

**IH 94: USH 12 TO IH 90/94 (MONROE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: IH 90, USH 12**

OCTOBER

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	346	0.0	211	0.0	1500	346	0	211	0.46	0	65.8	58.2	44.1	27.3	27.3
1-2 AM	272	0.0	166	0.0	1500	272	0	166	0.45	0	65.9	58.5	44.4	27.8	27.8
2-3 AM	199	0.0	121	0.0	1500	199	0	121	0.44	0	66.0	58.7	44.7	28.4	28.4
3-4 AM	181	0.0	110	0.0	1500	181	0	110	0.44	0	66.1	58.7	44.8	28.5	28.5
4-5 AM	184	0.0	112	0.0	1500	184	0	112	0.44	0	66.0	58.7	44.8	28.5	28.5
5-6 AM	193	0.0	118	0.0	1500	193	0	118	0.44	0	66.0	58.7	44.7	28.4	28.4
6-7 AM	206	0.0	126	0.0	1500	206	0	126	0.44	0	66.0	58.7	44.6	28.3	28.3
7-8 AM	305	0.0	186	0.0	1500	305	0	186	0.45	0	65.8	58.4	44.3	27.6	27.6
8-9 AM	448	0.0	274	0.0	1500	448	0	274	0.47	0	65.6	58.0	43.7	26.6	26.6
9-10 AM	668	0.0	407	0.0	1500	668	0	407	0.49	0	65.1	57.4	42.8	25.0	25.0
10-11 AM	925	0.0	564	0.0	1500	925	0	564	0.51	0	64.6	56.6	41.9	23.2	23.2
11A-NOON	984	0.0	600	0.0	1500	984	0	600	0.52	0	64.5	56.5	41.7	22.7	22.7
NOON-1PM	987	0.0	602	0.0	1500	987	0	602	0.52	0	64.5	56.4	41.7	22.7	22.7
1-2 PM	968	0.0	591	0.0	1500	968	0	591	0.52	0	64.6	56.5	41.8	22.9	22.9
2-3 PM	910	0.0	555	0.0	1500	910	0	555	0.51	0	64.7	56.7	42.0	23.3	23.3
3-4 PM	874	0.0	533	0.0	1500	874	0	533	0.51	0	64.8	56.8	42.1	23.5	23.5
4-5 PM	813	0.0	495	0.0	1500	813	0	495	0.50	0	64.9	56.9	42.4	24.0	24.0
5-6 PM	860	0.0	525	0.0	1500	860	0	525	0.51	0	64.8	56.8	42.2	23.7	23.7
6-7 PM	794	0.0	484	0.0	1500	794	0	484	0.50	0	64.9	57.0	42.4	24.1	24.1
7-8 PM	635	0.0	388	0.0	1500	635	0	388	0.48	0	65.2	57.4	43.0	25.3	25.3
8-9 PM	614	0.0	374	0.0	1500	614	0	374	0.48	0	65.3	57.5	43.1	25.4	25.4
9-10 PM	492	0.0	300	0.0	1500	492	0	300	0.47	0	65.5	57.9	43.5	26.3	26.3
10-11 PM	369	0.0	225	0.0	1500	369	0	225	0.46	0	65.7	58.2	44.0	27.1	27.1
11PM-MID	251	0.0	152	0.0	1500	251	0	152	0.45	0	65.9	58.6	44.5	28.0	28.0

----- 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	0.0084
MAIN ROUTE WITH WORKS	0.0075
DIVERSION	0.0656

PIA: Personal Injury Accidents

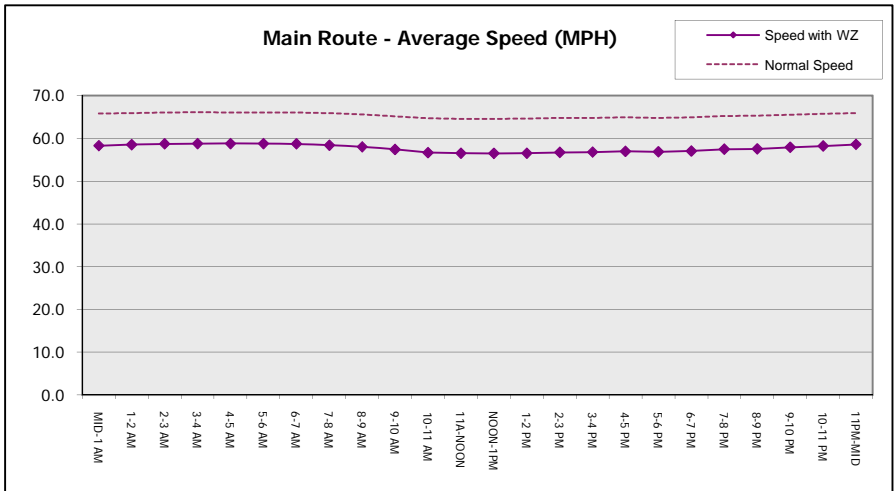
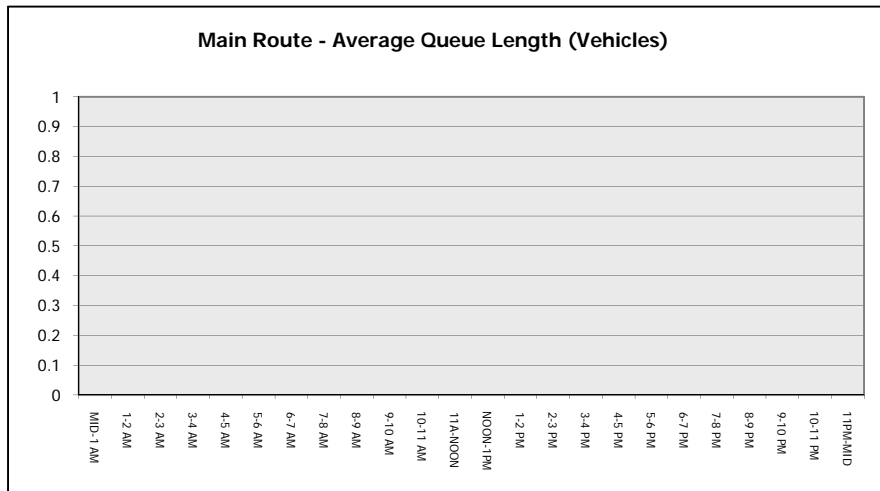
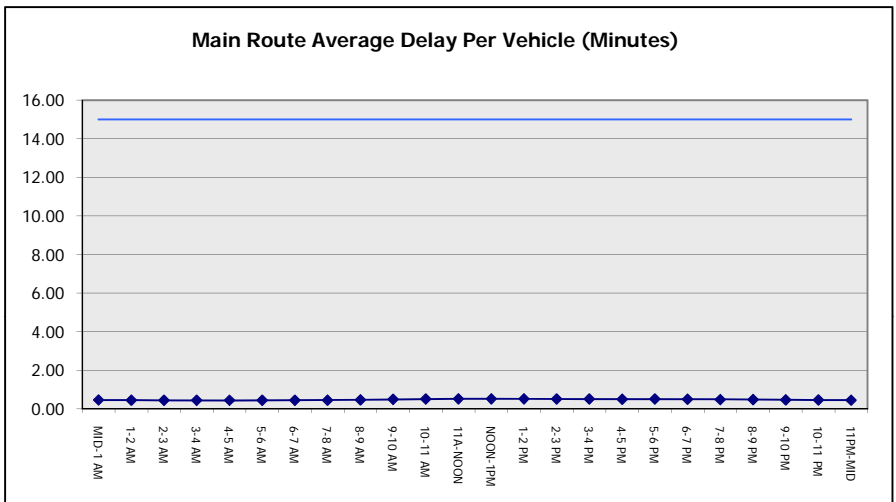
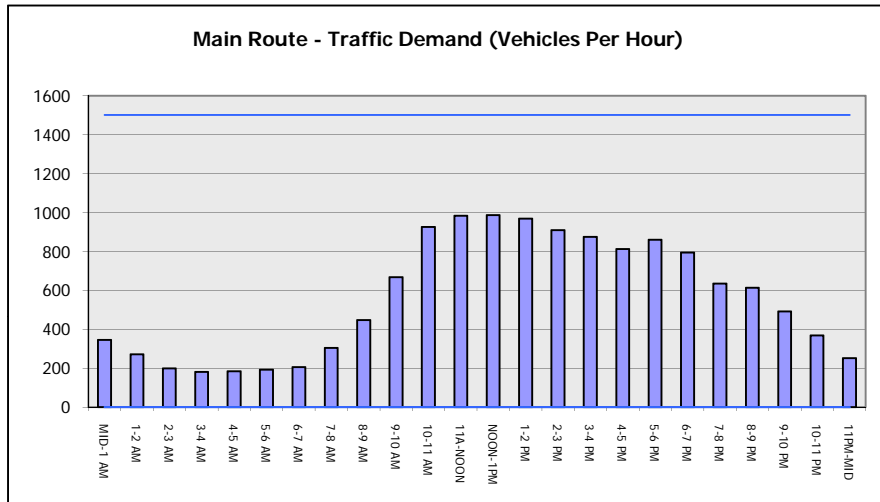
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,649
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 94: USH 12 TO IH 90/94 (MONROE COUNTY)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: IH 90, USH 12

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY WESTBOUND DIRECTION



IH 94: USH 12 TO IH 90/94 (MONROE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: IH 90, USH 12	OCTOBER
	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	282	0.0	172	0.0	1500	282	0	172	0.45	0	65.9	58.4	44.3	25.8	25.8
1-2 AM	375	0.0	228	0.0	1500	375	0	228	0.46	0	65.7	58.2	44.0	24.5	24.5
2-3 AM	534	0.0	326	0.0	1500	534	0	326	0.47	0	65.4	57.8	43.4	22.2	22.2
3-4 AM	720	0.0	439	0.0	1500	720	0	439	0.49	0	65.0	57.2	42.7	19.6	19.6
4-5 AM	877	0.0	535	0.0	1500	877	0	535	0.51	0	64.8	56.8	42.1	17.9	17.9
5-6 AM	210	0.0	128	0.0	1500	210	0	128	0.44	0	66.0	58.7	44.6	26.8	26.8
6-7 AM	205	0.0	125	0.0	1500	205	0	125	0.44	0	66.0	58.7	44.6	26.9	26.9
7-8 AM	497	0.0	303	0.0	1500	497	0	303	0.47	0	65.5	57.8	43.5	22.7	22.7
8-9 AM	471	0.0	287	0.0	1500	471	0	287	0.47	0	65.5	57.9	43.6	23.1	23.1
9-10 AM	604	0.0	368	0.0	1500	604	0	368	0.48	0	65.3	57.6	43.1	21.2	21.2
10-11 AM	733	0.0	446	0.0	1500	733	0	446	0.49	0	65.0	57.2	42.7	19.5	19.5
11A-NOON	926	0.0	564	0.0	1500	926	0	564	0.51	0	64.6	56.6	41.9	17.3	17.3
NOON-1PM	870	0.0	530	0.0	1500	870	0	530	0.51	0	64.8	56.8	42.2	17.9	17.9
1-2 PM	789	0.0	481	0.0	1500	789	0	481	0.50	0	64.9	57.0	42.4	18.9	18.9
2-3 PM	755	0.0	460	0.0	1500	755	0	460	0.50	0	65.0	57.1	42.5	19.3	19.3
3-4 PM	800	0.0	487	0.0	1500	800	0	487	0.50	0	64.9	57.0	42.4	18.8	18.8
4-5 PM	747	0.0	455	0.0	1500	747	0	455	0.49	0	65.0	57.1	42.6	19.3	19.3
5-6 PM	752	0.0	459	0.0	1500	752	0	459	0.50	0	65.0	57.1	42.5	19.3	19.3
6-7 PM	550	0.0	335	0.0	1500	550	0	335	0.48	0	65.4	57.7	43.3	22.0	22.0
7-8 PM	610	0.0	371	0.0	1500	610	0	371	0.48	0	65.3	57.5	43.1	21.1	21.1
8-9 PM	682	0.0	415	0.0	1500	682	0	415	0.49	0	65.1	57.3	42.8	20.1	20.1
9-10 PM	430	0.0	262	0.0	1500	430	0	262	0.46	0	65.6	58.1	43.8	23.7	23.7
10-11 PM	373	0.0	227	0.0	1500	373	0	227	0.46	0	65.7	58.2	44.0	24.5	24.5
11PM-MID	651	0.0	397	0.0	1500	651	0	397	0.49	0	65.1	57.4	42.9	20.6	20.6

----- 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	0.0090
MAIN ROUTE WITH WORKS	0.0080
DIVERSION	0.0703

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,749
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: IH 90, USH 12

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

