

<b>IH 94: USH 18 TO CTH O (WAUKESHA COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	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	884	0.0	3000	884	0	0.35	0	69.6	62.2	49.7
1-2 AM	600	0.0	3000	600	0	0.36	0	70.0	62.3	49.7
2-3 AM	260	0.0	3000	260	0	0.36	0	70.2	62.5	49.7
3-4 AM	194	0.0	3000	194	0	0.36	0	70.2	62.5	49.7
4-5 AM	106	0.0	3000	106	0	0.36	0	70.2	62.5	49.7
5-6 AM	174	0.0	3000	174	0	0.36	0	70.2	62.5	49.7
6-7 AM	279	0.0	3000	279	0	0.36	0	70.2	62.5	49.7
7-8 AM	773	0.0	3000	773	0	0.35	0	69.8	62.2	49.7
8-9 AM	852	0.0	3000	852	0	0.35	0	69.7	62.2	49.7
9-10 AM	1820	0.0	3000	1820	0	0.34	0	68.5	61.5	49.7
10-11 AM	2218	0.0	3000	2218	0	0.33	0	68.0	61.2	49.7
11AM-NOON	2503	0.0	2999	2503	0	0.41	0	67.6	59.5	46.6
NOON-1PM	3413	0.0	2999	3413	0	3.32	173	66.5	31.9	37.3
1-2 PM	3578	0.0	3000	3423	155	12.80+	683	66.3	13.6	37.3
2-3 PM	3368	0.0	3000	3000	368	15.89+	837	66.6	12.2	37.3
3-4 PM	3443	0.0	3000	3000	442	15.89+	837	66.4	12.2	37.3
4-5 PM	3491	0.0	3000	3000	491	15.89+	837	66.4	12.2	37.3
5-6 PM	3301	0.0	3000	3000	301	15.89+	836	66.6	12.2	37.3
6-7 PM	2989	0.0	3000	2923	66	15.55+	817	67.0	12.3	37.3
7-8 PM	2158	0.0	2999	2158	0	5.30	385	68.1	24.8	43.7
8-9 PM	1585	0.0	3000	1585	0	0.34	0	68.7	61.7	49.7
9-10 PM	1266	0.0	3000	1266	0	0.35	0	69.2	61.9	49.7
10-11 PM	1120	0.0	3000	1120	0	0.35	0	69.4	62.0	49.7
11PM-MID	537	0.0	3000	537	0	0.36	0	70.0	62.4	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

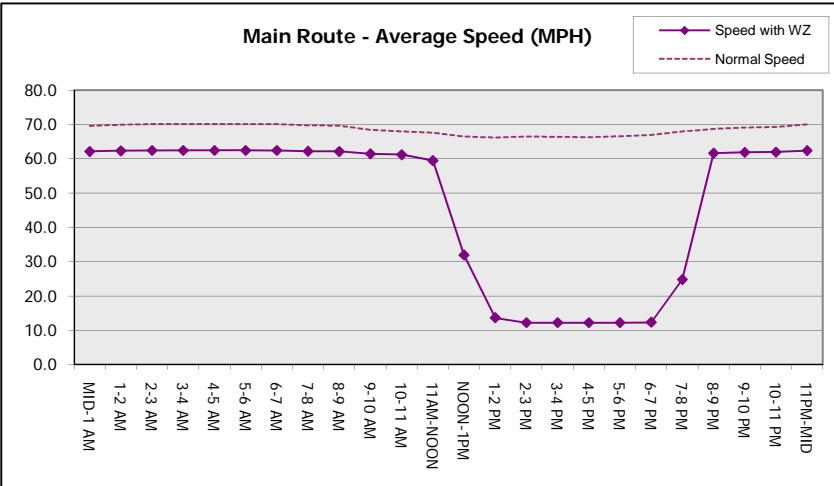
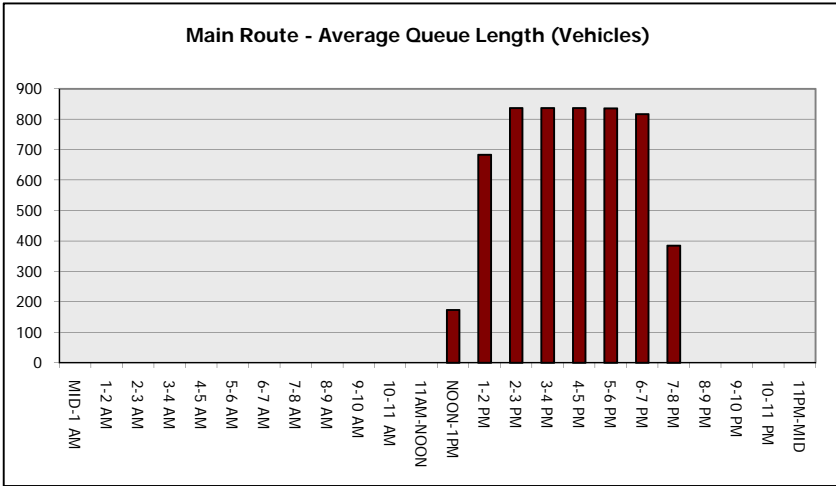
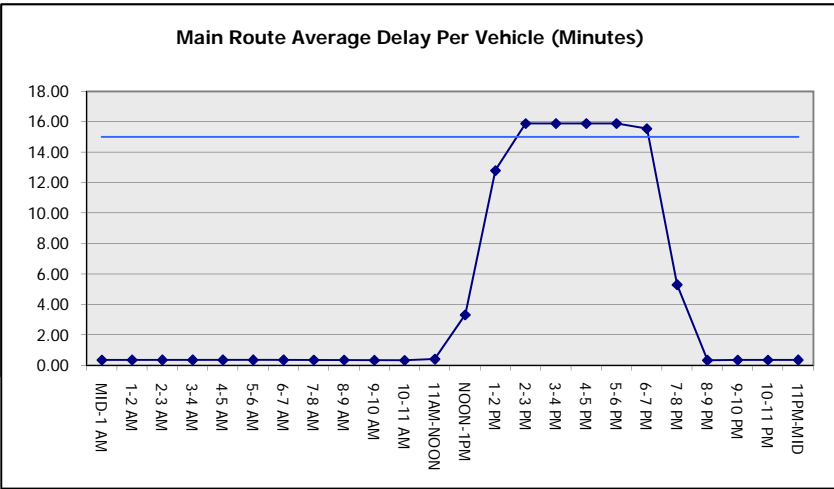
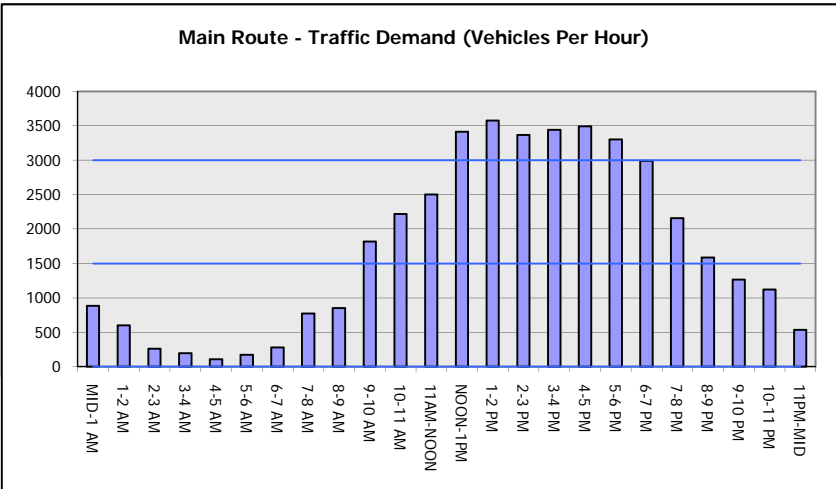
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0221
MAIN ROUTE WITH WORKS	0.0186
'DIVERSION'	0.0023
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$95,543
CONGESTED HOURS PER DAY*	6

\*Delays Exceeding User-Specified Maximum

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**AUGUST**  
Analyzed for 2009  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY WESTBOUND DIRECTION**



<b>IH 94: USH 18 TO CTH O (WAUKESHA COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
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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	609	0.0	3000	609	0	0.36	0	70.0	62.3	49.7
1-2 AM	306	0.0	3000	306	0	0.36	0	70.2	62.5	49.7
2-3 AM	143	0.0	3000	143	0	0.36	0	70.2	62.5	49.7
3-4 AM	132	0.0	3000	132	0	0.36	0	70.2	62.5	49.7
4-5 AM	100	0.0	3000	100	0	0.36	0	70.2	62.5	49.7
5-6 AM	136	0.0	3000	136	0	0.36	0	70.2	62.5	49.7
6-7 AM	252	0.0	3000	252	0	0.36	0	70.2	62.5	49.7
7-8 AM	684	0.0	3000	684	0	0.36	0	69.9	62.3	49.7
8-9 AM	847	0.0	3000	847	0	0.35	0	69.7	62.2	49.7
9-10 AM	1848	0.0	3000	1848	0	0.34	0	68.4	61.5	49.7
10-11 AM	2375	0.0	2999	2375	0	0.37	0	67.8	60.4	48.1
11AM-NOON	2930	0.0	2999	2930	0	0.82	10	67.1	52.8	39.1
NOON-1PM	3583	0.0	3000	3583	0	5.50	308	66.3	23.8	37.3
1-2 PM	3660	0.0	2999	3275	385	15.28+	807	65.8	12.4	37.3
2-3 PM	3506	0.0	2999	2982	525	15.89+	837	66.4	12.2	37.3
3-4 PM	3479	0.0	2999	2990	489	15.90+	837	66.4	12.2	37.3
4-5 PM	3708	0.0	2999	2993	716	15.86+	838	65.5	12.2	37.3
5-6 PM	3567	0.0	2999	2994	573	15.90+	837	66.3	12.2	37.3
6-7 PM	3388	0.0	2999	2995	393	15.89+	837	66.5	12.2	37.3
7-8 PM	2541	0.0	2999	2541	0	12.51+	664	67.6	13.8	37.5
8-9 PM	2059	0.0	3000	2059	0	1.38	93	68.2	46.7	48.4
9-10 PM	1618	0.0	3000	1618	0	0.34	0	68.7	61.7	49.7
10-11 PM	1260	0.0	3000	1260	0	0.35	0	69.2	61.9	49.7
11PM-MID	488	0.0	3000	488	0	0.36	0	70.1	62.4	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	0.0191
'DIVERSION'	0.0039

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$112,651
CONGESTED HOURS PER DAY*	7

\*Delays Exceeding User-Specified Maximum

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY EASTBOUND DIRECTION**

