

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

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	289	0.0	27	0.0	1500	289	0	27	0.45	0	65.8	61.4	44.3	39.4	39.4
1-2 AM	241	0.0	21	0.0	1500	241	0	21	0.45	0	66.0	61.5	44.5	39.5	39.5
2-3 AM	250	0.0	22	0.0	1500	250	0	22	0.45	0	65.9	61.5	44.5	39.5	39.5
3-4 AM	291	0.0	27	0.0	1500	291	0	27	0.45	0	65.8	61.4	44.3	39.4	39.4
4-5 AM	485	0.0	44	0.0	1500	485	0	44	0.47	0	65.5	60.9	43.6	39.2	39.2
5-6 AM	772	0.0	70	0.0	1500	772	0	70	0.50	0	65.0	60.2	42.5	38.9	38.9
6-7 AM	901	0.0	82	0.0	1500	901	0	82	0.51	0	64.7	59.9	42.0	38.8	38.8
7-8 AM	963	0.0	87	0.0	1500	963	0	87	0.52	0	64.6	59.8	41.8	38.7	38.7
8-9 AM	938	0.0	85	0.0	1500	938	0	85	0.51	0	64.6	59.9	41.9	38.7	38.7
9-10 AM	1017	0.0	91	0.0	1500	1017	0	91	0.52	0	64.5	59.6	41.6	38.6	38.6
10-11 AM	1185	0.0	107	0.0	1500	1185	0	107	0.62	0	64.1	58.6	38.9	38.4	38.4
11A-NOON	1304	0.0	118	0.0	1500	1304	0	118	0.77	0	64.0	57.1	35.4	38.3	38.3
NOON-1PM	1355	0.0	122	0.0	1499	1355	0	122	0.84	0	63.8	56.6	34.1	38.3	38.3
1-2 PM	1570	0.0	141	0.0	1499	1570	0	141	1.90	25	63.5	49.2	30.8	38.0	38.0
2-3 PM	1670	0.0	151	0.0	1500	1654	16	167	6.32	148	63.3	32.2	30.8	37.9	37.7
3-4 PM	1673	0.0	151	0.0	1499	1488	184	335	8.97	215	63.3	26.6	30.8	37.9	35.6
4-5 PM	1602	0.0	145	0.0	1499	1488	114	259	8.58	204	63.4	27.4	30.8	37.9	36.5
5-6 PM	1537	0.0	139	0.0	1500	1490	47	187	8.23	194	63.5	28.1	30.8	38.0	37.4
6-7 PM	1416	0.0	128	0.0	1499	1416	0	128	6.87	158	63.8	31.0	30.8	38.1	38.1
7-8 PM	1185	0.0	107	0.0	1500	1185	0	107	1.31	21	64.1	53.3	38.0	38.4	38.4
8-9 PM	992	0.0	89	0.0	1500	992	0	89	0.52	0	64.5	59.7	41.7	38.6	38.6
9-10 PM	932	0.0	84	0.0	1500	932	0	84	0.51	0	64.6	59.9	41.9	38.7	38.7
10-11 PM	699	0.0	63	0.0	1500	699	0	63	0.49	0	65.1	60.4	42.8	38.9	38.9
11PM-MID	462	0.0	41	0.0	1500	462	0	41	0.47	0	65.5	61.0	43.7	39.2	39.2

----- 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	0.0260
MAIN ROUTE WITH WORKS	0.0241
DIVERSION	0.0271

PIA: Personal Injury Accidents

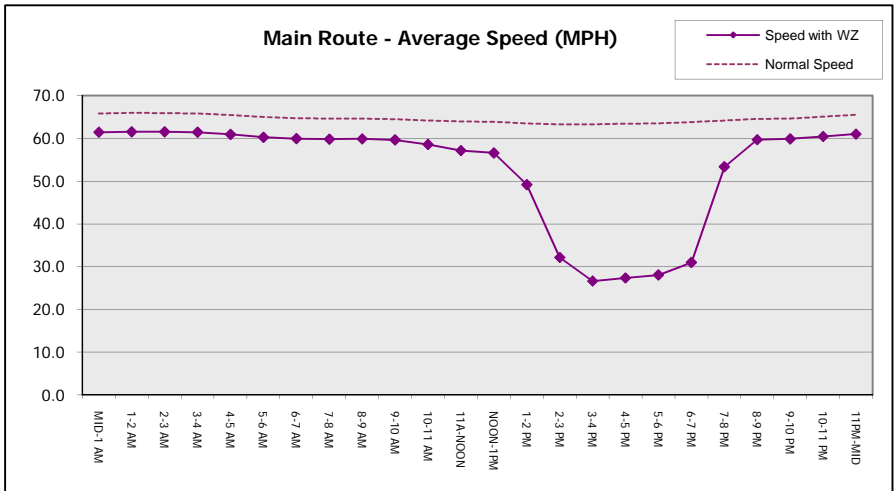
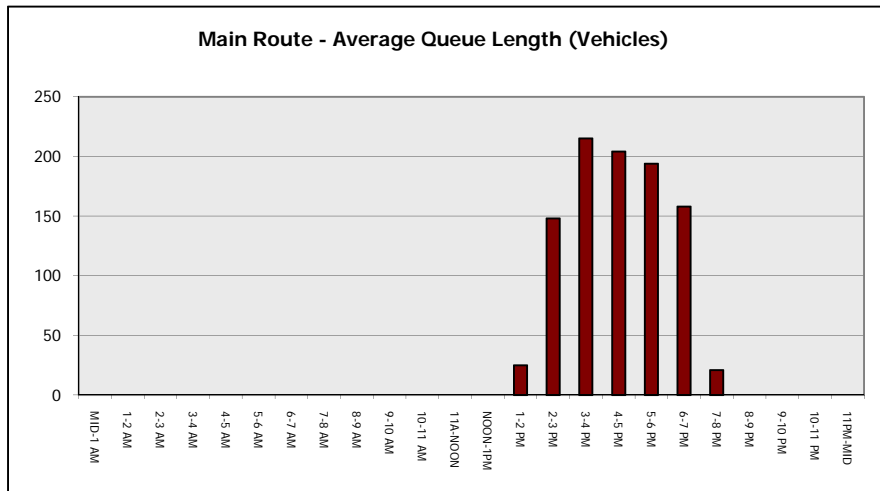
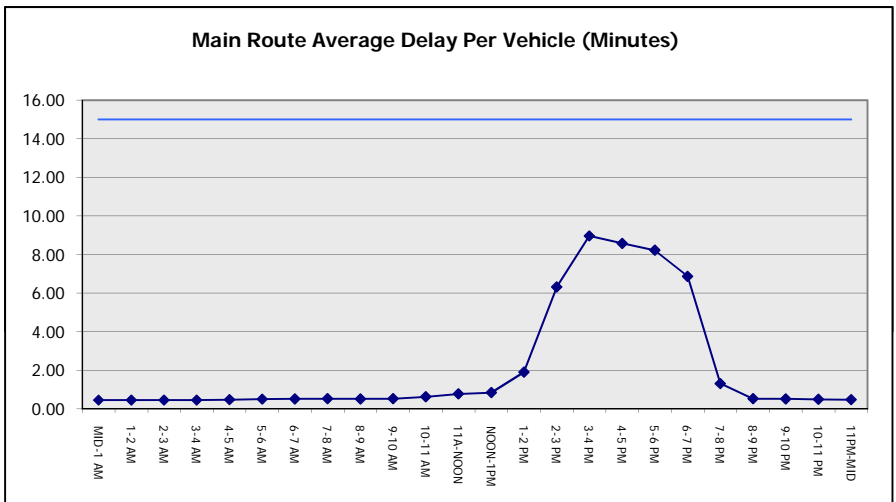
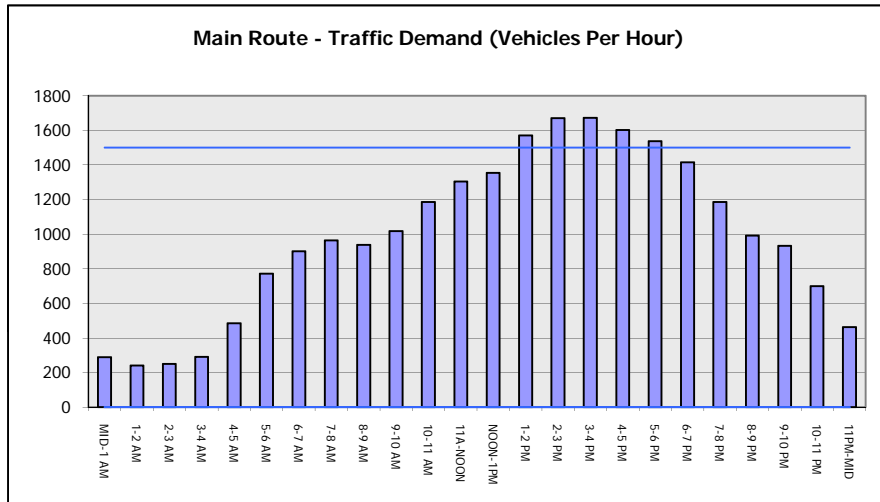
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$17,771
CONGESTED HOURS PER DAY*	0

*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
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	AUGUST Analyzed for 2009 Construction Season
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SUMMARY OF TRAFFIC MODEL OUTPUT	
FRIDAY	EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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		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	325	0.0	30	0.0	1500	325	0	30	0.45	0	65.8	61.4	44.2	39.4	39.4
1-2 AM	212	0.0	19	0.0	1500	212	0	19	0.44	0	66.0	61.6	44.6	39.5	39.5
2-3 AM	185	0.0	17	0.0	1500	185	0	17	0.44	0	66.0	61.7	44.7	39.6	39.6
3-4 AM	185	0.0	17	0.0	1500	185	0	17	0.44	0	66.0	61.7	44.7	39.6	39.6
4-5 AM	233	0.0	21	0.0	1500	233	0	21	0.45	0	66.0	61.6	44.5	39.5	39.5
5-6 AM	393	0.0	35	0.0	1500	393	0	35	0.46	0	65.6	61.2	43.9	39.3	39.3
6-7 AM	656	0.0	60	0.0	1500	656	0	60	0.49	0	65.1	60.5	42.9	39.0	39.0
7-8 AM	963	0.0	87	0.0	1500	963	0	87	0.52	0	64.6	59.8	41.8	38.7	38.7
8-9 AM	1148	0.0	104	0.0	1499	1148	0	104	0.59	0	64.3	58.9	39.7	38.4	38.4
9-10 AM	1466	0.0	133	0.0	1499	1466	0	133	1.16	5	63.7	54.0	32.0	38.1	38.1
10-11 AM	1803	0.0	163	0.0	1500	1726	77	239	6.08	148	63.0	32.7	30.8	37.7	36.8
11A-NOON	1828	0.0	166	0.0	1499	1491	337	503	9.91	241	63.0	25.1	30.8	37.7	33.5
NOON-1PM	1827	0.0	165	0.0	1499	1506	322	486	9.81	238	63.0	25.3	30.8	37.7	33.7
1-2 PM	2112	0.0	191	0.0	1500	1560	552	743	11.46	285	62.5	22.9	30.8	37.4	30.5
2-3 PM	2192	0.0	198	0.0	1499	1510	682	880	12.51	313	62.3	21.6	30.8	37.3	28.8
3-4 PM	2124	0.0	192	0.0	1499	1483	641	833	12.15	303	62.4	22.0	30.8	37.4	29.4
4-5 PM	2153	0.0	195	0.0	1500	1506	647	841	12.20	305	62.3	22.0	30.8	37.3	29.3
5-6 PM	2065	0.0	187	0.0	1499	1477	588	775	11.71	291	62.5	22.6	30.8	37.4	30.1
6-7 PM	1971	0.0	179	0.0	1500	1470	502	680	11.04	272	62.7	23.5	30.8	37.5	31.3
7-8 PM	1416	0.0	128	0.0	1499	1337	79	207	7.35	175	63.8	29.9	31.1	38.1	37.2
8-9 PM	999	0.0	90	0.0	1500	998	0	90	0.82	9	64.5	57.3	41.4	38.6	38.6
9-10 PM	739	0.0	67	0.0	1500	739	0	67	0.49	0	65.0	60.3	42.6	38.9	38.9
10-11 PM	630	0.0	57	0.0	1500	630	0	57	0.48	0	65.2	60.6	43.0	39.1	39.1
11PM-MID	476	0.0	43	0.0	1500	476	0	43	0.47	0	65.5	61.0	43.6	39.2	39.2

----- 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	0.0308
MAIN ROUTE WITH WORKS	0.0244
DIVERSION	0.0753

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$51,267
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
FRIDAY EASTBOUND DIRECTION

