

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

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	180	0.0	16	0.0	1500	180	0	16	0.44	0	66.1	61.7	44.8	39.6	39.6
1-2 AM	137	0.0	13	0.0	1500	137	0	13	0.44	0	66.1	61.9	45.0	39.6	39.6
2-3 AM	118	0.0	11	0.0	1500	118	0	11	0.43	0	66.1	61.9	45.0	39.6	39.6
3-4 AM	114	0.0	11	0.0	1500	114	0	11	0.43	0	66.2	61.9	45.0	39.6	39.6
4-5 AM	114	0.0	11	0.0	1500	114	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	192	0.0	17	0.0	1500	192	0	17	0.44	0	66.0	61.7	44.7	39.6	39.6
7-8 AM	274	0.0	24	0.0	1500	274	0	24	0.45	0	65.9	61.5	44.4	39.4	39.4
8-9 AM	428	0.0	38	0.0	1500	428	0	38	0.46	0	65.6	61.1	43.8	39.2	39.2
9-10 AM	686	0.0	62	0.0	1500	686	0	62	0.49	0	65.1	60.5	42.8	39.0	39.0
10-11 AM	972	0.0	88	0.0	1500	972	0	88	0.52	0	64.6	59.7	41.8	38.6	38.6
11A-NOON	1269	0.0	115	0.0	1500	1269	0	115	0.73	0	64.0	57.6	36.3	38.3	38.3
NOON-1PM	1420	0.0	129	0.0	1499	1420	0	129	0.92	0	63.7	55.8	32.5	38.1	38.1
1-2 PM	1630	0.0	148	0.0	1499	1630	0	148	2.75	51	63.3	44.6	30.8	37.9	37.9
2-3 PM	1853	0.0	168	0.0	1500	1625	228	396	9.07	221	62.9	26.5	30.8	37.6	34.8
3-4 PM	2065	0.0	187	0.0	1500	1539	526	713	11.25	279	62.5	23.2	30.8	37.4	30.9
4-5 PM	2133	0.0	193	0.0	1499	1507	626	818	12.03	300	62.4	22.2	30.8	37.3	29.6
5-6 PM	2034	0.0	184	0.0	1499	1471	563	747	11.51	285	62.6	22.9	30.8	37.4	30.5
6-7 PM	1788	0.0	162	0.0	1499	1453	335	497	9.88	240	63.0	25.2	30.8	37.8	33.6
7-8 PM	1643	0.0	149	0.0	1500	1476	167	316	8.88	212	63.3	26.8	30.8	37.9	35.8
8-9 PM	1341	0.0	121	0.0	1499	1336	5	126	5.80	136	63.9	33.7	31.9	38.3	38.2
9-10 PM	965	0.0	87	0.0	1500	964	0	87	0.56	1	64.6	59.4	41.8	38.7	38.7
10-11 PM	638	0.0	57	0.0	1500	638	0	57	0.48	0	65.2	60.5	43.0	39.1	39.1
11PM-MID	376	0.0	34	0.0	1500	376	0	34	0.46	0	65.7	61.2	44.0	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	0.0247
MAIN ROUTE WITH WORKS	0.0207
DIVERSION	0.0485

PIA: Personal Injury Accidents

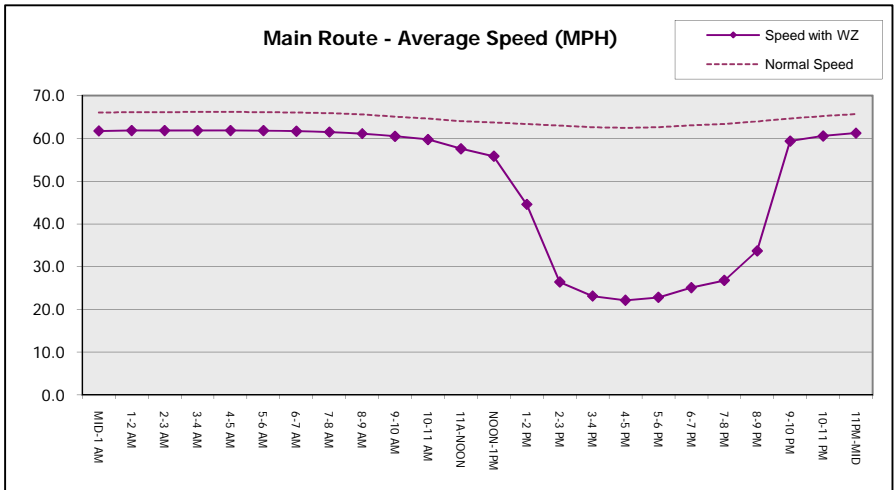
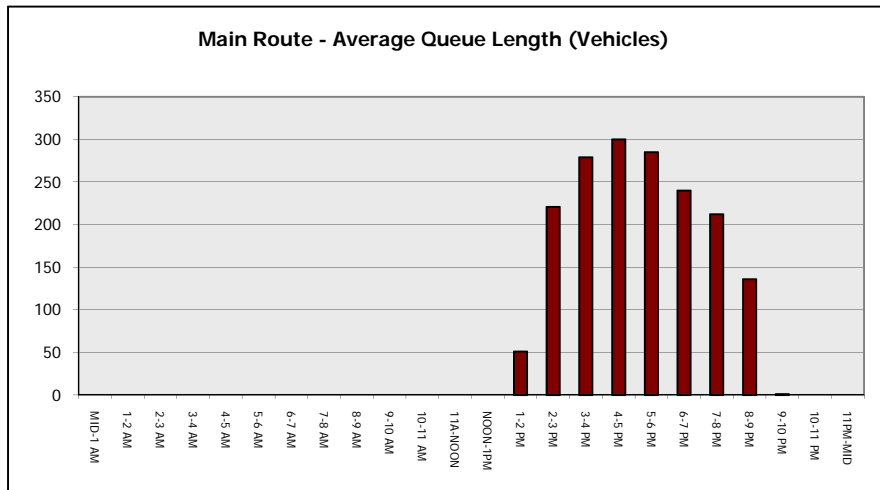
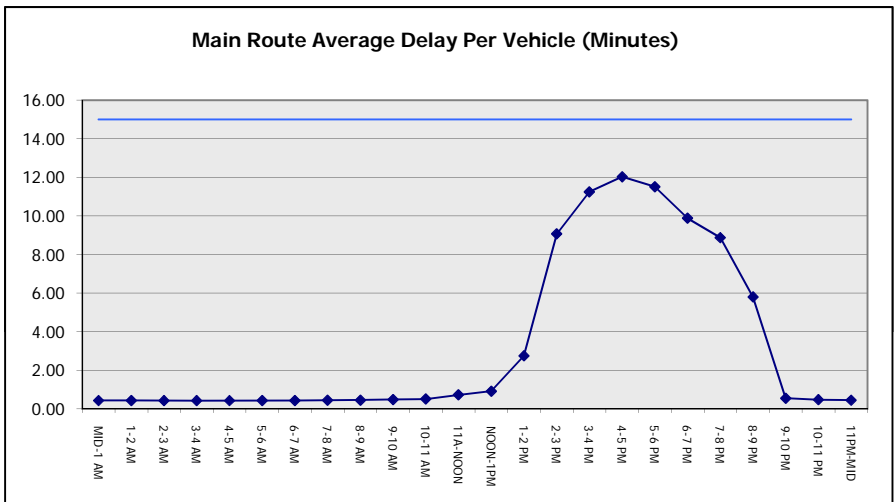
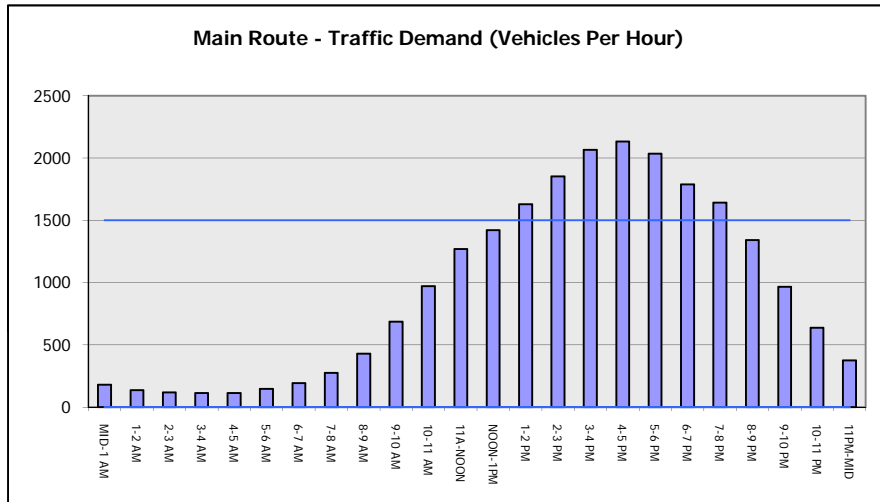
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$40,173
CONGESTED HOURS PER DAY*	0

*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
SUNDAY 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

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	208	0.0	19	0.0	1500	208	0	19	0.44	0	66.0	61.7	44.6	39.5	39.5
1-2 AM	130	0.0	12	0.0	1500	130	0	12	0.44	0	66.1	61.9	45.0	39.6	39.6
2-3 AM	108	0.0	10	0.0	1500	108	0	10	0.43	0	66.2	61.9	45.1	39.6	39.6
3-4 AM	90	0.0	9	0.0	1500	90	0	9	0.43	0	66.2	61.9	45.1	39.6	39.6
4-5 AM	111	0.0	10	0.0	1500	111	0	10	0.43	0	66.2	61.9	45.0	39.6	39.6
5-6 AM	153	0.0	14	0.0	1500	153	0	14	0.44	0	66.1	61.8	44.9	39.6	39.6
6-7 AM	266	0.0	24	0.0	1500	266	0	24	0.45	0	65.9	61.5	44.4	39.4	39.4
7-8 AM	429	0.0	39	0.0	1500	429	0	39	0.46	0	65.6	61.1	43.8	39.2	39.2
8-9 AM	647	0.0	59	0.0	1500	647	0	59	0.49	0	65.2	60.5	43.0	39.0	39.0
9-10 AM	994	0.0	90	0.0	1500	994	0	90	0.52	0	64.5	59.7	41.7	38.6	38.6
10-11 AM	1326	0.0	120	0.0	1499	1326	0	120	0.80	0	63.9	56.9	34.9	38.3	38.3
11A-NOON	1513	0.0	137	0.0	1499	1513	0	137	1.20	5	63.6	53.7	30.9	38.1	38.1
NOON-1PM	1559	0.0	141	0.0	1500	1559	0	141	2.77	48	63.5	44.5	30.8	38.0	38.0
1-2 PM	1580	0.0	143	0.0	1500	1580	0	143	5.38	119	63.5	34.8	30.8	37.9	37.9
2-3 PM	1571	0.0	143	0.0	1499	1538	33	175	7.97	187	63.5	28.6	30.8	37.9	37.6
3-4 PM	1548	0.0	140	0.0	1500	1496	52	193	8.26	195	63.5	28.0	30.8	38.0	37.3
4-5 PM	1512	0.0	137	0.0	1500	1490	22	160	8.08	190	63.6	28.4	30.8	38.1	37.8
5-6 PM	1341	0.0	121	0.0	1499	1341	0	121	5.10	117	63.9	35.7	31.9	38.3	38.3
6-7 PM	1078	0.0	98	0.0	1500	1078	0	98	0.56	0	64.4	59.2	41.2	38.5	38.5
7-8 PM	938	0.0	85	0.0	1500	938	0	85	0.51	0	64.6	59.9	41.9	38.7	38.7
8-9 PM	636	0.0	57	0.0	1500	636	0	57	0.48	0	65.2	60.5	43.0	39.1	39.1
9-10 PM	475	0.0	43	0.0	1500	475	0	43	0.47	0	65.5	61.0	43.6	39.2	39.2
10-11 PM	357	0.0	32	0.0	1500	357	0	32	0.46	0	65.7	61.3	44.0	39.4	39.4
11PM-MID	235	0.0	21	0.0	1500	235	0	21	0.45	0	66.0	61.6	44.5	39.5	39.5

----- 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	0.0206
MAIN ROUTE WITH WORKS	0.0193
DIVERSION	0.0196

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$18,404
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
SUNDAY EASTBOUND DIRECTION

