

IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 84 - CTH LL	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	67	0.0	4	0.0	1500	67	0	4	0.43	0	66.3	61.9	45.2	24.8	24.8
1-2 AM	62	0.0	4	0.0	1500	62	0	4	0.43	0	66.3	62.0	45.3	24.8	24.8
2-3 AM	65	0.0	4	0.0	1500	65	0	4	0.43	0	66.3	62.0	45.2	24.8	24.8
3-4 AM	102	0.0	7	0.0	1500	102	0	7	0.43	0	66.2	61.9	45.1	24.8	24.8
4-5 AM	221	0.0	14	0.0	1500	221	0	14	0.44	0	66.0	61.5	44.6	24.7	24.7
5-6 AM	478	0.0	32	0.0	1500	478	0	32	0.47	0	65.5	60.9	43.6	24.6	24.6
6-7 AM	867	0.0	59	0.0	1500	867	0	59	0.51	0	64.8	59.9	42.2	24.4	24.4
7-8 AM	923	0.0	62	0.0	1500	923	0	62	0.51	0	64.6	59.8	41.9	24.3	24.3
8-9 AM	729	0.0	49	0.0	1500	729	0	49	0.49	0	65.0	60.3	42.7	24.5	24.5
9-10 AM	777	0.0	52	0.0	1500	777	0	52	0.50	0	65.0	60.2	42.5	24.5	24.5
10-11 AM	741	0.0	49	0.0	1500	741	0	49	0.49	0	65.0	60.2	42.6	24.5	24.5
11A-NOON	770	0.0	51	0.0	1500	770	0	51	0.50	0	65.0	60.2	42.5	24.5	24.5
NOON-1PM	781	0.0	52	0.0	1500	781	0	52	0.50	0	65.0	60.2	42.5	24.5	24.5
1-2 PM	914	0.0	62	0.0	1500	914	0	62	0.51	0	64.7	59.8	42.0	24.3	24.3
2-3 PM	877	0.0	59	0.0	1500	877	0	59	0.51	0	64.8	59.9	42.1	24.4	24.4
3-4 PM	999	0.0	67	0.0	1500	999	0	67	0.52	0	64.5	59.6	41.7	24.3	24.3
4-5 PM	1117	0.0	75	0.0	1500	1117	0	75	0.53	0	64.3	59.4	41.3	24.3	24.3
5-6 PM	1088	0.0	73	0.0	1500	1088	0	73	0.53	0	64.3	59.4	41.4	24.3	24.3
6-7 PM	771	0.0	51	0.0	1500	771	0	51	0.50	0	65.0	60.2	42.5	24.5	24.5
7-8 PM	555	0.0	37	0.0	1500	555	0	37	0.48	0	65.3	60.7	43.3	24.5	24.5
8-9 PM	397	0.0	27	0.0	1500	397	0	27	0.46	0	65.6	61.1	43.9	24.7	24.7
9-10 PM	336	0.0	23	0.0	1500	336	0	23	0.46	0	65.8	61.3	44.2	24.7	24.7
10-11 PM	223	0.0	15	0.0	1500	223	0	15	0.44	0	66.0	61.5	44.6	24.7	24.7
11PM-MID	164	0.0	11	0.0	1500	164	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	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		0.0152
MAIN ROUTE WITH WORKS		0.0142
DIVERSION		0.0079

PIA: Personal Injury Accidents

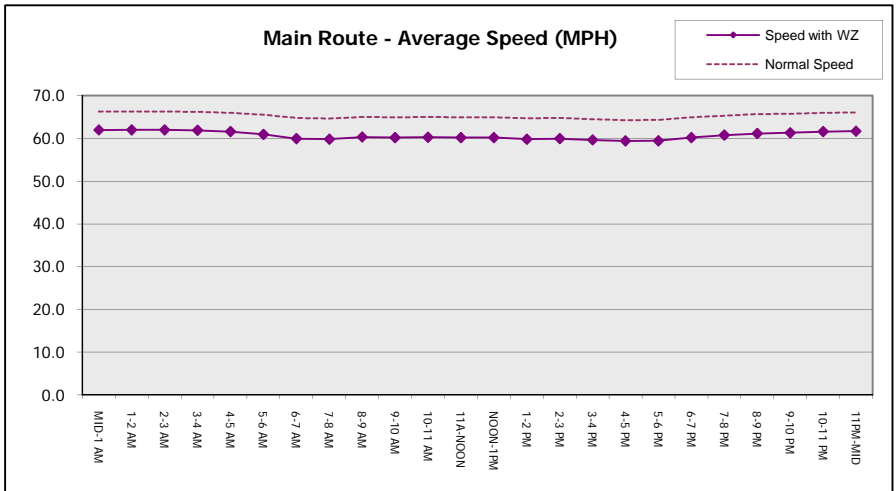
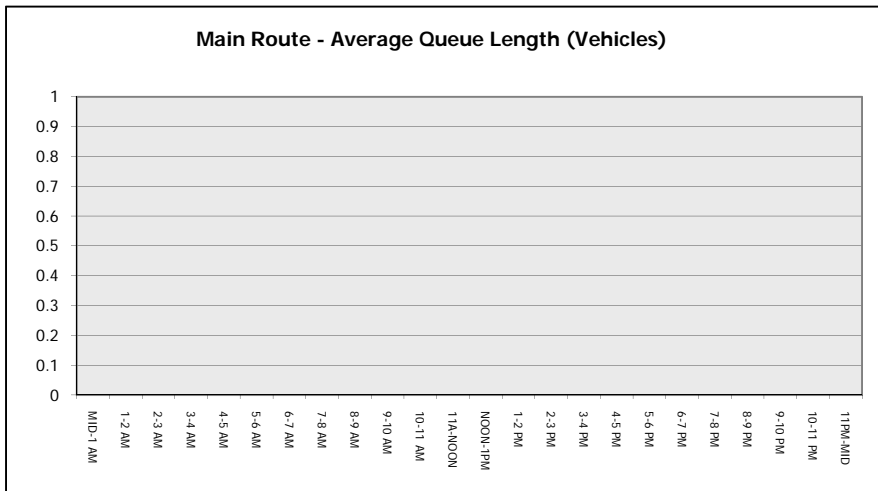
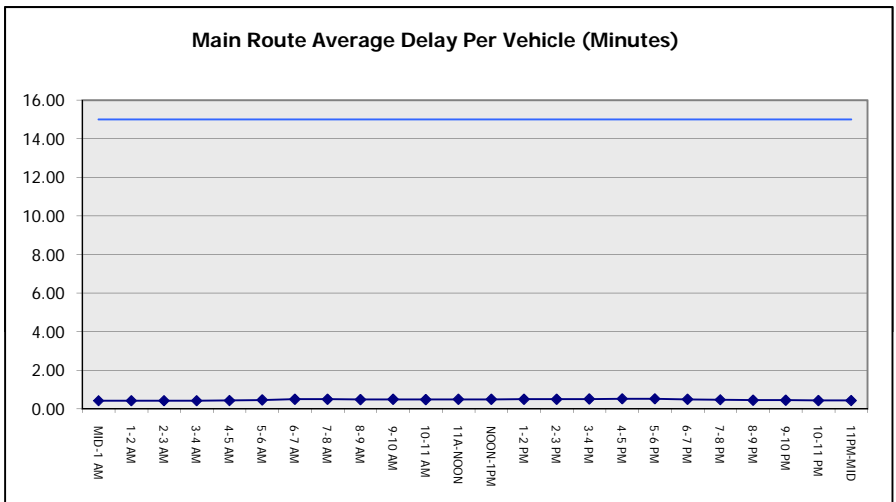
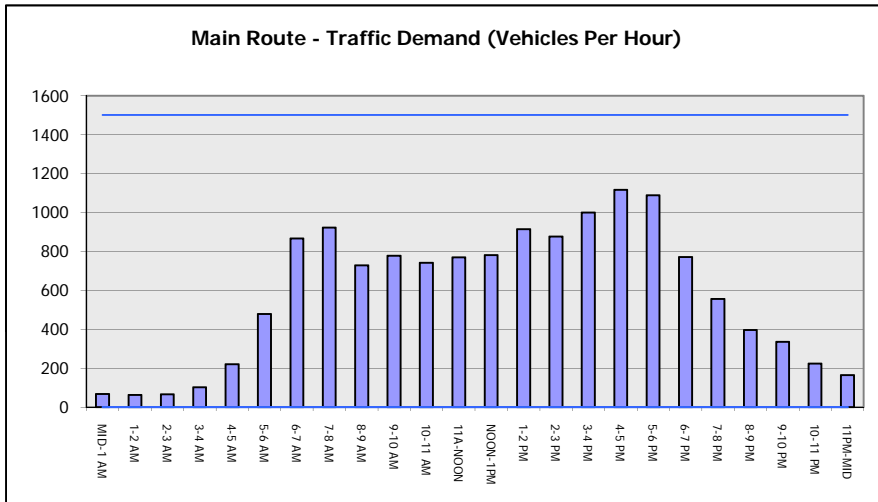
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,540
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY SOUTHBOUND DIRECTION



IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 84 - CTH LL	MAY
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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	166	0.0	11	0.0	1500	166	0	11	0.44	0	66.1	61.7	44.8	24.8	24.8
1-2 AM	108	0.0	7	0.0	1500	108	0	7	0.43	0	66.2	61.9	45.1	24.8	24.8
2-3 AM	75	0.0	5	0.0	1500	75	0	5	0.43	0	66.3	61.9	45.2	24.8	24.8
3-4 AM	96	0.0	6	0.0	1500	96	0	6	0.43	0	66.2	61.9	45.1	24.8	24.8
4-5 AM	139	0.0	9	0.0	1500	139	0	9	0.44	0	66.1	61.7	45.0	24.8	24.8
5-6 AM	304	0.0	21	0.0	1500	304	0	21	0.45	0	65.8	61.4	44.3	24.7	24.7
6-7 AM	623	0.0	42	0.0	1500	623	0	42	0.48	0	65.2	60.5	43.0	24.5	24.5
7-8 AM	820	0.0	56	0.0	1500	820	0	56	0.50	0	64.8	60.1	42.3	24.4	24.4
8-9 AM	775	0.0	52	0.0	1500	775	0	52	0.50	0	65.0	60.2	42.5	24.5	24.5
9-10 AM	863	0.0	58	0.0	1500	863	0	58	0.51	0	64.8	60.0	42.2	24.4	24.4
10-11 AM	943	0.0	64	0.0	1500	943	0	64	0.51	0	64.6	59.7	41.9	24.3	24.3
11A-NOON	1040	0.0	70	0.0	1500	1040	0	70	0.52	0	64.5	59.6	41.5	24.3	24.3
NOON-1PM	1138	0.0	76	0.0	1500	1138	0	76	0.56	0	64.3	59.1	40.6	24.3	24.3
1-2 PM	1209	0.0	81	0.0	1500	1209	0	81	0.65	0	64.1	58.2	38.1	24.2	24.2
2-3 PM	1338	0.0	90	0.0	1499	1338	0	90	0.81	0	63.9	56.6	34.5	24.2	24.2
3-4 PM	1557	0.0	105	0.0	1499	1557	0	105	1.62	17	63.5	50.7	30.8	24.0	24.0
4-5 PM	1708	0.0	115	0.0	1500	1708	0	115	6.65	160	63.2	31.1	30.8	24.0	24.0
5-6 PM	1577	0.0	106	0.0	1499	1518	59	165	11.62	286	63.5	22.6	30.8	24.0	23.6
6-7 PM	1417	0.0	96	0.0	1500	1413	4	100	10.49	256	63.7	24.2	30.8	24.1	24.1
7-8 PM	996	0.0	67	0.0	1500	996	0	67	1.82	45	64.5	50.1	39.8	24.3	24.3
8-9 PM	749	0.0	50	0.0	1500	749	0	50	0.50	0	65.0	60.2	42.6	24.5	24.5
9-10 PM	629	0.0	42	0.0	1500	629	0	42	0.48	0	65.2	60.5	43.0	24.5	24.5
10-11 PM	484	0.0	33	0.0	1500	484	0	33	0.47	0	65.5	60.9	43.6	24.6	24.6
11PM-MID	360	0.0	25	0.0	1500	360	0	25	0.46	0	65.7	61.2	44.0	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	0.0207
MAIN ROUTE WITH WORKS	0.0194
DIVERSION	0.0113

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$12,176
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY NORTHBOUND DIRECTION

