

**IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES)  
CONTINUOUS (24 HOUR) CLOSURE  
DIVERSION ROUTE: STH 84 - CTH LL**

**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	68	0.0	5	0.0	1500	68	0	5	0.43	0	66.3	61.9	45.2	24.8	24.8
1-2 AM	57	0.0	4	0.0	1500	57	0	4	0.43	0	66.3	62.0	45.3	24.8	24.8
2-3 AM	68	0.0	4	0.0	1500	68	0	4	0.43	0	66.3	61.9	45.2	24.8	24.8
3-4 AM	130	0.0	8	0.0	1500	130	0	8	0.44	0	66.1	61.8	45.0	24.8	24.8
4-5 AM	295	0.0	20	0.0	1500	295	0	20	0.45	0	65.8	61.4	44.3	24.7	24.7
5-6 AM	624	0.0	42	0.0	1500	624	0	42	0.48	0	65.2	60.5	43.0	24.5	24.5
6-7 AM	934	0.0	63	0.0	1500	934	0	63	0.51	0	64.6	59.8	41.9	24.3	24.3
7-8 AM	888	0.0	60	0.0	1500	888	0	60	0.51	0	64.7	59.9	42.1	24.4	24.4
8-9 AM	753	0.0	50	0.0	1500	753	0	50	0.50	0	65.0	60.2	42.5	24.5	24.5
9-10 AM	718	0.0	48	0.0	1500	718	0	48	0.49	0	65.0	60.3	42.7	24.5	24.5
10-11 AM	732	0.0	49	0.0	1500	732	0	49	0.49	0	65.0	60.3	42.7	24.5	24.5
11A-NOON	763	0.0	51	0.0	1500	763	0	51	0.50	0	65.0	60.2	42.5	24.5	24.5
NOON-1PM	809	0.0	55	0.0	1500	809	0	55	0.50	0	64.9	60.1	42.4	24.4	24.4
1-2 PM	850	0.0	57	0.0	1500	850	0	57	0.50	0	64.8	60.0	42.2	24.4	24.4
2-3 PM	882	0.0	59	0.0	1500	882	0	59	0.51	0	64.8	59.9	42.1	24.4	24.4
3-4 PM	930	0.0	62	0.0	1500	930	0	62	0.51	0	64.6	59.8	41.9	24.3	24.3
4-5 PM	954	0.0	64	0.0	1500	954	0	64	0.51	0	64.6	59.7	41.9	24.3	24.3
5-6 PM	875	0.0	59	0.0	1500	875	0	59	0.51	0	64.8	59.9	42.1	24.4	24.4
6-7 PM	599	0.0	40	0.0	1500	599	0	40	0.48	0	65.3	60.6	43.2	24.5	24.5
7-8 PM	453	0.0	30	0.0	1500	453	0	30	0.47	0	65.5	61.0	43.7	24.6	24.6
8-9 PM	350	0.0	24	0.0	1500	350	0	24	0.46	0	65.8	61.2	44.1	24.7	24.7
9-10 PM	262	0.0	17	0.0	1500	262	0	17	0.45	0	65.9	61.4	44.4	24.7	24.7
10-11 PM	170	0.0	11	0.0	1500	170	0	11	0.44	0	66.1	61.7	44.8	24.8	24.8
11PM-MID	91	0.0	6	0.0	1500	91	0	6	0.43	0	66.2	61.9	45.1	24.8	24.8

*----- 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	0.0143
MAIN ROUTE WITH WORKS	0.0135
DIVERSION	0.0074

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,300
CONGESTED HOURS PER DAY*	0

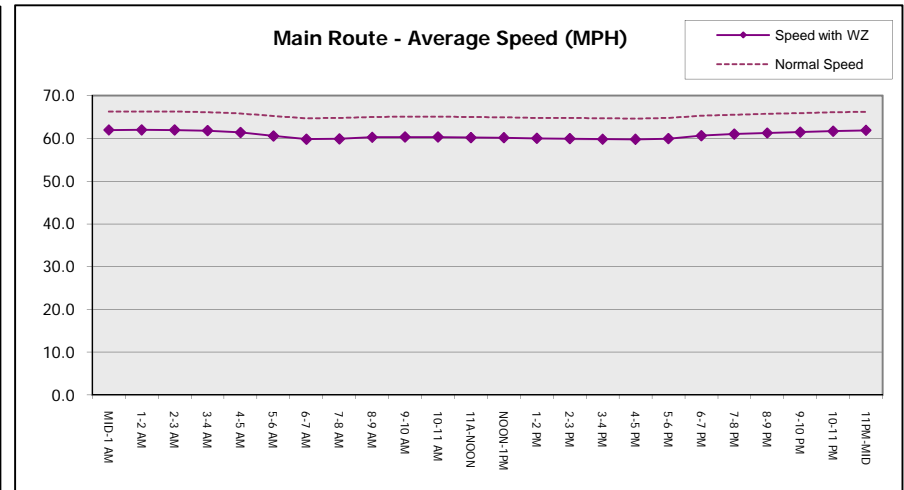
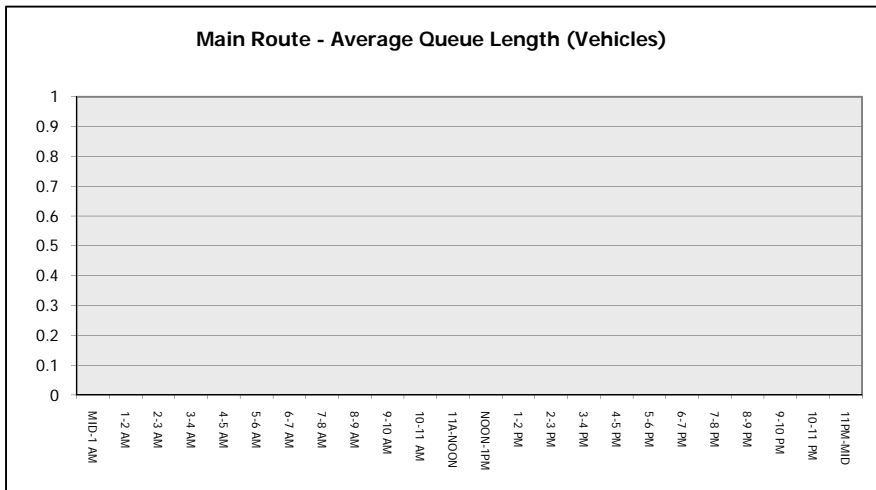
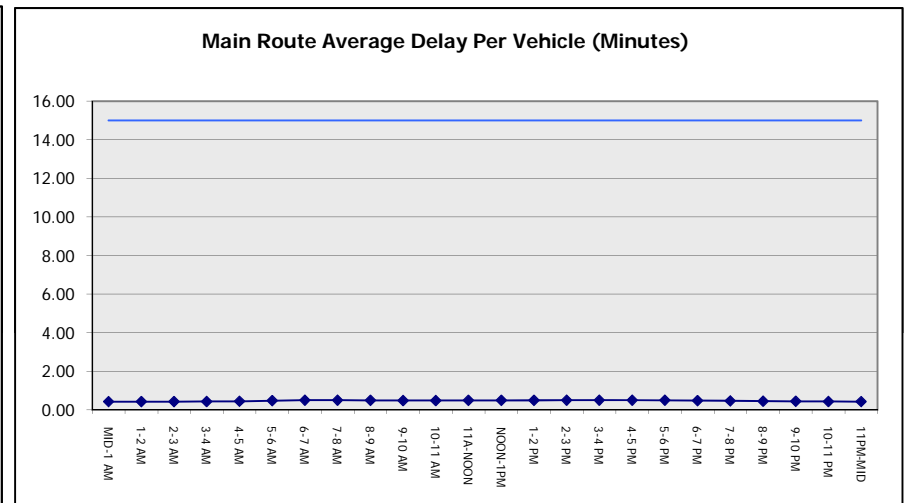
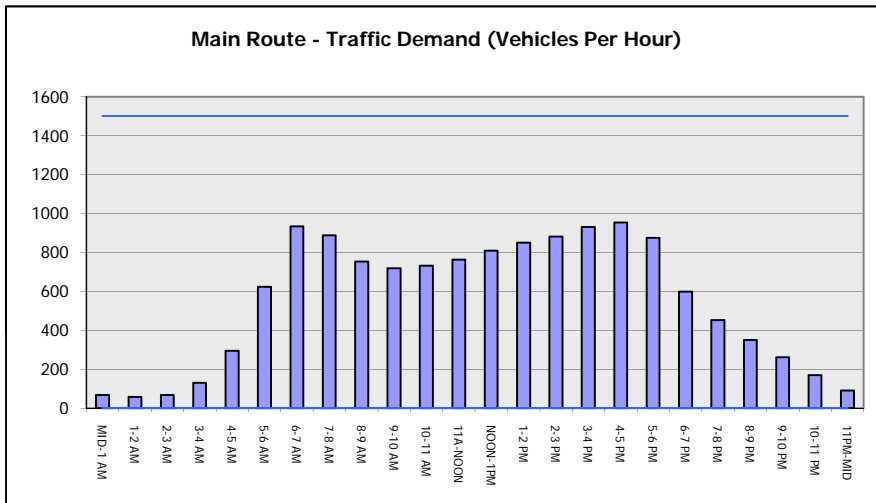
\*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: STH 84 - CTH LL**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**MON-THUR SOUTHBOUND DIRECTION**



<b>IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 84 - CTH LL</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	100	0.0	7	0.0	1500	100	0	7	0.43	0	66.2	61.9	45.1	24.8	24.8
1-2 AM	75	0.0	5	0.0	1500	75	0	5	0.43	0	66.3	61.9	45.2	24.8	24.8
2-3 AM	59	0.0	4	0.0	1500	59	0	4	0.43	0	66.3	62.0	45.3	24.8	24.8
3-4 AM	78	0.0	5	0.0	1500	78	0	5	0.43	0	66.3	61.9	45.2	24.8	24.8
4-5 AM	147	0.0	10	0.0	1500	147	0	10	0.44	0	66.1	61.7	44.9	24.8	24.8
5-6 AM	343	0.0	23	0.0	1500	343	0	23	0.46	0	65.8	61.2	44.1	24.7	24.7
6-7 AM	636	0.0	42	0.0	1500	636	0	42	0.48	0	65.2	60.5	43.0	24.5	24.5
7-8 AM	686	0.0	46	0.0	1500	686	0	46	0.49	0	65.1	60.4	42.8	24.5	24.5
8-9 AM	629	0.0	42	0.0	1500	629	0	42	0.48	0	65.2	60.5	43.0	24.5	24.5
9-10 AM	653	0.0	44	0.0	1500	653	0	44	0.49	0	65.1	60.5	42.9	24.5	24.5
10-11 AM	679	0.0	45	0.0	1500	679	0	45	0.49	0	65.1	60.4	42.8	24.5	24.5
11A-NOON	683	0.0	46	0.0	1500	683	0	46	0.49	0	65.1	60.4	42.8	24.5	24.5
NOON-1PM	711	0.0	47	0.0	1500	711	0	47	0.49	0	65.1	60.3	42.7	24.5	24.5
1-2 PM	757	0.0	50	0.0	1500	757	0	50	0.50	0	65.0	60.2	42.5	24.5	24.5
2-3 PM	867	0.0	59	0.0	1500	867	0	59	0.51	0	64.8	59.9	42.2	24.4	24.4
3-4 PM	1045	0.0	70	0.0	1500	1045	0	70	0.52	0	64.5	59.5	41.5	24.3	24.3
4-5 PM	1097	0.0	74	0.0	1500	1097	0	74	0.53	0	64.3	59.4	41.4	24.3	24.3
5-6 PM	897	0.0	60	0.0	1500	897	0	60	0.51	0	64.7	59.9	42.0	24.4	24.4
6-7 PM	613	0.0	41	0.0	1500	613	0	41	0.48	0	65.3	60.5	43.1	24.5	24.5
7-8 PM	482	0.0	32	0.0	1500	482	0	32	0.47	0	65.5	60.9	43.6	24.6	24.6
8-9 PM	422	0.0	28	0.0	1500	422	0	28	0.46	0	65.6	61.0	43.8	24.7	24.7
9-10 PM	364	0.0	25	0.0	1500	364	0	25	0.46	0	65.7	61.2	44.0	24.7	24.7
10-11 PM	265	0.0	17	0.0	1500	265	0	17	0.45	0	65.9	61.4	44.4	24.7	24.7
11PM-MID	142	0.0	9	0.0	1500	142	0	9	0.44	0	66.1	61.7	44.9	24.8	24.8

*----- 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	0.0134
MAIN ROUTE WITH WORKS	0.0126
DIVERSION	0.0070

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,211
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE  
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**MAY**  
 Analyzed for 2009  
 Construction Season

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

