

IH 43: STH 57 TO STH 32 (OZAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 32 - CTH W - STH 33	MAY
	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	119	0.0	3	0.0	1500	119	0	3	0.43	0	66.1	57.3	45.0	24.8	24.8
1-2 AM	93	0.0	3	0.0	1500	93	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
2-3 AM	86	0.0	3	0.0	1500	86	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
3-4 AM	138	0.0	4	0.0	1500	138	0	4	0.44	0	66.1	57.3	45.0	24.8	24.8
4-5 AM	346	0.0	11	0.0	1500	346	0	11	0.46	0	65.8	56.6	44.1	24.8	24.8
5-6 AM	1016	0.0	32	0.0	1499	1016	0	32	0.59	0	64.5	53.5	39.7	24.6	24.6
6-7 AM	2164	0.0	68	0.0	1499	1778	385	453	7.34	190	62.3	18.0	30.8	24.3	21.4
7-8 AM	2597	0.0	82	0.0	1500	1537	1060	1142	12.56	316	59.9	11.9	30.8	24.2	16.1
8-9 AM	1822	0.0	57	0.0	1499	1368	454	511	9.09	221	63.0	15.5	31.0	24.4	20.9
9-10 AM	1264	0.0	40	0.0	1499	1261	3	43	3.17	86	64.0	30.6	34.0	24.5	24.5
10-11 AM	1232	0.0	39	0.0	1500	1232	0	39	0.68	0	64.1	51.9	37.4	24.5	24.5
11A-NOON	1287	0.0	40	0.0	1500	1287	0	40	0.75	0	64.0	50.9	35.9	24.5	24.5
NOON-1PM	1304	0.0	41	0.0	1500	1304	0	41	0.77	0	64.0	50.5	35.4	24.5	24.5
1-2 PM	1291	0.0	41	0.0	1500	1291	0	41	0.75	0	64.0	50.8	35.8	24.5	24.5
2-3 PM	1406	0.0	44	0.0	1500	1406	0	44	0.90	0	63.8	48.7	32.9	24.5	24.5
3-4 PM	1460	0.0	46	0.0	1500	1460	0	46	0.97	0	63.7	47.8	31.6	24.5	24.5
4-5 PM	1461	0.0	46	0.0	1499	1461	0	46	0.97	0	63.7	47.8	31.6	24.5	24.5
5-6 PM	1568	0.0	50	0.0	1499	1568	0	50	2.65	45	63.5	33.3	30.8	24.5	24.5
6-7 PM	1079	0.0	33	0.0	1500	1079	0	34	0.76	7	64.4	50.9	40.1	24.6	24.6
7-8 PM	782	0.0	25	0.0	1500	782	0	25	0.50	0	65.0	55.3	42.5	24.7	24.7
8-9 PM	623	0.0	19	0.0	1500	623	0	19	0.48	0	65.2	55.8	43.0	24.7	24.7
9-10 PM	500	0.0	16	0.0	1500	500	0	16	0.47	0	65.5	56.1	43.5	24.7	24.7
10-11 PM	373	0.0	12	0.0	1500	373	0	12	0.46	0	65.7	56.5	44.0	24.8	24.8
11PM-MID	211	0.0	6	0.0	1500	211	0	6	0.44	0	66.0	57.0	44.6	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	0.0120
MAIN ROUTE WITH WORKS	0.0095
DIVERSION	0.0132

PIA: Personal Injury Accidents

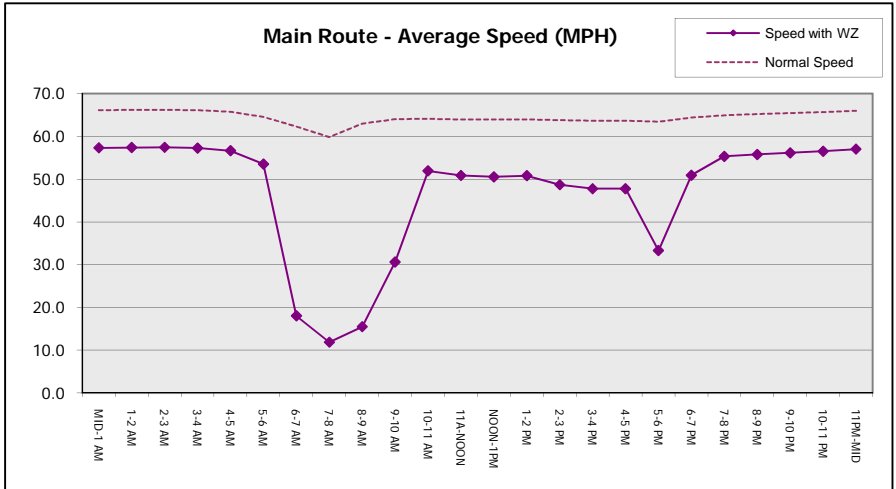
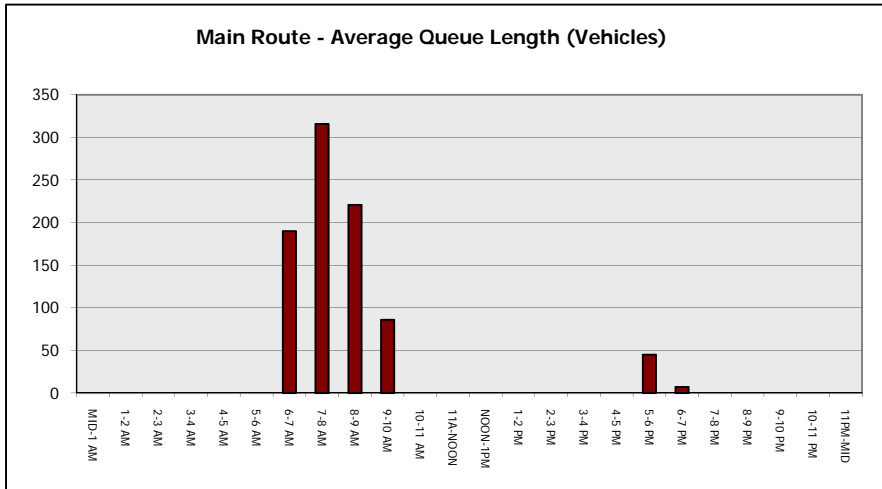
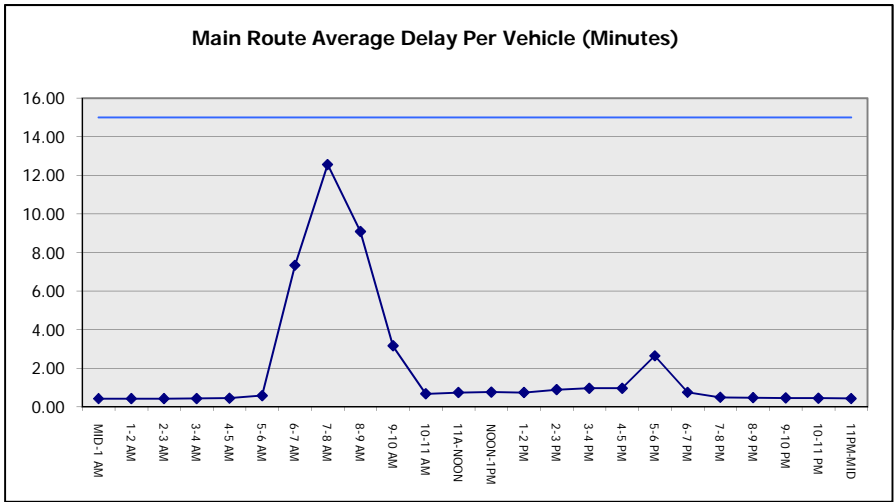
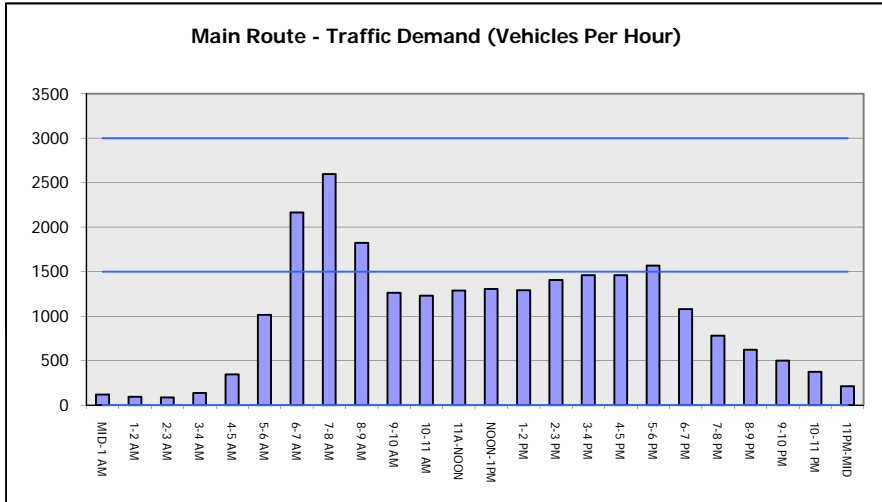
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$18,393
CONGESTED HOURS PER DAY*	0

*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**

MAY
 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	MAY
	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			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	194	0.0	6	0.0	1500	194	0	6	0.44	0	66.0	57.1	44.7	24.8	24.8
1-2 AM	121	0.0	4	0.0	1500	121	0	4	0.43	0	66.1	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	94	0.0	3	0.0	1500	94	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
4-5 AM	156	0.0	5	0.0	1500	156	0	5	0.44	0	66.1	57.2	44.8	24.8	24.8
5-6 AM	384	0.0	12	0.0	1500	384	0	12	0.46	0	65.6	56.5	44.0	24.8	24.8
6-7 AM	875	0.0	27	0.0	1500	875	0	27	0.51	0	64.8	55.0	42.1	24.7	24.7
7-8 AM	1079	0.0	33	0.0	1500	1079	0	33	0.53	0	64.4	54.5	41.4	24.6	24.6
8-9 AM	1027	0.0	32	0.0	1500	1027	0	32	0.52	0	64.5	54.6	41.6	24.6	24.6
9-10 AM	947	0.0	30	0.0	1500	947	0	30	0.51	0	64.6	54.8	41.9	24.6	24.6
10-11 AM	1027	0.0	32	0.0	1500	1027	0	32	0.52	0	64.5	54.6	41.6	24.6	24.6
11A-NOON	1141	0.0	36	0.0	1500	1141	0	36	0.56	0	64.3	53.8	40.4	24.6	24.6
NOON-1PM	1196	0.0	38	0.0	1500	1196	0	38	0.63	0	64.1	52.7	38.6	24.5	24.5
1-2 PM	1267	0.0	40	0.0	1499	1267	0	40	0.72	0	64.0	51.3	36.5	24.5	24.5
2-3 PM	1567	0.0	50	0.0	1499	1567	0	50	1.60	19	63.5	41.0	31.0	24.5	24.5
3-4 PM	1952	0.0	62	0.0	1500	1655	296	358	8.15	199	62.7	16.7	30.8	24.3	22.1
4-5 PM	2403	0.0	76	0.0	1500	1565	837	913	11.12	275	61.9	13.2	30.8	24.3	17.8
5-6 PM	2467	0.0	78	0.0	1500	1480	987	1065	12.07	301	61.2	12.3	30.8	24.2	16.7
6-7 PM	1442	0.0	45	0.0	1499	1281	161	206	6.59	162	63.7	19.6	32.4	24.5	23.3
7-8 PM	973	0.0	30	0.0	1500	973	0	30	0.62	3	64.6	53.2	41.7	24.6	24.6
8-9 PM	824	0.0	26	0.0	1500	824	0	26	0.50	0	64.8	55.2	42.3	24.7	24.7
9-10 PM	748	0.0	24	0.0	1500	748	0	24	0.49	0	65.0	55.4	42.6	24.7	24.7
10-11 PM	531	0.0	16	0.0	1500	531	0	16	0.47	0	65.4	56.1	43.4	24.7	24.7
11PM-MID	350	0.0	11	0.0	1500	350	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	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	0.0113
MAIN ROUTE WITH WORKS	0.0088
DIVERSION	0.0148

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$20,031
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**

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Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

MON-THUR NORTHBOUND DIRECTION

