

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

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	254	0.0	154	0.0	1500	254	0	154	0.45	0	65.9	58.6	44.5	28.0	28.0
1-2 AM	223	0.0	136	0.0	1500	223	0	136	0.44	0	66.0	58.6	44.6	28.2	28.2
2-3 AM	188	0.0	115	0.0	1500	188	0	115	0.44	0	66.0	58.7	44.7	28.4	28.4
3-4 AM	203	0.0	124	0.0	1500	203	0	124	0.44	0	66.0	58.7	44.6	28.4	28.4
4-5 AM	200	0.0	122	0.0	1500	200	0	122	0.44	0	66.0	58.7	44.7	28.4	28.4
5-6 AM	211	0.0	129	0.0	1500	211	0	129	0.44	0	66.0	58.7	44.6	28.3	28.3
6-7 AM	245	0.0	149	0.0	1500	245	0	149	0.45	0	66.0	58.6	44.5	28.1	28.1
7-8 AM	326	0.0	199	0.0	1500	326	0	199	0.45	0	65.8	58.3	44.2	27.4	27.4
8-9 AM	494	0.0	301	0.0	1500	494	0	301	0.47	0	65.5	57.9	43.5	26.3	26.3
9-10 AM	609	0.0	371	0.0	1500	609	0	371	0.48	0	65.3	57.5	43.1	25.5	25.5
10-11 AM	705	0.0	430	0.0	1500	705	0	430	0.49	0	65.1	57.3	42.7	24.8	24.8
11A-NOON	721	0.0	440	0.0	1500	721	0	440	0.49	0	65.0	57.2	42.7	24.7	24.7
NOON-1PM	741	0.0	452	0.0	1500	741	0	452	0.49	0	65.0	57.1	42.6	24.5	24.5
1-2 PM	767	0.0	468	0.0	1500	767	0	468	0.50	0	65.0	57.1	42.5	24.3	24.3
2-3 PM	814	0.0	496	0.0	1500	814	0	496	0.50	0	64.9	56.9	42.4	24.0	24.0
3-4 PM	870	0.0	530	0.0	1500	870	0	530	0.51	0	64.8	56.8	42.2	23.6	23.6
4-5 PM	918	0.0	560	0.0	1500	918	0	560	0.51	0	64.6	56.7	42.0	23.2	23.2
5-6 PM	911	0.0	555	0.0	1500	911	0	555	0.51	0	64.7	56.7	42.0	23.3	23.3
6-7 PM	803	0.0	489	0.0	1500	803	0	489	0.50	0	64.9	57.0	42.4	24.0	24.0
7-8 PM	710	0.0	433	0.0	1500	710	0	433	0.49	0	65.1	57.3	42.7	24.7	24.7
8-9 PM	608	0.0	370	0.0	1500	608	0	370	0.48	0	65.3	57.5	43.1	25.5	25.5
9-10 PM	512	0.0	313	0.0	1500	512	0	313	0.47	0	65.5	57.8	43.5	26.1	26.1
10-11 PM	404	0.0	247	0.0	1500	404	0	247	0.46	0	65.6	58.1	43.9	26.9	26.9
11PM-MID	333	0.0	203	0.0	1500	333	0	203	0.45	0	65.8	58.3	44.2	27.4	27.4

----- 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	0.0079
MAIN ROUTE WITH WORKS	0.0071
DIVERSION	0.0622

PIA: Personal Injury Accidents

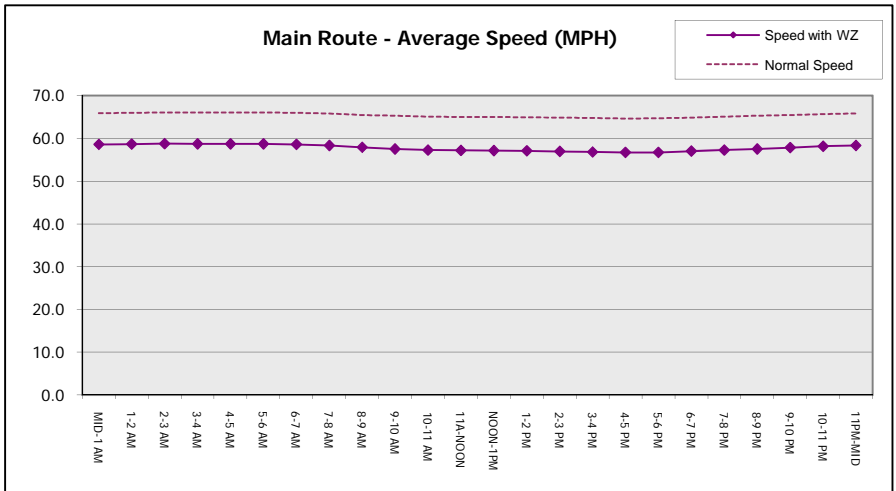
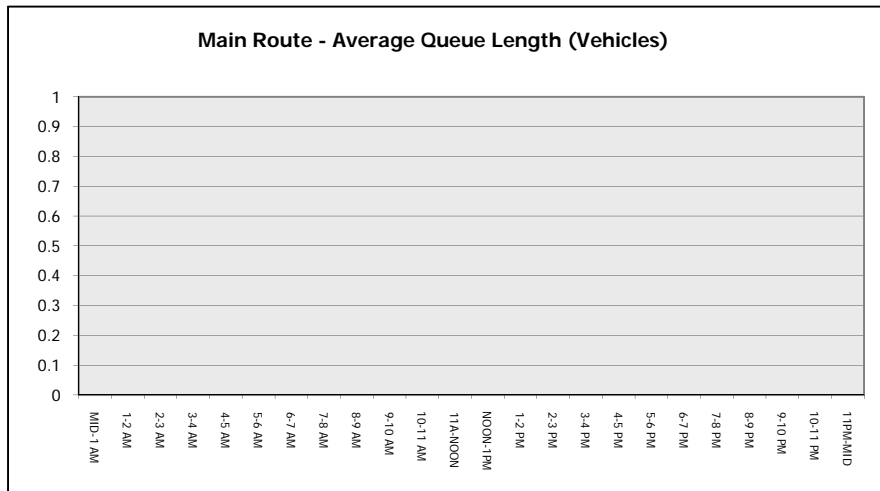
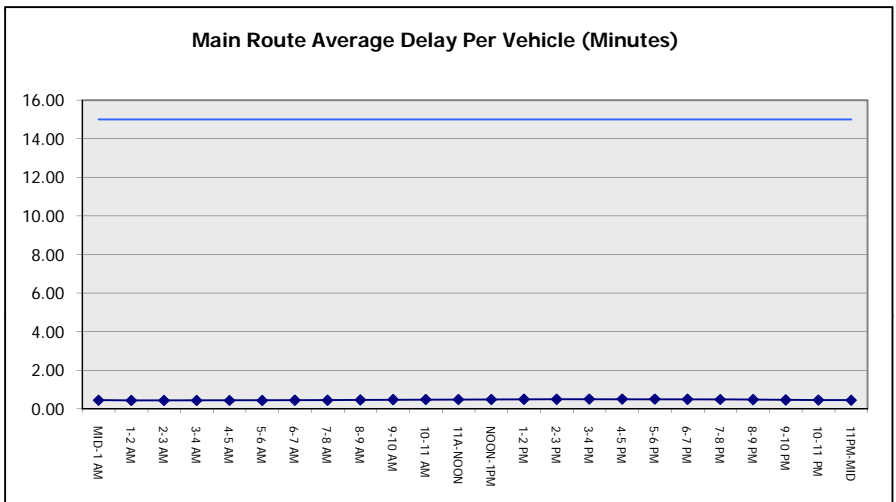
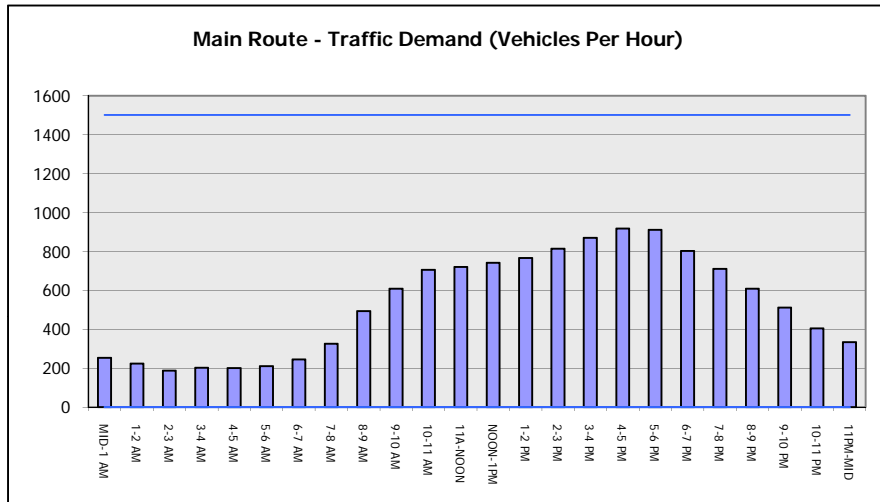
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,249
CONGESTED HOURS PER DAY*	0

*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
MON-THUR 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

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	290	0.0	177	0.0	1500	290	0	177	0.45	0	65.8	58.4	44.3	25.7	25.7
1-2 AM	217	0.0	132	0.0	1500	217	0	132	0.44	0	66.0	58.6	44.6	26.7	26.7
2-3 AM	182	0.0	111	0.0	1500	182	0	111	0.44	0	66.1	58.7	44.8	27.2	27.2
3-4 AM	143	0.0	87	0.0	1500	143	0	87	0.44	0	66.1	58.9	44.9	27.8	27.8
4-5 AM	139	0.0	84	0.0	1500	139	0	84	0.44	0	66.1	58.9	45.0	27.8	27.8
5-6 AM	223	0.0	136	0.0	1500	223	0	136	0.44	0	66.0	58.6	44.6	26.6	26.6
6-7 AM	355	0.0	216	0.0	1500	355	0	216	0.46	0	65.7	58.2	44.1	24.8	24.8
7-8 AM	396	0.0	241	0.0	1500	396	0	241	0.46	0	65.6	58.1	43.9	24.2	24.2
8-9 AM	472	0.0	288	0.0	1500	472	0	288	0.47	0	65.5	57.9	43.6	23.1	23.1
9-10 AM	538	0.0	328	0.0	1500	538	0	328	0.47	0	65.4	57.8	43.3	22.2	22.2
10-11 AM	624	0.0	381	0.0	1500	624	0	381	0.48	0	65.2	57.5	43.0	20.9	20.9
11A-NOON	682	0.0	415	0.0	1500	682	0	415	0.49	0	65.1	57.3	42.8	20.1	20.1
NOON-1PM	737	0.0	448	0.0	1500	737	0	448	0.49	0	65.0	57.2	42.6	19.4	19.4
1-2 PM	791	0.0	482	0.0	1500	791	0	482	0.50	0	64.9	57.0	42.4	18.8	18.8
2-3 PM	794	0.0	484	0.0	1500	794	0	484	0.50	0	64.9	57.0	42.4	18.8	18.8
3-4 PM	823	0.0	501	0.0	1500	823	0	501	0.50	0	64.8	56.9	42.3	18.5	18.5
4-5 PM	884	0.0	539	0.0	1500	884	0	539	0.51	0	64.7	56.8	42.1	17.8	17.8
5-6 PM	880	0.0	536	0.0	1500	880	0	536	0.51	0	64.8	56.8	42.1	17.8	17.8
6-7 PM	783	0.0	478	0.0	1500	783	0	478	0.50	0	64.9	57.1	42.5	18.9	18.9
7-8 PM	650	0.0	397	0.0	1500	650	0	397	0.49	0	65.1	57.4	42.9	20.6	20.6
8-9 PM	544	0.0	332	0.0	1500	544	0	332	0.48	0	65.4	57.7	43.3	22.0	22.0
9-10 PM	526	0.0	321	0.0	1500	526	0	321	0.47	0	65.4	57.8	43.4	22.3	22.3
10-11 PM	484	0.0	295	0.0	1500	484	0	295	0.47	0	65.5	57.9	43.6	22.9	22.9
11PM-MID	334	0.0	203	0.0	1500	334	0	203	0.45	0	65.8	58.3	44.2	25.1	25.1

----- 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	0.0078
MAIN ROUTE WITH WORKS	0.0069
DIVERSION	0.0608

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,219
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
MON-THUR EASTBOUND DIRECTION

