

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

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	161	0.0	20	0.0	1500	161	0	20	0.44	0	66.1	63.1	44.8	34.5	34.5
1-2 AM	154	0.0	19	0.0	1500	154	0	19	0.44	0	66.1	63.1	44.8	34.6	34.6
2-3 AM	154	0.0	20	0.0	1500	154	0	20	0.44	0	66.1	63.1	44.8	34.5	34.5
3-4 AM	168	0.0	21	0.0	1500	168	0	21	0.44	0	66.1	63.1	44.8	34.5	34.5
4-5 AM	192	0.0	24	0.0	1500	192	0	24	0.44	0	66.0	63.0	44.7	34.5	34.5
5-6 AM	239	0.0	30	0.0	1500	239	0	30	0.45	0	66.0	62.9	44.5	34.5	34.5
6-7 AM	288	0.0	37	0.0	1500	288	0	37	0.45	0	65.8	62.8	44.3	34.4	34.4
7-8 AM	371	0.0	47	0.0	1500	371	0	47	0.46	0	65.7	62.6	44.0	34.3	34.3
8-9 AM	440	0.0	55	0.0	1500	440	0	55	0.47	0	65.6	62.5	43.7	34.2	34.2
9-10 AM	526	0.0	66	0.0	1500	526	0	66	0.47	0	65.4	62.2	43.4	34.0	34.0
10-11 AM	559	0.0	70	0.0	1500	559	0	70	0.48	0	65.3	62.2	43.3	34.0	34.0
11A-NOON	562	0.0	70	0.0	1500	562	0	70	0.48	0	65.3	62.2	43.3	34.0	34.0
NOON-1PM	577	0.0	72	0.0	1500	577	0	72	0.48	0	65.3	62.2	43.2	34.0	34.0
1-2 PM	612	0.0	76	0.0	1500	612	0	76	0.48	0	65.3	62.0	43.1	34.0	34.0
2-3 PM	643	0.0	81	0.0	1500	643	0	81	0.48	0	65.2	62.0	43.0	33.9	33.9
3-4 PM	705	0.0	89	0.0	1500	705	0	89	0.49	0	65.1	61.9	42.7	33.8	33.8
4-5 PM	697	0.0	87	0.0	1500	697	0	87	0.49	0	65.1	61.9	42.8	33.8	33.8
5-6 PM	624	0.0	79	0.0	1500	624	0	79	0.48	0	65.2	62.0	43.0	33.9	33.9
6-7 PM	542	0.0	68	0.0	1500	542	0	68	0.48	0	65.4	62.2	43.3	34.0	34.0
7-8 PM	474	0.0	59	0.0	1500	474	0	59	0.47	0	65.5	62.3	43.6	34.2	34.2
8-9 PM	396	0.0	49	0.0	1500	396	0	49	0.46	0	65.6	62.5	43.9	34.2	34.2
9-10 PM	303	0.0	38	0.0	1500	303	0	38	0.45	0	65.8	62.8	44.3	34.3	34.3
10-11 PM	245	0.0	30	0.0	1500	245	0	30	0.45	0	66.0	62.9	44.5	34.5	34.5
11PM-MID	170	0.0	21	0.0	1500	170	0	21	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	0.0159
MAIN ROUTE WITH WORKS	0.0153
DIVERSION	0.0277

PIA: Personal Injury Accidents

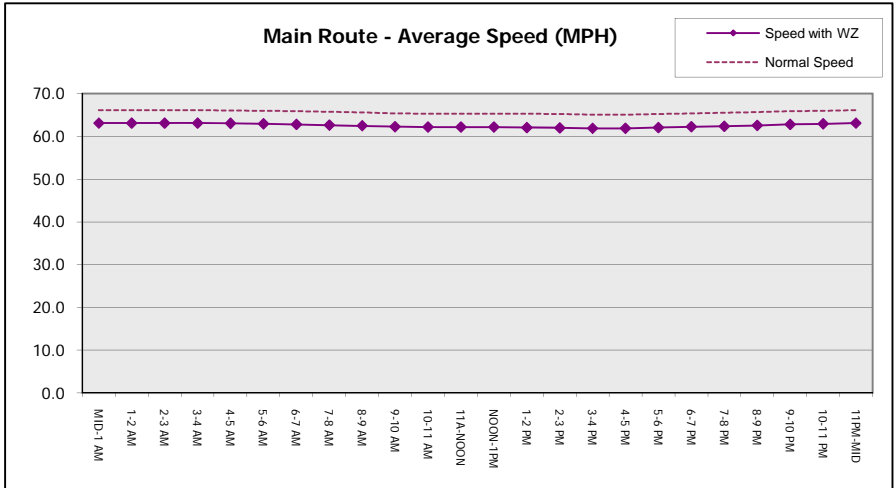
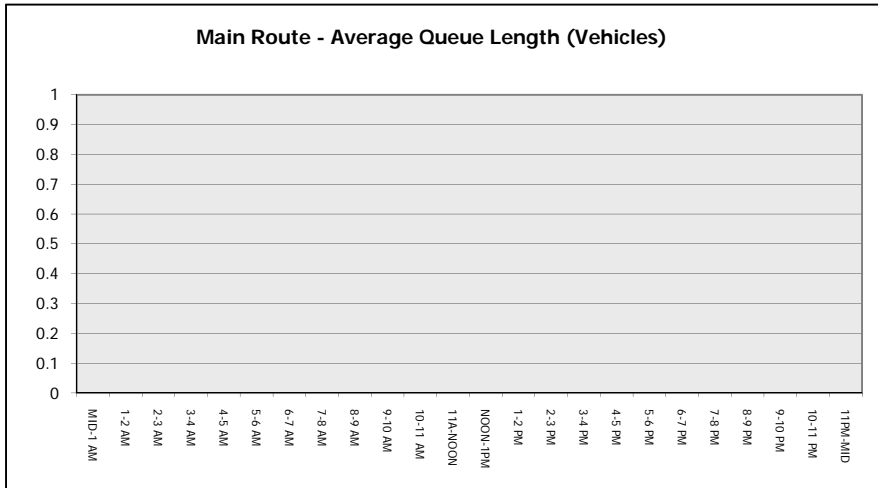
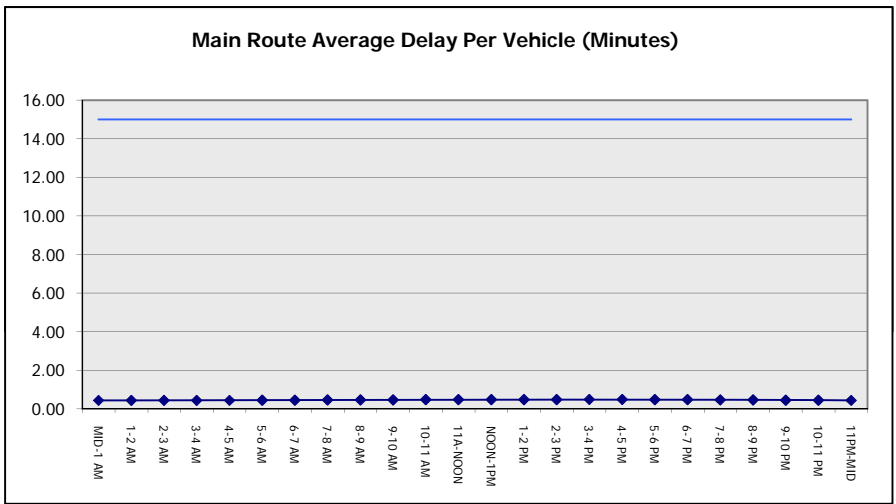
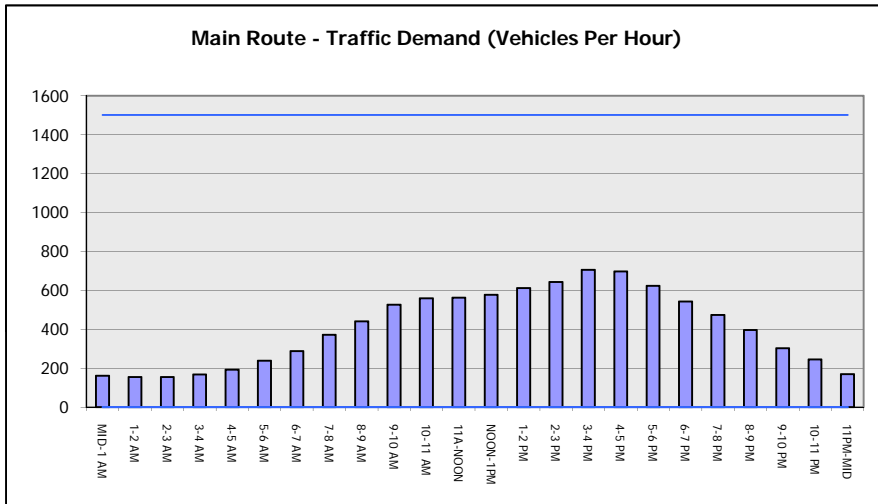
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$925
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR 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

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	132	0.0	17	0.0	1500	132	0	17	0.44	0	66.1	63.2	45.0	34.6	34.6
1-2 AM	112	0.0	14	0.0	1500	112	0	14	0.43	0	66.2	63.2	45.0	34.7	34.7
2-3 AM	93	0.0	12	0.0	1500	93	0	12	0.43	0	66.2	63.3	45.1	34.7	34.7
3-4 AM	94	0.0	12	0.0	1500	94	0	12	0.43	0	66.2	63.3	45.1	34.7	34.7
4-5 AM	125	0.0	16	0.0	1500	125	0	16	0.43	0	66.1	63.2	45.0	34.6	34.6
5-6 AM	204	0.0	25	0.0	1500	204	0	25	0.44	0	66.0	63.0	44.6	34.5	34.5
6-7 AM	319	0.0	40	0.0	1500	319	0	40	0.45	0	65.8	62.7	44.2	34.3	34.3
7-8 AM	414	0.0	52	0.0	1500	414	0	52	0.46	0	65.6	62.5	43.8	34.2	34.2
8-9 AM	490	0.0	62	0.0	1500	490	0	62	0.47	0	65.5	62.3	43.5	34.1	34.1
9-10 AM	540	0.0	68	0.0	1500	540	0	68	0.47	0	65.4	62.2	43.3	34.0	34.0
10-11 AM	653	0.0	82	0.0	1500	653	0	82	0.49	0	65.1	62.0	42.9	33.9	33.9
11A-NOON	703	0.0	88	0.0	1500	703	0	88	0.49	0	65.1	61.9	42.7	33.8	33.8
NOON-1PM	695	0.0	87	0.0	1500	695	0	87	0.49	0	65.1	61.9	42.8	33.8	33.8
1-2 PM	735	0.0	92	0.0	1500	735	0	92	0.49	0	65.0	61.8	42.6	33.8	33.8
2-3 PM	761	0.0	95	0.0	1500	761	0	95	0.50	0	65.0	61.7	42.5	33.7	33.7
3-4 PM	753	0.0	94	0.0	1500	753	0	94	0.50	0	65.0	61.7	42.5	33.7	33.7
4-5 PM	692	0.0	87	0.0	1500	692	0	87	0.49	0	65.1	61.9	42.8	33.8	33.8
5-6 PM	608	0.0	76	0.0	1500	608	0	76	0.48	0	65.3	62.0	43.1	34.0	34.0
6-7 PM	486	0.0	61	0.0	1500	486	0	61	0.47	0	65.5	62.3	43.5	34.1	34.1
7-8 PM	430	0.0	53	0.0	1500	430	0	53	0.46	0	65.6	62.5	43.8	34.2	34.2
8-9 PM	371	0.0	46	0.0	1500	371	0	46	0.46	0	65.7	62.6	44.0	34.3	34.3
9-10 PM	294	0.0	37	0.0	1500	294	0	37	0.45	0	65.8	62.8	44.3	34.4	34.4
10-11 PM	244	0.0	30	0.0	1500	244	0	30	0.45	0	66.0	62.9	44.5	34.5	34.5
11PM-MID	177	0.0	22	0.0	1500	177	0	22	0.44	0	66.1	63.0	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
	#VALUE!

----- 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
	#VALUE!

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0164
MAIN ROUTE WITH WORKS	0.0158
DIVERSION	0.0286

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$965
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 DIVERSION ROUTE: STH 121 - USH 53 - USH 10**

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MON-THUR EASTBOUND DIRECTION

