

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

SATURDAY 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	273	0.0	24	0.0	1500	273	0	24	0.45	0	65.9	61.5	44.4	39.4	39.4
1-2 AM	218	0.0	20	0.0	1500	218	0	20	0.44	0	66.0	61.6	44.6	39.5	39.5
2-3 AM	195	0.0	18	0.0	1500	195	0	18	0.44	0	66.0	61.7	44.7	39.5	39.5
3-4 AM	181	0.0	16	0.0	1500	181	0	16	0.44	0	66.1	61.7	44.8	39.6	39.6
4-5 AM	221	0.0	20	0.0	1500	221	0	20	0.44	0	66.0	61.6	44.6	39.5	39.5
5-6 AM	279	0.0	26	0.0	1500	279	0	26	0.45	0	65.9	61.5	44.3	39.4	39.4
6-7 AM	387	0.0	35	0.0	1500	387	0	35	0.46	0	65.6	61.2	44.0	39.3	39.3
7-8 AM	585	0.0	53	0.0	1500	585	0	53	0.48	0	65.3	60.7	43.2	39.1	39.1
8-9 AM	811	0.0	73	0.0	1500	811	0	73	0.50	0	64.9	60.2	42.4	38.8	38.8
9-10 AM	1051	0.0	95	0.0	1500	1051	0	95	0.52	0	64.4	59.6	41.5	38.6	38.6
10-11 AM	1245	0.0	113	0.0	1500	1245	0	113	0.69	0	64.1	57.8	37.1	38.3	38.3
11A-NOON	1274	0.0	115	0.0	1500	1274	0	115	0.73	0	64.0	57.5	36.2	38.3	38.3
NOON-1PM	1267	0.0	115	0.0	1500	1267	0	115	0.72	0	64.0	57.6	36.4	38.3	38.3
1-2 PM	1251	0.0	113	0.0	1500	1251	0	113	0.70	0	64.0	57.8	36.9	38.3	38.3
2-3 PM	1195	0.0	108	0.0	1500	1195	0	108	0.63	0	64.1	58.4	38.6	38.4	38.4
3-4 PM	1192	0.0	107	0.0	1500	1192	0	107	0.63	0	64.1	58.5	38.7	38.4	38.4
4-5 PM	1162	0.0	105	0.0	1500	1162	0	105	0.59	0	64.2	58.9	39.7	38.4	38.4
5-6 PM	1014	0.0	91	0.0	1500	1014	0	91	0.52	0	64.5	59.7	41.6	38.6	38.6
6-7 PM	874	0.0	79	0.0	1500	874	0	79	0.51	0	64.8	60.0	42.1	38.8	38.8
7-8 PM	748	0.0	68	0.0	1500	748	0	68	0.49	0	65.0	60.3	42.6	38.9	38.9
8-9 PM	693	0.0	63	0.0	1500	693	0	63	0.49	0	65.1	60.4	42.8	38.9	38.9
9-10 PM	574	0.0	52	0.0	1500	574	0	52	0.48	0	65.3	60.7	43.2	39.1	39.1
10-11 PM	434	0.0	39	0.0	1500	434	0	39	0.46	0	65.6	61.1	43.8	39.2	39.2
11PM-MID	261	0.0	23	0.0	1500	261	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	0.0191
MAIN ROUTE WITH WORKS	0.0179
DIVERSION	0.0170

PIA: Personal Injury Accidents

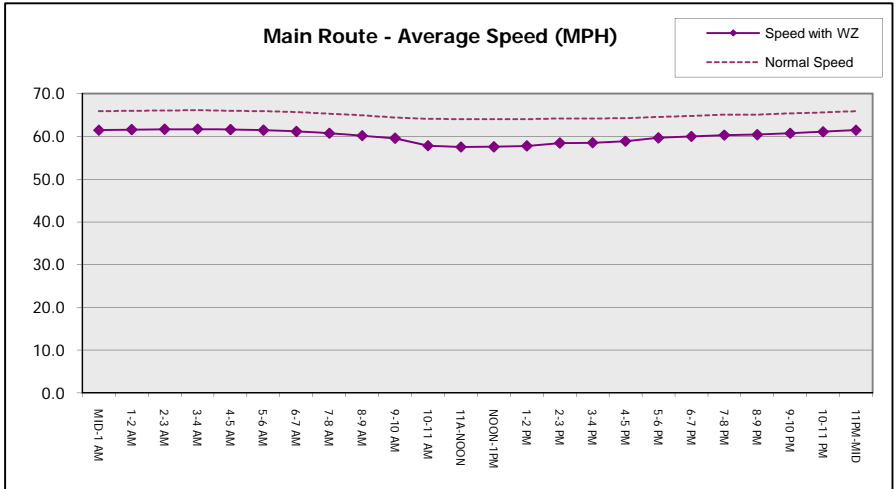
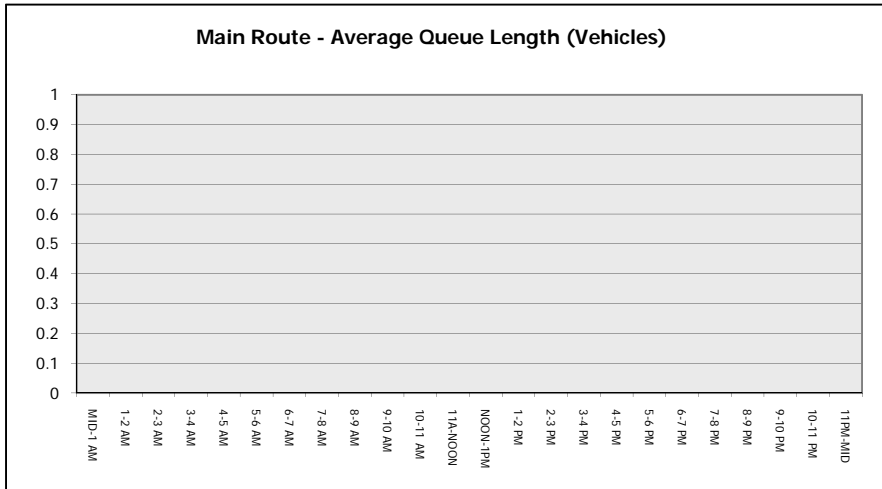
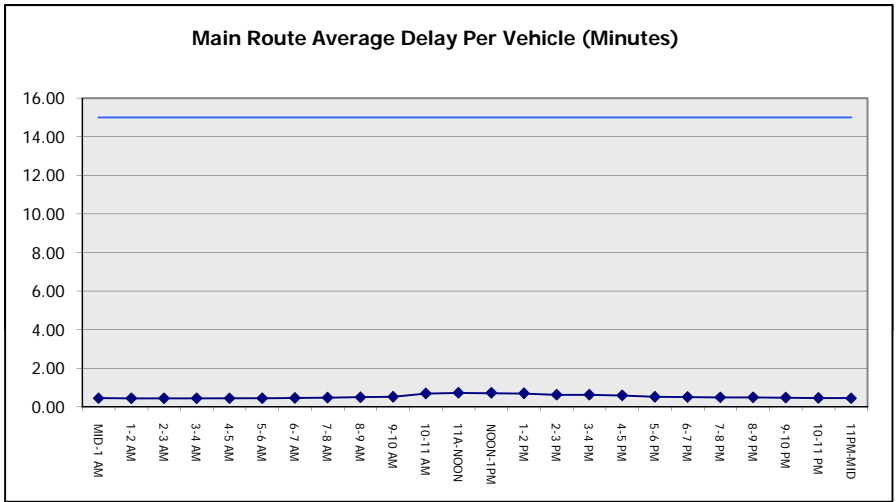
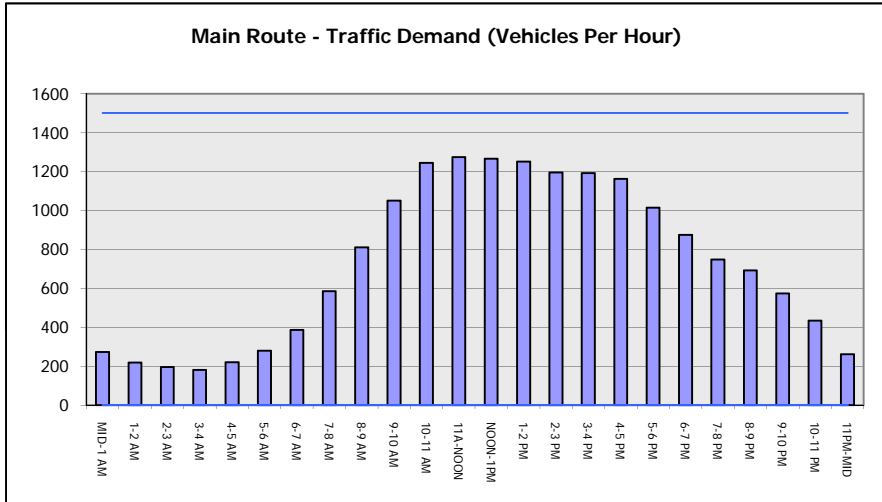
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,584
CONGESTED HOURS PER DAY*	0

*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
SATURDAY 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

SATURDAY 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	264	0.0	23	0.0	1500	264	0	23	0.45	0	65.9	61.5	44.4	39.4	39.4
1-2 AM	172	0.0	16	0.0	1500	172	0	16	0.44	0	66.1	61.7	44.8	39.6	39.6
2-3 AM	136	0.0	13	0.0	1500	136	0	13	0.44	0	66.1	61.9	45.0	39.6	39.6
3-4 AM	138	0.0	13	0.0	1500	138	0	13	0.44	0	66.1	61.8	45.0	39.6	39.6
4-5 AM	204	0.0	18	0.0	1500	204	0	18	0.44	0	66.0	61.7	44.6	39.5	39.5
5-6 AM	290	0.0	27	0.0	1500	290	0	27	0.45	0	65.8	61.4	44.3	39.4	39.4
6-7 AM	542	0.0	49	0.0	1500	542	0	49	0.48	0	65.4	60.8	43.3	39.1	39.1
7-8 AM	935	0.0	84	0.0	1500	935	0	84	0.51	0	64.6	59.9	41.9	38.7	38.7
8-9 AM	1196	0.0	108	0.0	1500	1196	0	108	0.63	0	64.1	58.4	38.6	38.4	38.4
9-10 AM	1434	0.0	130	0.0	1499	1434	0	130	0.94	0	63.7	55.6	32.2	38.1	38.1
10-11 AM	1503	0.0	136	0.0	1499	1503	0	136	1.09	1	63.6	54.5	30.8	38.1	38.1
11A-NOON	1427	0.0	129	0.0	1500	1427	0	129	0.93	0	63.7	55.7	32.4	38.1	38.1
NOON-1PM	1260	0.0	114	0.0	1500	1260	0	114	0.71	0	64.0	57.7	36.6	38.3	38.3
1-2 PM	1136	0.0	103	0.0	1500	1136	0	103	0.55	0	64.3	59.2	40.6	38.4	38.4
2-3 PM	1112	0.0	101	0.0	1500	1112	0	101	0.53	0	64.3	59.4	41.3	38.5	38.5
3-4 PM	1117	0.0	101	0.0	1500	1117	0	101	0.53	0	64.3	59.4	41.3	38.5	38.5
4-5 PM	1080	0.0	98	0.0	1500	1080	0	98	0.53	0	64.4	59.5	41.4	38.5	38.5
5-6 PM	927	0.0	84	0.0	1500	927	0	84	0.51	0	64.6	59.9	41.9	38.7	38.7
6-7 PM	803	0.0	72	0.0	1500	803	0	72	0.50	0	64.9	60.2	42.4	38.9	38.9
7-8 PM	685	0.0	62	0.0	1500	685	0	62	0.49	0	65.1	60.5	42.8	39.0	39.0
8-9 PM	547	0.0	49	0.0	1500	547	0	49	0.48	0	65.4	60.8	43.3	39.1	39.1
9-10 PM	510	0.0	46	0.0	1500	510	0	46	0.47	0	65.5	60.9	43.5	39.2	39.2
10-11 PM	390	0.0	35	0.0	1500	390	0	35	0.46	0	65.6	61.2	43.9	39.3	39.3
11PM-MID	264	0.0	23	0.0	1500	264	0	23	0.45	0	65.9	61.5	44.4	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	0.0198
MAIN ROUTE WITH WORKS	0.0186
DIVERSION	0.0177

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,987
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
SATURDAY EASTBOUND DIRECTION

