

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

SATURDAY 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	449	0.0	3000	449	0	0.36	0	70.2	63.3	49.7
1-2 AM	287	0.0	3000	287	0	0.36	0	70.2	63.3	49.7
2-3 AM	263	0.0	3000	263	0	0.36	0	70.2	63.3	49.7
3-4 AM	222	0.0	3000	222	0	0.36	0	70.2	63.3	49.7
4-5 AM	308	0.0	3000	308	0	0.36	0	70.2	63.3	49.7
5-6 AM	524	0.0	3000	524	0	0.36	0	70.1	63.3	49.7
6-7 AM	1100	0.0	3000	1100	0	0.35	0	69.4	62.8	49.7
7-8 AM	1485	0.0	3000	1485	0	0.34	0	68.9	62.6	49.7
8-9 AM	2019	0.0	3000	2019	0	0.33	0	68.2	62.2	49.7
9-10 AM	2158	0.0	3000	2158	0	0.33	0	68.1	62.0	49.7
10-11 AM	2464	0.0	3000	2464	0	0.38	0	67.7	61.0	47.7
11AM-NOON	2576	0.0	3000	2576	0	0.45	0	67.5	59.7	45.0
NOON-1PM	2708	0.0	3000	2708	0	0.54	0	67.4	58.3	42.3
1-2 PM	2596	0.0	3000	2596	0	0.46	0	67.5	59.6	44.6
2-3 PM	2455	0.0	3000	2455	0	0.37	0	67.7	61.1	47.9
3-4 PM	2597	0.0	3000	2597	0	0.47	0	67.5	59.5	44.6
4-5 PM	2494	0.0	3000	2494	0	0.40	0	67.6	60.7	46.9
5-6 PM	2076	0.0	3000	2076	0	0.33	0	68.1	62.1	49.7
6-7 PM	1855	0.0	3000	1855	0	0.34	0	68.4	62.3	49.7
7-8 PM	1313	0.0	3000	1313	0	0.35	0	69.1	62.7	49.7
8-9 PM	1118	0.0	3000	1118	0	0.35	0	69.4	62.8	49.7
9-10 PM	1127	0.0	3000	1127	0	0.35	0	69.3	62.8	49.7
10-11 PM	879	0.0	3000	879	0	0.35	0	69.6	63.0	49.7
11PM-MID	656	0.0	3000	656	0	0.36	0	69.9	63.2	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

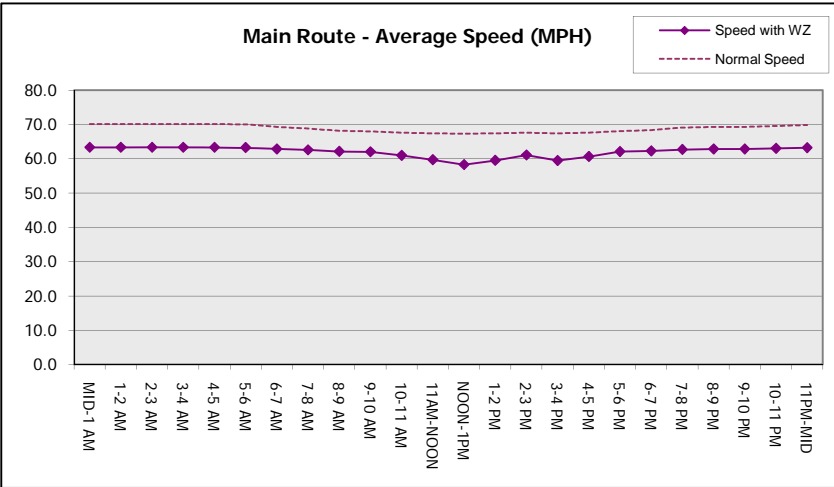
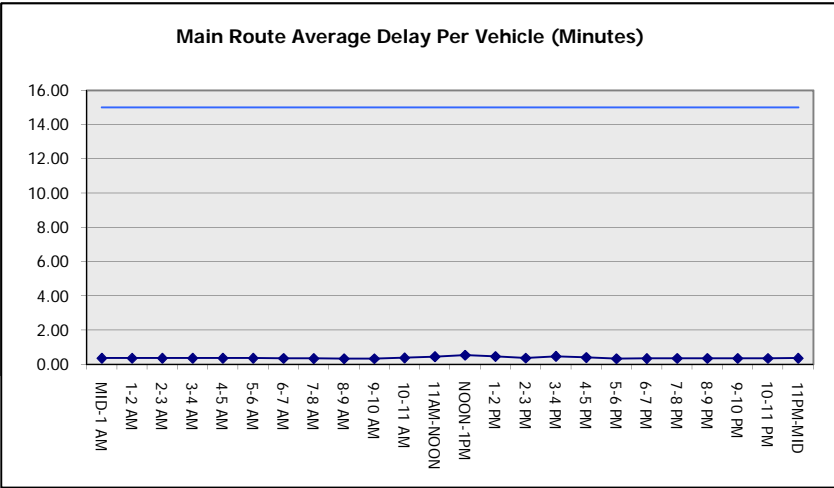
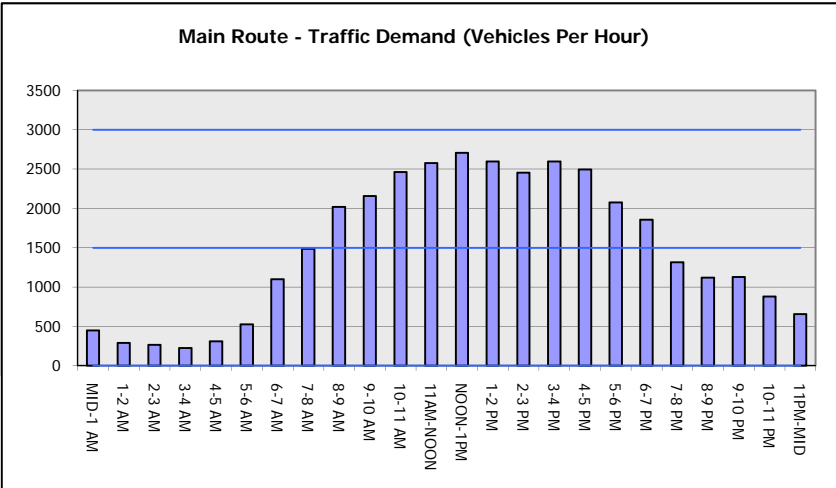
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0222
MAIN ROUTE WITH WORKS	0.0198
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$3,436
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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

SATURDAY 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	345	0.0	3000	345	0	0.36	0	70.2	63.3	49.7
1-2 AM	222	0.0	3000	222	0	0.36	0	70.2	63.3	49.7
2-3 AM	209	0.0	3000	209	0	0.36	0	70.2	63.3	49.7
3-4 AM	153	0.0	3000	153	0	0.36	0	70.2	63.3	49.7
4-5 AM	217	0.0	3000	217	0	0.36	0	70.2	63.3	49.7
5-6 AM	397	0.0	3000	397	0	0.36	0	70.2	63.3	49.7
6-7 AM	712	0.0	3000	712	0	0.36	0	69.9	63.2	49.7
7-8 AM	1073	0.0	3000	1073	0	0.35	0	69.4	62.9	49.7
8-9 AM	1613	0.0	3000	1613	0	0.34	0	68.7	62.5	49.7
9-10 AM	1818	0.0	3000	1818	0	0.34	0	68.5	62.3	49.7
10-11 AM	2087	0.0	3000	2087	0	0.33	0	68.1	62.1	49.7
11AM-NOON	2296	0.0	3000	2296	0	0.33	0	67.9	62.0	49.7
NOON-1PM	2237	0.0	3000	2237	0	0.33	0	67.9	62.0	49.7
1-2 PM	2357	0.0	3000	2357	0	0.33	0	67.8	61.9	49.7
2-3 PM	2390	0.0	3000	2390	0	0.33	0	67.8	61.9	49.6
3-4 PM	2351	0.0	3000	2351	0	0.33	0	67.8	61.9	49.7
4-5 PM	2484	0.0	3000	2484	0	0.39	0	67.6	60.8	47.2
5-6 PM	2426	0.0	3000	2426	0	0.35	0	67.7	61.4	48.7
6-7 PM	1918	0.0	3000	1918	0	0.34	0	68.4	62.2	49.7
7-8 PM	1536	0.0	3000	1536	0	0.34	0	68.8	62.5	49.7
8-9 PM	1496	0.0	3000	1496	0	0.34	0	68.9	62.5	49.7
9-10 PM	1257	0.0	3000	1257	0	0.35	0	69.2	62.7	49.7
10-11 PM	1066	0.0	3000	1066	0	0.35	0	69.4	62.9	49.7
11PM-MID	764	0.0	3000	764	0	0.35	0	69.8	63.1	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	0.0208
MAIN ROUTE WITH WORKS	0.0185
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$2,815
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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