

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

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	196	0.0	24	0.0	1500	196	0	24	0.44	0	66.0	56.3	44.7	19.7	19.7
1-2 AM	139	0.0	16	0.0	1500	139	0	16	0.44	0	66.1	56.4	45.0	19.7	19.7
2-3 AM	105	0.0	12	0.0	1500	105	0	12	0.43	0	66.2	56.6	45.1	19.8	19.8
3-4 AM	157	0.0	19	0.0	1500	157	0	19	0.44	0	66.1	56.4	44.8	19.7	19.7
4-5 AM	389	0.0	46	0.0	1500	389	0	46	0.46	0	65.6	55.6	43.9	19.6	19.6
5-6 AM	1054	0.0	126	0.0	1499	1054	0	126	0.61	0	64.4	52.2	39.2	19.1	19.1
6-7 AM	2177	0.0	259	0.0	1499	1805	373	632	7.76	204	62.3	16.1	30.8	18.3	16.0
7-8 AM	2509	0.0	299	0.0	1499	1533	975	1274+	13.35	336	60.8	10.9	30.8	18.0	12.4
8-9 AM	1977	0.0	236	0.0	1499	1381	596	832	10.38	255	62.7	12.9	30.8	18.4	14.7
9-10 AM	1620	0.0	193	0.0	1500	1465	156	348	8.18	193	63.3	15.5	30.8	18.7	17.7
10-11 AM	1591	0.0	189	0.0	1500	1504	88	277	7.92	186	63.4	15.9	30.8	18.7	18.1
11A-NOON	1687	0.0	201	0.0	1500	1513	175	375	8.28	196	63.2	15.3	30.8	18.6	17.5
NOON-1PM	1763	0.0	210	0.0	1500	1509	255	465	8.63	205	63.1	14.9	30.8	18.6	17.0
1-2 PM	1820	0.0	216	0.0	1500	1508	312	529	8.90	213	63.0	14.5	30.8	18.5	16.6
2-3 PM	1915	0.0	228	0.0	1500	1514	401	629	9.34	225	62.8	14.0	30.8	18.4	16.0
3-4 PM	1998	0.0	238	0.0	1500	1511	487	724	9.80	237	62.7	13.5	30.8	18.4	15.4
4-5 PM	2033	0.0	242	0.0	1499	1504	529	771	10.04	244	62.6	13.2	30.8	18.4	15.1
5-6 PM	2030	0.0	242	0.0	1500	1487	542	784	10.11	246	62.6	13.2	30.8	18.4	15.0
6-7 PM	1467	0.0	175	0.0	1499	1373	93	268	7.25	171	63.7	17.0	30.8	18.8	18.2
7-8 PM	1047	0.0	125	0.0	1500	1047	0	125	0.92	15	64.5	47.6	40.4	19.1	19.1
8-9 PM	783	0.0	94	0.0	1500	783	0	94	0.50	0	64.9	54.5	42.5	19.3	19.3
9-10 PM	677	0.0	80	0.0	1500	677	0	80	0.49	0	65.1	54.8	42.8	19.4	19.4
10-11 PM	576	0.0	69	0.0	1500	576	0	69	0.48	0	65.3	55.1	43.2	19.4	19.4
11PM-MID	377	0.0	45	0.0	1500	377	0	45	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 (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	0.0134
MAIN ROUTE WITH WORKS	0.0095
DIVERSION	0.0322

PIA: Personal Injury Accidents

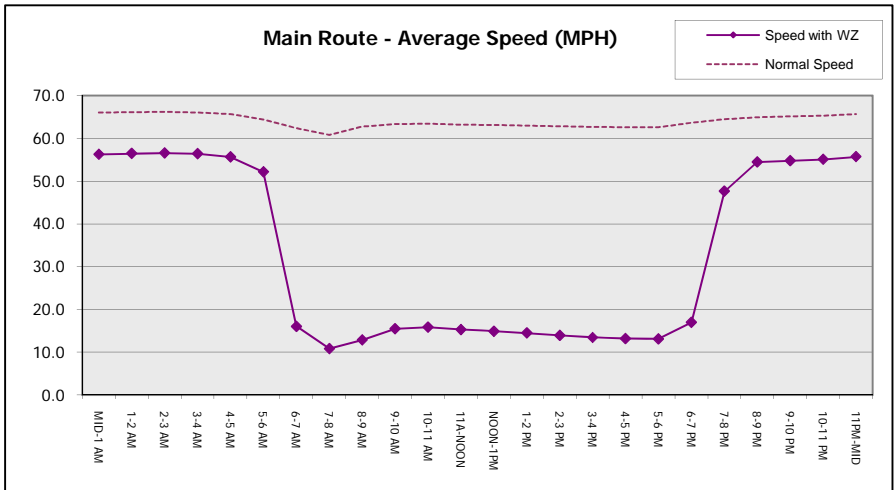
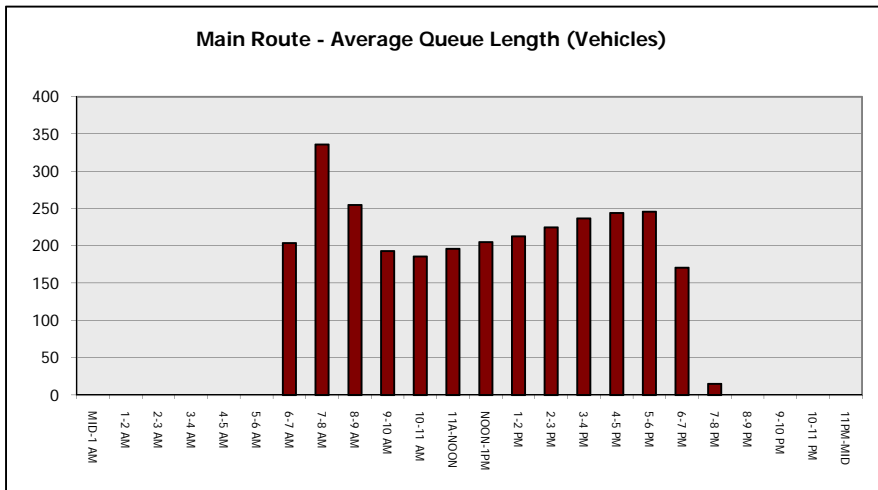
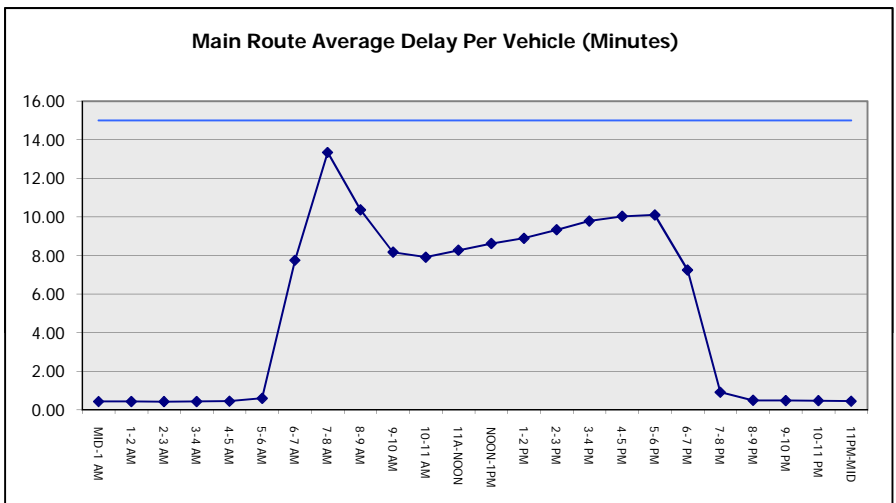
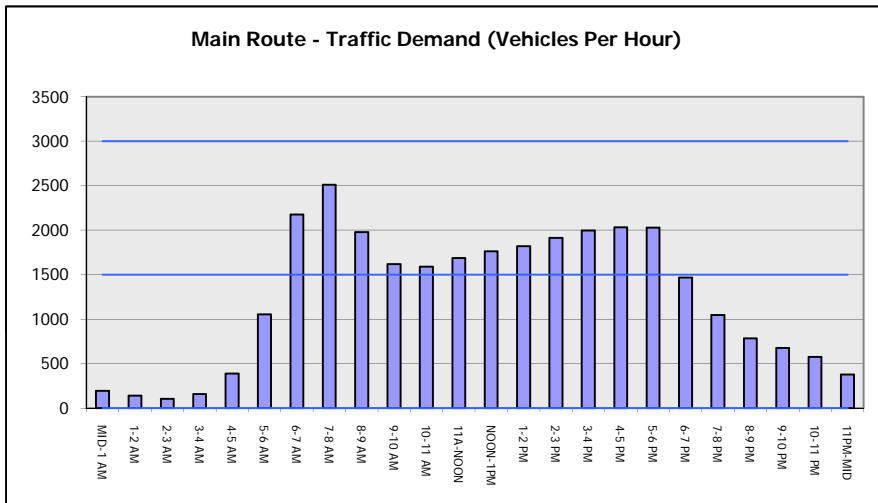
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$55,324
CONGESTED HOURS PER DAY*	0

*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
FRIDAY SOUTHBOUND DIRECTION



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

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	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	190	0.0	23	0.0	1500	190	0	23	0.44	0	66.0	56.3	44.7	19.7	19.7
2-3 AM	147	0.0	18	0.0	1500	147	0	18	0.44	0	66.1	56.4	44.9	19.7	19.7
3-4 AM	163	0.0	20	0.0	1500	163	0	20	0.44	0	66.1	56.4	44.8	19.7	19.7
4-5 AM	253	0.0	30	0.0	1500	253	0	30	0.45	0	65.9	56.1	44.5	19.7	19.7
5-6 AM	501	0.0	60	0.0	1500	501	0	60	0.47	0	65.5	55.3	43.5	19.5	19.5
6-7 AM	1003	0.0	119	0.0	1500	1003	0	119	0.52	0	64.5	53.8	41.7	19.1	19.1
7-8 AM	1195	0.0	142	0.0	1500	1195	0	142	0.63	0	64.1	51.7	38.6	19.0	19.0
8-9 AM	1437	0.0	171	0.0	1499	1437	0	171	0.94	0	63.7	46.9	32.2	18.8	18.8
9-10 AM	1512	0.0	180	0.0	1499	1512	0	180	1.23	6	63.6	43.4	31.1	18.8	18.8
10-11 AM	1758	0.0	209	0.0	1500	1709	49	258	5.25	128	63.1	21.2	30.8	18.6	18.3
11A-NOON	2037	0.0	243	0.0	1499	1518	520	762	9.99	243	62.6	13.2	30.8	18.4	15.2
NOON-1PM	2095	0.0	249	0.0	1499	1508	587	836	10.38	253	62.5	12.9	30.8	18.3	14.7
1-2 PM	2284	0.0	272	0.0	1500	1543	741	1013	11.43	282	62.1	11.9	30.8	18.2	13.6
2-3 PM	2634	0.0	314	0.0	1500	1595	1039	1353+	14.02	356	59.5	10.6	30.8	17.9	12.0
3-4 PM	2921	0.0	348	0.0	1500	1563	1359	1707+	17.29	449	56.6	9.6	30.8	17.7	10.7
4-5 PM	3175	0.0	378	0.0	1500	1505	1670	2047+	18.07	475	54.0	9.3	30.8	17.5	10.4
5-6 PM	3075	0.0	366	0.0	1500	1503	1572	1938+	18.08	473	55.0	9.3	30.8	17.6	10.4
6-7 PM	2220	0.0	265	0.0	1499	1275	945	1210+	12.99	331	62.2	11.2	30.8	18.3	12.8
7-8 PM	1550	0.0	184	0.0	1500	1406	145	329	7.90	187	63.5	16.0	30.8	18.8	17.8
8-9 PM	1300	0.0	154	0.0	1499	1300	0	154	2.74	68	64.0	31.3	33.4	18.9	18.9
9-10 PM	1126	0.0	134	0.0	1500	1126	0	134	0.54	0	64.3	53.3	41.0	19.1	19.1
10-11 PM	1196	0.0	142	0.0	1500	1196	0	142	0.63	0	64.1	51.7	38.6	19.0	19.0
11PM-MID	807	0.0	96	0.0	1500	807	0	96	0.50	0	64.9	54.4	42.4	19.3	19.3

+ 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	0.0156
MAIN ROUTE WITH WORKS	0.0100
DIVERSION	0.0481

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$77,760
CONGESTED HOURS PER DAY*	3

*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
FRIDAY NORTHBOUND DIRECTION

