

IH 94: CTH G TO STH 16 (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	389	0.0	3000	389	0	0.36	0	70.2	63.3	49.7
1-2 AM	232	0.0	3000	232	0	0.36	0	70.2	63.3	49.7
2-3 AM	194	0.0	3000	194	0	0.36	0	70.2	63.3	49.7
3-4 AM	134	0.0	3000	134	0	0.36	0	70.2	63.3	49.7
4-5 AM	141	0.0	3000	141	0	0.36	0	70.2	63.3	49.7
5-6 AM	265	0.0	3000	265	0	0.36	0	70.2	63.3	49.7
6-7 AM	489	0.0	3000	489	0	0.36	0	70.1	63.3	49.7
7-8 AM	833	0.0	3000	833	0	0.35	0	69.7	63.0	49.7
8-9 AM	1247	0.0	3000	1247	0	0.35	0	69.2	62.7	49.7
9-10 AM	1771	0.0	3000	1771	0	0.34	0	68.6	62.3	49.7
10-11 AM	2019	0.0	3000	2019	0	0.33	0	68.2	62.2	49.7
11AM-NOON	2456	0.0	3000	2456	0	0.37	0	67.7	61.1	47.9
NOON-1PM	2566	0.0	3000	2566	0	0.44	0	67.6	59.9	45.3
1-2 PM	2665	0.0	3000	2665	0	0.51	0	67.4	58.8	43.2
2-3 PM	2576	0.0	3000	2576	0	0.45	0	67.5	59.7	45.0
3-4 PM	2498	0.0	3000	2498	0	0.40	0	67.6	60.6	46.9
4-5 PM	2461	0.0	3000	2461	0	0.38	0	67.7	61.0	47.8
5-6 PM	1993	0.0	3000	1993	0	0.33	0	68.2	62.2	49.7
6-7 PM	1626	0.0	3000	1626	0	0.34	0	68.7	62.5	49.7
7-8 PM	1331	0.0	3000	1331	0	0.35	0	69.1	62.7	49.7
8-9 PM	1125	0.0	3000	1125	0	0.35	0	69.4	62.8	49.7
9-10 PM	789	0.0	3000	789	0	0.35	0	69.7	63.1	49.7
10-11 PM	548	0.0	3000	548	0	0.36	0	70.0	63.3	49.7
11PM-MID	368	0.0	3000	368	0	0.36	0	70.2	63.3	49.7

----- 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	0.0191
MAIN ROUTE WITH WORKS	0.0170
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

ROAD USER COSTS PER DAY	\$2,999
CONGESTED HOURS PER DAY*	0

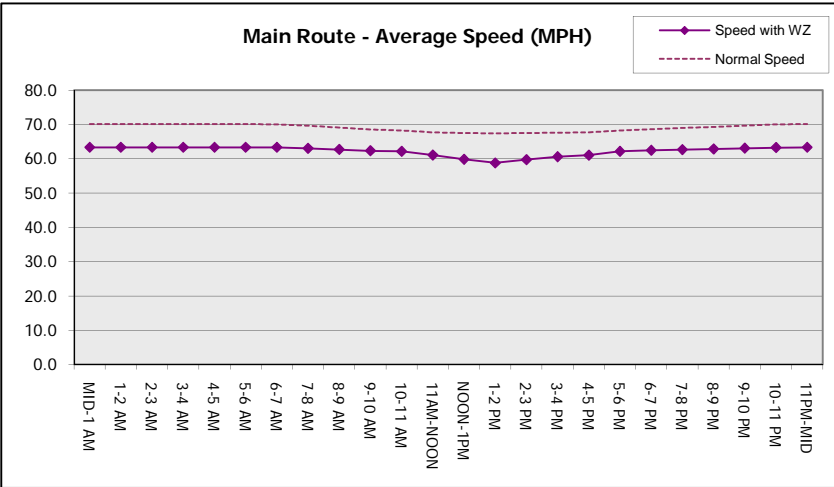
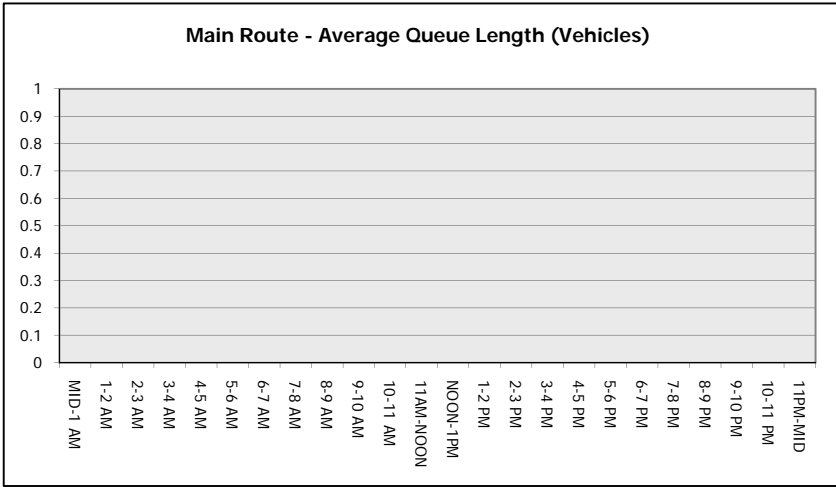
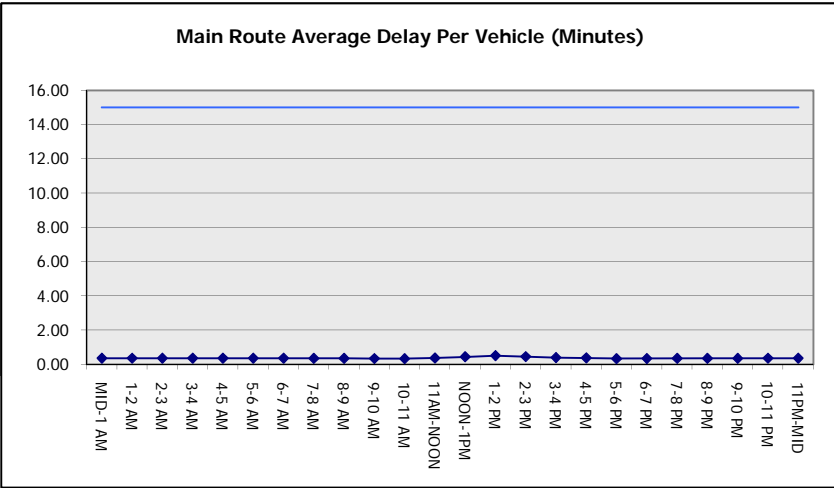
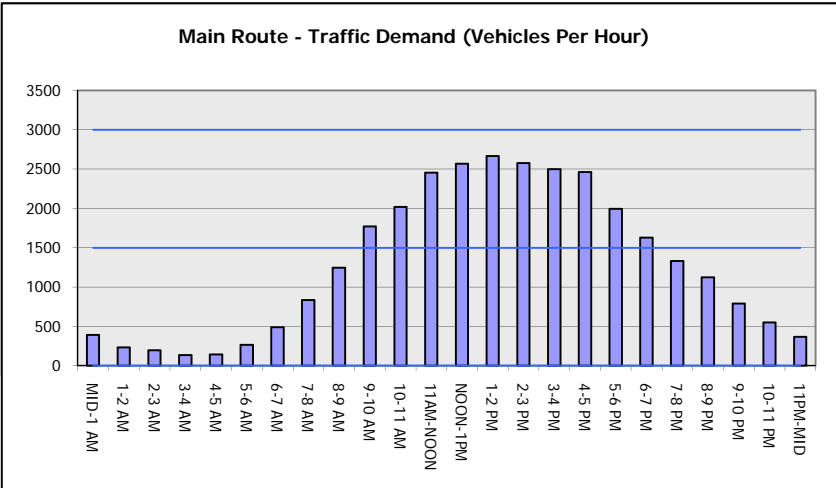
*Delays Exceeding User-Specified Maximum

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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) 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	391	0.0	3000	391	0	0.36	0	70.2	63.3	49.7
1-2 AM	291	0.0	3000	291	0	0.36	0	70.2	63.3	49.7
2-3 AM	157	0.0	3000	157	0	0.36	0	70.2	63.3	49.7
3-4 AM	165	0.0	3000	165	0	0.36	0	70.2	63.3	49.7
4-5 AM	161	0.0	3000	161	0	0.36	0	70.2	63.3	49.7
5-6 AM	155	0.0	3000	155	0	0.36	0	70.2	63.3	49.7
6-7 AM	377	0.0	3000	377	0	0.36	0	70.2	63.3	49.7
7-8 AM	604	0.0	3000	604	0	0.36	0	70.0	63.2	49.7
8-9 AM	888	0.0	3000	888	0	0.35	0	69.6	63.0	49.7
9-10 AM	1403	0.0	3000	1403	0	0.34	0	69.0	62.7	49.7
10-11 AM	1922	0.0	3000	1922	0	0.34	0	68.4	62.2	49.7
11AM-NOON	2341	0.0	3000	2341	0	0.33	0	67.8	61.9	49.7
NOON-1PM	2653	0.0	3000	2653	0	0.50	0	67.4	58.9	43.4
1-2 PM	2667	0.0	3000	2667	0	0.51	0	67.4	58.7	43.1
2-3 PM	2824	0.0	3000	2824	0	0.61	0	67.3	57.1	40.1
3-4 PM	2968	0.0	3000	2968	0	0.71	0	67.1	55.8	37.8
4-5 PM	2853	0.0	3000	2853	0	0.63	0	67.2	56.9	39.6
5-6 PM	2923	0.0	3000	2923	0	0.68	0	67.1	56.2	38.4
6-7 PM	2439	0.0	3000	2439	0	0.36	0	67.7	61.3	48.3
7-8 PM	2088	0.0	3000	2088	0	0.33	0	68.1	62.1	49.7
8-9 PM	1851	0.0	3000	1851	0	0.34	0	68.4	62.3	49.7
9-10 PM	1259	0.0	3000	1259	0	0.35	0	69.2	62.7	49.7
10-11 PM	774	0.0	3000	774	0	0.35	0	69.8	63.1	49.7
11PM-MID	461	0.0	3000	461	0	0.36	0	70.2	63.3	49.7

----- 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	0.0215
MAIN ROUTE WITH WORKS	0.0192
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$4,164
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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