

IH 94: USH 12 TO IH 90/94 (MONROE COUNTY) OFF-PEAK DAY 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	OFF	194	0	118	0.00	0	66.0	66.0	66.0	28.4	28.4
1-2 AM	133	0.0	81	0.0	OFF	133	0	81	0.00	0	66.1	66.1	66.1	28.9	28.9
2-3 AM	106	0.0	65	0.0	OFF	106	0	65	0.00	0	66.2	66.2	66.2	29.1	29.1
3-4 AM	90	0.0	55	0.0	OFF	90	0	55	0.00	0	66.2	66.2	66.2	29.2	29.2
4-5 AM	74	0.0	46	0.0	OFF	74	0	46	0.00	0	66.3	66.3	66.3	29.2	29.2
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	97	0.0	59	0.0	OFF	97	0	59	0.00	0	66.2	66.2	66.2	29.1	29.1
7-8 AM	134	0.0	82	0.0	OFF	134	0	82	0.00	0	66.1	66.1	66.1	28.8	28.8
8-9 AM	234	0.0	143	0.0	OFF	234	0	143	0.00	0	66.0	66.0	66.0	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	OFF	1200	0	732	0.49	29	64.1	56.5	56.5	21.2	21.2
8-9 PM	955	0.0	582	0.0	OFF	955	0	582	0.00	0	64.6	64.6	64.6	23.0	23.0
9-10 PM	735	0.0	447	0.0	OFF	735	0	447	0.00	0	65.0	65.0	65.0	24.5	24.5
10-11 PM	541	0.0	330	0.0	OFF	541	0	330	0.00	0	65.4	65.4	65.4	26.0	26.0
11PM-MID	344	0.0	210	0.0	OFF	344	0	210	0.00	0	65.8	65.8	65.8	27.3	27.3

"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	0.0111
MAIN ROUTE WITH WORKS	0.0100
DIVERSION	0.0906

PIA: Personal Injury Accidents

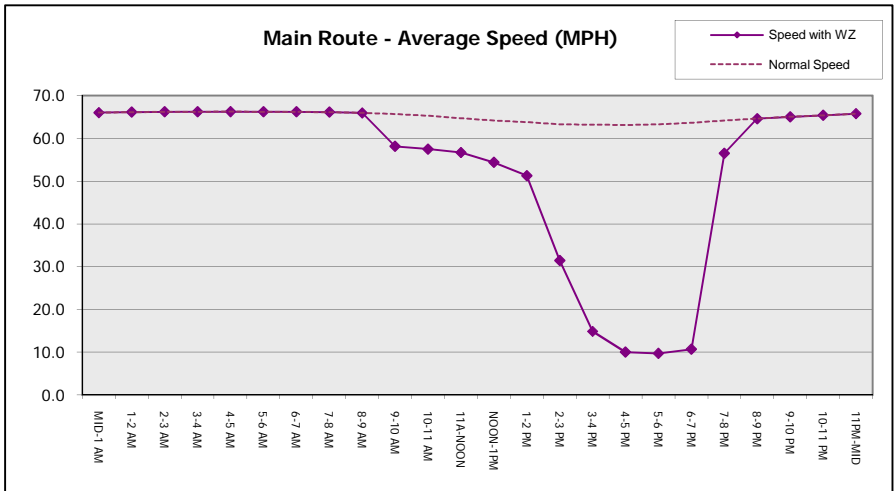
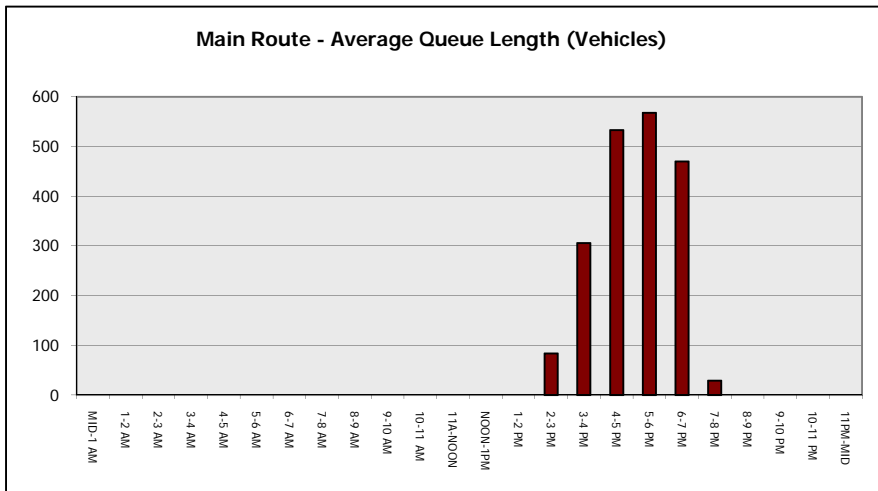
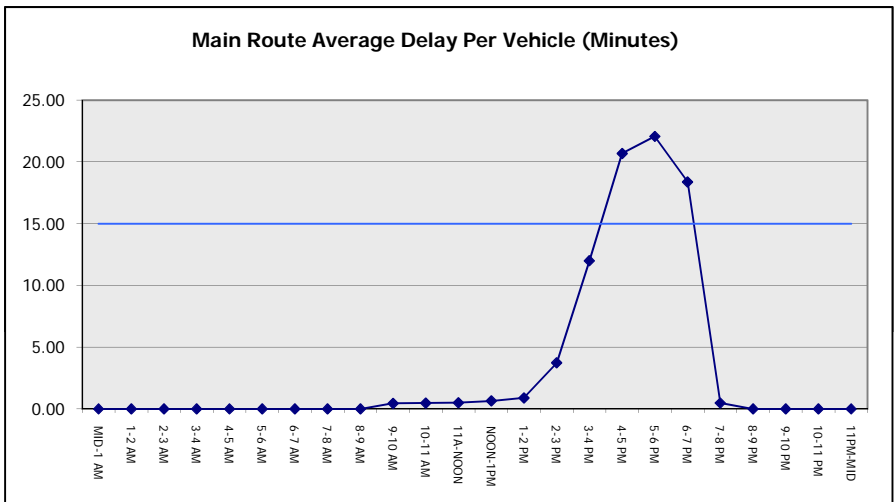
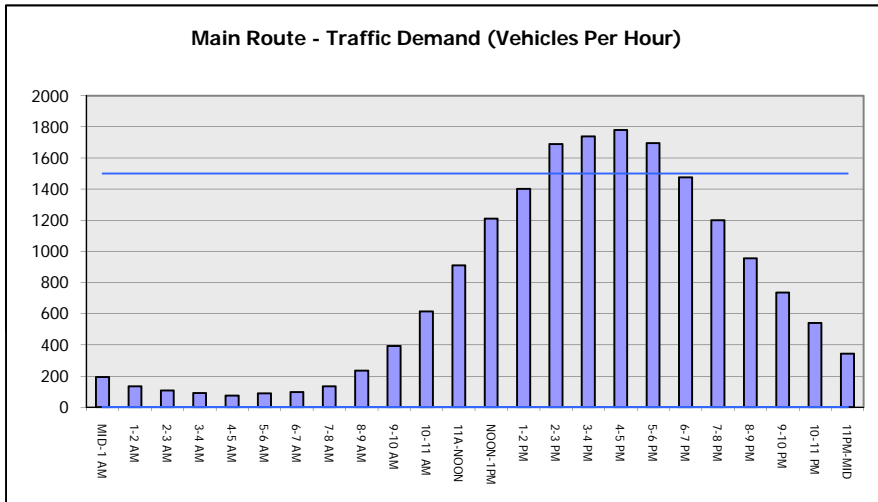
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$37,615
CONGESTED HOURS PER DAY*	3

*Delays Exceeding 15 Minutes

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

OCTOBER
 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	OCTOBER
	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		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	955	0.0	582	0.0	OFF	955	0	582	0.00	0	64.6	64.6	64.6	17.0	17.0
1-2 AM	255	0.0	155	0.0	OFF	255	0	155	0.00	0	65.9	65.9	65.9	26.2	26.2
2-3 AM	304	0.0	186	0.0	OFF	304	0	186	0.00	0	65.8	65.8	65.8	25.5	25.5
3-4 AM	187	0.0	114	0.0	OFF	187	0	114	0.00	0	66.0	66.0	66.0	27.1	27.1
4-5 AM	75	0.0	46	0.0	OFF	75	0	46	0.00	0	66.3	66.3	66.3	28.8	28.8
5-6 AM	182	0.0	111	0.0	OFF	182	0	111	0.00	0	66.1	66.1	66.1	27.2	27.2
6-7 AM	262	0.0	159	0.0	OFF	262	0	159	0.00	0	65.9	65.9	65.9	26.1	26.1
7-8 AM	675	0.0	411	0.0	OFF	675	0	411	0.00	0	65.1	65.1	65.1	20.2	20.2
8-9 AM	219	0.0	134	0.0	OFF	219	0	134	0.00	0	66.0	66.0	66.0	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	OFF	1021	0	622	0.00	0	64.5	64.5	64.5	16.3	16.3
8-9 PM	822	0.0	500	0.0	OFF	822	0	500	0.00	0	64.8	64.8	64.8	18.5	18.5
9-10 PM	575	0.0	351	0.0	OFF	575	0	351	0.00	0	65.3	65.3	65.3	21.6	21.6
10-11 PM	483	0.0	294	0.0	OFF	483	0	294	0.00	0	65.5	65.5	65.5	22.9	22.9
11PM-MID	356	0.0	217	0.0	OFF	356	0	217	0.00	0	65.7	65.7	65.7	24.7	24.7

"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	0.0114
MAIN ROUTE WITH WORKS	0.0106
DIVERSION	0.0891

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$9,093
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

