

IH 94: USH 12 TO IH 90/94 (MONROE COUNTY) NIGHTTIME 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	OFF	393	0	239	0.00	0	65.6	65.6	65.6	27.0	27.0
10-11 AM	615	0.0	375	0.0	OFF	615	0	375	0.00	0	65.3	65.3	65.3	25.4	25.4
11A-NOON	911	0.0	555	0.0	OFF	911	0	555	0.00	0	64.7	64.7	64.7	23.3	23.3
NOON-1PM	1211	0.0	738	0.0	OFF	1211	0	738	0.00	0	64.1	64.1	64.1	21.1	21.1
1-2 PM	1401	0.0	854	0.0	OFF	1401	0	854	0.00	0	63.8	63.8	63.8	19.8	19.8
2-3 PM	1690	0.0	1031	0.0	OFF	1690	0	1031	0.00	0	63.2	63.2	63.2	18.1	18.1
3-4 PM	1738	0.0	1059	0.0	OFF	1738	0	1059	0.00	0	63.2	63.2	63.2	17.9	17.9
4-5 PM	1780	0.0	1085	0.0	OFF	1780	0	1085	0.00	0	63.1	63.1	63.1	17.7	17.7
5-6 PM	1696	0.0	1034	0.0	OFF	1696	0	1034	0.00	0	63.2	63.2	63.2	18.1	18.1
6-7 PM	1475	0.0	899	0.0	OFF	1475	0	899	0.00	0	63.7	63.7	63.7	19.4	19.4
7-8 PM	1200	0.0	732	0.0	1500	1200	0	732	0.64	0	64.1	54.6	38.4	21.2	21.2
8-9 PM	955	0.0	582	0.0	1500	955	0	582	0.51	0	64.6	56.6	41.9	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

"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	0.0108
DIVERSION	0.0868

PIA: Personal Injury Accidents

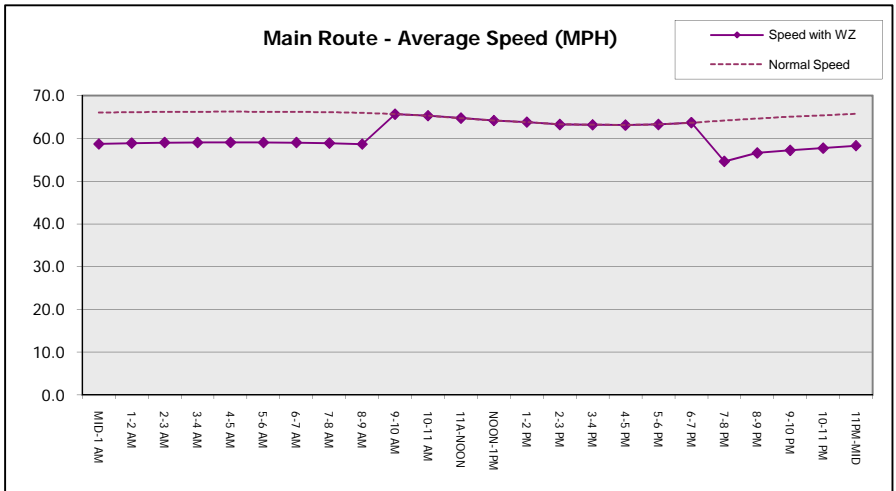
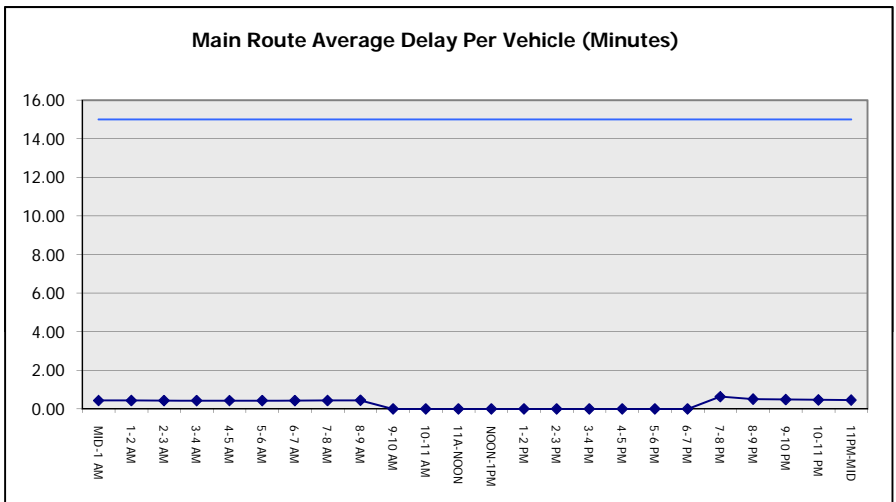
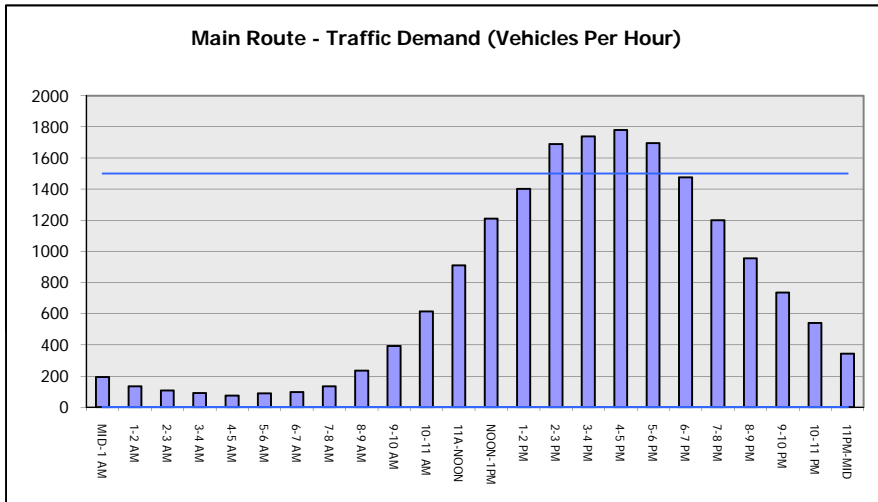
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$603
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

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)
NIGHTTIME CLOSURE
DIVERSION ROUTE: IH 90 - USH 12**

OCTOBER
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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	OFF	371	0	226	0.00	0	65.7	65.7	65.7	24.5	24.5
10-11 AM	819	0.0	499	0.0	OFF	819	0	499	0.00	0	64.8	64.8	64.8	18.5	18.5
11A-NOON	922	0.0	562	0.0	OFF	922	0	562	0.00	0	64.6	64.6	64.6	17.4	17.4
NOON-1PM	1146	0.0	698	0.0	OFF	1146	0	698	0.00	0	64.3	64.3	64.3	14.9	14.9
1-2 PM	1289	0.0	785	0.0	OFF	1289	0	785	0.00	0	64.0	64.0	64.0	13.4	13.4
2-3 PM	1530	0.0	932	0.0	OFF	1530	0	932+	0.00	0	63.5	63.5	63.5	11.2	11.2
3-4 PM	1613	0.0	983	0.0	OFF	1613	0	983+	0.00	0	63.4	63.4	63.4	10.8	10.8
4-5 PM	1455	0.0	887	0.0	OFF	1455	0	887+	0.00	0	63.7	63.7	63.7	11.9	11.9
5-6 PM	1540	0.0	939	0.0	OFF	1540	0	939+	0.00	0	63.5	63.5	63.5	11.2	11.2
6-7 PM	1258	0.0	767	0.0	OFF	1258	0	767	0.00	0	64.0	64.0	64.0	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

"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	0.0110
DIVERSION	0.0891

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$735
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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NIGHTTIME CLOSURE
DIVERSION ROUTE: IH 90 - USH 12

OCTOBER
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

