

<b>IH 94: USH 12/STH 29 TO USH 53 (EAU CLAIRE AND DUNN COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH EE - USH 12</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SUNDAY 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	232	0.0	21	0.0	1500	232	0	21	0.44	0	66.0	61.6	44.5	39.5	39.5
1-2 AM	163	0.0	15	0.0	1500	163	0	15	0.44	0	66.1	61.7	44.8	39.6	39.6
2-3 AM	125	0.0	12	0.0	1500	125	0	12	0.43	0	66.1	61.9	45.0	39.6	39.6
3-4 AM	125	0.0	12	0.0	1500	125	0	12	0.43	0	66.1	61.9	45.0	39.6	39.6
4-5 AM	128	0.0	12	0.0	1500	128	0	12	0.43	0	66.1	61.9	45.0	39.6	39.6
5-6 AM	148	0.0	14	0.0	1500	148	0	14	0.44	0	66.1	61.8	44.9	39.6	39.6
6-7 AM	199	0.0	18	0.0	1500	199	0	18	0.44	0	66.0	61.7	44.7	39.5	39.5
7-8 AM	318	0.0	29	0.0	1500	318	0	29	0.45	0	65.8	61.4	44.2	39.4	39.4
8-9 AM	501	0.0	46	0.0	1500	501	0	46	0.47	0	65.5	60.9	43.5	39.2	39.2
9-10 AM	745	0.0	67	0.0	1500	745	0	67	0.49	0	65.0	60.3	42.6	38.9	38.9
10-11 AM	1121	0.0	101	0.0	1499	1121	0	101	0.58	0	64.3	58.9	39.9	38.5	38.5
11A-NOON	1445	0.0	131	0.0	1499	1445	0	131	0.99	1	63.7	55.3	32.1	38.1	38.1
NOON-1PM	1646	0.0	149	0.0	1500	1646	0	149	3.12	62	63.3	42.8	30.8	37.9	37.9
1-2 PM	1960	0.0	178	0.0	1499	1629	331	509	9.81	241	62.7	25.2	30.8	37.5	33.4
2-3 PM	2273	0.0	205	0.0	1500	1568	705	910	12.75	320	62.2	21.3	30.8	37.2	28.4
3-4 PM	2422	0.0	219	0.0	1499	1538	885	1104	14.49	368	61.7	19.5	30.8	37.0	26.0
4-5 PM	2543	0.0	230	0.0	1500	1530	1012	1242+	15.85	409	60.4	18.3	30.8	36.9	24.3
5-6 PM	2384	0.0	216	0.0	1499	1440	944	1160	15.10	384	61.9	19.0	30.8	37.1	25.3
6-7 PM	2095	0.0	189	0.0	1499	1422	673	862	12.39	310	62.5	21.7	30.8	37.4	29.1
7-8 PM	1783	0.0	162	0.0	1500	1440	343	505	9.93	242	63.1	25.1	30.8	37.8	33.5
8-9 PM	1467	0.0	133	0.0	1500	1415	52	185	7.78	183	63.7	28.9	30.8	38.1	37.4
9-10 PM	1064	0.0	97	0.0	1500	1064	0	97	1.35	26	64.4	53.2	39.4	38.6	38.6
10-11 PM	711	0.0	65	0.0	1500	711	0	65	0.49	0	65.1	60.4	42.7	38.9	38.9
11PM-MID	498	0.0	45	0.0	1500	498	0	45	0.47	0	65.5	60.9	43.5	39.2	39.2

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

*----- 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	0.0286
MAIN ROUTE WITH WORKS	0.0218
DIVERSION	0.0790

PIA: Personal Injury Accidents

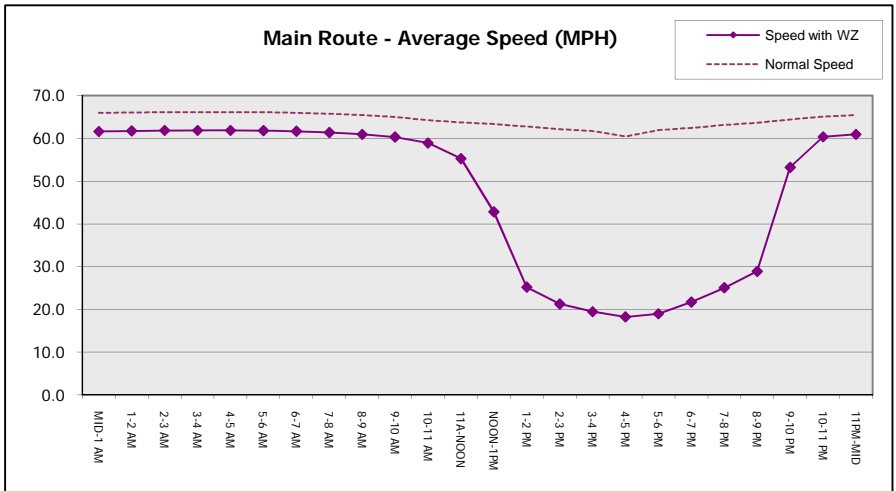
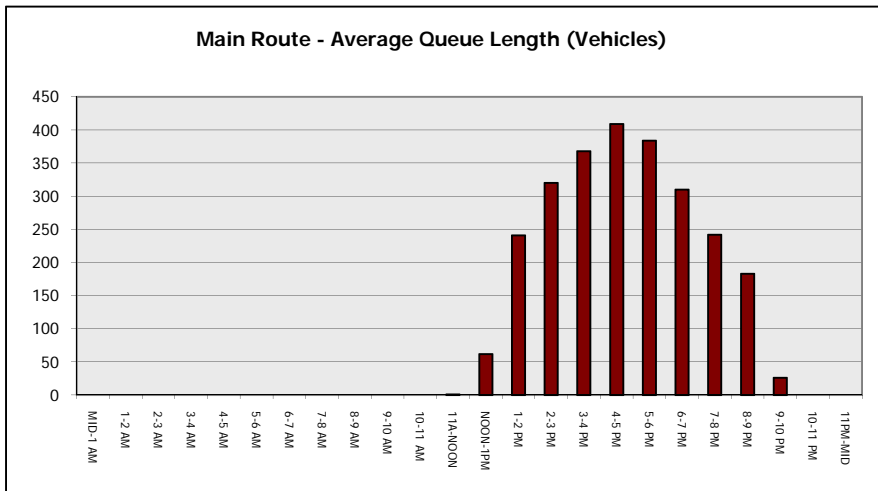
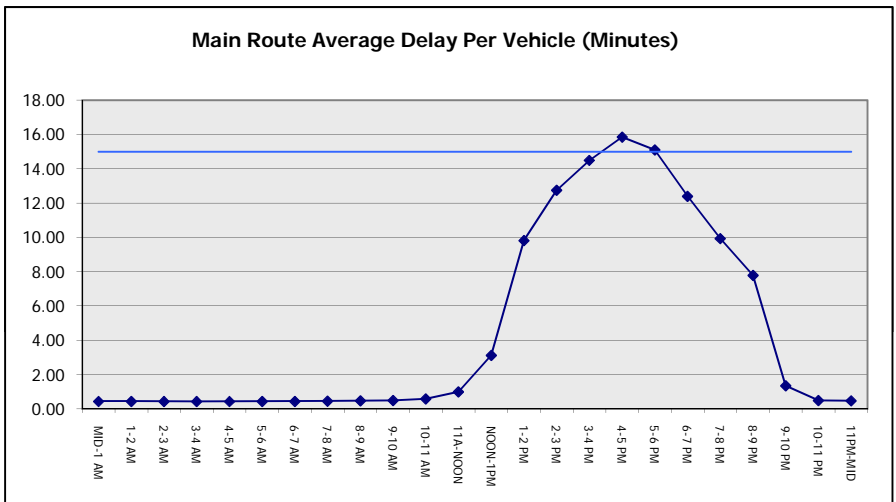
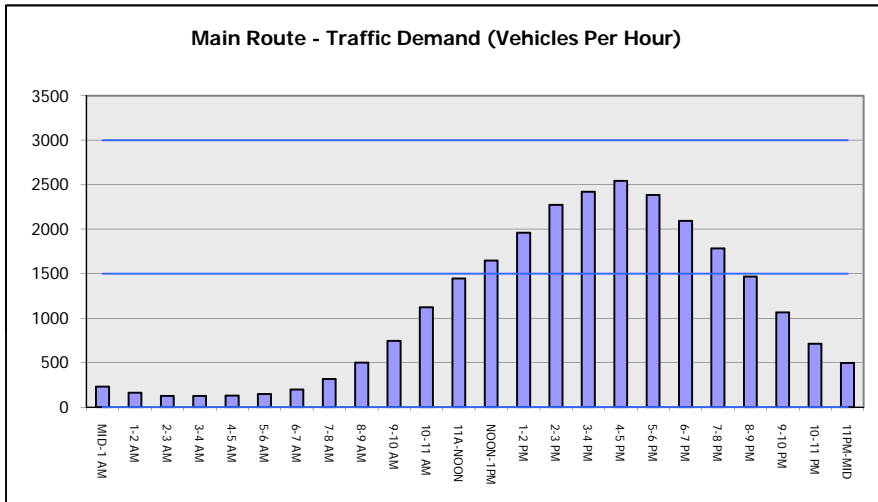
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$67,052
CONGESTED HOURS PER DAY*	2

\*Delays Exceeding 15 Minutes

**IH 94: USH 12/STH 29 TO USH 53 (EAU CLAIRE AND DUNN COUNTIES)  
 CONTINUOUS (24 HOUR) CLOSURE  
 DIVERSION ROUTE: CTH EE - USH 12**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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



<b>IH 94: USH 12/STH 29 TO USH 53 (EAU CLAIRE AND DUNN COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: CTH EE - USH 12</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY 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	225	0.0	20	0.0	1500	225	0	20	0.44	0	66.0	61.6	44.6	39.5	39.5
1-2 AM	148	0.0	14	0.0	1500	148	0	14	0.44	0	66.1	61.8	44.9	39.6	39.6
2-3 AM	112	0.0	11	0.0	1500	112	0	11	0.43	0	66.2	61.9	45.0	39.6	39.6
3-4 AM	95	0.0	9	0.0	1500	95	0	9	0.43	0	66.2	61.9	45.1	39.6	39.6
4-5 AM	101	0.0	10	0.0	1500	101	0	10	0.43	0	66.2	61.9	45.1	39.6	39.6
5-6 AM	159	0.0	14	0.0	1500	159	0	14	0.44	0	66.1	61.8	44.8	39.6	39.6
6-7 AM	333	0.0	30	0.0	1500	333	0	30	0.45	0	65.8	61.4	44.2	39.4	39.4
7-8 AM	563	0.0	51	0.0	1500	563	0	51	0.48	0	65.3	60.7	43.3	39.1	39.1
8-9 AM	833	0.0	75	0.0	1500	833	0	75	0.50	0	64.8	60.1	42.3	38.8	38.8
9-10 AM	1227	0.0	111	0.0	1499	1227	0	111	0.67	0	64.1	58.1	37.8	38.4	38.4
10-11 AM	1577	0.0	142	0.0	1499	1577	0	142	1.89	25	63.5	49.2	30.8	38.0	38.0
11A-NOON	1650	0.0	149	0.0	1499	1649	1	150	6.19	144	63.3	32.5	30.8	37.9	37.9
NOON-1PM	1820	0.0	165	0.0	1499	1515	305	470	9.71	235	63.0	25.4	30.8	37.7	33.9
1-2 PM	1783	0.0	162	0.0	1499	1486	297	458	9.65	234	63.1	25.5	30.8	37.8	34.0
2-3 PM	1628	0.0	147	0.0	1499	1474	153	300	8.79	210	63.3	27.0	30.8	37.9	36.0
3-4 PM	1566	0.0	141	0.0	1500	1493	73	214	8.37	198	63.5	27.8	30.8	38.0	37.1
4-5 PM	1509	0.0	136	0.0	1500	1485	24	160	8.06	189	63.6	28.4	30.8	38.1	37.8
5-6 PM	1321	0.0	119	0.0	1499	1321	0	119	4.37	100	63.9	38.2	32.2	38.3	38.3
6-7 PM	1185	0.0	107	0.0	1500	1185	0	107	0.62	0	64.1	58.6	39.0	38.4	38.4
7-8 PM	999	0.0	90	0.0	1500	999	0	90	0.52	0	64.5	59.7	41.7	38.6	38.6
8-9 PM	835	0.0	75	0.0	1500	835	0	75	0.50	0	64.8	60.1	42.3	38.8	38.8
9-10 PM	589	0.0	53	0.0	1500	589	0	53	0.48	0	65.3	60.7	43.2	39.1	39.1
10-11 PM	408	0.0	37	0.0	1500	408	0	37	0.46	0	65.6	61.2	43.8	39.3	39.3
11PM-MID	281	0.0	26	0.0	1500	281	0	26	0.45	0	65.9	61.5	44.3	39.4	39.4

*----- 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	0.0230
MAIN ROUTE WITH WORKS	0.0207
DIVERSION	0.0297

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$29,102
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding 15 Minutes

**IH 94: USH 12/STH 29 TO USH 53 (EAU CLAIRE AND DUNN COUNTIES)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: CTH EE - USH 12**

**AUGUST**  
 Analyzed for 2009  
 Construction Season

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

