

<b>IH 43: STH 42 TO STH 28 (SHEBOYGAN COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 28 - CTH TA - STH 23</b>	<b>MAY</b>
	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	84	0.0	41	0.0	1500	84	0	41	0.43	0	66.2	56.0	45.1	24.5	24.5
1-2 AM	70	0.0	33	0.0	1500	70	0	33	0.43	0	66.3	56.0	45.2	24.6	24.6
2-3 AM	83	0.0	41	0.0	1500	83	0	41	0.43	0	66.3	56.0	45.1	24.5	24.5
3-4 AM	158	0.0	76	0.0	1500	158	0	76	0.44	0	66.1	55.8	44.8	24.3	24.3
4-5 AM	359	0.0	175	0.0	1500	359	0	175	0.46	0	65.7	55.1	44.0	23.5	23.5
5-6 AM	757	0.0	367	0.0	1500	757	0	367	0.50	0	65.0	53.8	42.5	22.0	22.0
6-7 AM	1133	0.0	549	0.0	1500	1133	0	549	0.55	0	64.3	52.4	40.7	20.6	20.6
7-8 AM	1079	0.0	523	0.0	1500	1079	0	523	0.53	0	64.4	52.8	41.4	20.8	20.8
8-9 AM	915	0.0	443	0.0	1500	915	0	443	0.51	0	64.7	53.3	42.0	21.4	21.4
9-10 AM	874	0.0	423	0.0	1500	874	0	423	0.51	0	64.8	53.5	42.1	21.6	21.6
10-11 AM	886	0.0	429	0.0	1500	886	0	429	0.51	0	64.7	53.5	42.1	21.5	21.5
11A-NOON	923	0.0	447	0.0	1500	923	0	447	0.51	0	64.6	53.3	41.9	21.4	21.4
NOON-1PM	979	0.0	474	0.0	1500	979	0	474	0.52	0	64.6	53.2	41.7	21.2	21.2
1-2 PM	1027	0.0	497	0.0	1500	1027	0	497	0.52	0	64.5	53.0	41.6	21.1	21.1
2-3 PM	1065	0.0	516	0.0	1500	1065	0	516	0.53	0	64.4	52.9	41.4	20.9	20.9
3-4 PM	1125	0.0	545	0.0	1500	1125	0	545	0.54	0	64.3	52.6	41.0	20.7	20.7
4-5 PM	1157	0.0	560	0.0	1500	1157	0	560	0.58	0	64.2	51.8	39.9	20.6	20.6
5-6 PM	1059	0.0	513	0.0	1500	1059	0	513	0.52	0	64.4	52.9	41.5	20.9	20.9
6-7 PM	723	0.0	350	0.0	1500	723	0	350	0.49	0	65.0	54.0	42.7	22.2	22.2
7-8 PM	544	0.0	264	0.0	1500	544	0	264	0.48	0	65.4	54.5	43.3	22.8	22.8
8-9 PM	422	0.0	205	0.0	1500	422	0	205	0.46	0	65.6	54.9	43.8	23.3	23.3
9-10 PM	319	0.0	154	0.0	1500	319	0	154	0.45	0	65.8	55.2	44.2	23.7	23.7
10-11 PM	206	0.0	99	0.0	1500	206	0	99	0.44	0	66.0	55.6	44.6	24.1	24.1
11PM-MID	111	0.0	54	0.0	1500	111	0	54	0.43	0	66.2	55.9	45.0	24.4	24.4

*----- 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	0.0066
MAIN ROUTE WITH WORKS	0.0056
DIVERSION	0.0348

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,656
CONGESTED HOURS PER DAY*	0

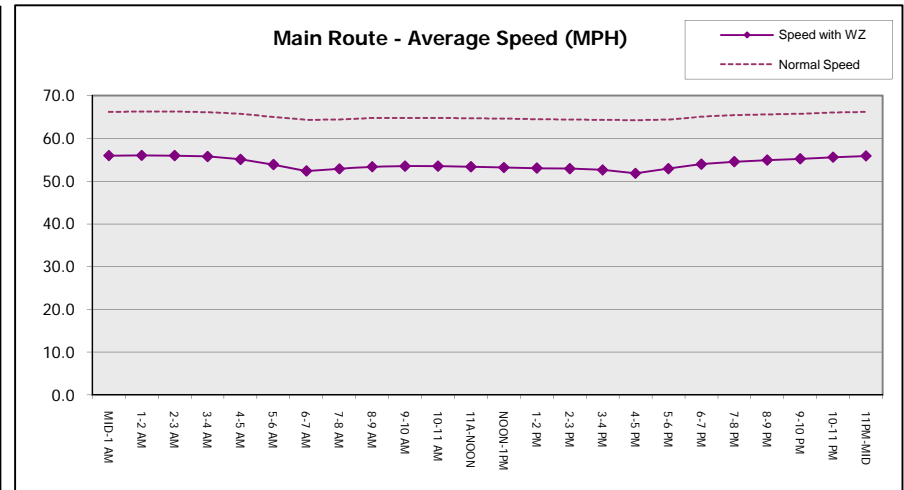
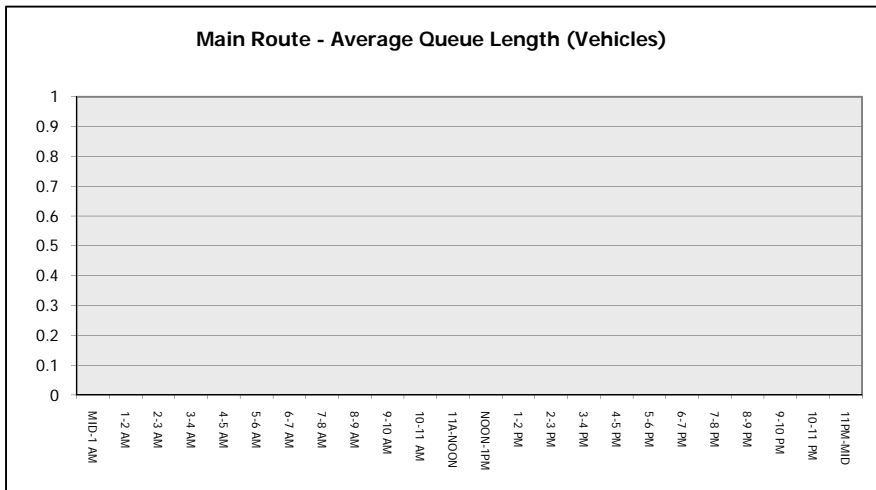
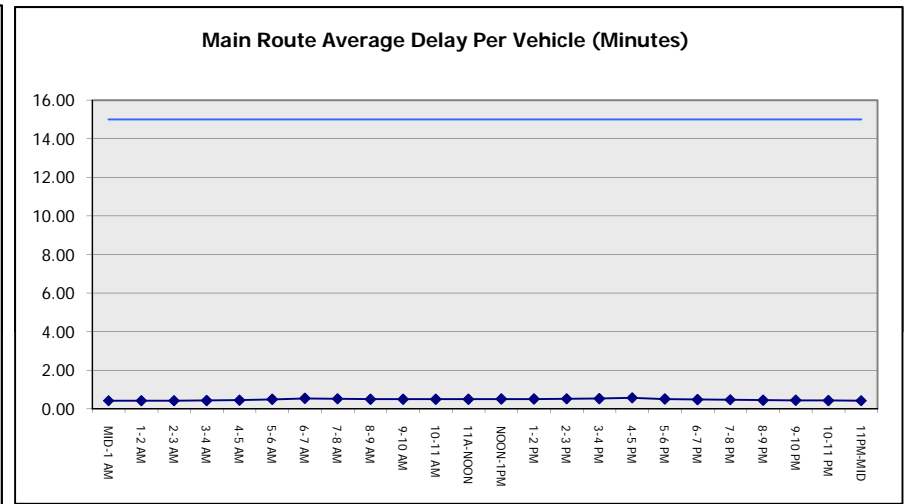
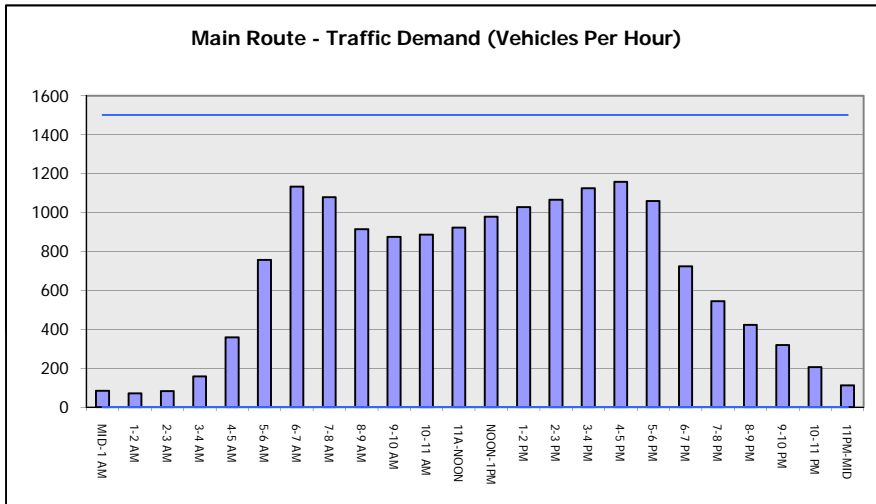
\*Delays Exceeding 15 Minutes

**IH 43: STH 42 TO STH 28 (SHEBOYGAN COUNTY)  
CONTINUOUS (24 HOUR) CLOSURE  
DIVERSION ROUTE: STH 28 - CTH TA - STH 23**

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**MON-THUR SOUTHBOUND DIRECTION**



<b>IH 43: STH 42 TO STH 28 (SHEBOYGAN COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 28 - CTH TA - STH 23</b>	<b>MAY</b>
	Analyzed for 2009 Construction Season

**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	121	0.0	59	0.0	1500	121	0	59	0.43	0	66.1	55.8	45.0	24.4	24.4
1-2 AM	91	0.0	44	0.0	1500	91	0	44	0.43	0	66.2	56.0	45.1	24.5	24.5
2-3 AM	70	0.0	34	0.0	1500	70	0	34	0.43	0	66.3	56.0	45.2	24.6	24.6
3-4 AM	95	0.0	46	0.0	1500	95	0	46	0.43	0	66.2	56.0	45.1	24.5	24.5
4-5 AM	179	0.0	86	0.0	1500	179	0	86	0.44	0	66.1	55.6	44.8	24.2	24.2
5-6 AM	415	0.0	201	0.0	1500	415	0	201	0.46	0	65.6	54.9	43.8	23.3	23.3
6-7 AM	772	0.0	374	0.0	1500	772	0	374	0.50	0	65.0	53.8	42.5	22.0	22.0
7-8 AM	831	0.0	403	0.0	1500	831	0	403	0.50	0	64.8	53.6	42.3	21.7	21.7
8-9 AM	764	0.0	370	0.0	1500	764	0	370	0.50	0	65.0	53.8	42.5	22.0	22.0
9-10 AM	791	0.0	384	0.0	1500	791	0	384	0.50	0	64.9	53.7	42.4	21.9	21.9
10-11 AM	825	0.0	400	0.0	1500	825	0	400	0.50	0	64.8	53.7	42.3	21.8	21.8
11A-NOON	830	0.0	402	0.0	1500	830	0	402	0.50	0	64.8	53.6	42.3	21.7	21.7
NOON-1PM	863	0.0	418	0.0	1500	863	0	418	0.51	0	64.8	53.5	42.2	21.6	21.6
1-2 PM	918	0.0	445	0.0	1500	918	0	445	0.51	0	64.6	53.3	42.0	21.4	21.4
2-3 PM	1052	0.0	510	0.0	1500	1052	0	510	0.52	0	64.4	53.0	41.5	20.9	20.9
3-4 PM	1268	0.0	615	0.0	1500	1268	0	615	0.72	0	64.0	49.3	36.4	20.1	20.1
4-5 PM	1333	0.0	646	0.0	1500	1333	0	646	0.81	0	63.9	48.0	34.6	19.9	19.9
5-6 PM	1087	0.0	527	0.0	1500	1087	0	527	0.53	0	64.3	52.8	41.4	20.8	20.8
6-7 PM	744	0.0	360	0.0	1500	744	0	360	0.49	0	65.0	53.9	42.6	22.1	22.1
7-8 PM	585	0.0	284	0.0	1500	585	0	284	0.48	0	65.3	54.4	43.2	22.7	22.7
8-9 PM	511	0.0	248	0.0	1500	511	0	248	0.47	0	65.5	54.6	43.5	22.9	22.9
9-10 PM	440	0.0	213	0.0	1500	440	0	213	0.47	0	65.6	54.8	43.7	23.2	23.2
10-11 PM	319	0.0	154	0.0	1500	319	0	154	0.45	0	65.8	55.2	44.2	23.7	23.7
11PM-MID	171	0.0	83	0.0	1500	171	0	83	0.44	0	66.1	55.7	44.8	24.2	24.2

*----- 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	0.0062
MAIN ROUTE WITH WORKS	0.0052
DIVERSION	0.0326

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,636
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 43: STH 42 TO STH 28 (SHEBOYGAN COUNTY)  
CONTINUOUS (24 HOUR) CLOSURE  
DIVERSION ROUTE: STH 28 - CTH TA - STH 23**

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR NORTHBOUND DIRECTION**

