

IH 43: BOWERS RD TO STH 11 (WALWORTH COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 11 - BOWERS RD	MAY
	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	92	0.0	24	0.0	1500	92	0	24	0.43	0	66.2	60.4	45.1	39.0	39.0
1-2 AM	63	0.0	16	0.0	1500	63	0	16	0.43	0	66.3	60.4	45.3	39.1	39.1
2-3 AM	62	0.0	16	0.0	1500	62	0	16	0.43	0	66.3	60.4	45.3	39.1	39.1
3-4 AM	61	0.0	16	0.0	1500	61	0	16	0.43	0	66.3	60.4	45.3	39.1	39.1
4-5 AM	103	0.0	26	0.0	1500	103	0	26	0.43	0	66.2	60.3	45.1	39.0	39.0
5-6 AM	211	0.0	53	0.0	1500	211	0	53	0.44	0	66.0	60.1	44.6	38.9	38.9
6-7 AM	413	0.0	105	0.0	1500	413	0	105	0.46	0	65.6	59.5	43.8	38.7	38.7
7-8 AM	586	0.0	149	0.0	1500	586	0	149	0.48	0	65.3	59.0	43.2	38.5	38.5
8-9 AM	503	0.0	127	0.0	1500	503	0	127	0.47	0	65.5	59.2	43.5	38.6	38.6
9-10 AM	506	0.0	128	0.0	1500	506	0	128	0.47	0	65.5	59.2	43.5	38.6	38.6
10-11 AM	510	0.0	129	0.0	1500	510	0	129	0.47	0	65.5	59.2	43.5	38.6	38.6
11A-NOON	540	0.0	136	0.0	1500	540	0	136	0.47	0	65.4	59.1	43.3	38.6	38.6
NOON-1PM	562	0.0	141	0.0	1500	562	0	141	0.48	0	65.3	59.1	43.3	38.5	38.5
1-2 PM	574	0.0	145	0.0	1500	574	0	145	0.48	0	65.3	59.1	43.2	38.5	38.5
2-3 PM	648	0.0	163	0.0	1500	648	0	163	0.49	0	65.2	58.9	43.0	38.4	38.4
3-4 PM	773	0.0	195	0.0	1500	773	0	195	0.50	0	65.0	58.5	42.5	38.3	38.3
4-5 PM	831	0.0	209	0.0	1500	831	0	209	0.50	0	64.8	58.4	42.3	38.3	38.3
5-6 PM	766	0.0	193	0.0	1500	766	0	193	0.50	0	65.0	58.6	42.5	38.3	38.3
6-7 PM	527	0.0	133	0.0	1500	527	0	133	0.47	0	65.4	59.2	43.4	38.6	38.6
7-8 PM	365	0.0	92	0.0	1500	365	0	92	0.46	0	65.7	59.6	44.0	38.8	38.8
8-9 PM	304	0.0	76	0.0	1500	304	0	76	0.45	0	65.8	59.7	44.3	38.8	38.8
9-10 PM	256	0.0	65	0.0	1500	256	0	65	0.45	0	65.9	59.9	44.5	38.9	38.9
10-11 PM	211	0.0	53	0.0	1500	211	0	53	0.44	0	66.0	60.1	44.6	38.9	38.9
11PM-MID	158	0.0	40	0.0	1500	158	0	40	0.44	0	66.1	60.2	44.8	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	0.0075
MAIN ROUTE WITH WORKS	0.0069
DIVERSION	0.0238

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$905
CONGESTED HOURS PER DAY*	0

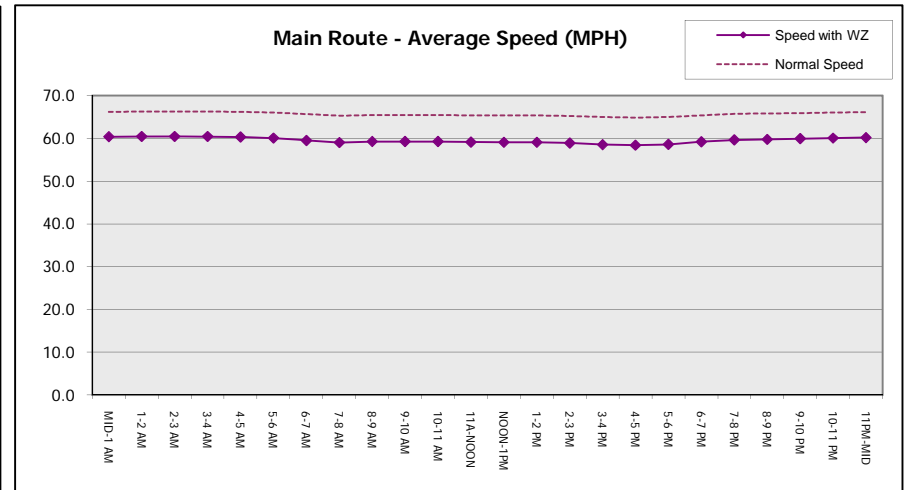
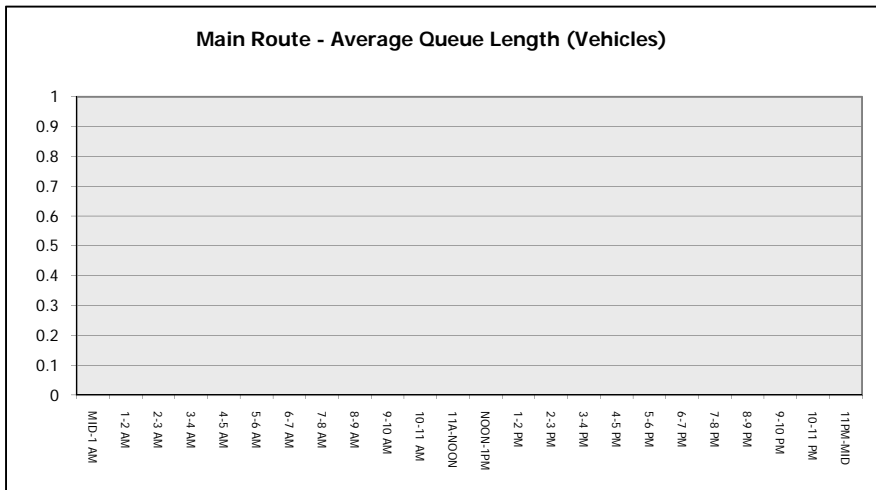
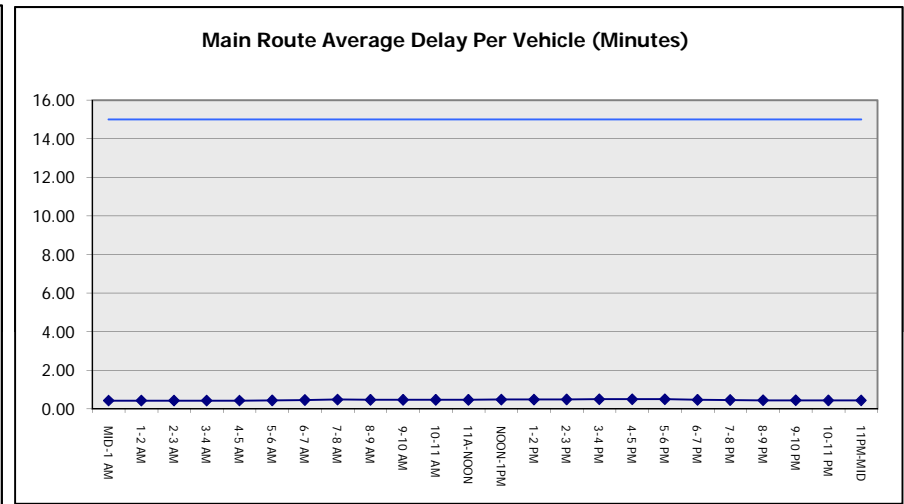
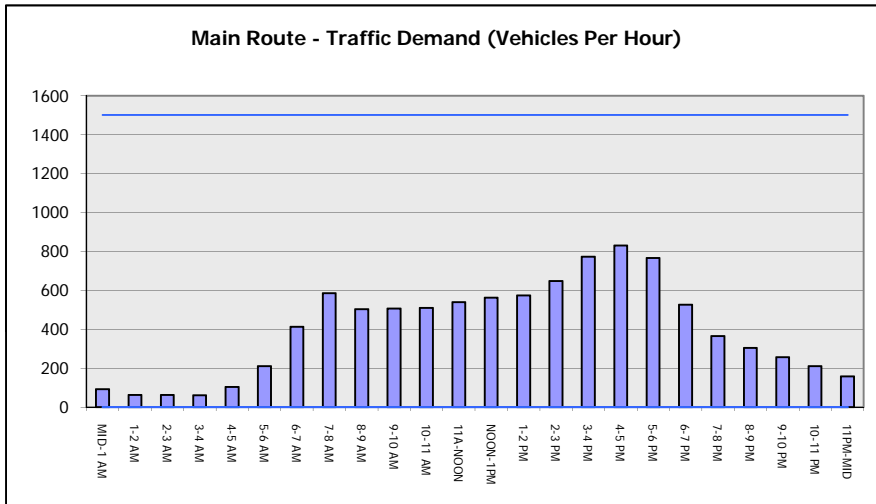
*Delays Exceeding 15 Minutes

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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

MON-THUR SOUTHBOUND DIRECTION



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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	77	0.0	20	0.0	1500	77	0	20	0.43	0	66.3	60.4	45.2	39.1	39.1
1-2 AM	59	0.0	15	0.0	1500	59	0	15	0.43	0	66.3	60.4	45.3	39.1	39.1
2-3 AM	61	0.0	16	0.0	1500	61	0	16	0.43	0	66.3	60.4	45.3	39.1	39.1
3-4 AM	102	0.0	26	0.0	1500	102	0	26	0.43	0	66.2	60.3	45.1	39.0	39.0
4-5 AM	196	0.0	49	0.0	1500	196	0	49	0.44	0	66.0	60.1	44.7	38.9	38.9
5-6 AM	432	0.0	109	0.0	1500	432	0	109	0.46	0	65.6	59.4	43.8	38.7	38.7
6-7 AM	656	0.0	165	0.0	1500	656	0	165	0.49	0	65.1	58.8	42.9	38.4	38.4
7-8 AM	716	0.0	181	0.0	1500	716	0	181	0.49	0	65.1	58.7	42.7	38.4	38.4
8-9 AM	619	0.0	156	0.0	1500	619	0	156	0.48	0	65.2	58.9	43.0	38.4	38.4
9-10 AM	531	0.0	134	0.0	1500	531	0	134	0.47	0	65.4	59.2	43.4	38.6	38.6
10-11 AM	513	0.0	130	0.0	1500	513	0	130	0.47	0	65.5	59.2	43.5	38.6	38.6
11A-NOON	540	0.0	136	0.0	1500	540	0	136	0.47	0	65.4	59.1	43.3	38.6	38.6
NOON-1PM	532	0.0	134	0.0	1500	532	0	134	0.47	0	65.4	59.2	43.4	38.6	38.6
1-2 PM	565	0.0	142	0.0	1500	565	0	142	0.48	0	65.3	59.1	43.3	38.5	38.5
2-3 PM	633	0.0	159	0.0	1500	633	0	159	0.48	0	65.2	58.9	43.0	38.4	38.4
3-4 PM	675	0.0	169	0.0	1500	675	0	169	0.49	0	65.1	58.7	42.8	38.4	38.4
4-5 PM	711	0.0	180	0.0	1500	711	0	180	0.49	0	65.1	58.7	42.7	38.4	38.4
5-6 PM	654	0.0	165	0.0	1500	654	0	165	0.49	0	65.1	58.8	42.9	38.4	38.4
6-7 PM	485	0.0	122	0.0	1500	485	0	122	0.47	0	65.5	59.3	43.6	38.6	38.6
7-8 PM	345	0.0	87	0.0	1500	345	0	87	0.46	0	65.8	59.7	44.1	38.8	38.8
8-9 PM	285	0.0	72	0.0	1500	285	0	72	0.45	0	65.8	59.8	44.3	38.8	38.8
9-10 PM	240	0.0	62	0.0	1500	240	0	62	0.45	0	66.0	59.9	44.5	38.9	38.9
10-11 PM	195	0.0	49	0.0	1500	195	0	49	0.44	0	66.0	60.1	44.7	38.9	38.9
11PM-MID	116	0.0	29	0.0	1500	116	0	29	0.43	0	66.2	60.3	45.0	39.0	39.0

----- 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	0.0078
MAIN ROUTE WITH WORKS	0.0071
DIVERSION	0.0245

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$932
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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