

IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 84 - CTH LL	AUGUST
	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	592	0.0	40	0.0	1500	592	0	40	0.48	0	65.3	60.6	43.2	24.5	24.5
1-2 AM	160	0.0	10	0.0	1500	160	0	10	0.44	0	66.1	61.7	44.8	24.8	24.8
2-3 AM	79	0.0	5	0.0	1500	79	0	5	0.43	0	66.3	61.9	45.1	24.8	24.8
3-4 AM	72	0.0	5	0.0	1500	72	0	5	0.43	0	66.3	61.9	45.2	24.8	24.8
4-5 AM	90	0.0	6	0.0	1500	90	0	6	0.43	0	66.2	61.9	45.1	24.8	24.8
5-6 AM	129	0.0	8	0.0	1500	129	0	8	0.43	0	66.1	61.8	45.0	24.8	24.8
6-7 AM	173	0.0	11	0.0	1500	173	0	11	0.44	0	66.1	61.7	44.8	24.8	24.8
7-8 AM	308	0.0	21	0.0	1500	308	0	21	0.45	0	65.8	61.4	44.3	24.7	24.7
8-9 AM	562	0.0	38	0.0	1500	562	0	38	0.48	0	65.3	60.7	43.3	24.5	24.5
9-10 AM	887	0.0	60	0.0	1500	887	0	60	0.51	0	64.7	59.9	42.1	24.4	24.4
10-11 AM	1257	0.0	84	0.0	1499	1257	0	84	0.71	0	64.0	57.6	36.9	24.2	24.2
11A-NOON	1611	0.0	108	0.0	1499	1611	0	108	2.45	42	63.4	45.9	30.8	24.0	24.0
NOON-1PM	1687	0.0	113	0.0	1500	1687	0	113	8.12	198	63.2	28.0	30.8	24.0	24.0
1-2 PM	1808	0.0	121	0.0	1499	1538	269	391	13.03	325	63.0	20.9	30.8	23.9	21.9
2-3 PM	1849	0.0	124	0.0	1499	1505	343	468	13.56	340	63.0	20.4	30.8	23.9	21.2
3-4 PM	1834	0.0	123	0.0	1500	1496	339	462	13.52	338	63.0	20.4	30.8	23.9	21.3
4-5 PM	1823	0.0	122	0.0	1500	1495	328	450	13.44	336	63.0	20.5	30.8	23.9	21.4
5-6 PM	1696	0.0	114	0.0	1499	1469	228	342	12.72	316	63.2	21.2	30.8	24.0	22.2
6-7 PM	1377	0.0	93	0.0	1499	1362	15	108	9.92	242	63.8	25.0	30.8	24.2	24.0
7-8 PM	1175	0.0	79	0.0	1499	1175	0	79	2.13	50	64.2	48.1	37.3	24.2	24.2
8-9 PM	854	0.0	58	0.0	1500	854	0	58	0.51	0	64.8	60.0	42.2	24.4	24.4
9-10 PM	523	0.0	35	0.0	1500	523	0	35	0.47	0	65.4	60.8	43.4	24.6	24.6
10-11 PM	317	0.0	22	0.0	1500	317	0	22	0.45	0	65.8	61.3	44.2	24.7	24.7
11PM-MID	171	0.0	11	0.0	1500	171	0	11	0.44	0	66.1	61.7	44.8	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	0.0228
MAIN ROUTE WITH WORKS	0.0198
DIVERSION	0.0245

PIA: Personal Injury Accidents

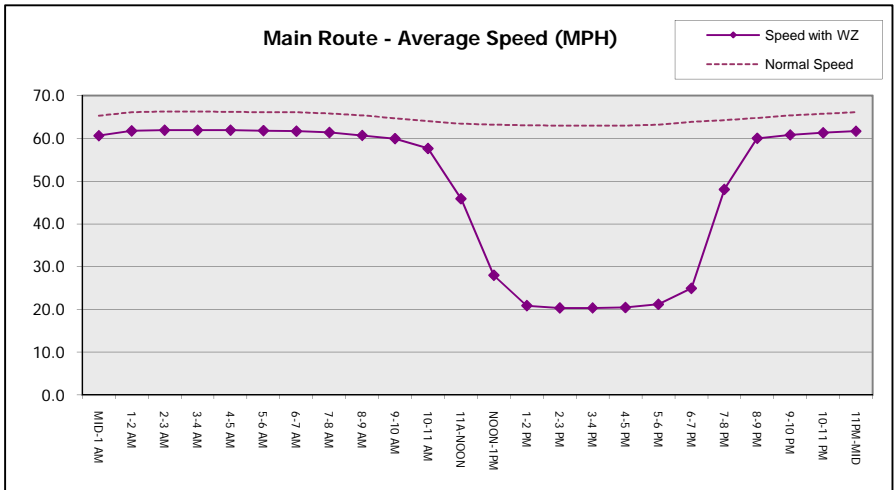
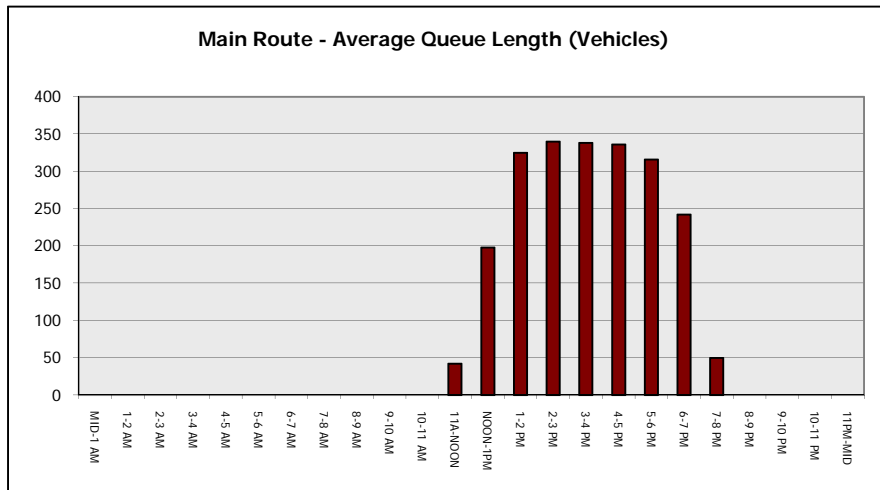
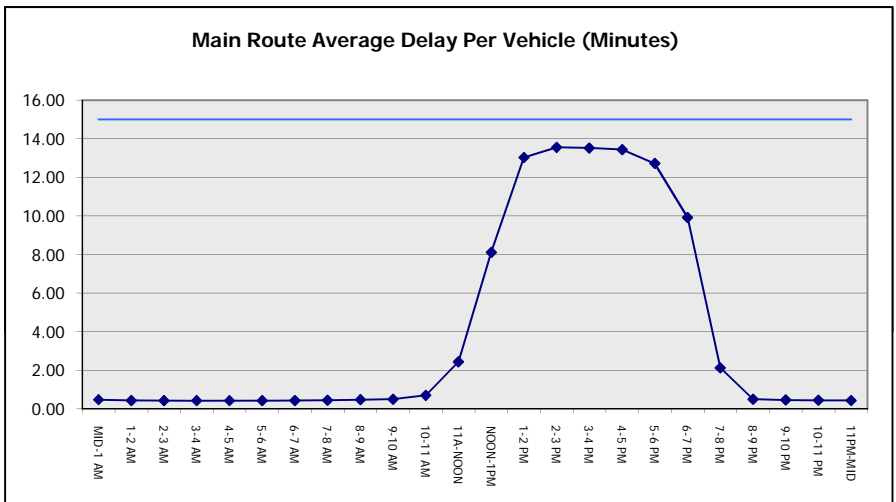
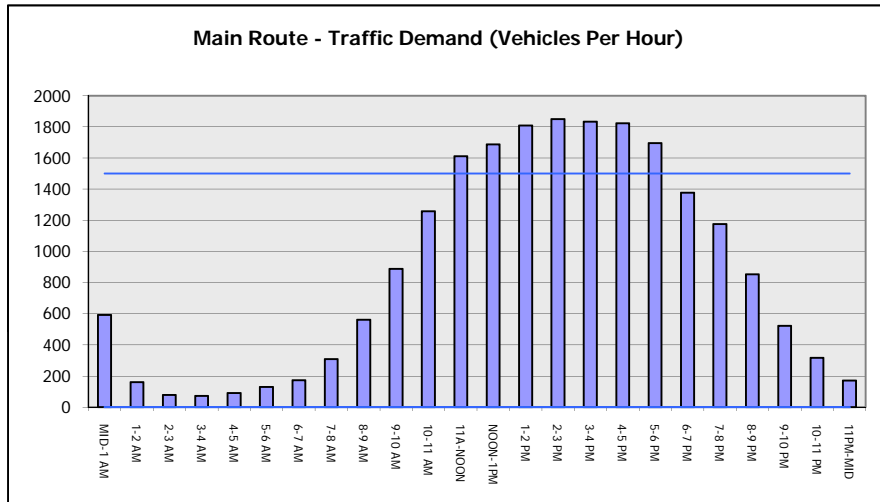
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$44,285
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES)
 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 84 - CTH LL**

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY SOUTHBOUND DIRECTION



IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 84 - CTH LL	AUGUST
	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	177	0.0	12	0.0	1500	177	0	12	0.44	0	66.1	61.7	44.8	24.7	24.7
1-2 AM	103	0.0	7	0.0	1500	103	0	7	0.43	0	66.2	61.9	45.1	24.8	24.8
2-3 AM	66	0.0	4	0.0	1500	66	0	4	0.43	0	66.3	61.9	45.2	24.8	24.8
3-4 AM	49	0.0	3	0.0	1500	49	0	3	0.43	0	66.3	62.0	45.3	24.8	24.8
4-5 AM	61	0.0	4	0.0	1500	61	0	4	0.43	0	66.3	62.0	45.3	24.8	24.8
5-6 AM	94	0.0	6	0.0	1500	94	0	6	0.43	0	66.2	61.9	45.1	24.8	24.8
6-7 AM	148	0.0	10	0.0	1500	148	0	10	0.44	0	66.1	61.7	44.9	24.8	24.8
7-8 AM	248	0.0	16	0.0	1500	248	0	16	0.45	0	66.0	61.5	44.5	24.7	24.7
8-9 AM	426	0.0	29	0.0	1500	426	0	29	0.46	0	65.6	61.0	43.8	24.6	24.6
9-10 AM	669	0.0	45	0.0	1500	669	0	45	0.49	0	65.1	60.4	42.8	24.5	24.5
10-11 AM	904	0.0	61	0.0	1500	904	0	61	0.51	0	64.7	59.9	42.0	24.4	24.4
11A-NOON	1070	0.0	72	0.0	1500	1070	0	72	0.53	0	64.4	59.4	41.4	24.3	24.3
NOON-1PM	1085	0.0	73	0.0	1500	1085	0	73	0.53	0	64.3	59.4	41.4	24.3	24.3
1-2 PM	1079	0.0	72	0.0	1500	1079	0	72	0.53	0	64.4	59.4	41.4	24.3	24.3
2-3 PM	1035	0.0	70	0.0	1500	1035	0	70	0.52	0	64.5	59.6	41.5	24.3	24.3
3-4 PM	975	0.0	66	0.0	1500	975	0	66	0.52	0	64.6	59.7	41.8	24.3	24.3
4-5 PM	971	0.0	65	0.0	1500	971	0	65	0.52	0	64.6	59.7	41.8	24.3	24.3
5-6 PM	956	0.0	64	0.0	1500	956	0	64	0.51	0	64.6	59.7	41.9	24.3	24.3
6-7 PM	878	0.0	59	0.0	1500	878	0	59	0.51	0	64.8	59.9	42.1	24.4	24.4
7-8 PM	724	0.0	48	0.0	1500	724	0	48	0.49	0	65.0	60.3	42.7	24.5	24.5
8-9 PM	538	0.0	36	0.0	1500	538	0	36	0.47	0	65.4	60.7	43.3	24.6	24.6
9-10 PM	406	0.0	27	0.0	1500	406	0	27	0.46	0	65.6	61.1	43.8	24.7	24.7
10-11 PM	286	0.0	20	0.0	1500	286	0	20	0.45	0	65.8	61.4	44.3	24.7	24.7
11PM-MID	202	0.0	13	0.0	1500	202	0	13	0.44	0	66.0	61.6	44.6	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	0.0142
MAIN ROUTE WITH WORKS	0.0134
DIVERSION	0.0074

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,870
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 84 - CTH LL**

AUGUST
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SUNDAY NORTHBOUND DIRECTION

