

IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH C - CTH W - STH 60	MAY
	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	138	0.0	16	0.0	1500	138	0	16	0.44	0	66.1	56.4	45.0	19.7	19.7
1-2 AM	107	0.0	12	0.0	1500	107	0	12	0.43	0	66.2	56.6	45.1	19.8	19.8
2-3 AM	104	0.0	12	0.0	1500	104	0	12	0.43	0	66.2	56.6	45.1	19.8	19.8
3-4 AM	155	0.0	19	0.0	1500	155	0	19	0.44	0	66.1	56.4	44.8	19.7	19.7
4-5 AM	358	0.0	42	0.0	1500	358	0	42	0.46	0	65.7	55.8	44.0	19.6	19.6
5-6 AM	1036	0.0	124	0.0	1499	1036	0	124	0.61	0	64.5	52.3	39.4	19.1	19.1
6-7 AM	2220	0.0	265	0.0	1499	1819	401	666	8.03	212	62.2	15.8	30.8	18.3	15.8
7-8 AM	2690	0.0	320	0.0	1500	1572	1118	1438+	14.83	379	58.9	10.3	30.8	17.9	11.6
8-9 AM	1993	0.0	237	0.0	1499	1324	668	905	10.82	270	62.7	12.6	30.8	18.4	14.4
9-10 AM	1474	0.0	175	0.0	1500	1410	64	239	7.33	171	63.7	16.8	30.8	18.8	18.4
10-11 AM	1297	0.0	154	0.0	1499	1297	0	154	1.88	39	64.0	37.3	34.1	18.9	18.9
11A-NOON	1411	0.0	168	0.0	1500	1411	0	168	0.91	0	63.8	47.4	32.7	18.8	18.8
NOON-1PM	1412	0.0	168	0.0	1500	1412	0	168	0.91	0	63.8	47.4	32.7	18.8	18.8
1-2 PM	1471	0.0	175	0.0	1500	1471	0	175	0.99	0	63.7	46.3	31.4	18.8	18.8
2-3 PM	1345	0.0	160	0.0	1499	1345	0	160	0.82	0	63.9	48.6	34.3	18.9	18.9
3-4 PM	1702	0.0	203	0.0	1499	1702	0	203	3.82	89	63.2	25.9	30.8	18.6	18.6
4-5 PM	1696	0.0	202	0.0	1499	1499	198	400	8.38	198	63.2	15.2	30.8	18.6	17.4
5-6 PM	1795	0.0	214	0.0	1500	1504	291	505	8.80	210	63.0	14.7	30.8	18.6	16.7
6-7 PM	1333	0.0	159	0.0	1499	1313	20	178	5.25	128	63.9	21.3	32.4	18.9	18.8
7-8 PM	976	0.0	116	0.0	1500	976	0	116	0.53	0	64.6	53.7	41.8	19.1	19.1
8-9 PM	702	0.0	83	0.0	1500	702	0	83	0.49	0	65.1	54.7	42.7	19.4	19.4
9-10 PM	587	0.0	70	0.0	1500	587	0	70	0.48	0	65.3	55.0	43.2	19.4	19.4
10-11 PM	490	0.0	59	0.0	1500	490	0	59	0.47	0	65.5	55.3	43.5	19.5	19.5
11PM-MID	338	0.0	40	0.0	1500	338	0	40	0.46	0	65.8	55.8	44.2	19.6	19.6

+ 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	0.0120
MAIN ROUTE WITH WORKS	0.0091
DIVERSION	0.0224

PIA: Personal Injury Accidents

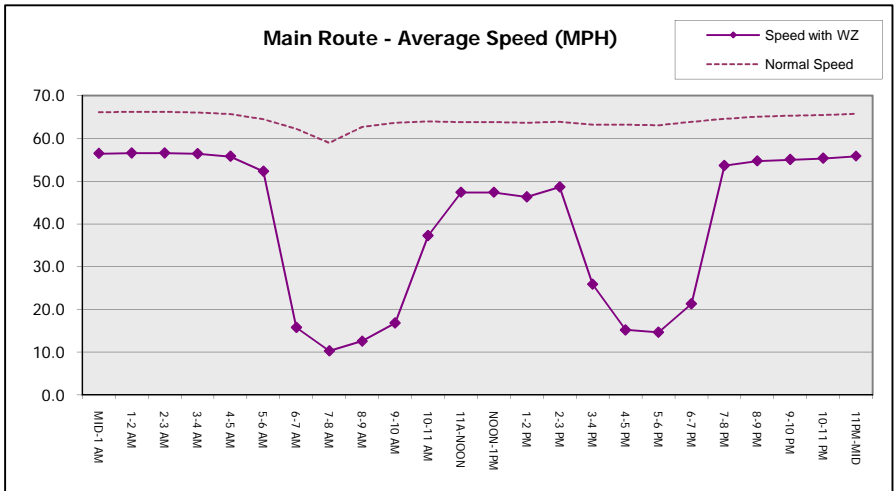
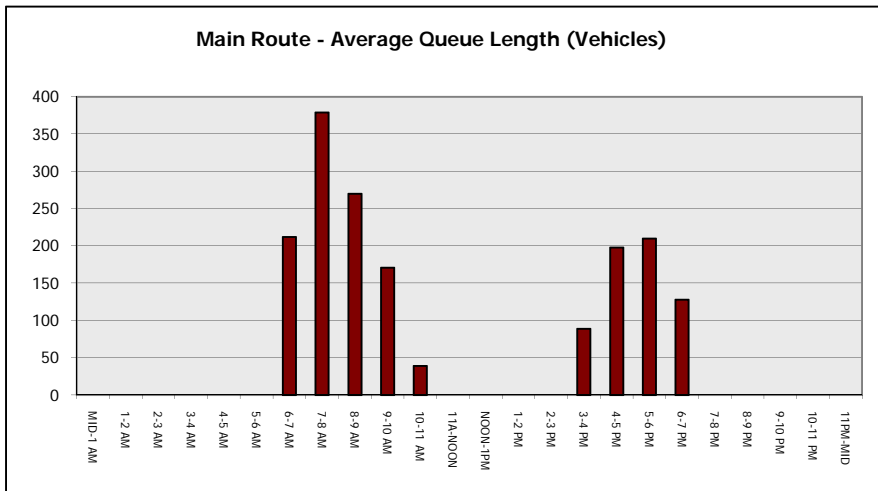
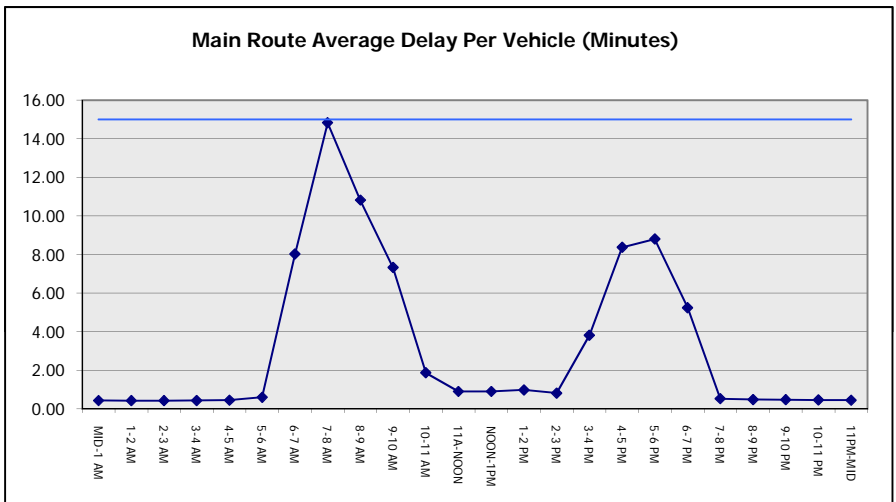
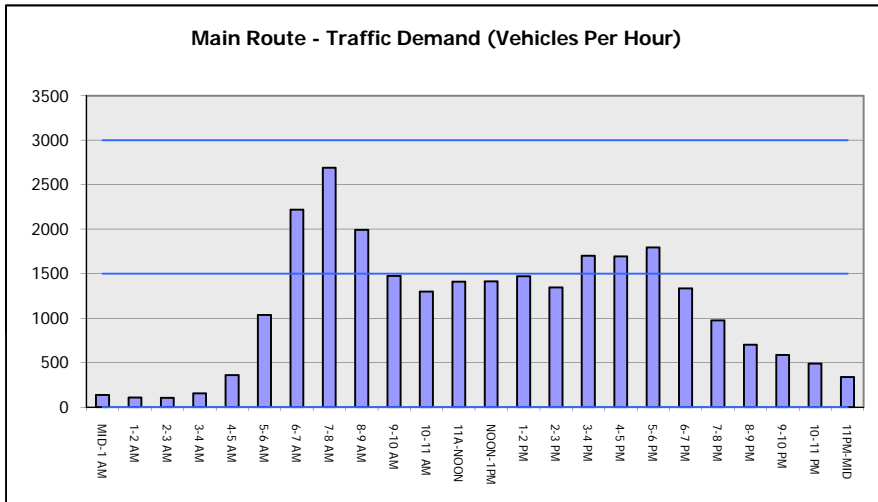
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$33,484
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: CTH C - CTH W - STH 60

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



IH 43: STH 32 TO STH 57/167 (OZAUKEE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: CTH C - CTH W - STH 60	MAY
	Analyzed for 2009 Construction Season

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	291	0.0	35	0.0	1500	291	0	35	0.45	0	65.8	56.0	44.3	19.6	19.6
1-2 AM	185	0.0	22	0.0	1500	185	0	22	0.44	0	66.0	56.3	44.7	19.7	19.7
2-3 AM	138	0.0	16	0.0	1500	138	0	16	0.44	0	66.1	56.4	45.0	19.7	19.7
3-4 AM	134	0.0	16	0.0	1500	134	0	16	0.44	0	66.1	56.4	45.0	19.7	19.7
4-5 AM	191	0.0	23	0.0	1500	191	0	23	0.44	0	66.0	56.3	44.7	19.7	19.7
5-6 AM	465	0.0	56	0.0	1500	465	0	56	0.47	0	65.5	55.4	43.7	19.5	19.5
6-7 AM	1006	0.0	119	0.0	1500	1006	0	119	0.52	0	64.5	53.8	41.7	19.1	19.1
7-8 AM	1272	0.0	151	0.0	1500	1272	0	151	0.73	0	64.0	50.1	36.3	18.9	18.9
8-9 AM	1296	0.0	154	0.0	1500	1296	0	154	0.76	0	64.0	49.6	35.6	18.9	18.9
9-10 AM	1262	0.0	150	0.0	1500	1262	0	150	0.72	0	64.0	50.3	36.6	18.9	18.9
10-11 AM	1345	0.0	160	0.0	1499	1345	0	160	0.82	0	63.9	48.6	34.3	18.9	18.9
11A-NOON	1670	0.0	199	0.0	1499	1670	0	199	3.23	70	63.3	28.6	30.8	18.6	18.6
NOON-1PM	1797	0.0	214	0.0	1499	1545	252	466	8.64	206	63.0	14.8	30.8	18.6	17.0
1-2 PM	1894	0.0	225	0.0	1500	1513	381	606	9.24	222	62.8	14.1	30.8	18.4	16.1
2-3 PM	2025	0.0	241	0.0	1499	1533	492	733	9.84	239	62.6	13.4	30.8	18.4	15.3
3-4 PM	2727	0.0	324	0.0	1500	1677	1050	1374+	14.22	365	58.6	10.6	30.8	17.9	11.9
4-5 PM	2982	0.0	355	0.0	1499	1531	1451	1806+	17.96	468	56.0	9.4	30.8	17.6	10.5
5-6 PM	2836	0.0	338	0.0	1500	1463	1373	1711+	17.71	459	57.4	9.4	30.8	17.8	10.6
6-7 PM	2244	0.0	267	0.0	1499	1322	922	1189	12.78	323	62.2	11.3	30.8	18.2	12.9
7-8 PM	1554	0.0	185	0.0	1500	1391	164	349	7.91	188	63.5	15.9	30.9	18.7	17.7
8-9 PM	1173	0.0	140	0.0	1499	1173	0	140	1.58	39	64.2	40.1	37.6	19.0	19.0
9-10 PM	1048	0.0	125	0.0	1500	1048	0	125	0.52	0	64.5	53.7	41.5	19.1	19.1
10-11 PM	889	0.0	106	0.0	1500	889	0	106	0.51	0	64.7	54.2	42.0	19.2	19.2
11PM-MID	663	0.0	79	0.0	1500	663	0	79	0.49	0	65.1	54.8	42.9	19.4	19.4

+ 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	0.0139
MAIN ROUTE WITH WORKS	0.0095
DIVERSION	0.0368

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$58,282
CONGESTED HOURS PER DAY*	2

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: CTH C - CTH W - STH 60**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY NORTHBOUND DIRECTION

