

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

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	1500	246	0	149	0.45	0	66.0	58.6	44.5	28.1	28.1
1-2 AM	163	0.0	99	0.0	1500	163	0	99	0.44	0	66.1	58.8	44.8	28.6	28.6
2-3 AM	134	0.0	82	0.0	1500	134	0	82	0.44	0	66.1	58.9	45.0	28.8	28.8
3-4 AM	108	0.0	65	0.0	1500	108	0	65	0.43	0	66.2	59.0	45.1	29.1	29.1
4-5 AM	93	0.0	57	0.0	1500	93	0	57	0.43	0	66.2	59.0	45.1	29.1	29.1
5-6 AM	88	0.0	54	0.0	1500	88	0	54	0.43	0	66.2	59.0	45.1	29.2	29.2
6-7 AM	115	0.0	70	0.0	1500	115	0	70	0.43	0	66.2	58.9	45.0	29.0	29.0
7-8 AM	178	0.0	109	0.0	1500	178	0	109	0.44	0	66.1	58.7	44.8	28.5	28.5
8-9 AM	315	0.0	192	0.0	1500	315	0	192	0.45	0	65.8	58.4	44.2	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	1500	1435	69	986	18.26	465	63.6	10.7	30.8	19.2	18.6
8-9 PM	1206	0.0	736	0.0	1499	1206	0	736	11.50	301	64.1	15.5	31.8	21.2	21.2
9-10 PM	909	0.0	554	0.0	1500	909	0	554	0.93	17	64.7	51.4	41.9	23.3	23.3
10-11 PM	711	0.0	433	0.0	1500	711	0	433	0.49	0	65.1	57.3	42.7	24.7	24.7
11PM-MID	521	0.0	318	0.0	1500	521	0	318	0.47	0	65.4	57.8	43.4	26.1	26.1

+ 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	0.0109
DIVERSION	0.1206

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$94,817
CONGESTED HOURS PER DAY*	6

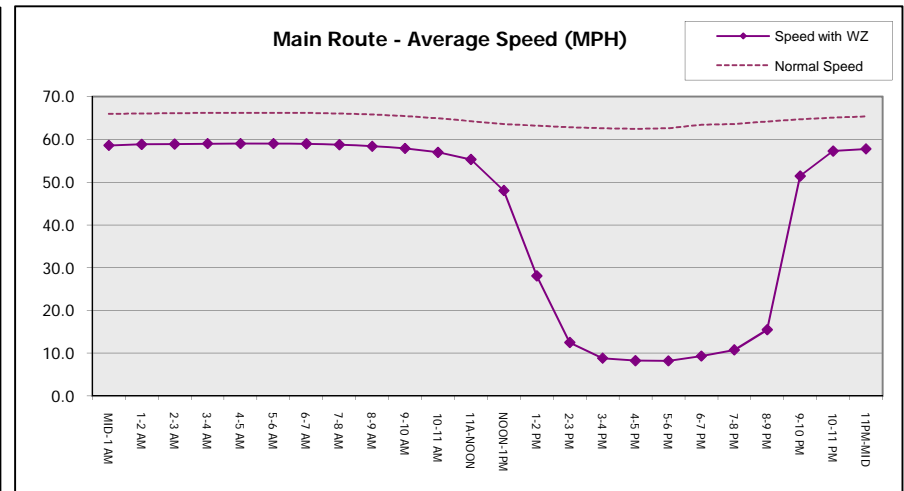
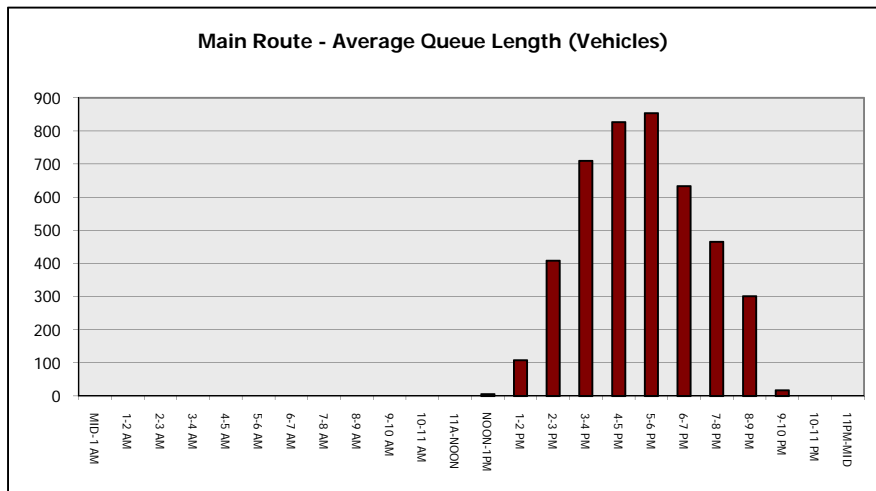
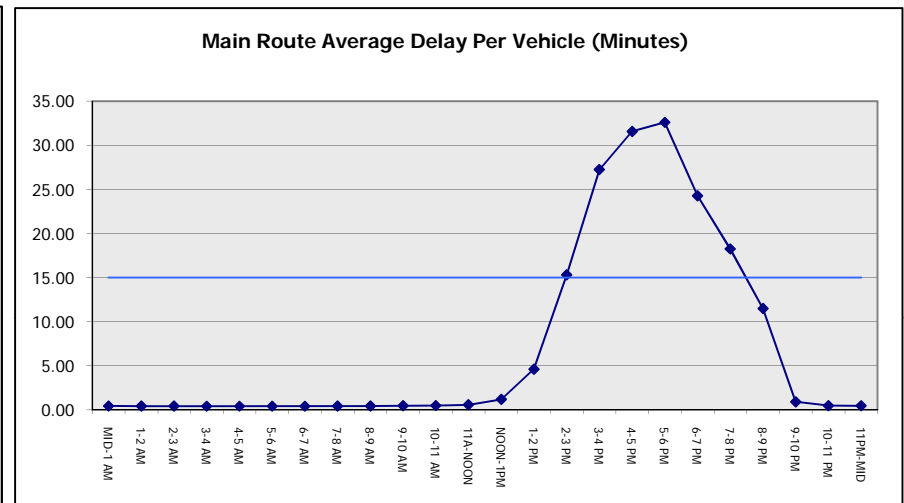
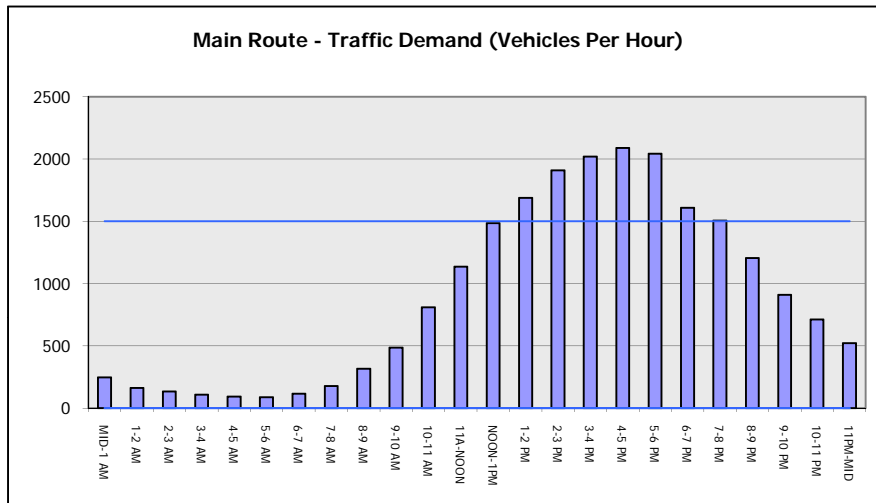
*Delays Exceeding 15 Minutes

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

SUNDAY 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

SUNDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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		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	273	0.0	166	0.0	1500	273	0	166	0.45	0	65.9	58.5	44.4	25.9	25.9
1-2 AM	178	0.0	109	0.0	1500	178	0	109	0.44	0	66.1	58.7	44.8	27.3	27.3
2-3 AM	129	0.0	79	0.0	1500	129	0	79	0.43	0	66.1	58.9	45.0	27.9	27.9
3-4 AM	112	0.0	68	0.0	1500	112	0	68	0.43	0	66.2	58.9	45.0	28.2	28.2
4-5 AM	98	0.0	60	0.0	1500	98	0	60	0.43	0	66.2	59.0	45.1	28.4	28.4
5-6 AM	91	0.0	56	0.0	1500	91	0	56	0.43	0	66.2	59.0	45.1	28.5	28.5
6-7 AM	105	0.0	64	0.0	1500	105	0	64	0.43	0	66.2	59.0	45.1	28.3	28.3
7-8 AM	164	0.0	100	0.0	1500	164	0	100	0.44	0	66.1	58.8	44.8	27.4	27.4
8-9 AM	321	0.0	196	0.0	1500	321	0	196	0.45	0	65.8	58.4	44.2	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	1499	1217	14	765+	25.47	662	64.1	9.1	30.8	13.9	14.6
8-9 PM	957	0.0	583	0.0	1499	957	0	583	7.23	253	64.6	21.5	36.3	17.0	17.0
9-10 PM	759	0.0	463	0.0	1500	759	0	463	0.50	0	65.0	57.1	42.5	19.2	19.2
10-11 PM	601	0.0	366	0.0	1500	601	0	366	0.48	0	65.3	57.6	43.1	21.2	21.2
11PM-MID	414	0.0	253	0.0	1500	414	0	253	0.46	0	65.6	58.1	43.8	23.9	23.9

+ 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	0.0124
MAIN ROUTE WITH WORKS	0.0108
DIVERSION	0.1020

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$93,700
CONGESTED HOURS PER DAY*	6

*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
SUNDAY EASTBOUND DIRECTION

