

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

SUNDAY 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	246	0.0	149	0.0	OFF	246	0	149	0.00	0	66.0	66.0	66.0	28.1	28.1
1-2 AM	163	0.0	99	0.0	OFF	163	0	99	0.00	0	66.1	66.1	66.1	28.6	28.6
2-3 AM	134	0.0	82	0.0	OFF	134	0	82	0.00	0	66.1	66.1	66.1	28.8	28.8
3-4 AM	108	0.0	65	0.0	OFF	108	0	65	0.00	0	66.2	66.2	66.2	29.1	29.1
4-5 AM	93	0.0	57	0.0	OFF	93	0	57	0.00	0	66.2	66.2	66.2	29.1	29.1
5-6 AM	88	0.0	54	0.0	OFF	88	0	54	0.00	0	66.2	66.2	66.2	29.2	29.2
6-7 AM	115	0.0	70	0.0	OFF	115	0	70	0.00	0	66.2	66.2	66.2	29.0	29.0
7-8 AM	178	0.0	109	0.0	OFF	178	0	109	0.00	0	66.1	66.1	66.1	28.5	28.5
8-9 AM	315	0.0	192	0.0	OFF	315	0	192	0.00	0	65.8	65.8	65.8	27.6	27.6
9-10 AM	486	0.0	296	0.0	1500	486	0	296	0.47	0	65.5	57.9	43.5	26.3	26.3
10-11 AM	810	0.0	494	0.0	1500	810	0	494	0.50	0	64.9	56.9	42.4	24.0	24.0
11A-NOON	1135	0.0	692	0.0	1499	1135	0	692	0.59	0	64.3	55.3	39.7	21.7	21.7
NOON-1PM	1484	0.0	905	0.0	1499	1484	0	905	1.20	6	63.6	48.0	31.7	19.3	19.3
1-2 PM	1689	0.0	1030	0.0	1500	1689	0	1030	4.63	108	63.2	28.1	30.8	18.2	18.2
2-3 PM	1910	0.0	1165	0.0	1500	1892	18	1183	15.33	408	62.8	12.5	30.8	17.0	16.9
3-4 PM	2020	0.0	1232	0.0	1499	1676	344	1575+	27.26	710	62.6	8.8	30.8	16.3	14.3
4-5 PM	2088	0.0	1273	0.0	1500	1573	515	1789+	31.59	827	62.5	8.3	30.8	16.0	13.0
5-6 PM	2042	0.0	1245	0.0	1500	1455	587	1832+	32.62	854	62.6	8.2	30.8	16.2	12.8
6-7 PM	1609	0.0	981	0.0	1500	1182	427	1408	24.28	633	63.4	9.3	30.8	18.6	15.5
7-8 PM	1505	0.0	917	0.0	OFF	1505	0	917	0.79	48	63.6	52.4	52.4	19.2	19.2
8-9 PM	1206	0.0	736	0.0	OFF	1206	0	736	0.00	0	64.1	64.1	64.1	21.2	21.2
9-10 PM	909	0.0	554	0.0	OFF	909	0	554	0.00	0	64.7	64.7	64.7	23.3	23.3
10-11 PM	711	0.0	433	0.0	OFF	711	0	433	0.00	0	65.1	65.1	65.1	24.7	24.7
11PM-MID	521	0.0	318	0.0	OFF	521	0	318	0.00	0	65.4	65.4	65.4	26.1	26.1

"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 (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	0.0134
MAIN ROUTE WITH WORKS	0.0113
DIVERSION	0.1201

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$78,604
CONGESTED HOURS PER DAY*	5

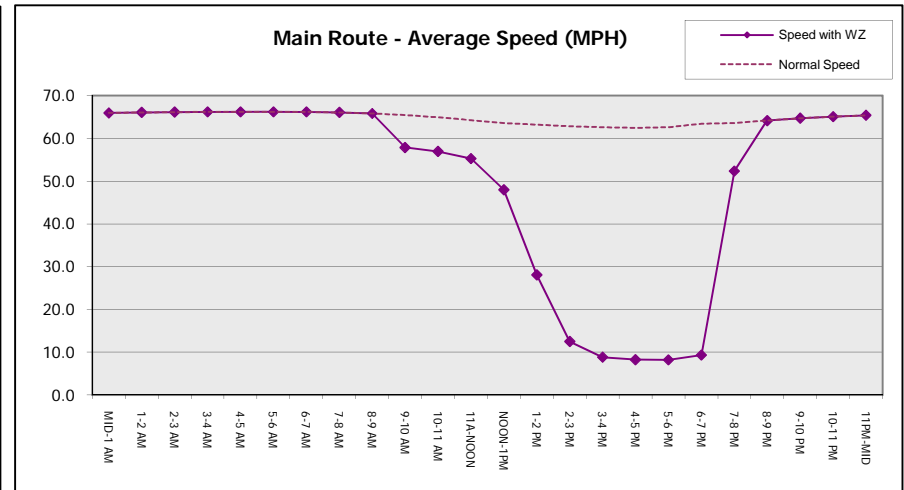
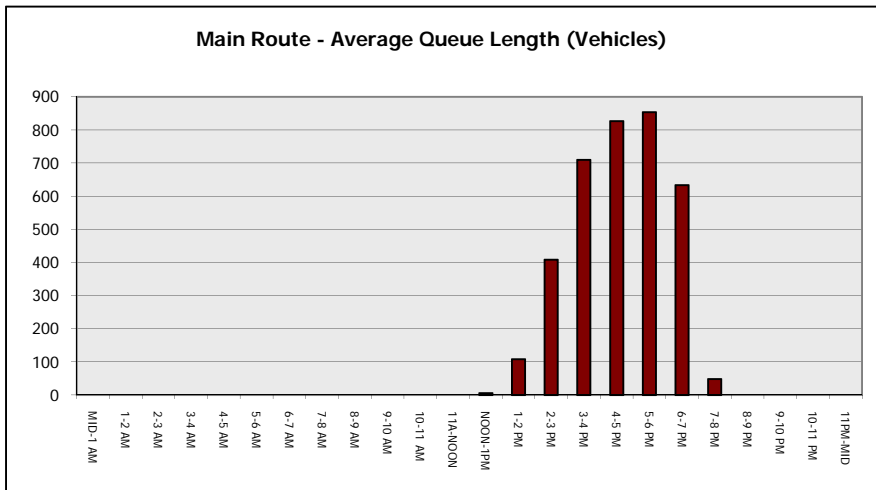
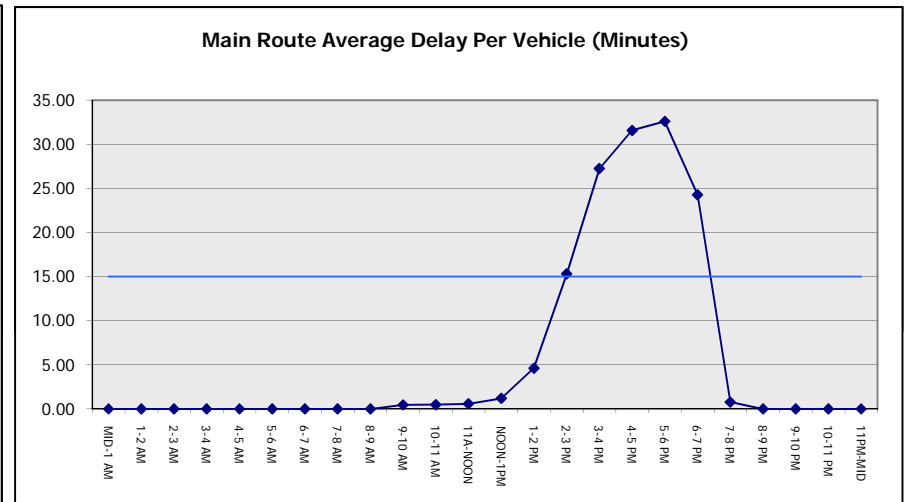
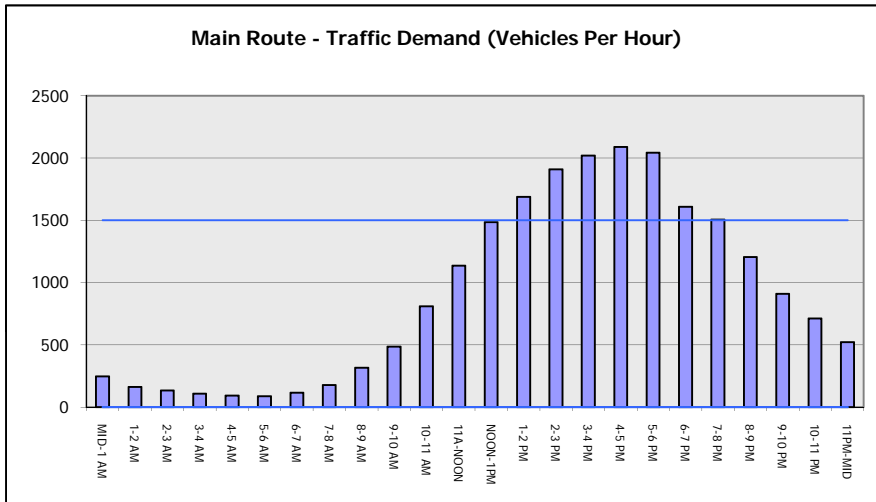
*Delays Exceeding 15 Minutes

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

SUNDAY WESTBOUND DIRECTION



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	
SUNDAY	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	273	0.0	166	0.0	OFF	273	0	166	0.00	0	65.9	65.9	65.9	25.9	25.9
1-2 AM	178	0.0	109	0.0	OFF	178	0	109	0.00	0	66.1	66.1	66.1	27.3	27.3
2-3 AM	129	0.0	79	0.0	OFF	129	0	79	0.00	0	66.1	66.1	66.1	27.9	27.9
3-4 AM	112	0.0	68	0.0	OFF	112	0	68	0.00	0	66.2	66.2	66.2	28.2	28.2
4-5 AM	98	0.0	60	0.0	OFF	98	0	60	0.00	0	66.2	66.2	66.2	28.4	28.4
5-6 AM	91	0.0	56	0.0	OFF	91	0	56	0.00	0	66.2	66.2	66.2	28.5	28.5
6-7 AM	105	0.0	64	0.0	OFF	105	0	64	0.00	0	66.2	66.2	66.2	28.3	28.3
7-8 AM	164	0.0	100	0.0	OFF	164	0	100	0.00	0	66.1	66.1	66.1	27.4	27.4
8-9 AM	321	0.0	196	0.0	OFF	321	0	196	0.00	0	65.8	65.8	65.8	25.2	25.2
9-10 AM	555	0.0	339	0.0	1500	555	0	339	0.48	0	65.3	57.7	43.3	21.9	21.9
10-11 AM	893	0.0	544	0.0	1500	893	0	544	0.51	0	64.7	56.8	42.0	17.7	17.7
11A-NOON	1241	0.0	756	0.0	1499	1241	0	756	0.69	0	64.1	54.0	37.3	13.8	13.9
NOON-1PM	1541	0.0	940	0.0	1499	1541	0	940+	1.42	12	63.5	45.8	30.9	11.1	11.2
1-2 PM	1695	0.0	1033	0.0	1500	1695	0	1033+	5.74	137	63.2	24.8	30.8	10.6	10.6
2-3 PM	1825	0.0	1112	0.0	1500	1825	0	1112+	15.31	401	63.0	12.4	30.8	10.6	10.6
3-4 PM	1883	0.0	1148	0.0	1500	1883	0	1148+	28.93	760	62.9	8.6	30.8	10.6	11.6
4-5 PM	1851	0.0	1128	0.0	1499	1498	353	1481+	35.49	931	62.9	7.9	30.8	10.6	12.2
5-6 PM	1628	0.0	992	0.0	1499	1476	152	1144+	35.28	924	63.3	7.9	30.8	10.7	12.2
6-7 PM	1437	0.0	876	0.0	1499	1366	71	947+	33.27	870	63.7	8.1	30.8	12.0	12.7
7-8 PM	1232	0.0	751	0.0	OFF	1232	0	751	1.79	113	64.1	43.0	43.0	13.9	13.9
8-9 PM	957	0.0	583	0.0	OFF	957	0	583	0.00	0	64.6	64.6	64.6	17.0	17.0
9-10 PM	759	0.0	463	0.0	OFF	759	0	463	0.00	0	65.0	65.0	65.0	19.2	19.2
10-11 PM	601	0.0	366	0.0	OFF	601	0	366	0.00	0	65.3	65.3	65.3	21.2	21.2
11PM-MID	414	0.0	253	0.0	OFF	414	0	253	0.00	0	65.6	65.6	65.6	23.9	23.9

"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	0.0124
MAIN ROUTE WITH WORKS	0.0111
DIVERSION	0.1019

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$78,892
CONGESTED HOURS PER DAY*	5

*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
SUNDAY EASTBOUND DIRECTION

