

<b>IH 43: STH 57 TO STH 32 (OZAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 32 - CTH W - STH 33</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SUNDAY 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	671	0.0	22	0.0	1500	671	0	22	0.49	0	65.1	55.6	42.8	24.7	24.7
1-2 AM	328	0.0	11	0.0	1500	328	0	11	0.45	0	65.8	56.6	44.2	24.8	24.8
2-3 AM	99	0.0	3	0.0	1500	99	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
3-4 AM	89	0.0	3	0.0	1500	89	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
4-5 AM	122	0.0	4	0.0	1500	122	0	4	0.43	0	66.1	57.3	45.0	24.8	24.8
5-6 AM	199	0.0	6	0.0	1500	199	0	6	0.44	0	66.0	57.1	44.7	24.8	24.8
6-7 AM	320	0.0	10	0.0	1500	320	0	10	0.45	0	65.8	56.7	44.2	24.8	24.8
7-8 AM	440	0.0	14	0.0	1500	440	0	14	0.47	0	65.6	56.3	43.7	24.7	24.7
8-9 AM	714	0.0	23	0.0	1500	714	0	23	0.49	0	65.1	55.5	42.7	24.7	24.7
9-10 AM	1081	0.0	33	0.0	1499	1081	0	33	0.56	0	64.4	53.8	40.4	24.6	24.6
10-11 AM	1515	0.0	48	0.0	1499	1515	0	48	1.46	16	63.6	42.4	31.9	24.5	24.5
11A-NOON	2023	0.0	64	0.0	1500	1671	351	415	8.37	206	62.6	16.4	30.8	24.3	21.7
NOON-1PM	2155	0.0	68	0.0	1500	1512	642	710	10.01	243	62.3	14.3	30.8	24.3	19.4
1-2 PM	2253	0.0	71	0.0	1500	1512	741	812	10.55	258	62.2	13.7	30.8	24.3	18.6
2-3 PM	2240	0.0	70	0.0	1499	1497	743	813	10.55	258	62.2	13.7	30.8	24.3	18.6
3-4 PM	2286	0.0	72	0.0	1500	1509	778	850	10.76	264	62.1	13.5	30.8	24.3	18.3
4-5 PM	2325	0.0	73	0.0	1500	1501	824	898	11.03	271	62.0	13.2	30.8	24.3	17.9
5-6 PM	2124	0.0	67	0.0	1499	1464	660	727	10.10	246	62.4	14.2	30.8	24.3	19.3
6-7 PM	1862	0.0	58	0.0	1500	1465	397	455	8.84	212	62.9	15.8	30.8	24.4	21.4
7-8 PM	1494	0.0	48	0.0	1500	1433	61	109	7.22	168	63.6	18.3	30.8	24.5	24.0
8-9 PM	1179	0.0	37	0.0	1499	1179	0	37	1.58	37	64.2	41.5	37.3	24.5	24.5
9-10 PM	754	0.0	24	0.0	1500	754	0	24	0.50	0	65.0	55.4	42.5	24.7	24.7
10-11 PM	470	0.0	15	0.0	1500	470	0	15	0.47	0	65.5	56.3	43.6	24.7	24.7
11PM-MID	256	0.0	8	0.0	1500	256	0	8	0.45	0	65.9	56.9	44.5	24.8	24.8

*----- 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	0.0133
MAIN ROUTE WITH WORKS	0.0093
DIVERSION	0.0299

PIA: Personal Injury Accidents

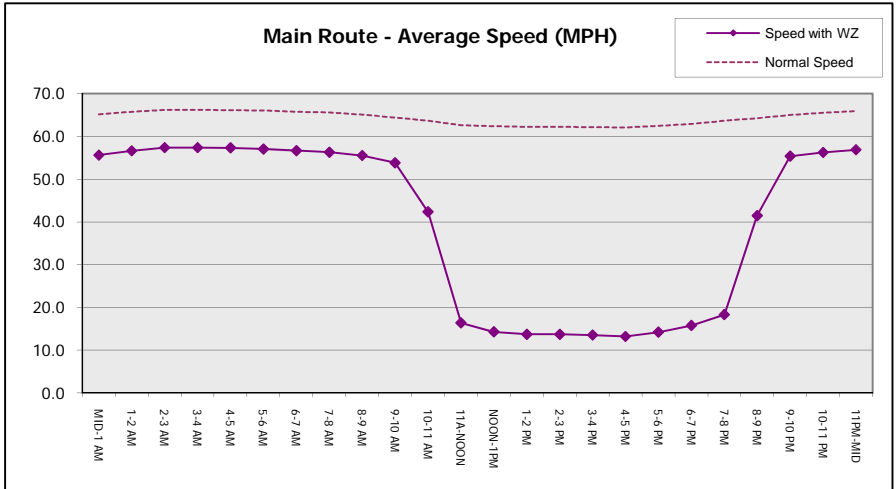
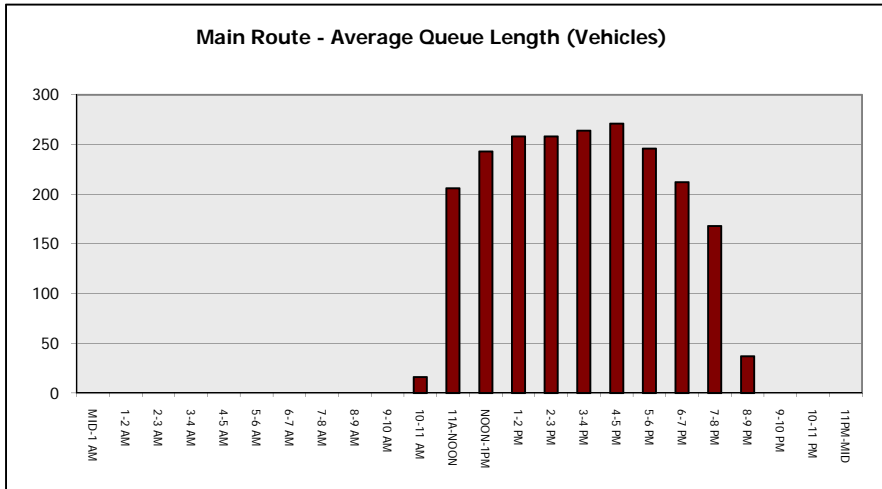
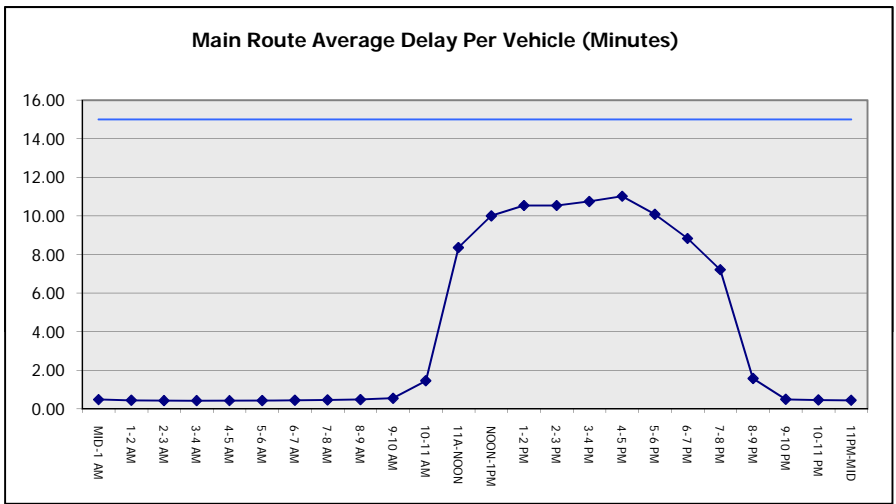
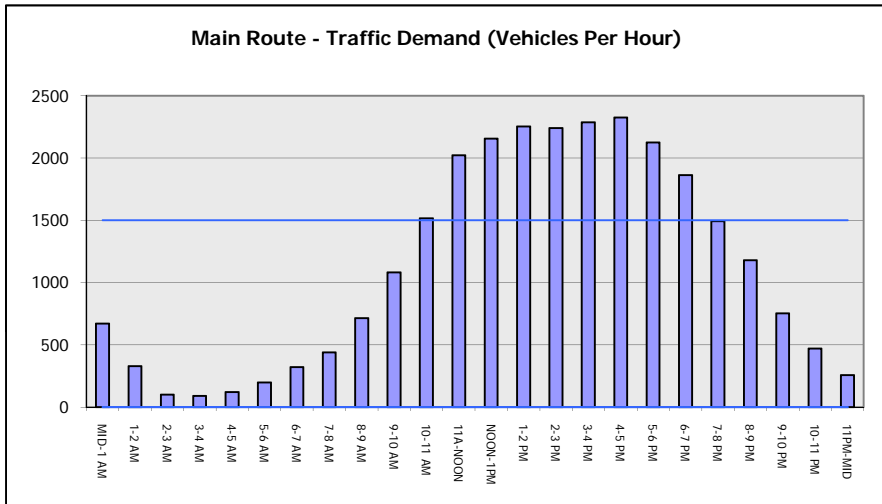
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$55,403
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: STH 32 - CTH W - STH 33**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY SOUTHBOUND DIRECTION**



<b>IH 43: STH 57 TO STH 32 (OZAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 32 - CTH W - STH 33</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	362	0.0	12	0.0	1500	362	0	12	0.46	0	65.7	56.6	44.0	24.8	24.8
1-2 AM	214	0.0	6	0.0	1500	214	0	6	0.44	0	66.0	57.0	44.6	24.8	24.8
2-3 AM	130	0.0	4	0.0	1500	130	0	4	0.44	0	66.1	57.3	45.0	24.8	24.8
3-4 AM	91	0.0	3	0.0	1500	91	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
4-5 AM	97	0.0	3	0.0	1500	97	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
5-6 AM	127	0.0	4	0.0	1500	127	0	4	0.43	0	66.1	57.3	45.0	24.8	24.8
6-7 AM	240	0.0	8	0.0	1500	240	0	8	0.45	0	66.0	56.9	44.5	24.8	24.8
7-8 AM	363	0.0	12	0.0	1500	363	0	12	0.46	0	65.7	56.6	44.0	24.8	24.8
8-9 AM	601	0.0	19	0.0	1500	601	0	19	0.48	0	65.3	55.8	43.1	24.7	24.7
9-10 AM	903	0.0	28	0.0	1500	903	0	28	0.51	0	64.7	55.0	42.0	24.7	24.7
10-11 AM	1179	0.0	37	0.0	1500	1179	0	37	0.61	0	64.2	53.0	39.1	24.5	24.5
11A-NOON	1450	0.0	45	0.0	1499	1450	0	45	0.96	0	63.7	47.9	31.9	24.5	24.5
NOON-1PM	1557	0.0	49	0.0	1499	1557	0	49	1.88	24	63.5	38.7	30.8	24.5	24.5
1-2 PM	1580	0.0	50	0.0	1500	1580	0	50	4.63	99	63.5	24.6	30.8	24.5	24.5
2-3 PM	1498	0.0	48	0.0	1499	1498	0	48	6.23	140	63.6	20.3	30.8	24.5	24.5
3-4 PM	1455	0.0	45	0.0	1499	1455	0	45	5.22	113	63.7	22.9	30.8	24.5	24.5
4-5 PM	1461	0.0	46	0.0	1500	1461	0	46	3.72	73	63.7	28.0	30.8	24.5	24.5
5-6 PM	1362	0.0	43	0.0	1500	1362	0	43	1.26	12	63.8	44.6	33.4	24.5	24.5
6-7 PM	1197	0.0	38	0.0	1500	1197	0	38	0.63	0	64.1	52.7	38.6	24.5	24.5
7-8 PM	1004	0.0	31	0.0	1500	1004	0	31	0.52	0	64.5	54.6	41.7	24.6	24.6
8-9 PM	819	0.0	26	0.0	1500	819	0	26	0.50	0	64.8	55.2	42.3	24.7	24.7
9-10 PM	658	0.0	21	0.0	1500	658	0	21	0.49	0	65.1	55.7	42.9	24.7	24.7
10-11 PM	453	0.0	14	0.0	1500	453	0	14	0.47	0	65.5	56.3	43.7	24.7	24.7
11PM-MID	344	0.0	11	0.0	1500	344	0	11	0.46	0	65.8	56.6	44.1	24.8	24.8

*----- 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	0.0094
MAIN ROUTE WITH WORKS	0.0082
DIVERSION	0.0030

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$11,648
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE  
DIVERSION ROUTE: STH 32 - CTH W - STH 33**

**AUGUST**  
Analyzed for 2009  
Construction Season

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

