

IH 94: USH 12 TO IH 90/94 (MONROE COUNTY) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: IH 90 - USH 12	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	384	0.0	233	0.0	OFF	384	0	233	0.00	0	65.6	65.6	65.6	27.1	27.1
1-2 AM	308	0.0	188	0.0	OFF	308	0	188	0.00	0	65.8	65.8	65.8	27.6	27.6
2-3 AM	283	0.0	172	0.0	OFF	283	0	172	0.00	0	65.9	65.9	65.9	27.8	27.8
3-4 AM	282	0.0	171	0.0	OFF	282	0	171	0.00	0	65.9	65.9	65.9	27.8	27.8
4-5 AM	284	0.0	172	0.0	OFF	284	0	172	0.00	0	65.8	65.8	65.8	27.8	27.8
5-6 AM	272	0.0	165	0.0	OFF	272	0	165	0.00	0	65.9	65.9	65.9	27.9	27.9
6-7 AM	303	0.0	185	0.0	OFF	303	0	185	0.00	0	65.8	65.8	65.8	27.6	27.6
7-8 AM	424	0.0	259	0.0	OFF	424	0	259	0.00	0	65.6	65.6	65.6	26.8	26.8
8-9 AM	649	0.0	396	0.0	OFF	649	0	396	0.00	0	65.2	65.2	65.2	25.2	25.2
9-10 AM	842	0.0	513	0.0	1500	842	0	513	0.50	0	64.8	56.9	42.2	23.8	23.8
10-11 AM	1199	0.0	731	0.0	1500	1199	0	731	0.64	0	64.1	54.6	38.5	21.2	21.2
11A-NOON	1370	0.0	835	0.0	1499	1370	0	835	0.86	0	63.8	51.7	33.7	20.0	20.0
NOON-1PM	1578	0.0	962	0.0	1499	1578	0	962	2.13	32	63.5	40.2	30.8	18.8	18.8
1-2 PM	1573	0.0	959	0.0	1499	1573	0	959	4.95	107	63.5	27.1	30.8	18.8	18.8
2-3 PM	1780	0.0	1085	0.0	1500	1780	0	1085	10.93	282	63.1	16.0	30.8	17.7	17.7
3-4 PM	1823	0.0	1111	0.0	1499	1688	135	1246	21.26	549	63.0	9.9	30.8	17.5	16.6
4-5 PM	1826	0.0	1113	0.0	OFF	1826	0	1113	1.41	87	63.0	45.6	45.6	17.4	17.4
5-6 PM	1863	0.0	1135	0.0	OFF	1863	0	1135	0.00	0	62.9	62.9	62.9	17.2	17.2
6-7 PM	1710	0.0	1042	0.0	OFF	1710	0	1042	0.00	0	63.2	63.2	63.2	18.1	18.1
7-8 PM	1551	0.0	946	0.0	OFF	1551	0	946	0.00	0	63.5	63.5	63.5	18.9	18.9
8-9 PM	1530	0.0	932	0.0	OFF	1530	0	932	0.00	0	63.5	63.5	63.5	19.1	19.1
9-10 PM	1269	0.0	773	0.0	OFF	1269	0	773	0.00	0	64.0	64.0	64.0	20.7	20.7
10-11 PM	918	0.0	560	0.0	OFF	918	0	560	0.00	0	64.6	64.6	64.6	23.2	23.2
11PM-MID	693	0.0	422	0.0	OFF	693	0	422	0.00	0	65.1	65.1	65.1	24.8	24.8

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

----- 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	0.0153
MAIN ROUTE WITH WORKS	0.0146
DIVERSION	0.1214

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$14,580
CONGESTED HOURS PER DAY*	1

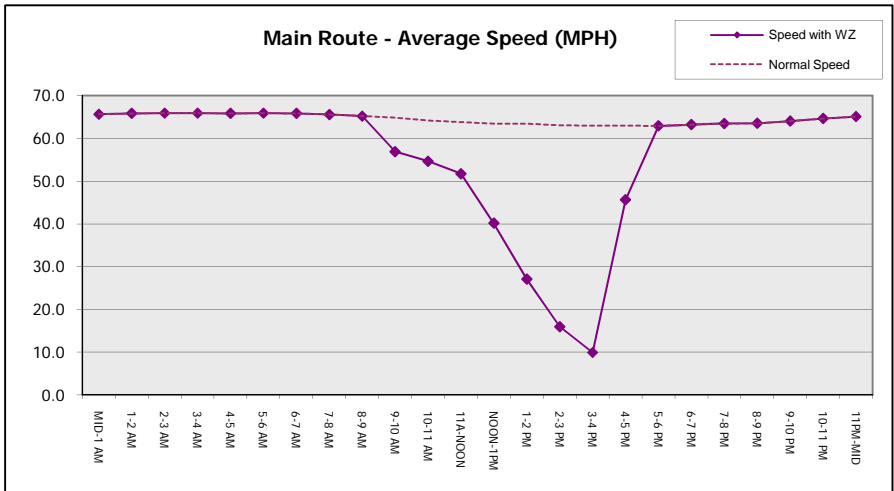
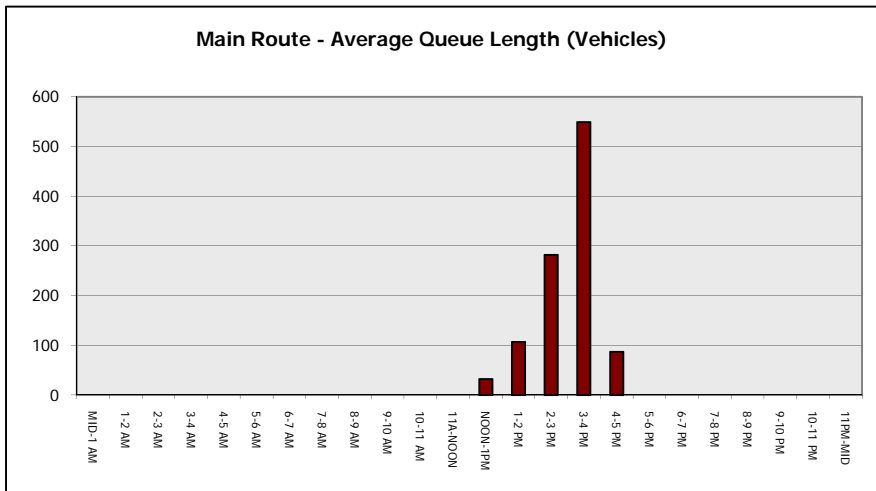
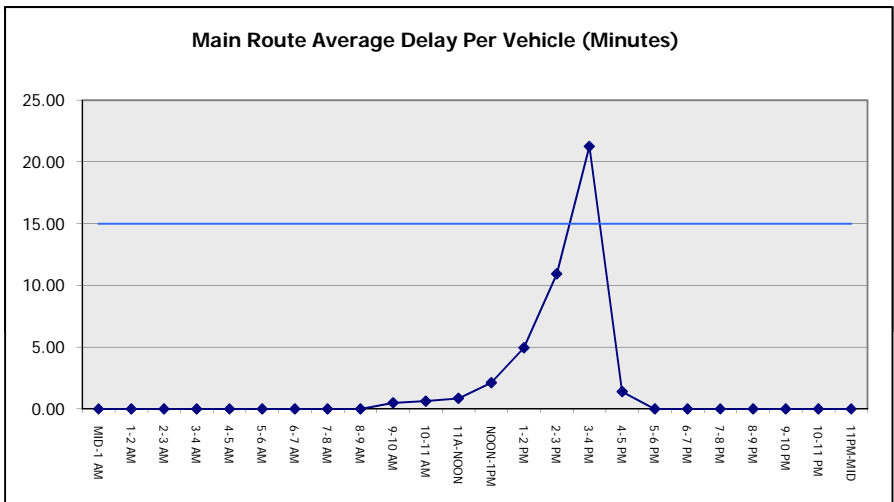
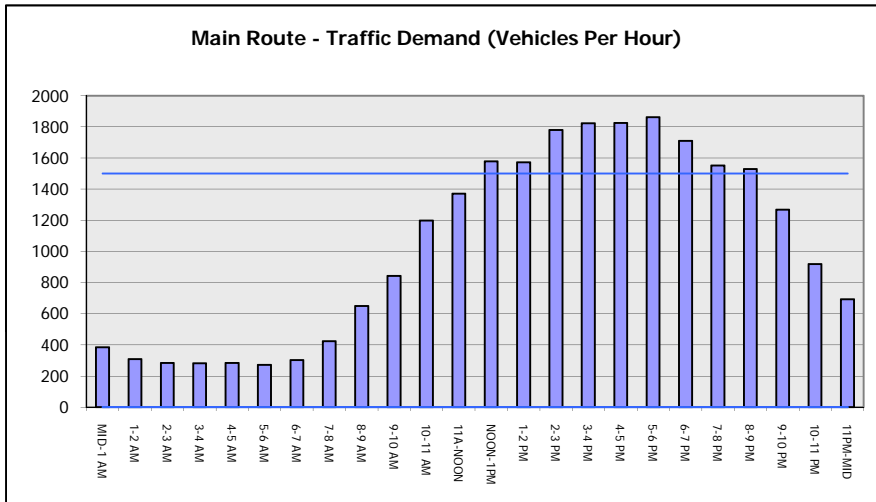
*Delays Exceeding 15 Minutes

IH 94: USH 12 TO IH 90/94 (MONROE COUNTY)
OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: IH 90 - USH 12

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY WESTBOUND DIRECTION



IH 94: USH 12 TO IH 90/94 (MONROE COUNTY) OFF-PEAK DAY CLOSURE DIVERSION ROUTE: IH 90 - USH 12	AUGUST
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SUMMARY OF TRAFFIC MODEL OUTPUT	
FRIDAY	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	479	0.0	292	0.0	OFF	479	0	292	0.00	0	65.5	65.5	65.5	23.0	23.0
1-2 AM	418	0.0	255	0.0	OFF	418	0	255	0.00	0	65.6	65.6	65.6	23.8	23.8
2-3 AM	252	0.0	153	0.0	OFF	252	0	153	0.00	0	65.9	65.9	65.9	26.2	26.2
3-4 AM	189	0.0	115	0.0	OFF	189	0	115	0.00	0	66.0	66.0	66.0	27.1	27.1
4-5 AM	220	0.0	134	0.0	OFF	220	0	134	0.00	0	66.0	66.0	66.0	26.7	26.7
5-6 AM	249	0.0	151	0.0	OFF	249	0	151	0.00	0	66.0	66.0	66.0	26.3	26.3
6-7 AM	422	0.0	258	0.0	OFF	422	0	258	0.00	0	65.6	65.6	65.6	23.8	23.8
7-8 AM	377	0.0	230	0.0	OFF	377	0	230	0.00	0	65.7	65.7	65.7	24.4	24.4
8-9 AM	516	0.0	315	0.0	OFF	516	0	315	0.00	0	65.5	65.5	65.5	22.5	22.5
9-10 AM	695	0.0	424	0.0	1500	695	0	424	0.49	0	65.1	57.3	42.8	19.9	19.9
10-11 AM	889	0.0	542	0.0	1500	889	0	542	0.51	0	64.7	56.8	42.0	17.8	17.8
11A-NOON	1508	0.0	919	0.0	1499	1508	0	919+	1.24	6	63.6	47.6	31.2	11.4	11.4
NOON-1PM	1270	0.0	774	0.0	1500	1270	0	774+	0.77	1	64.0	52.9	36.5	13.5	13.6
1-2 PM	2195	0.0	1338	0.0	1499	2195	0	1338+	10.63	327	62.3	16.6	30.8	10.6	10.7
2-3 PM	1915	0.0	1167	0.0	1499	1730	184	1351+	33.30	874	62.8	8.1	30.8	10.6	12.0
3-4 PM	1579	0.0	962	0.0	1499	1485	94	1056+	35.34	926	63.5	7.9	30.8	11.0	12.2
4-5 PM	1513	0.0	922	0.0	OFF	1513	0	922+	2.61	166	63.6	37.2	37.2	11.4	11.4
5-6 PM	1736	0.0	1058	0.0	OFF	1736	0	1058+	0.00	0	63.2	63.2	63.2	10.6	10.6
6-7 PM	1521	0.0	926	0.0	OFF	1521	0	926+	0.00	0	63.5	63.5	63.5	11.3	11.3
7-8 PM	1149	0.0	700	0.0	OFF	1149	0	700	0.00	0	64.3	64.3	64.3	14.8	14.8
8-9 PM	1443	0.0	880	0.0	OFF	1443	0	880+	0.00	0	63.7	63.7	63.7	12.0	12.0
9-10 PM	1372	0.0	836	0.0	OFF	1372	0	836+	0.00	0	63.8	63.8	63.8	12.6	12.6
10-11 PM	845	0.0	515	0.0	OFF	845	0	515	0.00	0	64.8	64.8	64.8	18.2	18.2
11PM-MID	1183	0.0	721	0.0	OFF	1183	0	721	0.00	0	64.2	64.2	64.2	14.5	14.5

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

+ 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	0.0149
MAIN ROUTE WITH WORKS	0.0140
DIVERSION	0.1187

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$29,532
CONGESTED HOURS PER DAY*	2

*Delays Exceeding 15 Minutes

IH 94: USH 12 TO IH 90/94 (MONROE COUNTY)
OFF-PEAK DAY CLOSURE
DIVERSION ROUTE: IH 90 - USH 12

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

