

IH 43: STH 57 TO STH 32 (OZAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 32 - CTH W - STH 33	OCTOBER
	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	186	0.0	5	0.0	1500	186	0	5	0.44	0	66.0	57.1	44.7	24.8	24.8
1-2 AM	164	0.0	5	0.0	1500	164	0	5	0.44	0	66.1	57.2	44.8	24.8	24.8
2-3 AM	106	0.0	3	0.0	1500	106	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
3-4 AM	144	0.0	4	0.0	1500	144	0	4	0.44	0	66.1	57.3	44.9	24.8	24.8
4-5 AM	341	0.0	11	0.0	1500	341	0	11	0.46	0	65.8	56.6	44.2	24.8	24.8
5-6 AM	1115	0.0	35	0.0	1499	1115	0	35	0.66	0	64.3	52.3	38.1	24.6	24.6
6-7 AM	2264	0.0	71	0.0	1499	1801	463	534	8.12	212	62.2	16.7	30.8	24.3	20.7
7-8 AM	2928	0.0	92	0.0	1500	1603	1324	1416+	14.86	384	56.5	10.7	30.8	24.2	14.3
8-9 AM	1999	0.0	63	0.0	1499	1296	703	766	10.32	259	62.7	14.0	31.2	24.3	19.0
9-10 AM	1425	0.0	44	0.0	1500	1388	36	81	6.61	153	63.7	19.5	30.9	24.5	24.2
10-11 AM	1287	0.0	40	0.0	1500	1287	0	40	1.34	19	64.0	43.8	35.0	24.5	24.5
11A-NOON	1321	0.0	41	0.0	1500	1321	0	41	0.79	0	63.9	50.2	35.0	24.5	24.5
NOON-1PM	1364	0.0	43	0.0	1500	1364	0	43	0.85	0	63.8	49.4	33.8	24.5	24.5
1-2 PM	1367	0.0	43	0.0	1500	1367	0	43	0.85	0	63.8	49.4	33.8	24.5	24.5
2-3 PM	1468	0.0	47	0.0	1499	1468	0	47	0.98	0	63.7	47.6	31.5	24.5	24.5
3-4 PM	1565	0.0	50	0.0	1499	1565	0	50	2.18	33	63.5	36.4	30.8	24.5	24.5
4-5 PM	1445	0.0	45	0.0	1499	1445	0	45	2.36	37	63.7	35.2	31.0	24.5	24.5
5-6 PM	1552	0.0	49	0.0	1500	1552	0	49	2.71	46	63.5	33.0	30.8	24.5	24.5
6-7 PM	1102	0.0	35	0.0	1500	1102	0	35	0.77	6	64.3	50.8	39.7	24.6	24.6
7-8 PM	741	0.0	24	0.0	1500	741	0	24	0.49	0	65.0	55.5	42.6	24.7	24.7
8-9 PM	547	0.0	17	0.0	1500	547	0	17	0.48	0	65.4	56.0	43.3	24.7	24.7
9-10 PM	436	0.0	14	0.0	1500	436	0	14	0.46	0	65.6	56.3	43.8	24.7	24.7
10-11 PM	345	0.0	11	0.0	1500	345	0	11	0.46	0	65.8	56.6	44.1	24.8	24.8
11PM-MID	209	0.0	6	0.0	1500	209	0	6	0.44	0	66.0	57.0	44.6	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	0.0125
MAIN ROUTE WITH WORKS	0.0098
DIVERSION	0.0164

PIA: Personal Injury Accidents

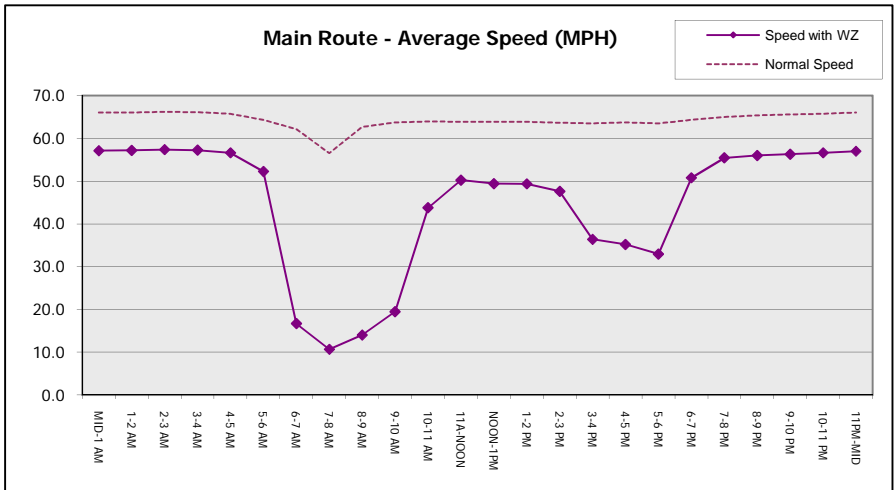
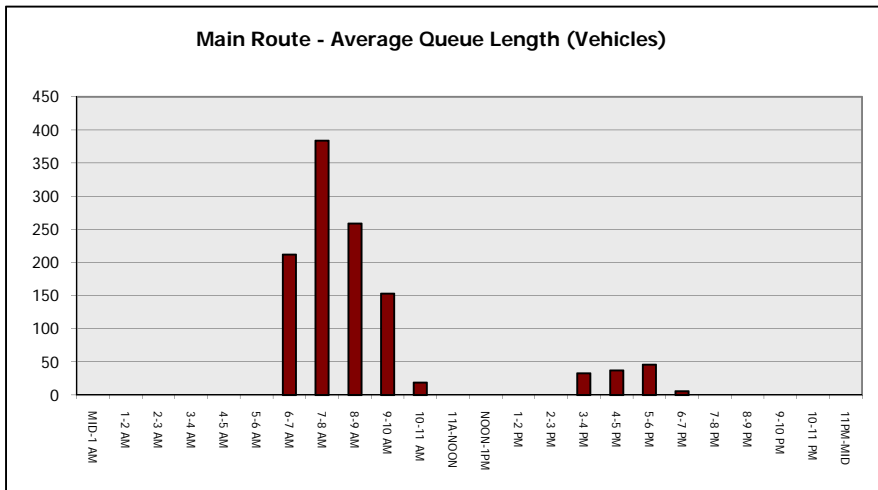
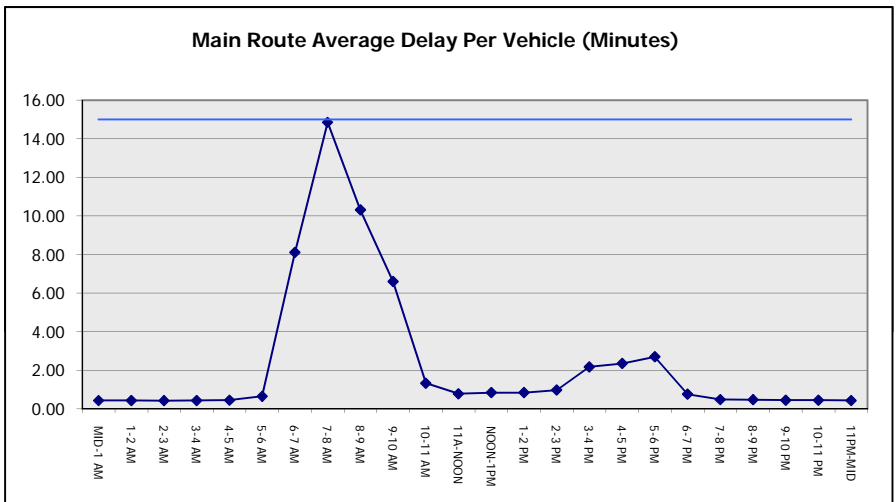
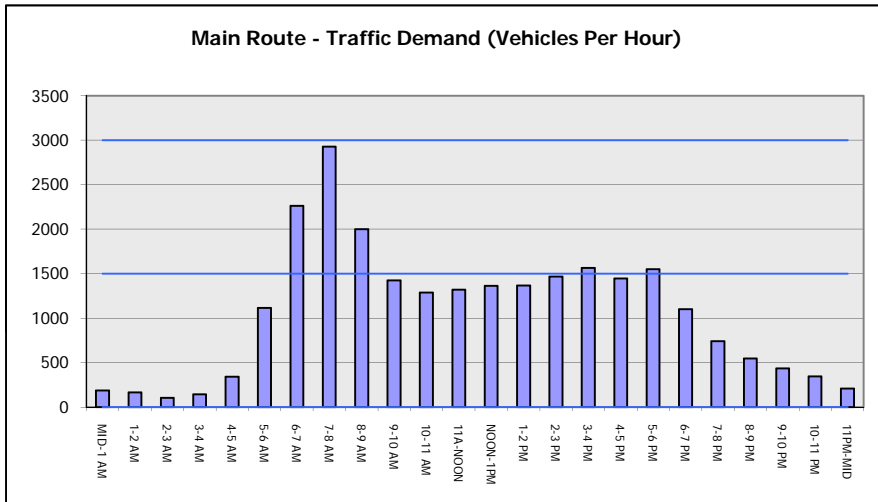
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$24,719
CONGESTED HOURS PER DAY*	0

*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**

OCTOBER
 Analyzed for 2009
 Construction Season

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



IH 43: STH 57 TO STH 32 (OZAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 32 - CTH W - STH 33	OCTOBER
	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	192	0.0	6	0.0	1500	192	0	6	0.44	0	66.0	57.1	44.7	24.8	24.8
1-2 AM	117	0.0	3	0.0	1500	117	0	3	0.43	0	66.1	57.3	45.0	24.8	24.8
2-3 AM	104	0.0	3	0.0	1500	104	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
3-4 AM	114	0.0	3	0.0	1500	114	0	3	0.43	0	66.2	57.3	45.0	24.8	24.8
4-5 AM	171	0.0	5	0.0	1500	171	0	5	0.44	0	66.1	57.1	44.8	24.8	24.8
5-6 AM	383	0.0	12	0.0	1500	383	0	12	0.46	0	65.7	56.5	44.0	24.8	24.8
6-7 AM	873	0.0	27	0.0	1500	873	0	27	0.51	0	64.8	55.0	42.1	24.7	24.7
7-8 AM	1149	0.0	36	0.0	1500	1149	0	36	0.57	0	64.3	53.7	40.2	24.6	24.6
8-9 AM	1079	0.0	34	0.0	1500	1079	0	34	0.53	0	64.4	54.5	41.4	24.6	24.6
9-10 AM	1059	0.0	34	0.0	1500	1059	0	34	0.52	0	64.4	54.5	41.5	24.6	24.6
10-11 AM	1128	0.0	36	0.0	1500	1128	0	36	0.54	0	64.3	54.1	40.9	24.6	24.6
11A-NOON	1229	0.0	39	0.0	1500	1229	0	39	0.67	0	64.1	52.0	37.6	24.5	24.5
NOON-1PM	1272	0.0	40	0.0	1500	1272	0	40	0.73	0	64.0	51.2	36.3	24.5	24.5
1-2 PM	1338	0.0	42	0.0	1499	1338	0	42	0.81	0	63.9	49.9	34.5	24.5	24.5
2-3 PM	1695	0.0	53	0.0	1499	1695	0	53	3.20	72	63.2	30.2	30.8	24.4	24.4
3-4 PM	2130	0.0	67	0.0	1499	1562	568	635	9.64	234	62.4	14.7	30.8	24.3	20.0
4-5 PM	2485	0.0	78	0.0	1500	1554	931	1009	11.69	291	61.0	12.6	30.8	24.2	17.1
5-6 PM	2578	0.0	81	0.0	1500	1490	1088	1169	12.77	321	60.1	11.7	30.8	24.2	15.9
6-7 PM	1669	0.0	53	0.0	1499	1366	303	356	8.45	204	63.3	16.3	31.2	24.4	22.1
7-8 PM	1046	0.0	32	0.0	1500	1046	0	32	1.51	39	64.5	42.4	39.0	24.6	24.6
8-9 PM	857	0.0	27	0.0	1500	857	0	27	0.51	0	64.8	55.1	42.2	24.7	24.7
9-10 PM	731	0.0	23	0.0	1500	731	0	23	0.49	0	65.0	55.5	42.7	24.7	24.7
10-11 PM	498	0.0	16	0.0	1500	498	0	16	0.47	0	65.5	56.1	43.5	24.7	24.7
11PM-MID	329	0.0	11	0.0	1500	329	0	11	0.45	0	65.8	56.6	44.2	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	0.0120
MAIN ROUTE WITH WORKS	0.0091
DIVERSION	0.0180

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$24,358
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**

OCTOBER
 Analyzed for 2009
 Construction Season

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

