

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

SATURDAY 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	191	0.0	6	0.0	1500	191	0	6	0.44	0	66.0	57.1	44.7	24.8	24.8
1-2 AM	118	0.0	3	0.0	1500	118	0	3	0.43	0	66.1	57.3	45.0	24.8	24.8
2-3 AM	90	0.0	3	0.0	1500	90	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
3-4 AM	124	0.0	4	0.0	1500	124	0	4	0.43	0	66.1	57.3	45.0	24.8	24.8
4-5 AM	197	0.0	6	0.0	1500	197	0	6	0.44	0	66.0	57.1	44.7	24.8	24.8
5-6 AM	322	0.0	10	0.0	1500	322	0	10	0.45	0	65.8	56.7	44.2	24.8	24.8
6-7 AM	522	0.0	16	0.0	1500	522	0	16	0.47	0	65.4	56.1	43.4	24.7	24.7
7-8 AM	735	0.0	23	0.0	1500	735	0	23	0.49	0	65.0	55.5	42.6	24.7	24.7
8-9 AM	1077	0.0	33	0.0	1500	1077	0	33	0.53	0	64.4	54.5	41.4	24.6	24.6
9-10 AM	1265	0.0	40	0.0	1500	1265	0	40	0.72	0	64.0	51.3	36.5	24.5	24.5
10-11 AM	1445	0.0	45	0.0	1499	1445	0	45	0.95	0	63.7	48.0	32.0	24.5	24.5
11A-NOON	1567	0.0	50	0.0	1499	1567	0	50	1.95	27	63.5	38.1	30.8	24.5	24.5
NOON-1PM	1648	0.0	52	0.0	1500	1632	16	68	5.85	135	63.3	21.2	30.8	24.5	24.3
1-2 PM	1626	0.0	51	0.0	1499	1484	142	193	7.85	184	63.3	17.3	30.8	24.5	23.3
2-3 PM	1644	0.0	52	0.0	1500	1501	143	195	7.85	184	63.3	17.3	30.8	24.5	23.3
3-4 PM	1580	0.0	50	0.0	1500	1493	87	136	7.66	179	63.5	17.6	30.8	24.5	23.8
4-5 PM	1563	0.0	50	0.0	1500	1496	67	116	7.59	177	63.5	17.7	30.8	24.5	24.0
5-6 PM	1328	0.0	42	0.0	1499	1328	0	42	4.17	98	63.9	26.3	32.1	24.5	24.5
6-7 PM	1205	0.0	38	0.0	1500	1205	0	38	0.64	0	64.1	52.5	38.3	24.5	24.5
7-8 PM	992	0.0	31	0.0	1500	992	0	31	0.52	0	64.5	54.7	41.7	24.6	24.6
8-9 PM	851	0.0	27	0.0	1500	851	0	27	0.50	0	64.8	55.1	42.2	24.7	24.7
9-10 PM	772	0.0	24	0.0	1500	772	0	24	0.50	0	65.0	55.3	42.5	24.7	24.7
10-11 PM	585	0.0	18	0.0	1500	585	0	18	0.48	0	65.3	55.9	43.2	24.7	24.7
11PM-MID	399	0.0	13	0.0	1500	399	0	13	0.46	0	65.6	56.4	43.9	24.7	24.7

----- 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	0.0108
MAIN ROUTE WITH WORKS	0.0091
DIVERSION	0.0056

PIA: Personal Injury Accidents

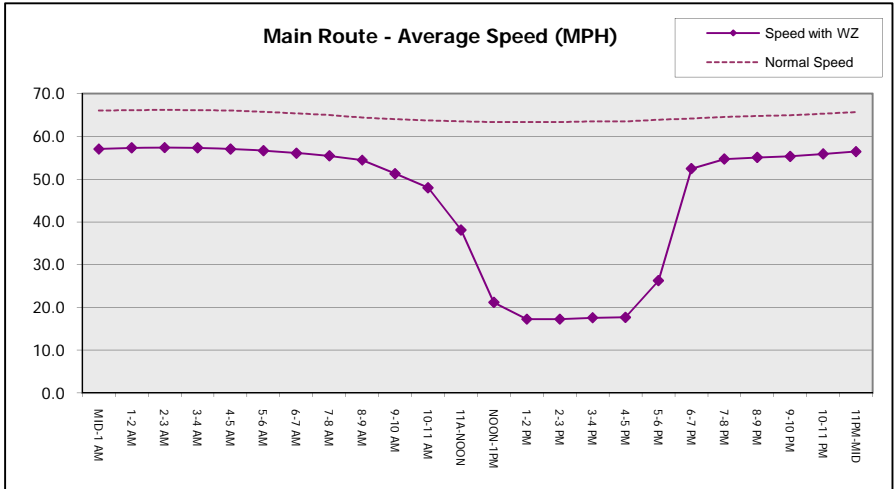
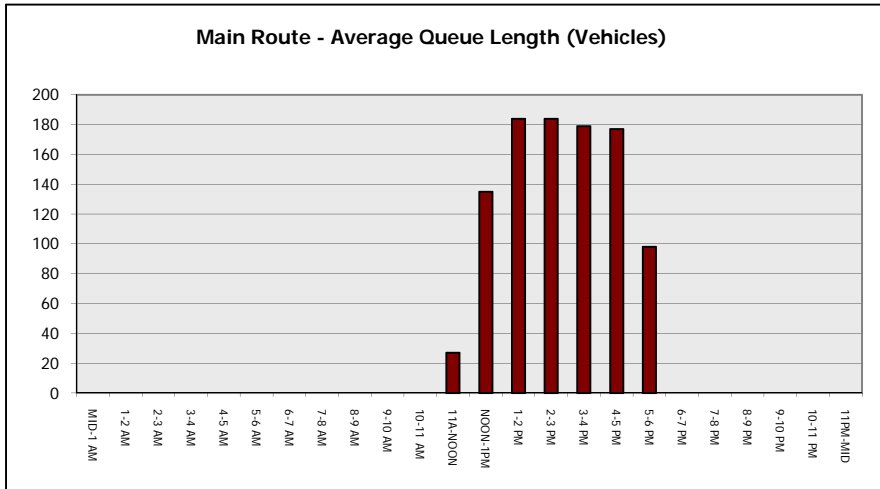
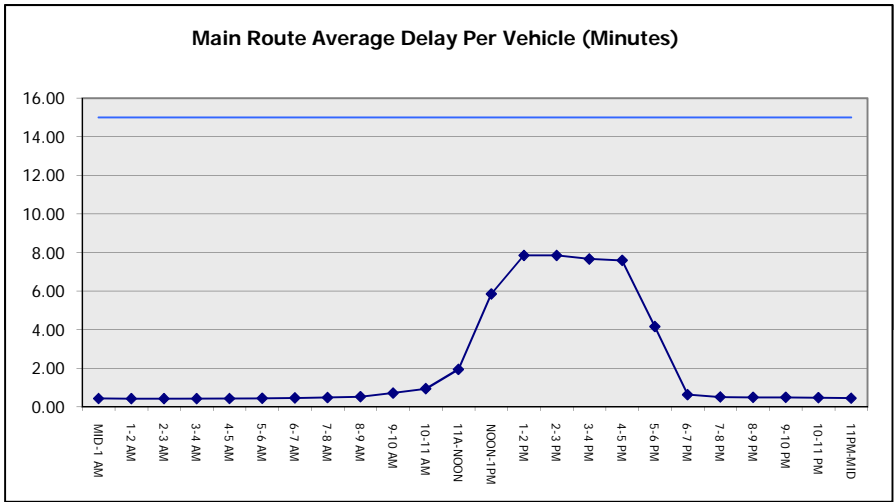
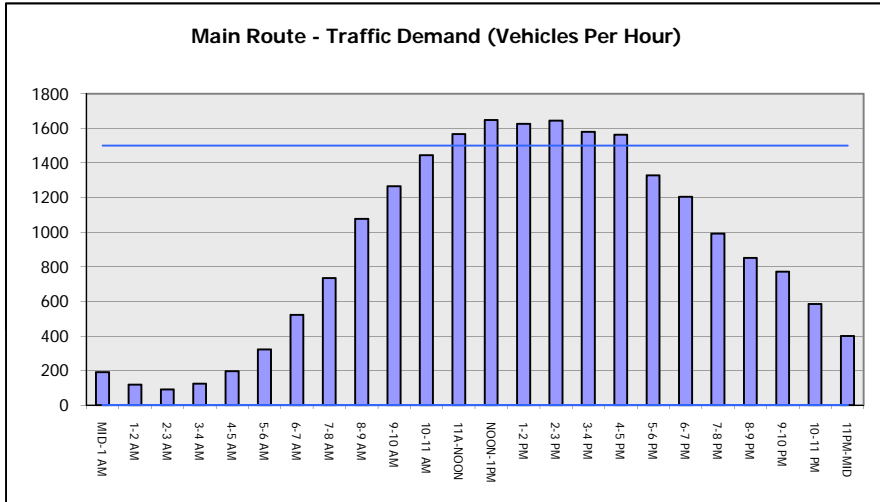
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$20,881
CONGESTED HOURS PER DAY*	0

*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
SATURDAY 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

SATURDAY NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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		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	351	0.0	11	0.0	1500	351	0	11	0.46	0	65.7	56.6	44.1	24.8	24.8
1-2 AM	250	0.0	8	0.0	1500	250	0	8	0.45	0	65.9	56.9	44.5	24.8	24.8
2-3 AM	217	0.0	6	0.0	1500	217	0	6	0.44	0	66.0	57.0	44.6	24.8	24.8
3-4 AM	164	0.0	5	0.0	1500	164	0	5	0.44	0	66.1	57.2	44.8	24.8	24.8
4-5 AM	170	0.0	5	0.0	1500	170	0	5	0.44	0	66.1	57.1	44.8	24.8	24.8
5-6 AM	296	0.0	10	0.0	1500	296	0	10	0.45	0	65.8	56.8	44.3	24.8	24.8
6-7 AM	415	0.0	13	0.0	1500	415	0	13	0.46	0	65.6	56.4	43.8	24.7	24.7
7-8 AM	699	0.0	22	0.0	1500	699	0	22	0.49	0	65.1	55.6	42.8	24.7	24.7
8-9 AM	1024	0.0	32	0.0	1500	1024	0	32	0.52	0	64.5	54.6	41.6	24.6	24.6
9-10 AM	1330	0.0	42	0.0	1499	1330	0	42	0.80	0	63.9	50.1	34.8	24.5	24.5
10-11 AM	1542	0.0	49	0.0	1499	1542	0	49	1.39	10	63.5	43.1	30.8	24.5	24.5
11A-NOON	1659	0.0	52	0.0	1500	1659	0	52	5.04	116	63.3	23.3	30.8	24.5	24.5
NOON-1PM	1718	0.0	54	0.0	1499	1489	229	283	8.17	193	63.2	16.7	30.8	24.4	22.7
1-2 PM	1568	0.0	50	0.0	1499	1486	82	131	7.64	178	63.5	17.6	30.8	24.5	23.8
2-3 PM	1687	0.0	53	0.0	1500	1513	174	227	7.96	187	63.2	17.1	30.8	24.4	23.1
3-4 PM	1657	0.0	52	0.0	1500	1494	164	215	7.93	186	63.3	17.1	30.8	24.5	23.2
4-5 PM	1548	0.0	49	0.0	1500	1488	60	109	7.56	176	63.5	17.7	30.8	24.5	24.0
5-6 PM	1397	0.0	44	0.0	1499	1397	0	44	5.85	133	63.8	21.2	31.0	24.5	24.5
6-7 PM	1117	0.0	36	0.0	1500	1117	0	36	0.79	7	64.3	50.5	39.8	24.6	24.6
7-8 PM	842	0.0	27	0.0	1500	842	0	27	0.50	0	64.8	55.1	42.2	24.7	24.7
8-9 PM	889	0.0	28	0.0	1500	889	0	28	0.51	0	64.7	55.0	42.0	24.7	24.7
9-10 PM	714	0.0	23	0.0	1500	714	0	23	0.49	0	65.1	55.5	42.7	24.7	24.7
10-11 PM	645	0.0	21	0.0	1500	645	0	21	0.48	0	65.2	55.7	43.0	24.7	24.7
11PM-MID	440	0.0	14	0.0	1500	440	0	14	0.47	0	65.6	56.3	43.7	24.7	24.7

----- 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	0.0110
MAIN ROUTE WITH WORKS	0.0092
DIVERSION	0.0070

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$24,817
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
SATURDAY NORTHBOUND DIRECTION

