

IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY) OFF-PEAK DAY 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	OFF	196	0	24	0.00	0	66.0	66.0	66.0	19.7	19.7
1-2 AM	139	0.0	16	0.0	OFF	139	0	16	0.00	0	66.1	66.1	66.1	19.7	19.7
2-3 AM	105	0.0	12	0.0	OFF	105	0	12	0.00	0	66.2	66.2	66.2	19.8	19.8
3-4 AM	157	0.0	19	0.0	OFF	157	0	19	0.00	0	66.1	66.1	66.1	19.7	19.7
4-5 AM	389	0.0	46	0.0	OFF	389	0	46	0.00	0	65.6	65.6	65.6	19.6	19.6
5-6 AM	1054	0.0	126	0.0	OFF	1054	0	126	0.00	0	64.4	64.4	64.4	19.1	19.1
6-7 AM	2177	0.0	259	0.0	OFF	2177	0	259	0.00	0	62.3	62.3	62.3	18.3	18.3
7-8 AM	2509	0.0	299	0.0	OFF	2509	0	299	0.00	0	60.8	60.8	60.8	18.0	18.0
8-9 AM	1977	0.0	236	0.0	OFF	1977	0	236	0.00	0	62.7	62.7	62.7	18.4	18.4
9-10 AM	1620	0.0	193	0.0	1499	1620	0	193	3.50	72	63.3	27.3	30.8	18.7	18.7
10-11 AM	1591	0.0	189	0.0	1500	1572	19	209	6.90	160	63.4	17.6	30.8	18.7	18.6
11A-NOON	1687	0.0	201	0.0	1499	1508	179	380	8.30	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	OFF	2033	0	242	0.24	14	62.6	57.4	57.4	18.4	18.4
5-6 PM	2030	0.0	242	0.0	OFF	2030	0	242	0.00	0	62.6	62.6	62.6	18.4	18.4
6-7 PM	1467	0.0	175	0.0	OFF	1467	0	175	0.00	0	63.7	63.7	63.7	18.8	18.8
7-8 PM	1047	0.0	125	0.0	OFF	1047	0	125	0.00	0	64.5	64.5	64.5	19.1	19.1
8-9 PM	783	0.0	94	0.0	OFF	783	0	94	0.00	0	64.9	64.9	64.9	19.3	19.3
9-10 PM	677	0.0	80	0.0	OFF	677	0	80	0.00	0	65.1	65.1	65.1	19.4	19.4
10-11 PM	576	0.0	69	0.0	OFF	576	0	69	0.00	0	65.3	65.3	65.3	19.4	19.4
11PM-MID	377	0.0	45	0.0	OFF	377	0	45	0.00	0	65.7	65.7	65.7	19.6	19.6

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0134
MAIN ROUTE WITH WORKS	0.0120
DIVERSION	0.0197

PIA: Personal Injury Accidents

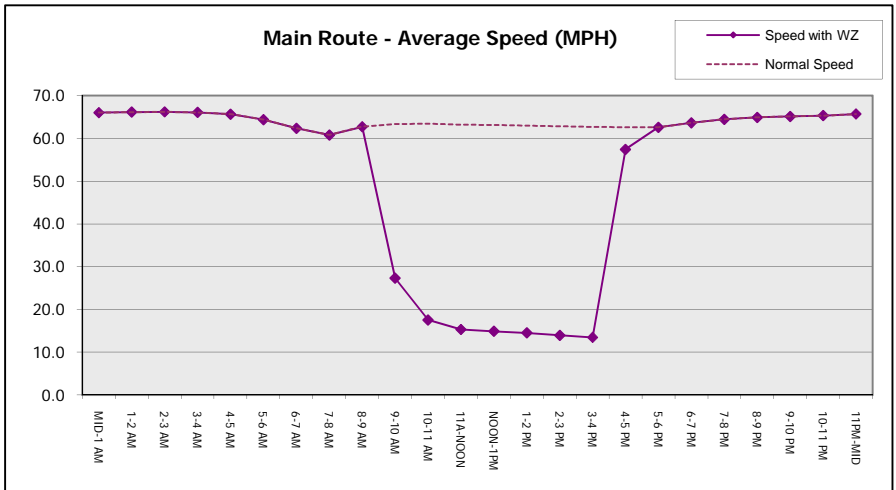
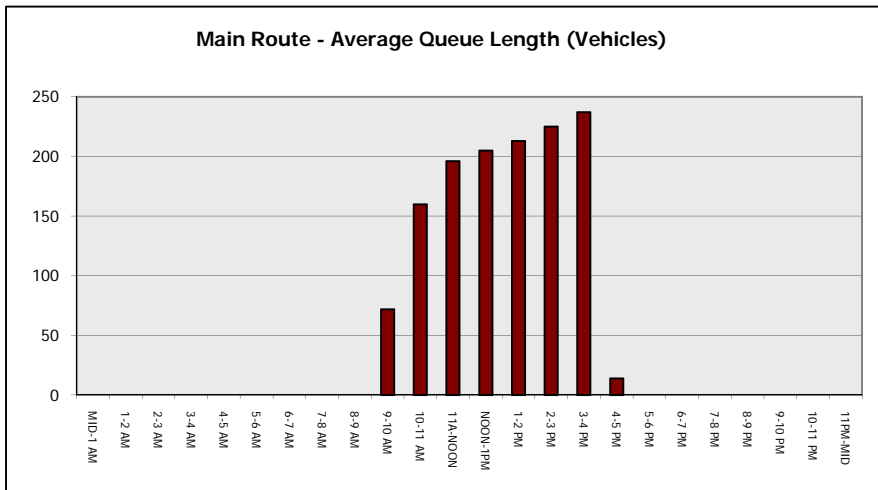
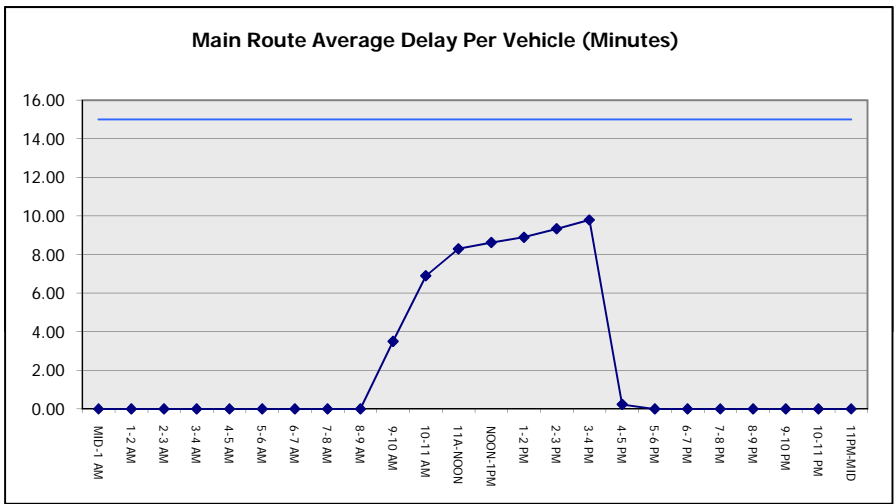
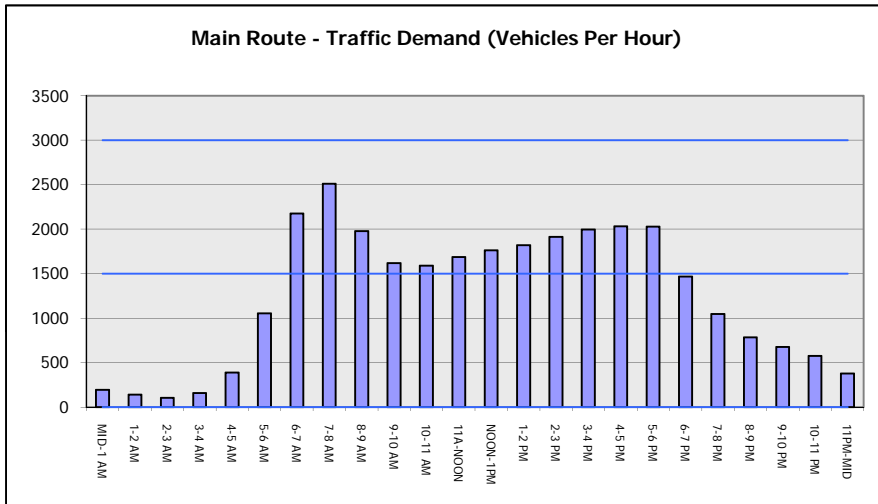
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$22,718
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)
OFF-PEAK DAY 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) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: CTH C - CTH W - STH 60	AUGUST
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SUMMARY OF TRAFFIC MODEL OUTPUT	
FRIDAY	NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							TOTAL			AVERAGE SPEEDS IN MPH					
	MAIN		DIVERSION		SITE CAPA CITY	FLOW MAIN ROUTE	FLOW DIVER -TING	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	350	0.0	41	0.0	OFF	350	0	41	0.00	0	65.8	65.8	65.8	19.6	19.6	
1-2 AM	190	0.0	23	0.0	OFF	190	0	23	0.00	0	66.0	66.0	66.0	19.7	19.7	
2-3 AM	147	0.0	18	0.0	OFF	147	0	18	0.00	0	66.1	66.1	66.1	19.7	19.7	
3-4 AM	163	0.0	20	0.0	OFF	163	0	20	0.00	0	66.1	66.1	66.1	19.7	19.7	
4-5 AM	253	0.0	30	0.0	OFF	253	0	30	0.00	0	65.9	65.9	65.9	19.7	19.7	
5-6 AM	501	0.0	60	0.0	OFF	501	0	60	0.00	0	65.5	65.5	65.5	19.5	19.5	
6-7 AM	1003	0.0	119	0.0	OFF	1003	0	119	0.00	0	64.5	64.5	64.5	19.1	19.1	
7-8 AM	1195	0.0	142	0.0	OFF	1195	0	142	0.00	0	64.1	64.1	64.1	19.0	19.0	
8-9 AM	1437	0.0	171	0.0	OFF	1437	0	171	0.00	0	63.7	63.7	63.7	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	OFF	3175	0	378	2.23	128	54.0	31.4	31.4	17.5	17.5	
5-6 PM	3075	0.0	366	0.0	OFF	3075	0	366	0.00	0	55.0	55.0	55.0	17.6	17.6	
6-7 PM	2220	0.0	265	0.0	OFF	2220	0	265	0.00	0	62.2	62.2	62.2	18.3	18.3	
7-8 PM	1550	0.0	184	0.0	OFF	1550	0	184	0.00	0	63.5	63.5	63.5	18.8	18.8	
8-9 PM	1300	0.0	154	0.0	OFF	1300	0	154	0.00	0	64.0	64.0	64.0	18.9	18.9	
9-10 PM	1126	0.0	134	0.0	OFF	1126	0	134	0.00	0	64.3	64.3	64.3	19.1	19.1	
10-11 PM	1196	0.0	142	0.0	OFF	1196	0	142	0.00	0	64.1	64.1	64.1	19.0	19.0	
11PM-MID	807	0.0	96	0.0	OFF	807	0	96	0.00	0	64.9	64.9	64.9	19.3	19.3	

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ 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	0.0129
DIVERSION	0.0318

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$39,479
CONGESTED HOURS PER DAY*	1

*Delays Exceeding 15 Minutes

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OFF-PEAK DAY 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

