

IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY) NIGHTTIME 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	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	OFF	1620	0	193	0.00	0	63.3	63.3	63.3	18.7	18.7
10-11 AM	1591	0.0	189	0.0	OFF	1591	0	189	0.00	0	63.4	63.4	63.4	18.7	18.7
11A-NOON	1687	0.0	201	0.0	OFF	1687	0	201	0.00	0	63.2	63.2	63.2	18.6	18.6
NOON-1PM	1763	0.0	210	0.0	OFF	1763	0	210	0.00	0	63.1	63.1	63.1	18.6	18.6
1-2 PM	1820	0.0	216	0.0	OFF	1820	0	216	0.00	0	63.0	63.0	63.0	18.5	18.5
2-3 PM	1915	0.0	228	0.0	OFF	1915	0	228	0.00	0	62.8	62.8	62.8	18.4	18.4
3-4 PM	1998	0.0	238	0.0	OFF	1998	0	238	0.00	0	62.7	62.7	62.7	18.4	18.4
4-5 PM	2033	0.0	242	0.0	OFF	2033	0	242	0.00	0	62.6	62.6	62.6	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	1500	1047	0	125	0.52	0	64.5	53.7	41.5	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

"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	0.0131
DIVERSION	0.0135

PIA: Personal Injury Accidents

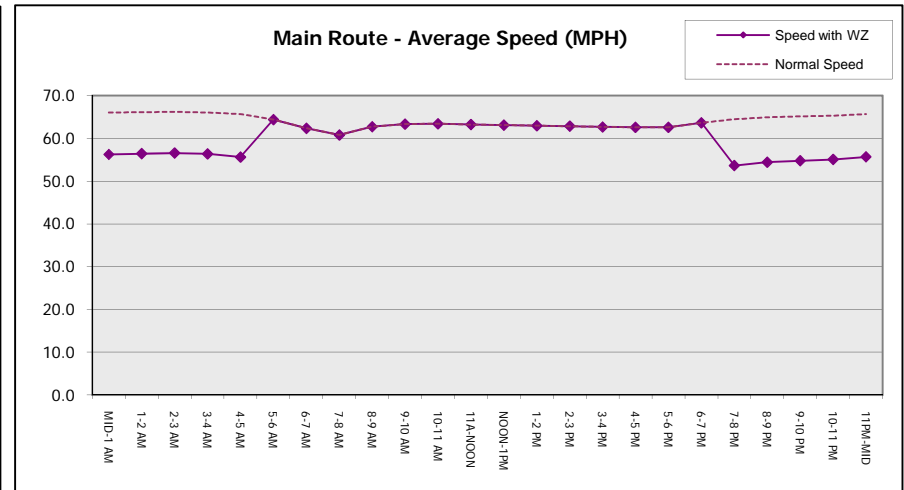
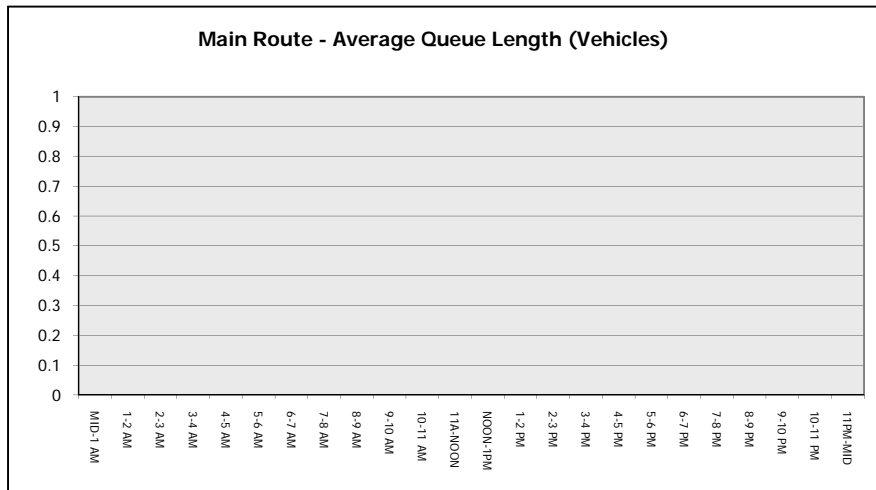
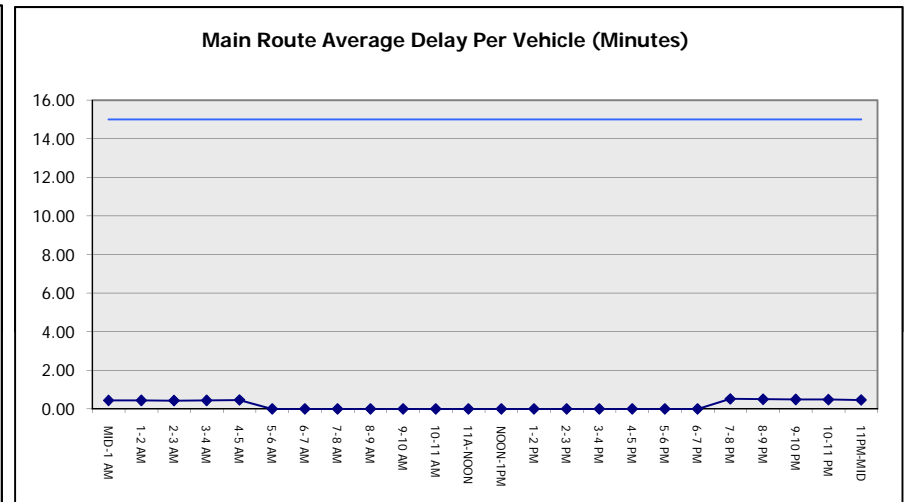
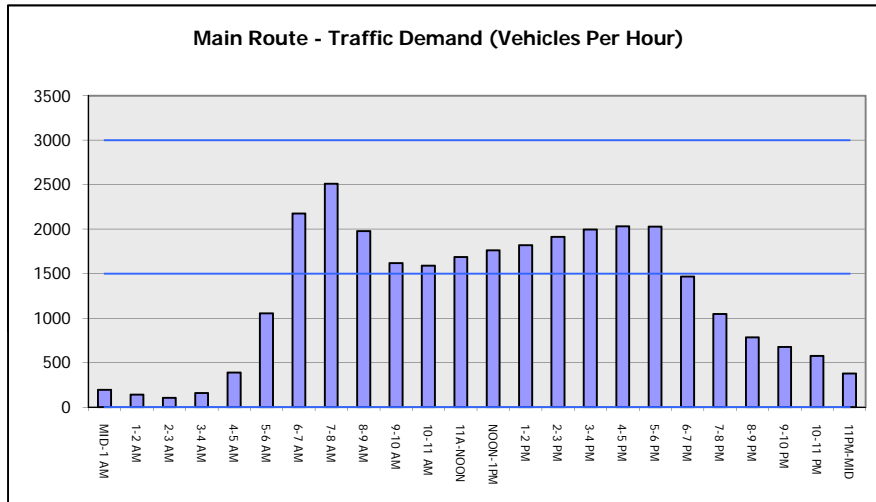
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$486
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)
NIGHTTIME 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) NIGHTTIME 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								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	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	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	OFF	1512	0	180	0.00	0	63.6	63.6	63.6	18.8	18.8	
10-11 AM	1758	0.0	209	0.0	OFF	1758	0	209	0.00	0	63.1	63.1	63.1	18.6	18.6	
11A-NOON	2037	0.0	243	0.0	OFF	2037	0	243	0.00	0	62.6	62.6	62.6	18.4	18.4	
NOON-1PM	2095	0.0	249	0.0	OFF	2095	0	249	0.00	0	62.5	62.5	62.5	18.3	18.3	
1-2 PM	2284	0.0	272	0.0	OFF	2284	0	272	0.00	0	62.1	62.1	62.1	18.2	18.2	
2-3 PM	2634	0.0	314	0.0	OFF	2634	0	314	0.00	0	59.5	59.5	59.5	17.9	17.9	
3-4 PM	2921	0.0	348	0.0	OFF	2921	0	348	0.00	0	56.6	56.6	56.6	17.7	17.7	
4-5 PM	3175	0.0	378	0.0	OFF	3175	0	378	0.00	0	54.0	54.0	54.0	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	1499	1550	0	184	2.98	53	63.5	29.9	30.8	18.8	18.8	
8-9 PM	1300	0.0	154	0.0	1500	1300	0	154	1.04	8	64.0	45.9	35.1	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	

"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	0.0156
MAIN ROUTE WITH WORKS	0.0151
DIVERSION	0.0156

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,854
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)
 NIGHTTIME 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

