

<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**

**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	1500	144	0	17	0.44	0	66.1	56.4	44.9	19.7	19.7
1-2 AM	118	0.0	14	0.0	1500	118	0	14	0.43	0	66.1	56.5	45.0	19.8	19.8
2-3 AM	102	0.0	12	0.0	1500	102	0	12	0.43	0	66.2	56.6	45.1	19.8	19.8
3-4 AM	165	0.0	20	0.0	1500	165	0	20	0.44	0	66.1	56.4	44.8	19.7	19.7
4-5 AM	321	0.0	38	0.0	1500	321	0	38	0.45	0	65.8	55.9	44.2	19.6	19.6
5-6 AM	1078	0.0	129	0.0	1499	1078	0	129	0.65	0	64.4	51.6	38.5	19.1	19.1
6-7 AM	2352	0.0	280	0.0	1499	1859	493	773	9.30	248	62.0	14.3	30.8	18.1	15.3
7-8 AM	2922	0.0	348	0.0	1500	1611	1311	1659+	17.21	448	56.6	9.6	30.8	17.7	10.7
8-9 AM	2005	0.0	239	0.0	1499	1243	762	1001	11.48	293	62.7	12.2	31.2	18.4	14.0
9-10 AM	1464	0.0	174	0.0	1500	1410	54	227	7.25	169	63.7	17.0	30.8	18.8	18.4
10-11 AM	1393	0.0	166	0.0	1500	1393	0	166	3.39	69	63.8	27.9	31.2	18.8	18.8
11A-NOON	1463	0.0	174	0.0	1500	1463	0	174	1.07	2	63.7	45.3	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	1499	1496	207	409	8.41	199	63.2	15.2	30.8	18.6	17.3
5-6 PM	1892	0.0	225	0.0	1500	1517	375	600	9.21	221	62.8	14.2	30.8	18.4	16.1
6-7 PM	1443	0.0	172	0.0	1499	1380	64	235	7.01	164	63.7	17.4	30.8	18.8	18.4
7-8 PM	1038	0.0	123	0.0	1500	1038	0	124	0.86	12	64.5	48.5	40.7	19.1	19.1
8-9 PM	744	0.0	88	0.0	1500	744	0	88	0.49	0	65.0	54.6	42.6	19.3	19.3
9-10 PM	614	0.0	73	0.0	1500	614	0	73	0.48	0	65.3	55.0	43.1	19.4	19.4
10-11 PM	557	0.0	66	0.0	1500	557	0	66	0.48	0	65.3	55.1	43.3	19.4	19.4
11PM-MID	370	0.0	44	0.0	1500	370	0	44	0.46	0	65.7	55.7	44.0	19.6	19.6

+ 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	0.0127
MAIN ROUTE WITH WORKS	0.0094
DIVERSION	0.0260

PIA: Personal Injury Accidents

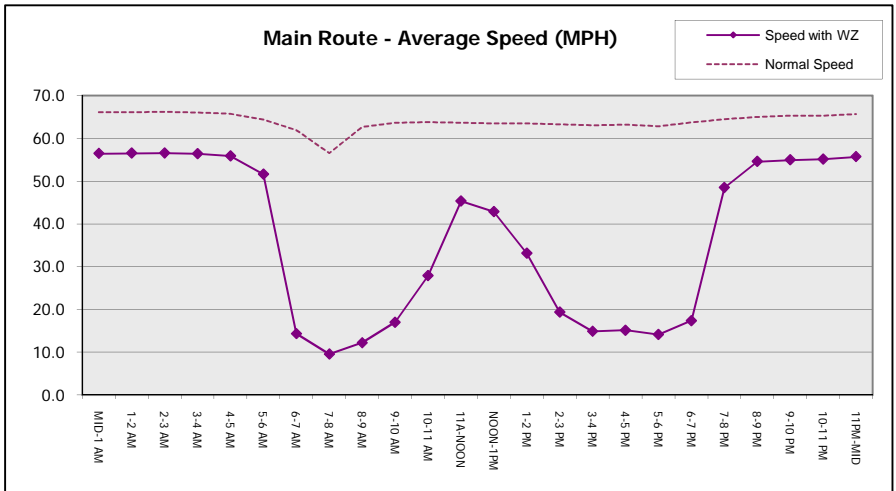
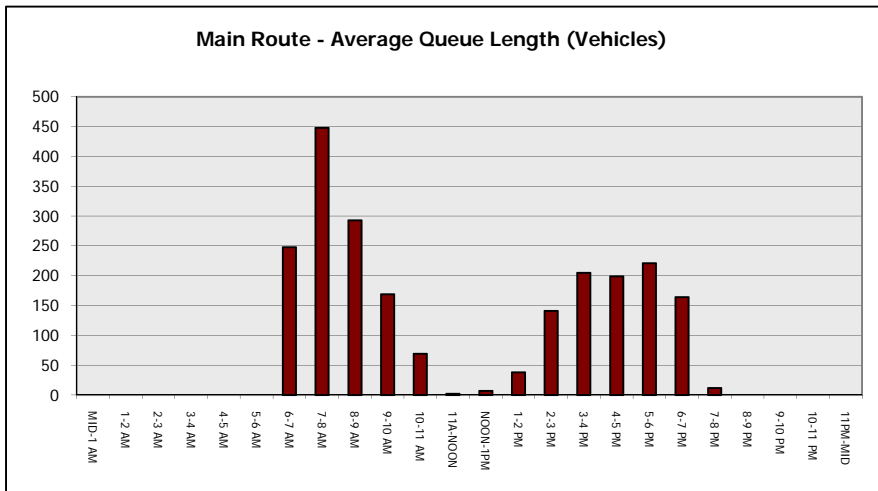
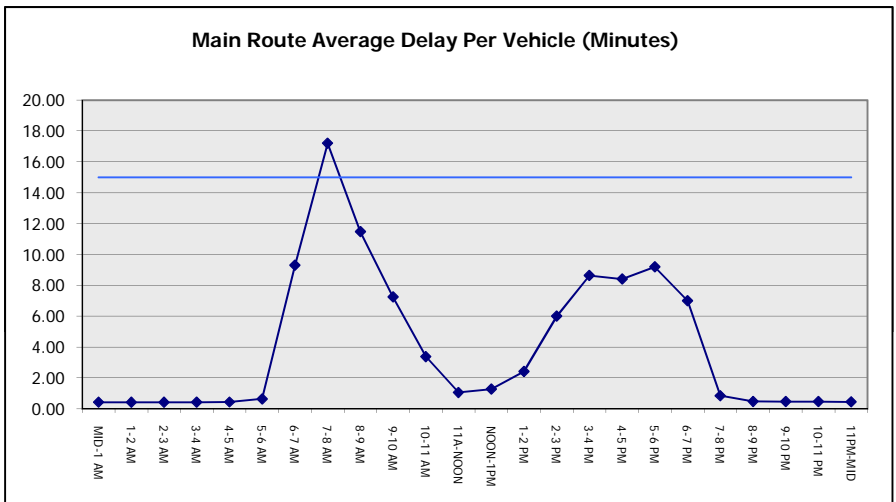
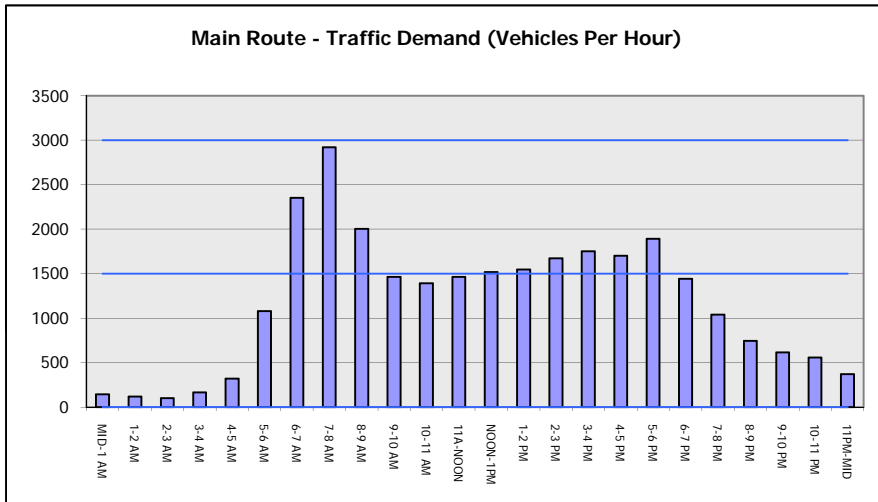
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$44,055
CONGESTED HOURS PER DAY*	1

\*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**  
**FRIDAY 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**

FRIDAY      NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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		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	271	0.0	32	0.0	1500	271	0	32	0.45	0	65.9	56.0	44.4	19.7	19.7
1-2 AM	169	0.0	20	0.0	1500	169	0	20	0.44	0	66.1	56.3	44.8	19.7	19.7
2-3 AM	150	0.0	17	0.0	1500	150	0	17	0.44	0	66.1	56.4	44.9	19.7	19.7
3-4 AM	161	0.0	20	0.0	1500	161	0	20	0.44	0	66.1	56.4	44.8	19.7	19.7
4-5 AM	203	0.0	24	0.0	1500	203	0	24	0.44	0	66.0	56.3	44.6	19.7	19.7
5-6 AM	454	0.0	54	0.0	1500	454	0	54	0.47	0	65.5	55.5	43.7	19.6	19.6
6-7 AM	1068	0.0	128	0.0	1500	1068	0	128	0.53	0	64.4	53.6	41.4	19.1	19.1
7-8 AM	1331	0.0	158	0.0	1500	1331	0	158	0.81	0	63.9	48.9	34.7	18.9	18.9
8-9 AM	1313	0.0	156	0.0	1500	1313	0	156	0.78	0	64.0	49.2	35.1	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	1500	1500	1840	2238+	17.97	475	52.3	9.3	30.8	17.4	10.4
5-6 PM	3319	0.0	395	0.0	1500	1500	1819	2214+	17.99	475	52.5	9.3	30.8	17.4	10.4
6-7 PM	2624	0.0	312	0.0	1500	1363	1261	1572+	16.50	425	59.6	9.8	30.8	17.9	11.1
7-8 PM	1697	0.0	202	0.0	1500	1343	355	556	9.03	221	63.2	14.3	31.3	18.6	16.4
8-9 PM	1381	0.0	165	0.0	1499	1381	0	165	5.89	136	63.8	19.7	31.3	18.9	18.9
9-10 PM	1164	0.0	139	0.0	1500	1164	0	139	0.79	6	64.2	49.4	39.2	19.0	19.0
10-11 PM	908	0.0	108	0.0	1500	908	0	108	0.51	0	64.7	54.1	42.0	19.2	19.2
11PM-MID	532	0.0	63	0.0	1500	532	0	63	0.47	0	65.4	55.2	43.4	19.5	19.5

+ 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	0.0098
DIVERSION	0.0514

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$83,037
CONGESTED HOURS PER DAY*	4

\*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**  
**FRIDAY NORTHBOUND DIRECTION**

