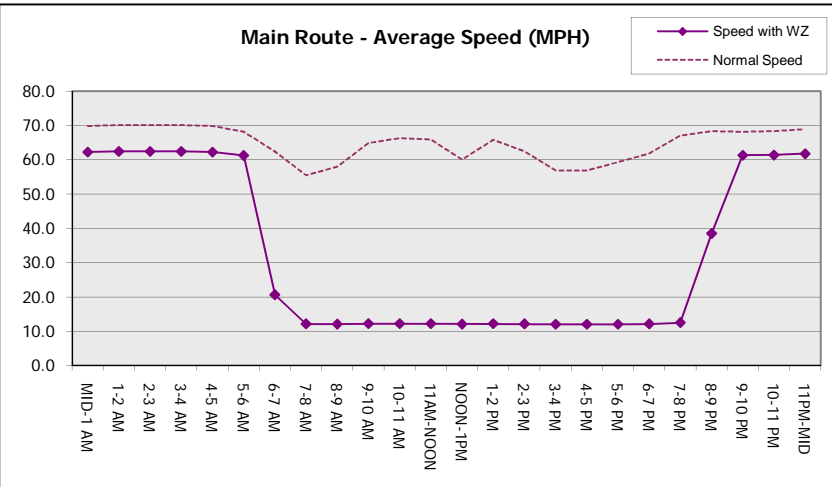
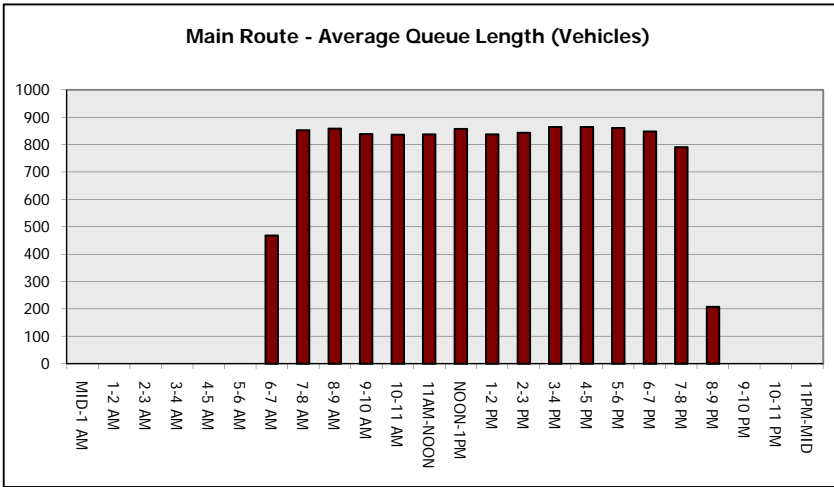
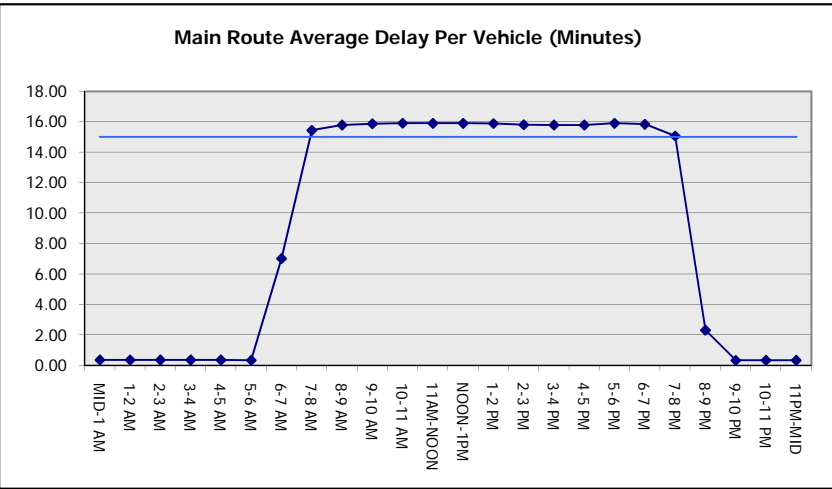
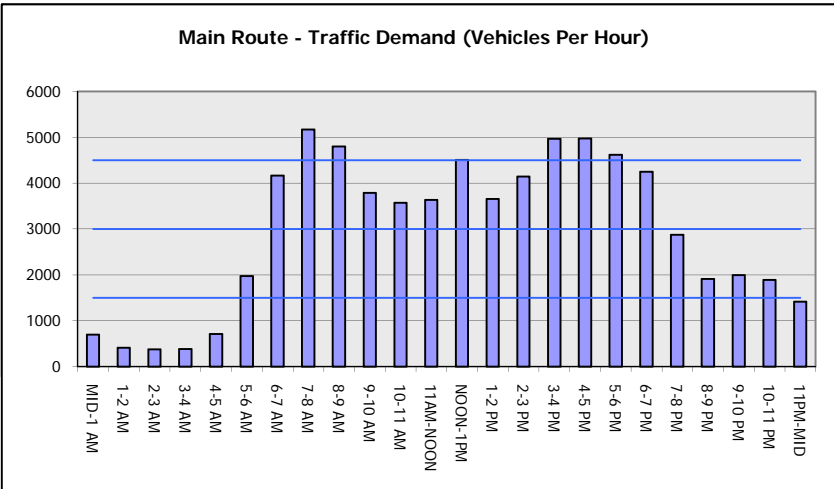
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0383
MAIN ROUTE WITH WORKS	0.0258
'DIVERSION'	0.0206
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$203,340
CONGESTED HOURS PER DAY*	14

*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) CONTINUOUS (24 HOUR) 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	3000	613	0	0.36	0	70.0	62.3	49.7
1-2 AM	394	0.0	3000	394	0	0.36	0	70.2	62.5	49.7
2-3 AM	309	0.0	3000	309	0	0.36	0	70.2	62.5	49.7
3-4 AM	307	0.0	3000	307	0	0.36	0	70.2	62.5	49.7
4-5 AM	631	0.0	3000	631	0	0.36	0	69.9	62.3	49.7
5-6 AM	1895	0.0	2999	1895	0	0.34	0	68.4	61.4	49.7
6-7 AM	4450	0.0	2999	3895	555	8.31+	527	60.5	18.3	37.3
7-8 AM	5286	0.0	3000	3000	2286	15.61+	864	54.8	12.0	37.3
8-9 AM	4656	0.0	2999	2968	1688	15.87+	861	59.1	12.0	37.3
9-10 AM	3786	0.0	3000	2994	792	15.84+	838	65.0	12.2	37.3
10-11 AM	3315	0.0	2999	2996	319	15.89+	836	66.6	12.2	37.3
11AM-NOON	3197	0.0	2999	2995	202	15.89+	836	66.8	12.2	37.3
NOON-1PM	3877	0.0	2999	2998	879	15.81+	839	64.4	12.2	37.3
1-2 PM	3201	0.0	3000	2998	203	15.89+	836	66.8	12.2	37.3
2-3 PM	3893	0.0	2999	2999	894	15.80+	839	64.3	12.2	37.3
3-4 PM	4658	0.0	2999	3015	1643	15.89+	861	59.1	12.0	37.3
4-5 PM	4686	0.0	3000	3002	1684	15.91+	864	58.8	12.0	37.3
5-6 PM	4348	0.0	3000	2988	1359	15.84+	851	61.2	12.0	37.3
6-7 PM	3802	0.0	3000	2998	804	15.83+	838	64.9	12.2	37.3
7-8 PM	2881	0.0	3000	2829	52	15.19+	798	67.1	12.4	37.3
8-9 PM	2039	0.0	2999	2039	0	2.97	257	68.2	34.2	46.1
9-10 PM	2128	0.0	3000	2128	0	0.33	0	68.1	61.3	49.7
10-11 PM	1664	0.0	3000	1664	0	0.34	0	68.7	61.6	49.7
11PM-MID	1462	0.0	3000	1462	0	0.34	0	68.9	61.7	49.7

+ 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	0.0365
MAIN ROUTE WITH WORKS	0.0257
'DIVERSION'	0.0167

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$193,907
CONGESTED HOURS PER DAY*	14

*Delays Exceeding User-Specified Maximum

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