

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	OCTOBER
	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	198	0.0	25	0.0	1500	198	0	25	0.44	0	66.0	63.0	44.7	34.5	34.5
1-2 AM	168	0.0	21	0.0	1500	168	0	21	0.44	0	66.1	63.1	44.8	34.5	34.5
2-3 AM	141	0.0	18	0.0	1500	141	0	18	0.44	0	66.1	63.2	44.9	34.6	34.6
3-4 AM	139	0.0	18	0.0	1500	139	0	18	0.44	0	66.1	63.2	45.0	34.6	34.6
4-5 AM	144	0.0	18	0.0	1500	144	0	18	0.44	0	66.1	63.2	44.9	34.6	34.6
5-6 AM	169	0.0	21	0.0	1500	169	0	21	0.44	0	66.1	63.1	44.8	34.5	34.5
6-7 AM	212	0.0	26	0.0	1500	212	0	26	0.44	0	66.0	63.0	44.6	34.5	34.5
7-8 AM	311	0.0	39	0.0	1500	311	0	39	0.45	0	65.8	62.7	44.2	34.3	34.3
8-9 AM	430	0.0	54	0.0	1500	430	0	54	0.46	0	65.6	62.5	43.8	34.2	34.2
9-10 AM	609	0.0	76	0.0	1500	609	0	76	0.48	0	65.3	62.0	43.1	34.0	34.0
10-11 AM	731	0.0	92	0.0	1500	731	0	92	0.49	0	65.0	61.8	42.7	33.8	33.8
11A-NOON	727	0.0	91	0.0	1500	727	0	91	0.49	0	65.0	61.8	42.7	33.8	33.8
NOON-1PM	747	0.0	94	0.0	1500	747	0	94	0.49	0	65.0	61.7	42.6	33.7	33.7
1-2 PM	708	0.0	89	0.0	1500	708	0	89	0.49	0	65.1	61.9	42.7	33.8	33.8
2-3 PM	662	0.0	83	0.0	1500	662	0	83	0.49	0	65.1	61.9	42.9	33.8	33.8
3-4 PM	637	0.0	80	0.0	1500	637	0	80	0.48	0	65.2	62.0	43.0	33.9	33.9
4-5 PM	616	0.0	77	0.0	1500	616	0	77	0.48	0	65.3	62.0	43.1	33.9	33.9
5-6 PM	583	0.0	73	0.0	1500	583	0	73	0.48	0	65.3	62.1	43.2	34.0	34.0
6-7 PM	550	0.0	69	0.0	1500	550	0	69	0.48	0	65.4	62.2	43.3	34.0	34.0
7-8 PM	476	0.0	60	0.0	1500	476	0	60	0.47	0	65.5	62.3	43.6	34.1	34.1
8-9 PM	410	0.0	51	0.0	1500	410	0	51	0.46	0	65.6	62.5	43.8	34.2	34.2
9-10 PM	312	0.0	39	0.0	1500	312	0	39	0.45	0	65.8	62.7	44.2	34.3	34.3
10-11 PM	232	0.0	29	0.0	1500	232	0	29	0.44	0	66.0	62.9	44.5	34.5	34.5
11PM-MID	160	0.0	20	0.0	1500	160	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 (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	0.0163
MAIN ROUTE WITH WORKS	0.0157
DIVERSION	0.0285

PIA: Personal Injury Accidents

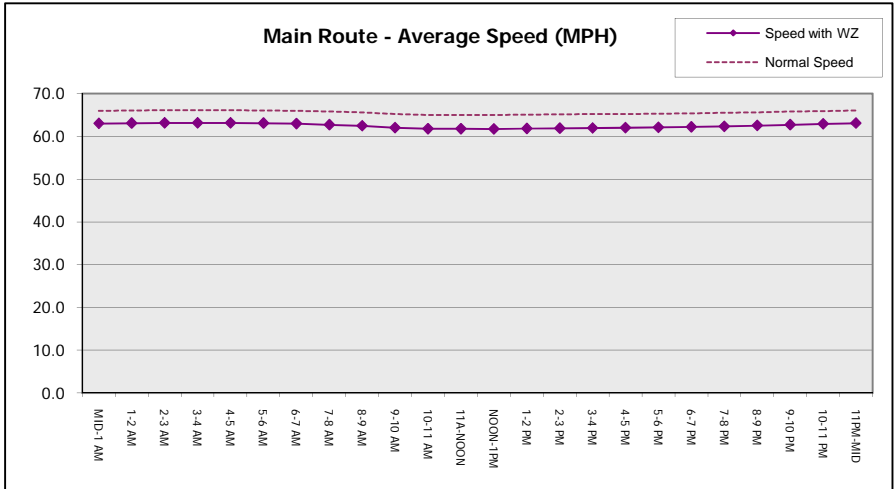
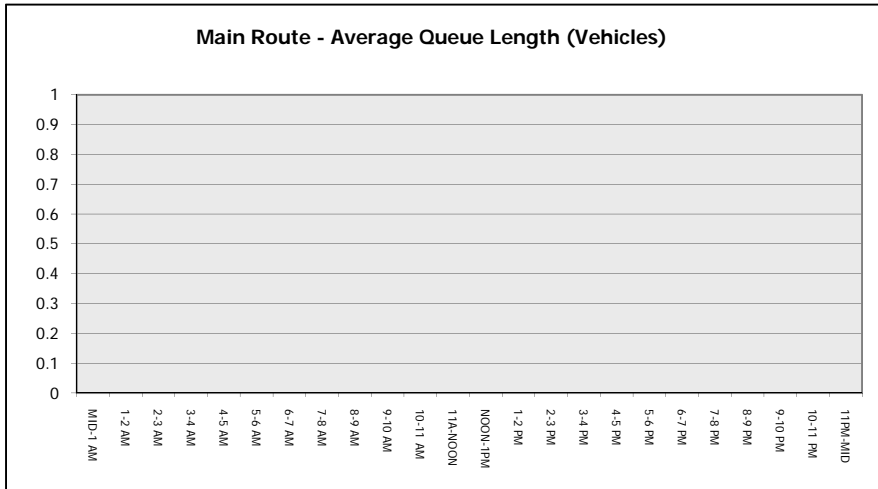
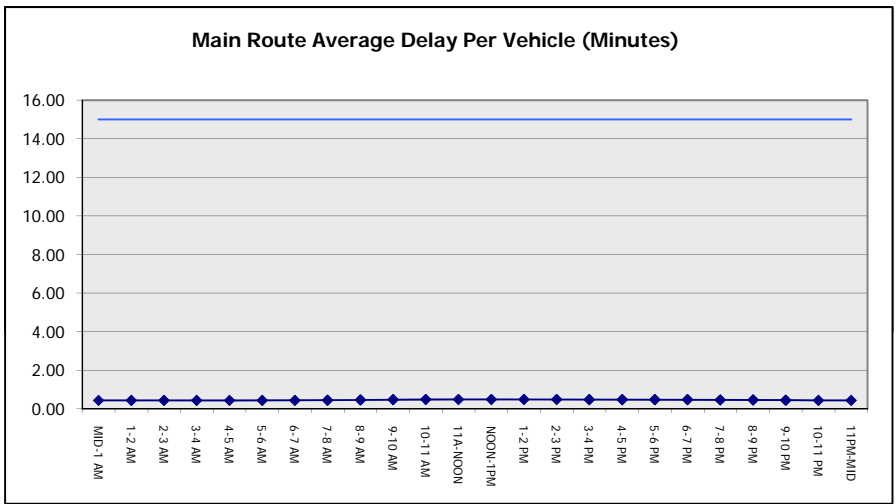
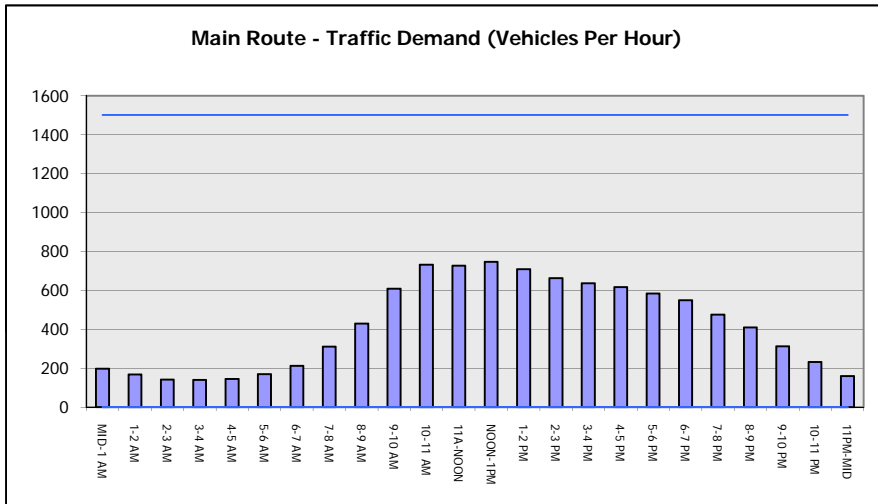
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,195
CONGESTED HOURS PER DAY*	0

*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

OCTOBER
 Analyzed for 2009
 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	OCTOBER
	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	168	0.0	21	0.0	1500	168	0	21	0.44	0	66.1	63.1	44.8	34.5	34.5
1-2 AM	141	0.0	18	0.0	1500	141	0	18	0.44	0	66.1	63.2	44.9	34.6	34.6
2-3 AM	106	0.0	14	0.0	1500	106	0	14	0.43	0	66.2	63.2	45.1	34.7	34.7
3-4 AM	71	0.0	9	0.0	1500	71	0	9	0.43	0	66.3	63.3	45.2	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	164	0.0	21	0.0	1500	164	0	21	0.44	0	66.1	63.1	44.8	34.5	34.5
6-7 AM	289	0.0	37	0.0	1500	289	0	37	0.45	0	65.8	62.8	44.3	34.4	34.4
7-8 AM	400	0.0	50	0.0	1500	400	0	50	0.46	0	65.6	62.5	43.9	34.2	34.2
8-9 AM	553	0.0	69	0.0	1500	553	0	69	0.48	0	65.3	62.2	43.3	34.0	34.0
9-10 AM	688	0.0	86	0.0	1500	688	0	86	0.49	0	65.1	61.9	42.8	33.8	33.8
10-11 AM	764	0.0	96	0.0	1500	764	0	96	0.50	0	65.0	61.7	42.5	33.7	33.7
11A-NOON	777	0.0	97	0.0	1500	777	0	97	0.50	0	65.0	61.7	42.5	33.7	33.7
NOON-1PM	744	0.0	93	0.0	1500	744	0	93	0.49	0	65.0	61.7	42.6	33.8	33.8
1-2 PM	711	0.0	89	0.0	1500	711	0	89	0.49	0	65.1	61.9	42.7	33.8	33.8
2-3 PM	662	0.0	83	0.0	1500	662	0	83	0.49	0	65.1	61.9	42.9	33.8	33.8
3-4 PM	675	0.0	85	0.0	1500	675	0	85	0.49	0	65.1	61.9	42.8	33.8	33.8
4-5 PM	604	0.0	75	0.0	1500	604	0	75	0.48	0	65.3	62.1	43.1	34.0	34.0
5-6 PM	584	0.0	73	0.0	1500	584	0	73	0.48	0	65.3	62.1	43.2	34.0	34.0
6-7 PM	441	0.0	55	0.0	1500	441	0	55	0.47	0	65.6	62.5	43.7	34.2	34.2
7-8 PM	395	0.0	49	0.0	1500	395	0	49	0.46	0	65.6	62.5	43.9	34.2	34.2
8-9 PM	315	0.0	40	0.0	1500	315	0	40	0.45	0	65.8	62.7	44.2	34.3	34.3
9-10 PM	244	0.0	30	0.0	1500	244	0	30	0.45	0	66.0	62.9	44.5	34.5	34.5
10-11 PM	180	0.0	23	0.0	1500	180	0	23	0.44	0	66.1	63.0	44.8	34.5	34.5
11PM-MID	138	0.0	18	0.0	1500	138	0	18	0.44	0	66.1	63.2	45.0	34.6	34.6

----- 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	0.0161
MAIN ROUTE WITH WORKS	0.0155
DIVERSION	0.0281

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,188
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**

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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

