

IH 43: STH 164 TO CTH Y (WAUKESHA COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH Y - NATIONAL AVE - STH 164	AUGUST
	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	418	0.0	50	0.0	1500	418	0	50	0.46	0	65.6	57.1	43.8	24.5	24.5
1-2 AM	267	0.0	32	0.0	1500	267	0	32	0.45	0	65.9	57.6	44.4	24.6	24.6
2-3 AM	160	0.0	19	0.0	1500	160	0	19	0.44	0	66.1	57.9	44.8	24.7	24.7
3-4 AM	93	0.0	12	0.0	1500	93	0	12	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	168	0.0	20	0.0	1500	168	0	20	0.44	0	66.1	57.8	44.8	24.7	24.7
6-7 AM	343	0.0	42	0.0	1500	343	0	42	0.46	0	65.8	57.3	44.1	24.5	24.5
7-8 AM	451	0.0	54	0.0	1500	451	0	54	0.47	0	65.5	57.0	43.7	24.4	24.4
8-9 AM	657	0.0	80	0.0	1500	657	0	80	0.49	0	65.1	56.4	42.9	24.2	24.2
9-10 AM	876	0.0	106	0.0	1500	876	0	106	0.51	0	64.8	55.8	42.1	24.0	24.0
10-11 AM	1108	0.0	134	0.0	1500	1108	0	134	0.53	0	64.3	55.1	41.3	23.8	23.8
11A-NOON	1329	0.0	160	0.0	1500	1329	0	160	0.80	0	63.9	51.0	34.7	23.6	23.6
NOON-1PM	1460	0.0	176	0.0	1499	1460	0	176	0.97	0	63.7	48.8	31.7	23.5	23.5
1-2 PM	1566	0.0	189	0.0	1499	1566	0	189	1.95	27	63.5	39.4	30.8	23.4	23.4
2-3 PM	1643	0.0	198	0.0	1500	1643	0	198	5.72	132	63.3	22.8	30.8	23.3	23.3
3-4 PM	1710	0.0	206	0.0	1499	1536	174	380	9.89	239	63.2	15.5	30.8	23.3	21.9
4-5 PM	1677	0.0	202	0.0	1499	1492	185	387	9.93	240	63.3	15.5	30.8	23.3	21.9
5-6 PM	1546	0.0	186	0.0	1500	1479	67	254	9.36	224	63.5	16.2	30.8	23.4	22.9
6-7 PM	1256	0.0	152	0.0	1499	1256	0	152	4.07	111	64.0	28.1	33.5	23.7	23.7
7-8 PM	1007	0.0	121	0.0	1500	1007	0	121	0.52	0	64.5	55.4	41.7	23.9	23.9
8-9 PM	816	0.0	98	0.0	1500	816	0	98	0.50	0	64.9	56.0	42.4	24.1	24.1
9-10 PM	623	0.0	75	0.0	1500	623	0	75	0.48	0	65.2	56.5	43.0	24.3	24.3
10-11 PM	452	0.0	54	0.0	1500	452	0	54	0.47	0	65.5	57.0	43.7	24.4	24.4
11PM-MID	304	0.0	37	0.0	1500	304	0	37	0.45	0	65.8	57.4	44.3	24.5	24.5

----- 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	0.0108
MAIN ROUTE WITH WORKS	0.0093
DIVERSION	0.0160

PIA: Personal Injury Accidents

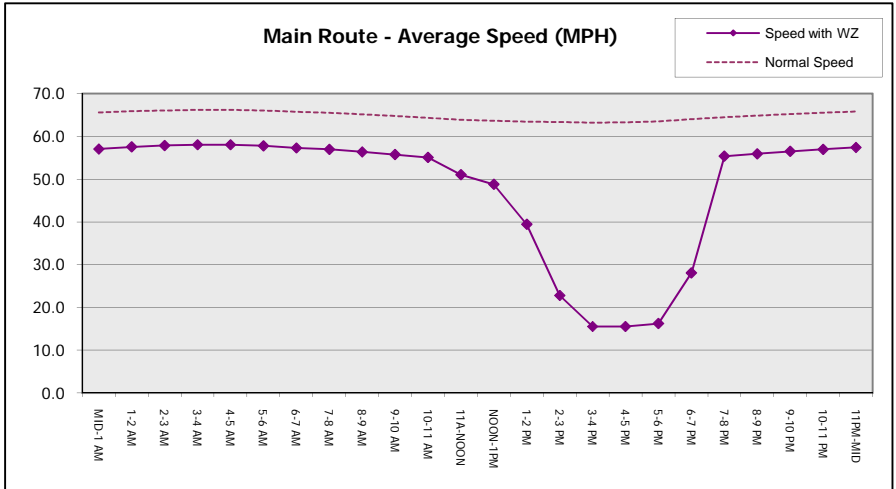
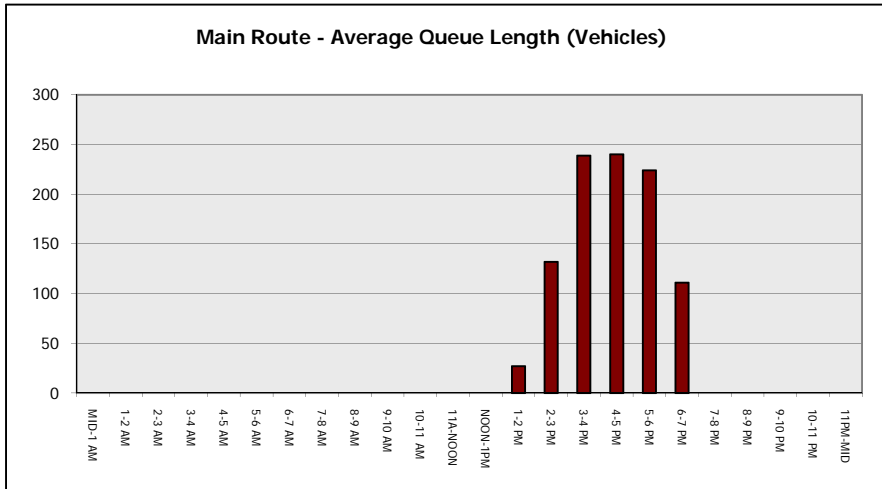
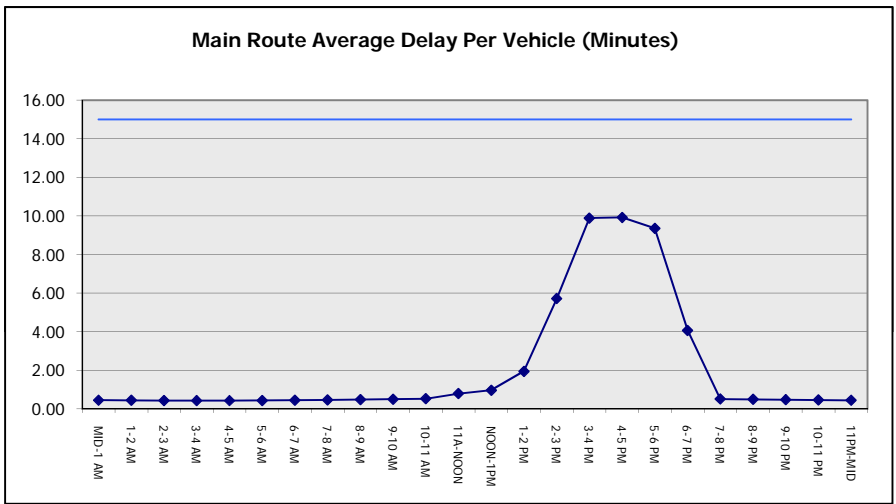
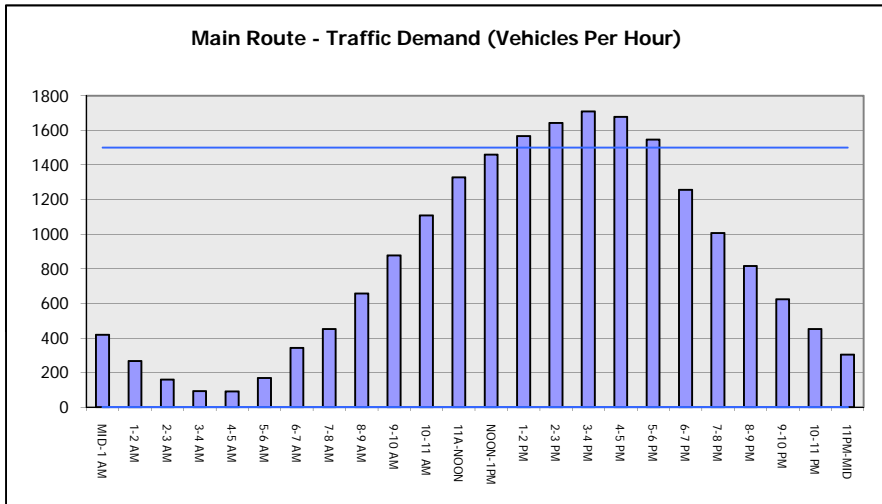
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$20,386
CONGESTED HOURS PER DAY*	0

*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**

AUGUST
 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	AUGUST
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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	373	0.0	45	0.0	1500	373	0	45	0.46	0	65.7	57.3	44.0	24.5	24.5
1-2 AM	326	0.0	40	0.0	1500	326	0	40	0.45	0	65.8	57.4	44.2	24.5	24.5
2-3 AM	177	0.0	21	0.0	1500	177	0	21	0.44	0	66.1	57.8	44.8	24.7	24.7
3-4 AM	104	0.0	13	0.0	1500	104	0	13	0.43	0	66.2	58.1	45.1	24.7	24.7
4-5 AM	117	0.0	15	0.0	1500	117	0	15	0.43	0	66.1	58.0	45.0	24.7	24.7
5-6 AM	196	0.0	24	0.0	1500	196	0	24	0.44	0	66.0	57.8	44.7	24.7	24.7
6-7 AM	284	0.0	35	0.0	1500	284	0	35	0.45	0	65.8	57.5	44.3	24.6	24.6
7-8 AM	409	0.0	49	0.0	1500	409	0	49	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	1010	0.0	121	0.0	1499	1010	0	121	0.52	0	64.5	55.4	41.7	23.9	23.9
10-11 AM	1435	0.0	173	0.0	1499	1435	0	173	0.96	0	63.7	49.0	32.3	23.5	23.5
11A-NOON	1578	0.0	191	0.0	1500	1578	0	191	2.33	37	63.5	36.8	30.8	23.3	23.3
NOON-1PM	1566	0.0	189	0.0	1499	1566	0	189	5.30	116	63.5	24.0	30.8	23.4	23.4
1-2 PM	1486	0.0	179	0.0	1499	1486	0	179	6.40	144	63.6	21.2	30.8	23.5	23.5
2-3 PM	1403	0.0	170	0.0	1499	1403	0	170	4.18	88	63.8	27.6	31.1	23.5	23.5
3-4 PM	1347	0.0	162	0.0	1500	1347	0	162	0.98	4	63.9	48.9	34.0	23.6	23.6
4-5 PM	1363	0.0	164	0.0	1500	1363	0	164	0.85	0	63.8	50.4	33.8	23.6	23.6
5-6 PM	1282	0.0	155	0.0	1500	1282	0	155	0.74	0	64.0	51.9	36.0	23.7	23.7
6-7 PM	1190	0.0	143	0.0	1500	1190	0	143	0.62	0	64.1	53.7	38.8	23.7	23.7
7-8 PM	1027	0.0	124	0.0	1500	1027	0	124	0.52	0	64.5	55.3	41.6	23.9	23.9
8-9 PM	874	0.0	106	0.0	1500	874	0	106	0.51	0	64.8	55.8	42.1	24.0	24.0
9-10 PM	640	0.0	77	0.0	1500	640	0	77	0.48	0	65.2	56.4	43.0	24.2	24.2
10-11 PM	538	0.0	65	0.0	1500	538	0	65	0.47	0	65.4	56.8	43.3	24.3	24.3
11PM-MID	509	0.0	62	0.0	1500	509	0	62	0.47	0	65.5	56.8	43.5	24.3	24.3

----- 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	0.0107
MAIN ROUTE WITH WORKS	0.0094
DIVERSION	0.0135

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$10,316
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**

AUGUST
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY NORTHBOUND DIRECTION

