

IH 43: BOWERS RD TO STH 11 (WALWORTH COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 11 - BOWERS RD	OCTOBER
	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	180	0.0	45	0.0	1500	180	0	45	0.44	0	66.1	60.1	44.8	38.9	38.9
1-2 AM	125	0.0	31	0.0	1500	125	0	31	0.43	0	66.1	60.2	45.0	39.0	39.0
2-3 AM	92	0.0	23	0.0	1500	92	0	23	0.43	0	66.2	60.4	45.1	39.0	39.0
3-4 AM	75	0.0	19	0.0	1500	75	0	19	0.43	0	66.3	60.4	45.2	39.1	39.1
4-5 AM	61	0.0	15	0.0	1500	61	0	15	0.43	0	66.3	60.4	45.3	39.1	39.1
5-6 AM	72	0.0	18	0.0	1500	72	0	18	0.43	0	66.3	60.4	45.2	39.1	39.1
6-7 AM	133	0.0	33	0.0	1500	133	0	33	0.44	0	66.1	60.2	45.0	39.0	39.0
7-8 AM	244	0.0	61	0.0	1500	244	0	61	0.45	0	66.0	59.9	44.5	38.9	38.9
8-9 AM	378	0.0	94	0.0	1500	378	0	94	0.46	0	65.7	59.6	44.0	38.8	38.8
9-10 AM	492	0.0	122	0.0	1500	492	0	122	0.47	0	65.5	59.2	43.5	38.6	38.6
10-11 AM	564	0.0	140	0.0	1500	564	0	140	0.48	0	65.3	59.1	43.3	38.6	38.6
11A-NOON	617	0.0	153	0.0	1500	617	0	153	0.48	0	65.3	58.9	43.0	38.5	38.5
NOON-1PM	630	0.0	156	0.0	1500	630	0	156	0.48	0	65.2	58.9	43.0	38.4	38.4
1-2 PM	610	0.0	152	0.0	1500	610	0	152	0.48	0	65.3	58.9	43.1	38.5	38.5
2-3 PM	606	0.0	151	0.0	1500	606	0	151	0.48	0	65.3	58.9	43.1	38.5	38.5
3-4 PM	606	0.0	151	0.0	1500	606	0	151	0.48	0	65.3	58.9	43.1	38.5	38.5
4-5 PM	610	0.0	152	0.0	1500	610	0	152	0.48	0	65.3	58.9	43.1	38.5	38.5
5-6 PM	587	0.0	145	0.0	1500	587	0	145	0.48	0	65.3	59.0	43.2	38.5	38.5
6-7 PM	592	0.0	147	0.0	1500	592	0	147	0.48	0	65.3	59.0	43.2	38.5	38.5
7-8 PM	459	0.0	114	0.0	1500	459	0	114	0.47	0	65.5	59.4	43.7	38.6	38.6
8-9 PM	395	0.0	98	0.0	1500	395	0	98	0.46	0	65.6	59.6	43.9	38.7	38.7
9-10 PM	288	0.0	71	0.0	1500	288	0	71	0.45	0	65.8	59.8	44.3	38.8	38.8
10-11 PM	271	0.0	67	0.0	1500	271	0	67	0.45	0	65.9	59.9	44.4	38.8	38.8
11PM-MID	228	0.0	57	0.0	1500	228	0	57	0.44	0	66.0	60.0	44.6	38.9	38.9

----- 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	0.0070
MAIN ROUTE WITH WORKS	0.0064
DIVERSION	0.0217

PIA: Personal Injury Accidents

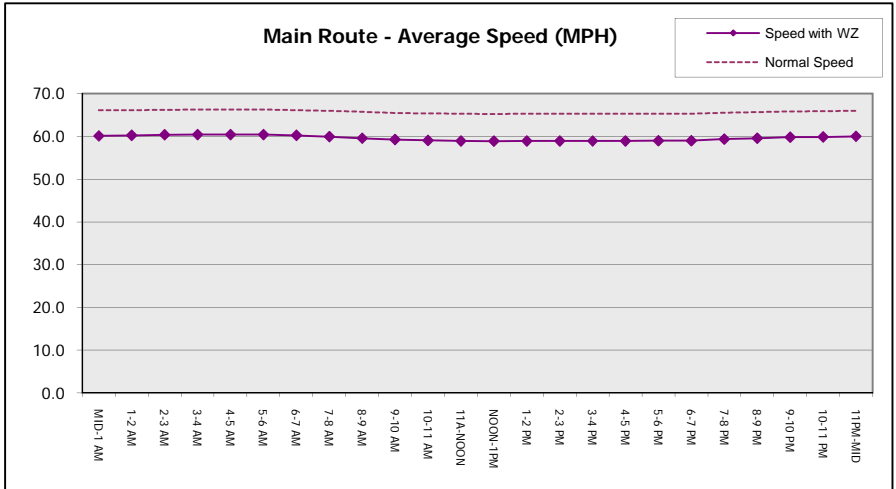
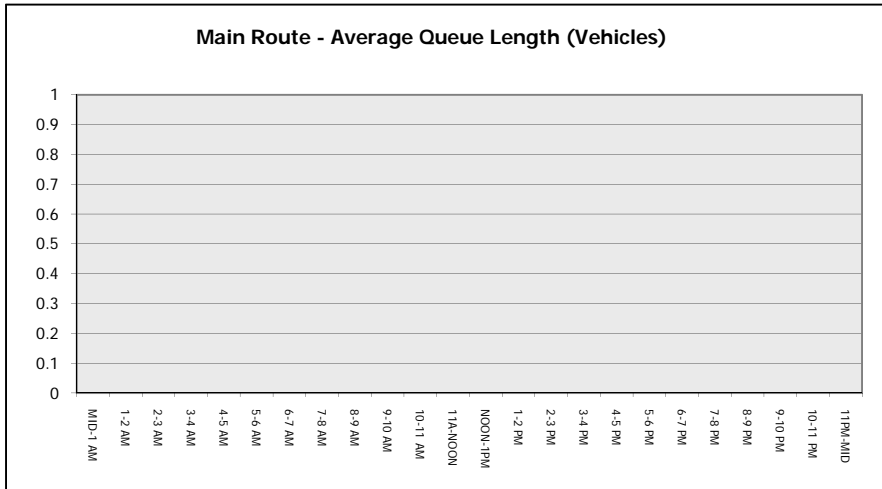
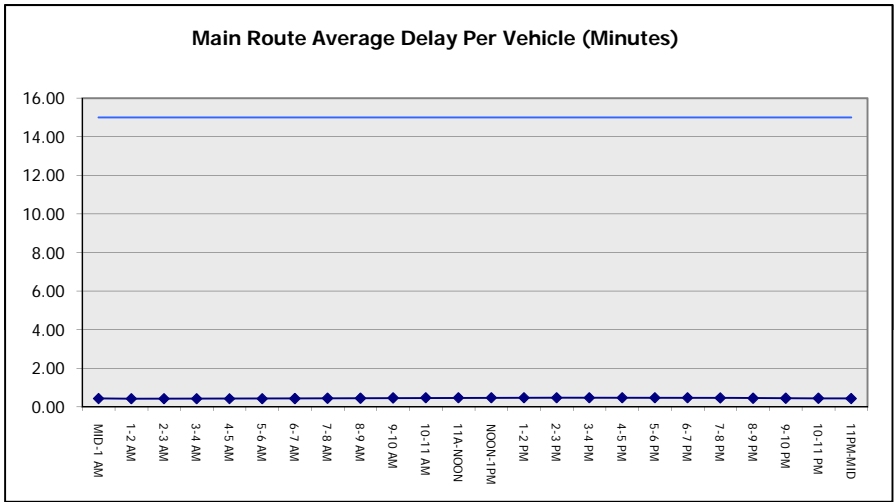
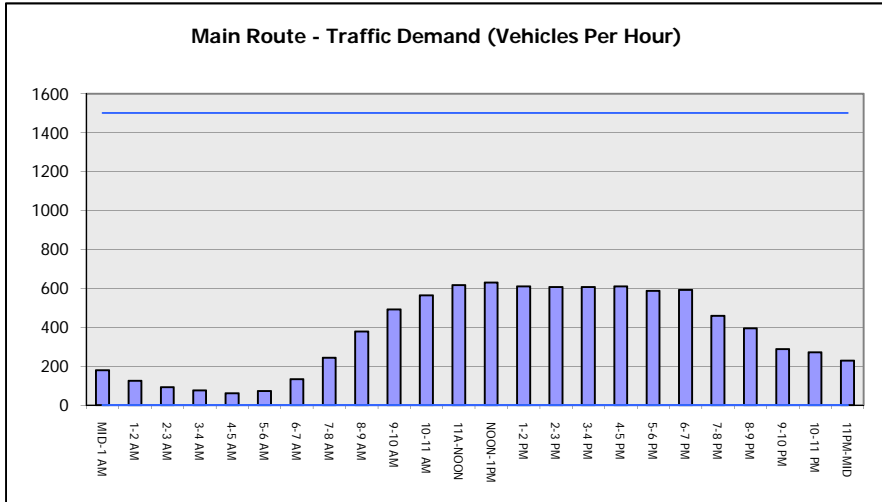
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,055
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 11 - BOWERS RD

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



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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	182	0.0	45	0.0	1500	182	0	45	0.44	0	66.1	60.1	44.8	38.9	38.9
1-2 AM	110	0.0	27	0.0	1500	110	0	27	0.43	0	66.2	60.3	45.0	39.0	39.0
2-3 AM	98	0.0	24	0.0	1500	98	0	24	0.43	0	66.2	60.4	45.1	39.0	39.0
3-4 AM	70	0.0	18	0.0	1500	70	0	18	0.43	0	66.3	60.4	45.2	39.1	39.1
4-5 AM	93	0.0	23	0.0	1500	93	0	23	0.43	0	66.2	60.4	45.1	39.0	39.0
5-6 AM	99	0.0	24	0.0	1500	99	0	24	0.43	0	66.2	60.4	45.1	39.0	39.0
6-7 AM	157	0.0	39	0.0	1500	157	0	39	0.44	0	66.1	60.2	44.8	38.9	38.9
7-8 AM	235	0.0	59	0.0	1500	235	0	59	0.45	0	66.0	60.0	44.5	38.9	38.9
8-9 AM	372	0.0	92	0.0	1500	372	0	92	0.46	0	65.7	59.6	44.0	38.8	38.8
9-10 AM	460	0.0	114	0.0	1500	460	0	114	0.47	0	65.5	59.4	43.7	38.6	38.6
10-11 AM	564	0.0	140	0.0	1500	564	0	140	0.48	0	65.3	59.1	43.3	38.6	38.6
11A-NOON	718	0.0	178	0.0	1500	718	0	178	0.49	0	65.0	58.7	42.7	38.4	38.4
NOON-1PM	754	0.0	187	0.0	1500	754	0	187	0.50	0	65.0	58.6	42.5	38.3	38.3
1-2 PM	775	0.0	193	0.0	1500	775	0	193	0.50	0	65.0	58.5	42.5	38.3	38.3
2-3 PM	638	0.0	158	0.0	1500	638	0	158	0.48	0	65.2	58.9	43.0	38.4	38.4
3-4 PM	731	0.0	181	0.0	1500	731	0	181	0.49	0	65.0	58.6	42.7	38.4	38.4
4-5 PM	606	0.0	151	0.0	1500	606	0	151	0.48	0	65.3	58.9	43.1	38.5	38.5
5-6 PM	611	0.0	152	0.0	1500	611	0	152	0.48	0	65.3	58.9	43.1	38.5	38.5
6-7 PM	676	0.0	167	0.0	1500	676	0	167	0.49	0	65.1	58.7	42.8	38.4	38.4
7-8 PM	604	0.0	150	0.0	1500	604	0	150	0.48	0	65.3	58.9	43.1	38.5	38.5
8-9 PM	410	0.0	102	0.0	1500	410	0	102	0.46	0	65.6	59.5	43.8	38.7	38.7
9-10 PM	347	0.0	86	0.0	1500	347	0	86	0.46	0	65.8	59.7	44.1	38.8	38.8
10-11 PM	315	0.0	78	0.0	1500	315	0	78	0.45	0	65.8	59.7	44.2	38.8	38.8
11PM-MID	246	0.0	61	0.0	1500	246	0	61	0.45	0	66.0	59.9	44.5	38.9	38.9

----- 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	0.0077
MAIN ROUTE WITH WORKS	0.0071
DIVERSION	0.0240

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,184
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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SATURDAY NORTHBOUND DIRECTION

