

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

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	94	0.0	6	0.0	1500	94	0	6	0.43	0	66.2	61.9	45.1	24.8	24.8
1-2 AM	72	0.0	5	0.0	1500	72	0	5	0.43	0	66.3	61.9	45.2	24.8	24.8
2-3 AM	56	0.0	4	0.0	1500	56	0	4	0.43	0	66.3	62.0	45.3	24.8	24.8
3-4 AM	80	0.0	5	0.0	1500	80	0	5	0.43	0	66.3	61.9	45.1	24.8	24.8
4-5 AM	118	0.0	8	0.0	1500	118	0	8	0.43	0	66.1	61.8	45.0	24.8	24.8
5-6 AM	182	0.0	12	0.0	1500	182	0	12	0.44	0	66.1	61.7	44.8	24.7	24.7
6-7 AM	289	0.0	20	0.0	1500	289	0	20	0.45	0	65.8	61.4	44.3	24.7	24.7
7-8 AM	456	0.0	31	0.0	1500	456	0	31	0.47	0	65.5	61.0	43.7	24.6	24.6
8-9 AM	582	0.0	39	0.0	1500	582	0	39	0.48	0	65.3	60.7	43.2	24.5	24.5
9-10 AM	760	0.0	51	0.0	1500	760	0	51	0.50	0	65.0	60.2	42.5	24.5	24.5
10-11 AM	865	0.0	58	0.0	1500	865	0	58	0.51	0	64.8	59.9	42.2	24.4	24.4
11A-NOON	876	0.0	59	0.0	1500	876	0	59	0.51	0	64.8	59.9	42.1	24.4	24.4
NOON-1PM	862	0.0	58	0.0	1500	862	0	58	0.51	0	64.8	60.0	42.2	24.4	24.4
1-2 PM	870	0.0	59	0.0	1500	870	0	59	0.51	0	64.8	59.9	42.2	24.4	24.4
2-3 PM	871	0.0	59	0.0	1500	871	0	59	0.51	0	64.8	59.9	42.2	24.4	24.4
3-4 PM	851	0.0	58	0.0	1500	851	0	58	0.50	0	64.8	60.0	42.2	24.4	24.4
4-5 PM	861	0.0	58	0.0	1500	861	0	58	0.51	0	64.8	60.0	42.2	24.4	24.4
5-6 PM	817	0.0	55	0.0	1500	817	0	55	0.50	0	64.8	60.1	42.4	24.4	24.4
6-7 PM	668	0.0	45	0.0	1500	668	0	45	0.49	0	65.1	60.4	42.8	24.5	24.5
7-8 PM	523	0.0	35	0.0	1500	523	0	35	0.47	0	65.4	60.8	43.4	24.6	24.6
8-9 PM	503	0.0	34	0.0	1500	503	0	34	0.47	0	65.5	60.9	43.5	24.6	24.6
9-10 PM	403	0.0	27	0.0	1500	403	0	27	0.46	0	65.6	61.1	43.9	24.7	24.7
10-11 PM	319	0.0	22	0.0	1500	319	0	22	0.45	0	65.8	61.3	44.2	24.7	24.7
11PM-MID	216	0.0	14	0.0	1500	216	0	14	0.44	0	66.0	61.5	44.6	24.7	24.7

----- 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	0.0132
MAIN ROUTE WITH WORKS	0.0124
DIVERSION	0.0068

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

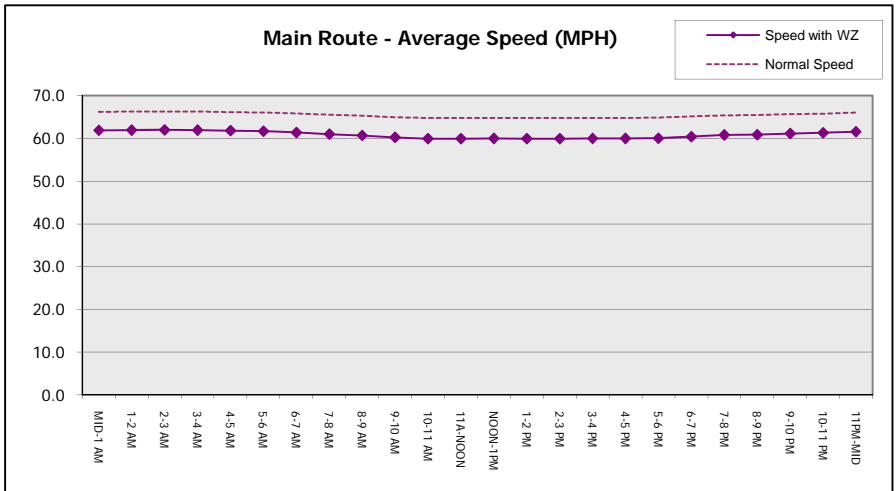
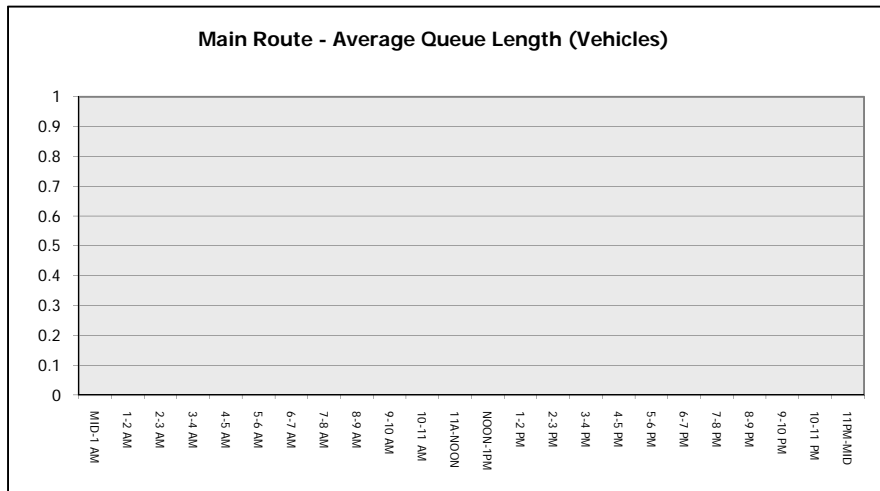
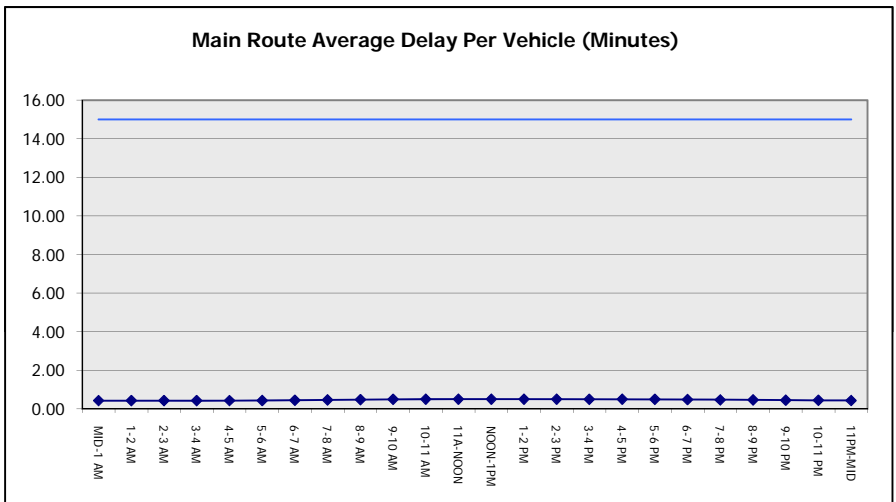
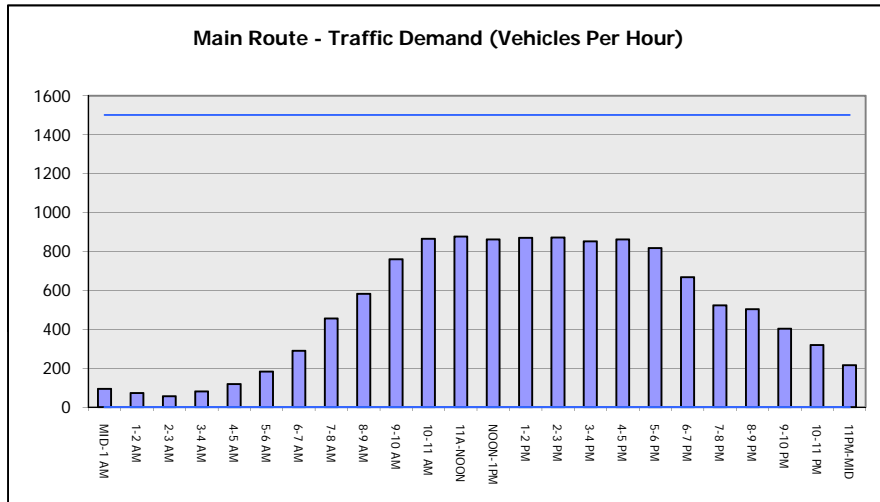
ROAD USER COSTS PER DAY (DOLLARS)	\$1,514
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY SOUTHBOUND DIRECTION



IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 84 - CTH LL	OCTOBER
	Analyzed for 2009 Construction Season

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	178	0.0	12	0.0	1500	178	0	12	0.44	0	66.1	61.7	44.8	24.7	24.7
1-2 AM	118	0.0	8	0.0	1500	118	0	8	0.43	0	66.1	61.8	45.0	24.8	24.8
2-3 AM	76	0.0	5	0.0	1500	76	0	5	0.43	0	66.3	61.9	45.2	24.8	24.8
3-4 AM	79	0.0	5	0.0	1500	79	0	5	0.43	0	66.3	61.9	45.1	24.8	24.8
4-5 AM	99	0.0	6	0.0	1500	99	0	6	0.43	0	66.2	61.9	45.1	24.8	24.8
5-6 AM	175	0.0	11	0.0	1500	175	0	11	0.44	0	66.1	61.7	44.8	24.8	24.8
6-7 AM	278	0.0	19	0.0	1500	278	0	19	0.45	0	65.9	61.4	44.4	24.7	24.7
7-8 AM	495	0.0	33	0.0	1500	495	0	33	0.47	0	65.5	60.9	43.5	24.6	24.6
8-9 AM	757	0.0	50	0.0	1500	757	0	50	0.50	0	65.0	60.2	42.5	24.5	24.5
9-10 AM	883	0.0	60	0.0	1500	883	0	60	0.51	0	64.8	59.9	42.1	24.4	24.4
10-11 AM	1090	0.0	73	0.0	1500	1090	0	73	0.53	0	64.3	59.4	41.4	24.3	24.3
11A-NOON	1135	0.0	76	0.0	1500	1135	0	76	0.55	0	64.3	59.1	40.6	24.3	24.3
NOON-1PM	1100	0.0	74	0.0	1500	1100	0	74	0.53	0	64.3	59.4	41.4	24.3	24.3
1-2 PM	1017	0.0	68	0.0	1500	1017	0	68	0.52	0	64.5	59.6	41.6	24.3	24.3
2-3 PM	996	0.0	67	0.0	1500	996	0	67	0.52	0	64.5	59.6	41.7	24.3	24.3
3-4 PM	968	0.0	65	0.0	1500	968	0	65	0.52	0	64.6	59.7	41.8	24.3	24.3
4-5 PM	944	0.0	64	0.0	1500	944	0	64	0.51	0	64.6	59.7	41.9	24.3	24.3
5-6 PM	906	0.0	61	0.0	1500	906	0	61	0.51	0	64.7	59.9	42.0	24.3	24.3
6-7 PM	735	0.0	49	0.0	1500	735	0	49	0.49	0	65.0	60.3	42.6	24.5	24.5
7-8 PM	588	0.0	39	0.0	1500	588	0	39	0.48	0	65.3	60.6	43.2	24.5	24.5
8-9 PM	511	0.0	34	0.0	1500	511	0	34	0.47	0	65.5	60.8	43.5	24.6	24.6
9-10 PM	412	0.0	28	0.0	1500	412	0	28	0.46	0	65.6	61.0	43.8	24.7	24.7
10-11 PM	342	0.0	23	0.0	1500	342	0	23	0.46	0	65.8	61.2	44.1	24.7	24.7
11PM-MID	245	0.0	16	0.0	1500	245	0	16	0.45	0	66.0	61.5	44.5	24.7	24.7

----- 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	0.0153
MAIN ROUTE WITH WORKS	0.0143
DIVERSION	0.0079

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,800
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY NORTHBOUND DIRECTION

