

<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>AUGUST</b>
	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	203	0.0	24	0.0	1500	203	0	24	0.44	0	66.0	56.3	44.6	19.7	19.7
1-2 AM	126	0.0	15	0.0	1500	126	0	15	0.43	0	66.1	56.5	45.0	19.7	19.7
2-3 AM	95	0.0	11	0.0	1500	95	0	11	0.43	0	66.2	56.6	45.1	19.8	19.8
3-4 AM	131	0.0	15	0.0	1500	131	0	15	0.44	0	66.1	56.4	45.0	19.7	19.7
4-5 AM	208	0.0	25	0.0	1500	208	0	25	0.44	0	66.0	56.2	44.6	19.7	19.7
5-6 AM	342	0.0	41	0.0	1500	342	0	41	0.46	0	65.8	55.8	44.1	19.6	19.6
6-7 AM	553	0.0	66	0.0	1500	553	0	66	0.48	0	65.3	55.1	43.3	19.4	19.4
7-8 AM	779	0.0	93	0.0	1500	779	0	93	0.50	0	65.0	54.5	42.5	19.3	19.3
8-9 AM	1142	0.0	136	0.0	1500	1142	0	136	0.56	0	64.3	52.9	40.4	19.0	19.0
9-10 AM	1341	0.0	160	0.0	1499	1341	0	160	0.82	0	63.9	48.7	34.5	18.9	18.9
10-11 AM	1532	0.0	182	0.0	1499	1532	0	182	1.32	8	63.5	42.4	30.9	18.8	18.8
11A-NOON	1660	0.0	198	0.0	1500	1660	0	198	4.75	109	63.3	22.7	30.8	18.6	18.6
NOON-1PM	1747	0.0	208	0.0	1499	1510	237	445	8.56	203	63.2	15.0	30.8	18.6	17.1
1-2 PM	1724	0.0	205	0.0	1499	1496	228	433	8.51	202	63.2	15.0	30.8	18.6	17.2
2-3 PM	1743	0.0	207	0.0	1500	1501	241	448	8.57	203	63.2	15.0	30.8	18.6	17.1
3-4 PM	1675	0.0	200	0.0	1499	1491	183	383	8.31	197	63.3	15.3	30.8	18.6	17.5
4-5 PM	1656	0.0	197	0.0	1500	1495	161	358	8.22	194	63.3	15.5	30.8	18.6	17.6
5-6 PM	1407	0.0	168	0.0	1499	1399	8	176	6.38	147	63.8	18.6	30.8	18.8	18.8
6-7 PM	1277	0.0	152	0.0	1500	1277	0	152	1.39	21	64.0	41.9	35.2	18.9	18.9
7-8 PM	1052	0.0	126	0.0	1500	1052	0	126	0.52	0	64.4	53.7	41.5	19.1	19.1
8-9 PM	902	0.0	107	0.0	1500	902	0	107	0.51	0	64.7	54.1	42.0	19.2	19.2
9-10 PM	818	0.0	98	0.0	1500	818	0	98	0.50	0	64.8	54.3	42.4	19.3	19.3
10-11 PM	620	0.0	74	0.0	1500	620	0	74	0.48	0	65.2	55.0	43.0	19.4	19.4
11PM-MID	423	0.0	50	0.0	1500	423	0	50	0.46	0	65.6	55.5	43.8	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	0.0103
MAIN ROUTE WITH WORKS	0.0084
DIVERSION	0.0143

PIA: Personal Injury Accidents

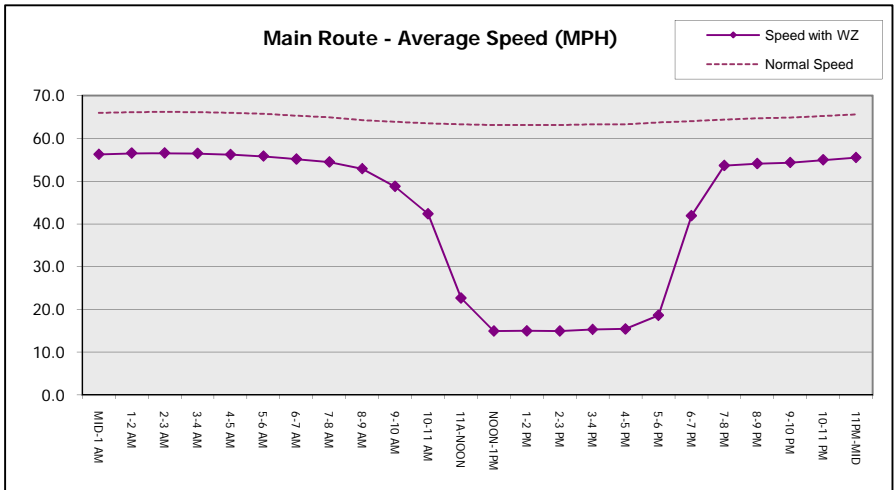
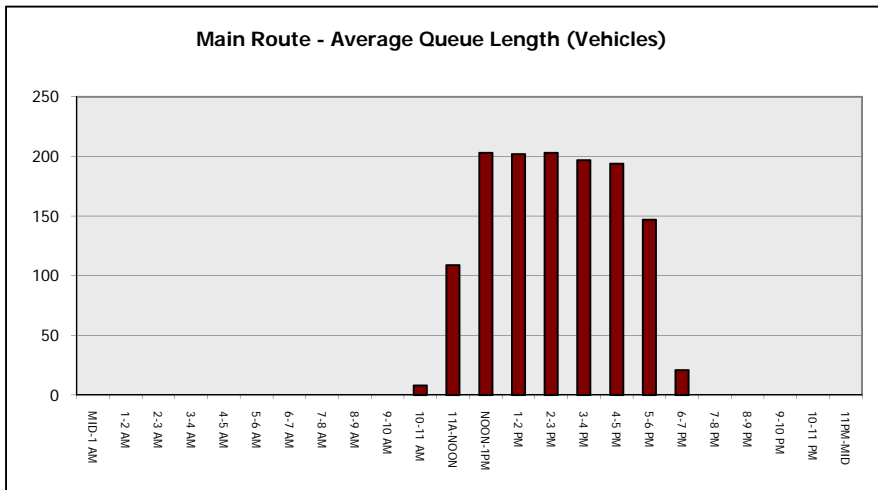
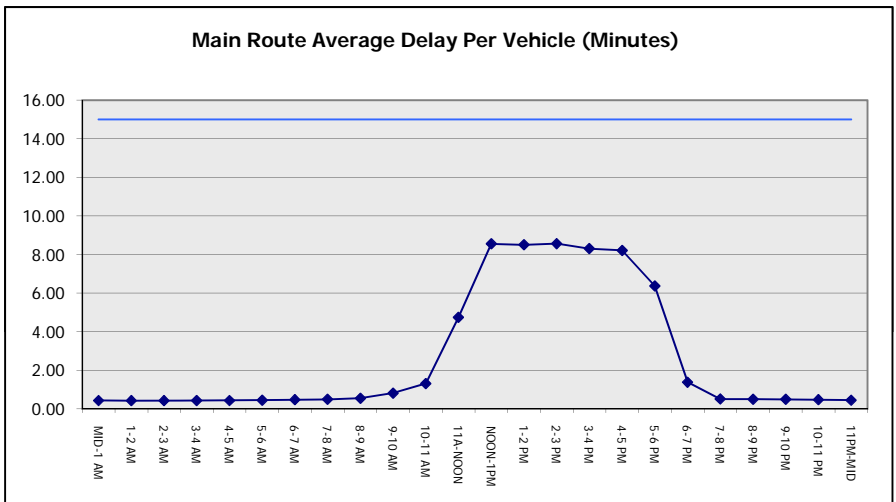
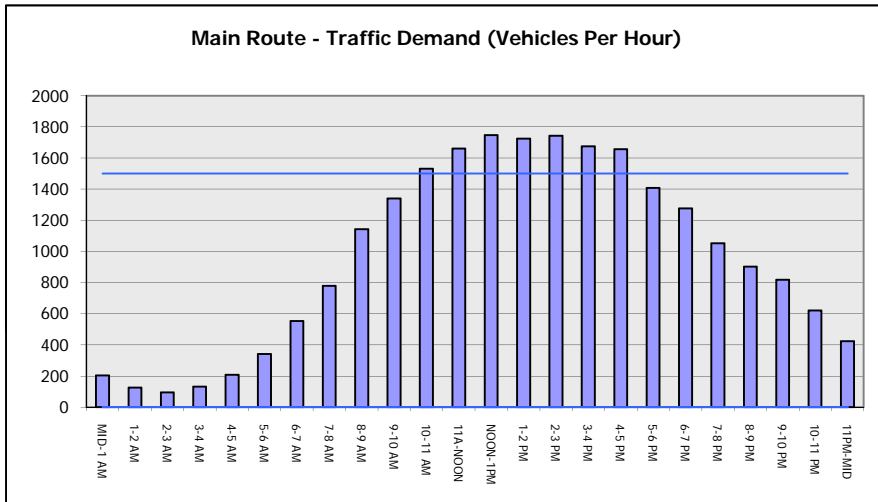
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$27,622
CONGESTED HOURS PER DAY*	0

\*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**

**AUGUST**  
 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>AUGUST</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 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	372	0.0	44	0.0	1500	372	0	44	0.46	0	65.7	55.7	44.0	19.6	19.6
1-2 AM	266	0.0	32	0.0	1500	266	0	32	0.45	0	65.9	56.0	44.4	19.7	19.7
2-3 AM	231	0.0	28	0.0	1500	231	0	28	0.44	0	66.0	56.1	44.6	19.7	19.7
3-4 AM	173	0.0	21	0.0	1500	173	0	21	0.44	0	66.1	56.3	44.8	19.7	19.7
4-5 AM	180	0.0	22	0.0	1500	180	0	22	0.44	0	66.1	56.3	44.8	19.7	19.7
5-6 AM	314	0.0	37	0.0	1500	314	0	37	0.45	0	65.8	55.9	44.2	19.6	19.6
6-7 AM	440	0.0	53	0.0	1500	440	0	53	0.47	0	65.6	55.5	43.7	19.6	19.6
7-8 AM	741	0.0	89	0.0	1500	741	0	89	0.49	0	65.0	54.6	42.6	19.3	19.3
8-9 AM	1086	0.0	130	0.0	1500	1086	0	130	0.53	0	64.3	53.5	41.4	19.1	19.1
9-10 AM	1409	0.0	168	0.0	1499	1409	0	168	0.90	0	63.8	47.4	32.9	18.8	18.8
10-11 AM	1635	0.0	195	0.0	1499	1635	0	195	2.83	56	63.3	30.6	30.8	18.7	18.7
11A-NOON	1758	0.0	209	0.0	1499	1574	184	393	8.20	195	63.1	15.5	30.8	18.6	17.5
NOON-1PM	1821	0.0	217	0.0	1500	1504	317	534	8.92	213	63.0	14.5	30.8	18.5	16.6
1-2 PM	1661	0.0	198	0.0	1499	1482	180	378	8.29	196	63.3	15.3	30.8	18.6	17.5
2-3 PM	1788	0.0	213	0.0	1500	1518	270	484	8.71	207	63.0	14.8	30.8	18.6	16.9
3-4 PM	1756	0.0	209	0.0	1499	1492	264	473	8.67	206	63.1	14.8	30.8	18.6	17.0
4-5 PM	1641	0.0	196	0.0	1499	1484	156	352	8.20	193	63.3	15.5	30.8	18.6	17.7
5-6 PM	1480	0.0	176	0.0	1500	1454	26	202	7.37	171	63.7	16.8	30.8	18.8	18.6
6-7 PM	1184	0.0	141	0.0	1499	1184	0	141	1.63	41	64.1	39.6	37.3	19.0	19.0
7-8 PM	892	0.0	106	0.0	1500	892	0	106	0.51	0	64.7	54.1	42.0	19.2	19.2
8-9 PM	943	0.0	112	0.0	1500	943	0	112	0.51	0	64.6	54.0	41.9	19.2	19.2
9-10 PM	757	0.0	90	0.0	1500	757	0	90	0.50	0	65.0	54.5	42.5	19.3	19.3
10-11 PM	685	0.0	81	0.0	1500	685	0	81	0.49	0	65.1	54.8	42.8	19.4	19.4
11PM-MID	466	0.0	56	0.0	1500	466	0	56	0.47	0	65.5	55.4	43.7	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	0.0106
MAIN ROUTE WITH WORKS	0.0085
DIVERSION	0.0159

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$31,466
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**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

