

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

SUNDAY 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	122	0.0	16	0.0	1500	122	0	16	0.43	0	66.1	63.2	45.0	34.6	34.6
1-2 AM	90	0.0	12	0.0	1500	90	0	12	0.43	0	66.2	63.3	45.1	34.7	34.7
2-3 AM	74	0.0	9	0.0	1500	74	0	9	0.43	0	66.3	63.3	45.2	34.7	34.7
3-4 AM	64	0.0	8	0.0	1500	64	0	8	0.43	0	66.3	63.3	45.2	34.7	34.7
4-5 AM	65	0.0	8	0.0	1500	65	0	8	0.43	0	66.3	63.3	45.2	34.7	34.7
5-6 AM	83	0.0	10	0.0	1500	83	0	10	0.43	0	66.2	63.3	45.1	34.7	34.7
6-7 AM	98	0.0	13	0.0	1500	98	0	13	0.43	0	66.2	63.2	45.1	34.7	34.7
7-8 AM	148	0.0	19	0.0	1500	148	0	19	0.44	0	66.1	63.2	44.9	34.6	34.6
8-9 AM	266	0.0	34	0.0	1500	266	0	34	0.45	0	65.9	62.8	44.4	34.4	34.4
9-10 AM	428	0.0	53	0.0	1500	428	0	53	0.46	0	65.6	62.5	43.8	34.2	34.2
10-11 AM	674	0.0	85	0.0	1500	674	0	85	0.49	0	65.1	61.9	42.8	33.8	33.8
11A-NOON	863	0.0	108	0.0	1500	863	0	108	0.51	0	64.8	61.5	42.2	33.6	33.6
NOON-1PM	1086	0.0	136	0.0	1500	1086	0	136	0.53	0	64.3	61.0	41.4	33.3	33.3
1-2 PM	1159	0.0	146	0.0	1500	1159	0	146	0.58	0	64.2	60.5	39.8	33.2	33.2
2-3 PM	1220	0.0	153	0.0	1500	1220	0	153	0.66	0	64.1	59.9	37.8	33.1	33.1
3-4 PM	1167	0.0	147	0.0	1500	1167	0	147	0.59	0	64.2	60.4	39.6	33.2	33.2
4-5 PM	1183	0.0	149	0.0	1500	1183	0	149	0.61	0	64.2	60.3	39.0	33.2	33.2
5-6 PM	1080	0.0	135	0.0	1500	1080	0	135	0.53	0	64.4	61.0	41.4	33.3	33.3
6-7 PM	930	0.0	116	0.0	1500	930	0	116	0.51	0	64.6	61.4	41.9	33.5	33.5
7-8 PM	948	0.0	119	0.0	1500	948	0	119	0.51	0	64.6	61.3	41.9	33.5	33.5
8-9 PM	645	0.0	81	0.0	1500	645	0	81	0.48	0	65.2	62.0	43.0	33.9	33.9
9-10 PM	471	0.0	59	0.0	1500	471	0	59	0.47	0	65.5	62.4	43.6	34.2	34.2
10-11 PM	310	0.0	39	0.0	1500	310	0	39	0.45	0	65.8	62.8	44.2	34.3	34.3
11PM-MID	208	0.0	26	0.0	1500	208	0	26	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	0.0217
MAIN ROUTE WITH WORKS	0.0208
DIVERSION	0.0379

PIA: Personal Injury Accidents

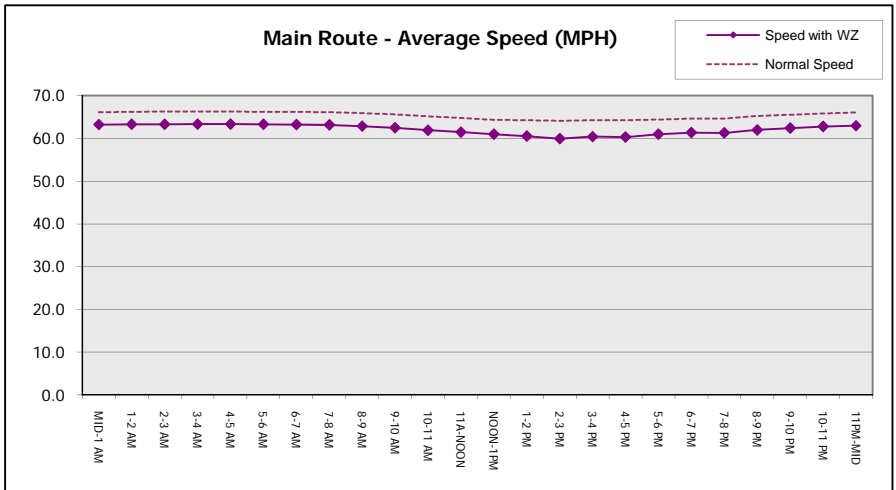
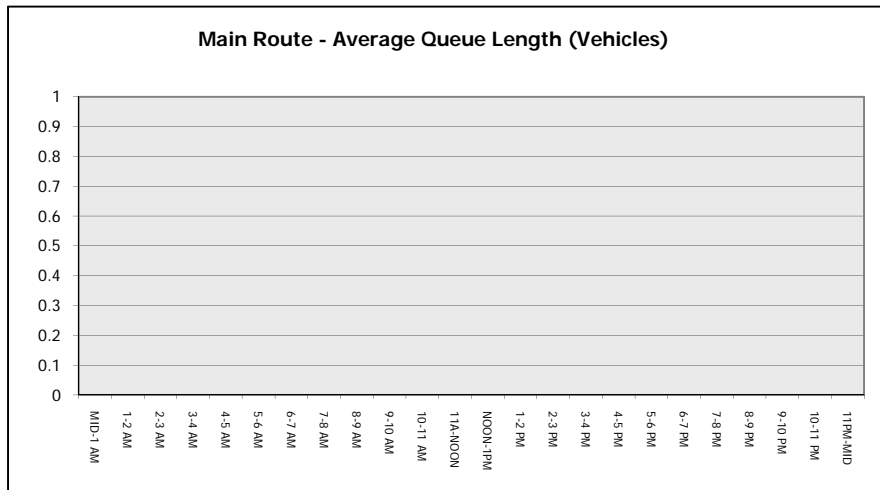
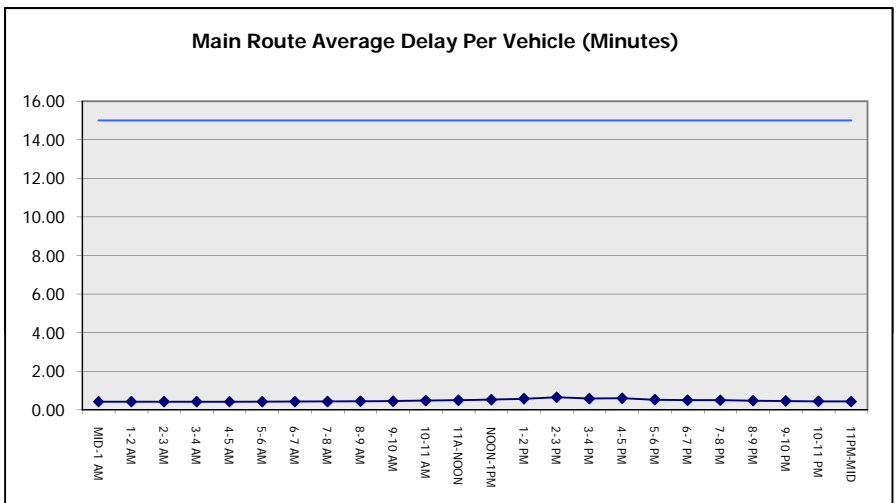
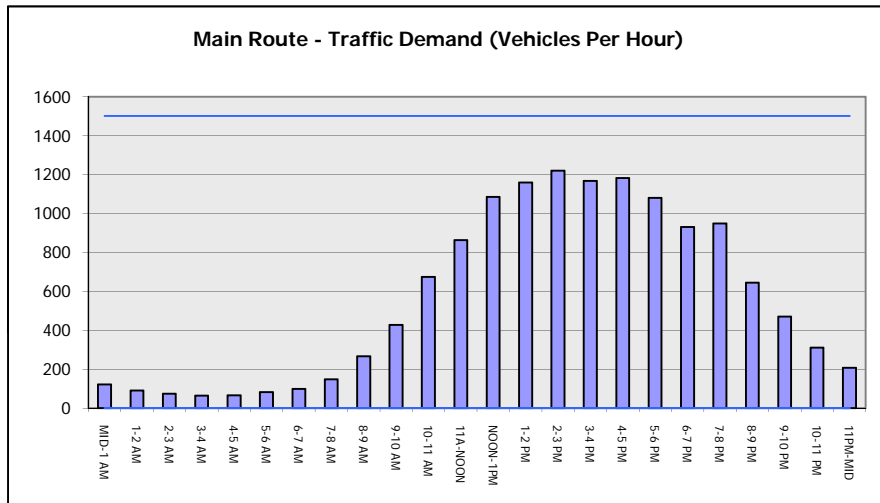
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,871
CONGESTED HOURS PER DAY*	0

*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
SUNDAY 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

SUNDAY 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	79	0.0	9	0.0	1500	79	0	9	0.43	0	66.3	63.3	45.1	34.7	34.7
1-2 AM	72	0.0	9	0.0	1500	72	0	9	0.43	0	66.3	63.3	45.2	34.7	34.7
2-3 AM	58	0.0	7	0.0	1500	58	0	7	0.43	0	66.3	63.3	45.3	34.7	34.7
3-4 AM	59	0.0	7	0.0	1500	59	0	7	0.43	0	66.3	63.3	45.3	34.7	34.7
4-5 AM	61	0.0	7	0.0	1500	61	0	7	0.43	0	66.3	63.3	45.3	34.7	34.7
5-6 AM	99	0.0	13	0.0	1500	99	0	13	0.43	0	66.2	63.2	45.1	34.7	34.7
6-7 AM	143	0.0	18	0.0	1500	143	0	18	0.44	0	66.1	63.2	44.9	34.6	34.6
7-8 AM	241	0.0	30	0.0	1500	241	0	30	0.45	0	66.0	62.9	44.5	34.5	34.5
8-9 AM	429	0.0	53	0.0	1500	429	0	53	0.46	0	65.6	62.5	43.8	34.2	34.2
9-10 AM	654	0.0	82	0.0	1500	654	0	82	0.49	0	65.1	62.0	42.9	33.9	33.9
10-11 AM	939	0.0	117	0.0	1500	939	0	117	0.51	0	64.6	61.3	41.9	33.5	33.5
11A-NOON	1151	0.0	144	0.0	1500	1151	0	144	0.57	0	64.2	60.6	40.1	33.2	33.2
NOON-1PM	1268	0.0	159	0.0	1500	1268	0	159	0.72	0	64.0	59.5	36.4	33.0	33.0
1-2 PM	1327	0.0	166	0.0	1500	1327	0	166	0.80	0	63.9	59.0	34.8	33.0	33.0
2-3 PM	1299	0.0	163	0.0	1500	1299	0	163	0.76	0	64.0	59.2	35.5	33.0	33.0
3-4 PM	1301	0.0	163	0.0	1500	1301	0	163	0.77	0	64.0	59.2	35.5	33.0	33.0
4-5 PM	1179	0.0	148	0.0	1500	1179	0	148	0.61	0	64.2	60.4	39.1	33.2	33.2
5-6 PM	977	0.0	122	0.0	1500	977	0	122	0.52	0	64.6	61.2	41.7	33.4	33.4
6-7 PM	768	0.0	96	0.0	1500	768	0	96	0.50	0	65.0	61.7	42.5	33.7	33.7
7-8 PM	554	0.0	69	0.0	1500	554	0	69	0.48	0	65.3	62.2	43.3	34.0	34.0
8-9 PM	408	0.0	51	0.0	1500	408	0	51	0.46	0	65.6	62.5	43.8	34.2	34.2
9-10 PM	283	0.0	36	0.0	1500	283	0	36	0.45	0	65.9	62.8	44.3	34.4	34.4
10-11 PM	181	0.0	23	0.0	1500	181	0	23	0.44	0	66.1	63.0	44.8	34.5	34.5
11PM-MID	141	0.0	18	0.0	1500	141	0	18	0.44	0	66.1	63.2	44.9	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	0.0222
MAIN ROUTE WITH WORKS	0.0213
DIVERSION	0.0387

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,170
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
SUNDAY EASTBOUND DIRECTION

