

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

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	192	0.0	24	0.0	1500	192	0	24	0.44	0	66.0	63.0	44.7	34.5	34.5
1-2 AM	171	0.0	22	0.0	1500	171	0	22	0.44	0	66.1	63.1	44.8	34.5	34.5
2-3 AM	175	0.0	22	0.0	1500	175	0	22	0.44	0	66.1	63.1	44.8	34.5	34.5
3-4 AM	191	0.0	24	0.0	1500	191	0	24	0.44	0	66.0	63.0	44.7	34.5	34.5
4-5 AM	208	0.0	26	0.0	1500	208	0	26	0.44	0	66.0	63.0	44.6	34.5	34.5
5-6 AM	242	0.0	30	0.0	1500	242	0	30	0.45	0	66.0	62.9	44.5	34.5	34.5
6-7 AM	310	0.0	39	0.0	1500	310	0	39	0.45	0	65.8	62.8	44.2	34.3	34.3
7-8 AM	408	0.0	51	0.0	1500	408	0	51	0.46	0	65.6	62.5	43.8	34.2	34.2
8-9 AM	503	0.0	63	0.0	1500	503	0	63	0.47	0	65.5	62.3	43.5	34.1	34.1
9-10 AM	627	0.0	78	0.0	1500	627	0	78	0.48	0	65.2	62.0	43.0	33.9	33.9
10-11 AM	732	0.0	92	0.0	1500	732	0	92	0.49	0	65.0	61.8	42.7	33.8	33.8
11A-NOON	757	0.0	95	0.0	1500	757	0	95	0.50	0	65.0	61.7	42.5	33.7	33.7
NOON-1PM	783	0.0	98	0.0	1500	783	0	98	0.50	0	65.0	61.7	42.5	33.7	33.7
1-2 PM	840	0.0	106	0.0	1500	840	0	106	0.50	0	64.8	61.5	42.2	33.6	33.6
2-3 PM	874	0.0	110	0.0	1500	874	0	110	0.51	0	64.8	61.5	42.1	33.6	33.6
3-4 PM	940	0.0	118	0.0	1500	940	0	118	0.51	0	64.6	61.3	41.9	33.5	33.5
4-5 PM	892	0.0	112	0.0	1500	892	0	112	0.51	0	64.7	61.4	42.0	33.5	33.5
5-6 PM	814	0.0	102	0.0	1500	814	0	102	0.50	0	64.9	61.6	42.4	33.7	33.7
6-7 PM	706	0.0	89	0.0	1500	706	0	89	0.49	0	65.1	61.9	42.7	33.8	33.8
7-8 PM	617	0.0	77	0.0	1500	617	0	77	0.48	0	65.3	62.0	43.0	33.9	33.9
8-9 PM	528	0.0	66	0.0	1500	528	0	66	0.47	0	65.4	62.2	43.4	34.0	34.0
9-10 PM	433	0.0	54	0.0	1500	433	0	54	0.46	0	65.6	62.5	43.8	34.2	34.2
10-11 PM	320	0.0	40	0.0	1500	320	0	40	0.45	0	65.8	62.7	44.2	34.3	34.3
11PM-MID	205	0.0	25	0.0	1500	205	0	25	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	0.0202
MAIN ROUTE WITH WORKS	0.0194
DIVERSION	0.0353

PIA: Personal Injury Accidents

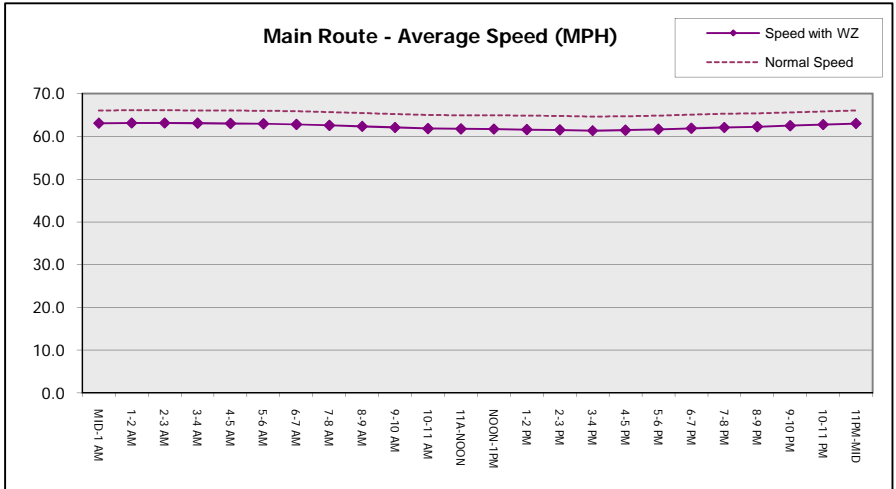
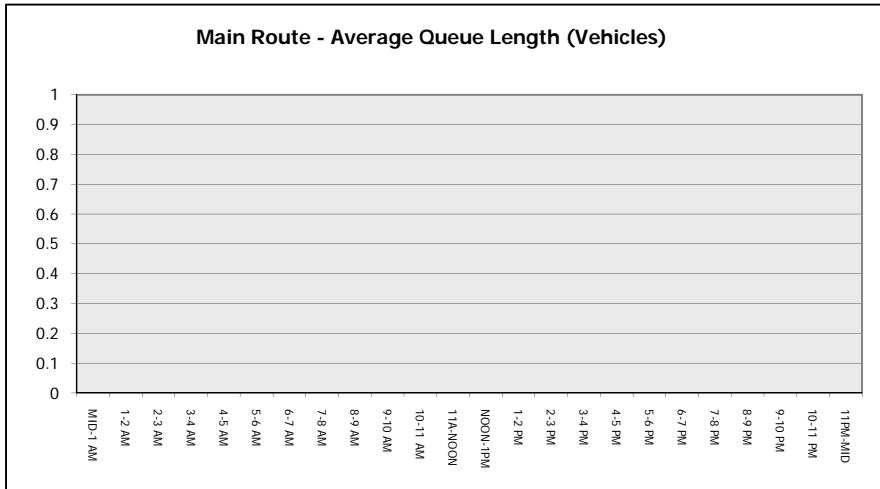
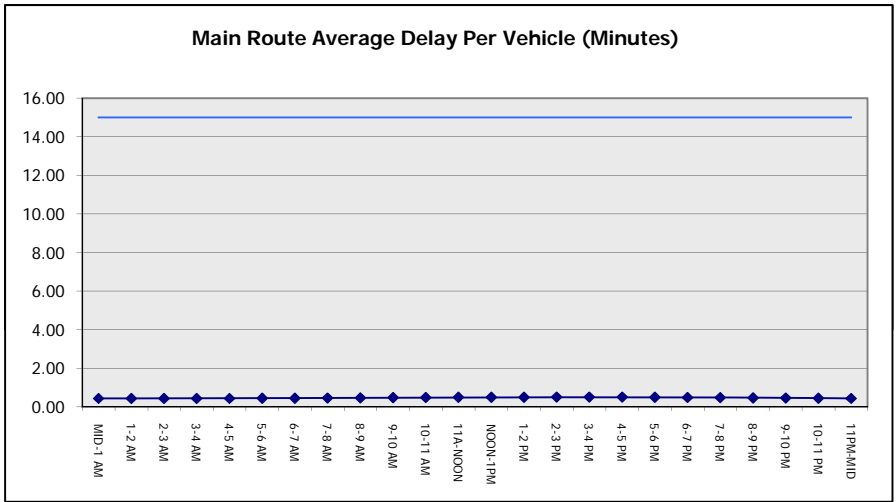
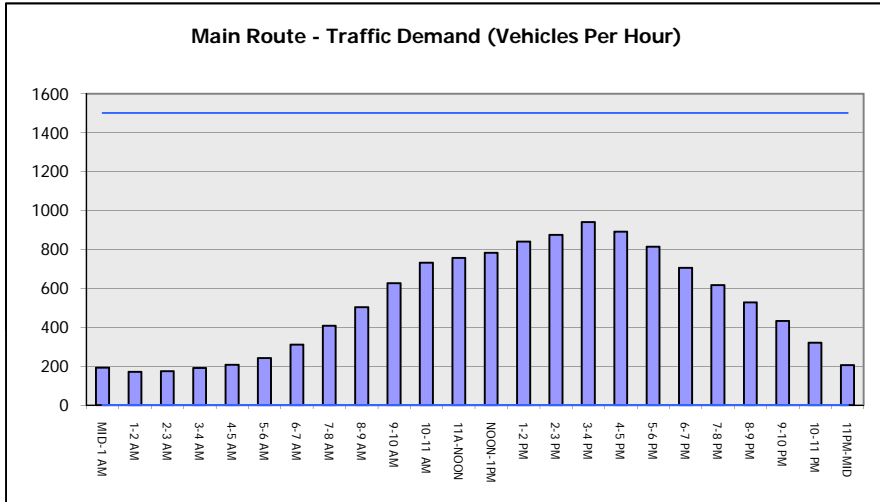
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,223
CONGESTED HOURS PER DAY*	0

*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

AUGUST
 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	AUGUST
	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	161	0.0	21	0.0	1500	161	0	21	0.44	0	66.1	63.1	44.8	34.5	34.5
1-2 AM	127	0.0	16	0.0	1500	127	0	16	0.43	0	66.1	63.2	45.0	34.6	34.6
2-3 AM	99	0.0	13	0.0	1500	99	0	13	0.43	0	66.2	63.2	45.1	34.7	34.7
3-4 AM	95	0.0	12	0.0	1500	95	0	12	0.43	0	66.2	63.3	45.1	34.7	34.7
4-5 AM	139	0.0	18	0.0	1500	139	0	18	0.44	0	66.1	63.2	45.0	34.6	34.6
5-6 AM	209	0.0	26	0.0	1500	209	0	26	0.44	0	66.0	63.0	44.6	34.5	34.5
6-7 AM	351	0.0	44	0.0	1500	351	0	44	0.46	0	65.7	62.7	44.1	34.3	34.3
7-8 AM	496	0.0	62	0.0	1500	496	0	62	0.47	0	65.5	62.3	43.5	34.1	34.1
8-9 AM	622	0.0	77	0.0	1500	622	0	77	0.48	0	65.2	62.0	43.0	33.9	33.9
9-10 AM	722	0.0	90	0.0	1500	722	0	90	0.49	0	65.0	61.8	42.7	33.8	33.8
10-11 AM	851	0.0	107	0.0	1500	851	0	107	0.50	0	64.8	61.5	42.2	33.6	33.6
11A-NOON	896	0.0	112	0.0	1500	896	0	112	0.51	0	64.7	61.4	42.0	33.5	33.5
NOON-1PM	908	0.0	114	0.0	1500	908	0	114	0.51	0	64.7	61.4	42.0	33.5	33.5
1-2 PM	920	0.0	115	0.0	1500	920	0	115	0.51	0	64.6	61.4	42.0	33.5	33.5
2-3 PM	917	0.0	115	0.0	1500	917	0	115	0.51	0	64.6	61.4	42.0	33.5	33.5
3-4 PM	919	0.0	115	0.0	1500	919	0	115	0.51	0	64.6	61.4	42.0	33.5	33.5
4-5 PM	833	0.0	105	0.0	1500	833	0	105	0.50	0	64.8	61.5	42.3	33.7	33.7
5-6 PM	711	0.0	89	0.0	1500	711	0	89	0.49	0	65.1	61.9	42.7	33.8	33.8
6-7 PM	576	0.0	72	0.0	1500	576	0	72	0.48	0	65.3	62.2	43.2	34.0	34.0
7-8 PM	524	0.0	65	0.0	1500	524	0	65	0.47	0	65.4	62.3	43.4	34.1	34.1
8-9 PM	451	0.0	57	0.0	1500	451	0	57	0.47	0	65.5	62.4	43.7	34.2	34.2
9-10 PM	354	0.0	44	0.0	1500	354	0	44	0.46	0	65.7	62.7	44.1	34.3	34.3
10-11 PM	282	0.0	36	0.0	1500	282	0	36	0.45	0	65.9	62.8	44.3	34.4	34.4
11PM-MID	212	0.0	26	0.0	1500	212	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	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	0.0201
MAIN ROUTE WITH WORKS	0.0193
DIVERSION	0.0349

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,222
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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MON-THUR EASTBOUND DIRECTION

