

<b>IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)</b> <b>OFF-PEAK DAY 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**

FRIDAY                      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	144	0.0	17	0.0	OFF	144	0	17	0.00	0	66.1	66.1	66.1	19.7	19.7
1-2 AM	118	0.0	14	0.0	OFF	118	0	14	0.00	0	66.1	66.1	66.1	19.8	19.8
2-3 AM	102	0.0	12	0.0	OFF	102	0	12	0.00	0	66.2	66.2	66.2	19.8	19.8
3-4 AM	165	0.0	20	0.0	OFF	165	0	20	0.00	0	66.1	66.1	66.1	19.7	19.7
4-5 AM	321	0.0	38	0.0	OFF	321	0	38	0.00	0	65.8	65.8	65.8	19.6	19.6
5-6 AM	1078	0.0	129	0.0	OFF	1078	0	129	0.00	0	64.4	64.4	64.4	19.1	19.1
6-7 AM	2352	0.0	280	0.0	OFF	2352	0	280	0.00	0	62.0	62.0	62.0	18.1	18.1
7-8 AM	2922	0.0	348	0.0	OFF	2922	0	348	0.00	0	56.6	56.6	56.6	17.7	17.7
8-9 AM	2005	0.0	239	0.0	OFF	2005	0	239	0.00	0	62.7	62.7	62.7	18.4	18.4
9-10 AM	1464	0.0	174	0.0	1499	1464	0	174	1.19	6	63.7	43.8	31.9	18.8	18.8
10-11 AM	1393	0.0	166	0.0	1500	1393	0	166	0.89	0	63.8	47.8	33.2	18.8	18.8
11A-NOON	1463	0.0	174	0.0	1499	1463	0	174	0.98	0	63.7	46.5	31.5	18.8	18.8
NOON-1PM	1519	0.0	181	0.0	1499	1519	0	181	1.28	7	63.5	42.8	30.8	18.8	18.8
1-2 PM	1548	0.0	184	0.0	1500	1548	0	184	2.42	38	63.5	33.2	30.8	18.8	18.8
2-3 PM	1671	0.0	199	0.0	1500	1644	26	225	6.01	141	63.3	19.4	30.8	18.6	18.4
3-4 PM	1751	0.0	208	0.0	1499	1494	257	465	8.64	205	63.1	14.9	30.8	18.6	17.0
4-5 PM	1703	0.0	203	0.0	OFF	1703	0	203	0.15	9	63.2	59.7	59.7	18.6	18.6
5-6 PM	1892	0.0	225	0.0	OFF	1892	0	225	0.00	0	62.8	62.8	62.8	18.4	18.4
6-7 PM	1443	0.0	172	0.0	OFF	1443	0	172	0.00	0	63.7	63.7	63.7	18.8	18.8
7-8 PM	1038	0.0	123	0.0	OFF	1038	0	123	0.00	0	64.5	64.5	64.5	19.1	19.1
8-9 PM	744	0.0	88	0.0	OFF	744	0	88	0.00	0	65.0	65.0	65.0	19.3	19.3
9-10 PM	614	0.0	73	0.0	OFF	614	0	73	0.00	0	65.3	65.3	65.3	19.4	19.4
10-11 PM	557	0.0	66	0.0	OFF	557	0	66	0.00	0	65.3	65.3	65.3	19.4	19.4
11PM-MID	370	0.0	44	0.0	OFF	370	0	44	0.00	0	65.7	65.7	65.7	19.6	19.6

**"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)**

*----- 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	0.0127
MAIN ROUTE WITH WORKS	0.0118
DIVERSION	0.0138

PIA: Personal Injury Accidents

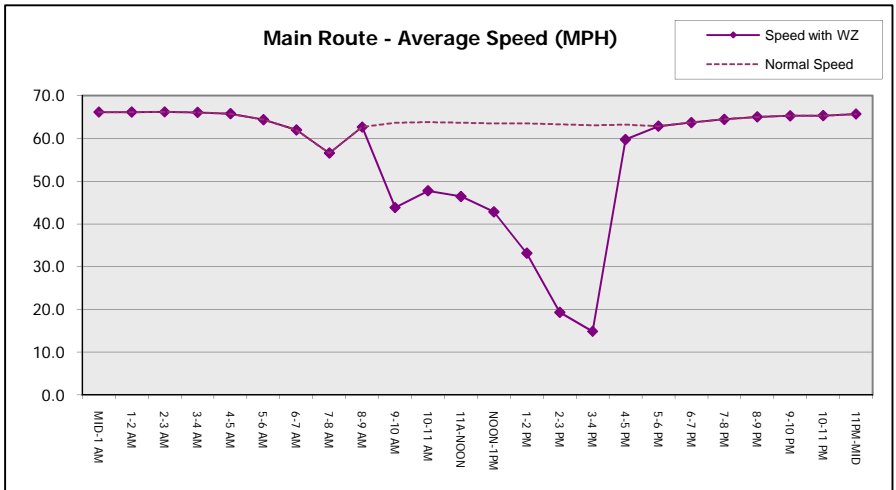
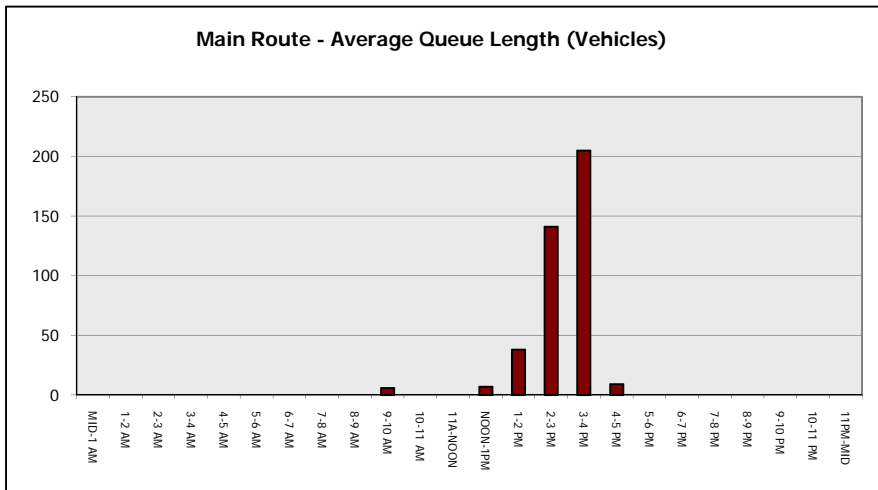
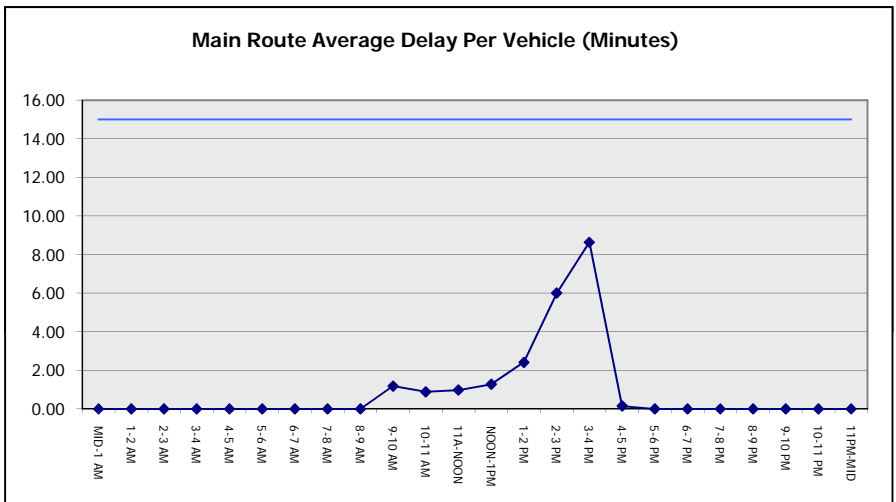
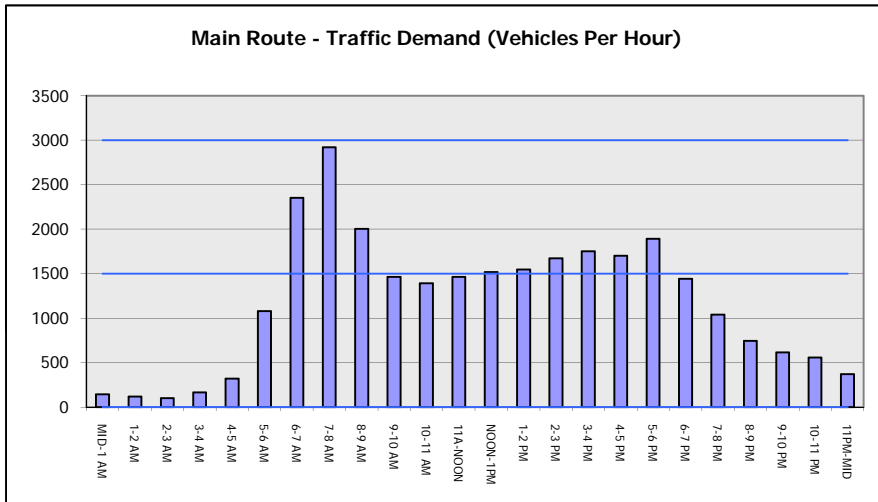
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$7,856
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)**  
**OFF-PEAK DAY CLOSURE**  
**DIVERSION ROUTE: CTH C - CTH W - STH 60**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

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



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

<b>SUMMARY OF TRAFFIC MODEL OUTPUT</b>	
FRIDAY	NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							TOTAL			AVERAGE SPEEDS IN MPH					
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	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	271	0.0	32	0.0	OFF	271	0	32	0.00	0	65.9	65.9	65.9	19.7	19.7	
1-2 AM	169	0.0	20	0.0	OFF	169	0	20	0.00	0	66.1	66.1	66.1	19.7	19.7	
2-3 AM	150	0.0	17	0.0	OFF	150	0	17	0.00	0	66.1	66.1	66.1	19.7	19.7	
3-4 AM	161	0.0	20	0.0	OFF	161	0	20	0.00	0	66.1	66.1	66.1	19.7	19.7	
4-5 AM	203	0.0	24	0.0	OFF	203	0	24	0.00	0	66.0	66.0	66.0	19.7	19.7	
5-6 AM	454	0.0	54	0.0	OFF	454	0	54	0.00	0	65.5	65.5	65.5	19.6	19.6	
6-7 AM	1068	0.0	128	0.0	OFF	1068	0	128	0.00	0	64.4	64.4	64.4	19.1	19.1	
7-8 AM	1331	0.0	158	0.0	OFF	1331	0	158	0.00	0	63.9	63.9	63.9	18.9	18.9	
8-9 AM	1313	0.0	156	0.0	OFF	1313	0	156	0.00	0	64.0	64.0	64.0	18.9	18.9	
9-10 AM	1405	0.0	167	0.0	1499	1405	0	167	0.90	0	63.8	47.5	32.9	18.8	18.8	
10-11 AM	1672	0.0	199	0.0	1499	1672	0	199	3.10	67	63.3	29.2	30.8	18.6	18.6	
11A-NOON	1985	0.0	236	0.0	1499	1574	411	646	9.42	228	62.7	13.9	30.8	18.4	15.8	
NOON-1PM	2096	0.0	249	0.0	1499	1514	582	831	10.35	253	62.5	12.9	30.8	18.3	14.7	
1-2 PM	2200	0.0	261	0.0	1499	1527	673	934	10.94	269	62.3	12.3	30.8	18.3	14.1	
2-3 PM	2659	0.0	316	0.0	1500	1626	1032	1348+	13.98	356	59.2	10.6	30.8	17.9	12.0	
3-4 PM	3071	0.0	365	0.0	1499	1560	1510	1875+	17.78	465	55.0	9.4	30.8	17.6	10.5	
4-5 PM	3340	0.0	397	0.0	OFF	3340	0	397	2.88	169	52.3	27.6	27.6	17.4	17.4	
5-6 PM	3319	0.0	395	0.0	OFF	3319	0	395	0.00	0	52.5	52.5	52.5	17.4	17.4	
6-7 PM	2624	0.0	312	0.0	OFF	2624	0	312	0.00	0	59.6	59.6	59.6	17.9	17.9	
7-8 PM	1697	0.0	202	0.0	OFF	1697	0	202	0.00	0	63.2	63.2	63.2	18.6	18.6	
8-9 PM	1381	0.0	165	0.0	OFF	1381	0	165	0.00	0	63.8	63.8	63.8	18.9	18.9	
9-10 PM	1164	0.0	139	0.0	OFF	1164	0	139	0.00	0	64.2	64.2	64.2	19.0	19.0	
10-11 PM	908	0.0	108	0.0	OFF	908	0	108	0.00	0	64.7	64.7	64.7	19.2	19.2	
11PM-MID	532	0.0	63	0.0	OFF	532	0	63	0.00	0	65.4	65.4	65.4	19.5	19.5	

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0157
MAIN ROUTE WITH WORKS	0.0131
DIVERSION	0.0315

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$38,093
CONGESTED HOURS PER DAY*	1

\*Delays Exceeding 15 Minutes

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**DIVERSION ROUTE: CTH C - CTH W - STH 60**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

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

