

<b>IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH C - CTH W - STH 60</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	711	0.0	84	0.0	1500	711	0	84	0.49	0	65.1	54.6	42.7	19.4	19.4
1-2 AM	348	0.0	41	0.0	1500	348	0	41	0.46	0	65.8	55.8	44.1	19.6	19.6
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	94	0.0	11	0.0	1500	94	0	11	0.43	0	66.2	56.6	45.1	19.8	19.8
4-5 AM	130	0.0	15	0.0	1500	130	0	15	0.44	0	66.1	56.4	45.0	19.7	19.7
5-6 AM	211	0.0	25	0.0	1500	211	0	25	0.44	0	66.0	56.2	44.6	19.7	19.7
6-7 AM	340	0.0	40	0.0	1500	340	0	40	0.46	0	65.8	55.8	44.2	19.6	19.6
7-8 AM	465	0.0	56	0.0	1500	465	0	56	0.47	0	65.5	55.4	43.7	19.5	19.5
8-9 AM	757	0.0	91	0.0	1500	757	0	91	0.50	0	65.0	54.5	42.5	19.3	19.3
9-10 AM	1146	0.0	136	0.0	1499	1146	0	136	0.61	0	64.3	52.1	39.2	19.0	19.0
10-11 AM	1606	0.0	191	0.0	1499	1606	0	191	1.83	28	63.4	37.6	31.0	18.7	18.7
11A-NOON	2144	0.0	255	0.0	1500	1664	481	736	9.62	239	62.4	13.7	30.8	18.3	15.3
NOON-1PM	2284	0.0	272	0.0	1499	1517	767	1039	11.60	286	62.1	11.8	30.8	18.2	13.4
1-2 PM	2388	0.0	284	0.0	1500	1519	869	1153	12.41	309	61.9	11.3	30.8	18.1	12.9
2-3 PM	2374	0.0	282	0.0	1499	1495	879	1161	12.47	310	62.0	11.3	30.8	18.1	12.9
3-4 PM	2423	0.0	288	0.0	1500	1513	910	1198	12.76	318	61.7	11.2	30.8	18.1	12.7
4-5 PM	2464	0.0	293	0.0	1500	1503	961	1254+	13.20	331	61.2	11.0	30.8	18.1	12.4
5-6 PM	2250	0.0	268	0.0	1499	1444	806	1074	11.85	294	62.2	11.7	30.8	18.2	13.3
6-7 PM	1973	0.0	235	0.0	1500	1451	522	757	9.97	242	62.7	13.3	30.8	18.4	15.2
7-8 PM	1583	0.0	188	0.0	1500	1452	131	319	8.08	190	63.5	15.6	30.8	18.7	17.9
8-9 PM	1250	0.0	148	0.0	1499	1250	0	148	2.88	82	64.1	30.5	34.7	18.9	18.9
9-10 PM	799	0.0	95	0.0	1500	799	0	95	0.50	0	64.9	54.4	42.4	19.3	19.3
10-11 PM	499	0.0	60	0.0	1500	499	0	60	0.47	0	65.5	55.3	43.5	19.5	19.5
11PM-MID	272	0.0	32	0.0	1500	272	0	32	0.45	0	65.9	56.0	44.4	19.7	19.7

+ 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	0.0128
MAIN ROUTE WITH WORKS	0.0085
DIVERSION	0.0366

PIA: Personal Injury Accidents

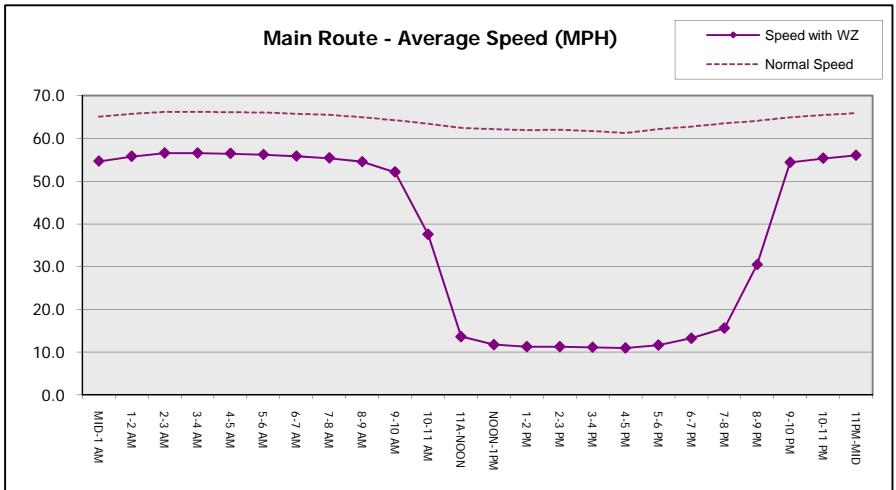
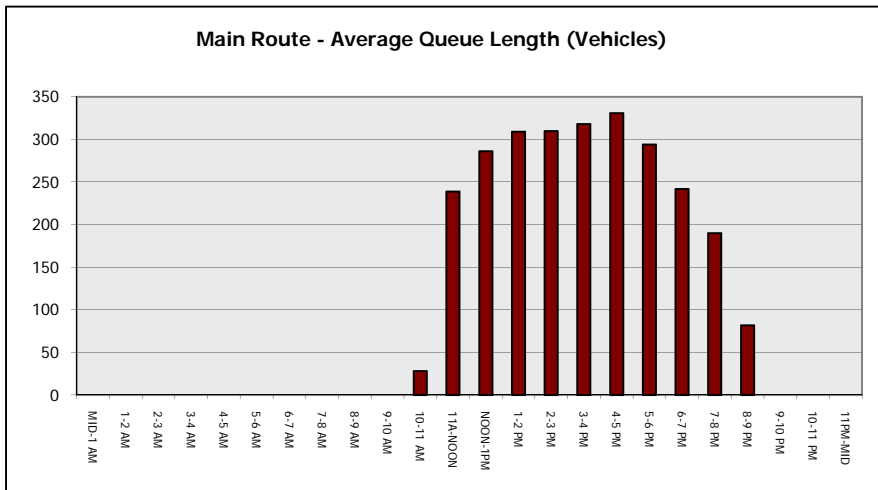
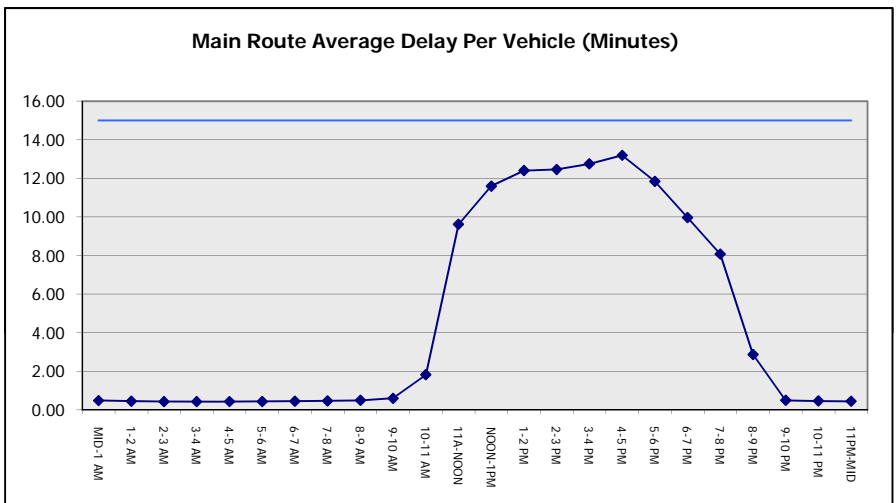
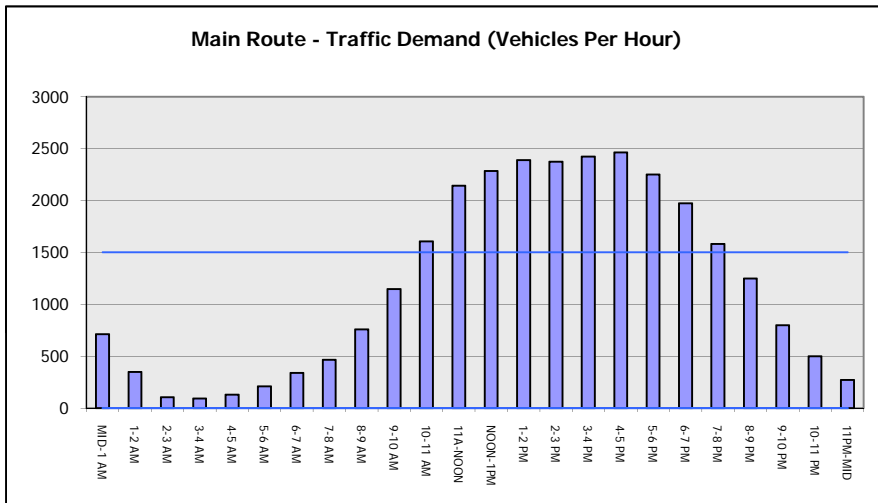
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$69,763
CONGESTED HOURS PER DAY*	0

\*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**  
**SUNDAY SOUTHBOUND DIRECTION**



<b>IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH C - CTH W - STH 60</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	384	0.0	45	0.0	1500	384	0	45	0.46	0	65.6	55.6	44.0	19.6	19.6
1-2 AM	226	0.0	27	0.0	1500	226	0	27	0.44	0	66.0	56.1	44.6	19.7	19.7
2-3 AM	137	0.0	16	0.0	1500	137	0	16	0.44	0	66.1	56.4	45.0	19.7	19.7
3-4 AM	97	0.0	11	0.0	1500	97	0	11	0.43	0	66.2	56.6	45.1	19.8	19.8
4-5 AM	103	0.0	12	0.0	1500	103	0	12	0.43	0	66.2	56.6	45.1	19.8	19.8
5-6 AM	135	0.0	16	0.0	1500	135	0	16	0.44	0	66.1	56.4	45.0	19.7	19.7
6-7 AM	254	0.0	30	0.0	1500	254	0	30	0.45	0	65.9	56.1	44.5	19.7	19.7
7-8 AM	385	0.0	46	0.0	1500	385	0	46	0.46	0	65.6	55.6	44.0	19.6	19.6
8-9 AM	637	0.0	76	0.0	1500	637	0	76	0.48	0	65.2	54.9	43.0	19.4	19.4
9-10 AM	956	0.0	114	0.0	1500	956	0	114	0.51	0	64.6	53.9	41.9	19.2	19.2
10-11 AM	1250	0.0	148	0.0	1499	1250	0	148	0.70	0	64.1	50.6	37.1	18.9	18.9
11A-NOON	1537	0.0	183	0.0	1499	1537	0	183	1.37	10	63.5	41.8	30.9	18.8	18.8
NOON-1PM	1650	0.0	197	0.0	1500	1650	0	197	4.98	114	63.3	22.0	30.8	18.6	18.6
1-2 PM	1675	0.0	200	0.0	1499	1502	173	373	8.27	195	63.3	15.4	30.8	18.6	17.6
2-3 PM	1587	0.0	189	0.0	1499	1489	98	288	7.96	187	63.4	15.8	30.8	18.7	18.1
3-4 PM	1541	0.0	183	0.0	1500	1496	45	228	7.75	181	63.5	16.1	30.8	18.8	18.4
4-5 PM	1548	0.0	184	0.0	1500	1500	48	233	7.77	182	63.5	16.1	30.8	18.8	18.4
5-6 PM	1443	0.0	172	0.0	1499	1441	2	174	6.88	158	63.7	17.6	30.8	18.8	18.8
6-7 PM	1269	0.0	151	0.0	1499	1269	0	151	1.80	39	64.0	38.0	35.0	18.9	18.9
7-8 PM	1063	0.0	127	0.0	1500	1063	0	127	0.53	0	64.4	53.6	41.5	19.1	19.1
8-9 PM	869	0.0	103	0.0	1500	869	0	103	0.51	0	64.8	54.2	42.2	19.3	19.3
9-10 PM	697	0.0	83	0.0	1500	697	0	83	0.49	0	65.1	54.7	42.8	19.4	19.4
10-11 PM	480	0.0	58	0.0	1500	480	0	58	0.47	0	65.5	55.4	43.6	19.5	19.5
11PM-MID	364	0.0	43	0.0	1500	364	0	43	0.46	0	65.7	55.7	44.0	19.6	19.6

*----- 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	0.0090
MAIN ROUTE WITH WORKS	0.0076
DIVERSION	0.0105

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$22,581
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**  
**SUNDAY NORTHBOUND DIRECTION**

