

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

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	456	0.0	278	0.0	1500	456	0	278	0.47	0	65.5	57.9	43.7	26.5	26.5
1-2 AM	281	0.0	171	0.0	1500	281	0	171	0.45	0	65.9	58.4	44.3	27.8	27.8
2-3 AM	273	0.0	166	0.0	1500	273	0	166	0.45	0	65.9	58.5	44.4	27.8	27.8
3-4 AM	212	0.0	129	0.0	1500	212	0	129	0.44	0	66.0	58.7	44.6	28.3	28.3
4-5 AM	231	0.0	141	0.0	1500	231	0	141	0.44	0	66.0	58.6	44.6	28.1	28.1
5-6 AM	223	0.0	136	0.0	1500	223	0	136	0.44	0	66.0	58.6	44.6	28.2	28.2
6-7 AM	265	0.0	161	0.0	1500	265	0	161	0.45	0	65.9	58.5	44.4	27.9	27.9
7-8 AM	378	0.0	231	0.0	1500	378	0	231	0.46	0	65.7	58.2	44.0	27.1	27.1
8-9 AM	599	0.0	364	0.0	1500	599	0	364	0.48	0	65.3	57.6	43.2	25.5	25.5
9-10 AM	877	0.0	535	0.0	1500	877	0	535	0.51	0	64.8	56.8	42.1	23.5	23.5
10-11 AM	1247	0.0	760	0.0	1500	1247	0	760	0.70	0	64.1	53.8	37.0	20.9	20.9
11A-NOON	1452	0.0	885	0.0	1499	1452	0	885	0.96	0	63.7	50.5	31.8	19.5	19.5
NOON-1PM	1533	0.0	934	0.0	1499	1533	0	934	1.75	20	63.5	43.1	30.8	19.1	19.1
1-2 PM	1339	0.0	817	0.0	1500	1339	0	817	0.96	4	63.9	50.7	34.3	20.2	20.2
2-3 PM	1331	0.0	812	0.0	1500	1331	0	812	0.81	0	63.9	52.4	34.7	20.2	20.2
3-4 PM	1295	0.0	789	0.0	1500	1295	0	789	0.76	0	64.0	53.0	35.6	20.6	20.6
4-5 PM	1190	0.0	725	0.0	1500	1190	0	725	0.62	0	64.1	54.8	38.8	21.3	21.3
5-6 PM	1094	0.0	667	0.0	1500	1094	0	667	0.53	0	64.3	56.2	41.4	22.0	22.0
6-7 PM	921	0.0	562	0.0	1500	921	0	562	0.51	0	64.6	56.6	42.0	23.2	23.2
7-8 PM	778	0.0	474	0.0	1500	778	0	474	0.50	0	65.0	57.1	42.5	24.2	24.2
8-9 PM	694	0.0	423	0.0	1500	694	0	423	0.49	0	65.1	57.3	42.8	24.8	24.8
9-10 PM	551	0.0	336	0.0	1500	551	0	336	0.48	0	65.3	57.7	43.3	25.8	25.8
10-11 PM	449	0.0	274	0.0	1500	449	0	274	0.47	0	65.6	58.0	43.7	26.6	26.6
11PM-MID	336	0.0	205	0.0	1500	336	0	205	0.46	0	65.8	58.3	44.2	27.4	27.4

----- 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	0.0112
MAIN ROUTE WITH WORKS	0.0100
DIVERSION	0.0877

PIA: Personal Injury Accidents

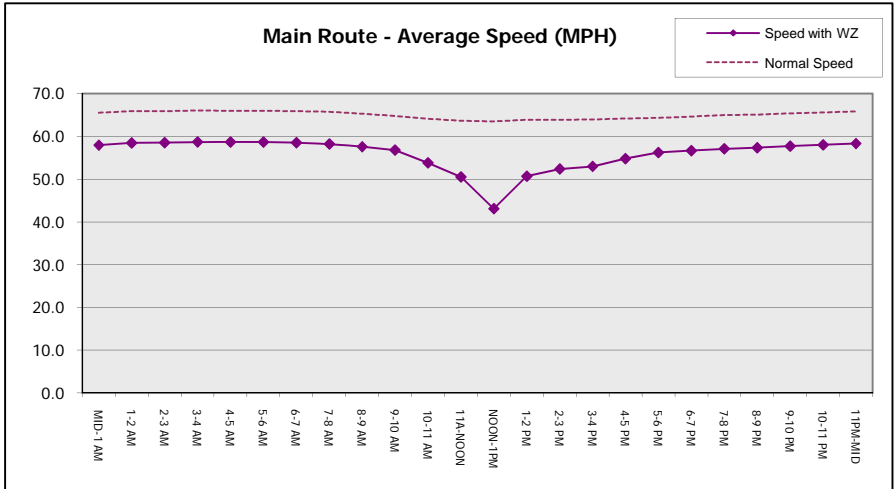
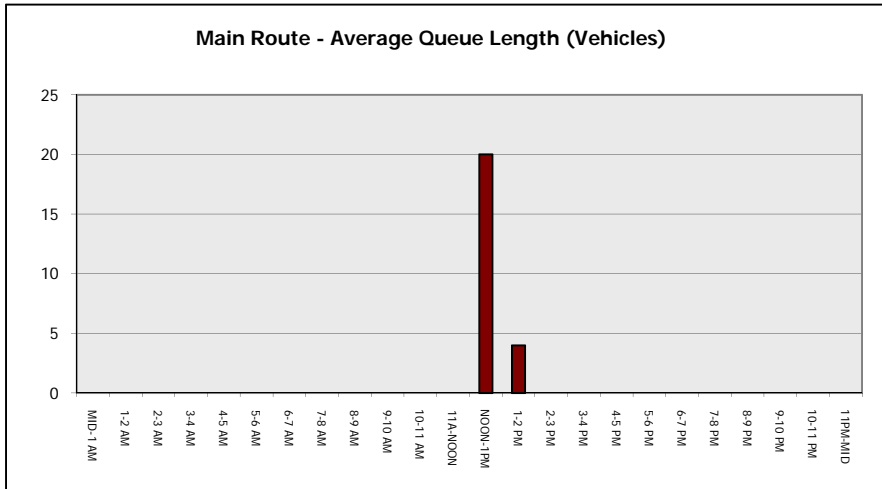
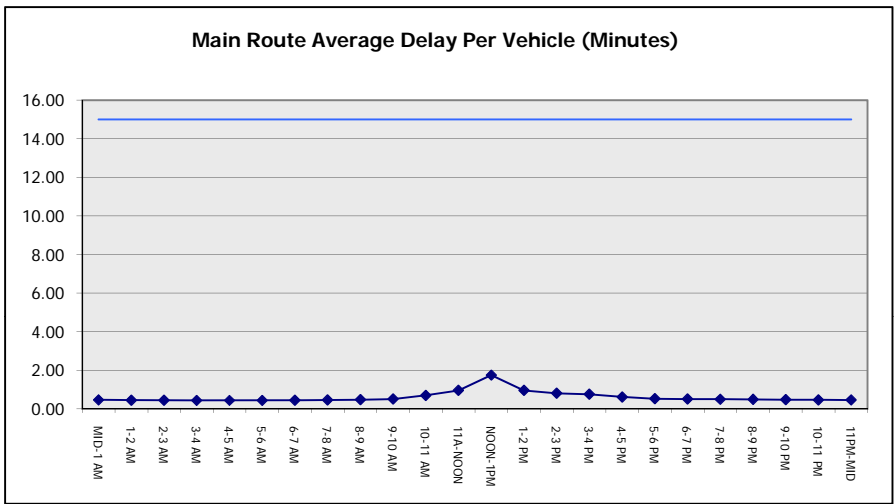
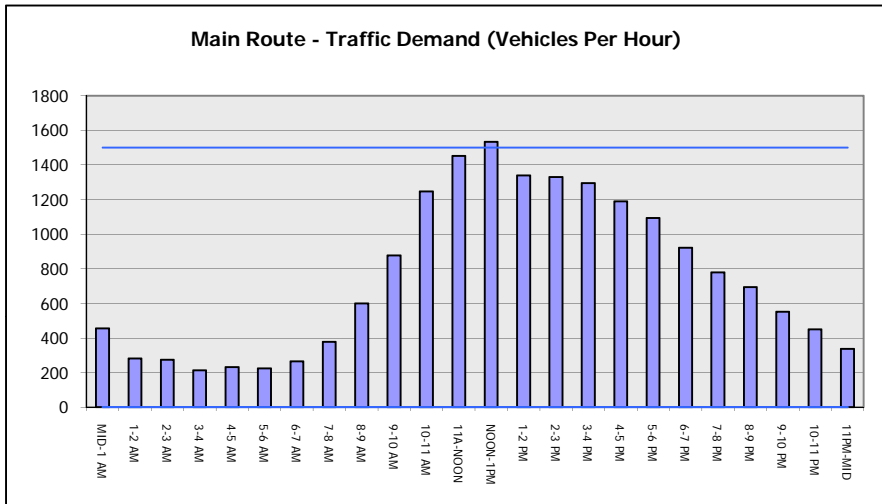
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,422
CONGESTED HOURS PER DAY*	0

*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
SATURDAY 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

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	369	0.0	225	0.0	1500	369	0	225	0.46	0	65.7	58.2	44.0	24.5	24.5
1-2 AM	281	0.0	171	0.0	1500	281	0	171	0.45	0	65.9	58.4	44.3	25.8	25.8
2-3 AM	337	0.0	206	0.0	1500	337	0	206	0.46	0	65.8	58.3	44.2	25.0	25.0
3-4 AM	198	0.0	121	0.0	1500	198	0	121	0.44	0	66.0	58.7	44.7	27.0	27.0
4-5 AM	587	0.0	358	0.0	1500	587	0	358	0.48	0	65.3	57.6	43.2	21.4	21.4
5-6 AM	159	0.0	96	0.0	1500	159	0	96	0.44	0	66.1	58.8	44.8	27.6	27.6
6-7 AM	191	0.0	117	0.0	1500	191	0	117	0.44	0	66.0	58.7	44.7	27.1	27.1
7-8 AM	297	0.0	182	0.0	1500	297	0	182	0.45	0	65.8	58.4	44.3	25.6	25.6
8-9 AM	1105	0.0	674	0.0	1500	1105	0	674	0.53	0	64.3	56.1	41.3	15.3	15.3
9-10 AM	701	0.0	427	0.0	1500	701	0	427	0.49	0	65.1	57.3	42.7	19.8	19.8
10-11 AM	1044	0.0	636	0.0	1500	1044	0	636	0.52	0	64.5	56.3	41.5	16.0	16.0
11A-NOON	1329	0.0	811	0.0	1500	1329	0	811+	0.80	0	63.9	52.4	34.7	13.0	13.0
NOON-1PM	1435	0.0	875	0.0	1500	1435	0	875+	0.94	0	63.7	50.7	32.2	12.0	12.0
1-2 PM	1380	0.0	841	0.0	1500	1380	0	841+	0.87	0	63.8	51.6	33.5	12.5	12.5
2-3 PM	1263	0.0	770	0.0	1500	1263	0	770+	0.72	0	64.0	53.5	36.5	13.6	13.6
3-4 PM	1188	0.0	724	0.0	1500	1188	0	724	0.62	0	64.1	54.8	38.8	14.4	14.4
4-5 PM	1118	0.0	681	0.0	1500	1118	0	681	0.53	0	64.3	56.1	41.2	15.2	15.2
5-6 PM	1014	0.0	618	0.0	1500	1014	0	618	0.52	0	64.5	56.4	41.6	16.3	16.3
6-7 PM	873	0.0	532	0.0	1500	873	0	532	0.51	0	64.8	56.8	42.1	17.9	17.9
7-8 PM	764	0.0	466	0.0	1500	764	0	466	0.50	0	65.0	57.1	42.5	19.1	19.1
8-9 PM	617	0.0	376	0.0	1500	617	0	376	0.48	0	65.2	57.5	43.0	21.0	21.0
9-10 PM	518	0.0	316	0.0	1500	518	0	316	0.47	0	65.4	57.8	43.4	22.4	22.4
10-11 PM	421	0.0	257	0.0	1500	421	0	257	0.46	0	65.6	58.1	43.8	23.8	23.8
11PM-MID	343	0.0	209	0.0	1500	343	0	209	0.46	0	65.8	58.3	44.1	24.9	24.9

+ INDICATES DIVERSION FLOW EXCEEDS USER-SPECIFIED WARNING LIMIT

----- 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	0.0109
MAIN ROUTE WITH WORKS	0.0097
DIVERSION	0.0854

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,761
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
SATURDAY EASTBOUND DIRECTION

