

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

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	153	0.0	4	0.0	1500	153	0	4	0.44	0	66.1	57.2	44.9	24.8	24.8
1-2 AM	103	0.0	3	0.0	1500	103	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
2-3 AM	75	0.0	2	0.0	1500	75	0	2	0.43	0	66.3	57.4	45.2	24.8	24.8
3-4 AM	70	0.0	2	0.0	1500	70	0	2	0.43	0	66.3	57.4	45.2	24.8	24.8
4-5 AM	91	0.0	3	0.0	1500	91	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
5-6 AM	181	0.0	5	0.0	1500	181	0	5	0.44	0	66.1	57.1	44.8	24.8	24.8
6-7 AM	289	0.0	9	0.0	1500	289	0	9	0.45	0	65.8	56.8	44.3	24.8	24.8
7-8 AM	423	0.0	13	0.0	1500	423	0	13	0.46	0	65.6	56.4	43.8	24.7	24.7
8-9 AM	658	0.0	21	0.0	1500	658	0	21	0.49	0	65.1	55.7	42.9	24.7	24.7
9-10 AM	974	0.0	30	0.0	1500	974	0	30	0.52	0	64.6	54.8	41.8	24.6	24.6
10-11 AM	1328	0.0	42	0.0	1499	1328	0	42	0.80	0	63.9	50.2	34.9	24.5	24.5
11A-NOON	1689	0.0	53	0.0	1499	1689	0	53	3.62	82	63.2	28.3	30.8	24.4	24.4
NOON-1PM	1714	0.0	54	0.0	1499	1502	212	266	8.10	191	63.2	16.8	30.8	24.4	22.8
1-2 PM	1681	0.0	53	0.0	1499	1497	184	237	8.00	188	63.3	17.0	30.8	24.4	23.0
2-3 PM	1734	0.0	54	0.0	1500	1506	228	282	8.16	193	63.2	16.8	30.8	24.4	22.7
3-4 PM	1714	0.0	54	0.0	1500	1498	216	270	8.12	191	63.2	16.8	30.8	24.4	22.8
4-5 PM	1745	0.0	55	0.0	1500	1501	244	299	8.23	194	63.2	16.6	30.8	24.4	22.5
5-6 PM	1600	0.0	51	0.0	1499	1483	117	168	7.76	182	63.4	17.4	30.8	24.5	23.5
6-7 PM	1407	0.0	44	0.0	1499	1405	2	46	6.12	140	63.8	20.6	30.8	24.5	24.5
7-8 PM	1200	0.0	38	0.0	1500	1200	0	38	1.02	13	64.1	47.5	37.9	24.5	24.5
8-9 PM	973	0.0	30	0.0	1500	973	0	30	0.52	0	64.6	54.8	41.8	24.6	24.6
9-10 PM	641	0.0	21	0.0	1500	641	0	21	0.48	0	65.2	55.7	43.0	24.7	24.7
10-11 PM	422	0.0	13	0.0	1500	422	0	13	0.46	0	65.6	56.4	43.8	24.7	24.7
11PM-MID	201	0.0	6	0.0	1500	201	0	6	0.44	0	66.0	57.1	44.6	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	0.0104
MAIN ROUTE WITH WORKS	0.0085
DIVERSION	0.0092

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$28,828
CONGESTED HOURS PER DAY*	0

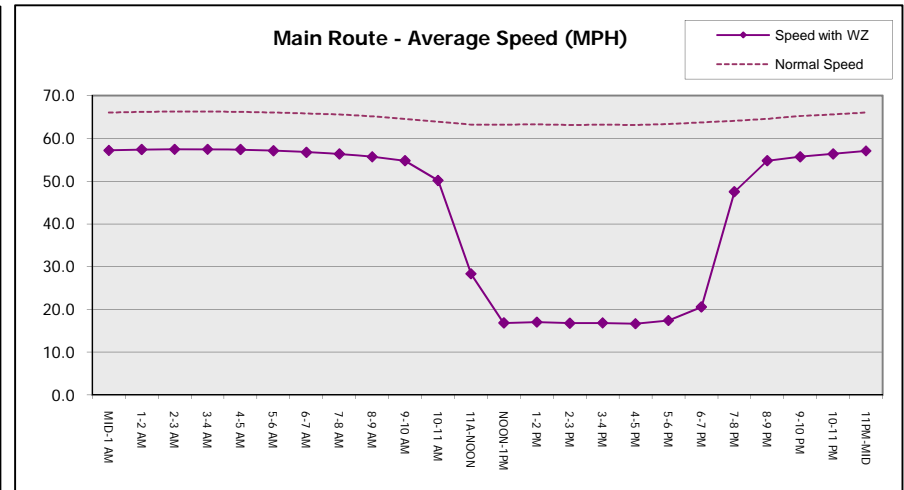
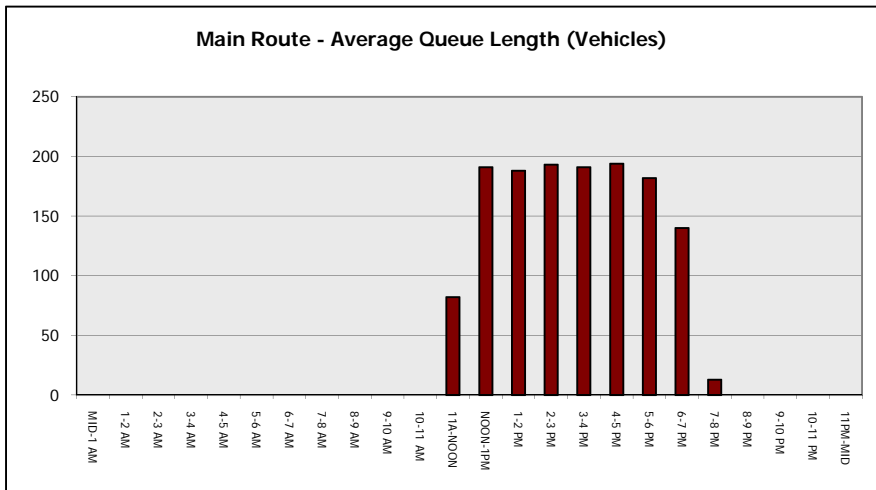
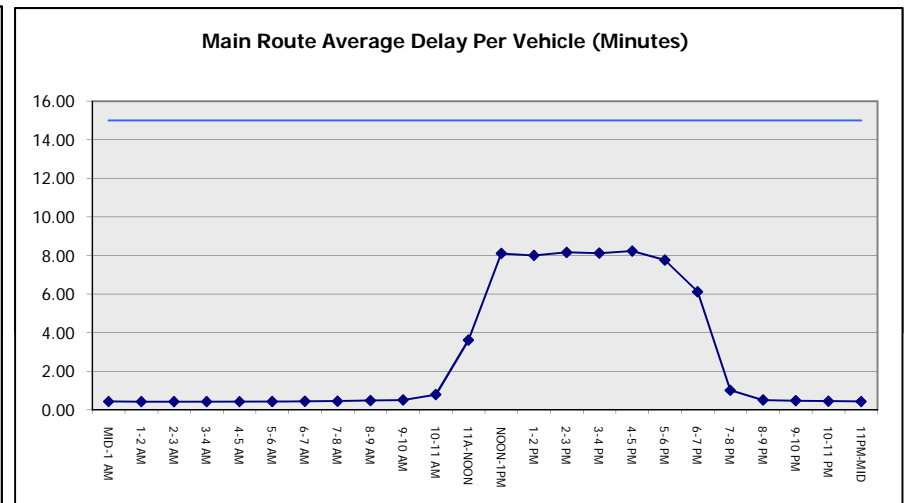
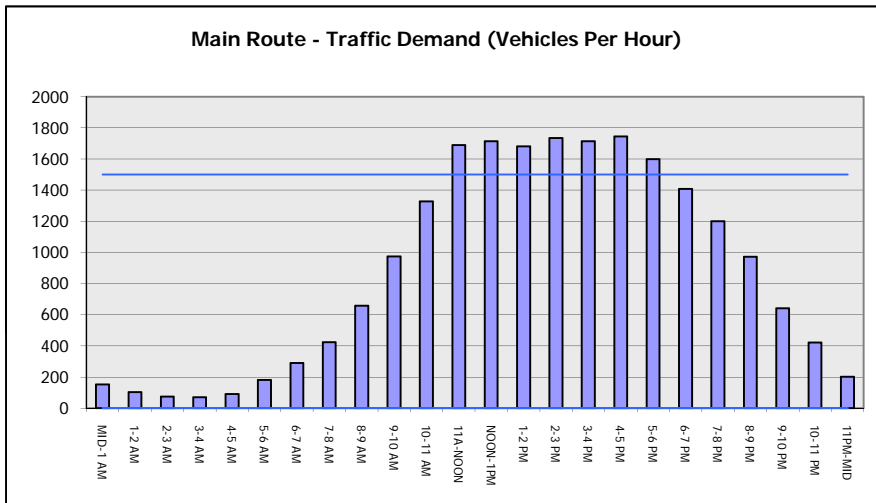
*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 32 - CTH W - STH 33**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY SOUTHBOUND DIRECTION



IH 43: STH 57 TO STH 32 (OZAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 32 - CTH W - STH 33	MAY
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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	251	0.0	8	0.0	1500	251	0	8	0.45	0	65.9	56.9	44.5	24.8	24.8
1-2 AM	163	0.0	5	0.0	1500	163	0	5	0.44	0	66.1	57.2	44.8	24.8	24.8
2-3 AM	124	0.0	4	0.0	1500	124	0	4	0.43	0	66.1	57.3	45.0	24.8	24.8
3-4 AM	79	0.0	2	0.0	1500	79	0	2	0.43	0	66.3	57.4	45.1	24.8	24.8
4-5 AM	77	0.0	2	0.0	1500	77	0	2	0.43	0	66.3	57.4	45.2	24.8	24.8
5-6 AM	117	0.0	3	0.0	1500	117	0	3	0.43	0	66.1	57.3	45.0	24.8	24.8
6-7 AM	237	0.0	8	0.0	1500	237	0	8	0.45	0	66.0	56.9	44.5	24.8	24.8
7-8 AM	373	0.0	12	0.0	1500	373	0	12	0.46	0	65.7	56.5	44.0	24.8	24.8
8-9 AM	522	0.0	16	0.0	1500	522	0	16	0.47	0	65.4	56.1	43.4	24.7	24.7
9-10 AM	808	0.0	26	0.0	1500	808	0	26	0.50	0	64.9	55.2	42.4	24.7	24.7
10-11 AM	998	0.0	31	0.0	1500	998	0	31	0.52	0	64.5	54.7	41.7	24.6	24.6
11A-NOON	1244	0.0	39	0.0	1500	1244	0	39	0.69	0	64.1	51.7	37.1	24.5	24.5
NOON-1PM	1301	0.0	41	0.0	1500	1301	0	41	0.77	0	64.0	50.6	35.5	24.5	24.5
1-2 PM	1342	0.0	42	0.0	1500	1342	0	42	0.82	0	63.9	49.8	34.4	24.5	24.5
2-3 PM	1333	0.0	42	0.0	1500	1333	0	42	0.81	0	63.9	50.0	34.7	24.5	24.5
3-4 PM	1362	0.0	43	0.0	1499	1362	0	43	0.85	0	63.8	49.5	33.9	24.5	24.5
4-5 PM	1490	0.0	46	0.0	1499	1490	0	46	1.02	0	63.6	47.2	31.0	24.5	24.5
5-6 PM	1458	0.0	45	0.0	1499	1458	0	45	0.98	0	63.7	47.6	31.7	24.5	24.5
6-7 PM	1146	0.0	36	0.0	1500	1146	0	36	0.57	0	64.3	53.7	40.2	24.6	24.6
7-8 PM	985	0.0	31	0.0	1500	985	0	31	0.52	0	64.5	54.7	41.7	24.6	24.6
8-9 PM	785	0.0	25	0.0	1500	785	0	25	0.50	0	64.9	55.3	42.4	24.7	24.7
9-10 PM	555	0.0	17	0.0	1500	555	0	17	0.48	0	65.3	56.0	43.3	24.7	24.7
10-11 PM	390	0.0	12	0.0	1500	390	0	12	0.46	0	65.6	56.4	43.9	24.8	24.8
11PM-MID	244	0.0	8	0.0	1500	244	0	8	0.45	0	66.0	56.9	44.5	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	0.0086
MAIN ROUTE WITH WORKS	0.0074
DIVERSION	0.0027

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,418
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**

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

SUNDAY NORTHBOUND DIRECTION

