

**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
FRIDAY 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	211	0.0	26	0.0	1500	211	0	26	0.44	0	66.0	63.0	44.6	34.5	34.5
1-2 AM	189	0.0	24	0.0	1500	189	0	24	0.44	0	66.0	63.0	44.7	34.5	34.5
2-3 AM	197	0.0	25	0.0	1500	197	0	25	0.44	0	66.0	63.0	44.7	34.5	34.5
3-4 AM	197	0.0	25	0.0	1500	197	0	25	0.44	0	66.0	63.0	44.7	34.5	34.5
4-5 AM	201	0.0	25	0.0	1500	201	0	25	0.44	0	66.0	63.0	44.6	34.5	34.5
5-6 AM	243	0.0	30	0.0	1500	243	0	30	0.45	0	66.0	62.9	44.5	34.5	34.5
6-7 AM	304	0.0	38	0.0	1500	304	0	38	0.45	0	65.8	62.8	44.3	34.3	34.3
7-8 AM	410	0.0	51	0.0	1500	410	0	51	0.46	0	65.6	62.5	43.8	34.2	34.2
8-9 AM	504	0.0	63	0.0	1500	504	0	63	0.47	0	65.5	62.3	43.5	34.1	34.1
9-10 AM	645	0.0	81	0.0	1500	645	0	81	0.48	0	65.2	62.0	43.0	33.9	33.9
10-11 AM	750	0.0	94	0.0	1500	750	0	94	0.50	0	65.0	61.7	42.6	33.7	33.7
11A-NOON	833	0.0	105	0.0	1500	833	0	105	0.50	0	64.8	61.5	42.3	33.7	33.7
NOON-1PM	915	0.0	115	0.0	1500	915	0	115	0.51	0	64.7	61.4	42.0	33.5	33.5
1-2 PM	1019	0.0	128	0.0	1500	1019	0	128	0.52	0	64.5	61.1	41.6	33.3	33.3
2-3 PM	1088	0.0	136	0.0	1500	1088	0	136	0.53	0	64.3	61.0	41.4	33.3	33.3
3-4 PM	1160	0.0	146	0.0	1500	1160	0	146	0.58	0	64.2	60.5	39.7	33.2	33.2
4-5 PM	1097	0.0	137	0.0	1500	1097	0	137	0.53	0	64.3	61.0	41.4	33.3	33.3
5-6 PM	1028	0.0	129	0.0	1500	1028	0	129	0.52	0	64.5	61.1	41.6	33.3	33.3
6-7 PM	902	0.0	113	0.0	1500	902	0	113	0.51	0	64.7	61.4	42.0	33.5	33.5
7-8 PM	1004	0.0	126	0.0	1500	1004	0	126	0.52	0	64.5	61.2	41.7	33.4	33.4
8-9 PM	714	0.0	90	0.0	1500	714	0	90	0.49	0	65.1	61.9	42.7	33.8	33.8
9-10 PM	557	0.0	70	0.0	1500	557	0	70	0.48	0	65.3	62.2	43.3	34.0	34.0
10-11 PM	402	0.0	50	0.0	1500	402	0	50	0.46	0	65.6	62.5	43.9	34.2	34.2
11PM-MID	259	0.0	32	0.0	1500	259	0	32	0.45	0	65.9	62.8	44.5	34.4	34.4

----- 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	0.0241
MAIN ROUTE WITH WORKS	0.0231
DIVERSION	0.0419

PIA: Personal Injury Accidents

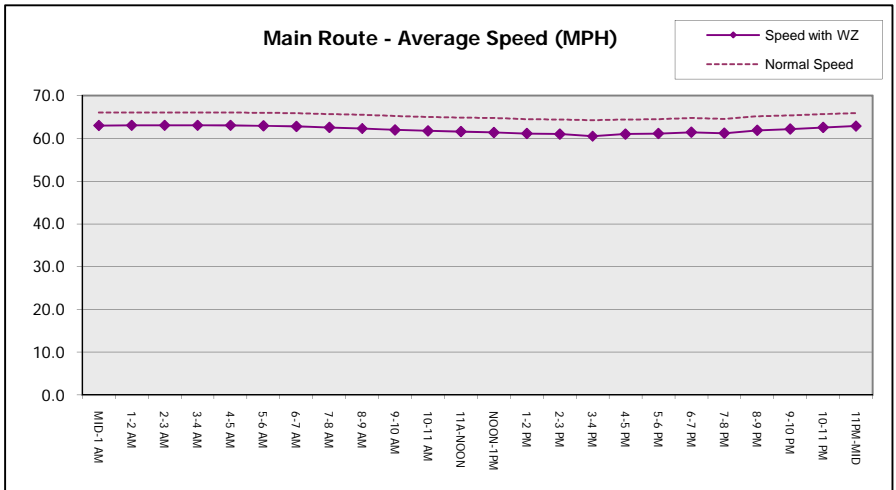
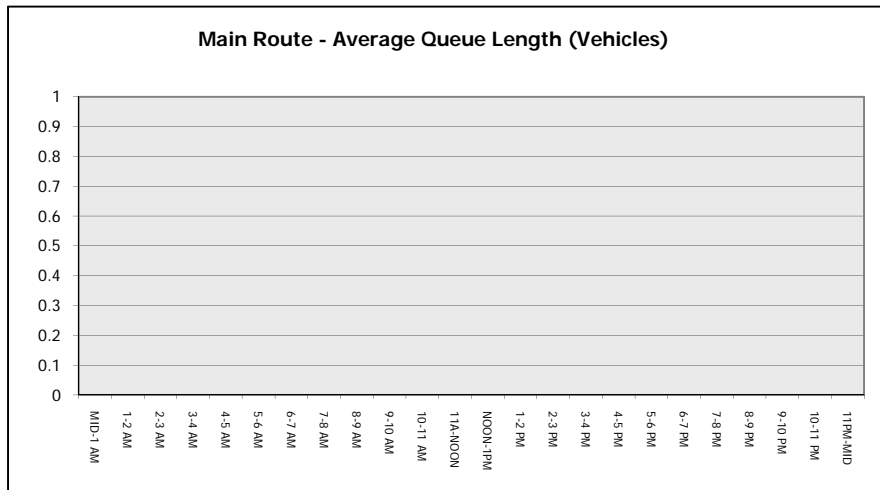
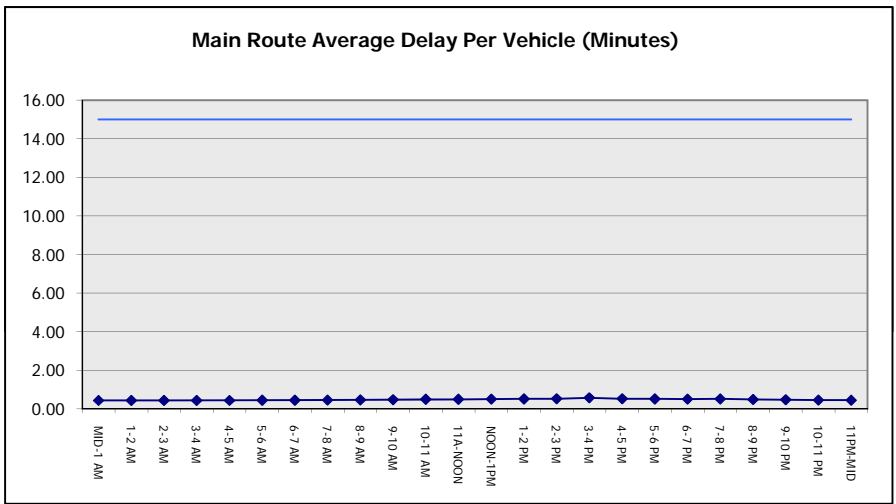
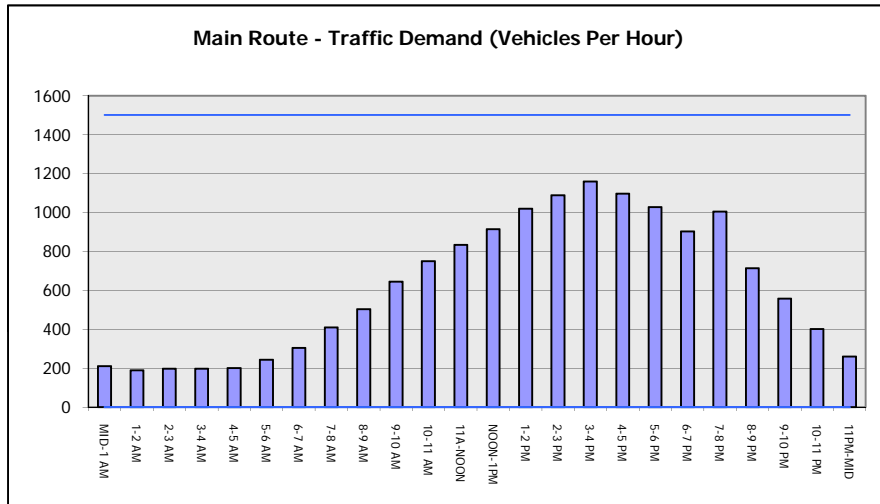
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,561
CONGESTED HOURS PER DAY*	0

*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
FRIDAY 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

FRIDAY 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	170	0.0	21	0.0	1500	170	0	21	0.44	0	66.1	63.1	44.8	34.5	34.5
1-2 AM	132	0.0	17	0.0	1500	132	0	17	0.44	0	66.1	63.2	45.0	34.6	34.6
2-3 AM	96	0.0	13	0.0	1500	96	0	13	0.43	0	66.2	63.3	45.1	34.7	34.7
3-4 AM	93	0.0	12	0.0	1500	93	0	12	0.43	0	66.2	63.3	45.1	34.7	34.7
4-5 AM	121	0.0	15	0.0	1500	121	0	15	0.43	0	66.1	63.2	45.0	34.6	34.6
5-6 AM	184	0.0	23	0.0	1500	184	0	23	0.44	0	66.0	63.0	44.8	34.5	34.5
6-7 AM	307	0.0	39	0.0	1500	307	0	39	0.45	0	65.8	62.8	44.3	34.3	34.3
7-8 AM	417	0.0	52	0.0	1500	417	0	52	0.46	0	65.6	62.5	43.8	34.2	34.2
8-9 AM	557	0.0	70	0.0	1500	557	0	70	0.48	0	65.3	62.2	43.3	34.0	34.0
9-10 AM	707	0.0	89	0.0	1500	707	0	89	0.49	0	65.1	61.9	42.7	33.8	33.8
10-11 AM	898	0.0	113	0.0	1500	898	0	113	0.51	0	64.7	61.4	42.0	33.5	33.5
11A-NOON	1074	0.0	135	0.0	1500	1074	0	135	0.53	0	64.4	61.0	41.4	33.3	33.3
NOON-1PM	1081	0.0	135	0.0	1500	1081	0	135	0.53	0	64.4	61.0	41.4	33.3	33.3
1-2 PM	1111	0.0	139	0.0	1500	1111	0	139	0.53	0	64.3	60.9	41.3	33.2	33.2
2-3 PM	1274	0.0	160	0.0	1500	1274	0	160	0.73	0	64.0	59.4	36.2	33.0	33.0
3-4 PM	1209	0.0	152	0.0	1500	1209	0	152	0.65	0	64.1	60.1	38.1	33.1	33.1
4-5 PM	1180	0.0	148	0.0	1500	1180	0	148	0.61	0	64.2	60.3	39.1	33.2	33.2
5-6 PM	1176	0.0	148	0.0	1500	1176	0	148	0.61	0	64.2	60.4	39.2	33.2	33.2
6-7 PM	931	0.0	117	0.0	1500	931	0	117	0.51	0	64.6	61.4	41.9	33.5	33.5
7-8 PM	805	0.0	101	0.0	1500	805	0	101	0.50	0	64.9	61.6	42.4	33.7	33.7
8-9 PM	604	0.0	75	0.0	1500	604	0	75	0.48	0	65.3	62.1	43.1	34.0	34.0
9-10 PM	427	0.0	53	0.0	1500	427	0	53	0.46	0	65.6	62.5	43.8	34.2	34.2
10-11 PM	283	0.0	36	0.0	1500	283	0	36	0.45	0	65.9	62.8	44.3	34.4	34.4
11PM-MID	223	0.0	28	0.0	1500	223	0	28	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	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	0.0245
MAIN ROUTE WITH WORKS	0.0235
DIVERSION	0.0426

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,718
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**

OCTOBER
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

