

<b>IH 43: STH 164 TO CTH Y (WAUKESHA COUNTY)                  CONTINUOUS (24 HOUR) CLOSURE                  DIVERSION ROUTE: CTH Y - NATIONAL AVE - STH 164</b>	<b>OCTOBER</b>
	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	332	0.0	40	0.0	1500	332	0	40	0.45	0	65.8	57.4	44.2	24.5	24.5
1-2 AM	187	0.0	23	0.0	1500	187	0	23	0.44	0	66.0	57.8	44.7	24.7	24.7
2-3 AM	159	0.0	19	0.0	1500	159	0	19	0.44	0	66.1	57.9	44.8	24.7	24.7
3-4 AM	94	0.0	12	0.0	1500	94	0	12	0.43	0	66.2	58.1	45.1	24.8	24.8
4-5 AM	78	0.0	9	0.0	1500	78	0	9	0.43	0	66.3	58.1	45.2	24.8	24.8
5-6 AM	138	0.0	17	0.0	1500	138	0	17	0.44	0	66.1	57.9	45.0	24.7	24.7
6-7 AM	274	0.0	33	0.0	1500	274	0	33	0.45	0	65.9	57.5	44.4	24.6	24.6
7-8 AM	383	0.0	46	0.0	1500	383	0	46	0.46	0	65.7	57.2	44.0	24.5	24.5
8-9 AM	571	0.0	69	0.0	1500	571	0	69	0.48	0	65.3	56.6	43.2	24.3	24.3
9-10 AM	784	0.0	94	0.0	1500	784	0	94	0.50	0	64.9	56.0	42.5	24.1	24.1
10-11 AM	1040	0.0	126	0.0	1500	1040	0	126	0.52	0	64.5	55.3	41.5	23.8	23.8
11A-NOON	1313	0.0	159	0.0	1500	1313	0	159	0.78	0	64.0	51.3	35.1	23.6	23.6
NOON-1PM	1408	0.0	169	0.0	1500	1408	0	169	0.91	0	63.8	49.7	32.8	23.5	23.5
1-2 PM	1372	0.0	165	0.0	1500	1372	0	165	0.86	0	63.8	50.3	33.7	23.6	23.6
2-3 PM	1411	0.0	171	0.0	1500	1411	0	171	0.91	0	63.8	49.6	32.7	23.5	23.5
3-4 PM	1442	0.0	174	0.0	1500	1442	0	174	0.95	0	63.7	49.1	32.0	23.5	23.5
4-5 PM	1345	0.0	162	0.0	1500	1345	0	162	0.82	0	63.9	50.7	34.3	23.6	23.6
5-6 PM	1213	0.0	146	0.0	1500	1213	0	146	0.65	0	64.1	53.2	38.1	23.7	23.7
6-7 PM	1093	0.0	132	0.0	1500	1093	0	132	0.53	0	64.3	55.1	41.4	23.8	23.8
7-8 PM	933	0.0	113	0.0	1500	933	0	113	0.51	0	64.6	55.6	41.9	24.0	24.0
8-9 PM	632	0.0	76	0.0	1500	632	0	76	0.48	0	65.2	56.4	43.0	24.3	24.3
9-10 PM	483	0.0	59	0.0	1500	483	0	59	0.47	0	65.5	56.9	43.6	24.4	24.4
10-11 PM	315	0.0	38	0.0	1500	315	0	38	0.45	0	65.8	57.4	44.2	24.5	24.5
11PM-MID	235	0.0	28	0.0	1500	235	0	28	0.45	0	66.0	57.6	44.5	24.7	24.7

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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 (VEH-H) MAX	0.0
RANGE OF DIVN DELAY - MIN (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	0.0093
MAIN ROUTE WITH WORKS	0.0082
DIVERSION	0.0117

PIA: Personal Injury Accidents

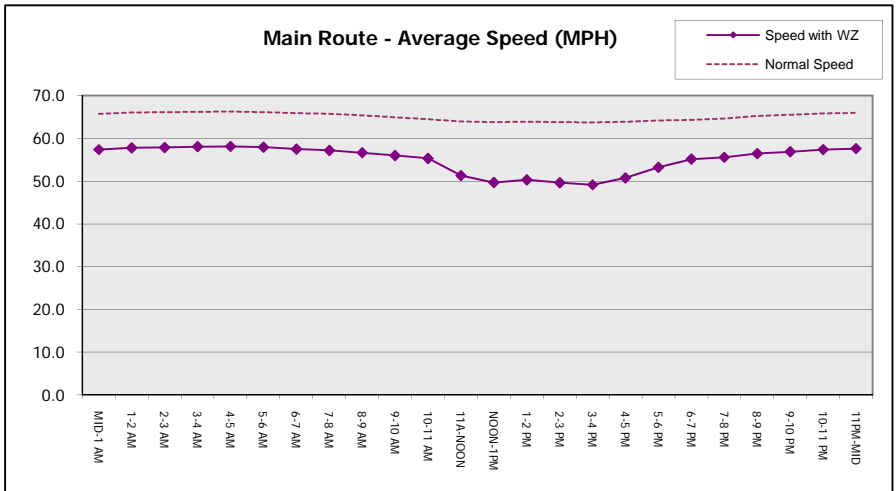
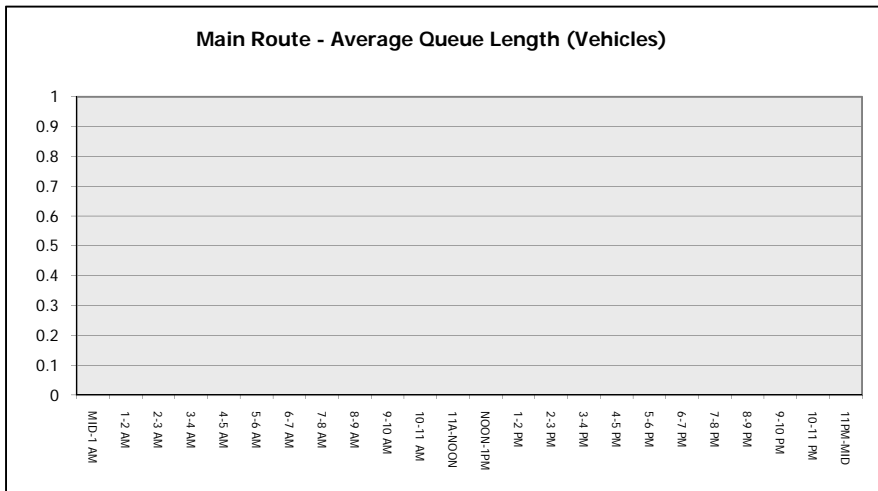
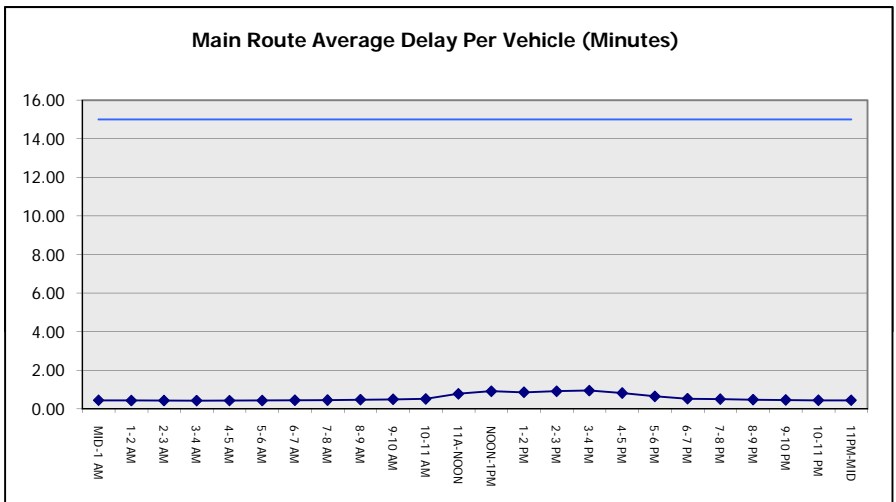
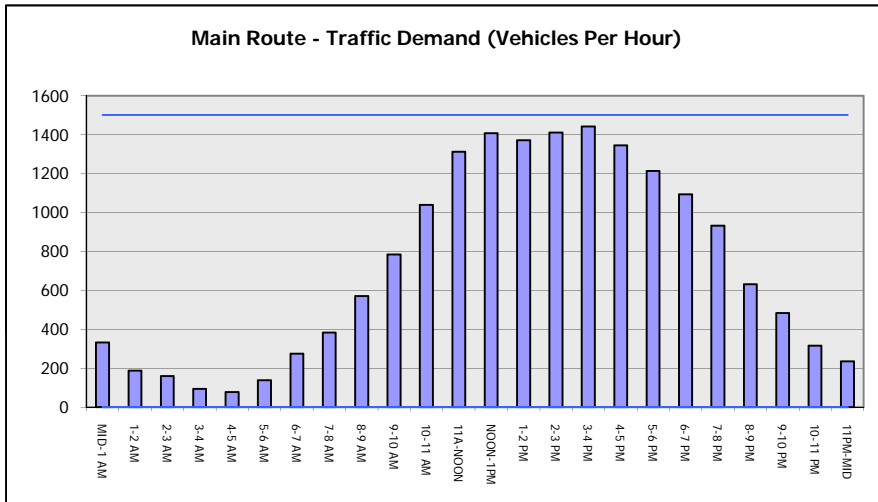
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$3,106
CONGESTED HOURS PER DAY*	0

\*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**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY SOUTHBOUND DIRECTION**



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

**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	230	0.0	27	0.0	1500	230	0	27	0.44	0	66.0	57.6	44.6	24.7	24.7
1-2 AM	128	0.0	16	0.0	1500	128	0	16	0.43	0	66.1	57.9	45.0	24.7	24.7
2-3 AM	104	0.0	13	0.0	1500	104	0	13	0.43	0	66.2	58.1	45.1	24.7	24.7
3-4 AM	95	0.0	12	0.0	1500	95	0	12	0.43	0	66.2	58.1	45.1	24.8	24.8
4-5 AM	114	0.0	14	0.0	1500	114	0	14	0.43	0	66.2	58.0	45.0	24.7	24.7
5-6 AM	211	0.0	25	0.0	1500	211	0	25	0.44	0	66.0	57.7	44.6	24.7	24.7
6-7 AM	294	0.0	36	0.0	1500	294	0	36	0.45	0	65.8	57.4	44.3	24.6	24.6
7-8 AM	412	0.0	49	0.0	1500	412	0	49	0.46	0	65.6	57.1	43.8	24.5	24.5
8-9 AM	626	0.0	75	0.0	1500	626	0	75	0.48	0	65.2	56.5	43.0	24.3	24.3
9-10 AM	896	0.0	108	0.0	1500	896	0	108	0.51	0	64.7	55.7	42.0	24.0	24.0
10-11 AM	1107	0.0	134	0.0	1500	1107	0	134	0.53	0	64.3	55.1	41.3	23.8	23.8
11A-NOON	1326	0.0	160	0.0	1500	1326	0	160	0.80	0	63.9	51.1	34.8	23.6	23.6
NOON-1PM	1426	0.0	172	0.0	1500	1426	0	172	0.93	0	63.7	49.4	32.4	23.5	23.5
1-2 PM	1329	0.0	160	0.0	1500	1329	0	160	0.80	0	63.9	51.0	34.7	23.6	23.6
2-3 PM	1325	0.0	160	0.0	1500	1325	0	160	0.80	0	63.9	51.1	34.8	23.6	23.6
3-4 PM	1376	0.0	166	0.0	1500	1376	0	166	0.86	0	63.8	50.2	33.5	23.5	23.5
4-5 PM	1353	0.0	163	0.0	1500	1353	0	163	0.83	0	63.8	50.6	34.2	23.6	23.6
5-6 PM	1229	0.0	149	0.0	1500	1229	0	149	0.67	0	64.1	52.9	37.6	23.7	23.7
6-7 PM	1169	0.0	141	0.0	1500	1169	0	141	0.60	0	64.2	54.0	39.4	23.8	23.8
7-8 PM	872	0.0	106	0.0	1500	872	0	106	0.51	0	64.8	55.8	42.1	24.0	24.0
8-9 PM	637	0.0	77	0.0	1500	637	0	77	0.48	0	65.2	56.4	43.0	24.2	24.2
9-10 PM	469	0.0	56	0.0	1500	469	0	56	0.47	0	65.5	56.9	43.6	24.4	24.4
10-11 PM	317	0.0	39	0.0	1500	317	0	39	0.45	0	65.8	57.4	44.2	24.5	24.5
11PM-MID	173	0.0	21	0.0	1500	173	0	21	0.44	0	66.1	57.8	44.8	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	0.0093
MAIN ROUTE WITH WORKS	0.0082
DIVERSION	0.0117

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$3,047
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**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY NORTHBOUND DIRECTION**

