

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

**MAY**  
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	169	0.0	15	0.0	1500	169	0	15	0.44	0	66.1	61.7	44.8	39.6	39.6
1-2 AM	140	0.0	13	0.0	1500	140	0	13	0.44	0	66.1	61.8	44.9	39.6	39.6
2-3 AM	101	0.0	10	0.0	1500	101	0	10	0.43	0	66.2	61.9	45.1	39.6	39.6
3-4 AM	102	0.0	10	0.0	1500	102	0	10	0.43	0	66.2	61.9	45.1	39.6	39.6
4-5 AM	112	0.0	11	0.0	1500	112	0	11	0.43	0	66.2	61.9	45.0	39.6	39.6
5-6 AM	147	0.0	14	0.0	1500	147	0	14	0.44	0	66.1	61.8	44.9	39.6	39.6
6-7 AM	210	0.0	19	0.0	1500	210	0	19	0.44	0	66.0	61.7	44.6	39.5	39.5
7-8 AM	325	0.0	30	0.0	1500	325	0	30	0.45	0	65.8	61.4	44.2	39.4	39.4
8-9 AM	504	0.0	46	0.0	1500	504	0	46	0.47	0	65.5	60.9	43.5	39.2	39.2
9-10 AM	706	0.0	64	0.0	1500	706	0	64	0.49	0	65.1	60.4	42.7	38.9	38.9
10-11 AM	954	0.0	86	0.0	1500	954	0	86	0.51	0	64.6	59.8	41.9	38.7	38.7
11A-NOON	1182	0.0	107	0.0	1500	1182	0	107	0.61	0	64.2	58.6	39.1	38.4	38.4
NOON-1PM	1277	0.0	116	0.0	1500	1277	0	116	0.74	0	64.0	57.4	36.1	38.3	38.3
1-2 PM	1417	0.0	129	0.0	1499	1417	0	129	0.92	0	63.7	55.8	32.6	38.1	38.1
2-3 PM	1627	0.0	147	0.0	1499	1627	0	147	2.78	51	63.3	44.5	30.8	37.9	37.9
3-4 PM	1799	0.0	163	0.0	1500	1612	187	350	8.82	214	63.0	26.9	30.8	37.7	35.4
4-5 PM	1848	0.0	167	0.0	1500	1504	344	511	9.95	242	63.0	25.0	30.8	37.7	33.4
5-6 PM	1811	0.0	164	0.0	1499	1489	322	486	9.81	238	63.0	25.3	30.8	37.7	33.7
6-7 PM	1642	0.0	149	0.0	1499	1469	173	322	8.91	213	63.3	26.8	30.8	37.9	35.8
7-8 PM	1432	0.0	130	0.0	1499	1424	8	138	7.36	171	63.7	29.9	30.8	38.1	38.0
8-9 PM	1247	0.0	113	0.0	1499	1247	0	113	1.95	39	64.1	49.2	35.6	38.3	38.3
9-10 PM	962	0.0	87	0.0	1500	962	0	87	0.52	0	64.6	59.8	41.8	38.7	38.7
10-11 PM	716	0.0	65	0.0	1500	716	0	65	0.49	0	65.1	60.4	42.7	38.9	38.9
11PM-MID	409	0.0	37	0.0	1500	409	0	37	0.46	0	65.6	61.2	43.8	39.3	39.3

**\*----- 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	0.0229
MAIN ROUTE WITH WORKS	0.0204
DIVERSION	0.0316

PIA: Personal Injury Accidents

**IMPACTS ON ROAD USERS**

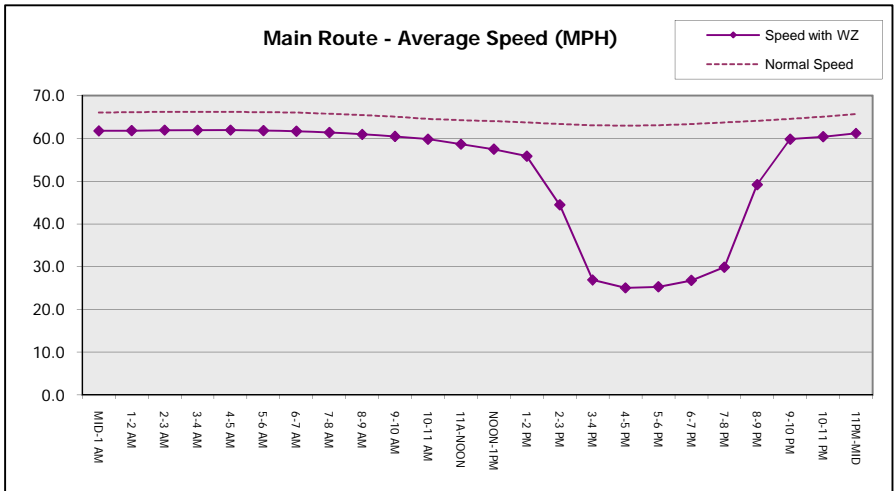
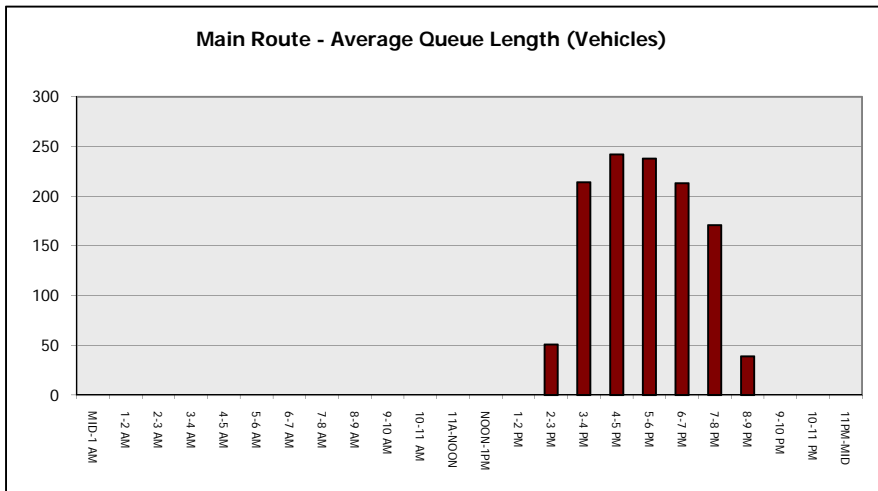
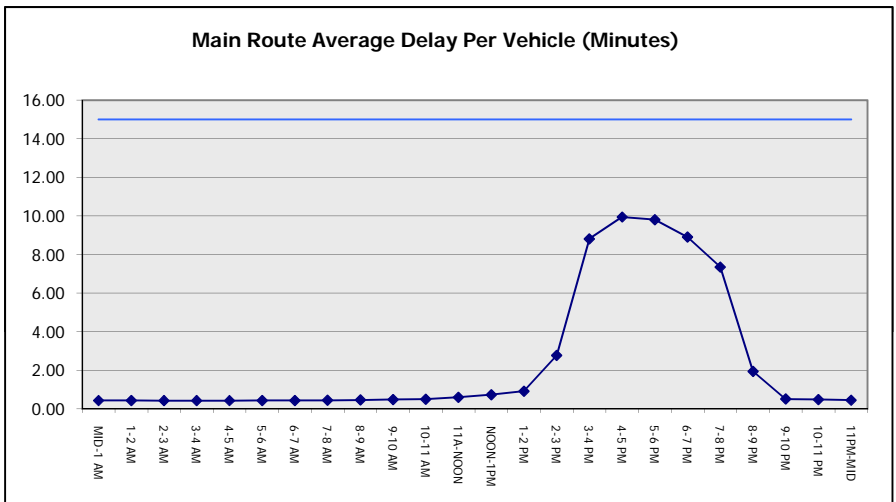
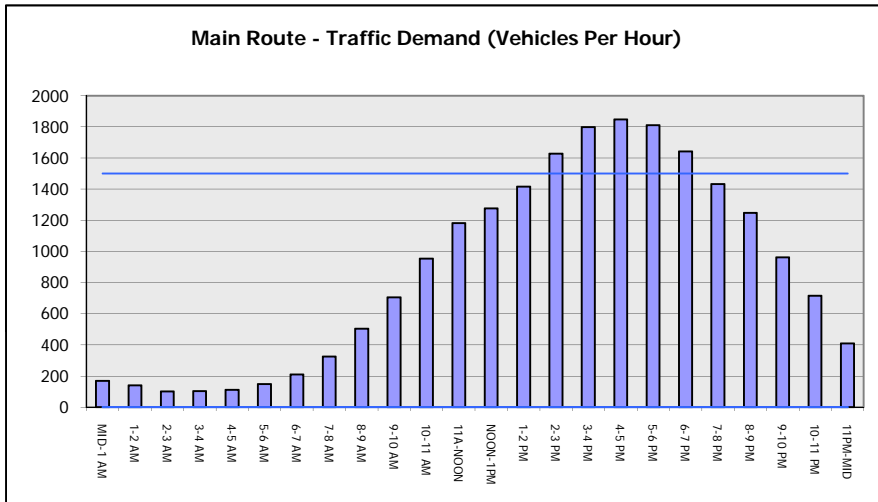
ROAD USER COSTS PER DAY ( DOLLARS)	\$25,642
CONGESTED HOURS PER DAY*	0

\*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**

**MAY**  
 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>MAY</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	165	0.0	15	0.0	1500	165	0	15	0.44	0	66.1	61.7	44.8	39.6	39.6
1-2 AM	107	0.0	10	0.0	1500	107	0	10	0.43	0	66.2	61.9	45.1	39.6	39.6
2-3 AM	86	0.0	7	0.0	1500	86	0	7	0.43	0	66.2	62.0	45.1	39.7	39.7
3-4 AM	79	0.0	7	0.0	1500	79	0	7	0.43	0	66.3	62.0	45.1	39.7	39.7
4-5 AM	99	0.0	9	0.0	1500	99	0	9	0.43	0	66.2	61.9	45.1	39.6	39.6
5-6 AM	152	0.0	14	0.0	1500	152	0	14	0.44	0	66.1	61.8	44.9	39.6	39.6
6-7 AM	278	0.0	26	0.0	1500	278	0	26	0.45	0	65.9	61.5	44.4	39.4	39.4
7-8 AM	443	0.0	40	0.0	1500	443	0	40	0.47	0	65.6	61.0	43.7	39.2	39.2
8-9 AM	665	0.0	61	0.0	1500	665	0	61	0.49	0	65.1	60.5	42.9	39.0	39.0
9-10 AM	961	0.0	87	0.0	1500	961	0	87	0.52	0	64.6	59.8	41.8	38.7	38.7
10-11 AM	1248	0.0	113	0.0	1500	1248	0	113	0.70	0	64.1	57.8	37.0	38.3	38.3
11A-NOON	1328	0.0	120	0.0	1500	1328	0	120	0.80	0	63.9	56.9	34.8	38.3	38.3
NOON-1PM	1371	0.0	124	0.0	1500	1371	0	124	0.86	0	63.8	56.4	33.7	38.2	38.2
1-2 PM	1381	0.0	124	0.0	1500	1381	0	124	0.87	0	63.8	56.3	33.4	38.2	38.2
2-3 PM	1355	0.0	122	0.0	1500	1355	0	122	0.84	0	63.8	56.6	34.1	38.3	38.3
3-4 PM	1331	0.0	120	0.0	1500	1331	0	120	0.81	0	63.9	56.8	34.7	38.3	38.3
4-5 PM	1315	0.0	119	0.0	1500	1315	0	119	0.78	0	64.0	57.0	35.1	38.3	38.3
5-6 PM	1191	0.0	107	0.0	1500	1191	0	107	0.62	0	64.1	58.5	38.8	38.4	38.4
6-7 PM	1012	0.0	91	0.0	1500	1012	0	91	0.52	0	64.5	59.7	41.6	38.6	38.6
7-8 PM	848	0.0	77	0.0	1500	848	0	77	0.50	0	64.8	60.1	42.2	38.8	38.8
8-9 PM	656	0.0	60	0.0	1500	656	0	60	0.49	0	65.1	60.5	42.9	39.0	39.0
9-10 PM	492	0.0	45	0.0	1500	492	0	45	0.47	0	65.5	60.9	43.5	39.2	39.2
10-11 PM	348	0.0	32	0.0	1500	348	0	32	0.46	0	65.8	61.3	44.1	39.4	39.4
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	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	0.0189
MAIN ROUTE WITH WORKS	0.0177
DIVERSION	0.0168

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$3,296
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**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**

**SUNDAY EASTBOUND DIRECTION**

