

IH 43: STH 20 TO STH 164 (WAUKESHA AND WALWORTH COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 83 - CTH L - STH 20	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	287	0.0	36	0.0	1500	287	0	36	0.45	0	65.8	60.2	44.3	29.5	29.5
1-2 AM	164	0.0	20	0.0	1500	164	0	20	0.44	0	66.1	60.5	44.8	29.6	29.6
2-3 AM	123	0.0	15	0.0	1500	123	0	15	0.43	0	66.1	60.7	45.0	29.7	29.7
3-4 AM	90	0.0	11	0.0	1500	90	0	11	0.43	0	66.2	60.7	45.1	29.7	29.7
4-5 AM	106	0.0	13	0.0	1500	106	0	13	0.43	0	66.2	60.7	45.1	29.7	29.7
5-6 AM	199	0.0	24	0.0	1500	199	0	24	0.44	0	66.0	60.5	44.7	29.6	29.6
6-7 AM	348	0.0	44	0.0	1500	348	0	44	0.46	0	65.8	60.1	44.1	29.4	29.4
7-8 AM	528	0.0	66	0.0	1500	528	0	66	0.47	0	65.4	59.6	43.4	29.2	29.2
8-9 AM	715	0.0	88	0.0	1500	715	0	88	0.49	0	65.1	59.1	42.7	28.9	28.9
9-10 AM	883	0.0	110	0.0	1500	883	0	110	0.51	0	64.8	58.7	42.1	28.8	28.8
10-11 AM	1111	0.0	138	0.0	1500	1111	0	138	0.53	0	64.3	58.1	41.3	28.5	28.5
11A-NOON	1212	0.0	150	0.0	1500	1212	0	150	0.65	0	64.1	56.7	38.1	28.4	28.4
NOON-1PM	1355	0.0	167	0.0	1500	1355	0	167	0.84	0	63.8	54.6	34.0	28.2	28.2
1-2 PM	1256	0.0	155	0.0	1500	1256	0	155	0.71	0	64.0	56.0	36.8	28.3	28.3
2-3 PM	1379	0.0	171	0.0	1500	1379	0	171	0.87	0	63.8	54.3	33.5	28.2	28.2
3-4 PM	1339	0.0	166	0.0	1500	1339	0	166	0.82	0	63.9	54.9	34.5	28.3	28.3
4-5 PM	1278	0.0	158	0.0	1500	1278	0	158	0.74	0	64.0	55.7	36.1	28.3	28.3
5-6 PM	1115	0.0	138	0.0	1500	1115	0	138	0.53	0	64.3	58.1	41.3	28.5	28.5
6-7 PM	956	0.0	119	0.0	1500	956	0	119	0.51	0	64.6	58.5	41.9	28.7	28.7
7-8 PM	833	0.0	104	0.0	1500	833	0	104	0.50	0	64.8	58.8	42.3	28.8	28.8
8-9 PM	711	0.0	88	0.0	1500	711	0	88	0.49	0	65.1	59.1	42.7	28.9	28.9
9-10 PM	677	0.0	84	0.0	1500	677	0	84	0.49	0	65.1	59.2	42.8	29.0	29.0
10-11 PM	608	0.0	75	0.0	1500	608	0	75	0.48	0	65.3	59.4	43.1	29.1	29.1
11PM-MID	442	0.0	55	0.0	1500	442	0	55	0.47	0	65.6	59.8	43.7	29.3	29.3

----- 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	0.0149
MAIN ROUTE WITH WORKS	0.0138
DIVERSION	0.0183

PIA: Personal Injury Accidents

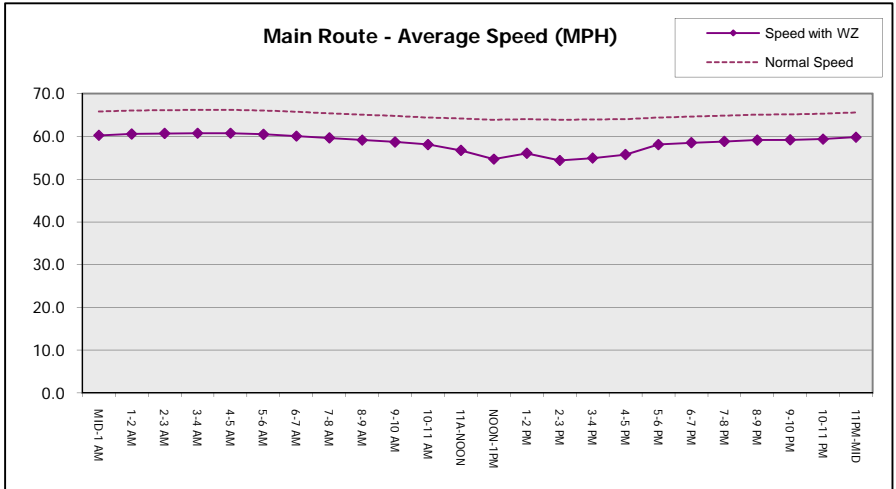
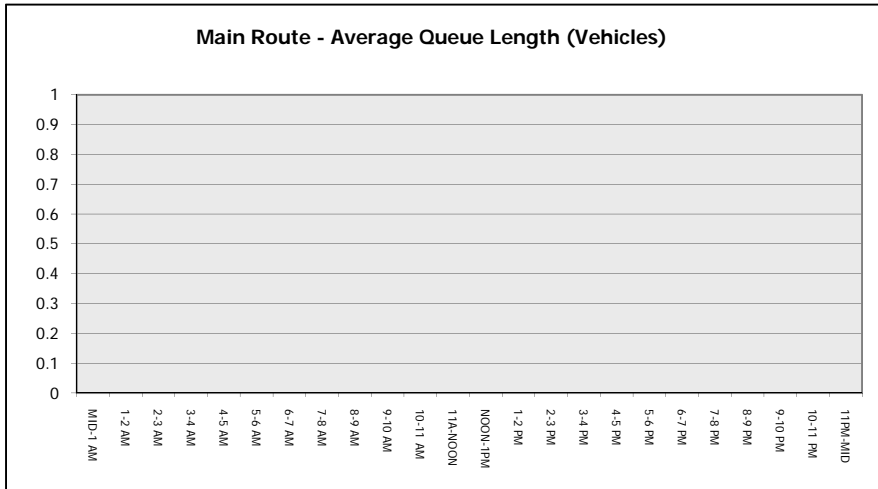
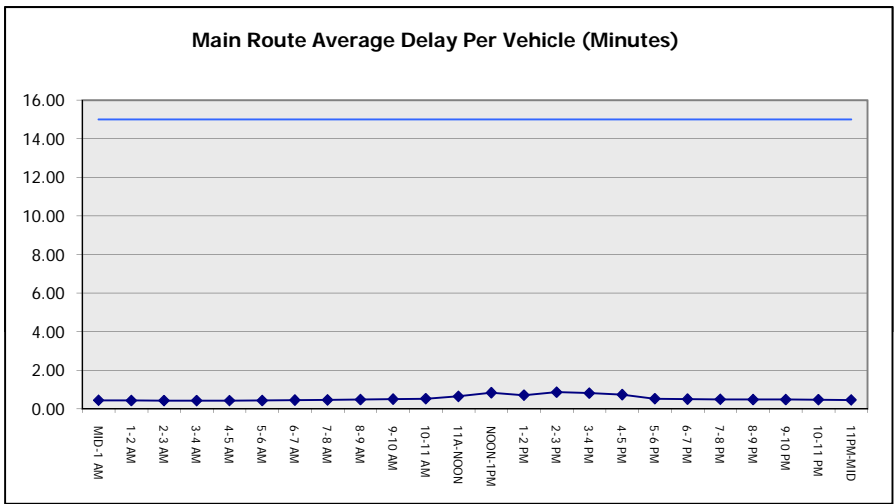
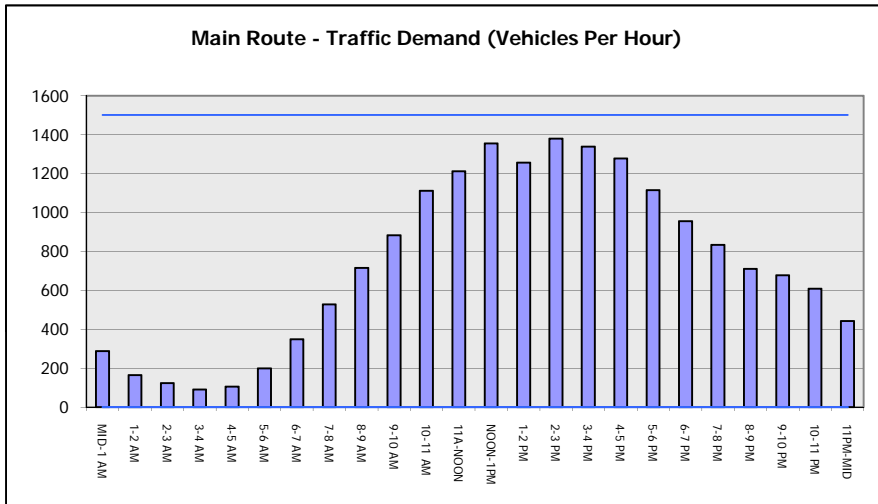
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,812
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 43: STH 20 TO STH 164 (WAUKESHA AND WALWORTH COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 83 - CTH L - STH 20

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



IH 43: STH 20 TO STH 164 (WAUKESHA AND WALWORTH COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 83 - CTH L - STH 20	OCTOBER
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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	180	0.0	22	0.0	1500	180	0	22	0.44	0	66.1	60.5	44.8	29.6	29.6
1-2 AM	115	0.0	14	0.0	1500	115	0	14	0.43	0	66.2	60.7	45.0	29.7	29.7
2-3 AM	98	0.0	12	0.0	1500	98	0	12	0.43	0	66.2	60.7	45.1	29.7	29.7
3-4 AM	106	0.0	13	0.0	1500	106	0	13	0.43	0	66.2	60.7	45.1	29.7	29.7
4-5 AM	154	0.0	19	0.0	1500	154	0	19	0.44	0	66.1	60.6	44.9	29.6	29.6
5-6 AM	345	0.0	43	0.0	1500	345	0	43	0.46	0	65.8	60.1	44.1	29.4	29.4
6-7 AM	490	0.0	61	0.0	1500	490	0	61	0.47	0	65.5	59.7	43.5	29.2	29.2
7-8 AM	678	0.0	84	0.0	1500	678	0	84	0.49	0	65.1	59.2	42.8	29.0	29.0
8-9 AM	904	0.0	112	0.0	1500	904	0	112	0.51	0	64.7	58.6	42.0	28.8	28.8
9-10 AM	993	0.0	123	0.0	1500	993	0	123	0.52	0	64.5	58.4	41.7	28.6	28.6
10-11 AM	1118	0.0	138	0.0	1500	1118	0	138	0.53	0	64.3	58.1	41.3	28.5	28.5
11A-NOON	1182	0.0	146	0.0	1500	1182	0	146	0.61	0	64.2	57.1	39.0	28.4	28.4
NOON-1PM	1212	0.0	150	0.0	1500	1212	0	150	0.65	0	64.1	56.7	38.1	28.4	28.4
1-2 PM	1149	0.0	142	0.0	1500	1149	0	142	0.57	0	64.3	57.6	40.2	28.4	28.4
2-3 PM	1173	0.0	145	0.0	1500	1173	0	145	0.60	0	64.2	57.3	39.3	28.4	28.4
3-4 PM	1141	0.0	141	0.0	1500	1141	0	141	0.56	0	64.3	57.8	40.4	28.4	28.4
4-5 PM	1258	0.0	156	0.0	1500	1258	0	156	0.71	0	64.0	56.0	36.7	28.3	28.3
5-6 PM	1240	0.0	154	0.0	1500	1240	0	154	0.69	0	64.1	56.3	37.2	28.3	28.3
6-7 PM	1150	0.0	142	0.0	1500	1150	0	142	0.57	0	64.2	57.6	40.1	28.4	28.4
7-8 PM	861	0.0	107	0.0	1500	861	0	107	0.51	0	64.8	58.7	42.2	28.8	28.8
8-9 PM	667	0.0	82	0.0	1500	667	0	82	0.49	0	65.1	59.2	42.8	29.0	29.0
9-10 PM	564	0.0	70	0.0	1500	564	0	70	0.48	0	65.3	59.5	43.3	29.1	29.1
10-11 PM	444	0.0	55	0.0	1500	444	0	55	0.47	0	65.6	59.8	43.7	29.3	29.3
11PM-MID	393	0.0	49	0.0	1500	393	0	49	0.46	0	65.6	59.9	43.9	29.4	29.4

----- 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	0.0149
MAIN ROUTE WITH WORKS	0.0137
DIVERSION	0.0182

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,543
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 83 - CTH L - STH 20**

OCTOBER
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY NORTHBOUND DIRECTION

