

<b>STH 29: CTH Q TO CTH D (SHAWANO COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH Q - CTH D</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SATURDAY WESTBOUND 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	50	0.0	8	0.0	1500	50	0	8	0.50	0	63.8	60.6	41.8	24.8	24.8
1-2 AM	27	0.0	4	0.0	1500	27	0	4	0.50	0	63.8	60.7	41.9	24.8	24.8
2-3 AM	29	0.0	4	0.0	1500	29	0	4	0.50	0	63.8	60.6	41.9	24.8	24.8
3-4 AM	28	0.0	4	0.0	1500	28	0	4	0.50	0	63.8	60.7	41.9	24.8	24.8
4-5 AM	43	0.0	7	0.0	1500	43	0	7	0.50	0	63.8	60.6	41.9	24.8	24.8
5-6 AM	72	0.0	11	0.0	1500	72	0	11	0.51	0	63.8	60.5	41.7	24.8	24.8
6-7 AM	138	0.0	22	0.0	1500	138	0	22	0.51	0	63.7	60.4	41.5	24.7	24.7
7-8 AM	204	0.0	32	0.0	1500	204	0	32	0.52	0	63.5	60.2	41.3	24.6	24.6
8-9 AM	301	0.0	48	0.0	1500	301	0	48	0.53	0	63.3	60.1	40.9	24.5	24.5
9-10 AM	407	0.0	66	0.0	1500	407	0	66	0.54	0	63.2	59.8	40.6	24.3	24.3
10-11 AM	434	0.0	70	0.0	1500	434	0	70	0.54	0	63.1	59.7	40.5	24.3	24.3
11A-NOON	430	0.0	69	0.0	1500	430	0	69	0.54	0	63.1	59.7	40.6	24.3	24.3
NOON-1PM	409	0.0	66	0.0	1500	409	0	66	0.54	0	63.2	59.8	40.6	24.3	24.3
1-2 PM	359	0.0	57	0.0	1500	359	0	57	0.53	0	63.2	59.9	40.7	24.4	24.4
2-3 PM	311	0.0	50	0.0	1500	311	0	50	0.53	0	63.3	60.0	40.9	24.5	24.5
3-4 PM	278	0.0	45	0.0	1500	278	0	45	0.53	0	63.4	60.1	41.0	24.5	24.5
4-5 PM	264	0.0	43	0.0	1500	264	0	43	0.52	0	63.4	60.1	41.1	24.5	24.5
5-6 PM	208	0.0	33	0.0	1500	208	0	33	0.52	0	63.5	60.2	41.3	24.6	24.6
6-7 PM	191	0.0	30	0.0	1500	191	0	30	0.52	0	63.5	60.3	41.4	24.6	24.6
7-8 PM	169	0.0	27	0.0	1500	169	0	27	0.51	0	63.6	60.3	41.4	24.7	24.7
8-9 PM	139	0.0	22	0.0	1500	139	0	22	0.51	0	63.7	60.4	41.5	24.7	24.7
9-10 PM	123	0.0	20	0.0	1500	123	0	20	0.51	0	63.7	60.4	41.5	24.7	24.7
10-11 PM	101	0.0	17	0.0	1500	101	0	17	0.51	0	63.7	60.5	41.7	24.7	24.7
11PM-MID	58	0.0	9	0.0	1500	58	0	9	0.50	0	63.8	60.5	41.8	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	0.0079
MAIN ROUTE WITH WORKS	0.0085
DIVERSION	0.0138

PIA: Personal Injury Accidents

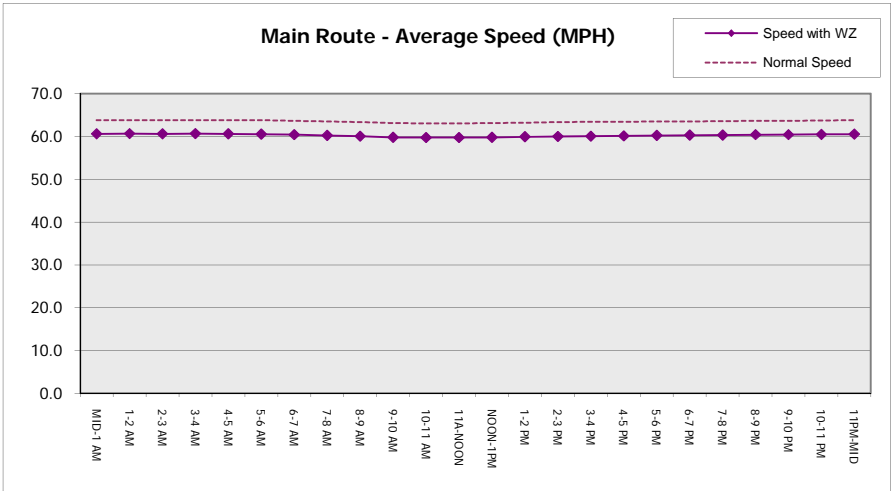
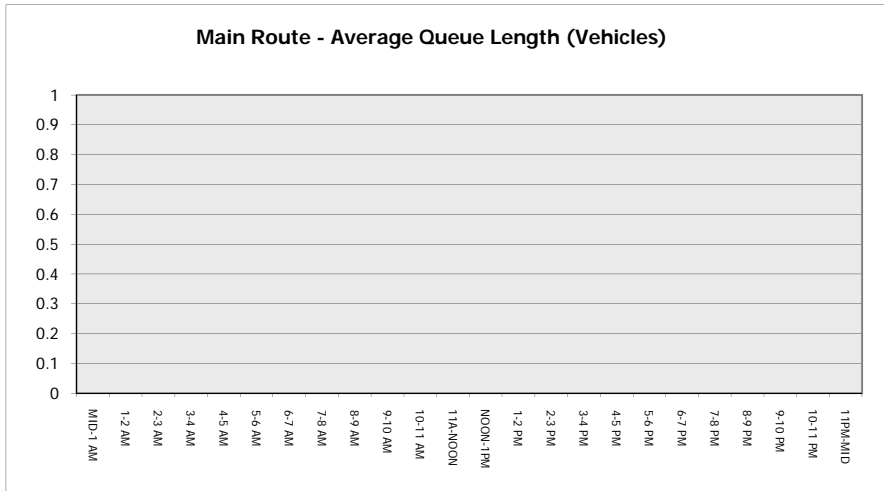
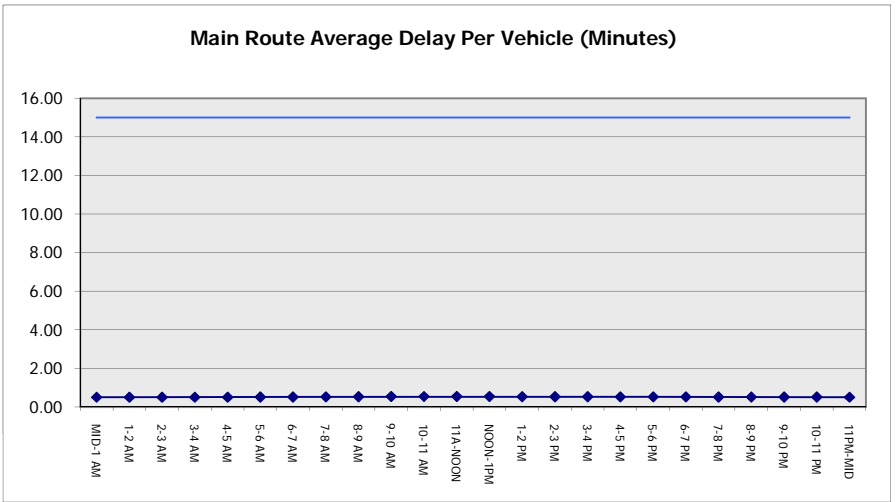
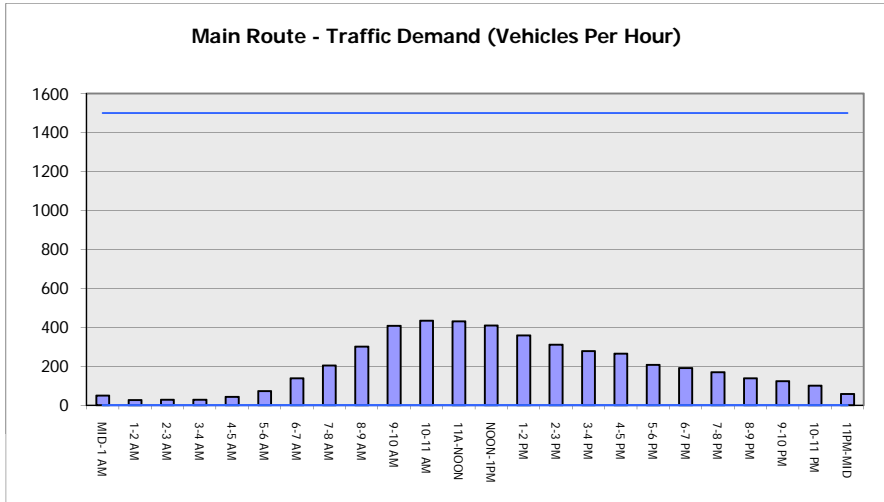
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$643
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**STH 29: CTH Q TO CTH D (SHAWANO COUNTY)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH Q - CTH D**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY WESTBOUND DIRECTION**



<b>STH 29: CTH Q TO CTH D (SHAWANO COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH Q - CTH D</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SATURDAY EASTBOUND 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	42	0.0	6	0.0	1500	42	0	6	0.50	0	63.8	60.6	41.9	24.8	24.8
1-2 AM	24	0.0	4	0.0	1500	24	0	4	0.50	0	63.8	60.7	41.9	24.8	24.8
2-3 AM	26	0.0	4	0.0	1500	26	0	4	0.50	0	63.8	60.7	41.9	24.8	24.8
3-4 AM	26	0.0	4	0.0	1500	26	0	4	0.50	0	63.8	60.7	41.9	24.8	24.8
4-5 AM	30	0.0	5	0.0	1500	30	0	5	0.50	0	63.8	60.6	41.9	24.8	24.8
5-6 AM	43	0.0	7	0.0	1500	43	0	7	0.50	0	63.8	60.6	41.9	24.8	24.8
6-7 AM	80	0.0	13	0.0	1500	80	0	13	0.51	0	63.8	60.5	41.7	24.7	24.7
7-8 AM	139	0.0	22	0.0	1500	139	0	22	0.51	0	63.7	60.4	41.5	24.7	24.7
8-9 AM	230	0.0	37	0.0	1500	230	0	37	0.52	0	63.5	60.2	41.2	24.5	24.5
9-10 AM	356	0.0	57	0.0	1500	356	0	57	0.53	0	63.2	59.9	40.8	24.4	24.4
10-11 AM	439	0.0	70	0.0	1500	439	0	70	0.54	0	63.1	59.7	40.5	24.3	24.3
11A-NOON	434	0.0	70	0.0	1500	434	0	70	0.54	0	63.1	59.7	40.5	24.3	24.3
NOON-1PM	378	0.0	61	0.0	1500	378	0	61	0.53	0	63.2	59.9	40.7	24.4	24.4
1-2 PM	374	0.0	61	0.0	1500	374	0	61	0.53	0	63.2	59.9	40.7	24.4	24.4
2-3 PM	319	0.0	51	0.0	1500	319	0	51	0.53	0	63.3	60.0	40.9	24.5	24.5
3-4 PM	291	0.0	47	0.0	1500	291	0	47	0.53	0	63.3	60.1	41.0	24.5	24.5
4-5 PM	277	0.0	45	0.0	1500	277	0	45	0.53	0	63.4	60.1	41.0	24.5	24.5
5-6 PM	242	0.0	39	0.0	1500	242	0	39	0.52	0	63.5	60.2	41.2	24.5	24.5
6-7 PM	207	0.0	33	0.0	1500	207	0	33	0.52	0	63.5	60.2	41.3	24.6	24.6
7-8 PM	180	0.0	29	0.0	1500	180	0	29	0.52	0	63.6	60.3	41.4	24.6	24.6
8-9 PM	138	0.0	22	0.0	1500	138	0	22	0.51	0	63.7	60.4	41.5	24.7	24.7
9-10 PM	116	0.0	19	0.0	1500	116	0	19	0.51	0	63.7	60.4	41.6	24.7	24.7
10-11 PM	75	0.0	13	0.0	1500	75	0	13	0.51	0	63.8	60.5	41.7	24.7	24.7
11PM-MID	53	0.0	8	0.0	1500	53	0	8	0.50	0	63.8	60.6	41.8	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	0.0075
MAIN ROUTE WITH WORKS	0.0080
DIVERSION	0.0131

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$607
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

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**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH Q - CTH D**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY EASTBOUND DIRECTION**

