

IH 94: USH 12 TO IH 90/94 (MONROE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: IH 90, USH 12	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	320	0.0	195	0.0	1500	320	0	195	0.45	0	65.8	58.4	44.2	27.5	27.5
1-2 AM	259	0.0	157	0.0	1500	259	0	157	0.45	0	65.9	58.5	44.5	27.9	27.9
2-3 AM	225	0.0	137	0.0	1500	225	0	137	0.44	0	66.0	58.6	44.6	28.2	28.2
3-4 AM	242	0.0	147	0.0	1500	242	0	147	0.45	0	66.0	58.6	44.5	28.1	28.1
4-5 AM	226	0.0	138	0.0	1500	226	0	138	0.44	0	66.0	58.6	44.6	28.2	28.2
5-6 AM	230	0.0	140	0.0	1500	230	0	140	0.44	0	66.0	58.6	44.6	28.1	28.1
6-7 AM	257	0.0	156	0.0	1500	257	0	156	0.45	0	65.9	58.6	44.5	27.9	27.9
7-8 AM	363	0.0	221	0.0	1500	363	0	221	0.46	0	65.7	58.2	44.0	27.2	27.2
8-9 AM	546	0.0	333	0.0	1500	546	0	333	0.48	0	65.4	57.7	43.3	25.9	25.9
9-10 AM	693	0.0	422	0.0	1500	693	0	422	0.49	0	65.1	57.3	42.8	24.8	24.8
10-11 AM	846	0.0	515	0.0	1500	846	0	515	0.50	0	64.8	56.9	42.2	23.7	23.7
11A-NOON	970	0.0	592	0.0	1500	970	0	592	0.52	0	64.6	56.5	41.8	22.9	22.9
NOON-1PM	1002	0.0	611	0.0	1500	1002	0	611	0.52	0	64.5	56.4	41.7	22.6	22.6
1-2 PM	1036	0.0	631	0.0	1500	1036	0	631	0.52	0	64.5	56.3	41.5	22.4	22.4
2-3 PM	1120	0.0	683	0.0	1500	1120	0	683	0.53	0	64.3	56.1	41.2	21.8	21.8
3-4 PM	1194	0.0	728	0.0	1500	1194	0	728	0.63	0	64.1	54.7	38.6	21.2	21.2
4-5 PM	1222	0.0	745	0.0	1500	1222	0	745	0.66	0	64.1	54.2	37.8	21.1	21.1
5-6 PM	1200	0.0	732	0.0	1500	1200	0	732	0.64	0	64.1	54.6	38.4	21.2	21.2
6-7 PM	1037	0.0	632	0.0	1500	1037	0	632	0.52	0	64.5	56.3	41.5	22.4	22.4
7-8 PM	931	0.0	568	0.0	1500	931	0	568	0.51	0	64.6	56.6	41.9	23.1	23.1
8-9 PM	818	0.0	498	0.0	1500	818	0	498	0.50	0	64.8	56.9	42.4	24.0	24.0
9-10 PM	686	0.0	418	0.0	1500	686	0	418	0.49	0	65.1	57.3	42.8	24.9	24.9
10-11 PM	555	0.0	338	0.0	1500	555	0	338	0.48	0	65.3	57.7	43.3	25.8	25.8
11PM-MID	410	0.0	250	0.0	1500	410	0	250	0.46	0	65.6	58.1	43.8	26.9	26.9

----- 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	0.0102
MAIN ROUTE WITH WORKS	0.0091
DIVERSION	0.0798

PIA: Personal Injury Accidents

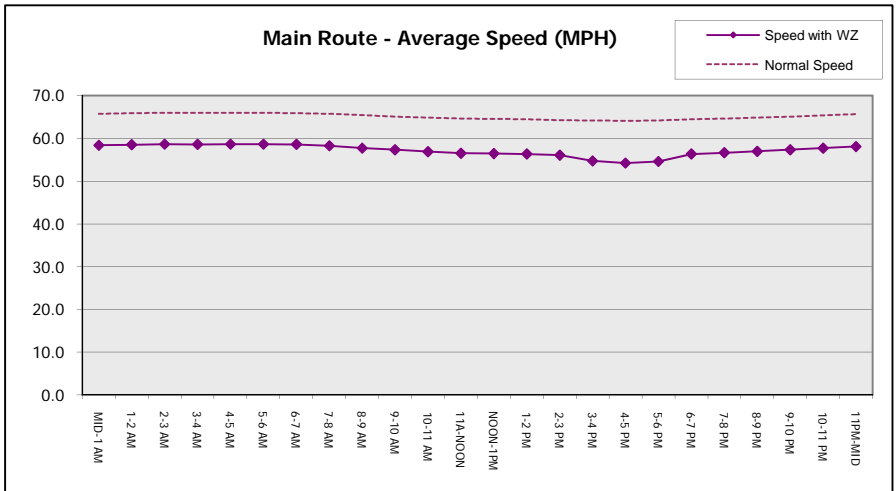
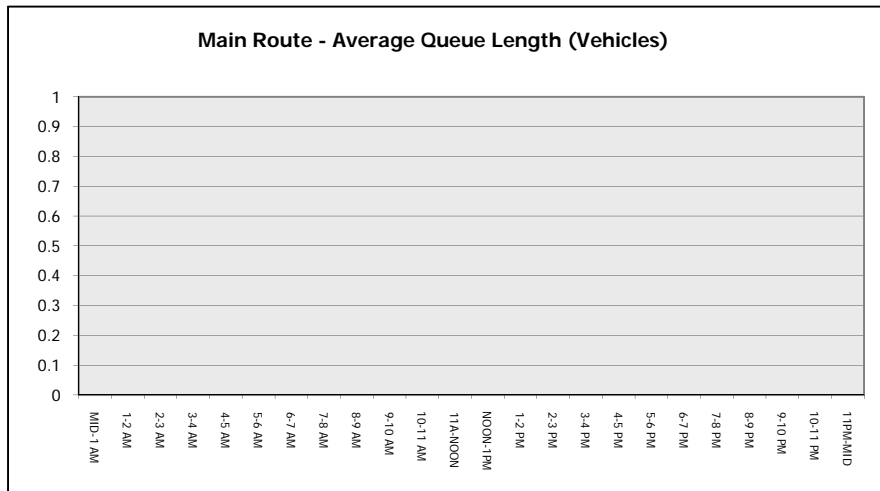
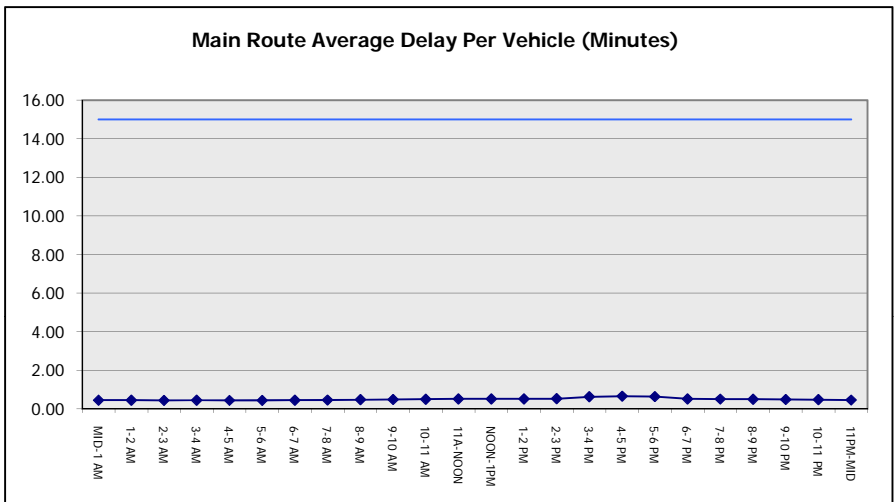
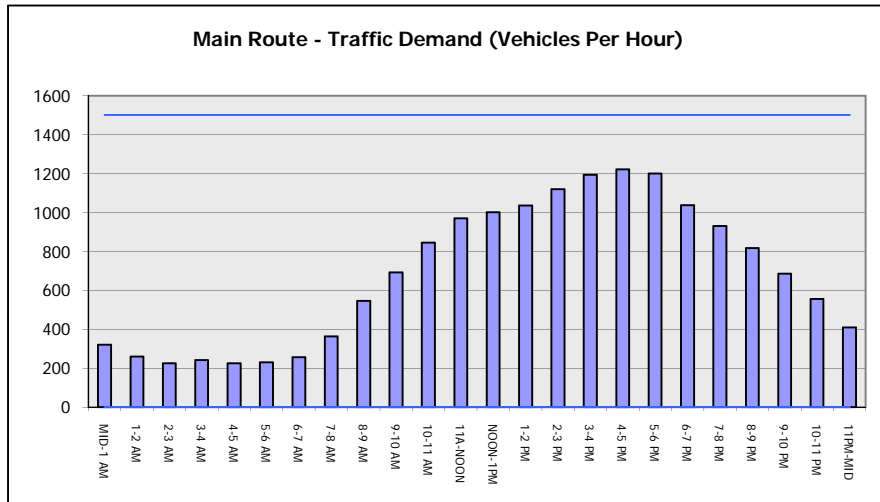
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,762
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

AUGUST
 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	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	337	0.0	205	0.0	1500	337	0	205	0.46	0	65.8	58.3	44.2	25.0	25.0
1-2 AM	251	0.0	152	0.0	1500	251	0	152	0.45	0	65.9	58.6	44.5	26.3	26.3
2-3 AM	271	0.0	165	0.0	1500	271	0	165	0.45	0	65.9	58.5	44.4	26.0	26.0
3-4 AM	152	0.0	93	0.0	1500	152	0	93	0.44	0	66.1	58.8	44.9	27.6	27.6
4-5 AM	369	0.0	225	0.0	1500	369	0	225	0.46	0	65.7	58.2	44.0	24.5	24.5
5-6 AM	250	0.0	152	0.0	1500	250	0	152	0.45	0	66.0	58.6	44.5	26.3	26.3
6-7 AM	361	0.0	220	0.0	1500	361	0	220	0.46	0	65.7	58.2	44.0	24.7	24.7
7-8 AM	533	0.0	325	0.0	1500	533	0	325	0.47	0	65.4	57.8	43.4	22.2	22.2
8-9 AM	517	0.0	316	0.0	1500	517	0	316	0.47	0	65.4	57.8	43.5	22.4	22.4
9-10 AM	644	0.0	393	0.0	1500	644	0	393	0.48	0	65.2	57.4	43.0	20.6	20.6
10-11 AM	742	0.0	453	0.0	1500	742	0	453	0.49	0	65.0	57.1	42.6	19.4	19.4
11A-NOON	876	0.0	534	0.0	1500	876	0	534	0.51	0	64.8	56.8	42.1	17.9	17.9
NOON-1PM	1066	0.0	650	0.0	1500	1066	0	650	0.53	0	64.4	56.3	41.4	15.8	15.8
1-2 PM	971	0.0	592	0.0	1500	971	0	592	0.52	0	64.6	56.5	41.8	16.8	16.8
2-3 PM	1063	0.0	648	0.0	1500	1063	0	648	0.53	0	64.4	56.3	41.5	15.8	15.8
3-4 PM	1063	0.0	648	0.0	1500	1063	0	648	0.53	0	64.4	56.3	41.5	15.8	15.8
4-5 PM	1028	0.0	626	0.0	1500	1028	0	626	0.52	0	64.5	56.4	41.6	16.2	16.2
5-6 PM	1001	0.0	611	0.0	1500	1001	0	611	0.52	0	64.5	56.4	41.7	16.5	16.5
6-7 PM	904	0.0	551	0.0	1500	904	0	551	0.51	0	64.7	56.7	42.0	17.6	17.6
7-8 PM	802	0.0	489	0.0	1500	802	0	489	0.50	0	64.9	57.0	42.4	18.7	18.7
8-9 PM	741	0.0	452	0.0	1500	741	0	452	0.49	0	65.0	57.1	42.6	19.4	19.4
9-10 PM	675	0.0	411	0.0	1500	675	0	411	0.49	0	65.1	57.3	42.8	20.2	20.2
10-11 PM	498	0.0	304	0.0	1500	498	0	304	0.47	0	65.5	57.8	43.5	22.7	22.7
11PM-MID	465	0.0	283	0.0	1500	465	0	283	0.47	0	65.5	57.9	43.7	23.2	23.2

----- 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	0.0097
MAIN ROUTE WITH WORKS	0.0086
DIVERSION	0.0758

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,580
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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR EASTBOUND DIRECTION

