

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

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	341	0.0	3000	341	0	0.36	0	70.2	63.3	49.7
1-2 AM	233	0.0	3000	233	0	0.36	0	70.2	63.3	49.7
2-3 AM	208	0.0	3000	208	0	0.36	0	70.2	63.3	49.7
3-4 AM	217	0.0	3000	217	0	0.36	0	70.2	63.3	49.7
4-5 AM	342	0.0	3000	342	0	0.36	0	70.2	63.3	49.7
5-6 AM	772	0.0	3000	772	0	0.35	0	69.8	63.1	49.7
6-7 AM	1716	0.0	3000	1716	0	0.34	0	68.6	62.4	49.7
7-8 AM	2390	0.0	3000	2390	0	0.33	0	67.8	61.9	49.6
8-9 AM	2390	0.0	3000	2390	0	0.33	0	67.8	61.9	49.6
9-10 AM	2142	0.0	3000	2142	0	0.33	0	68.1	62.1	49.7
10-11 AM	2256	0.0	3000	2256	0	0.33	0	67.9	62.0	49.7
11AM-NOON	2431	0.0	3000	2431	0	0.36	0	67.7	61.4	48.5
NOON-1PM	2701	0.0	3000	2701	0	0.53	0	67.4	58.4	42.4
1-2 PM	2858	0.0	2999	2858	0	0.64	0	67.2	56.8	39.6
2-3 PM	3253	0.0	2999	3253	0	2.11	89	66.7	41.7	37.3
3-4 PM	4046	0.0	3000	3475	571	11.62+	650	63.2	15.6	37.3
4-5 PM	4437	0.0	3000	3048	1389	15.29+	824	60.5	12.9	37.3
5-6 PM	4343	0.0	3000	3029	1314	15.31+	822	61.2	12.9	37.3
6-7 PM	3013	0.0	3000	2857	156	14.78+	775	67.0	13.2	37.3
7-8 PM	1940	0.0	2999	1940	0	2.84	242	68.3	37.4	46.3
8-9 PM	1502	0.0	3000	1502	0	0.34	0	68.9	62.5	49.7
9-10 PM	1236	0.0	3000	1236	0	0.35	0	69.2	62.8	49.7
10-11 PM	987	0.0	3000	987	0	0.35	0	69.5	63.0	49.7
11PM-MID	715	0.0	3000	715	0	0.36	0	69.9	63.2	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

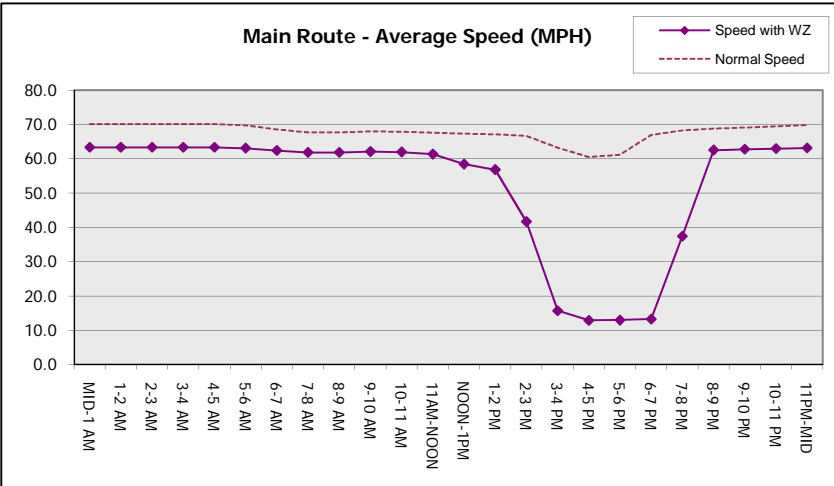
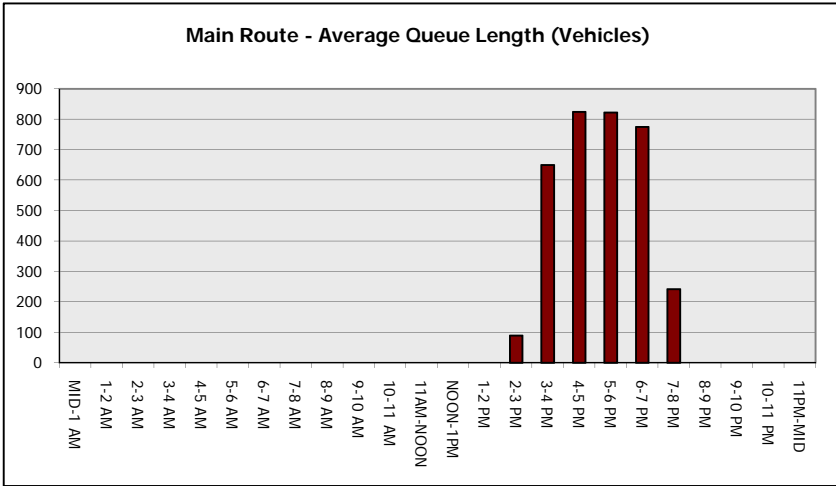
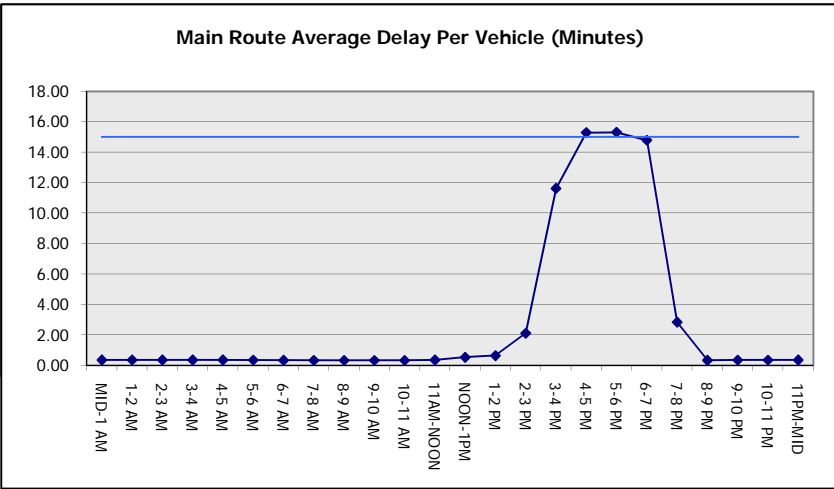
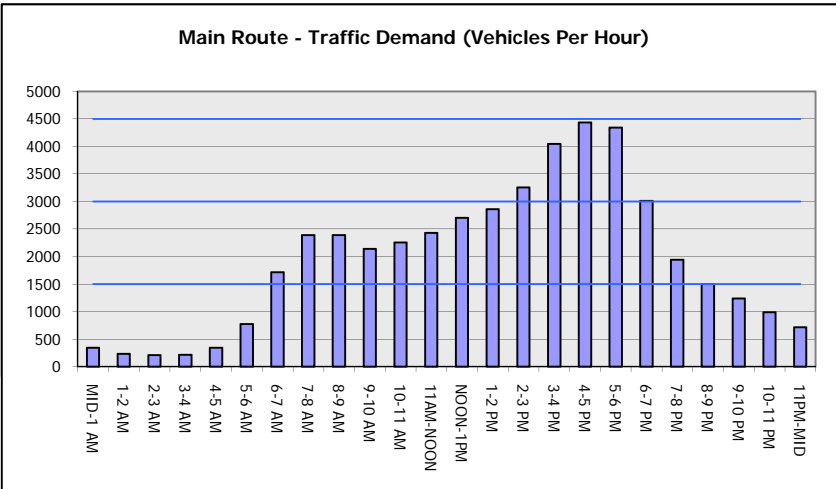
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0289
MAIN ROUTE WITH WORKS	0.0239
'DIVERSION'	0.0049
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$56,107
CONGESTED HOURS PER DAY*	4

*Delays Exceeding User-Specified Maximum

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY 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

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	261	0.0	3000	261	0	0.36	0	70.2	63.3	49.7
1-2 AM	191	0.0	3000	191	0	0.36	0	70.2	63.3	49.7
2-3 AM	220	0.0	3000	220	0	0.36	0	70.2	63.3	49.7
3-4 AM	210	0.0	3000	210	0	0.36	0	70.2	63.3	49.7
4-5 AM	373	0.0	3000	373	0	0.36	0	70.2	63.3	49.7
5-6 AM	1298	0.0	3000	1298	0	0.35	0	69.1	62.7	49.7
6-7 AM	2707	0.0	2999	2707	0	0.53	0	67.4	58.5	43.1
7-8 AM	3648	0.0	3000	3648	0	5.60	320	66.0	25.6	37.3
8-9 AM	2831	0.0	2999	2831	0	11.76	610	67.2	15.3	37.3
9-10 AM	2134	0.0	2999	2134	0	2.02	150	68.1	42.9	46.6
10-11 AM	1931	0.0	3000	1931	0	0.34	0	68.3	62.2	49.7
11AM-NOON	2089	0.0	3000	2089	0	0.33	0	68.1	62.1	49.7
NOON-1PM	2098	0.0	3000	2098	0	0.33	0	68.1	62.1	49.7
1-2 PM	2251	0.0	3000	2251	0	0.33	0	67.9	62.0	49.7
2-3 PM	2634	0.0	3000	2634	0	0.49	0	67.4	59.1	43.8
3-4 PM	2850	0.0	3000	2850	0	0.63	0	67.2	56.9	39.7
4-5 PM	2836	0.0	2999	2836	0	0.62	0	67.2	57.0	39.9
5-6 PM	3023	0.0	2999	3023	0	1.17	24	67.0	50.1	37.3
6-7 PM	2414	0.0	3000	2414	0	0.40	0	67.8	60.7	47.4
7-8 PM	1798	0.0	3000	1798	0	0.34	0	68.5	62.3	49.7
8-9 PM	1447	0.0	3000	1447	0	0.34	0	68.9	62.6	49.7
9-10 PM	1148	0.0	3000	1148	0	0.35	0	69.3	62.8	49.7
10-11 PM	1004	0.0	3000	1004	0	0.35	0	69.5	62.9	49.7
11PM-MID	634	0.0	3000	634	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	0.0261
MAIN ROUTE WITH WORKS	0.0233
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$16,854
CONGESTED HOURS PER DAY*	0

*Delays Exceeding User-Specified Maximum

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FRIDAY EASTBOUND DIRECTION

