

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

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	272	0.0	24	0.0	1500	272	0	24	0.45	0	65.9	61.5	44.4	39.4	39.4
1-2 AM	253	0.0	23	0.0	1500	253	0	23	0.45	0	65.9	61.5	44.5	39.4	39.4
2-3 AM	246	0.0	22	0.0	1500	246	0	22	0.45	0	66.0	61.5	44.5	39.5	39.5
3-4 AM	280	0.0	26	0.0	1500	280	0	26	0.45	0	65.9	61.5	44.3	39.4	39.4
4-5 AM	457	0.0	41	0.0	1500	457	0	41	0.47	0	65.5	61.0	43.7	39.2	39.2
5-6 AM	785	0.0	71	0.0	1500	785	0	71	0.50	0	64.9	60.2	42.4	38.9	38.9
6-7 AM	1050	0.0	95	0.0	1500	1050	0	95	0.52	0	64.5	59.6	41.5	38.6	38.6
7-8 AM	1044	0.0	95	0.0	1500	1044	0	95	0.52	0	64.5	59.6	41.5	38.6	38.6
8-9 AM	957	0.0	86	0.0	1500	957	0	86	0.51	0	64.6	59.8	41.9	38.7	38.7
9-10 AM	990	0.0	89	0.0	1500	990	0	89	0.52	0	64.5	59.7	41.7	38.6	38.6
10-11 AM	1027	0.0	93	0.0	1500	1027	0	93	0.52	0	64.5	59.6	41.6	38.6	38.6
11A-NOON	1120	0.0	101	0.0	1500	1120	0	101	0.53	0	64.3	59.4	41.2	38.5	38.5
NOON-1PM	1253	0.0	114	0.0	1500	1253	0	114	0.70	0	64.0	57.8	36.8	38.3	38.3
1-2 PM	1400	0.0	127	0.0	1500	1400	0	127	0.90	0	63.8	56.0	33.0	38.2	38.2
2-3 PM	1444	0.0	131	0.0	1499	1444	0	131	0.95	0	63.7	55.5	32.0	38.1	38.1
3-4 PM	1532	0.0	138	0.0	1499	1532	0	138	1.48	12	63.5	51.8	30.8	38.0	38.0
4-5 PM	1548	0.0	140	0.0	1500	1548	0	140	3.13	57	63.5	42.9	30.8	38.0	38.0
5-6 PM	1482	0.0	134	0.0	1499	1482	0	134	3.96	79	63.7	39.6	30.8	38.1	38.1
6-7 PM	1291	0.0	117	0.0	1500	1291	0	117	1.18	12	64.0	54.1	35.3	38.3	38.3
7-8 PM	1072	0.0	97	0.0	1500	1072	0	97	0.53	0	64.4	59.5	41.4	38.6	38.6
8-9 PM	976	0.0	88	0.0	1500	976	0	88	0.52	0	64.6	59.7	41.8	38.6	38.6
9-10 PM	829	0.0	75	0.0	1500	829	0	75	0.50	0	64.8	60.1	42.3	38.8	38.8
10-11 PM	663	0.0	60	0.0	1500	663	0	60	0.49	0	65.1	60.5	42.9	39.0	39.0
11PM-MID	432	0.0	39	0.0	1500	432	0	39	0.46	0	65.6	61.1	43.8	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	0.0246
MAIN ROUTE WITH WORKS	0.0231
DIVERSION	0.0219

PIA: Personal Injury Accidents

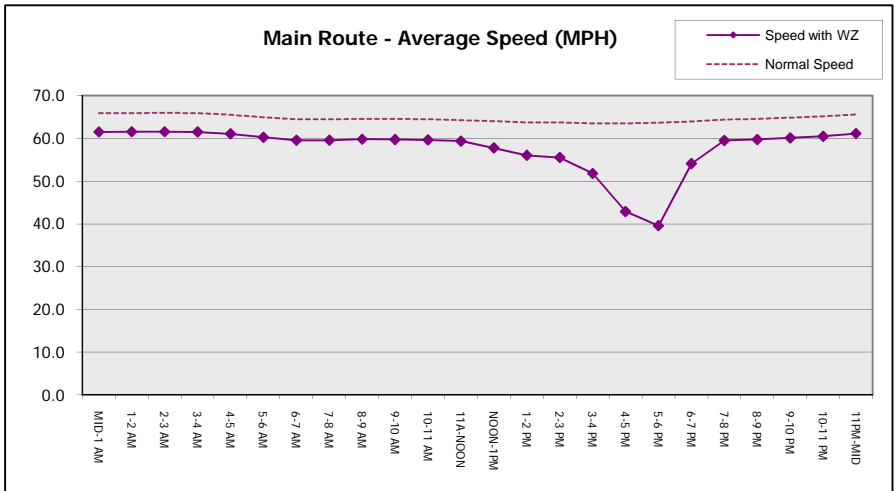
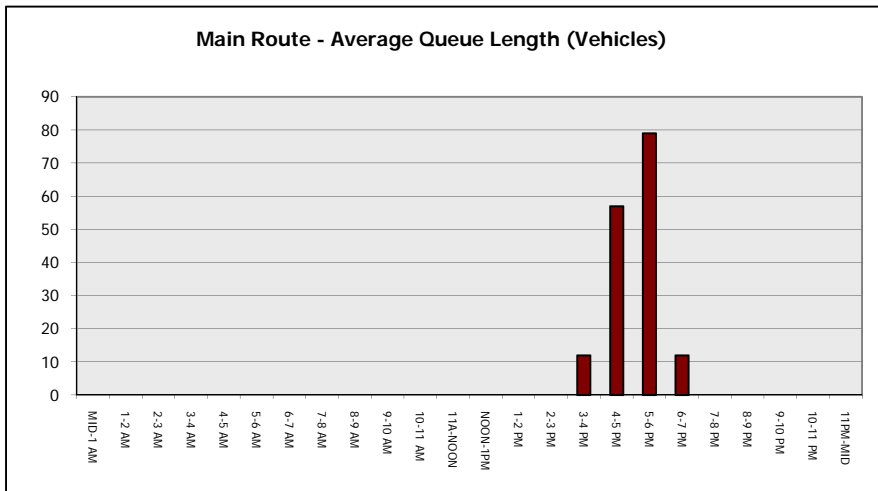
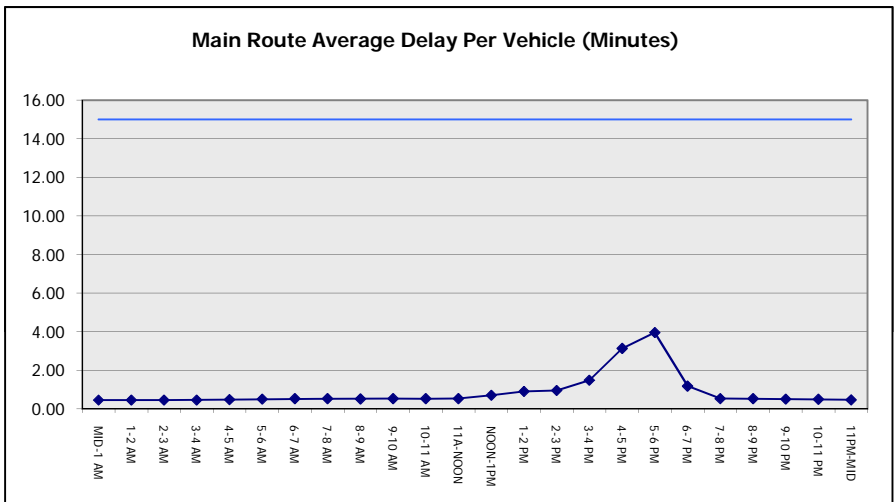
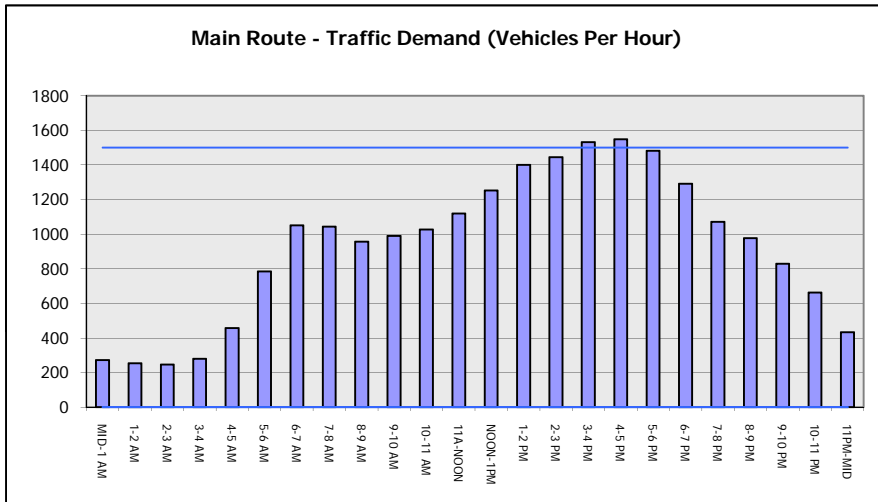
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$5,792
CONGESTED HOURS PER DAY*	0

*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
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	MAY
	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	262	0.0	23	0.0	1500	262	0	23	0.45	0	65.9	61.5	44.4	39.4	39.4
1-2 AM	171	0.0	16	0.0	1500	171	0	16	0.44	0	66.1	61.7	44.8	39.6	39.6
2-3 AM	167	0.0	15	0.0	1500	167	0	15	0.44	0	66.1	61.7	44.8	39.6	39.6
3-4 AM	163	0.0	15	0.0	1500	163	0	15	0.44	0	66.1	61.7	44.8	39.6	39.6
4-5 AM	241	0.0	22	0.0	1500	241	0	22	0.45	0	66.0	61.5	44.5	39.5	39.5
5-6 AM	374	0.0	34	0.0	1500	374	0	34	0.46	0	65.7	61.2	44.0	39.3	39.3
6-7 AM	632	0.0	57	0.0	1500	632	0	57	0.48	0	65.2	60.6	43.0	39.1	39.1
7-8 AM	946	0.0	85	0.0	1500	946	0	85	0.51	0	64.6	59.8	41.9	38.7	38.7
8-9 AM	1067	0.0	97	0.0	1500	1067	0	97	0.53	0	64.4	59.6	41.4	38.6	38.6
9-10 AM	1332	0.0	120	0.0	1499	1332	0	120	0.81	0	63.9	56.8	34.7	38.3	38.3
10-11 AM	1475	0.0	133	0.0	1499	1475	0	133	0.99	0	63.7	55.2	31.3	38.1	38.1
11A-NOON	1537	0.0	139	0.0	1500	1537	0	139	1.52	13	63.5	51.5	30.8	38.0	38.0
NOON-1PM	1633	0.0	148	0.0	1500	1633	0	148	4.30	92	63.3	38.2	30.8	37.9	37.9
1-2 PM	1878	0.0	170	0.0	1499	1585	293	463	9.64	235	62.9	25.5	30.8	37.6	34.0
2-3 PM	1892	0.0	171	0.0	1499	1501	391	562	10.26	251	62.8	24.5	30.8	37.6	32.8
3-4 PM	2080	0.0	188	0.0	1500	1539	541	729	11.37	282	62.5	23.0	30.8	37.4	30.7
4-5 PM	2119	0.0	191	0.0	1499	1502	618	809	11.96	298	62.4	22.2	30.8	37.4	29.7
5-6 PM	2035	0.0	184	0.0	1499	1479	557	741	11.46	284	62.6	22.9	30.8	37.4	30.6
6-7 PM	1953	0.0	177	0.0	1500	1471	481	658	10.89	268	62.7	23.7	30.8	37.6	31.5
7-8 PM	1358	0.0	123	0.0	1499	1301	57	180	6.61	160	63.8	31.6	32.1	38.2	37.5
8-9 PM	910	0.0	82	0.0	1500	910	0	82	0.59	2	64.7	59.2	42.0	38.8	38.8
9-10 PM	672	0.0	61	0.0	1500	672	0	61	0.49	0	65.1	60.5	42.8	39.0	39.0
10-11 PM	552	0.0	50	0.0	1500	552	0	50	0.48	0	65.3	60.8	43.3	39.1	39.1
11PM-MID	415	0.0	37	0.0	1500	415	0	37	0.46	0	65.6	61.1	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	0.0284
MAIN ROUTE WITH WORKS	0.0237
DIVERSION	0.0570

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$36,968
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
FRIDAY EASTBOUND DIRECTION

