

<b>IH 43: CTH X TO STH 50 (WALWORTH COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH X - STH 96 - USH 45</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	73	0.0	44	0.0	1500	73	0	44	0.43	0	66.3	57.4	45.2	21.8	21.8
1-2 AM	58	0.0	35	0.0	1500	58	0	35	0.43	0	66.3	57.5	45.3	22.0	22.0
2-3 AM	61	0.0	38	0.0	1500	61	0	38	0.43	0	66.3	57.5	45.3	22.0	22.0
3-4 AM	65	0.0	40	0.0	1500	65	0	40	0.43	0	66.3	57.5	45.2	21.9	21.9
4-5 AM	138	0.0	84	0.0	1500	138	0	84	0.44	0	66.1	57.3	45.0	20.7	20.7
5-6 AM	308	0.0	186	0.0	1500	308	0	186	0.45	0	65.8	56.7	44.3	18.1	18.1
6-7 AM	550	0.0	333	0.0	1500	550	0	333	0.48	0	65.4	56.0	43.3	14.2	14.2
7-8 AM	570	0.0	344	0.0	1500	570	0	344	0.48	0	65.3	56.0	43.2	13.9	13.9
8-9 AM	518	0.0	314	0.0	1500	518	0	314	0.47	0	65.4	56.1	43.4	14.7	14.7
9-10 AM	531	0.0	321	0.0	1500	531	0	321	0.47	0	65.4	56.1	43.4	14.5	14.5
10-11 AM	532	0.0	322	0.0	1500	532	0	322	0.47	0	65.4	56.1	43.4	14.5	14.5
11A-NOON	543	0.0	329	0.0	1500	543	0	329	0.48	0	65.4	56.0	43.3	14.3	14.3
NOON-1PM	568	0.0	344	0.0	1500	568	0	344	0.48	0	65.3	56.0	43.2	13.9	13.9
1-2 PM	589	0.0	357	0.0	1500	589	0	357	0.48	0	65.3	55.9	43.2	13.5	13.5
2-3 PM	675	0.0	408	0.0	1500	675	0	408	0.49	0	65.1	55.6	42.8	12.3	12.3
3-4 PM	798	0.0	482	0.0	1500	798	0	482	0.50	0	64.9	55.3	42.4	11.3	11.3
4-5 PM	890	0.0	539	0.0	1500	890	0	539	0.51	0	64.7	55.0	42.0	10.6	10.6
5-6 PM	701	0.0	424	0.0	1500	701	0	424	0.49	0	65.1	55.5	42.7	12.1	12.1
6-7 PM	483	0.0	292	0.0	1500	483	0	292	0.47	0	65.5	56.2	43.6	15.3	15.3
7-8 PM	335	0.0	202	0.0	1500	335	0	202	0.45	0	65.8	56.6	44.2	17.6	17.6
8-9 PM	276	0.0	167	0.0	1500	276	0	167	0.45	0	65.9	56.8	44.4	18.6	18.6
9-10 PM	231	0.0	140	0.0	1500	231	0	140	0.44	0	66.0	56.9	44.6	19.3	19.3
10-11 PM	159	0.0	96	0.0	1500	159	0	96	0.44	0	66.1	57.2	44.8	20.4	20.4
11PM-MID	129	0.0	77	0.0	1500	129	0	77	0.43	0	66.1	57.3	45.0	20.9	20.9

*----- 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	0.0048
MAIN ROUTE WITH WORKS	0.0042
DIVERSION	0.0227

PIA: Personal Injury Accidents

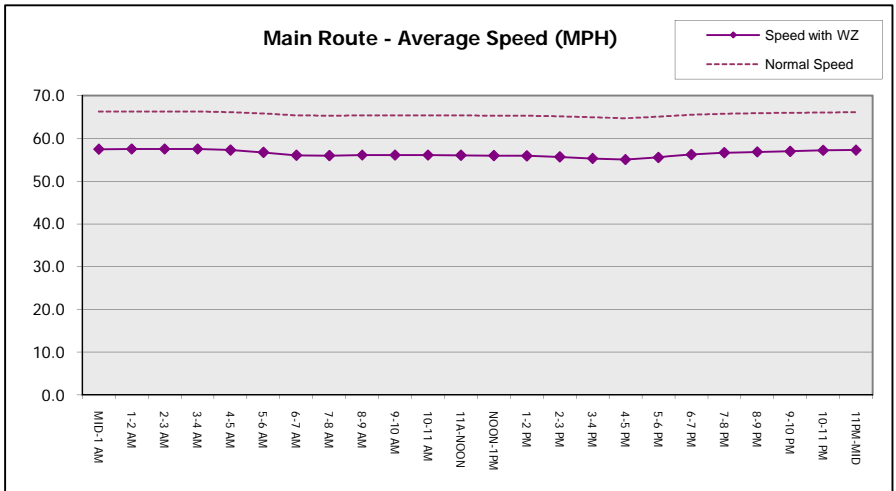
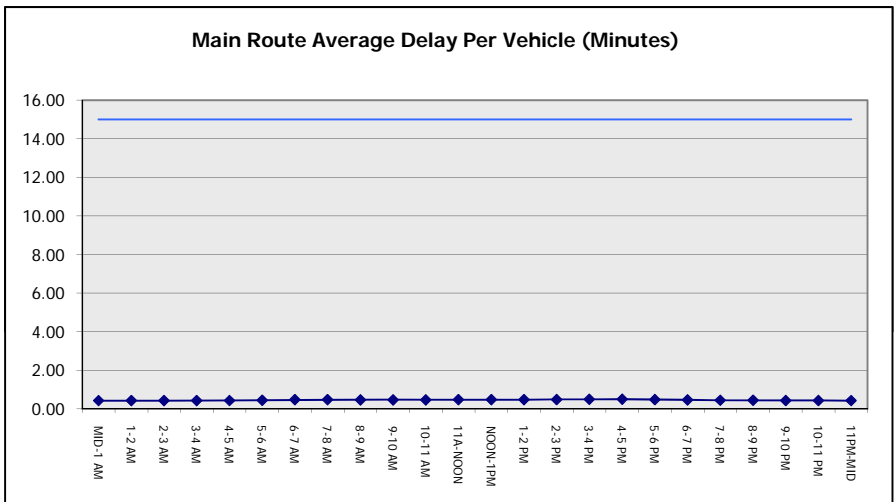
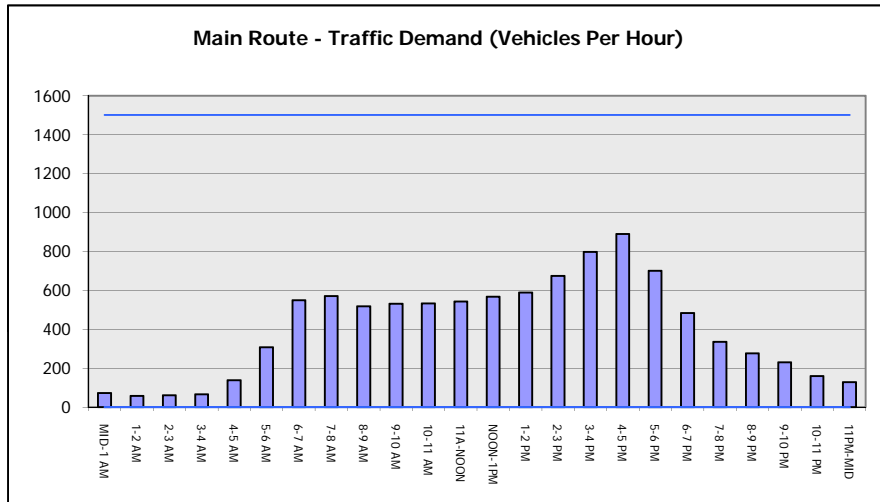
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$918
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH X - STH 96 - USH 45**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR SOUTHBOUND DIRECTION**



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	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

MON-THUR                      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	62	0.0	38	0.0	1500	62	0	38	0.43	0	66.3	57.5	45.3	22.0	22.0
1-2 AM	55	0.0	33	0.0	1500	55	0	33	0.43	0	66.3	57.5	45.3	22.1	22.1
2-3 AM	60	0.0	36	0.0	1500	60	0	36	0.43	0	66.3	57.5	45.3	22.0	22.0
3-4 AM	110	0.0	66	0.0	1500	110	0	66	0.43	0	66.2	57.3	45.0	21.2	21.2
4-5 AM	235	0.0	142	0.0	1500	235	0	142	0.45	0	66.0	56.9	44.5	19.3	19.3
5-6 AM	537	0.0	324	0.0	1500	537	0	324	0.47	0	65.4	56.0	43.3	14.4	14.4
6-7 AM	705	0.0	427	0.0	1500	705	0	427	0.49	0	65.1	55.5	42.7	12.0	12.0
7-8 AM	751	0.0	454	0.0	1500	751	0	454	0.50	0	65.0	55.4	42.6	11.7	11.7
8-9 AM	586	0.0	355	0.0	1500	586	0	355	0.48	0	65.3	55.9	43.2	13.6	13.6
9-10 AM	502	0.0	304	0.0	1500	502	0	304	0.47	0	65.5	56.1	43.5	15.0	15.0
10-11 AM	495	0.0	299	0.0	1500	495	0	299	0.47	0	65.5	56.1	43.5	15.1	15.1
11A-NOON	505	0.0	306	0.0	1500	505	0	306	0.47	0	65.5	56.1	43.5	14.9	14.9
NOON-1PM	526	0.0	318	0.0	1500	526	0	318	0.47	0	65.4	56.1	43.4	14.6	14.6
1-2 PM	539	0.0	326	0.0	1500	539	0	326	0.47	0	65.4	56.0	43.3	14.3	14.3
2-3 PM	598	0.0	361	0.0	1500	598	0	361	0.48	0	65.3	55.8	43.2	13.5	13.5
3-4 PM	711	0.0	430	0.0	1500	711	0	430	0.49	0	65.1	55.5	42.7	12.0	12.0
4-5 PM	705	0.0	427	0.0	1500	705	0	427	0.49	0	65.1	55.5	42.7	12.0	12.0
5-6 PM	615	0.0	373	0.0	1500	615	0	373	0.48	0	65.3	55.8	43.1	13.2	13.2
6-7 PM	434	0.0	263	0.0	1500	434	0	263	0.46	0	65.6	56.3	43.8	16.0	16.0
7-8 PM	301	0.0	182	0.0	1500	301	0	182	0.45	0	65.8	56.8	44.3	18.2	18.2
8-9 PM	234	0.0	142	0.0	1500	234	0	142	0.45	0	66.0	56.9	44.5	19.3	19.3
9-10 PM	192	0.0	115	0.0	1500	192	0	115	0.44	0	66.0	57.1	44.7	19.9	19.9
10-11 PM	147	0.0	89	0.0	1500	147	0	89	0.44	0	66.1	57.2	44.9	20.6	20.6
11PM-MID	100	0.0	61	0.0	1500	100	0	61	0.43	0	66.2	57.4	45.1	21.4	21.4

*----- 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	0.0048
MAIN ROUTE WITH WORKS	0.0041
DIVERSION	0.0226

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$906
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH X - STH 96 - USH 45**

**OCTOBER**  
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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR NORTHBOUND DIRECTION**

