

**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**

**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	257	0.0	32	0.0	1500	257	0	32	0.45	0	65.9	62.8	44.5	34.4	34.4
1-2 AM	199	0.0	25	0.0	1500	199	0	25	0.44	0	66.0	63.0	44.7	34.5	34.5
2-3 AM	165	0.0	21	0.0	1500	165	0	21	0.44	0	66.1	63.1	44.8	34.5	34.5
3-4 AM	163	0.0	20	0.0	1500	163	0	20	0.44	0	66.1	63.1	44.8	34.5	34.5
4-5 AM	161	0.0	20	0.0	1500	161	0	20	0.44	0	66.1	63.1	44.8	34.5	34.5
5-6 AM	199	0.0	25	0.0	1500	199	0	25	0.44	0	66.0	63.0	44.7	34.5	34.5
6-7 AM	258	0.0	32	0.0	1500	258	0	32	0.45	0	65.9	62.8	44.5	34.4	34.4
7-8 AM	416	0.0	52	0.0	1500	416	0	52	0.46	0	65.6	62.5	43.8	34.2	34.2
8-9 AM	628	0.0	78	0.0	1500	628	0	78	0.48	0	65.2	62.0	43.0	33.9	33.9
9-10 AM	846	0.0	106	0.0	1500	846	0	106	0.50	0	64.8	61.5	42.2	33.6	33.6
10-11 AM	970	0.0	121	0.0	1500	970	0	121	0.52	0	64.6	61.2	41.8	33.5	33.5
11A-NOON	967	0.0	121	0.0	1500	967	0	121	0.52	0	64.6	61.2	41.8	33.5	33.5
NOON-1PM	880	0.0	110	0.0	1500	880	0	110	0.51	0	64.8	61.4	42.1	33.6	33.6
1-2 PM	804	0.0	100	0.0	1500	804	0	100	0.50	0	64.9	61.6	42.4	33.7	33.7
2-3 PM	762	0.0	95	0.0	1500	762	0	95	0.50	0	65.0	61.7	42.5	33.7	33.7
3-4 PM	717	0.0	90	0.0	1500	717	0	90	0.49	0	65.1	61.8	42.7	33.8	33.8
4-5 PM	668	0.0	84	0.0	1500	668	0	84	0.49	0	65.1	61.9	42.8	33.8	33.8
5-6 PM	582	0.0	73	0.0	1500	582	0	73	0.48	0	65.3	62.1	43.2	34.0	34.0
6-7 PM	508	0.0	64	0.0	1500	508	0	64	0.47	0	65.5	62.3	43.5	34.1	34.1
7-8 PM	475	0.0	60	0.0	1500	475	0	60	0.47	0	65.5	62.3	43.6	34.1	34.1
8-9 PM	383	0.0	48	0.0	1500	383	0	48	0.46	0	65.7	62.6	44.0	34.3	34.3
9-10 PM	297	0.0	38	0.0	1500	297	0	38	0.45	0	65.8	62.8	44.3	34.3	34.3
10-11 PM	225	0.0	28	0.0	1500	225	0	28	0.44	0	66.0	63.0	44.6	34.5	34.5
11PM-MID	174	0.0	22	0.0	1500	174	0	22	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	0.0190
MAIN ROUTE WITH WORKS	0.0182
DIVERSION	0.0331

PIA: Personal Injury Accidents

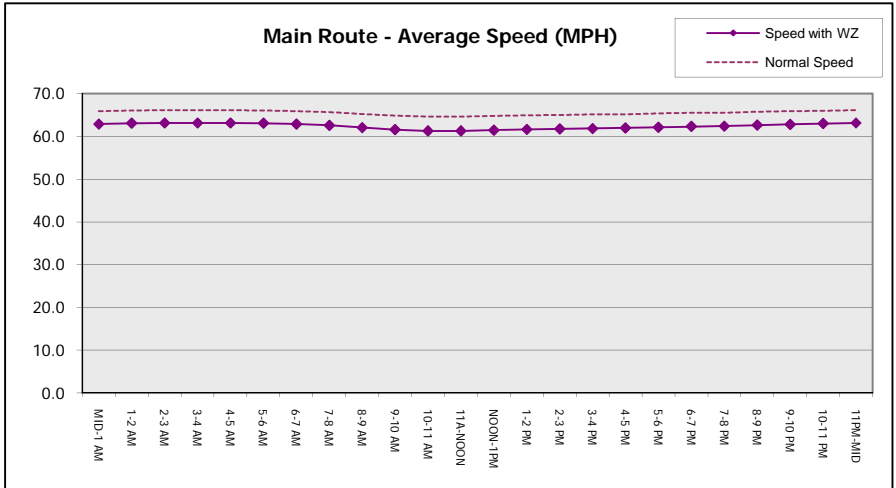
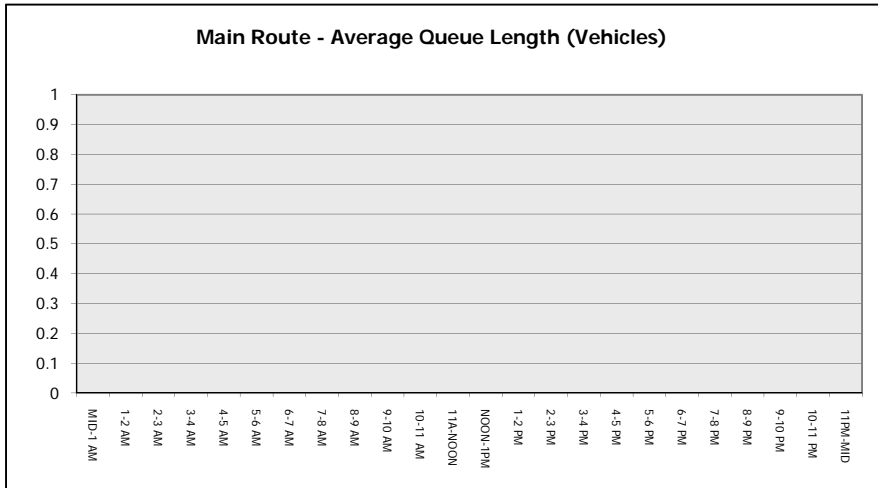
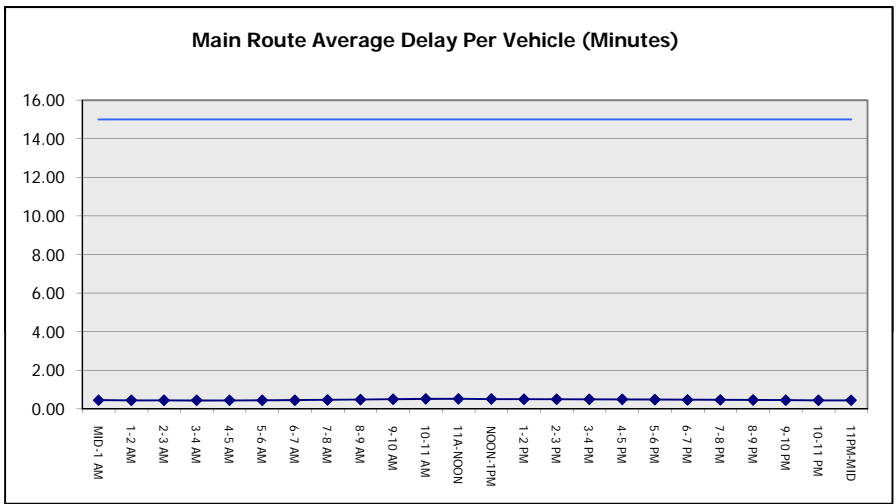
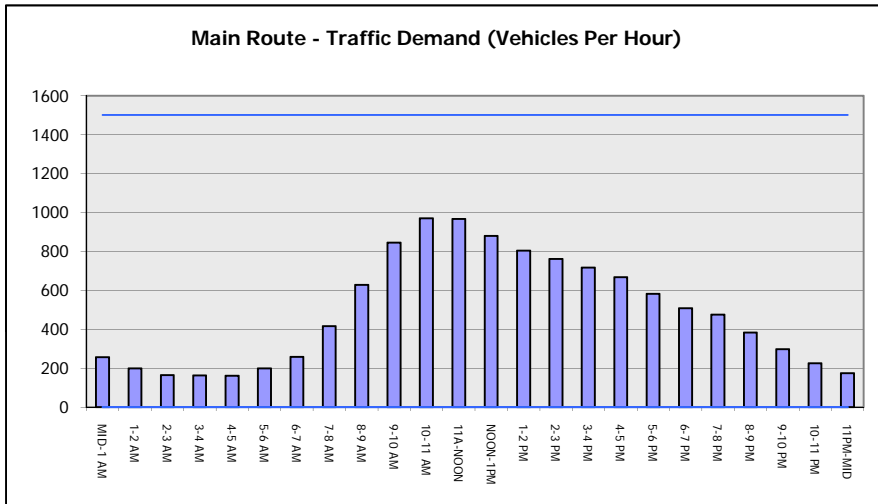
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,428
CONGESTED HOURS PER DAY*	0

\*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**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY WESTBOUND DIRECTION**



<b>IH 94: USH 53 TO STH 21 (MONROE, JACKSON, TREMPLEAU, EAU CLAIRE COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 121 - USH 53 - USH 10</b>	<b>MAY</b>
	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	175	0.0	22	0.0	1500	175	0	22	0.44	0	66.1	63.1	44.8	34.5	34.5
1-2 AM	131	0.0	17	0.0	1500	131	0	17	0.44	0	66.1	63.2	45.0	34.6	34.6
2-3 AM	97	0.0	13	0.0	1500	97	0	13	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	91	0.0	12	0.0	1500	91	0	12	0.43	0	66.2	63.3	45.1	34.7	34.7
5-6 AM	172	0.0	22	0.0	1500	172	0	22	0.44	0	66.1	63.1	44.8	34.5	34.5
6-7 AM	295	0.0	37	0.0	1500	295	0	37	0.45	0	65.8	62.8	44.3	34.4	34.4
7-8 AM	470	0.0	59	0.0	1500	470	0	59	0.47	0	65.5	62.4	43.6	34.2	34.2
8-9 AM	738	0.0	93	0.0	1500	738	0	93	0.49	0	65.0	61.8	42.6	33.8	33.8
9-10 AM	923	0.0	116	0.0	1500	923	0	116	0.51	0	64.6	61.4	41.9	33.5	33.5
10-11 AM	1018	0.0	128	0.0	1500	1018	0	128	0.52	0	64.5	61.1	41.6	33.3	33.3
11A-NOON	970	0.0	121	0.0	1500	970	0	121	0.52	0	64.6	61.2	41.8	33.5	33.5
NOON-1PM	863	0.0	108	0.0	1500	863	0	108	0.51	0	64.8	61.5	42.2	33.6	33.6
1-2 PM	826	0.0	104	0.0	1500	826	0	104	0.50	0	64.8	61.5	42.3	33.7	33.7
2-3 PM	751	0.0	94	0.0	1500	751	0	94	0.50	0	65.0	61.7	42.6	33.7	33.7
3-4 PM	720	0.0	90	0.0	1500	720	0	90	0.49	0	65.0	61.8	42.7	33.8	33.8
4-5 PM	630	0.0	80	0.0	1500	630	0	80	0.48	0	65.2	62.0	43.0	33.9	33.9
5-6 PM	558	0.0	70	0.0	1500	558	0	70	0.48	0	65.3	62.2	43.3	34.0	34.0
6-7 PM	485	0.0	61	0.0	1500	485	0	61	0.47	0	65.5	62.3	43.6	34.1	34.1
7-8 PM	403	0.0	50	0.0	1500	403	0	50	0.46	0	65.6	62.5	43.9	34.2	34.2
8-9 PM	325	0.0	41	0.0	1500	325	0	41	0.45	0	65.8	62.7	44.2	34.3	34.3
9-10 PM	245	0.0	30	0.0	1500	245	0	30	0.45	0	66.0	62.9	44.5	34.5	34.5
10-11 PM	187	0.0	23	0.0	1500	187	0	23	0.44	0	66.0	63.0	44.7	34.5	34.5
11PM-MID	126	0.0	16	0.0	1500	126	0	16	0.43	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	0.0183
MAIN ROUTE WITH WORKS	0.0176
DIVERSION	0.0319

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$1,385
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**

**MAY**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SATURDAY EASTBOUND DIRECTION**

