

IH 94: CTH G TO STH 16 (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
	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	661	0.0	1500	661	0	0.55	0	69.9	60.1	42.9	
1-2 AM	320	0.0	1500	320	0	0.51	0	70.2	60.9	44.2	
2-3 AM	207	0.0	1500	207	0	0.50	0	70.2	61.0	44.6	
3-4 AM	140	0.0	1500	140	0	0.49	0	70.2	61.2	44.9	
4-5 AM	130	0.0	1500	130	0	0.49	0	70.2	61.2	45.0	
5-6 AM	241	0.0	1500	241	0	0.50	0	70.2	61.0	44.5	
6-7 AM	538	0.0	1500	538	0	0.54	0	70.0	60.4	43.3	
7-8 AM	920	0.0	1499	920	0	0.58	0	69.6	59.4	42.0	
8-9 AM	1493	0.0	1499	1493	0	1.49	14	68.9	47.9	32.3	
9-10 AM	1924	0.0	1500	1924	0	8.85+	239	68.4	19.1	30.8	
10-11 AM	2526	0.0	1500	1493	1033	16.27+	399	67.6	11.9	31.1	
11AM-NOON	2892	0.0	1500	1500	1392	16.28+	400	67.1	11.9	30.9	
NOON-1PM	2961	0.0	1500	1500	1461	16.28+	400	67.1	11.9	30.9	
1-2 PM	2764	0.0	1500	1500	1264	16.29+	400	67.3	11.9	30.9	
2-3 PM	2995	0.0	1500	1500	1495	16.28+	400	67.0	11.9	30.9	
3-4 PM	2837	0.0	1500	1500	1337	16.29+	400	67.2	11.9	30.9	
4-5 PM	2716	0.0	1500	1500	1216	16.29+	400	67.4	11.9	30.9	
5-6 PM	2308	0.0	1500	1475	833	16.23+	397	67.9	11.9	30.9	
6-7 PM	1927	0.0	1499	1471	456	16.24+	397	68.3	11.9	30.8	
7-8 PM	1714	0.0	1499	1483	231	16.29+	398	68.6	11.9	30.8	
8-9 PM	1328	0.0	1499	1328	0	13.80+	337	69.1	13.6	30.8	
9-10 PM	1160	0.0	1499	1160	0	3.16	96	69.3	35.8	36.3	
10-11 PM	754	0.0	1500	754	0	0.56	0	69.8	59.8	42.5	
11PM-MID	490	0.0	1500	490	0	0.53	0	70.1	60.5	43.5	

+ 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

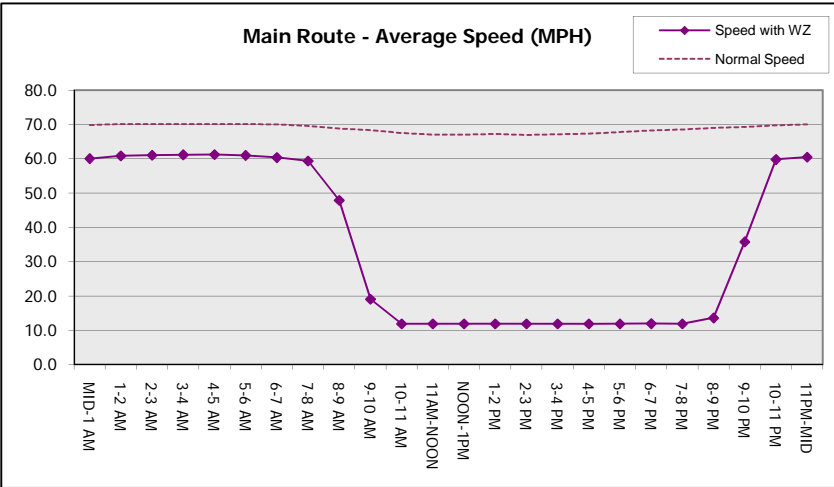
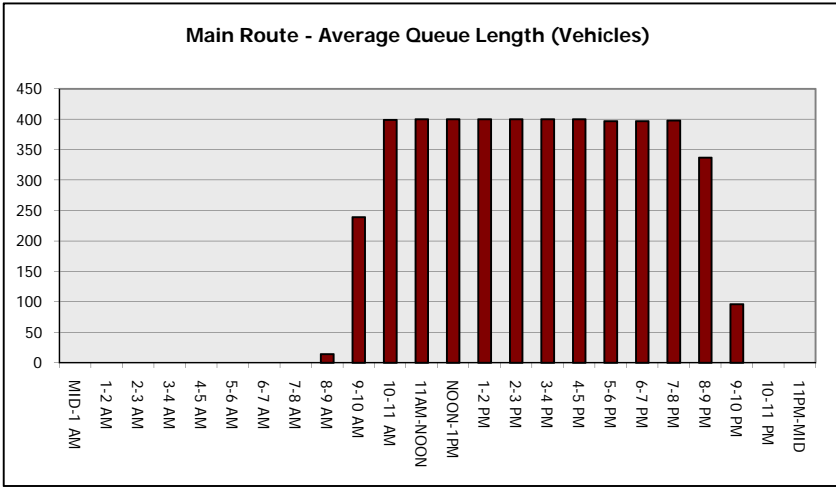
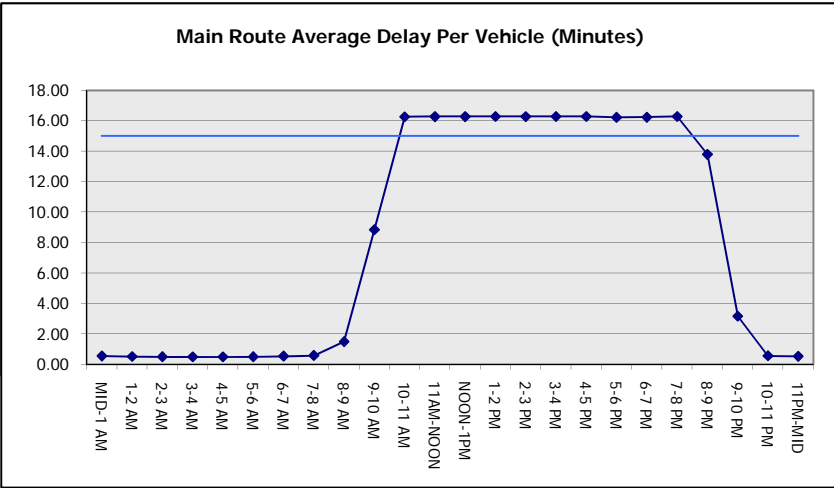
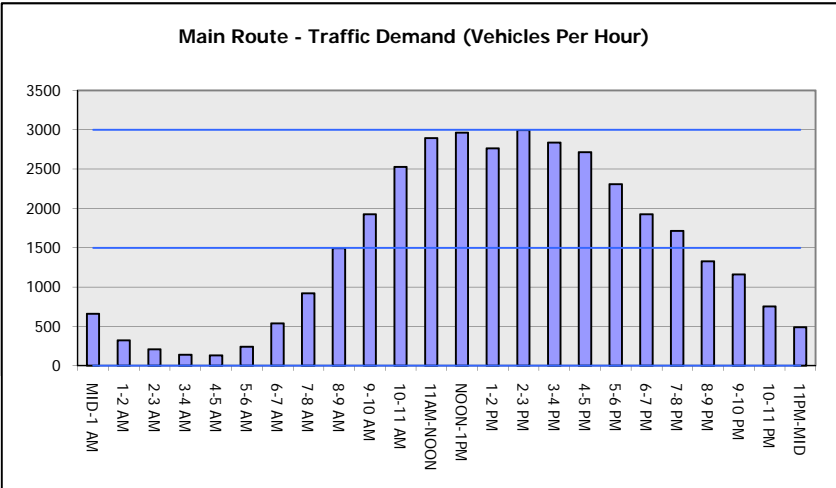
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0223
MAIN ROUTE WITH WORKS	0.0140
'DIVERSION'	0.0154
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$128,572
CONGESTED HOURS PER DAY*	12

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY WESTBOUND DIRECTION



IH 94: CTH G TO STH 16 (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) 2 LANE CLOSURE NO DIVERSION ROUTE (MAX QUEUE METHOD)	AUGUST
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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	818	0.0	1500	818	0	0.57	0	69.7	59.6	42.4
1-2 AM	519	0.0	1500	519	0	0.54	0	70.1	60.4	43.4
2-3 AM	300	0.0	1500	300	0	0.51	0	70.2	60.9	44.3
3-4 AM	195	0.0	1500	195	0	0.50	0	70.2	61.1	44.7
4-5 AM	240	0.0	1500	240	0	0.50	0	70.2	61.0	44.5
5-6 AM	238	0.0	1500	238	0	0.50	0	70.2	61.0	44.5
6-7 AM	376	0.0	1500	376	0	0.52	0	70.2	60.7	44.0
7-8 AM	558	0.0	1500	558	0	0.54	0	70.0	60.3	43.3
8-9 AM	1008	0.0	1499	1008	0	0.60	0	69.5	58.9	41.3
9-10 AM	1622	0.0	1499	1622	0	2.11	36	68.7	42.5	31.3
10-11 AM	2367	0.0	1500	1834	533	14.29+	359	67.8	13.2	31.4
11AM-NOON	2961	0.0	1499	1500	1461	16.27+	399	67.1	11.9	31.1
NOON-1PM	3285	0.0	1500	1500	1785	16.25+	400	66.6	11.9	31.1
1-2 PM	3378	0.0	1500	1500	1878	16.24+	400	66.5	11.9	31.1
2-3 PM	3288	0.0	1500	1500	1788	16.25+	400	66.6	11.9	31.1
3-4 PM	3387	0.0	1500	1500	1887	16.24+	400	66.5	11.9	31.1
4-5 PM	3465	0.0	1500	1500	1965	16.24+	400	66.4	11.9	31.1
5-6 PM	3354	0.0	1500	1500	1854	16.24+	400	66.6	11.9	31.1
6-7 PM	2930	0.0	1500	1500	1430	16.27+	400	67.1	11.9	31.1
7-8 PM	2893	0.0	1500	1500	1393	16.27+	400	67.1	11.9	31.1
8-9 PM	2660	0.0	1500	1500	1160	16.29+	400	67.4	11.9	31.1
9-10 PM	1750	0.0	1499	1419	330	16.06+	392	68.6	12.0	30.9
10-11 PM	1159	0.0	1499	1159	0	9.90	265	69.3	17.6	33.8
11PM-MID	579	0.0	1500	579	0	0.60	1	70.0	59.4	43.2

+ 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	0.0269
MAIN ROUTE WITH WORKS	0.0144
'DIVERSION'	0.0251

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$165,459
CONGESTED HOURS PER DAY*	12

*Delays Exceeding User-Specified Maximum

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SUNDAY EASTBOUND DIRECTION

