

IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 84 - CTH LL	OCTOBER
	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	159	0.0	9	0.0	1500	159	0	9	0.44	0	66.1	61.7	44.8	24.8	24.8
1-2 AM	111	0.0	7	0.0	1500	111	0	7	0.43	0	66.2	61.9	45.0	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	127	0.0	8	0.0	1500	127	0	8	0.43	0	66.1	61.8	45.0	24.8	24.8
4-5 AM	280	0.0	19	0.0	1500	280	0	19	0.45	0	65.9	61.4	44.3	24.7	24.7
5-6 AM	617	0.0	41	0.0	1500	617	0	41	0.48	0	65.3	60.5	43.0	24.5	24.5
6-7 AM	998	0.0	67	0.0	1500	998	0	67	0.52	0	64.5	59.6	41.7	24.3	24.3
7-8 AM	949	0.0	64	0.0	1500	949	0	64	0.51	0	64.6	59.7	41.9	24.3	24.3
8-9 AM	789	0.0	54	0.0	1500	789	0	54	0.50	0	64.9	60.1	42.4	24.4	24.4
9-10 AM	718	0.0	48	0.0	1500	718	0	48	0.49	0	65.0	60.3	42.7	24.5	24.5
10-11 AM	728	0.0	48	0.0	1500	728	0	48	0.49	0	65.0	60.3	42.7	24.5	24.5
11A-NOON	805	0.0	54	0.0	1500	805	0	54	0.50	0	64.9	60.1	42.4	24.4	24.4
NOON-1PM	826	0.0	55	0.0	1500	826	0	55	0.50	0	64.8	60.1	42.3	24.4	24.4
1-2 PM	858	0.0	58	0.0	1500	858	0	58	0.51	0	64.8	60.0	42.2	24.4	24.4
2-3 PM	865	0.0	58	0.0	1500	865	0	58	0.51	0	64.8	59.9	42.2	24.4	24.4
3-4 PM	891	0.0	60	0.0	1500	891	0	60	0.51	0	64.7	59.9	42.0	24.4	24.4
4-5 PM	931	0.0	63	0.0	1500	931	0	63	0.51	0	64.6	59.8	41.9	24.3	24.3
5-6 PM	861	0.0	58	0.0	1500	861	0	58	0.51	0	64.8	60.0	42.2	24.4	24.4
6-7 PM	568	0.0	38	0.0	1500	568	0	38	0.48	0	65.3	60.7	43.2	24.5	24.5
7-8 PM	400	0.0	27	0.0	1500	400	0	27	0.46	0	65.6	61.1	43.9	24.7	24.7
8-9 PM	307	0.0	21	0.0	1500	307	0	21	0.45	0	65.8	61.4	44.3	24.7	24.7
9-10 PM	236	0.0	15	0.0	1500	236	0	15	0.45	0	66.0	61.5	44.5	24.7	24.7
10-11 PM	168	0.0	11	0.0	1500	168	0	11	0.44	0	66.1	61.7	44.8	24.8	24.8
11PM-MID	87	0.0	6	0.0	1500	87	0	6	0.43	0	66.2	61.9	45.1	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	0.0144
MAIN ROUTE WITH WORKS	0.0136
DIVERSION	0.0074

PIA: Personal Injury Accidents

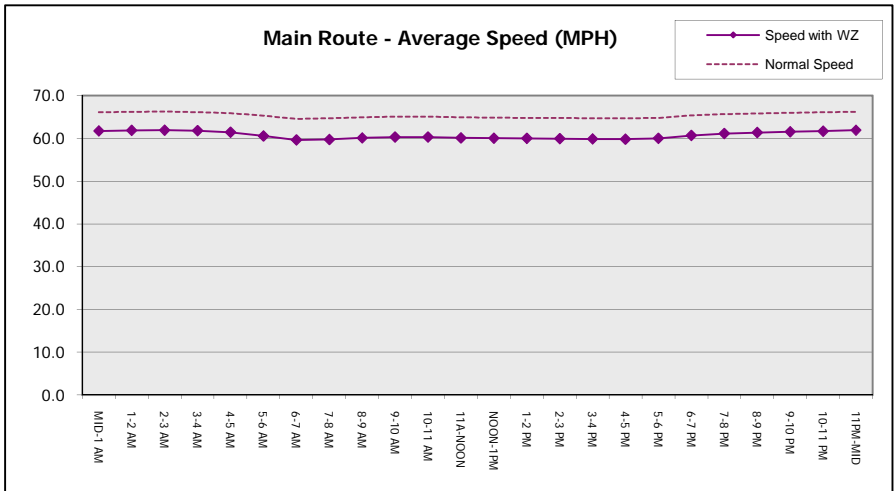
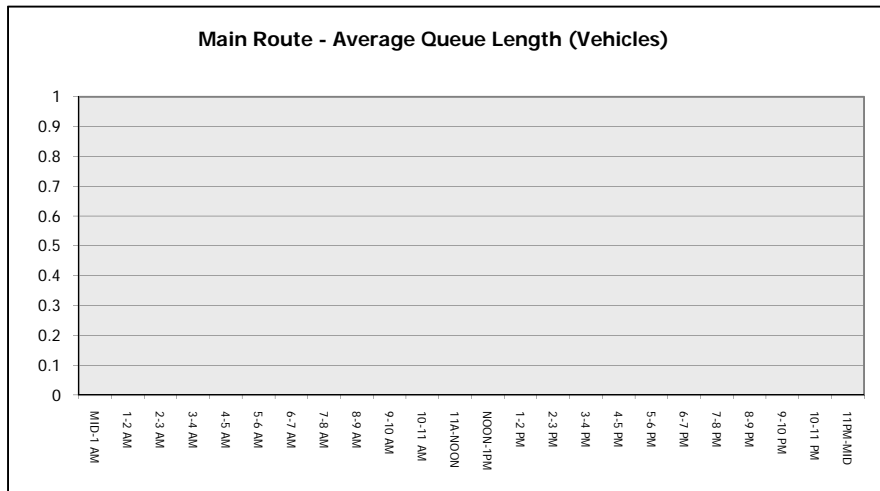
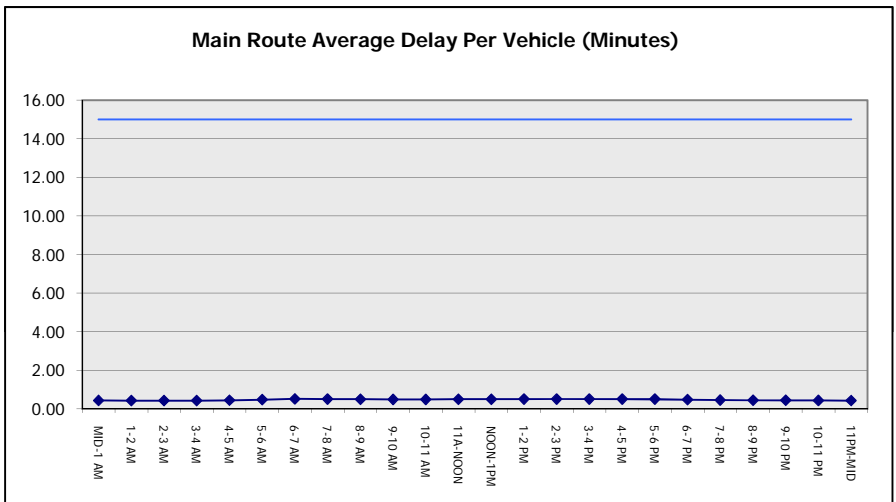
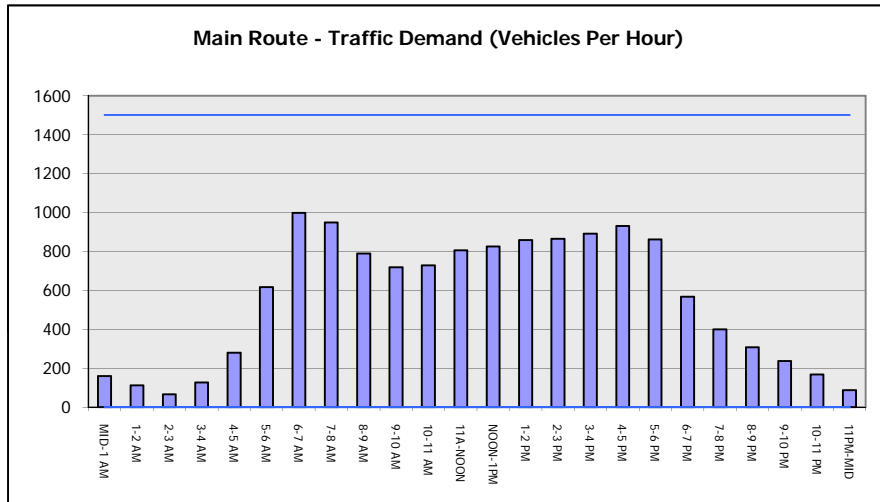
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,310
CONGESTED HOURS PER DAY*	0

*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**

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR SOUTHBOUND DIRECTION



IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 84 - CTH LL	OCTOBER
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SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	107	0.0	7	0.0	1500	107	0	7	0.43	0	66.2	61.9	45.1	24.8	24.8
1-2 AM	73	0.0	5	0.0	1500	73	0	5	0.43	0	66.3	61.9	45.2	24.8	24.8
2-3 AM	72	0.0	5	0.0	1500	72	0	5	0.43	0	66.3	61.9	45.2	24.8	24.8
3-4 AM	86	0.0	6	0.0	1500	86	0	6	0.43	0	66.2	61.9	45.1	24.8	24.8
4-5 AM	149	0.0	10	0.0	1500	149	0	10	0.44	0	66.1	61.7	44.9	24.8	24.8
5-6 AM	302	0.0	21	0.0	1500	302	0	21	0.45	0	65.8	61.4	44.3	24.7	24.7
6-7 AM	621	0.0	42	0.0	1500	621	0	42	0.48	0	65.2	60.5	43.0	24.5	24.5
7-8 AM	745	0.0	50	0.0	1500	745	0	50	0.49	0	65.0	60.2	42.6	24.5	24.5
8-9 AM	637	0.0	43	0.0	1500	637	0	43	0.48	0	65.2	60.5	43.0	24.5	24.5
9-10 AM	676	0.0	45	0.0	1500	676	0	45	0.49	0	65.1	60.4	42.8	24.5	24.5
10-11 AM	713	0.0	48	0.0	1500	713	0	48	0.49	0	65.1	60.3	42.7	24.5	24.5
11A-NOON	728	0.0	48	0.0	1500	728	0	48	0.49	0	65.0	60.3	42.7	24.5	24.5
NOON-1PM	731	0.0	49	0.0	1500	731	0	49	0.49	0	65.0	60.3	42.7	24.5	24.5
1-2 PM	750	0.0	50	0.0	1500	750	0	50	0.50	0	65.0	60.2	42.6	24.5	24.5
2-3 PM	869	0.0	59	0.0	1500	869	0	59	0.51	0	64.8	59.9	42.2	24.4	24.4
3-4 PM	1047	0.0	70	0.0	1500	1047	0	70	0.52	0	64.5	59.5	41.5	24.3	24.3
4-5 PM	1123	0.0	75	0.0	1500	1123	0	75	0.54	0	64.3	59.2	41.0	24.3	24.3
5-6 PM	935	0.0	63	0.0	1500	935	0	63	0.51	0	64.6	59.8	41.9	24.3	24.3
6-7 PM	624	0.0	42	0.0	1500	624	0	42	0.48	0	65.2	60.5	43.0	24.5	24.5
7-8 PM	471	0.0	32	0.0	1500	471	0	32	0.47	0	65.5	60.9	43.6	24.6	24.6
8-9 PM	408	0.0	27	0.0	1500	408	0	27	0.46	0	65.6	61.1	43.8	24.7	24.7
9-10 PM	350	0.0	24	0.0	1500	350	0	24	0.46	0	65.8	61.2	44.1	24.7	24.7
10-11 PM	229	0.0	15	0.0	1500	229	0	15	0.44	0	66.0	61.5	44.6	24.7	24.7
11PM-MID	134	0.0	9	0.0	1500	134	0	9	0.44	0	66.1	61.8	45.0	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	0.0136
MAIN ROUTE WITH WORKS	0.0128
DIVERSION	0.0071

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,227
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 DIVERSION ROUTE: STH 84 - CTH LL**

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MON-THUR NORTHBOUND DIRECTION

