

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

FRIDAY 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	346	0.0	211	0.0	1500	346	0	211	0.46	0	65.8	58.2	44.1	27.3	27.3
1-2 AM	293	0.0	179	0.0	1500	293	0	179	0.45	0	65.8	58.4	44.3	27.7	27.7
2-3 AM	243	0.0	148	0.0	1500	243	0	148	0.45	0	66.0	58.6	44.5	28.1	28.1
3-4 AM	253	0.0	154	0.0	1500	253	0	154	0.45	0	65.9	58.6	44.5	28.0	28.0
4-5 AM	225	0.0	137	0.0	1500	225	0	137	0.44	0	66.0	58.6	44.6	28.2	28.2
5-6 AM	243	0.0	147	0.0	1500	243	0	147	0.45	0	66.0	58.6	44.5	28.1	28.1
6-7 AM	284	0.0	174	0.0	1500	284	0	174	0.45	0	65.8	58.4	44.3	27.8	27.8
7-8 AM	389	0.0	236	0.0	1500	389	0	236	0.46	0	65.6	58.1	44.0	27.0	27.0
8-9 AM	567	0.0	346	0.0	1500	567	0	346	0.48	0	65.3	57.6	43.2	25.7	25.7
9-10 AM	744	0.0	454	0.0	1500	744	0	454	0.49	0	65.0	57.1	42.6	24.5	24.5
10-11 AM	894	0.0	545	0.0	1500	894	0	545	0.51	0	64.7	56.8	42.0	23.4	23.4
11A-NOON	1085	0.0	661	0.0	1500	1085	0	661	0.53	0	64.3	56.2	41.4	22.0	22.0
NOON-1PM	1224	0.0	746	0.0	1500	1224	0	746	0.67	0	64.1	54.2	37.7	21.1	21.1
1-2 PM	1254	0.0	764	0.0	1500	1254	0	764	0.71	0	64.0	53.7	36.8	20.8	20.8
2-3 PM	1427	0.0	870	0.0	1499	1427	0	870	0.93	0	63.7	50.9	32.4	19.6	19.6
3-4 PM	1567	0.0	955	0.0	1499	1567	0	955	2.04	29	63.5	40.9	30.8	18.9	18.9
4-5 PM	1559	0.0	950	0.0	1499	1559	0	950	4.57	96	63.5	28.4	30.8	18.9	18.9
5-6 PM	1544	0.0	942	0.0	1500	1544	0	942	6.58	150	63.5	22.8	30.8	19.0	19.0
6-7 PM	1458	0.0	889	0.0	1499	1458	0	889	6.67	152	63.7	22.6	30.8	19.5	19.5
7-8 PM	1421	0.0	866	0.0	1500	1421	0	866	4.44	94	63.7	28.9	30.9	19.7	19.7
8-9 PM	1259	0.0	768	0.0	1500	1259	0	768	0.91	6	64.0	51.2	36.5	20.8	20.8
9-10 PM	987	0.0	602	0.0	1500	987	0	602	0.52	0	64.5	56.4	41.7	22.7	22.7
10-11 PM	717	0.0	437	0.0	1500	717	0	437	0.49	0	65.0	57.2	42.7	24.7	24.7
11PM-MID	479	0.0	292	0.0	1500	479	0	292	0.47	0	65.5	57.9	43.6	26.4	26.4

----- 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	0.0127
MAIN ROUTE WITH WORKS	0.0114
DIVERSION	0.0996

PIA: Personal Injury Accidents

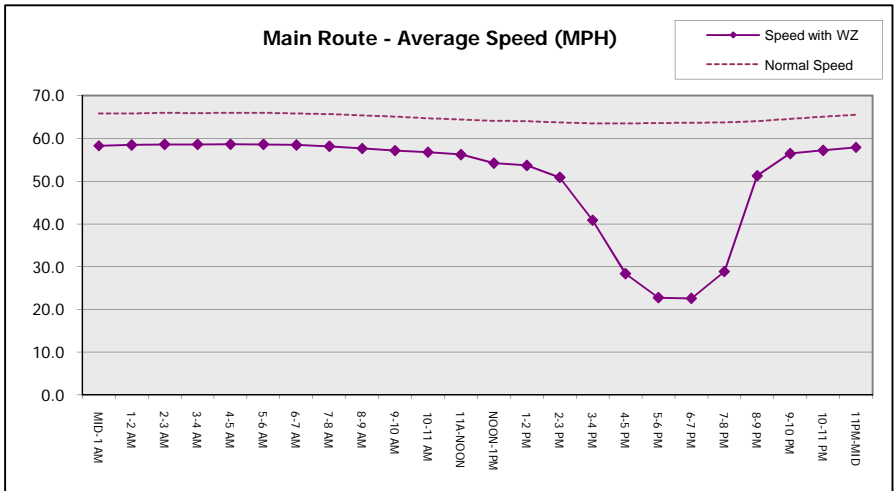
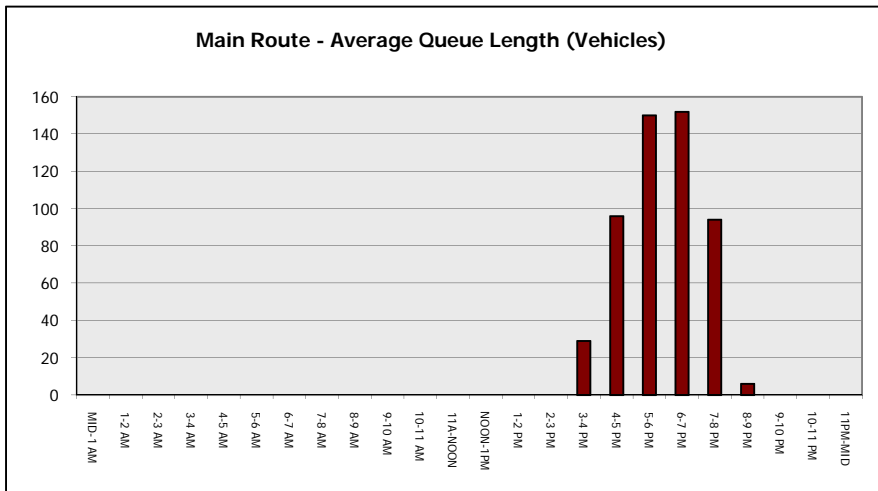
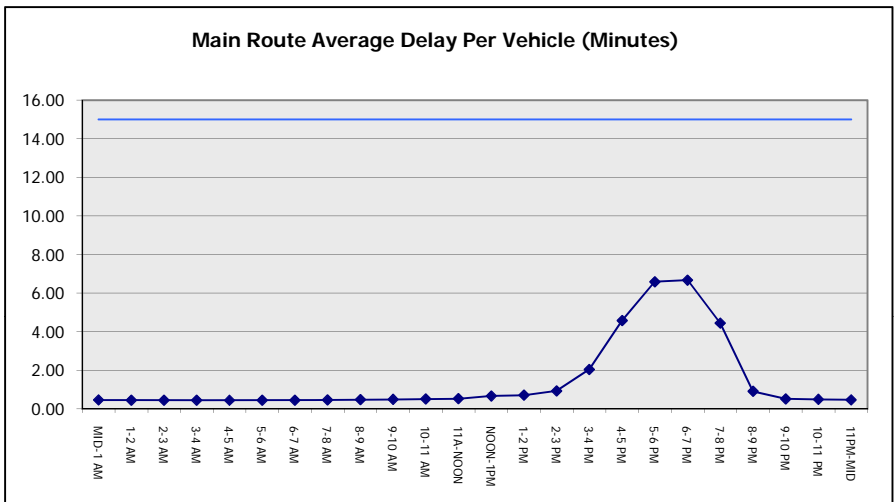
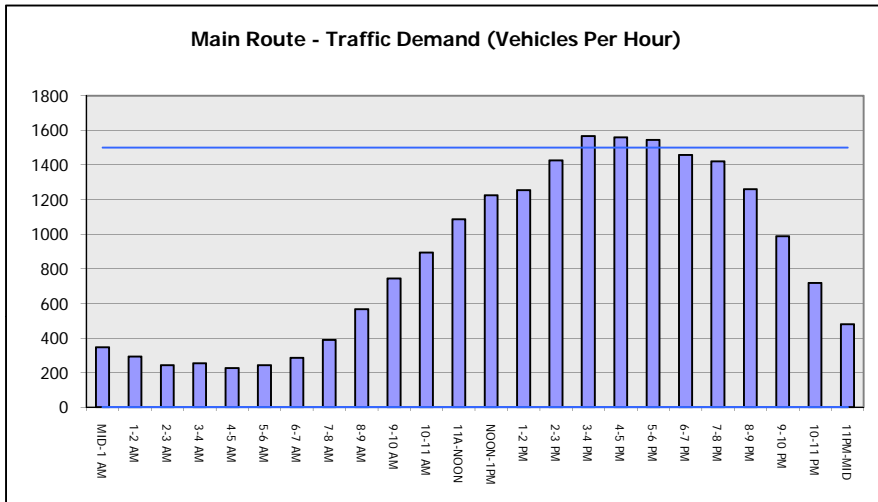
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$9,847
CONGESTED HOURS PER DAY*	0

*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
FRIDAY WESTBOUND DIRECTION



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

FRIDAY 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	281	0.0	171	0.0	1500	281	0	171	0.45	0	65.9	58.4	44.3	25.8	25.8
1-2 AM	233	0.0	142	0.0	1500	233	0	142	0.45	0	66.0	58.6	44.5	26.5	26.5
2-3 AM	204	0.0	125	0.0	1500	204	0	125	0.44	0	66.0	58.7	44.6	26.9	26.9
3-4 AM	165	0.0	100	0.0	1500	165	0	100	0.44	0	66.1	58.8	44.8	27.4	27.4
4-5 AM	142	0.0	86	0.0	1500	142	0	86	0.44	0	66.1	58.9	44.9	27.8	27.8
5-6 AM	126	0.0	77	0.0	1500	126	0	77	0.43	0	66.1	58.9	45.0	28.0	28.0
6-7 AM	200	0.0	122	0.0	1500	200	0	122	0.44	0	66.0	58.7	44.7	27.0	27.0
7-8 AM	347	0.0	211	0.0	1500	347	0	211	0.46	0	65.8	58.2	44.1	24.9	24.9
8-9 AM	511	0.0	312	0.0	1500	511	0	312	0.47	0	65.5	57.8	43.5	22.5	22.5
9-10 AM	579	0.0	353	0.0	1500	579	0	353	0.48	0	65.3	57.6	43.2	21.5	21.5
10-11 AM	741	0.0	452	0.0	1500	741	0	452	0.49	0	65.0	57.1	42.6	19.4	19.4
11A-NOON	906	0.0	552	0.0	1500	906	0	552	0.51	0	64.7	56.7	42.0	17.6	17.6
NOON-1PM	1054	0.0	642	0.0	1500	1054	0	642	0.52	0	64.4	56.3	41.5	15.9	15.9
1-2 PM	1185	0.0	722	0.0	1500	1185	0	722	0.62	0	64.1	54.9	38.9	14.5	14.5
2-3 PM	1250	0.0	762	0.0	1500	1250	0	762	0.70	0	64.0	53.7	36.9	13.7	13.7
3-4 PM	1260	0.0	768	0.0	1500	1260	0	768	0.71	0	64.0	53.6	36.6	13.6	13.6
4-5 PM	1300	0.0	792	0.0	1500	1300	0	792	0.77	0	64.0	52.9	35.5	13.3	13.3
5-6 PM	1321	0.0	805	0.0	1500	1321	0	805	0.79	0	63.9	52.5	35.0	13.1	13.1
6-7 PM	1232	0.0	751	0.0	1500	1232	0	751	0.68	0	64.1	54.0	37.4	13.9	13.9
7-8 PM	1110	0.0	677	0.0	1500	1110	0	677	0.53	0	64.3	56.1	41.3	15.3	15.3
8-9 PM	879	0.0	536	0.0	1500	879	0	536	0.51	0	64.8	56.8	42.1	17.8	17.8
9-10 PM	757	0.0	462	0.0	1500	757	0	462	0.50	0	65.0	57.1	42.5	19.2	19.2
10-11 PM	536	0.0	327	0.0	1500	536	0	327	0.47	0	65.4	57.8	43.3	22.2	22.2
11PM-MID	403	0.0	246	0.0	1500	403	0	246	0.46	0	65.6	58.1	43.9	24.1	24.1

----- 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	0.0104
MAIN ROUTE WITH WORKS	0.0093
DIVERSION	0.0814

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,189
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: IH 90, USH 12

OCTOBER
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

