

**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**

AUGUST
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	149	0.0	19	0.0	1500	149	0	19	0.44	0	66.1	63.2	44.9	34.6	34.6
1-2 AM	102	0.0	13	0.0	1500	102	0	13	0.43	0	66.2	63.2	45.1	34.7	34.7
2-3 AM	98	0.0	13	0.0	1500	98	0	13	0.43	0	66.2	63.2	45.1	34.7	34.7
3-4 AM	80	0.0	10	0.0	1500	80	0	10	0.43	0	66.3	63.3	45.1	34.7	34.7
4-5 AM	72	0.0	9	0.0	1500	72	0	9	0.43	0	66.3	63.3	45.2	34.7	34.7
5-6 AM	85	0.0	10	0.0	1500	85	0	10	0.43	0	66.2	63.3	45.1	34.7	34.7
6-7 AM	120	0.0	15	0.0	1500	120	0	15	0.43	0	66.1	63.2	45.0	34.6	34.6
7-8 AM	201	0.0	25	0.0	1500	201	0	25	0.44	0	66.0	63.0	44.6	34.5	34.5
8-9 AM	307	0.0	39	0.0	1500	307	0	39	0.45	0	65.8	62.8	44.3	34.3	34.3
9-10 AM	554	0.0	69	0.0	1500	554	0	69	0.48	0	65.3	62.2	43.3	34.0	34.0
10-11 AM	836	0.0	105	0.0	1500	836	0	105	0.50	0	64.8	61.5	42.3	33.7	33.7
11A-NOON	1128	0.0	141	0.0	1500	1128	0	141	0.54	0	64.3	60.8	40.9	33.2	33.2
NOON-1PM	1307	0.0	164	0.0	1499	1307	0	164	0.77	0	64.0	59.2	35.3	33.0	33.0
1-2 PM	1502	0.0	188	0.0	1499	1502	0	188	1.17	4	63.6	56.7	31.1	32.7	32.7
2-3 PM	1584	0.0	199	0.0	1500	1584	0	199	3.03	55	63.4	48.3	30.8	32.6	32.6
3-4 PM	1644	0.0	206	0.0	1500	1644	0	206	7.27	172	63.3	36.1	30.8	32.5	32.5
4-5 PM	1642	0.0	206	0.0	1500	1642	0	206	12.90	323	63.3	27.1	30.8	32.5	32.5
5-6 PM	1430	0.0	179	0.0	1499	1430	0	179	14.57	365	63.7	25.3	30.8	32.8	32.8
6-7 PM	1222	0.0	153	0.0	1499	1222	0	153	7.51	190	64.1	35.9	32.5	33.1	33.1
7-8 PM	1049	0.0	132	0.0	1500	1049	0	132	0.59	1	64.5	60.7	41.4	33.3	33.3
8-9 PM	781	0.0	98	0.0	1500	781	0	98	0.50	0	65.0	61.7	42.5	33.7	33.7
9-10 PM	592	0.0	74	0.0	1500	592	0	74	0.48	0	65.3	62.1	43.2	34.0	34.0
10-11 PM	454	0.0	57	0.0	1500	454	0	57	0.47	0	65.5	62.4	43.7	34.2	34.2
11PM-MID	304	0.0	38	0.0	1500	304	0	38	0.45	0	65.8	62.8	44.3	34.3	34.3

----- 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	0.0280
MAIN ROUTE WITH WORKS	0.0269
DIVERSION	0.0488

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS

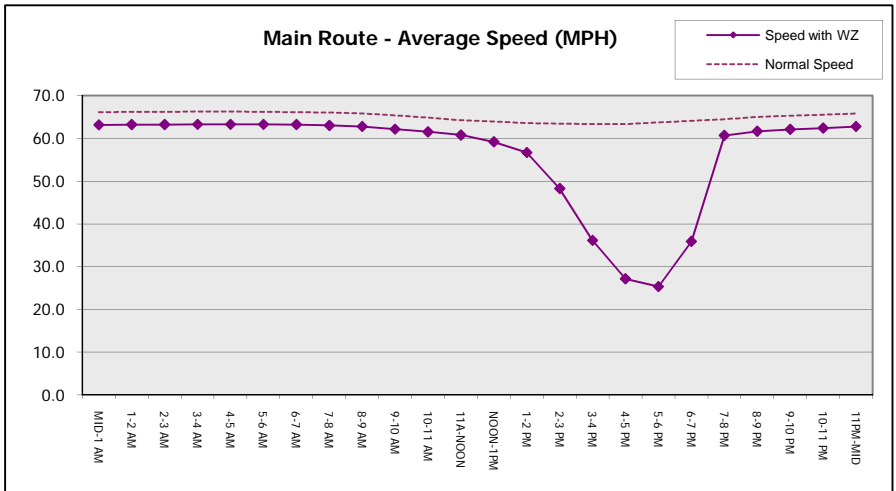
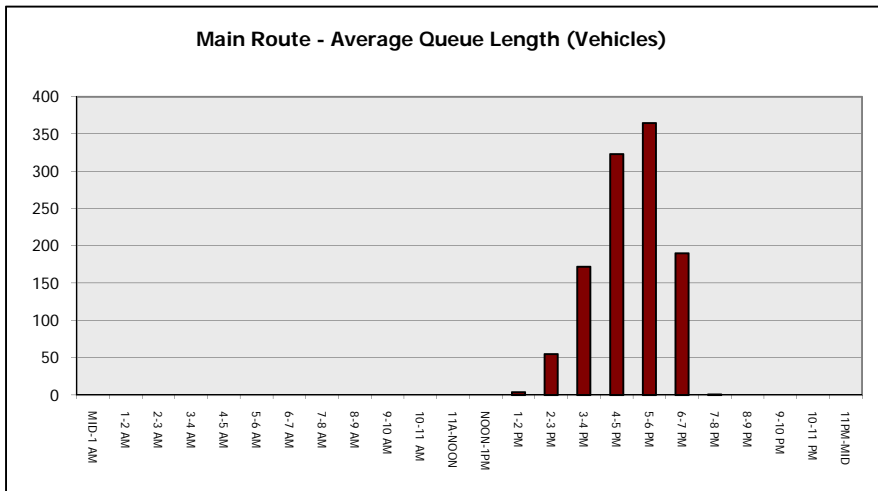
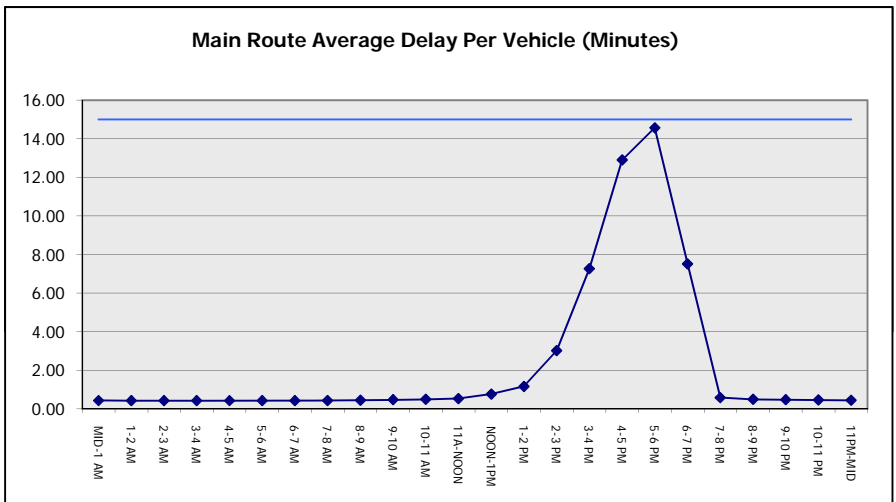
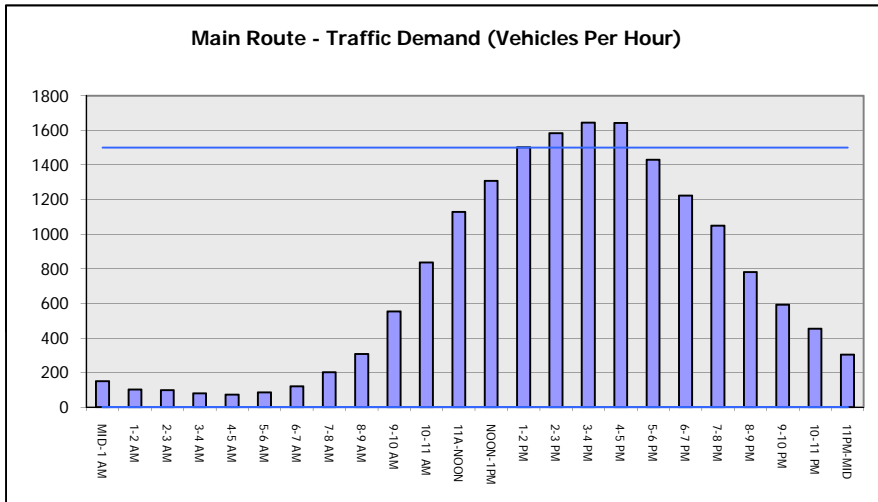
ROAD USER COSTS PER DAY (DOLLARS)	\$20,717
CONGESTED HOURS PER DAY*	0

*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

AUGUST
 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	AUGUST
	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	114	0.0	15	0.0	1500	114	0	15	0.43	0	66.2	63.2	45.0	34.6	34.6
1-2 AM	89	0.0	12	0.0	1500	89	0	12	0.43	0	66.2	63.3	45.1	34.7	34.7
2-3 AM	70	0.0	8	0.0	1500	70	0	8	0.43	0	66.3	63.3	45.2	34.7	34.7
3-4 AM	61	0.0	7	0.0	1500	61	0	7	0.43	0	66.3	63.3	45.3	34.7	34.7
4-5 AM	66	0.0	8	0.0	1500	66	0	8	0.43	0	66.3	63.3	45.2	34.7	34.7
5-6 AM	94	0.0	12	0.0	1500	94	0	12	0.43	0	66.2	63.3	45.1	34.7	34.7
6-7 AM	185	0.0	23	0.0	1500	185	0	23	0.44	0	66.0	63.0	44.7	34.5	34.5
7-8 AM	372	0.0	46	0.0	1500	372	0	46	0.46	0	65.7	62.6	44.0	34.3	34.3
8-9 AM	641	0.0	81	0.0	1500	641	0	81	0.48	0	65.2	62.0	43.0	33.9	33.9
9-10 AM	928	0.0	116	0.0	1500	928	0	116	0.51	0	64.6	61.4	41.9	33.5	33.5
10-11 AM	1225	0.0	154	0.0	1500	1225	0	154	0.67	0	64.1	59.9	37.7	33.1	33.1
11A-NOON	1433	0.0	180	0.0	1499	1433	0	180	0.94	0	63.7	58.1	32.2	32.8	32.8
NOON-1PM	1567	0.0	197	0.0	1499	1567	0	197	1.96	26	63.5	52.7	30.8	32.6	32.6
1-2 PM	1656	0.0	207	0.0	1500	1656	0	207	6.10	141	63.3	38.8	30.8	32.5	32.5
2-3 PM	1671	0.0	209	0.0	1500	1671	0	209	12.45	312	63.3	27.6	30.8	32.5	32.5
3-4 PM	1512	0.0	189	0.0	1499	1512	0	189	16.20	409	63.6	23.7	30.8	32.7	32.7
4-5 PM	1353	0.0	170	0.0	1499	1353	0	170	13.65	342	63.8	26.3	30.8	32.9	32.9
5-6 PM	1163	0.0	145	0.0	1499	1163	0	145	4.10	109	64.2	44.9	35.8	33.2	33.2
6-7 PM	958	0.0	120	0.0	1500	958	0	120	0.52	0	64.6	61.3	41.9	33.5	33.5
7-8 PM	722	0.0	91	0.0	1500	722	0	91	0.49	0	65.0	61.8	42.7	33.8	33.8
8-9 PM	555	0.0	69	0.0	1500	555	0	69	0.48	0	65.3	62.2	43.3	34.0	34.0
9-10 PM	395	0.0	49	0.0	1500	395	0	49	0.46	0	65.6	62.5	43.9	34.2	34.2
10-11 PM	277	0.0	35	0.0	1500	277	0	35	0.45	0	65.9	62.8	44.4	34.4	34.4
11PM-MID	194	0.0	24	0.0	1500	194	0	24	0.44	0	66.0	63.0	44.7	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	0.0281
MAIN ROUTE WITH WORKS	0.0269
DIVERSION	0.0489

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$24,196
CONGESTED HOURS PER DAY*	1

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 121 - USH 53 - USH 10**

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

