

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

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	246	0.0	8	0.0	1500	246	0	8	0.45	0	66.0	56.9	44.5	24.8	24.8
1-2 AM	143	0.0	4	0.0	1500	143	0	4	0.44	0	66.1	57.3	44.9	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	71	0.0	2	0.0	1500	71	0	2	0.43	0	66.3	57.4	45.2	24.8	24.8
4-5 AM	99	0.0	3	0.0	1500	99	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
5-6 AM	186	0.0	5	0.0	1500	186	0	5	0.44	0	66.0	57.1	44.7	24.8	24.8
6-7 AM	311	0.0	10	0.0	1500	311	0	10	0.45	0	65.8	56.7	44.2	24.8	24.8
7-8 AM	466	0.0	15	0.0	1500	466	0	15	0.47	0	65.5	56.3	43.7	24.7	24.7
8-9 AM	805	0.0	25	0.0	1500	805	0	25	0.50	0	64.9	55.3	42.4	24.7	24.7
9-10 AM	978	0.0	30	0.0	1500	978	0	30	0.52	0	64.6	54.7	41.7	24.6	24.6
10-11 AM	1327	0.0	42	0.0	1499	1327	0	42	0.80	0	63.9	50.2	35.0	24.5	24.5
11A-NOON	1695	0.0	53	0.0	1499	1695	0	53	3.46	79	63.2	29.1	30.8	24.4	24.4
NOON-1PM	1914	0.0	61	0.0	1499	1524	390	450	8.82	211	62.8	15.8	30.8	24.4	21.4
1-2 PM	2025	0.0	64	0.0	1499	1511	514	578	9.37	226	62.6	15.1	30.8	24.3	20.4
2-3 PM	2045	0.0	65	0.0	1499	1503	542	607	9.51	230	62.6	14.9	30.8	24.3	20.2
3-4 PM	2178	0.0	68	0.0	1500	1521	658	726	10.09	246	62.3	14.2	30.8	24.3	19.3
4-5 PM	2303	0.0	72	0.0	1500	1517	786	859	10.81	265	62.1	13.5	30.8	24.3	18.3
5-6 PM	2281	0.0	71	0.0	1499	1491	790	862	10.83	266	62.2	13.5	30.8	24.3	18.3
6-7 PM	2126	0.0	67	0.0	1500	1465	660	728	10.10	246	62.4	14.2	30.8	24.3	19.3
7-8 PM	1437	0.0	45	0.0	1499	1342	95	140	6.55	156	63.7	19.6	31.5	24.5	23.8
8-9 PM	891	0.0	28	0.0	1500	891	0	28	0.63	4	64.7	53.0	42.0	24.7	24.7
9-10 PM	631	0.0	19	0.0	1500	631	0	19	0.48	0	65.2	55.8	43.0	24.7	24.7
10-11 PM	356	0.0	11	0.0	1500	356	0	11	0.46	0	65.7	56.6	44.1	24.8	24.8
11PM-MID	256	0.0	8	0.0	1500	256	0	8	0.45	0	65.9	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	0.0123
MAIN ROUTE WITH WORKS	0.0087
DIVERSION	0.0257

PIA: Personal Injury Accidents

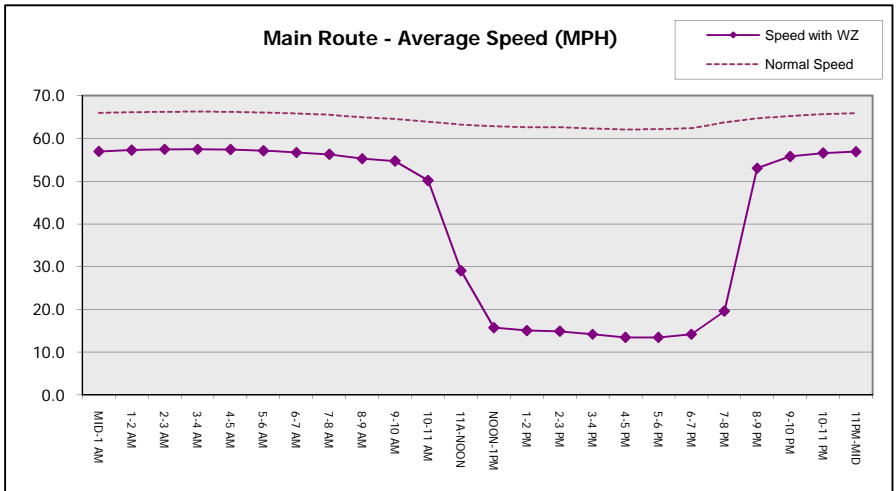
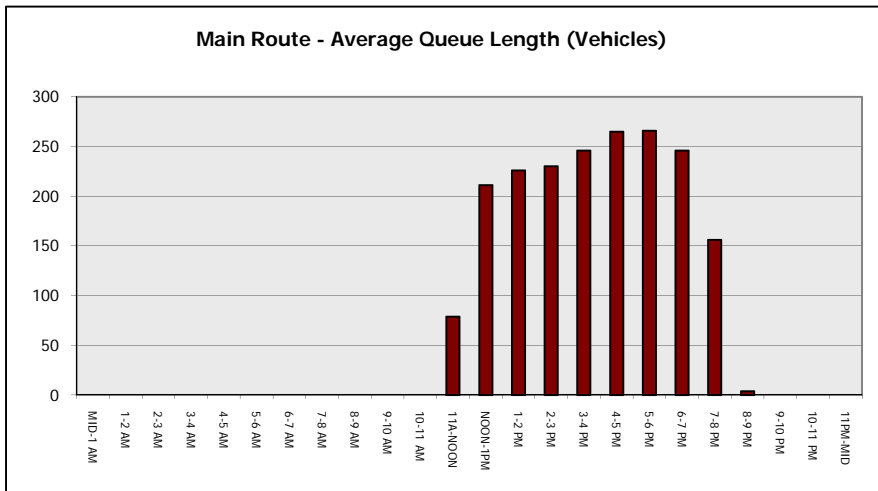
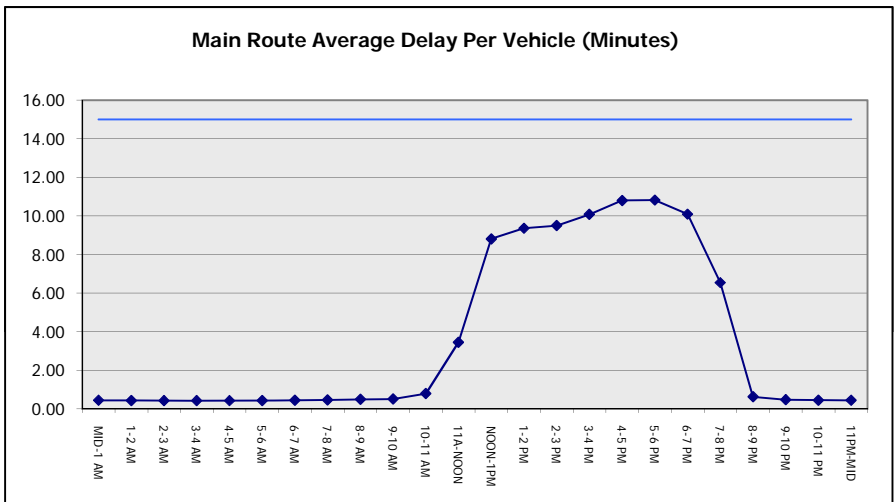
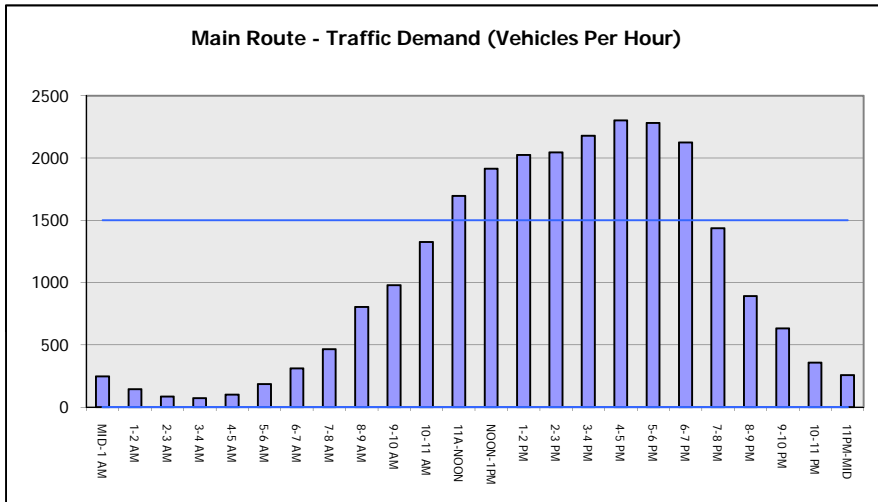
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$48,495
CONGESTED HOURS PER DAY*	0

*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
SUNDAY 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

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	334	0.0	11	0.0	1500	334	0	11	0.45	0	65.8	56.6	44.2	24.8	24.8
1-2 AM	168	0.0	5	0.0	1500	168	0	5	0.44	0	66.1	57.1	44.8	24.8	24.8
2-3 AM	130	0.0	4	0.0	1500	130	0	4	0.44	0	66.1	57.3	45.0	24.8	24.8
3-4 AM	106	0.0	3	0.0	1500	106	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
4-5 AM	92	0.0	3	0.0	1500	92	0	3	0.43	0	66.2	57.4	45.1	24.8	24.8
5-6 AM	129	0.0	4	0.0	1500	129	0	4	0.43	0	66.1	57.3	45.0	24.8	24.8
6-7 AM	353	0.0	11	0.0	1500	353	0	11	0.46	0	65.7	56.6	44.1	24.8	24.8
7-8 AM	708	0.0	23	0.0	1500	708	0	23	0.49	0	65.1	55.5	42.7	24.7	24.7
8-9 AM	915	0.0	29	0.0	1500	915	0	29	0.51	0	64.7	54.9	42.0	24.6	24.6
9-10 AM	1049	0.0	34	0.0	1500	1049	0	34	0.52	0	64.5	54.5	41.5	24.6	24.6
10-11 AM	1202	0.0	38	0.0	1500	1202	0	38	0.64	0	64.1	52.5	38.4	24.5	24.5
11A-NOON	1436	0.0	45	0.0	1499	1436	0	45	0.94	0	63.7	48.2	32.2	24.5	24.5
NOON-1PM	1517	0.0	48	0.0	1499	1517	0	48	1.25	6	63.5	44.6	30.8	24.5	24.5
1-2 PM	1517	0.0	48	0.0	1499	1517	0	48	1.92	24	63.5	38.4	30.8	24.5	24.5
2-3 PM	1575	0.0	50	0.0	1500	1575	0	50	3.46	67	63.5	29.1	30.8	24.5	24.5
3-4 PM	1650	0.0	52	0.0	1500	1575	75	127	7.13	166	63.3	18.4	30.8	24.5	23.8
4-5 PM	1540	0.0	49	0.0	1499	1486	54	103	7.55	176	63.5	17.8	30.8	24.5	24.0
5-6 PM	1320	0.0	41	0.0	1499	1320	0	41	3.88	94	63.9	27.4	32.5	24.5	24.5
6-7 PM	1092	0.0	35	0.0	1500	1092	0	35	0.53	0	64.3	54.4	41.4	24.6	24.6
7-8 PM	879	0.0	28	0.0	1500	879	0	28	0.51	0	64.8	55.0	42.1	24.7	24.7
8-9 PM	662	0.0	21	0.0	1500	662	0	21	0.49	0	65.1	55.6	42.9	24.7	24.7
9-10 PM	488	0.0	15	0.0	1500	488	0	15	0.47	0	65.5	56.2	43.5	24.7	24.7
10-11 PM	383	0.0	12	0.0	1500	383	0	12	0.46	0	65.7	56.5	44.0	24.8	24.8
11PM-MID	279	0.0	9	0.0	1500	279	0	9	0.45	0	65.9	56.8	44.3	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	0.0096
MAIN ROUTE WITH WORKS	0.0083
DIVERSION	0.0037

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$12,949
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
SUNDAY NORTHBOUND DIRECTION

