

**IH 94: USH 12 TO IH 90/94 (MONROE COUNTY)  
CONTINUOUS (24 HOUR) CLOSURE  
DIVERSION ROUTE: IH 90, USH 12**

**OCTOBER**

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	194	0.0	118	0.0	1500	194	0	118	0.44	0	66.0	58.7	44.7	28.4	28.4
1-2 AM	133	0.0	81	0.0	1500	133	0	81	0.44	0	66.1	58.9	45.0	28.9	28.9
2-3 AM	106	0.0	65	0.0	1500	106	0	65	0.43	0	66.2	59.0	45.1	29.1	29.1
3-4 AM	90	0.0	55	0.0	1500	90	0	55	0.43	0	66.2	59.0	45.1	29.2	29.2
4-5 AM	74	0.0	46	0.0	1500	74	0	46	0.43	0	66.3	59.1	45.2	29.2	29.2
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	97	0.0	59	0.0	1500	97	0	59	0.43	0	66.2	59.0	45.1	29.1	29.1
7-8 AM	134	0.0	82	0.0	1500	134	0	82	0.44	0	66.1	58.9	45.0	28.8	28.8
8-9 AM	234	0.0	143	0.0	1500	234	0	143	0.45	0	66.0	58.6	44.5	28.1	28.1
9-10 AM	393	0.0	239	0.0	1500	393	0	239	0.46	0	65.6	58.1	43.9	27.0	27.0
10-11 AM	615	0.0	375	0.0	1500	615	0	375	0.48	0	65.3	57.5	43.1	25.4	25.4
11A-NOON	911	0.0	555	0.0	1500	911	0	555	0.51	0	64.7	56.7	42.0	23.3	23.3
NOON-1PM	1211	0.0	738	0.0	1500	1211	0	738	0.65	0	64.1	54.4	38.1	21.1	21.1
1-2 PM	1401	0.0	854	0.0	1499	1401	0	854	0.90	0	63.8	51.3	33.0	19.8	19.8
2-3 PM	1690	0.0	1031	0.0	1499	1690	0	1031	3.74	84	63.2	31.5	30.8	18.1	18.1
3-4 PM	1738	0.0	1059	0.0	1499	1738	0	1059	12.00	306	63.2	14.9	30.8	17.9	17.9
4-5 PM	1780	0.0	1085	0.0	1499	1658	121	1206	20.70	533	63.1	10.1	30.8	17.7	16.9
5-6 PM	1696	0.0	1034	0.0	1499	1451	244	1278	22.08	568	63.2	9.7	30.8	18.1	16.4
6-7 PM	1475	0.0	899	0.0	1499	1371	105	1004	18.39	470	63.7	10.7	30.8	19.4	18.5
7-8 PM	1200	0.0	732	0.0	1499	1200	0	732	10.45	275	64.1	16.6	32.1	21.2	21.2
8-9 PM	955	0.0	582	0.0	1500	955	0	582	0.83	12	64.6	52.5	41.7	23.0	23.0
9-10 PM	735	0.0	447	0.0	1500	735	0	447	0.49	0	65.0	57.2	42.6	24.5	24.5
10-11 PM	541	0.0	330	0.0	1500	541	0	330	0.47	0	65.4	57.7	43.3	26.0	26.0
11PM-MID	344	0.0	210	0.0	1500	344	0	210	0.46	0	65.8	58.2	44.1	27.3	27.3

*----- 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	0.0111
MAIN ROUTE WITH WORKS	0.0096
DIVERSION	0.0906

PIA: Personal Injury Accidents

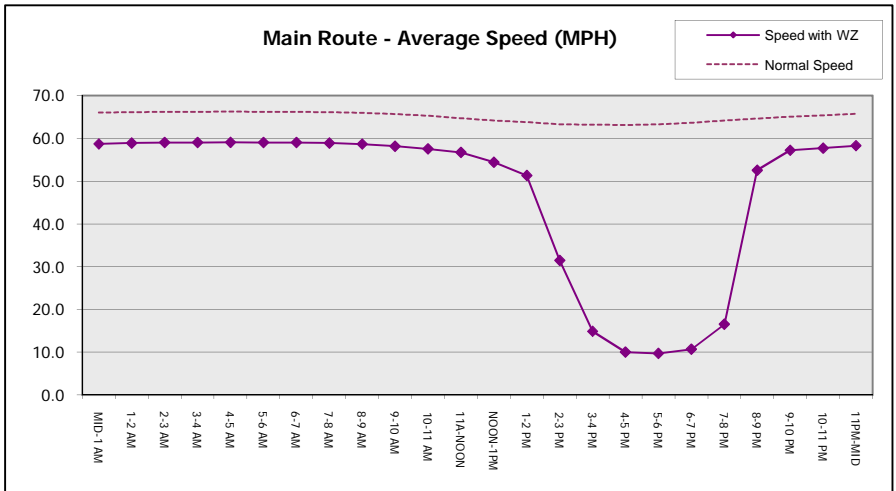
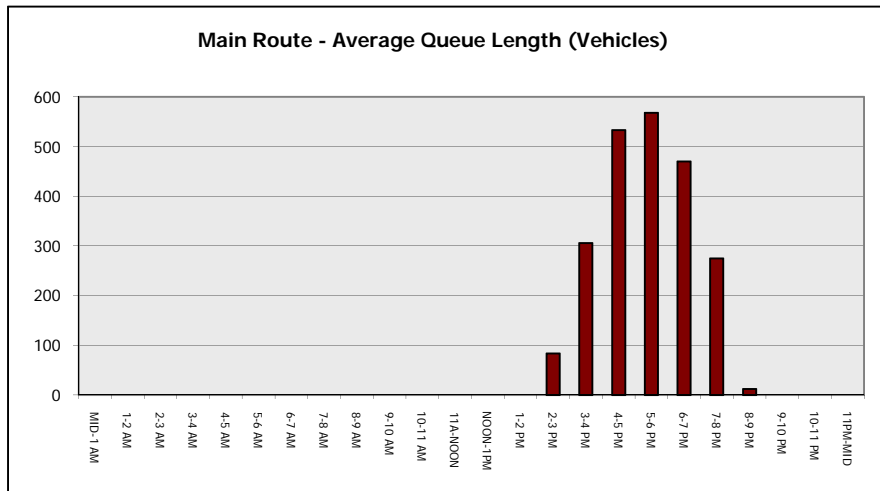
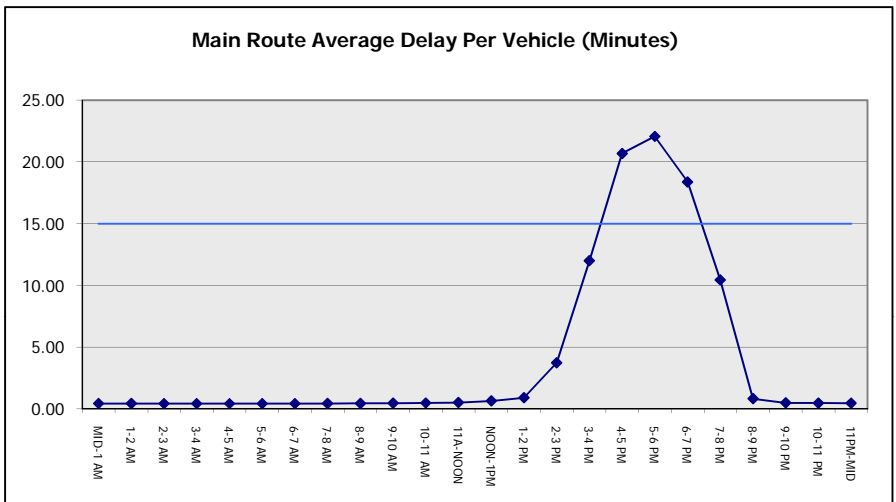
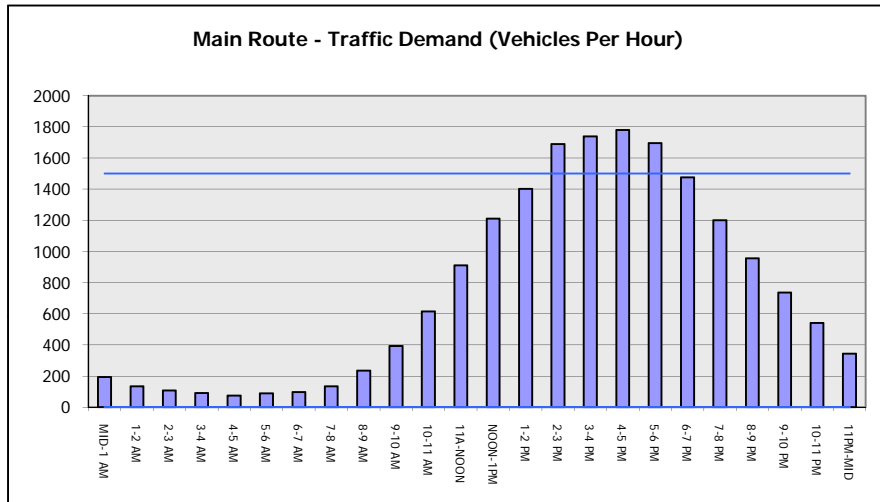
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$42,856
CONGESTED HOURS PER DAY*	3

\*Delays Exceeding 15 Minutes

**IH 94: USH 12 TO IH 90/94 (MONROE COUNTY)**  
**CONTINUOUS (24 HOUR) CLOSURE**  
**DIVERSION ROUTE: IH 90, USH 12**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY WESTBOUND DIRECTION**



<b>IH 94: USH 12 TO IH 90/94 (MONROE COUNTY)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: IH 90, USH 12</b>	<b>OCTOBER</b>
	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	955	0.0	582	0.0	1500	955	0	582	0.51	0	64.6	56.6	41.9	17.0	17.0
1-2 AM	255	0.0	155	0.0	1500	255	0	155	0.45	0	65.9	58.6	44.5	26.2	26.2
2-3 AM	304	0.0	186	0.0	1500	304	0	186	0.45	0	65.8	58.4	44.3	25.5	25.5
3-4 AM	187	0.0	114	0.0	1500	187	0	114	0.44	0	66.0	58.7	44.7	27.1	27.1
4-5 AM	75	0.0	46	0.0	1500	75	0	46	0.43	0	66.3	59.1	45.2	28.8	28.8
5-6 AM	182	0.0	111	0.0	1500	182	0	111	0.44	0	66.1	58.7	44.8	27.2	27.2
6-7 AM	262	0.0	159	0.0	1500	262	0	159	0.45	0	65.9	58.5	44.5	26.1	26.1
7-8 AM	675	0.0	411	0.0	1500	675	0	411	0.49	0	65.1	57.3	42.8	20.2	20.2
8-9 AM	219	0.0	134	0.0	1500	219	0	134	0.44	0	66.0	58.6	44.6	26.7	26.7
9-10 AM	371	0.0	226	0.0	1500	371	0	226	0.46	0	65.7	58.2	44.0	24.5	24.5
10-11 AM	819	0.0	499	0.0	1500	819	0	499	0.50	0	64.8	56.9	42.4	18.5	18.5
11A-NOON	922	0.0	562	0.0	1500	922	0	562	0.51	0	64.6	56.6	42.0	17.4	17.4
NOON-1PM	1146	0.0	698	0.0	1500	1146	0	698	0.57	0	64.3	55.6	40.3	14.9	14.9
1-2 PM	1289	0.0	785	0.0	1499	1289	0	785	0.75	0	64.0	53.1	35.9	13.4	13.4
2-3 PM	1530	0.0	932	0.0	1499	1530	0	932+	1.32	8	63.5	46.8	30.9	11.2	11.3
3-4 PM	1613	0.0	983	0.0	1500	1613	0	983+	4.37	94	63.4	29.1	30.8	10.8	10.8
4-5 PM	1455	0.0	887	0.0	1499	1455	0	887+	5.77	128	63.7	24.8	30.8	11.9	11.9
5-6 PM	1540	0.0	939	0.0	1500	1540	0	939+	5.82	129	63.5	24.6	30.8	11.2	11.2
6-7 PM	1258	0.0	767	0.0	1499	1258	0	767	2.27	54	64.0	39.5	35.0	13.7	13.7
7-8 PM	1021	0.0	622	0.0	1500	1021	0	622	0.52	0	64.5	56.4	41.6	16.3	16.3
8-9 PM	822	0.0	500	0.0	1500	822	0	500	0.50	0	64.8	56.9	42.3	18.5	18.5
9-10 PM	575	0.0	351	0.0	1500	575	0	351	0.48	0	65.3	57.6	43.2	21.6	21.6
10-11 PM	483	0.0	294	0.0	1500	483	0	294	0.47	0	65.5	57.9	43.6	22.9	22.9
11PM-MID	356	0.0	217	0.0	1500	356	0	217	0.46	0	65.7	58.2	44.1	24.7	24.7

+ 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	0.0114
MAIN ROUTE WITH WORKS	0.0102
DIVERSION	0.0891

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$10,272
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**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY EASTBOUND DIRECTION**

