

<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>MAY</b>
	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	127	0.0	15	0.0	1500	127	0	15	0.43	0	66.1	56.5	45.0	19.7	19.7
1-2 AM	99	0.0	11	0.0	1500	99	0	11	0.43	0	66.2	56.6	45.1	19.8	19.8
2-3 AM	93	0.0	11	0.0	1500	93	0	11	0.43	0	66.2	56.6	45.1	19.8	19.8
3-4 AM	146	0.0	18	0.0	1500	146	0	18	0.44	0	66.1	56.4	44.9	19.7	19.7
4-5 AM	364	0.0	43	0.0	1500	364	0	43	0.46	0	65.7	55.7	44.0	19.6	19.6
5-6 AM	1075	0.0	128	0.0	1499	1075	0	128	0.64	0	64.4	51.7	38.7	19.1	19.1
6-7 AM	2295	0.0	273	0.0	1499	1839	457	730	8.82	234	62.1	14.8	30.8	18.2	15.5
7-8 AM	2756	0.0	327	0.0	1500	1571	1184	1512+	15.62	401	58.2	10.1	30.8	17.8	11.3
8-9 AM	1931	0.0	230	0.0	1499	1294	637	867	10.62	266	62.8	12.9	31.1	18.4	14.7
9-10 AM	1342	0.0	160	0.0	1499	1324	18	178	5.31	127	63.9	21.2	32.0	18.9	18.8
10-11 AM	1307	0.0	155	0.0	1500	1307	0	156	0.84	1	64.0	48.4	35.2	18.9	18.9
11A-NOON	1365	0.0	163	0.0	1500	1365	0	163	0.85	0	63.8	48.3	33.8	18.9	18.9
NOON-1PM	1383	0.0	165	0.0	1500	1383	0	165	0.87	0	63.8	47.9	33.3	18.9	18.9
1-2 PM	1369	0.0	163	0.0	1499	1369	0	163	0.86	0	63.8	48.2	33.7	18.9	18.9
2-3 PM	1490	0.0	177	0.0	1499	1490	0	177	1.06	1	63.6	45.4	31.1	18.8	18.8
3-4 PM	1546	0.0	184	0.0	1500	1546	0	184	2.00	27	63.5	36.1	30.8	18.8	18.8
4-5 PM	1549	0.0	184	0.0	1499	1549	0	184	3.70	73	63.5	26.5	30.8	18.8	18.8
5-6 PM	1661	0.0	198	0.0	1500	1586	75	273	7.37	173	63.3	16.8	30.8	18.6	18.2
6-7 PM	1143	0.0	136	0.0	1499	1143	0	136	2.12	66	64.3	35.5	37.1	19.0	19.0
7-8 PM	829	0.0	99	0.0	1500	829	0	99	0.50	0	64.8	54.3	42.3	19.3	19.3
8-9 PM	660	0.0	78	0.0	1500	660	0	78	0.49	0	65.1	54.8	42.9	19.4	19.4
9-10 PM	530	0.0	63	0.0	1500	530	0	63	0.47	0	65.4	55.2	43.4	19.5	19.5
10-11 PM	395	0.0	47	0.0	1500	395	0	47	0.46	0	65.6	55.6	43.9	19.6	19.6
11PM-MID	223	0.0	27	0.0	1500	223	0	27	0.44	0	66.0	56.2	44.6	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	0.0115
MAIN ROUTE WITH WORKS	0.0089
DIVERSION	0.0204

PIA: Personal Injury Accidents

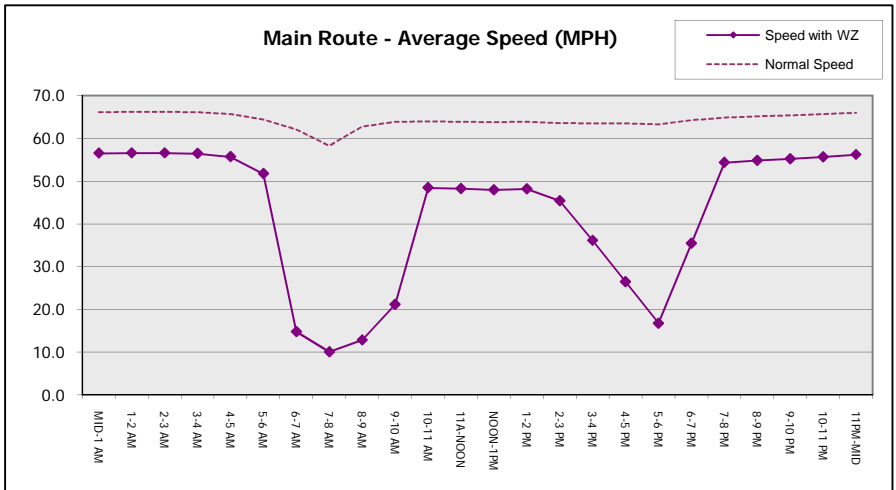
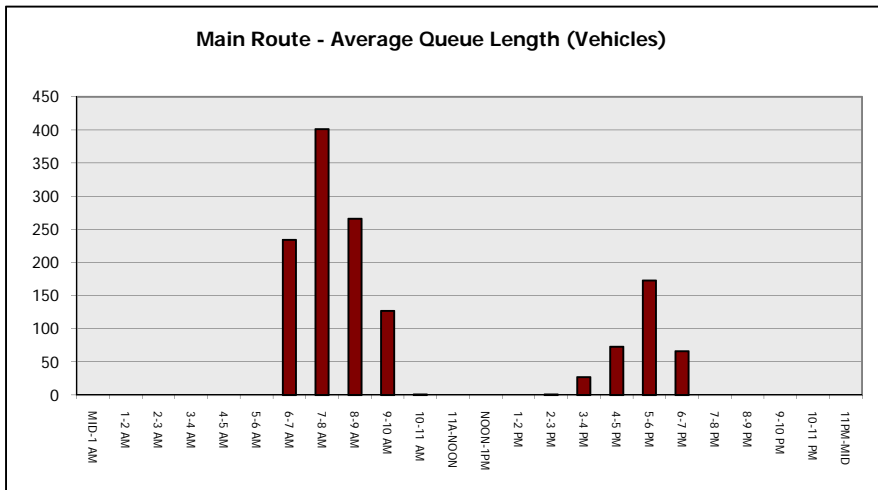
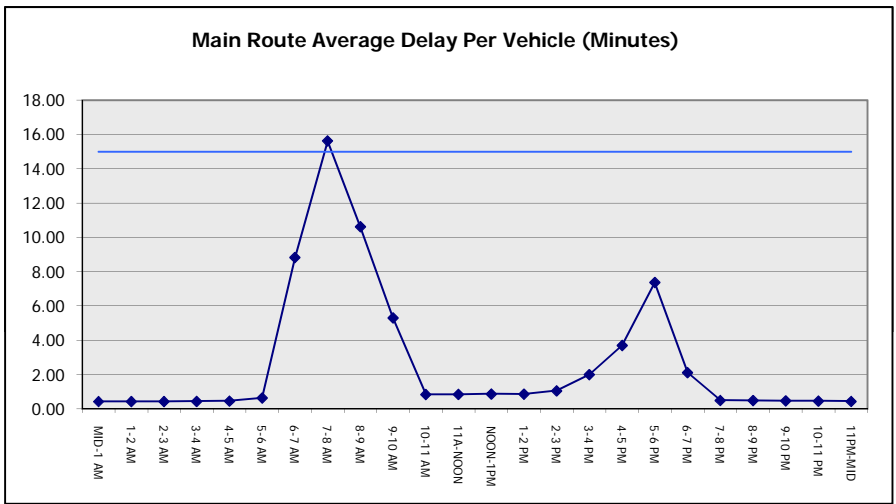
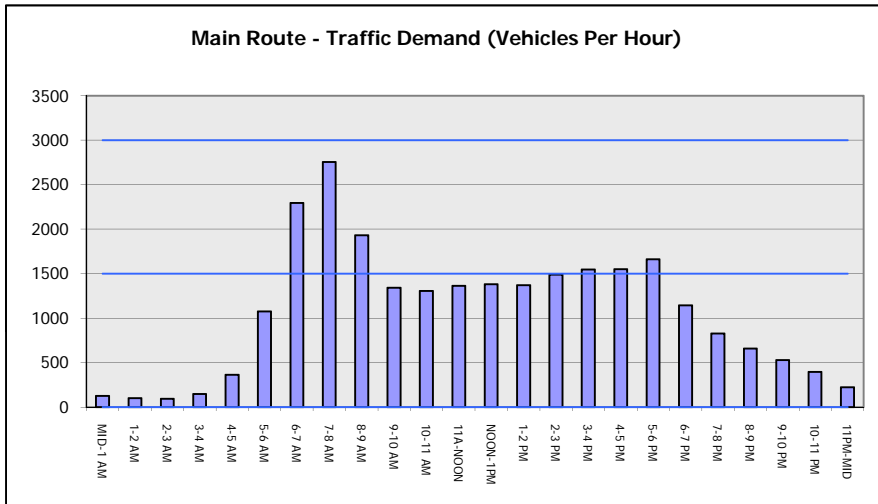
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$27,063
CONGESTED HOURS PER DAY*	1

\*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**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR 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>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	205	0.0	25	0.0	1500	205	0	25	0.44	0	66.0	56.3	44.6	19.7	19.7	
1-2 AM	129	0.0	15	0.0	1500	129	0	15	0.43	0	66.1	56.4	45.0	19.7	19.7	
2-3 AM	100	0.0	12	0.0	1500	100	0	12	0.43	0	66.2	56.6	45.1	19.8	19.8	
3-4 AM	100	0.0	12	0.0	1500	100	0	12	0.43	0	66.2	56.6	45.1	19.8	19.8	
4-5 AM	166	0.0	20	0.0	1500	166	0	20	0.44	0	66.1	56.4	44.8	19.7	19.7	
5-6 AM	408	0.0	48	0.0	1500	408	0	48	0.46	0	65.6	55.6	43.8	19.6	19.6	
6-7 AM	930	0.0	110	0.0	1500	930	0	110	0.51	0	64.6	54.0	41.9	19.2	19.2	
7-8 AM	1145	0.0	136	0.0	1500	1145	0	136	0.57	0	64.3	52.8	40.3	19.0	19.0	
8-9 AM	1090	0.0	130	0.0	1500	1090	0	130	0.53	0	64.3	53.5	41.4	19.1	19.1	
9-10 AM	1008	0.0	119	0.0	1500	1008	0	119	0.52	0	64.5	53.8	41.7	19.1	19.1	
10-11 AM	1091	0.0	130	0.0	1500	1091	0	130	0.53	0	64.3	53.5	41.4	19.1	19.1	
11A-NOON	1212	0.0	144	0.0	1500	1212	0	144	0.65	0	64.1	51.4	38.1	19.0	19.0	
NOON-1PM	1268	0.0	151	0.0	1500	1268	0	151	0.72	0	64.0	50.2	36.4	18.9	18.9	
1-2 PM	1345	0.0	160	0.0	1499	1345	0	160	0.82	0	63.9	48.6	34.3	18.9	18.9	
2-3 PM	1664	0.0	198	0.0	1499	1664	0	198	2.81	59	63.3	30.8	30.8	18.6	18.6	
3-4 PM	2078	0.0	246	0.0	1499	1607	471	717	9.76	238	62.5	13.5	30.8	18.3	15.4	
4-5 PM	2548	0.0	303	0.0	1500	1598	950	1253+	13.16	332	60.4	11.0	30.8	18.0	12.5	
5-6 PM	2616	0.0	311	0.0	1500	1478	1138	1449+	14.99	382	59.7	10.2	30.8	17.9	11.6	
6-7 PM	1531	0.0	182	0.0	1499	1260	271	453	7.91	197	63.5	15.9	32.0	18.8	17.1	
7-8 PM	1032	0.0	123	0.0	1500	1032	0	123	0.89	14	64.5	48.0	40.8	19.1	19.1	
8-9 PM	874	0.0	104	0.0	1500	874	0	104	0.51	0	64.8	54.2	42.1	19.3	19.3	
9-10 PM	796	0.0	95	0.0	1500	796	0	95	0.50	0	64.9	54.4	42.4	19.3	19.3	
10-11 PM	567	0.0	67	0.0	1500	567	0	67	0.48	0	65.3	55.1	43.2	19.4	19.4	
11PM-MID	374	0.0	44	0.0	1500	374	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	0.0108
MAIN ROUTE WITH WORKS	0.0081
DIVERSION	0.0215

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$25,999
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**

**MAY**  
 Analyzed for 2009  
 Construction Season

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

**MON-THUR NORTHBOUND DIRECTION**

