

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

MON-THUR 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	214	0.0	19	0.0	1500	214	0	19	0.44	0	66.0	61.6	44.6	39.5	39.5
1-2 AM	199	0.0	18	0.0	1500	199	0	18	0.44	0	66.0	61.7	44.7	39.5	39.5
2-3 AM	213	0.0	19	0.0	1500	213	0	19	0.44	0	66.0	61.6	44.6	39.5	39.5
3-4 AM	283	0.0	26	0.0	1500	283	0	26	0.45	0	65.9	61.5	44.3	39.4	39.4
4-5 AM	513	0.0	47	0.0	1500	513	0	47	0.47	0	65.5	60.9	43.5	39.2	39.2
5-6 AM	892	0.0	81	0.0	1500	892	0	81	0.51	0	64.7	59.9	42.0	38.8	38.8
6-7 AM	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 AM	968	0.0	87	0.0	1500	968	0	87	0.52	0	64.6	59.7	41.8	38.7	38.7
8-9 AM	887	0.0	80	0.0	1500	887	0	80	0.51	0	64.7	60.0	42.1	38.8	38.8
9-10 AM	837	0.0	76	0.0	1500	837	0	76	0.50	0	64.8	60.1	42.2	38.8	38.8
10-11 AM	863	0.0	78	0.0	1500	863	0	78	0.51	0	64.8	60.1	42.2	38.8	38.8
11A-NOON	894	0.0	81	0.0	1500	894	0	81	0.51	0	64.7	59.9	42.0	38.8	38.8
NOON-1PM	912	0.0	83	0.0	1500	912	0	83	0.51	0	64.7	59.9	42.0	38.7	38.7
1-2 PM	1003	0.0	90	0.0	1500	1003	0	90	0.52	0	64.5	59.7	41.7	38.6	38.6
2-3 PM	1019	0.0	93	0.0	1500	1019	0	93	0.52	0	64.5	59.6	41.6	38.6	38.6
3-4 PM	1081	0.0	98	0.0	1500	1081	0	98	0.53	0	64.4	59.5	41.4	38.5	38.5
4-5 PM	1088	0.0	99	0.0	1500	1088	0	99	0.53	0	64.3	59.5	41.4	38.5	38.5
5-6 PM	1006	0.0	91	0.0	1500	1006	0	91	0.52	0	64.5	59.7	41.7	38.6	38.6
6-7 PM	838	0.0	76	0.0	1500	838	0	76	0.50	0	64.8	60.1	42.2	38.8	38.8
7-8 PM	689	0.0	63	0.0	1500	689	0	63	0.49	0	65.1	60.4	42.8	38.9	38.9
8-9 PM	573	0.0	52	0.0	1500	573	0	52	0.48	0	65.3	60.7	43.2	39.1	39.1
9-10 PM	488	0.0	44	0.0	1500	488	0	44	0.47	0	65.5	60.9	43.5	39.2	39.2
10-11 PM	363	0.0	33	0.0	1500	363	0	33	0.46	0	65.7	61.2	44.0	39.3	39.3
11PM-MID	255	0.0	23	0.0	1500	255	0	23	0.45	0	65.9	61.5	44.5	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	0.0188
MAIN ROUTE WITH WORKS	0.0176
DIVERSION	0.0167

PIA: Personal Injury Accidents

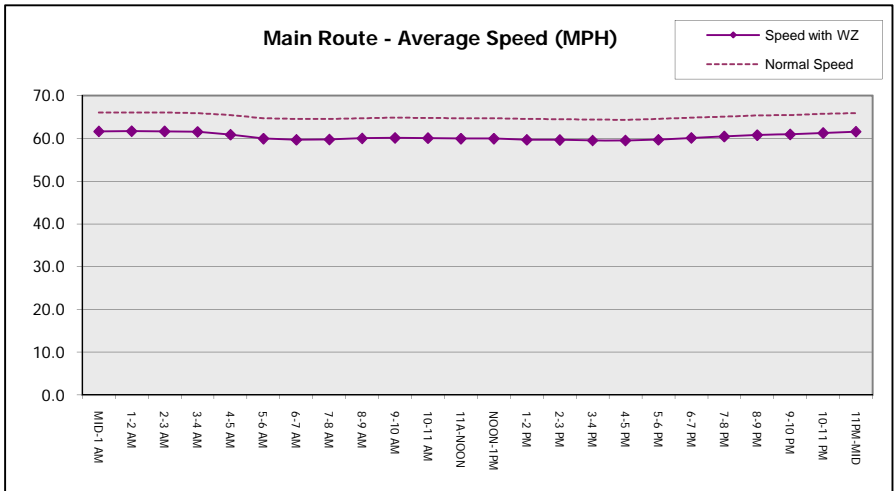
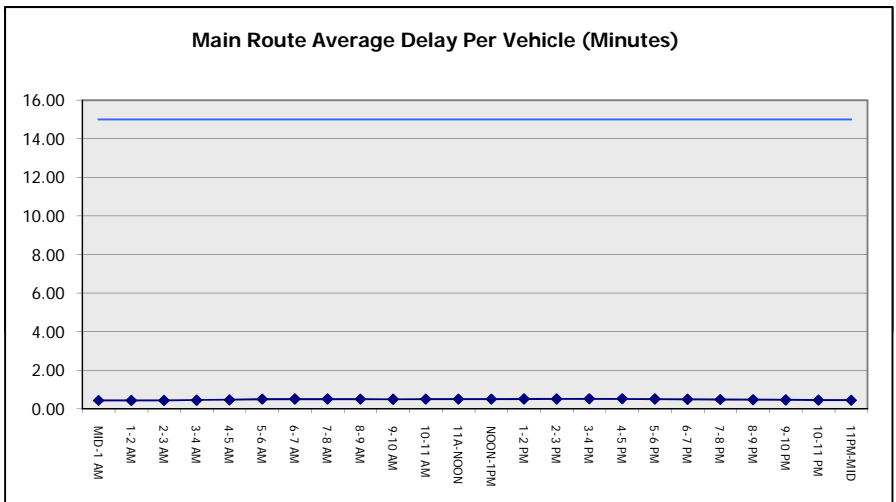
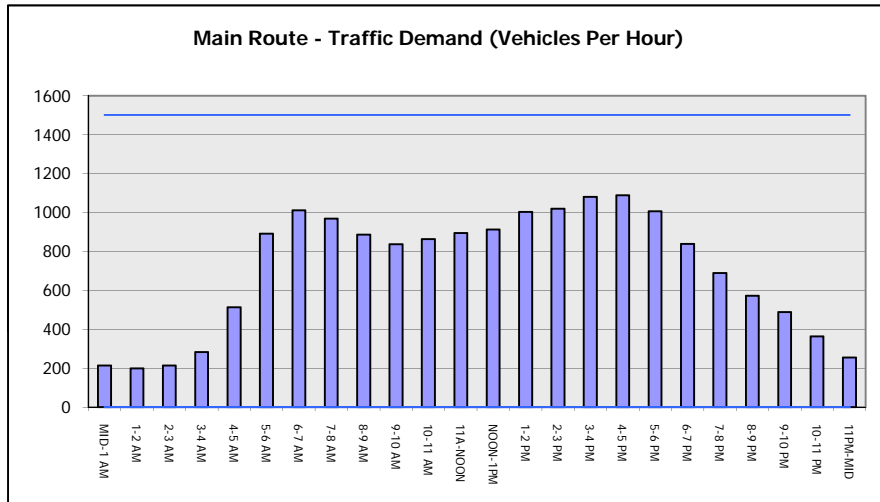
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,731
CONGESTED HOURS PER DAY*	0

*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
MON-THUR 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	
MON-THUR	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	218	0.0	20	0.0	1500	218	0	20	0.44	0	66.0	61.6	44.6	39.5	39.5
1-2 AM	147	0.0	14	0.0	1500	147	0	14	0.44	0	66.1	61.8	44.9	39.6	39.6
2-3 AM	133	0.0	12	0.0	1500	133	0	12	0.44	0	66.1	61.9	45.0	39.6	39.6
3-4 AM	150	0.0	14	0.0	1500	150	0	14	0.44	0	66.1	61.8	44.9	39.6	39.6
4-5 AM	213	0.0	19	0.0	1500	213	0	19	0.44	0	66.0	61.6	44.6	39.5	39.5
5-6 AM	365	0.0	33	0.0	1500	365	0	33	0.46	0	65.7	61.2	44.0	39.3	39.3
6-7 AM	622	0.0	56	0.0	1500	622	0	56	0.48	0	65.2	60.6	43.0	39.1	39.1
7-8 AM	814	0.0	73	0.0	1500	814	0	73	0.50	0	64.9	60.1	42.4	38.8	38.8
8-9 AM	853	0.0	78	0.0	1500	853	0	78	0.51	0	64.8	60.1	42.2	38.8	38.8
9-10 AM	979	0.0	88	0.0	1500	979	0	88	0.52	0	64.6	59.7	41.7	38.6	38.6
10-11 AM	1044	0.0	95	0.0	1500	1044	0	95	0.52	0	64.5	59.6	41.5	38.6	38.6
11A-NOON	1023	0.0	93	0.0	1500	1023	0	93	0.52	0	64.5	59.6	41.6	38.6	38.6
NOON-1PM	1013	0.0	91	0.0	1500	1013	0	91	0.52	0	64.5	59.7	41.6	38.6	38.6
1-2 PM	1083	0.0	98	0.0	1500	1083	0	98	0.53	0	64.4	59.5	41.4	38.5	38.5
2-3 PM	1188	0.0	107	0.0	1500	1188	0	107	0.62	0	64.1	58.6	38.8	38.4	38.4
3-4 PM	1317	0.0	119	0.0	1500	1317	0	119	0.79	0	64.0	57.0	35.0	38.3	38.3
4-5 PM	1295	0.0	117	0.0	1500	1295	0	117	0.76	0	64.0	57.3	35.6	38.3	38.3
5-6 PM	1061	0.0	96	0.0	1500	1061	0	96	0.52	0	64.4	59.6	41.5	38.6	38.6
6-7 PM	913	0.0	83	0.0	1500	913	0	83	0.51	0	64.7	59.9	42.0	38.7	38.7
7-8 PM	699	0.0	63	0.0	1500	699	0	63	0.49	0	65.1	60.4	42.8	38.9	38.9
8-9 PM	580	0.0	52	0.0	1500	580	0	52	0.48	0	65.3	60.7	43.2	39.1	39.1
9-10 PM	513	0.0	47	0.0	1500	513	0	47	0.47	0	65.5	60.9	43.5	39.2	39.2
10-11 PM	424	0.0	38	0.0	1500	424	0	38	0.46	0	65.6	61.1	43.8	39.2	39.2
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	0.0186
MAIN ROUTE WITH WORKS	0.0175
DIVERSION	0.0166

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,873
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
MON-THUR EASTBOUND DIRECTION

