

**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

**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	219	0.0	26	0.0	1500	219	0	26	0.44	0	66.0	56.2	44.6	19.7	19.7
1-2 AM	124	0.0	14	0.0	1500	124	0	14	0.43	0	66.1	56.5	45.0	19.8	19.8
2-3 AM	91	0.0	10	0.0	1500	91	0	10	0.43	0	66.2	56.6	45.1	19.8	19.8
3-4 AM	117	0.0	14	0.0	1500	117	0	14	0.43	0	66.1	56.5	45.0	19.8	19.8
4-5 AM	189	0.0	23	0.0	1500	189	0	23	0.44	0	66.0	56.3	44.7	19.7	19.7
5-6 AM	357	0.0	42	0.0	1500	357	0	42	0.46	0	65.7	55.8	44.0	19.6	19.6
6-7 AM	557	0.0	66	0.0	1500	557	0	66	0.48	0	65.3	55.1	43.3	19.4	19.4
7-8 AM	895	0.0	106	0.0	1500	895	0	106	0.51	0	64.7	54.1	42.0	19.2	19.2
8-9 AM	1119	0.0	133	0.0	1500	1119	0	133	0.53	0	64.3	53.4	41.2	19.1	19.1
9-10 AM	1278	0.0	152	0.0	1499	1278	0	152	0.74	0	64.0	50.0	36.1	18.9	18.9
10-11 AM	1518	0.0	181	0.0	1499	1518	0	181	1.25	7	63.5	43.1	31.0	18.8	18.8
11A-NOON	1586	0.0	188	0.0	1500	1586	0	188	3.42	67	63.4	27.7	30.8	18.7	18.7
NOON-1PM	1639	0.0	194	0.0	1500	1577	62	256	7.26	170	63.3	17.0	30.8	18.7	18.3
1-2 PM	1551	0.0	184	0.0	1499	1489	62	246	7.82	183	63.5	16.1	30.8	18.8	18.3
2-3 PM	1550	0.0	184	0.0	1500	1502	49	233	7.77	182	63.5	16.1	30.8	18.8	18.4
3-4 PM	1573	0.0	187	0.0	1500	1503	70	257	7.85	184	63.5	16.0	30.8	18.7	18.3
4-5 PM	1601	0.0	190	0.0	1500	1502	99	289	7.97	187	63.4	15.8	30.8	18.7	18.1
5-6 PM	1561	0.0	185	0.0	1500	1491	69	254	7.84	184	63.5	16.0	30.8	18.7	18.3
6-7 PM	1311	0.0	156	0.0	1499	1311	0	156	4.14	103	64.0	24.8	32.7	18.9	18.9
7-8 PM	949	0.0	113	0.0	1500	949	0	113	0.51	0	64.6	54.0	41.9	19.2	19.2
8-9 PM	823	0.0	98	0.0	1500	823	0	98	0.50	0	64.8	54.3	42.3	19.3	19.3
9-10 PM	708	0.0	84	0.0	1500	708	0	84	0.49	0	65.1	54.6	42.7	19.4	19.4
10-11 PM	584	0.0	69	0.0	1500	584	0	69	0.48	0	65.3	55.0	43.2	19.4	19.4
11PM-MID	366	0.0	43	0.0	1500	366	0	43	0.46	0	65.7	55.7	44.0	19.6	19.6

*----- 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	0.0099
MAIN ROUTE WITH WORKS	0.0083
DIVERSION	0.0115

PIA: Personal Injury Accidents

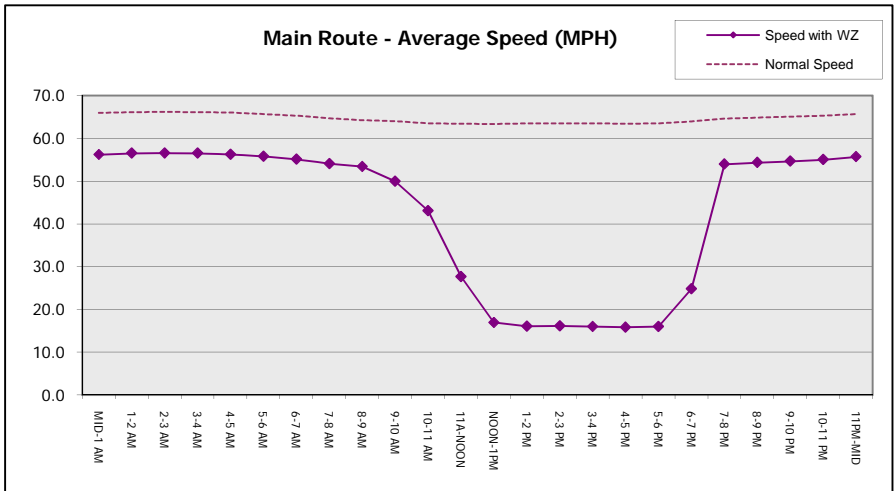
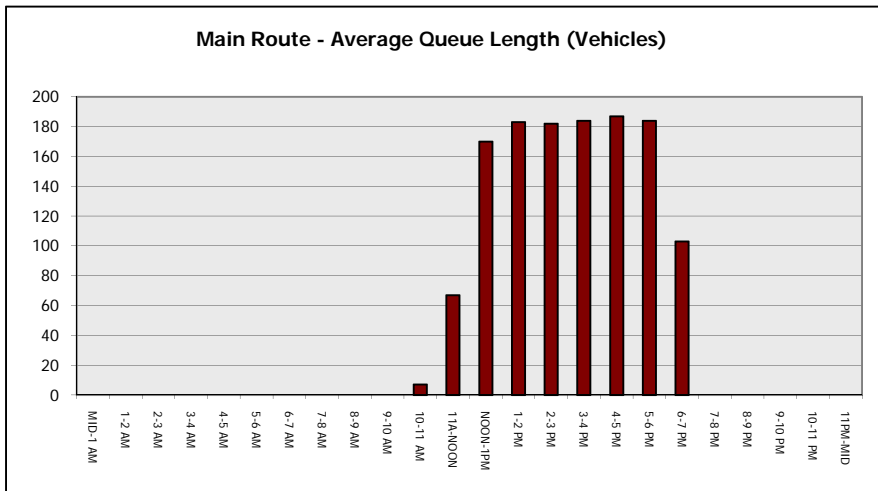
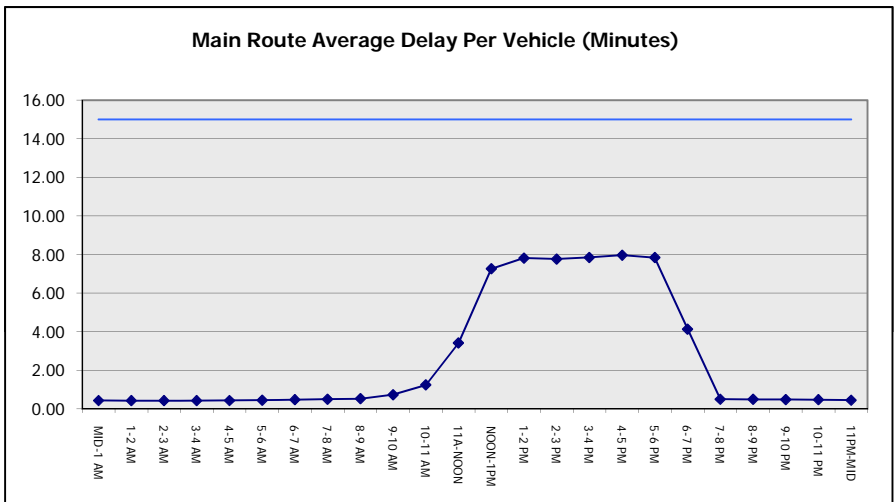
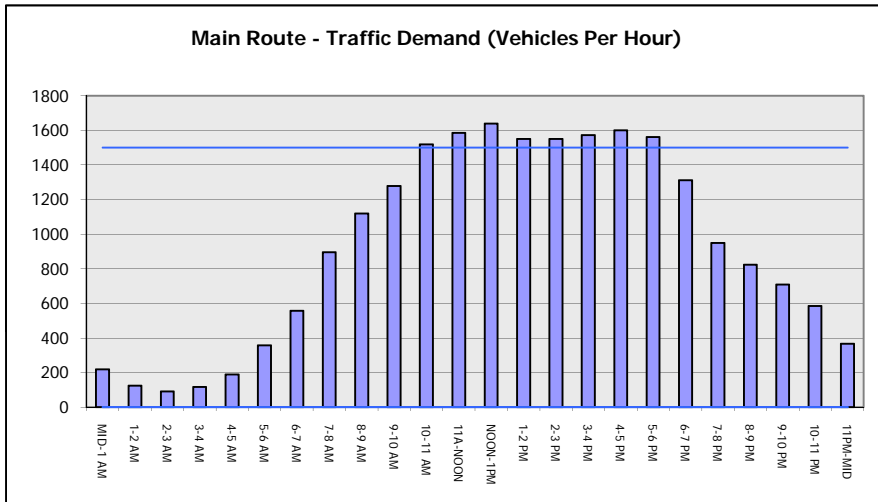
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$25,711
CONGESTED HOURS PER DAY*	0

\*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**  
**SATURDAY 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**

SATURDAY 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 DIVERTING	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	350	0.0	41	0.0	1500	350	0	41	0.46	0	65.8	55.8	44.1	19.6	19.6
1-2 AM	214	0.0	26	0.0	1500	214	0	26	0.44	0	66.0	56.2	44.6	19.7	19.7
2-3 AM	139	0.0	16	0.0	1500	139	0	16	0.44	0	66.1	56.4	45.0	19.7	19.7
3-4 AM	136	0.0	16	0.0	1500	136	0	16	0.44	0	66.1	56.4	45.0	19.7	19.7
4-5 AM	194	0.0	23	0.0	1500	194	0	23	0.44	0	66.0	56.3	44.7	19.7	19.7
5-6 AM	282	0.0	34	0.0	1500	282	0	34	0.45	0	65.9	56.0	44.3	19.7	19.7
6-7 AM	512	0.0	61	0.0	1500	512	0	61	0.47	0	65.5	55.3	43.5	19.5	19.5
7-8 AM	806	0.0	96	0.0	1500	806	0	96	0.50	0	64.9	54.4	42.4	19.3	19.3
8-9 AM	1155	0.0	138	0.0	1499	1155	0	138	0.60	0	64.2	52.2	39.4	19.0	19.0
9-10 AM	1466	0.0	175	0.0	1499	1466	0	175	1.13	5	63.7	44.6	32.0	18.8	18.8
10-11 AM	1761	0.0	210	0.0	1500	1711	51	261	5.25	128	63.1	21.2	30.8	18.6	18.3
11A-NOON	1856	0.0	221	0.0	1499	1490	366	587	9.15	220	62.9	14.2	30.8	18.5	16.2
NOON-1PM	1914	0.0	227	0.0	1500	1505	409	636	9.38	226	62.8	14.0	30.8	18.4	15.9
1-2 PM	1843	0.0	219	0.0	1499	1488	355	574	9.10	218	63.0	14.3	30.8	18.5	16.3
2-3 PM	1761	0.0	210	0.0	1499	1491	270	480	8.70	207	63.1	14.8	30.8	18.6	16.9
3-4 PM	1785	0.0	212	0.0	1500	1502	283	495	8.76	209	63.0	14.7	30.8	18.6	16.8
4-5 PM	1661	0.0	198	0.0	1499	1482	180	377	8.29	196	63.3	15.3	30.8	18.6	17.5
5-6 PM	1472	0.0	175	0.0	1500	1453	19	194	7.32	170	63.7	16.9	30.8	18.8	18.7
6-7 PM	1313	0.0	156	0.0	1499	1313	0	156	2.75	66	64.0	31.2	33.2	18.9	18.9
7-8 PM	1024	0.0	121	0.0	1500	1024	0	121	0.52	0	64.5	53.7	41.6	19.1	19.1
8-9 PM	900	0.0	107	0.0	1500	900	0	107	0.51	0	64.7	54.1	42.0	19.2	19.2
9-10 PM	767	0.0	92	0.0	1500	767	0	92	0.50	0	65.0	54.5	42.5	19.3	19.3
10-11 PM	748	0.0	90	0.0	1500	748	0	90	0.49	0	65.0	54.5	42.6	19.3	19.3
11PM-MID	514	0.0	61	0.0	1500	514	0	61	0.47	0	65.5	55.3	43.5	19.5	19.5

*----- 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	0.0110
MAIN ROUTE WITH WORKS	0.0086
DIVERSION	0.0183

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$35,649
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**  
**SATURDAY NORTHBOUND DIRECTION**

