

<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**

MON-THUR                      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	161	0.0	5	0.0	1500	161	0	5	0.44	0	66.1	57.2	44.8	24.8	24.8
1-2 AM	110	0.0	3	0.0	1500	110	0	3	0.43	0	66.2	57.3	45.0	24.8	24.8
2-3 AM	94	0.0	3	0.0	1500	94	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
3-4 AM	154	0.0	4	0.0	1500	154	0	4	0.44	0	66.1	57.2	44.8	24.8	24.8
4-5 AM	380	0.0	12	0.0	1500	380	0	12	0.46	0	65.7	56.5	44.0	24.8	24.8
5-6 AM	1070	0.0	33	0.0	1499	1070	0	33	0.63	0	64.4	52.8	38.8	24.6	24.6
6-7 AM	2266	0.0	71	0.0	1499	1800	466	537	8.21	214	62.2	16.6	30.8	24.3	20.7
7-8 AM	2813	0.0	89	0.0	1500	1570	1243	1331+	14.06	360	57.7	11.0	30.8	24.2	14.8
8-9 AM	2001	0.0	63	0.0	1499	1334	667	730	10.12	251	62.7	14.2	31.1	24.3	19.3
9-10 AM	1567	0.0	50	0.0	1500	1467	100	150	7.70	180	63.5	17.5	30.8	24.5	23.7
10-11 AM	1536	0.0	49	0.0	1500	1503	33	82	7.48	174	63.5	17.9	30.8	24.5	24.2
11A-NOON	1526	0.0	48	0.0	1500	1499	26	74	7.45	173	63.5	17.9	30.8	24.5	24.3
NOON-1PM	1512	0.0	48	0.0	1500	1497	15	62	7.41	172	63.6	18.0	30.8	24.5	24.3
1-2 PM	1408	0.0	44	0.0	1499	1408	0	44	5.47	122	63.8	22.2	30.8	24.5	24.5
2-3 PM	1578	0.0	50	0.0	1500	1578	0	50	5.06	110	63.5	23.3	30.8	24.5	24.5
3-4 PM	1627	0.0	51	0.0	1499	1526	101	152	7.67	179	63.3	17.5	30.8	24.5	23.7
4-5 PM	1594	0.0	50	0.0	1500	1497	96	146	7.69	179	63.4	17.5	30.8	24.5	23.7
5-6 PM	1644	0.0	52	0.0	1500	1498	146	197	7.86	184	63.3	17.2	30.8	24.5	23.3
6-7 PM	1132	0.0	36	0.0	1499	1132	0	36	1.97	57	64.3	38.2	37.4	24.6	24.6
7-8 PM	835	0.0	26	0.0	1500	835	0	26	0.50	0	64.8	55.1	42.3	24.7	24.7
8-9 PM	674	0.0	22	0.0	1500	674	0	22	0.49	0	65.1	55.6	42.8	24.7	24.7
9-10 PM	582	0.0	18	0.0	1500	582	0	18	0.48	0	65.3	55.9	43.2	24.7	24.7
10-11 PM	434	0.0	14	0.0	1500	434	0	14	0.46	0	65.6	56.3	43.8	24.7	24.7
11PM-MID	262	0.0	9	0.0	1500	262	0	9	0.45	0	65.9	56.9	44.4	24.8	24.8

+ 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	0.0133
MAIN ROUTE WITH WORKS	0.0103
DIVERSION	0.0185

PIA: Personal Injury Accidents

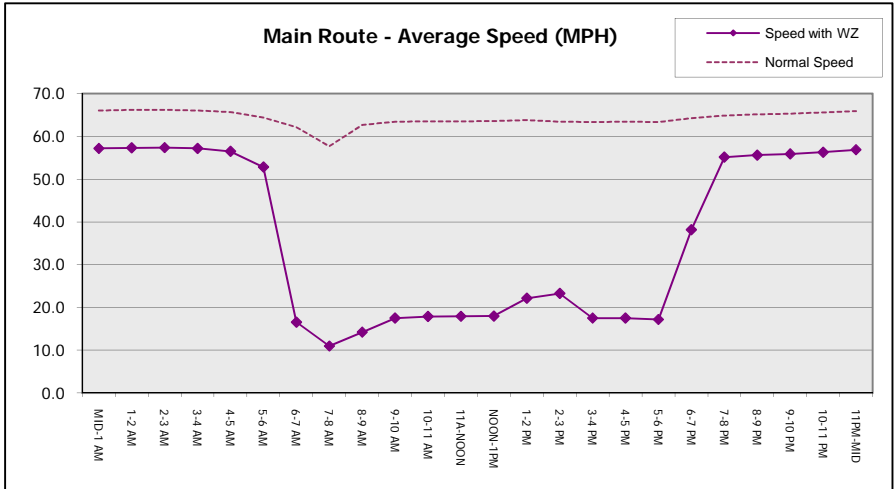
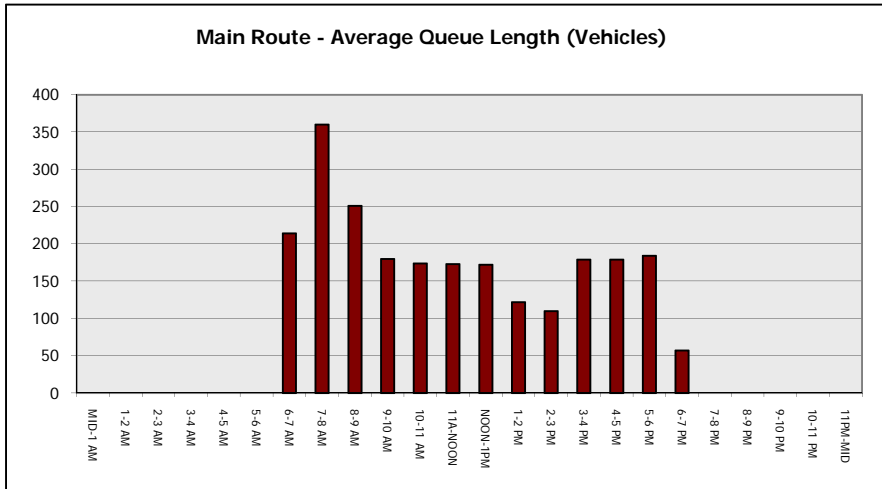
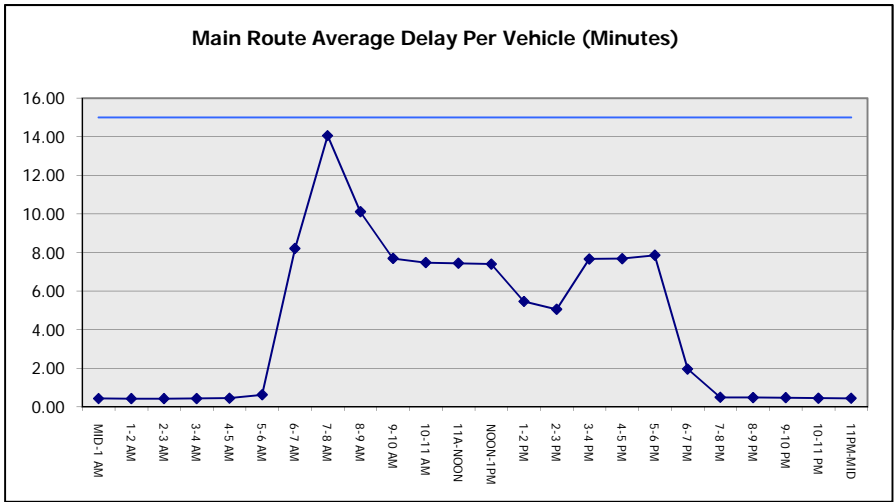
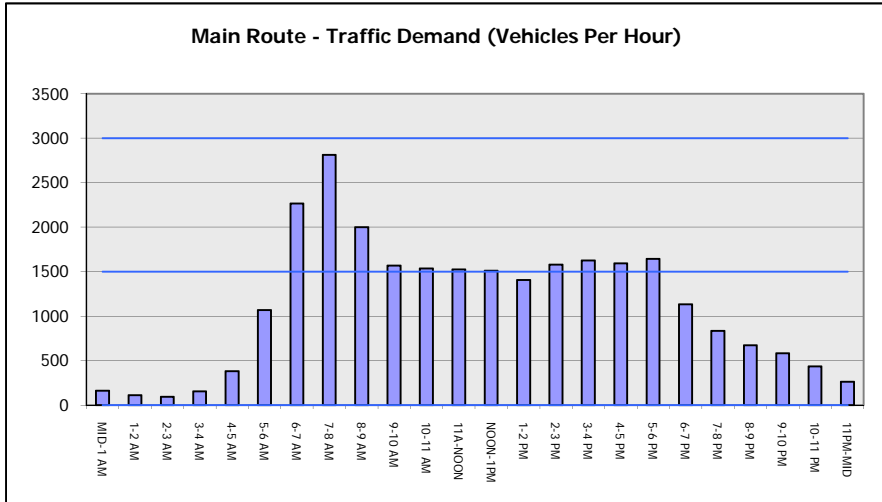
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$40,768
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 43: STH 57 TO STH 32 (OZAUKEE COUNTY)  
 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**  
**MON-THUR 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**

MON-THUR      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	303	0.0	10	0.0	1500	303	0	10	0.45	0	65.8	56.8	44.3	24.8	24.8
1-2 AM	165	0.0	5	0.0	1500	165	0	5	0.44	0	66.1	57.2	44.8	24.8	24.8
2-3 AM	122	0.0	4	0.0	1500	122	0	4	0.43	0	66.1	57.3	45.0	24.8	24.8
3-4 AM	125	0.0	4	0.0	1500	125	0	4	0.43	0	66.1	57.3	45.0	24.8	24.8
4-5 AM	191	0.0	6	0.0	1500	191	0	6	0.44	0	66.0	57.1	44.7	24.8	24.8
5-6 AM	415	0.0	13	0.0	1500	415	0	13	0.46	0	65.6	56.4	43.8	24.7	24.7
6-7 AM	925	0.0	29	0.0	1500	925	0	29	0.51	0	64.6	54.9	41.9	24.6	24.6
7-8 AM	1200	0.0	38	0.0	1500	1200	0	38	0.64	0	64.1	52.6	38.4	24.5	24.5
8-9 AM	1191	0.0	38	0.0	1500	1191	0	38	0.63	0	64.1	52.8	38.8	24.5	24.5
9-10 AM	1188	0.0	38	0.0	1500	1188	0	38	0.62	0	64.1	52.8	38.8	24.5	24.5
10-11 AM	1303	0.0	41	0.0	1500	1303	0	41	0.77	0	64.0	50.5	35.4	24.5	24.5
11A-NOON	1432	0.0	45	0.0	1500	1432	0	45	0.94	0	63.7	48.3	32.2	24.5	24.5
NOON-1PM	1387	0.0	43	0.0	1500	1387	0	43	0.88	0	63.8	49.1	33.3	24.5	24.5
1-2 PM	1439	0.0	45	0.0	1499	1439	0	45	0.94	0	63.7	48.1	32.1	24.5	24.5
2-3 PM	1829	0.0	57	0.0	1499	1738	92	149	4.79	120	63.0	24.0	30.8	24.4	23.7
3-4 PM	2241	0.0	70	0.0	1499	1537	704	774	10.34	253	62.2	14.0	30.8	24.3	18.9
4-5 PM	2633	0.0	83	0.0	1500	1567	1066	1149	12.60	318	59.6	11.9	30.8	24.2	16.0
5-6 PM	2678	0.0	84	0.0	1500	1477	1201	1285+	13.70	348	59.1	11.2	30.8	24.2	15.1
6-7 PM	1694	0.0	53	0.0	1499	1349	346	398	8.62	210	63.2	16.1	31.4	24.4	21.8
7-8 PM	1089	0.0	35	0.0	1499	1089	0	35	1.66	44	64.3	40.9	38.3	24.6	24.6
8-9 PM	942	0.0	29	0.0	1500	942	0	29	0.51	0	64.6	54.8	41.9	24.6	24.6
9-10 PM	795	0.0	25	0.0	1500	795	0	25	0.50	0	64.9	55.3	42.4	24.7	24.7
10-11 PM	606	0.0	19	0.0	1500	606	0	19	0.48	0	65.3	55.8	43.1	24.7	24.7
11PM-MID	456	0.0	14	0.0	1500	456	0	14	0.47	0	65.5	56.3	43.7	24.7	24.7

+ 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	0.0130
MAIN ROUTE WITH WORKS	0.0098
DIVERSION	0.0209

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$28,551
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**  
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 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**MON-THUR NORTHBOUND DIRECTION**

