

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

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	265	0.0	24	0.0	1500	265	0	24	0.45	0	65.9	61.5	44.4	39.4	39.4
1-2 AM	229	0.0	20	0.0	1500	229	0	20	0.44	0	66.0	61.6	44.6	39.5	39.5
2-3 AM	251	0.0	22	0.0	1500	251	0	22	0.45	0	65.9	61.5	44.5	39.5	39.5
3-4 AM	290	0.0	27	0.0	1500	290	0	27	0.45	0	65.8	61.4	44.3	39.4	39.4
4-5 AM	440	0.0	39	0.0	1500	440	0	39	0.47	0	65.6	61.0	43.7	39.2	39.2
5-6 AM	790	0.0	71	0.0	1500	790	0	71	0.50	0	64.9	60.2	42.4	38.9	38.9
6-7 AM	919	0.0	83	0.0	1500	919	0	83	0.51	0	64.6	59.9	42.0	38.7	38.7
7-8 AM	994	0.0	90	0.0	1500	994	0	90	0.52	0	64.5	59.7	41.7	38.6	38.6
8-9 AM	925	0.0	84	0.0	1500	925	0	84	0.51	0	64.6	59.9	41.9	38.7	38.7
9-10 AM	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 AM	1087	0.0	98	0.0	1500	1087	0	98	0.53	0	64.3	59.5	41.4	38.5	38.5
11A-NOON	1220	0.0	111	0.0	1500	1220	0	111	0.66	0	64.1	58.1	37.8	38.4	38.4
NOON-1PM	1307	0.0	118	0.0	1499	1307	0	118	0.78	0	64.0	57.1	35.3	38.3	38.3
1-2 PM	1509	0.0	136	0.0	1499	1509	0	136	1.24	6	63.6	53.4	31.2	38.1	38.1
2-3 PM	1661	0.0	150	0.0	1500	1661	0	150	4.60	102	63.3	37.1	30.8	37.9	37.9
3-4 PM	1657	0.0	150	0.0	1499	1523	135	285	8.71	208	63.3	27.1	30.8	37.9	36.2
4-5 PM	1637	0.0	148	0.0	1500	1495	142	290	8.74	208	63.3	27.1	30.8	37.9	36.1
5-6 PM	1528	0.0	138	0.0	1499	1480	47	186	8.23	194	63.5	28.1	30.8	38.0	37.4
6-7 PM	1319	0.0	119	0.0	1499	1319	0	119	4.65	108	63.9	37.2	32.2	38.3	38.3
7-8 PM	1097	0.0	99	0.0	1500	1097	0	99	0.55	0	64.3	59.3	40.9	38.5	38.5
8-9 PM	936	0.0	85	0.0	1500	936	0	85	0.51	0	64.6	59.9	41.9	38.7	38.7
9-10 PM	720	0.0	65	0.0	1500	720	0	65	0.49	0	65.0	60.4	42.7	38.9	38.9
10-11 PM	568	0.0	51	0.0	1500	568	0	51	0.48	0	65.3	60.7	43.2	39.1	39.1
11PM-MID	350	0.0	32	0.0	1500	350	0	32	0.46	0	65.8	61.3	44.1	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	0.0249
MAIN ROUTE WITH WORKS	0.0230
DIVERSION	0.0257

PIA: Personal Injury Accidents

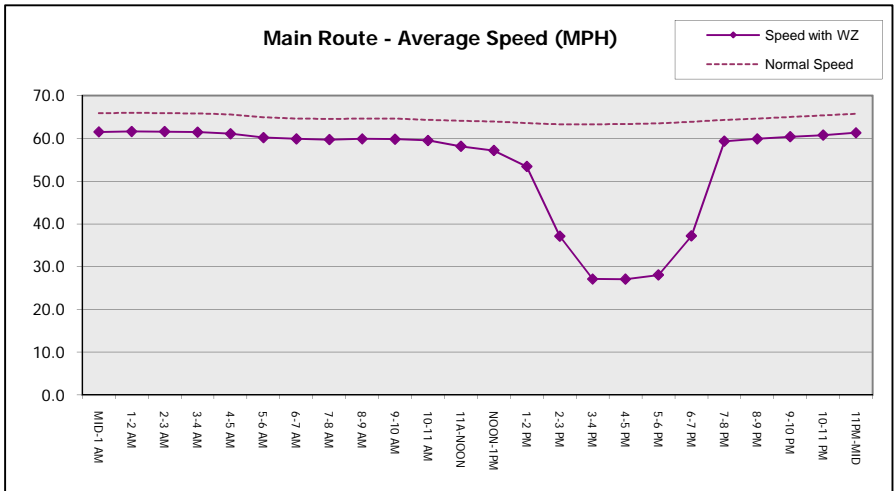
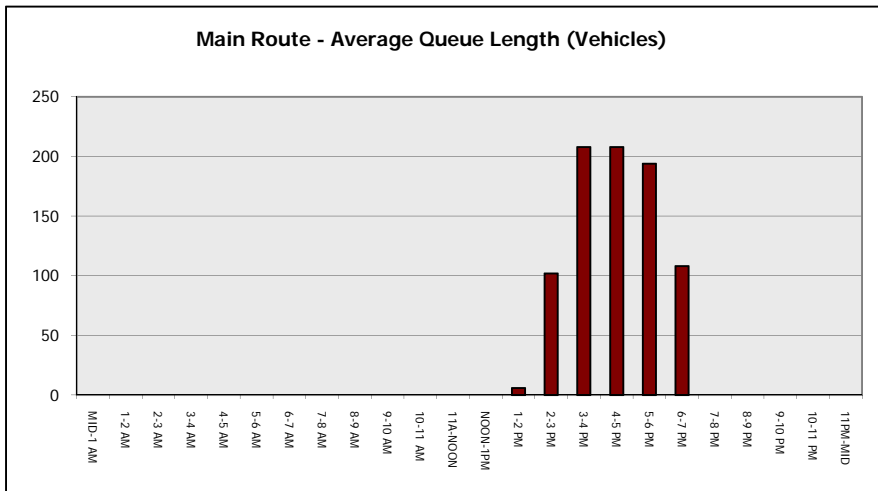
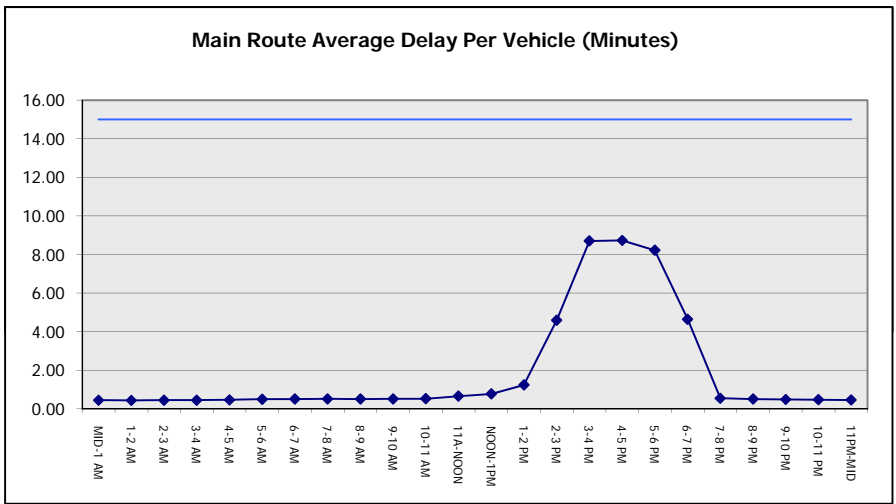
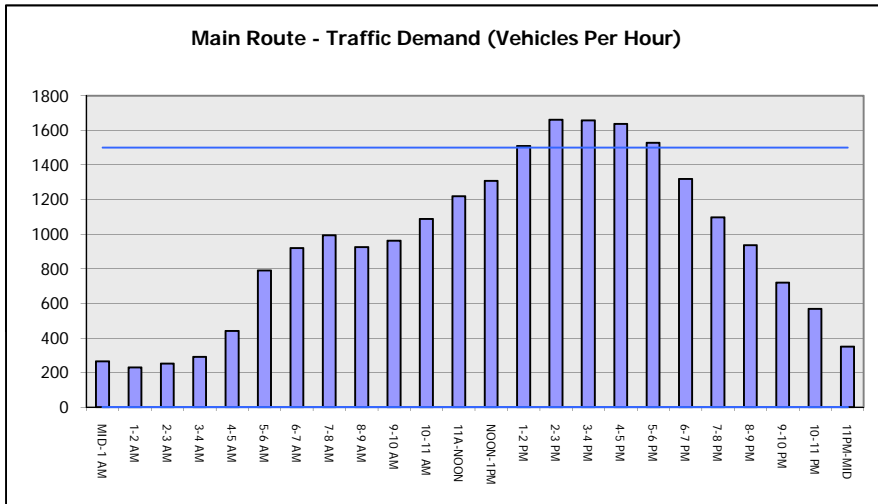
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$15,173
CONGESTED HOURS PER DAY*	0

*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

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



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

SUMMARY OF TRAFFIC MODEL OUTPUT	
FRIDAY	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	253	0.0	23	0.0	1500	253	0	23	0.45	0	65.9	61.5	44.5	39.4	39.4
1-2 AM	186	0.0	17	0.0	1500	186	0	17	0.44	0	66.0	61.7	44.7	39.6	39.6
2-3 AM	145	0.0	13	0.0	1500	145	0	13	0.44	0	66.1	61.8	44.9	39.6	39.6
3-4 AM	169	0.0	15	0.0	1500	169	0	15	0.44	0	66.1	61.7	44.8	39.6	39.6
4-5 AM	207	0.0	19	0.0	1500	207	0	19	0.44	0	66.0	61.7	44.6	39.5	39.5
5-6 AM	367	0.0	33	0.0	1500	367	0	33	0.46	0	65.7	61.2	44.0	39.3	39.3
6-7 AM	567	0.0	51	0.0	1500	567	0	51	0.48	0	65.3	60.7	43.2	39.1	39.1
7-8 AM	887	0.0	80	0.0	1500	887	0	80	0.51	0	64.7	60.0	42.1	38.8	38.8
8-9 AM	1000	0.0	90	0.0	1500	1000	0	90	0.52	0	64.5	59.7	41.7	38.6	38.6
9-10 AM	1262	0.0	114	0.0	1499	1262	0	114	0.72	0	64.0	57.6	36.6	38.3	38.3
10-11 AM	1491	0.0	135	0.0	1499	1491	0	135	1.10	2	63.6	54.4	31.2	38.1	38.1
11A-NOON	1521	0.0	137	0.0	1499	1521	0	137	1.77	20	63.5	50.0	30.8	38.1	38.1
NOON-1PM	1549	0.0	140	0.0	1499	1549	0	140	2.77	47	63.5	44.6	30.8	38.0	38.0
1-2 PM	1829	0.0	166	0.0	1500	1667	162	328	8.02	196	63.0	28.3	30.8	37.7	35.6
2-3 PM	1943	0.0	176	0.0	1499	1517	426	602	10.51	258	62.8	24.2	30.8	37.6	32.3
3-4 PM	2043	0.0	185	0.0	1500	1517	526	711	11.24	278	62.6	23.2	30.8	37.4	30.9
4-5 PM	2013	0.0	182	0.0	1499	1487	527	708	11.23	278	62.7	23.2	30.8	37.5	30.9
5-6 PM	1835	0.0	166	0.0	1499	1463	372	538	10.12	247	63.0	24.8	30.8	37.7	33.0
6-7 PM	1687	0.0	152	0.0	1500	1471	216	368	9.15	220	63.2	26.3	30.8	37.9	35.1
7-8 PM	1295	0.0	117	0.0	1499	1288	7	124	4.95	121	64.0	36.2	33.0	38.3	38.2
8-9 PM	846	0.0	77	0.0	1500	846	0	77	0.50	0	64.8	60.1	42.2	38.8	38.8
9-10 PM	668	0.0	61	0.0	1500	668	0	61	0.49	0	65.1	60.5	42.8	39.0	39.0
10-11 PM	542	0.0	49	0.0	1500	542	0	49	0.48	0	65.4	60.8	43.3	39.1	39.1
11PM-MID	406	0.0	37	0.0	1500	406	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	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	0.0271
MAIN ROUTE WITH WORKS	0.0232
DIVERSION	0.0483

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$31,559
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

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

