

<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**

**SATURDAY 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	114	0.0	68	0.0	1500	114	0	68	0.43	0	66.2	57.3	45.0	21.2	21.2
1-2 AM	73	0.0	44	0.0	1500	73	0	44	0.43	0	66.3	57.4	45.2	21.8	21.8
2-3 AM	57	0.0	35	0.0	1500	57	0	35	0.43	0	66.3	57.5	45.3	22.0	22.0
3-4 AM	52	0.0	31	0.0	1500	52	0	31	0.43	0	66.3	57.5	45.3	22.2	22.2
4-5 AM	82	0.0	49	0.0	1500	82	0	49	0.43	0	66.3	57.4	45.1	21.7	21.7
5-6 AM	166	0.0	100	0.0	1500	166	0	100	0.44	0	66.1	57.2	44.8	20.3	20.3
6-7 AM	290	0.0	176	0.0	1500	290	0	176	0.45	0	65.8	56.8	44.3	18.3	18.3
7-8 AM	367	0.0	222	0.0	1500	367	0	222	0.46	0	65.7	56.6	44.0	17.1	17.1
8-9 AM	495	0.0	299	0.0	1500	495	0	299	0.47	0	65.5	56.1	43.5	15.1	15.1
9-10 AM	549	0.0	332	0.0	1500	549	0	332	0.48	0	65.4	56.0	43.3	14.2	14.2
10-11 AM	604	0.0	365	0.0	1500	604	0	365	0.48	0	65.3	55.8	43.1	13.4	13.4
11A-NOON	615	0.0	371	0.0	1500	615	0	371	0.48	0	65.3	55.8	43.1	13.2	13.2
NOON-1PM	627	0.0	379	0.0	1500	627	0	379	0.48	0	65.2	55.8	43.0	13.0	13.0
1-2 PM	580	0.0	351	0.0	1500	580	0	351	0.48	0	65.3	55.9	43.2	13.7	13.7
2-3 PM	595	0.0	359	0.0	1500	595	0	359	0.48	0	65.3	55.9	43.2	13.5	13.5
3-4 PM	590	0.0	357	0.0	1500	590	0	357	0.48	0	65.3	55.9	43.2	13.5	13.5
4-5 PM	590	0.0	357	0.0	1500	590	0	357	0.48	0	65.3	55.9	43.2	13.5	13.5
5-6 PM	528	0.0	319	0.0	1500	528	0	319	0.47	0	65.4	56.1	43.4	14.5	14.5
6-7 PM	450	0.0	273	0.0	1500	450	0	273	0.47	0	65.5	56.3	43.7	15.8	15.8
7-8 PM	382	0.0	231	0.0	1500	382	0	231	0.46	0	65.7	56.5	44.0	16.9	16.9
8-9 PM	298	0.0	180	0.0	1500	298	0	180	0.45	0	65.8	56.8	44.3	18.3	18.3
9-10 PM	290	0.0	176	0.0	1500	290	0	176	0.45	0	65.8	56.8	44.3	18.3	18.3
10-11 PM	269	0.0	162	0.0	1500	269	0	162	0.45	0	65.9	56.8	44.4	18.7	18.7
11PM-MID	205	0.0	125	0.0	1500	205	0	125	0.44	0	66.0	57.1	44.6	19.7	19.7

*----- 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	0.0044
MAIN ROUTE WITH WORKS	0.0038
DIVERSION	0.0206

PIA: Personal Injury Accidents

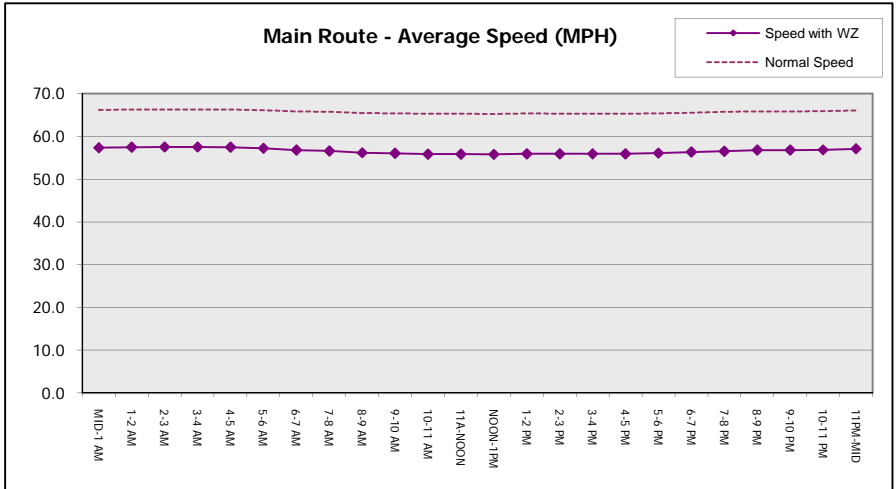
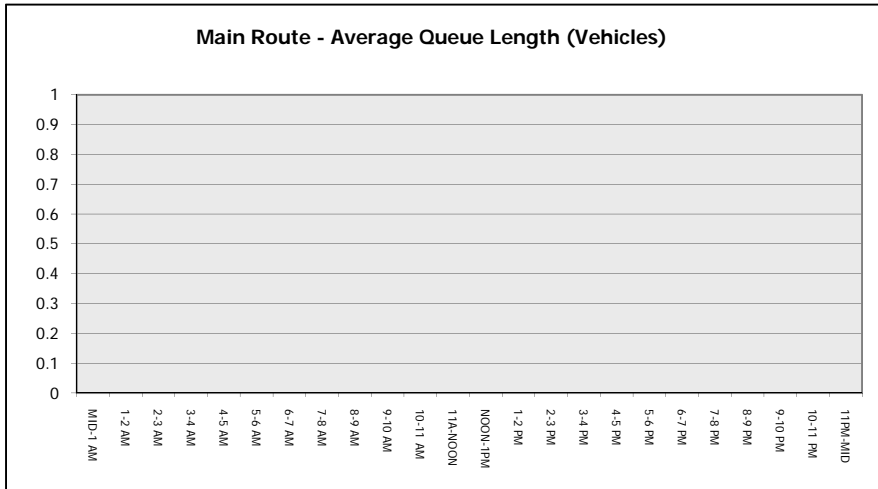
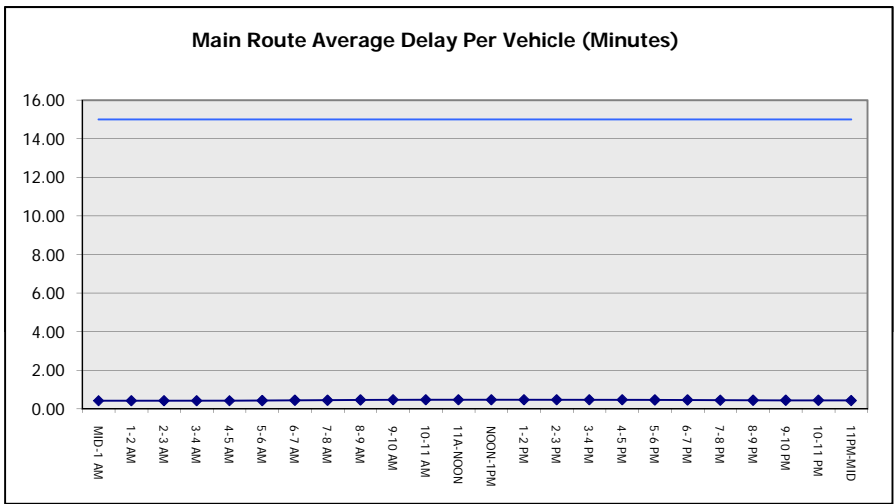
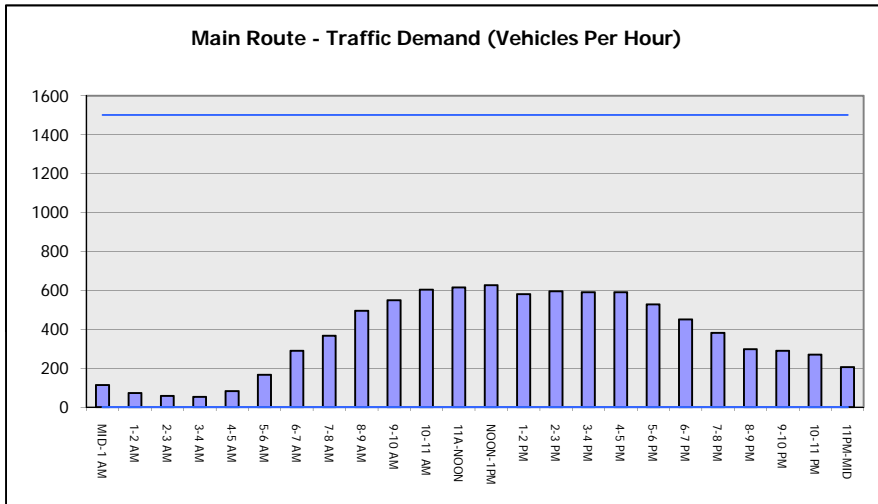
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,040
CONGESTED HOURS PER DAY*	0

\*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**  
**SATURDAY 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**

SATURDAY 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	85	0.0	51	0.0	1500	85	0	51	0.43	0	66.2	57.4	45.1	21.6	21.6
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	80	0.0	48	0.0	1500	80	0	48	0.43	0	66.3	57.4	45.1	21.7	21.7
3-4 AM	69	0.0	42	0.0	1500	69	0	42	0.43	0	66.3	57.4	45.2	21.9	21.9
4-5 AM	103	0.0	63	0.0	1500	103	0	63	0.43	0	66.2	57.4	45.1	21.3	21.3
5-6 AM	177	0.0	107	0.0	1500	177	0	107	0.44	0	66.1	57.1	44.8	20.2	20.2
6-7 AM	254	0.0	154	0.0	1500	254	0	154	0.45	0	65.9	56.9	44.5	18.9	18.9
7-8 AM	362	0.0	219	0.0	1500	362	0	219	0.46	0	65.7	56.6	44.0	17.2	17.2
8-9 AM	480	0.0	291	0.0	1500	480	0	291	0.47	0	65.5	56.2	43.6	15.3	15.3
9-10 AM	566	0.0	342	0.0	1500	566	0	342	0.48	0	65.3	56.0	43.3	14.0	14.0
10-11 AM	641	0.0	387	0.0	1500	641	0	387	0.48	0	65.2	55.7	43.0	12.7	12.7
11A-NOON	607	0.0	366	0.0	1500	607	0	366	0.48	0	65.3	55.8	43.1	13.3	13.3
NOON-1PM	625	0.0	378	0.0	1500	625	0	378	0.48	0	65.2	55.8	43.0	13.0	13.0
1-2 PM	630	0.0	381	0.0	1500	630	0	381	0.48	0	65.2	55.8	43.0	12.9	12.9
2-3 PM	593	0.0	359	0.0	1500	593	0	359	0.48	0	65.3	55.9	43.2	13.5	13.5
3-4 PM	585	0.0	354	0.0	1500	585	0	354	0.48	0	65.3	55.9	43.2	13.7	13.7
4-5 PM	582	0.0	352	0.0	1500	582	0	352	0.48	0	65.3	55.9	43.2	13.7	13.7
5-6 PM	549	0.0	332	0.0	1500	549	0	332	0.48	0	65.4	56.0	43.3	14.2	14.2
6-7 PM	443	0.0	268	0.0	1500	443	0	268	0.47	0	65.6	56.3	43.7	15.9	15.9
7-8 PM	375	0.0	227	0.0	1500	375	0	227	0.46	0	65.7	56.5	44.0	17.0	17.0
8-9 PM	280	0.0	170	0.0	1500	280	0	170	0.45	0	65.9	56.8	44.3	18.5	18.5
9-10 PM	254	0.0	153	0.0	1500	254	0	153	0.45	0	65.9	56.9	44.5	18.9	18.9
10-11 PM	193	0.0	116	0.0	1500	193	0	116	0.44	0	66.0	57.1	44.7	19.9	19.9
11PM-MID	133	0.0	81	0.0	1500	133	0	81	0.44	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	0.0043
MAIN ROUTE WITH WORKS	0.0037
DIVERSION	0.0202

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,025
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**  
**SATURDAY NORTHBOUND DIRECTION**

