

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

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	184	0.0	5	0.0	1500	184	0	5	0.44	0	66.0	57.1	44.8	24.8	24.8
1-2 AM	131	0.0	4	0.0	1500	131	0	4	0.44	0	66.1	57.3	45.0	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	148	0.0	4	0.0	1500	148	0	4	0.44	0	66.1	57.2	44.9	24.8	24.8
4-5 AM	366	0.0	12	0.0	1500	366	0	12	0.46	0	65.7	56.6	44.0	24.8	24.8
5-6 AM	994	0.0	31	0.0	1499	994	0	31	0.57	0	64.5	53.9	40.4	24.6	24.6
6-7 AM	2055	0.0	65	0.0	1499	1759	296	360	6.48	166	62.5	19.7	30.8	24.3	22.0
7-8 AM	2367	0.0	74	0.0	1499	1516	851	925	11.20	276	62.0	13.1	30.8	24.3	17.8
8-9 AM	1866	0.0	58	0.0	1499	1420	446	504	9.05	218	62.9	15.5	30.8	24.4	21.0
9-10 AM	1529	0.0	49	0.0	1500	1469	60	108	7.52	175	63.5	17.8	30.8	24.5	24.0
10-11 AM	1501	0.0	48	0.0	1500	1501	0	48	7.07	163	63.6	18.6	30.8	24.5	24.5
11A-NOON	1591	0.0	50	0.0	1500	1516	75	125	7.61	177	63.4	17.6	30.8	24.5	23.9
NOON-1PM	1664	0.0	52	0.0	1500	1507	157	209	7.90	185	63.3	17.1	30.8	24.5	23.2
1-2 PM	1717	0.0	54	0.0	1500	1506	211	265	8.10	191	63.2	16.8	30.8	24.4	22.8
2-3 PM	1807	0.0	57	0.0	1500	1510	296	354	8.43	200	63.0	16.3	30.8	24.4	22.1
3-4 PM	1885	0.0	59	0.0	1500	1508	377	436	8.76	209	62.8	15.8	30.8	24.4	21.5
4-5 PM	1918	0.0	60	0.0	1500	1503	415	476	8.93	214	62.8	15.6	30.8	24.4	21.2
5-6 PM	1916	0.0	60	0.0	1500	1491	425	485	8.97	215	62.8	15.6	30.8	24.4	21.1
6-7 PM	1385	0.0	43	0.0	1499	1348	37	80	6.09	144	63.8	20.6	31.7	24.5	24.2
7-8 PM	988	0.0	31	0.0	1500	988	0	31	0.61	3	64.5	53.2	41.7	24.6	24.6
8-9 PM	739	0.0	24	0.0	1500	739	0	24	0.49	0	65.0	55.5	42.6	24.7	24.7
9-10 PM	639	0.0	21	0.0	1500	639	0	21	0.48	0	65.2	55.7	43.0	24.7	24.7
10-11 PM	544	0.0	17	0.0	1500	544	0	17	0.48	0	65.4	56.0	43.3	24.7	24.7
11PM-MID	355	0.0	11	0.0	1500	355	0	11	0.46	0	65.7	56.6	44.1	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	0.0140
MAIN ROUTE WITH WORKS	0.0106
DIVERSION	0.0224

PIA: Personal Injury Accidents

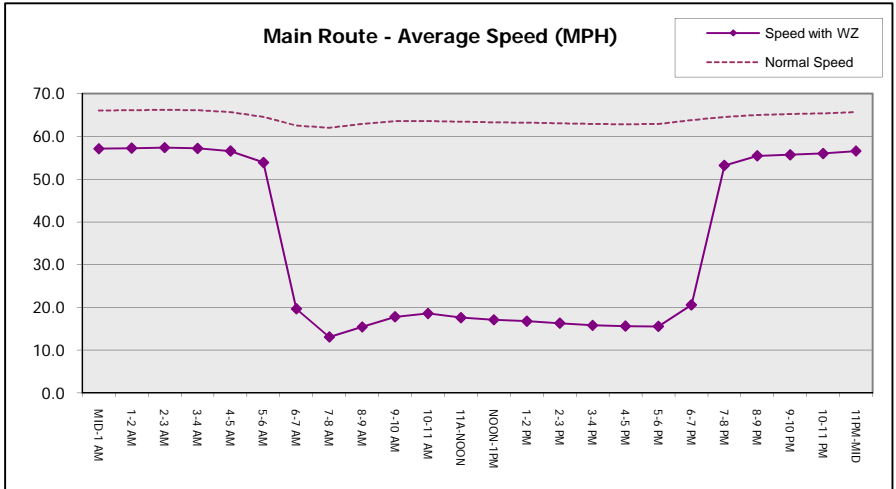
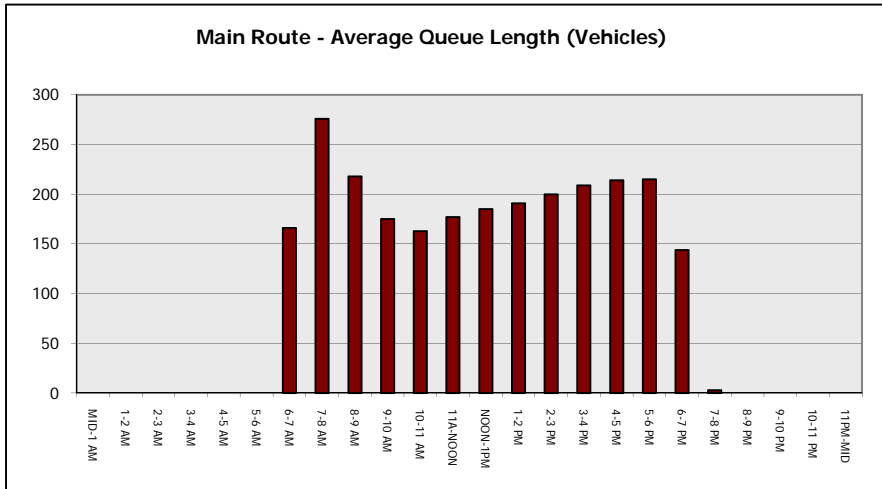
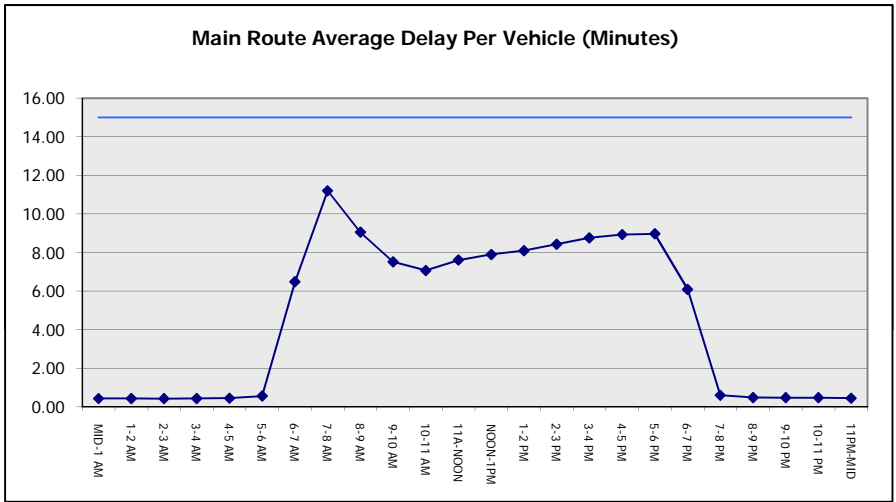
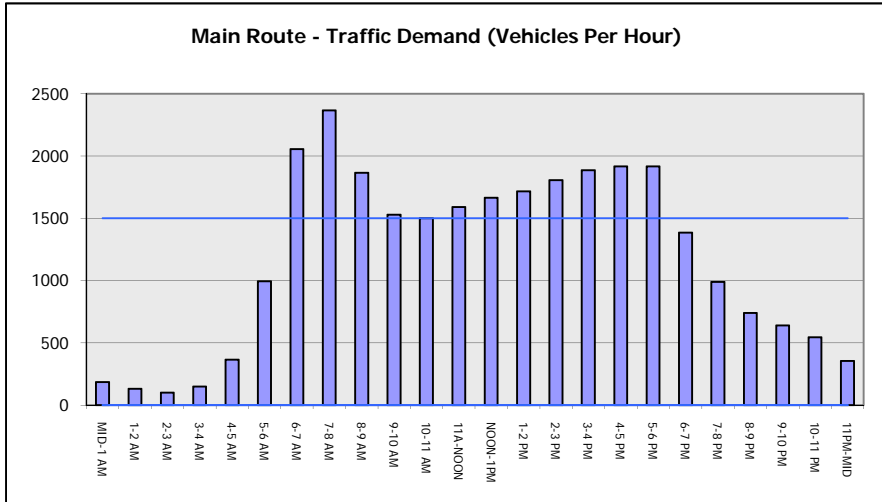
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$45,635
CONGESTED HOURS PER DAY*	0

*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
FRIDAY SOUTHBOUND DIRECTION



IH 43: STH 57 TO STH 32 (OZAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 32 - CTH W - STH 33	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	329	0.0	11	0.0	1500	329	0	11	0.45	0	65.8	56.6	44.2	24.8	24.8
1-2 AM	180	0.0	5	0.0	1500	180	0	5	0.44	0	66.1	57.1	44.8	24.8	24.8
2-3 AM	138	0.0	4	0.0	1500	138	0	4	0.44	0	66.1	57.3	45.0	24.8	24.8
3-4 AM	153	0.0	4	0.0	1500	153	0	4	0.44	0	66.1	57.2	44.9	24.8	24.8
4-5 AM	239	0.0	8	0.0	1500	239	0	8	0.45	0	66.0	56.9	44.5	24.8	24.8
5-6 AM	474	0.0	15	0.0	1500	474	0	15	0.47	0	65.5	56.2	43.6	24.7	24.7
6-7 AM	946	0.0	30	0.0	1500	946	0	30	0.51	0	64.6	54.8	41.9	24.6	24.6
7-8 AM	1127	0.0	36	0.0	1500	1127	0	36	0.54	0	64.3	54.2	40.9	24.6	24.6
8-9 AM	1356	0.0	42	0.0	1500	1356	0	42	0.84	0	63.8	49.6	34.0	24.5	24.5
9-10 AM	1427	0.0	45	0.0	1499	1427	0	45	0.93	0	63.7	48.3	32.4	24.5	24.5
10-11 AM	1658	0.0	52	0.0	1499	1658	0	52	3.02	63	63.3	31.2	30.8	24.5	24.5
11A-NOON	1922	0.0	60	0.0	1499	1562	360	421	8.69	208	62.8	16.0	30.8	24.4	21.6
NOON-1PM	1976	0.0	63	0.0	1499	1506	471	533	9.17	220	62.7	15.3	30.8	24.3	20.7
1-2 PM	2156	0.0	68	0.0	1500	1530	626	694	9.92	241	62.3	14.4	30.8	24.3	19.5
2-3 PM	2486	0.0	78	0.0	1500	1559	927	1005	11.66	290	61.0	12.7	30.8	24.2	17.1
3-4 PM	2756	0.0	86	0.0	1500	1560	1195	1282+	13.62	347	58.2	11.2	30.8	24.2	15.1
4-5 PM	2996	0.0	94	0.0	1500	1565	1430	1524+	16.03	417	55.8	10.2	30.8	24.1	13.6
5-6 PM	2901	0.0	92	0.0	1499	1444	1457	1549+	16.41	425	56.8	10.1	30.8	24.2	13.5
6-7 PM	2095	0.0	66	0.0	1499	1329	766	832	10.67	266	62.5	13.6	30.8	24.3	18.4
7-8 PM	1463	0.0	46	0.0	1500	1390	72	119	6.94	162	63.7	18.9	30.8	24.5	23.9
8-9 PM	1226	0.0	39	0.0	1500	1226	0	39	1.34	23	64.1	43.8	36.6	24.5	24.5
9-10 PM	1062	0.0	33	0.0	1500	1062	0	33	0.53	0	64.4	54.5	41.5	24.6	24.6
10-11 PM	1128	0.0	36	0.0	1500	1128	0	36	0.54	0	64.3	54.1	40.9	24.6	24.6
11PM-MID	762	0.0	24	0.0	1500	762	0	24	0.50	0	65.0	55.4	42.5	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	0.0163
MAIN ROUTE WITH WORKS	0.0110
DIVERSION	0.0412

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$61,574
CONGESTED HOURS PER DAY*	2

*Delays Exceeding 15 Minutes

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AUGUST
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY NORTHBOUND DIRECTION

