

IH 43: STH 164 TO CTH Y (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH Y - NATIONAL AVE - STH 164	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY SOUTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH								
	MAIN ROUTE		ALTERNATE ROUTE		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		ALTERNATE ROUTE		
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN	SITE	WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	267	0.0	32	0.0	1500	267	0	32	0.45	0	65.9	57.6	44.4	24.6	24.6
1-2 AM	170	0.0	21	0.0	1500	170	0	21	0.44	0	66.1	57.8	44.8	24.7	24.7
2-3 AM	134	0.0	16	0.0	1500	134	0	16	0.44	0	66.1	57.9	45.0	24.7	24.7
3-4 AM	87	0.0	10	0.0	1500	87	0	10	0.43	0	66.2	58.1	45.1	24.8	24.8
4-5 AM	91	0.0	10	0.0	1500	91	0	10	0.43	0	66.2	58.1	45.1	24.8	24.8
5-6 AM	146	0.0	18	0.0	1500	146	0	18	0.44	0	66.1	57.9	44.9	24.7	24.7
6-7 AM	345	0.0	42	0.0	1500	345	0	42	0.46	0	65.8	57.3	44.1	24.5	24.5
7-8 AM	490	0.0	60	0.0	1500	490	0	60	0.47	0	65.5	56.9	43.5	24.4	24.4
8-9 AM	696	0.0	84	0.0	1500	696	0	84	0.49	0	65.1	56.3	42.8	24.2	24.2
9-10 AM	857	0.0	104	0.0	1500	857	0	104	0.51	0	64.8	55.8	42.2	24.0	24.0
10-11 AM	1073	0.0	130	0.0	1500	1073	0	130	0.53	0	64.4	55.2	41.4	23.8	23.8
11A-NOON	1263	0.0	153	0.0	1500	1263	0	153	0.72	0	64.0	52.2	36.5	23.7	23.7
NOON-1PM	1419	0.0	172	0.0	1500	1419	0	172	0.92	0	63.7	49.5	32.5	23.5	23.5
1-2 PM	1438	0.0	174	0.0	1500	1438	0	174	0.94	0	63.7	49.2	32.1	23.5	23.5
2-3 PM	1424	0.0	172	0.0	1500	1424	0	172	0.93	0	63.7	49.4	32.4	23.5	23.5
3-4 PM	1477	0.0	178	0.0	1499	1477	0	178	0.99	0	63.7	48.6	31.2	23.5	23.5
4-5 PM	1533	0.0	185	0.0	1499	1533	0	185	1.80	21	63.5	40.7	30.8	23.4	23.4
5-6 PM	1318	0.0	159	0.0	1500	1317	0	159	0.92	4	63.9	49.6	34.9	23.6	23.6
6-7 PM	1137	0.0	137	0.0	1500	1137	0	137	0.56	0	64.3	54.7	40.6	23.8	23.8
7-8 PM	946	0.0	114	0.0	1500	946	0	114	0.51	0	64.6	55.6	41.9	24.0	24.0
8-9 PM	729	0.0	88	0.0	1500	729	0	88	0.49	0	65.0	56.2	42.7	24.2	24.2
9-10 PM	520	0.0	63	0.0	1500	520	0	63	0.47	0	65.4	56.8	43.4	24.3	24.3
10-11 PM	365	0.0	44	0.0	1500	365	0	44	0.46	0	65.7	57.3	44.0	24.5	24.5
11PM-MID	265	0.0	31	0.0	1500	265	0	31	0.45	0	65.9	57.6	44.4	24.6	24.6

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0098
MAIN ROUTE WITH WORKS	0.0086
DIVERSION	0.0124

PIA: Personal Injury Accidents

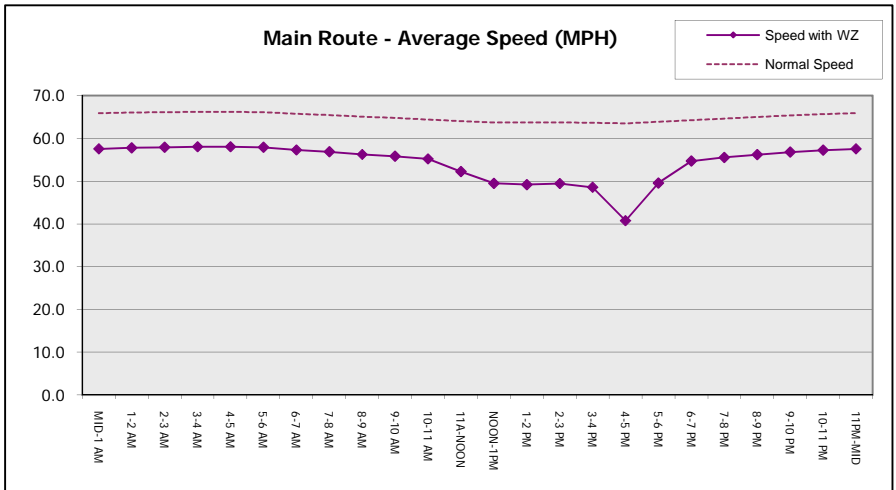
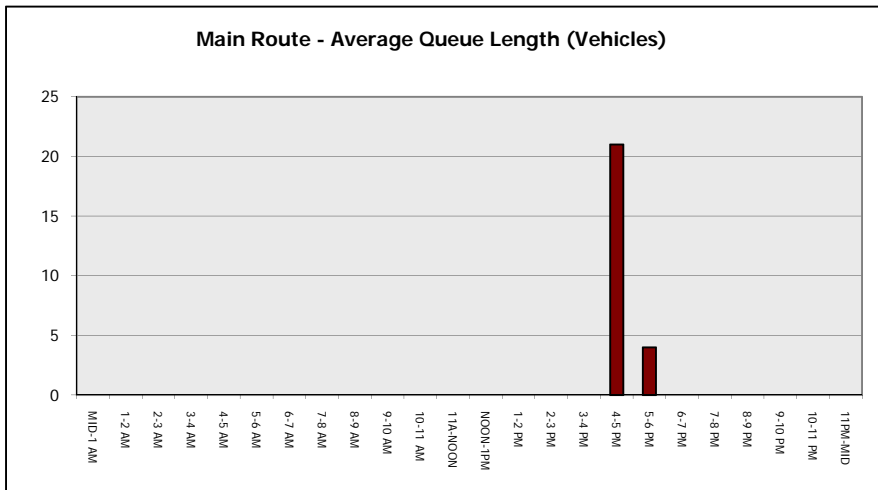
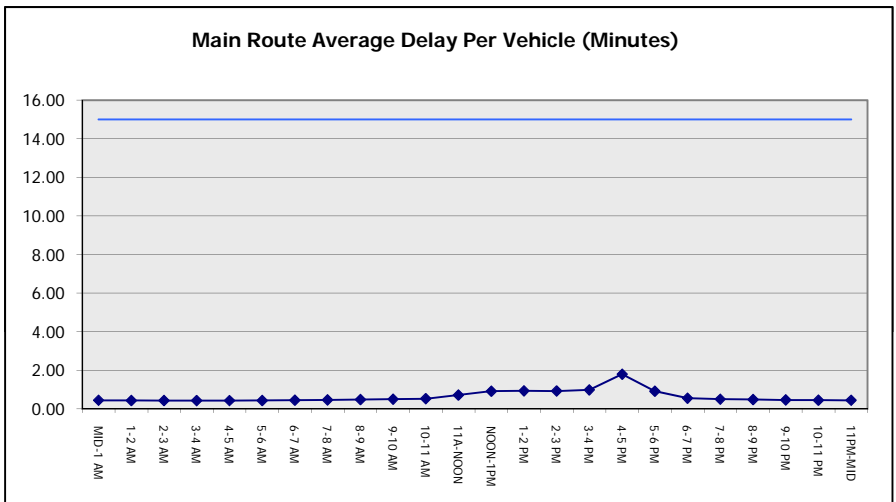
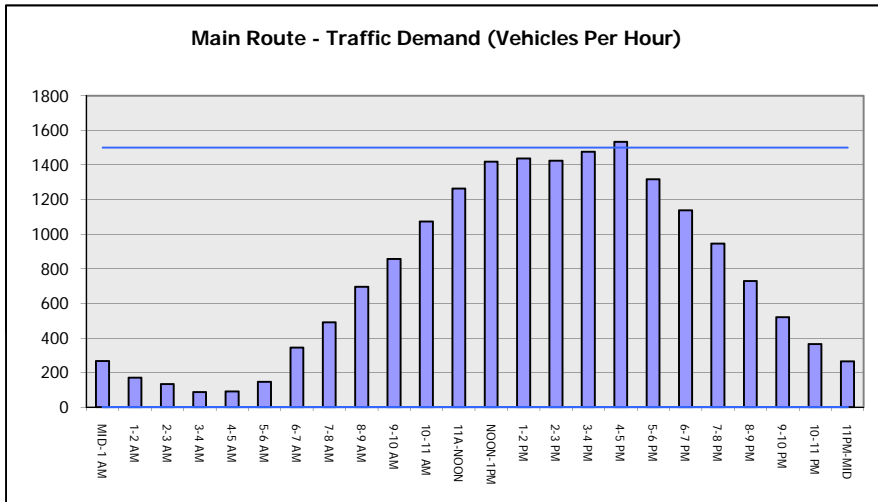
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,828
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**IH 43: STH 164 TO CTH Y (WAUKESHA COUNTY)
 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: CTH Y - NATIONAL AVE - STH 164**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY SOUTHBOUND DIRECTION



IH 43: STH 164 TO CTH Y (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH Y - NATIONAL AVE - STH 164	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR								AVERAGE SPEEDS IN MPH						
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	TOTAL DIVN FLOW	AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE	ALTERNATE ROUTE	
	DEMAND FLOW	PCT HEAVY	NORMAL FLOW	PCT HEAVY							WITHOUT WORK ZN	WITH WORK ZN		WITHOUT WORK ZN	WITH WORK ZN
MID-1 AM	169	0.0	20	0.0	1500	169	0	20	0.44	0	66.1	57.8	44.8	24.7	24.7
1-2 AM	120	0.0	15	0.0	1500	120	0	15	0.43	0	66.1	58.0	45.0	24.7	24.7
2-3 AM	95	0.0	12	0.0	1500	95	0	12	0.43	0	66.2	58.1	45.1	24.8	24.8
3-4 AM	78	0.0	9	0.0	1500	78	0	9	0.43	0	66.3	58.1	45.2	24.8	24.8
4-5 AM	99	0.0	12	0.0	1500	99	0	12	0.43	0	66.2	58.1	45.1	24.8	24.8
5-6 AM	200	0.0	24	0.0	1500	200	0	24	0.44	0	66.0	57.8	44.7	24.7	24.7
6-7 AM	280	0.0	33	0.0	1500	280	0	33	0.45	0	65.9	57.5	44.3	24.6	24.6
7-8 AM	427	0.0	51	0.0	1500	427	0	51	0.46	0	65.6	57.1	43.8	24.5	24.5
8-9 AM	627	0.0	75	0.0	1500	627	0	75	0.48	0	65.2	56.5	43.0	24.3	24.3
9-10 AM	980	0.0	118	0.0	1500	980	0	118	0.52	0	64.6	55.5	41.7	23.9	23.9
10-11 AM	1316	0.0	159	0.0	1499	1316	0	159	0.79	0	64.0	51.3	35.1	23.6	23.6
11A-NOON	1519	0.0	183	0.0	1499	1519	0	183	1.19	4	63.5	46.3	30.8	23.4	23.4
NOON-1PM	1472	0.0	178	0.0	1499	1472	0	178	1.34	9	63.7	44.8	31.2	23.5	23.5
1-2 PM	1411	0.0	171	0.0	1500	1411	0	171	0.91	0	63.8	49.6	32.7	23.5	23.5
2-3 PM	1398	0.0	169	0.0	1500	1398	0	169	0.89	0	63.8	49.9	33.0	23.5	23.5
3-4 PM	1343	0.0	162	0.0	1500	1343	0	162	0.82	0	63.9	50.8	34.3	23.6	23.6
4-5 PM	1397	0.0	169	0.0	1500	1397	0	169	0.89	0	63.8	49.9	33.0	23.5	23.5
5-6 PM	1277	0.0	154	0.0	1500	1277	0	154	0.74	0	64.0	52.0	36.1	23.7	23.7
6-7 PM	1226	0.0	148	0.0	1500	1226	0	148	0.67	0	64.1	53.0	37.6	23.7	23.7
7-8 PM	1069	0.0	129	0.0	1500	1069	0	129	0.53	0	64.4	55.2	41.4	23.8	23.8
8-9 PM	829	0.0	100	0.0	1500	829	0	100	0.50	0	64.8	55.9	42.3	24.1	24.1
9-10 PM	603	0.0	73	0.0	1500	603	0	73	0.48	0	65.3	56.6	43.1	24.3	24.3
10-11 PM	378	0.0	46	0.0	1500	378	0	46	0.46	0	65.7	57.2	44.0	24.5	24.5
11PM-MID	202	0.0	24	0.0	1500	202	0	24	0.44	0	66.0	57.8	44.6	24.7	24.7

----- SITE BREAKDOWN DELAYS -----	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

----- SITE ACCIDENT DELAYS -----	
ACCIDENT DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN	0.0
(VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN	0.0
(VEH-H) MAX	0.0
AV ACCIDENTS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV DIVN DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0100
MAIN ROUTE WITH WORKS	0.0088
DIVERSION	0.0126

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,826
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: CTH Y - NATIONAL AVE - STH 164**

MAY
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY NORTHBOUND DIRECTION

