

<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**

**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	111	0.0	67	0.0	1500	111	0	67	0.43	0	66.2	57.3	45.0	21.2	21.2
1-2 AM	70	0.0	43	0.0	1500	70	0	43	0.43	0	66.3	57.4	45.2	21.9	21.9
2-3 AM	58	0.0	35	0.0	1500	58	0	35	0.43	0	66.3	57.5	45.3	22.0	22.0
3-4 AM	42	0.0	25	0.0	1500	42	0	25	0.43	0	66.3	57.6	45.3	22.3	22.3
4-5 AM	39	0.0	23	0.0	1500	39	0	23	0.43	0	66.3	57.6	45.3	22.4	22.4
5-6 AM	69	0.0	42	0.0	1500	69	0	42	0.43	0	66.3	57.4	45.2	21.9	21.9
6-7 AM	136	0.0	82	0.0	1500	136	0	82	0.44	0	66.1	57.3	45.0	20.8	20.8
7-8 AM	189	0.0	114	0.0	1500	189	0	114	0.44	0	66.0	57.1	44.7	20.0	20.0
8-9 AM	321	0.0	194	0.0	1500	321	0	194	0.45	0	65.8	56.7	44.2	17.9	17.9
9-10 AM	439	0.0	266	0.0	1500	439	0	266	0.47	0	65.6	56.3	43.7	16.0	16.0
10-11 AM	521	0.0	315	0.0	1500	521	0	315	0.47	0	65.4	56.1	43.4	14.7	14.7
11A-NOON	595	0.0	359	0.0	1500	595	0	359	0.48	0	65.3	55.9	43.2	13.5	13.5
NOON-1PM	607	0.0	367	0.0	1500	607	0	367	0.48	0	65.3	55.8	43.1	13.3	13.3
1-2 PM	615	0.0	371	0.0	1500	615	0	371	0.48	0	65.3	55.8	43.1	13.2	13.2
2-3 PM	614	0.0	371	0.0	1500	614	0	371	0.48	0	65.3	55.8	43.1	13.2	13.2
3-4 PM	669	0.0	405	0.0	1500	669	0	405	0.49	0	65.1	55.6	42.8	12.4	12.4
4-5 PM	680	0.0	411	0.0	1500	680	0	411	0.49	0	65.1	55.6	42.8	12.3	12.3
5-6 PM	571	0.0	345	0.0	1500	571	0	345	0.48	0	65.3	56.0	43.2	13.8	13.8
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	405	0.0	245	0.0	1500	405	0	245	0.46	0	65.6	56.4	43.8	16.5	16.5
8-9 PM	279	0.0	168	0.0	1500	279	0	168	0.45	0	65.9	56.8	44.3	18.5	18.5
9-10 PM	200	0.0	120	0.0	1500	200	0	120	0.44	0	66.0	57.1	44.7	19.8	19.8
10-11 PM	122	0.0	73	0.0	1500	122	0	73	0.43	0	66.1	57.3	45.0	21.1	21.1
11PM-MID	94	0.0	57	0.0	1500	94	0	57	0.43	0	66.2	57.4	45.1	21.5	21.5

*----- 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	0.0039
MAIN ROUTE WITH WORKS	0.0034
DIVERSION	0.0184

PIA: Personal Injury Accidents

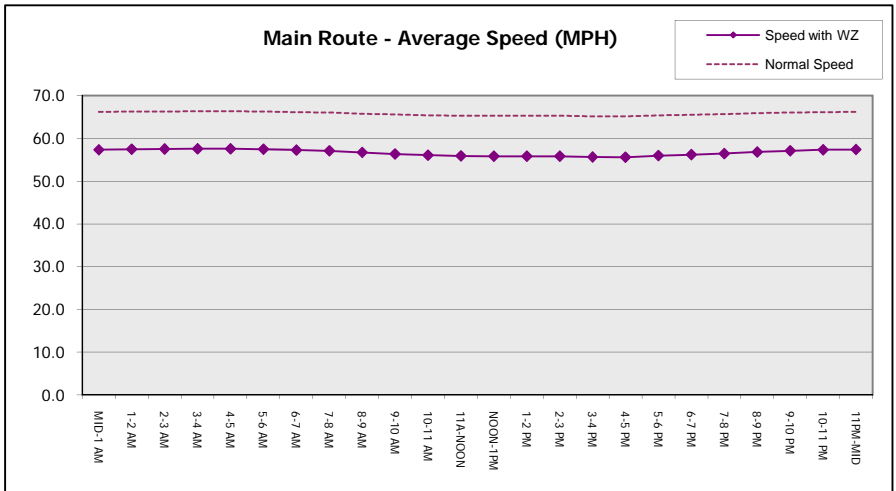
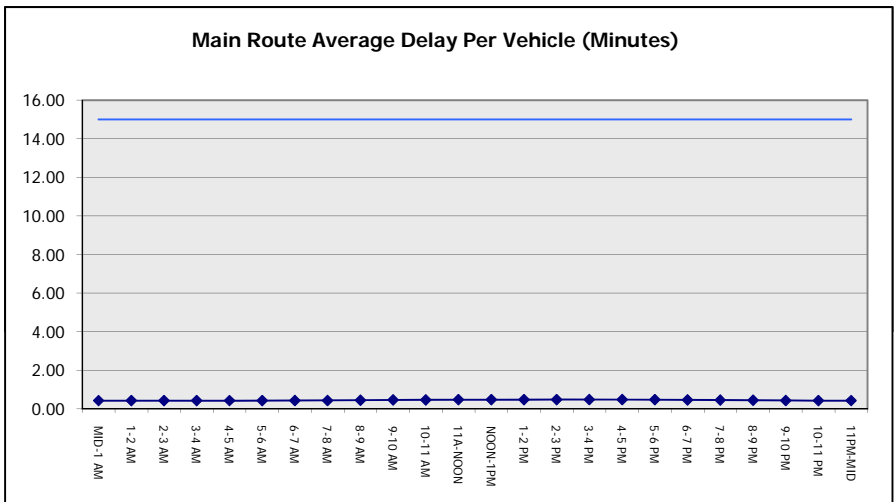
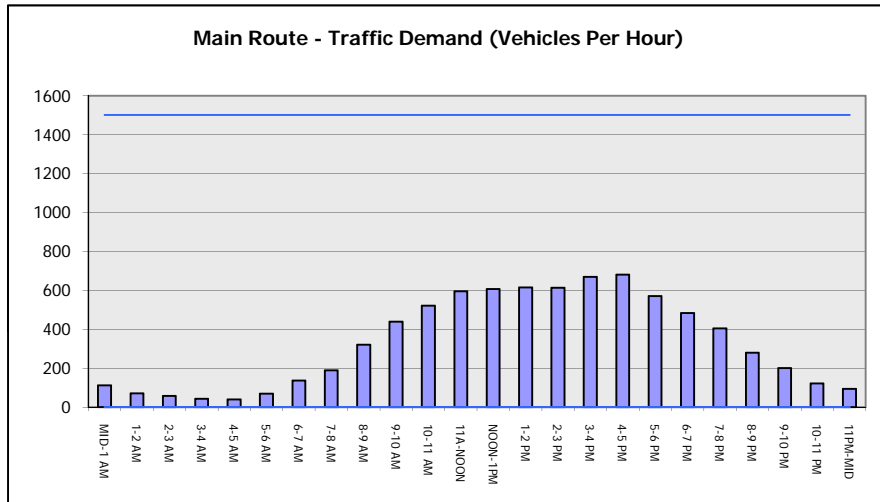
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$950
CONGESTED HOURS PER DAY*	0

\*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**  
**SUNDAY SOUTHBOUND DIRECTION**



<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>
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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	94	0.0	58	0.0	1500	94	0	58	0.43	0	66.2	57.4	45.1	21.5	21.5
1-2 AM	62	0.0	38	0.0	1500	62	0	38	0.43	0	66.3	57.5	45.3	22.0	22.0
2-3 AM	77	0.0	47	0.0	1500	77	0	47	0.43	0	66.3	57.4	45.2	21.7	21.7
3-4 AM	41	0.0	24	0.0	1500	41	0	24	0.43	0	66.3	57.6	45.3	22.4	22.4
4-5 AM	55	0.0	33	0.0	1500	55	0	33	0.43	0	66.3	57.5	45.3	22.1	22.1
5-6 AM	83	0.0	50	0.0	1500	83	0	50	0.43	0	66.3	57.4	45.1	21.7	21.7
6-7 AM	128	0.0	77	0.0	1500	128	0	77	0.43	0	66.1	57.3	45.0	20.9	20.9
7-8 AM	204	0.0	123	0.0	1500	204	0	123	0.44	0	66.0	57.1	44.6	19.7	19.7
8-9 AM	340	0.0	206	0.0	1500	340	0	206	0.46	0	65.8	56.6	44.2	17.5	17.5
9-10 AM	453	0.0	274	0.0	1500	453	0	274	0.47	0	65.5	56.3	43.7	15.7	15.7
10-11 AM	526	0.0	318	0.0	1500	526	0	318	0.47	0	65.4	56.1	43.4	14.6	14.6
11A-NOON	621	0.0	376	0.0	1500	621	0	376	0.48	0	65.2	55.8	43.0	13.0	13.0
NOON-1PM	593	0.0	359	0.0	1500	593	0	359	0.48	0	65.3	55.9	43.2	13.5	13.5
1-2 PM	629	0.0	381	0.0	1500	629	0	381	0.48	0	65.2	55.8	43.0	12.9	12.9
2-3 PM	640	0.0	387	0.0	1500	640	0	387	0.48	0	65.2	55.7	43.0	12.7	12.7
3-4 PM	691	0.0	418	0.0	1500	691	0	418	0.49	0	65.1	55.6	42.8	12.2	12.2
4-5 PM	729	0.0	441	0.0	1500	729	0	441	0.49	0	65.0	55.5	42.7	11.9	11.9
5-6 PM	704	0.0	426	0.0	1500	704	0	426	0.49	0	65.1	55.5	42.7	12.0	12.0
6-7 PM	618	0.0	374	0.0	1500	618	0	374	0.48	0	65.2	55.8	43.0	13.1	13.1
7-8 PM	447	0.0	271	0.0	1500	447	0	271	0.47	0	65.6	56.3	43.7	15.8	15.8
8-9 PM	347	0.0	209	0.0	1500	347	0	209	0.46	0	65.8	56.6	44.1	17.5	17.5
9-10 PM	252	0.0	152	0.0	1500	252	0	152	0.45	0	65.9	56.9	44.5	19.0	19.0
10-11 PM	158	0.0	95	0.0	1500	158	0	95	0.44	0	66.1	57.2	44.8	20.5	20.5
11PM-MID	89	0.0	53	0.0	1500	89	0	53	0.43	0	66.2	57.4	45.1	21.5	21.5

*----- 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	0.0042
MAIN ROUTE WITH WORKS	0.0037
DIVERSION	0.0199

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,035
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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 Construction Season

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

