

**IH 94: USH 53 TO STH 21 (MONROE, JACKSON, TREMPEALEAU, EAU CLAIRE COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 121 - USH 53 - USH 10**

AUGUST
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	240	0.0	30	0.0	1500	240	0	30	0.45	0	66.0	62.9	44.5	34.5	34.5
1-2 AM	196	0.0	24	0.0	1500	196	0	24	0.44	0	66.0	63.0	44.7	34.5	34.5
2-3 AM	180	0.0	23	0.0	1500	180	0	23	0.44	0	66.1	63.0	44.8	34.5	34.5
3-4 AM	179	0.0	22	0.0	1500	179	0	22	0.44	0	66.1	63.0	44.8	34.5	34.5
4-5 AM	173	0.0	22	0.0	1500	173	0	22	0.44	0	66.1	63.1	44.8	34.5	34.5
5-6 AM	197	0.0	25	0.0	1500	197	0	25	0.44	0	66.0	63.0	44.7	34.5	34.5
6-7 AM	274	0.0	35	0.0	1500	274	0	35	0.45	0	65.9	62.8	44.4	34.4	34.4
7-8 AM	365	0.0	46	0.0	1500	365	0	46	0.46	0	65.7	62.6	44.0	34.3	34.3
8-9 AM	578	0.0	72	0.0	1500	578	0	72	0.48	0	65.3	62.2	43.2	34.0	34.0
9-10 AM	844	0.0	106	0.0	1500	844	0	106	0.50	0	64.8	61.5	42.2	33.6	33.6
10-11 AM	1040	0.0	131	0.0	1500	1040	0	131	0.52	0	64.5	61.1	41.5	33.3	33.3
11A-NOON	1120	0.0	140	0.0	1500	1120	0	140	0.53	0	64.3	60.9	41.2	33.2	33.2
NOON-1PM	1104	0.0	138	0.0	1500	1104	0	138	0.53	0	64.3	60.9	41.3	33.3	33.3
1-2 PM	1012	0.0	127	0.0	1500	1012	0	127	0.52	0	64.5	61.2	41.6	33.4	33.4
2-3 PM	999	0.0	126	0.0	1500	999	0	126	0.52	0	64.5	61.2	41.7	33.4	33.4
3-4 PM	922	0.0	116	0.0	1500	922	0	116	0.51	0	64.6	61.4	42.0	33.5	33.5
4-5 PM	863	0.0	108	0.0	1500	863	0	108	0.51	0	64.8	61.5	42.2	33.6	33.6
5-6 PM	746	0.0	93	0.0	1500	746	0	93	0.49	0	65.0	61.7	42.6	33.8	33.8
6-7 PM	628	0.0	78	0.0	1500	628	0	78	0.48	0	65.2	62.0	43.0	33.9	33.9
7-8 PM	523	0.0	66	0.0	1500	523	0	66	0.47	0	65.4	62.3	43.4	34.0	34.0
8-9 PM	469	0.0	59	0.0	1500	469	0	59	0.47	0	65.5	62.4	43.6	34.2	34.2
9-10 PM	375	0.0	47	0.0	1500	375	0	47	0.46	0	65.7	62.6	44.0	34.3	34.3
10-11 PM	272	0.0	35	0.0	1500	272	0	35	0.45	0	65.9	62.8	44.4	34.4	34.4
11PM-MID	214	0.0	27	0.0	1500	214	0	27	0.44	0	66.0	63.0	44.6	34.5	34.5

----- 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	0.0219
MAIN ROUTE WITH WORKS	0.0210
DIVERSION	0.0382

PIA: Personal Injury Accidents

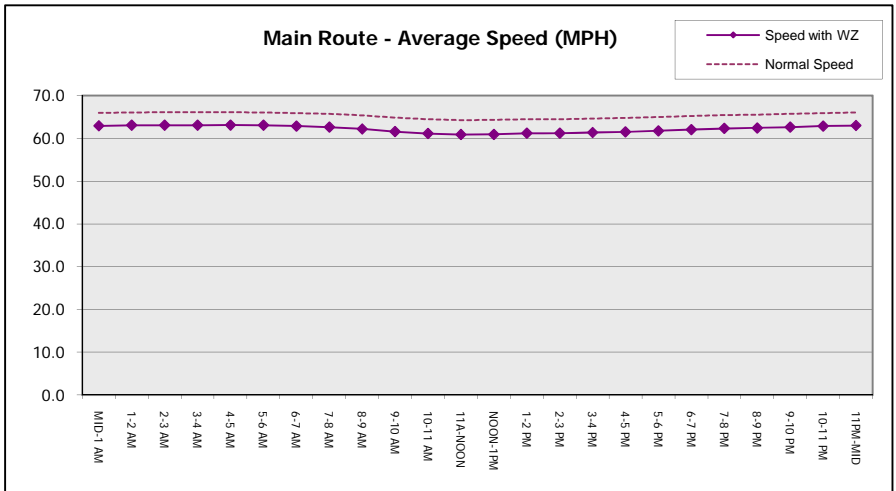
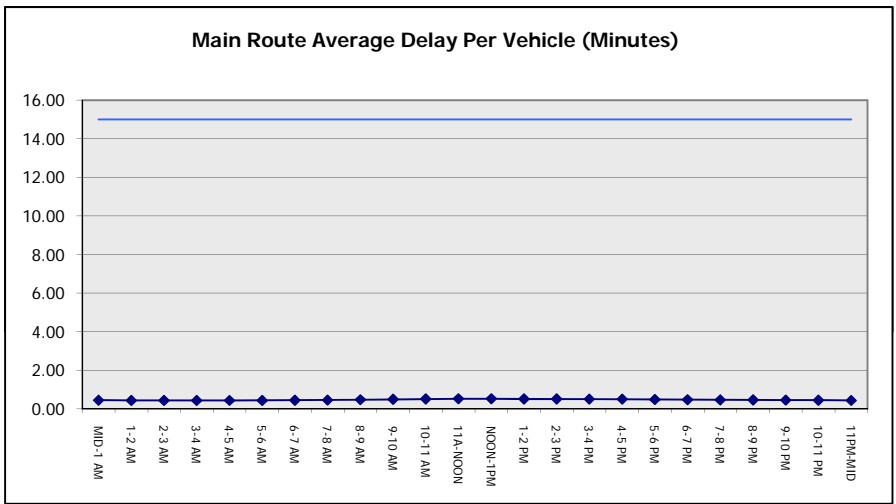
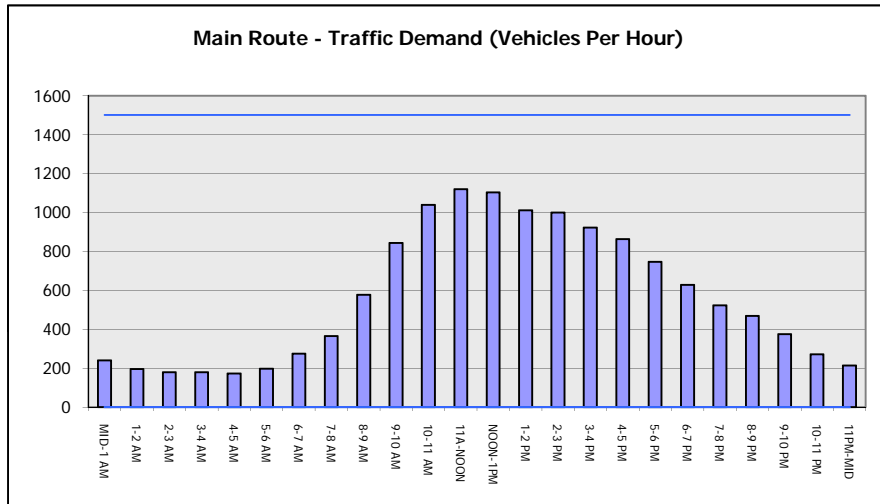
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,714
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 94: USH 53 TO STH 21 (MONROE, JACKSON, TREMPLEAU, EAU CLAIRE COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 121 - USH 53 - USH 10

AUGUST
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 94: USH 53 TO STH 21 (MONROE, JACKSON, TREMPLEAU, EAU CLAIRE COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 121 - USH 53 - USH 10	AUGUST
	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	196	0.0	24	0.0	1500	196	0	24	0.44	0	66.0	63.0	44.7	34.5	34.5
1-2 AM	157	0.0	20	0.0	1500	157	0	20	0.44	0	66.1	63.1	44.8	34.5	34.5
2-3 AM	138	0.0	17	0.0	1500	138	0	17	0.44	0	66.1	63.2	45.0	34.6	34.6
3-4 AM	104	0.0	13	0.0	1500	104	0	13	0.43	0	66.2	63.2	45.1	34.7	34.7
4-5 AM	112	0.0	14	0.0	1500	112	0	14	0.43	0	66.2	63.2	45.0	34.7	34.7
5-6 AM	163	0.0	20	0.0	1500	163	0	20	0.44	0	66.1	63.1	44.8	34.5	34.5
6-7 AM	284	0.0	36	0.0	1500	284	0	36	0.45	0	65.8	62.8	44.3	34.4	34.4
7-8 AM	503	0.0	63	0.0	1500	503	0	63	0.47	0	65.5	62.3	43.5	34.1	34.1
8-9 AM	811	0.0	102	0.0	1500	811	0	102	0.50	0	64.9	61.6	42.4	33.7	33.7
9-10 AM	1147	0.0	143	0.0	1500	1147	0	143	0.57	0	64.3	60.6	40.2	33.2	33.2
10-11 AM	1323	0.0	166	0.0	1500	1323	0	166	0.80	0	63.9	59.0	34.9	33.0	33.0
11A-NOON	1350	0.0	170	0.0	1500	1350	0	170	0.83	0	63.8	58.7	34.2	32.9	32.9
NOON-1PM	1190	0.0	150	0.0	1500	1190	0	150	0.62	0	64.1	60.2	38.8	33.2	33.2
1-2 PM	1118	0.0	140	0.0	1500	1118	0	140	0.53	0	64.3	60.9	41.3	33.2	33.2
2-3 PM	1051	0.0	132	0.0	1500	1051	0	132	0.52	0	64.4	61.0	41.5	33.3	33.3
3-4 PM	963	0.0	120	0.0	1500	963	0	120	0.52	0	64.6	61.2	41.8	33.5	33.5
4-5 PM	850	0.0	107	0.0	1500	850	0	107	0.50	0	64.8	61.5	42.2	33.6	33.6
5-6 PM	722	0.0	90	0.0	1500	722	0	90	0.49	0	65.0	61.8	42.7	33.8	33.8
6-7 PM	597	0.0	75	0.0	1500	597	0	75	0.48	0	65.3	62.1	43.2	34.0	34.0
7-8 PM	505	0.0	64	0.0	1500	505	0	64	0.47	0	65.5	62.3	43.5	34.1	34.1
8-9 PM	384	0.0	48	0.0	1500	384	0	48	0.46	0	65.6	62.6	44.0	34.3	34.3
9-10 PM	305	0.0	39	0.0	1500	305	0	39	0.45	0	65.8	62.8	44.3	34.3	34.3
10-11 PM	251	0.0	31	0.0	1500	251	0	31	0.45	0	65.9	62.9	44.5	34.4	34.4
11PM-MID	159	0.0	20	0.0	1500	159	0	20	0.44	0	66.1	63.1	44.8	34.5	34.5

----- 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	0.0234
MAIN ROUTE WITH WORKS	0.0224
DIVERSION	0.0406

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,087
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 121 - USH 53 - USH 10**

AUGUST
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

