

<b>IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH C - CTH W - STH 60</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	260	0.0	31	0.0	1500	260	0	31	0.45	0	65.9	56.1	44.5	19.7	19.7
1-2 AM	151	0.0	19	0.0	1500	151	0	19	0.44	0	66.1	56.4	44.9	19.7	19.7
2-3 AM	92	0.0	11	0.0	1500	92	0	11	0.43	0	66.2	56.6	45.1	19.8	19.8
3-4 AM	75	0.0	9	0.0	1500	75	0	9	0.43	0	66.3	56.6	45.2	19.8	19.8
4-5 AM	104	0.0	12	0.0	1500	104	0	12	0.43	0	66.2	56.6	45.1	19.8	19.8
5-6 AM	198	0.0	24	0.0	1500	198	0	24	0.44	0	66.0	56.3	44.7	19.7	19.7
6-7 AM	329	0.0	39	0.0	1500	329	0	39	0.45	0	65.8	55.8	44.2	19.6	19.6
7-8 AM	494	0.0	59	0.0	1500	494	0	59	0.47	0	65.5	55.3	43.5	19.5	19.5
8-9 AM	853	0.0	102	0.0	1500	853	0	102	0.51	0	64.8	54.2	42.2	19.3	19.3
9-10 AM	1037	0.0	123	0.0	1499	1037	0	123	0.52	0	64.5	53.7	41.5	19.1	19.1
10-11 AM	1406	0.0	168	0.0	1499	1406	0	168	0.90	0	63.8	47.5	33.0	18.8	18.8
11A-NOON	1797	0.0	214	0.0	1500	1747	50	264	4.70	118	63.0	22.8	30.8	18.6	18.3
NOON-1PM	2028	0.0	242	0.0	1499	1504	524	766	10.01	243	62.6	13.2	30.8	18.4	15.1
1-2 PM	2145	0.0	255	0.0	1499	1515	630	885	10.66	261	62.4	12.6	30.8	18.3	14.3
2-3 PM	2168	0.0	258	0.0	1499	1505	663	921	10.87	266	62.3	12.4	30.8	18.3	14.2
3-4 PM	2309	0.0	275	0.0	1500	1531	778	1053	11.69	289	62.1	11.7	30.8	18.2	13.4
4-5 PM	2441	0.0	290	0.0	1500	1527	914	1204+	12.80	320	61.5	11.1	30.8	18.1	12.7
5-6 PM	2418	0.0	288	0.0	1499	1487	931	1219+	12.93	323	61.7	11.1	30.8	18.1	12.6
6-7 PM	2252	0.0	268	0.0	1500	1447	805	1072	11.84	294	62.2	11.7	30.8	18.2	13.4
7-8 PM	1522	0.0	181	0.0	1499	1353	169	350	7.64	183	63.5	16.3	31.0	18.8	17.7
8-9 PM	944	0.0	112	0.0	1500	944	0	112	0.86	15	64.6	48.5	41.6	19.2	19.2
9-10 PM	668	0.0	79	0.0	1500	668	0	79	0.49	0	65.1	54.8	42.8	19.4	19.4
10-11 PM	378	0.0	45	0.0	1500	378	0	45	0.46	0	65.7	55.7	44.0	19.6	19.6
11PM-MID	272	0.0	32	0.0	1500	272	0	32	0.45	0	65.9	56.0	44.4	19.7	19.7

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0117
MAIN ROUTE WITH WORKS	0.0079
DIVERSION	0.0323

PIA: Personal Injury Accidents

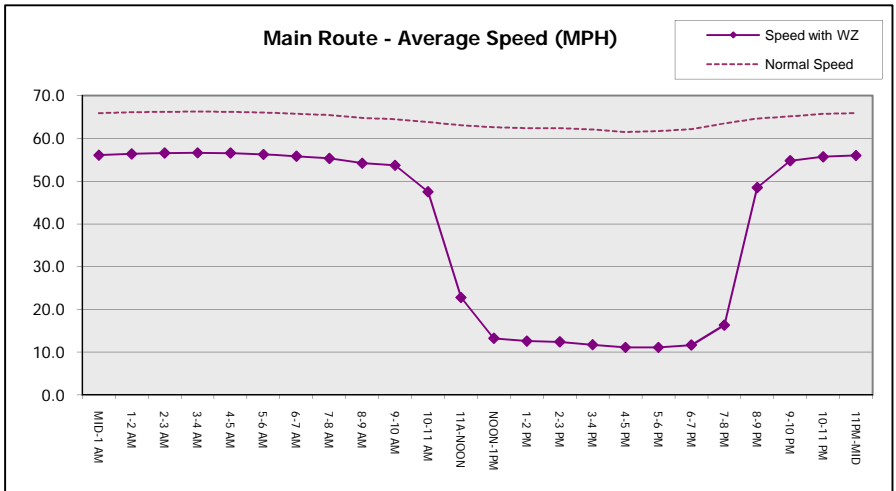
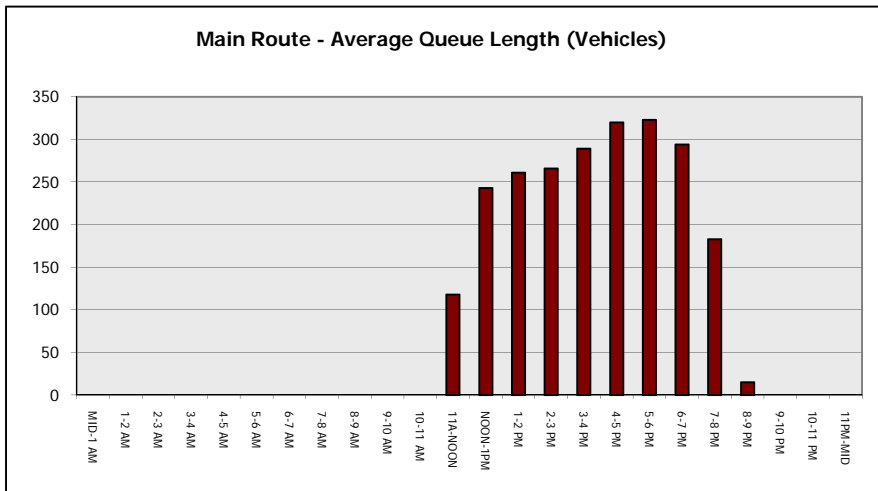
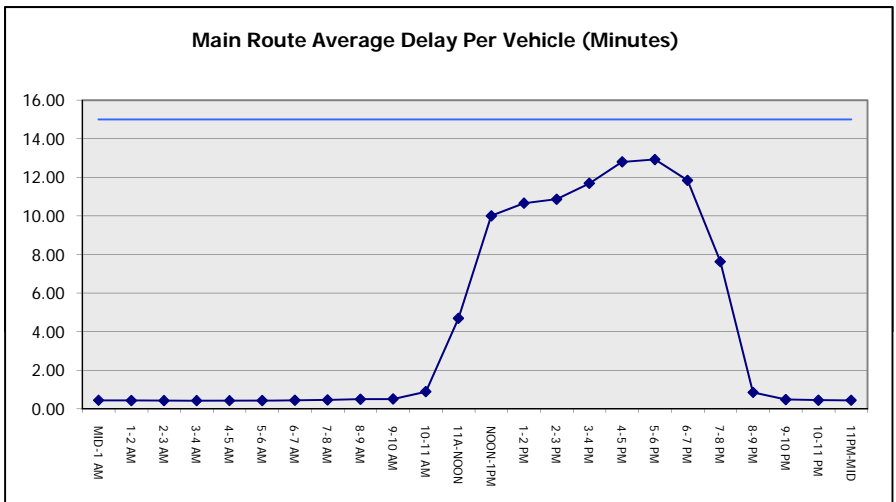
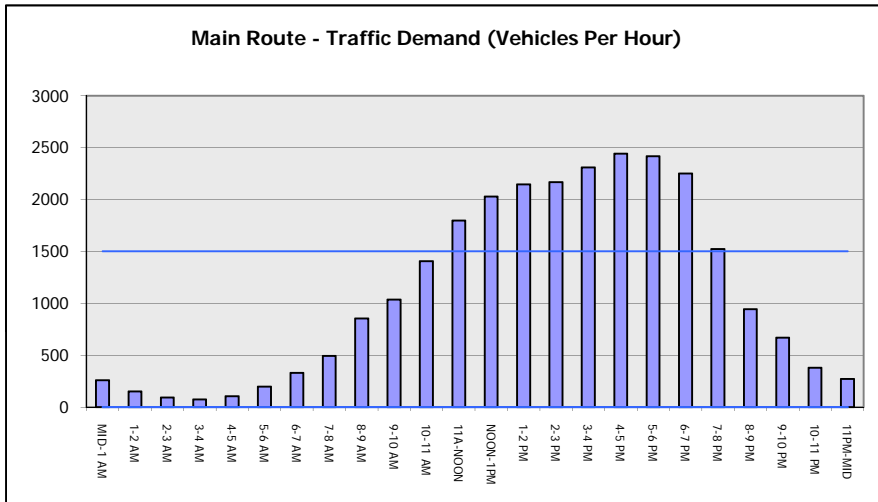
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$60,469
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)  
 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: CTH C - CTH W - STH 60**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY SOUTHBOUND DIRECTION**



<b>IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH C - CTH W - STH 60</b>	<b>OCTOBER</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	354	0.0	42	0.0	1500	354	0	42	0.46	0	65.7	55.8	44.1	19.6	19.6
1-2 AM	177	0.0	22	0.0	1500	177	0	22	0.44	0	66.1	56.3	44.8	19.7	19.7
2-3 AM	138	0.0	16	0.0	1500	138	0	16	0.44	0	66.1	56.4	45.0	19.7	19.7
3-4 AM	112	0.0	13	0.0	1500	112	0	13	0.43	0	66.2	56.5	45.0	19.8	19.8
4-5 AM	98	0.0	11	0.0	1500	98	0	11	0.43	0	66.2	56.6	45.1	19.8	19.8
5-6 AM	137	0.0	16	0.0	1500	137	0	16	0.44	0	66.1	56.4	45.0	19.7	19.7
6-7 AM	374	0.0	44	0.0	1500	374	0	44	0.46	0	65.7	55.7	44.0	19.6	19.6
7-8 AM	750	0.0	90	0.0	1500	750	0	90	0.50	0	65.0	54.5	42.6	19.3	19.3
8-9 AM	970	0.0	115	0.0	1500	970	0	115	0.52	0	64.6	53.9	41.8	19.1	19.1
9-10 AM	1112	0.0	133	0.0	1500	1112	0	133	0.53	0	64.3	53.5	41.3	19.1	19.1
10-11 AM	1273	0.0	151	0.0	1499	1273	0	151	0.73	0	64.0	50.1	36.3	18.9	18.9
11A-NOON	1521	0.0	181	0.0	1499	1521	0	181	1.28	7	63.5	42.8	31.0	18.8	18.8
NOON-1PM	1608	0.0	191	0.0	1500	1608	0	191	3.93	82	63.4	25.5	30.8	18.7	18.7
1-2 PM	1609	0.0	191	0.0	1499	1550	59	250	7.55	177	63.4	16.5	30.8	18.7	18.3
2-3 PM	1669	0.0	199	0.0	1500	1508	160	359	8.22	194	63.3	15.5	30.8	18.6	17.6
3-4 PM	1749	0.0	208	0.0	1500	1507	242	450	8.57	204	63.2	15.0	30.8	18.6	17.1
4-5 PM	1633	0.0	194	0.0	1499	1481	151	346	8.17	193	63.3	15.5	30.8	18.7	17.7
5-6 PM	1399	0.0	167	0.0	1499	1394	5	172	6.27	145	63.8	18.9	30.9	18.8	18.8
6-7 PM	1157	0.0	138	0.0	1500	1157	0	138	0.89	11	64.2	47.9	39.1	19.0	19.0
7-8 PM	932	0.0	111	0.0	1500	932	0	111	0.51	0	64.6	54.0	41.9	19.2	19.2
8-9 PM	701	0.0	83	0.0	1500	701	0	83	0.49	0	65.1	54.7	42.7	19.4	19.4
9-10 PM	518	0.0	62	0.0	1500	518	0	62	0.47	0	65.4	55.3	43.4	19.5	19.5
10-11 PM	406	0.0	48	0.0	1500	406	0	48	0.46	0	65.6	55.6	43.8	19.6	19.6
11PM-MID	295	0.0	35	0.0	1500	295	0	35	0.45	0	65.8	56.0	44.3	19.7	19.7

*----- 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	0.0092
MAIN ROUTE WITH WORKS	0.0076
DIVERSION	0.0116

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$22,352
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)  
 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: CTH C - CTH W - STH 60**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY NORTHBOUND DIRECTION**

