

IH 94: USH 12 TO IH 90/94 (MONROE COUNTY) NIGHTTIME 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	1500	384	0	233	0.46	0	65.6	58.2	44.0	27.1	27.1
1-2 AM	308	0.0	188	0.0	1500	308	0	188	0.45	0	65.8	58.4	44.3	27.6	27.6
2-3 AM	283	0.0	172	0.0	1500	283	0	172	0.45	0	65.9	58.4	44.3	27.8	27.8
3-4 AM	282	0.0	171	0.0	1500	282	0	171	0.45	0	65.9	58.4	44.3	27.8	27.8
4-5 AM	284	0.0	172	0.0	1500	284	0	172	0.45	0	65.8	58.4	44.3	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	OFF	842	0	513	0.00	0	64.8	64.8	64.8	23.8	23.8
10-11 AM	1199	0.0	731	0.0	OFF	1199	0	731	0.00	0	64.1	64.1	64.1	21.2	21.2
11A-NOON	1370	0.0	835	0.0	OFF	1370	0	835	0.00	0	63.8	63.8	63.8	20.0	20.0
NOON-1PM	1578	0.0	962	0.0	OFF	1578	0	962	0.00	0	63.5	63.5	63.5	18.8	18.8
1-2 PM	1573	0.0	959	0.0	OFF	1573	0	959	0.00	0	63.5	63.5	63.5	18.8	18.8
2-3 PM	1780	0.0	1085	0.0	OFF	1780	0	1085	0.00	0	63.1	63.1	63.1	17.7	17.7
3-4 PM	1823	0.0	1111	0.0	OFF	1823	0	1111	0.00	0	63.0	63.0	63.0	17.5	17.5
4-5 PM	1826	0.0	1113	0.0	OFF	1826	0	1113	0.00	0	63.0	63.0	63.0	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	1499	1551	0	946	2.14	31	63.5	40.2	30.8	18.9	18.9
8-9 PM	1530	0.0	932	0.0	1500	1530	0	932	3.80	75	63.5	31.3	30.8	19.1	19.1
9-10 PM	1269	0.0	773	0.0	1499	1269	0	773	1.39	21	64.0	46.4	35.6	20.7	20.7
10-11 PM	918	0.0	560	0.0	1500	918	0	560	0.51	0	64.6	56.7	42.0	23.2	23.2
11PM-MID	693	0.0	422	0.0	1500	693	0	422	0.49	0	65.1	57.3	42.8	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 (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	0.0153
MAIN ROUTE WITH WORKS	0.0149
DIVERSION	0.1203

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,861
CONGESTED HOURS PER DAY*	0

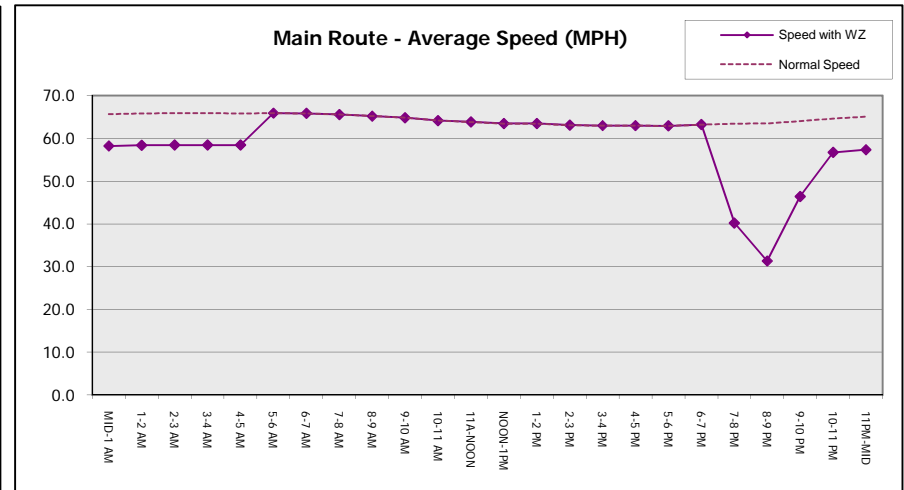
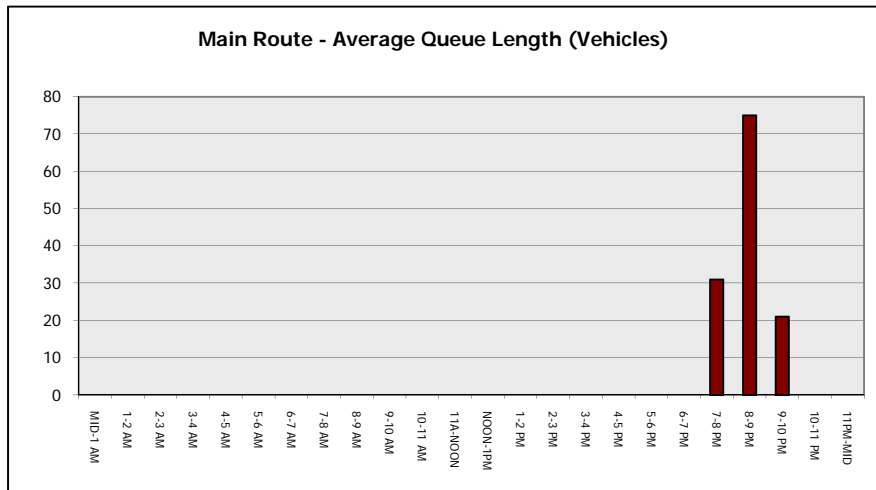
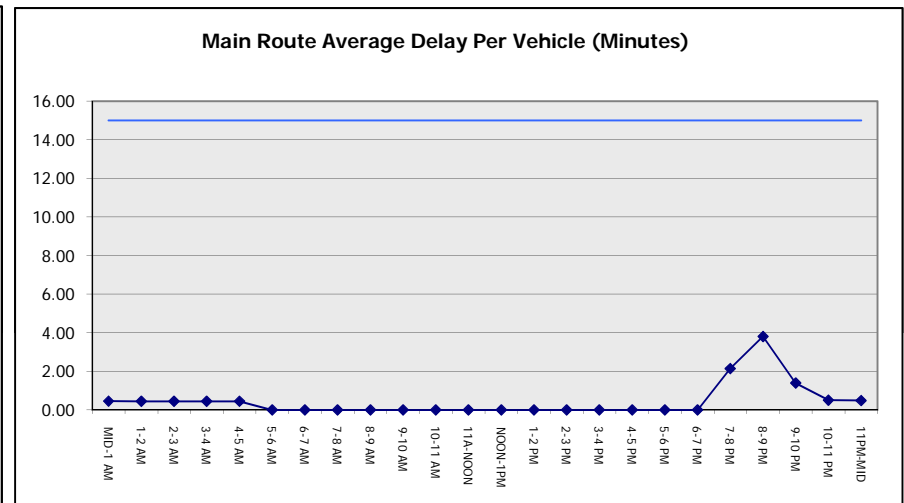
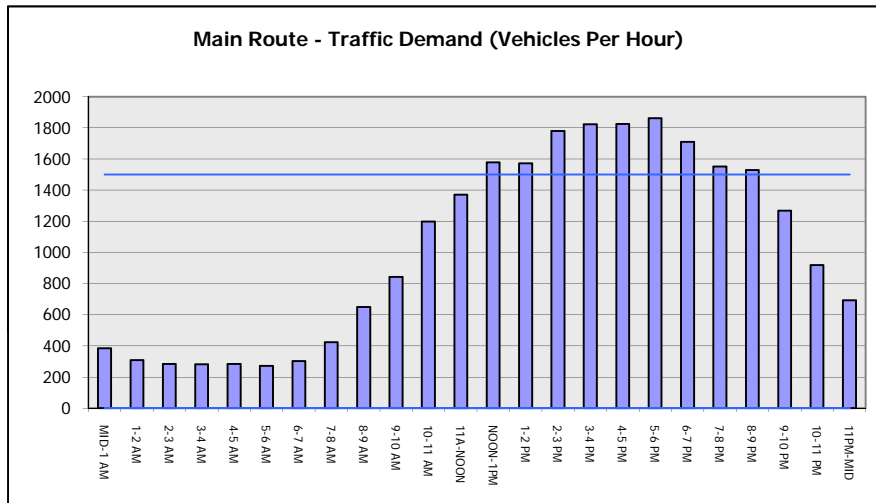
*Delays Exceeding 15 Minutes

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

AUGUST
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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY WESTBOUND DIRECTION



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

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	1500	479	0	292	0.47	0	65.5	57.9	43.6	23.0	23.0
1-2 AM	418	0.0	255	0.0	1500	418	0	255	0.46	0	65.6	58.1	43.8	23.8	23.8
2-3 AM	252	0.0	153	0.0	1500	252	0	153	0.45	0	65.9	58.6	44.5	26.2	26.2
3-4 AM	189	0.0	115	0.0	1500	189	0	115	0.44	0	66.0	58.7	44.7	27.1	27.1
4-5 AM	220	0.0	134	0.0	1500	220	0	134	0.44	0	66.0	58.6	44.6	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	OFF	695	0	424	0.00	0	65.1	65.1	65.1	19.9	19.9
10-11 AM	889	0.0	542	0.0	OFF	889	0	542	0.00	0	64.7	64.7	64.7	17.8	17.8
11A-NOON	1508	0.0	919	0.0	OFF	1508	0	919+	0.00	0	63.6	63.6	63.6	11.4	11.4
NOON-1PM	1270	0.0	774	0.0	OFF	1270	0	774+	0.00	0	64.0	64.0	64.0	13.5	13.5
1-2 PM	2195	0.0	1338	0.0	OFF	2195	0	1338+	0.00	0	62.3	62.3	62.3	10.6	10.6
2-3 PM	1915	0.0	1167	0.0	OFF	1915	0	1167+	0.00	0	62.8	62.8	62.8	10.6	10.6
3-4 PM	1579	0.0	962	0.0	OFF	1579	0	962+	0.00	0	63.5	63.5	63.5	11.0	11.0
4-5 PM	1513	0.0	922	0.0	OFF	1513	0	922+	0.00	0	63.6	63.6	63.6	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	1500	1149	0	700	0.57	0	64.3	55.6	40.2	14.8	14.8
8-9 PM	1443	0.0	880	0.0	1500	1443	0	880+	0.95	0	63.7	50.6	32.0	12.0	12.0
9-10 PM	1372	0.0	836	0.0	1500	1372	0	836+	0.86	0	63.8	51.7	33.7	12.6	12.6
10-11 PM	845	0.0	515	0.0	1500	845	0	515	0.50	0	64.8	56.9	42.2	18.2	18.2
11PM-MID	1183	0.0	721	0.0	1500	1183	0	721	0.61	0	64.2	54.9	39.0	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	0.0144
DIVERSION	0.1165

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,167
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

