

<b>IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 84 - CTH LL</b>	<b>AUGUST</b>
	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	89	0.0	6	0.0	1500	89	0	6	0.43	0	66.2	61.9	45.1	24.8	24.8
1-2 AM	64	0.0	4	0.0	1500	64	0	4	0.43	0	66.3	62.0	45.2	24.8	24.8
2-3 AM	64	0.0	4	0.0	1500	64	0	4	0.43	0	66.3	62.0	45.2	24.8	24.8
3-4 AM	130	0.0	8	0.0	1500	130	0	8	0.44	0	66.1	61.8	45.0	24.8	24.8
4-5 AM	302	0.0	21	0.0	1500	302	0	21	0.45	0	65.8	61.4	44.3	24.7	24.7
5-6 AM	607	0.0	41	0.0	1500	607	0	41	0.48	0	65.3	60.6	43.1	24.5	24.5
6-7 AM	946	0.0	64	0.0	1500	946	0	64	0.51	0	64.6	59.7	41.9	24.3	24.3
7-8 AM	961	0.0	65	0.0	1500	961	0	65	0.52	0	64.6	59.7	41.8	24.3	24.3
8-9 AM	839	0.0	57	0.0	1500	839	0	57	0.50	0	64.8	60.0	42.2	24.4	24.4
9-10 AM	804	0.0	53	0.0	1500	804	0	53	0.50	0	64.9	60.1	42.4	24.4	24.4
10-11 AM	849	0.0	58	0.0	1500	849	0	58	0.50	0	64.8	60.0	42.2	24.4	24.4
11A-NOON	908	0.0	61	0.0	1500	908	0	61	0.51	0	64.7	59.9	42.0	24.4	24.4
NOON-1PM	930	0.0	63	0.0	1500	930	0	63	0.51	0	64.6	59.8	41.9	24.3	24.3
1-2 PM	947	0.0	64	0.0	1500	947	0	64	0.51	0	64.6	59.7	41.9	24.3	24.3
2-3 PM	974	0.0	66	0.0	1500	974	0	66	0.52	0	64.6	59.7	41.8	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	1027	0.0	69	0.0	1500	1027	0	69	0.52	0	64.5	59.6	41.6	24.3	24.3
5-6 PM	959	0.0	65	0.0	1500	959	0	65	0.52	0	64.6	59.7	41.8	24.3	24.3
6-7 PM	664	0.0	44	0.0	1500	664	0	44	0.49	0	65.1	60.4	42.9	24.5	24.5
7-8 PM	494	0.0	33	0.0	1500	494	0	33	0.47	0	65.5	60.9	43.5	24.6	24.6
8-9 PM	399	0.0	27	0.0	1500	399	0	27	0.46	0	65.6	61.1	43.9	24.7	24.7
9-10 PM	318	0.0	22	0.0	1500	318	0	22	0.45	0	65.8	61.3	44.2	24.7	24.7
10-11 PM	234	0.0	15	0.0	1500	234	0	15	0.45	0	66.0	61.5	44.5	24.7	24.7
11PM-MID	122	0.0	8	0.0	1500	122	0	8	0.43	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	0.0158
MAIN ROUTE WITH WORKS	0.0148
DIVERSION	0.0082

PIA: Personal Injury Accidents

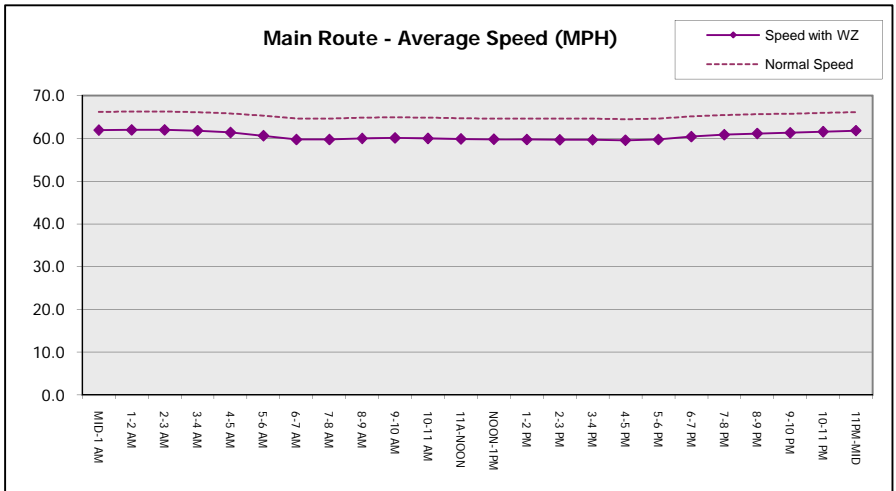
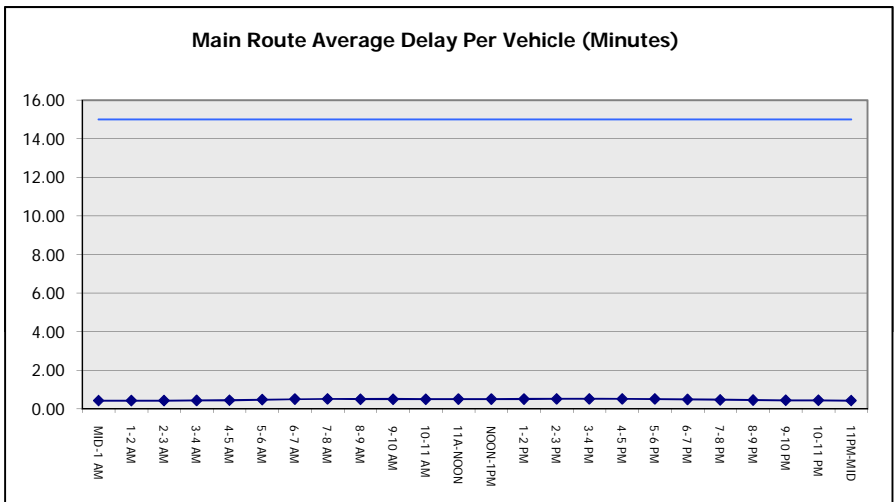
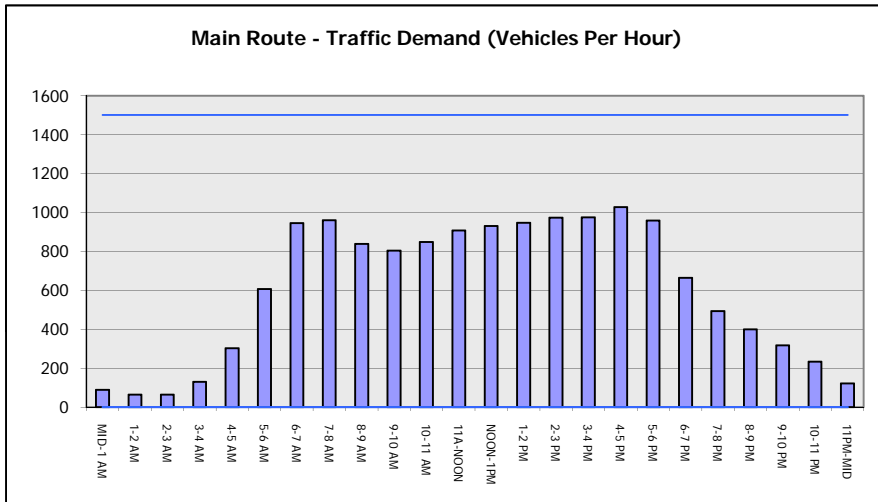
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,464
CONGESTED HOURS PER DAY*	0

\*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**  
**MON-THUR SOUTHBOUND DIRECTION**



<b>IH 43: STH 28 TO STH 57 (OZAUKEE AND SHEBOYGAN COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 84 - CTH LL</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**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	154	0.0	10	0.0	1500	154	0	10	0.44	0	66.1	61.7	44.8	24.8	24.8
1-2 AM	92	0.0	6	0.0	1500	92	0	6	0.43	0	66.2	61.9	45.1	24.8	24.8
2-3 AM	76	0.0	5	0.0	1500	76	0	5	0.43	0	66.3	61.9	45.2	24.8	24.8
3-4 AM	91	0.0	6	0.0	1500	91	0	6	0.43	0	66.2	61.9	45.1	24.8	24.8
4-5 AM	159	0.0	10	0.0	1500	159	0	10	0.44	0	66.1	61.7	44.8	24.8	24.8
5-6 AM	325	0.0	22	0.0	1500	325	0	22	0.45	0	65.8	61.3	44.2	24.7	24.7
6-7 AM	647	0.0	43	0.0	1500	647	0	43	0.49	0	65.2	60.5	43.0	24.5	24.5
7-8 AM	762	0.0	51	0.0	1500	762	0	51	0.50	0	65.0	60.2	42.5	24.5	24.5
8-9 AM	726	0.0	48	0.0	1500	726	0	48	0.49	0	65.0	60.3	42.7	24.5	24.5
9-10 AM	779	0.0	52	0.0	1500	779	0	52	0.50	0	65.0	60.2	42.5	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	902	0.0	61	0.0	1500	902	0	61	0.51	0	64.7	59.9	42.0	24.4	24.4
NOON-1PM	901	0.0	61	0.0	1500	901	0	61	0.51	0	64.7	59.9	42.0	24.4	24.4
1-2 PM	948	0.0	64	0.0	1500	948	0	64	0.51	0	64.6	59.7	41.9	24.3	24.3
2-3 PM	1042	0.0	70	0.0	1500	1042	0	70	0.52	0	64.5	59.5	41.5	24.3	24.3
3-4 PM	1177	0.0	79	0.0	1500	1177	0	79	0.61	0	64.2	58.6	39.2	24.2	24.2
4-5 PM	1205	0.0	81	0.0	1500	1205	0	81	0.64	0	64.1	58.2	38.3	24.2	24.2
5-6 PM	1068	0.0	72	0.0	1500	1068	0	72	0.53	0	64.4	59.4	41.4	24.3	24.3
6-7 PM	733	0.0	49	0.0	1500	733	0	49	0.49	0	65.0	60.3	42.7	24.5	24.5
7-8 PM	568	0.0	38	0.0	1500	568	0	38	0.48	0	65.3	60.7	43.2	24.5	24.5
8-9 PM	494	0.0	33	0.0	1500	494	0	33	0.47	0	65.5	60.9	43.5	24.6	24.6
9-10 PM	410	0.0	28	0.0	1500	410	0	28	0.46	0	65.6	61.1	43.8	24.7	24.7
10-11 PM	320	0.0	22	0.0	1500	320	0	22	0.45	0	65.8	61.3	44.2	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	0.0159
MAIN ROUTE WITH WORKS	0.0149
DIVERSION	0.0082

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,518
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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 Construction Season

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

