

IH 94: USH 12 TO IH 90/94 (MONROE COUNTY) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: IH 90, USH 12	MAY
	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	370	0.0	225	0.0	1500	370	0	225	0.46	0	65.7	58.2	44.0	27.1	27.1
1-2 AM	301	0.0	184	0.0	1500	301	0	184	0.45	0	65.8	58.4	44.3	27.6	27.6
2-3 AM	256	0.0	156	0.0	1500	256	0	156	0.45	0	65.9	58.6	44.5	27.9	27.9
3-4 AM	236	0.0	144	0.0	1500	236	0	144	0.45	0	66.0	58.6	44.5	28.1	28.1
4-5 AM	250	0.0	152	0.0	1500	250	0	152	0.45	0	66.0	58.6	44.5	28.0	28.0
5-6 AM	257	0.0	156	0.0	1500	257	0	156	0.45	0	65.9	58.6	44.5	27.9	27.9
6-7 AM	294	0.0	180	0.0	1500	294	0	180	0.45	0	65.8	58.4	44.3	27.7	27.7
7-8 AM	437	0.0	267	0.0	1500	437	0	267	0.46	0	65.6	58.0	43.7	26.6	26.6
8-9 AM	664	0.0	405	0.0	1500	664	0	405	0.49	0	65.1	57.4	42.9	25.0	25.0
9-10 AM	791	0.0	482	0.0	1500	791	0	482	0.50	0	64.9	57.0	42.4	24.2	24.2
10-11 AM	974	0.0	594	0.0	1500	974	0	594	0.52	0	64.6	56.5	41.8	22.9	22.9
11A-NOON	1120	0.0	683	0.0	1500	1120	0	683	0.53	0	64.3	56.1	41.2	21.8	21.8
NOON-1PM	1307	0.0	797	0.0	1500	1307	0	797	0.77	0	64.0	52.8	35.3	20.4	20.4
1-2 PM	1295	0.0	789	0.0	1500	1295	0	789	0.76	0	64.0	53.0	35.6	20.6	20.6
2-3 PM	1342	0.0	818	0.0	1499	1342	0	818	0.82	0	63.9	52.2	34.4	20.2	20.2
3-4 PM	1473	0.0	898	0.0	1499	1473	0	898	1.00	0	63.7	50.0	31.4	19.4	19.4
4-5 PM	1586	0.0	967	0.0	1500	1586	0	967	2.44	41	63.4	38.1	30.8	18.8	18.8
5-6 PM	1581	0.0	963	0.0	1499	1581	0	963	5.75	129	63.5	24.8	30.8	18.8	18.8
6-7 PM	1537	0.0	938	0.0	1499	1537	0	938	8.06	190	63.5	19.9	30.8	19.0	19.0
7-8 PM	1473	0.0	898	0.0	1499	1473	0	898	8.32	196	63.7	19.5	30.8	19.4	19.4
8-9 PM	1380	0.0	841	0.0	1499	1380	0	841	5.58	127	63.8	25.3	31.1	19.9	19.9
9-10 PM	1182	0.0	720	0.0	1500	1182	0	720	0.82	6	64.2	52.4	38.8	21.4	21.4
10-11 PM	865	0.0	528	0.0	1500	865	0	528	0.51	0	64.8	56.8	42.2	23.6	23.6
11PM-MID	623	0.0	379	0.0	1500	623	0	379	0.48	0	65.2	57.5	43.0	25.3	25.3

----- 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	0.0134
MAIN ROUTE WITH WORKS	0.0120
DIVERSION	0.1051

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$12,271
CONGESTED HOURS PER DAY*	0

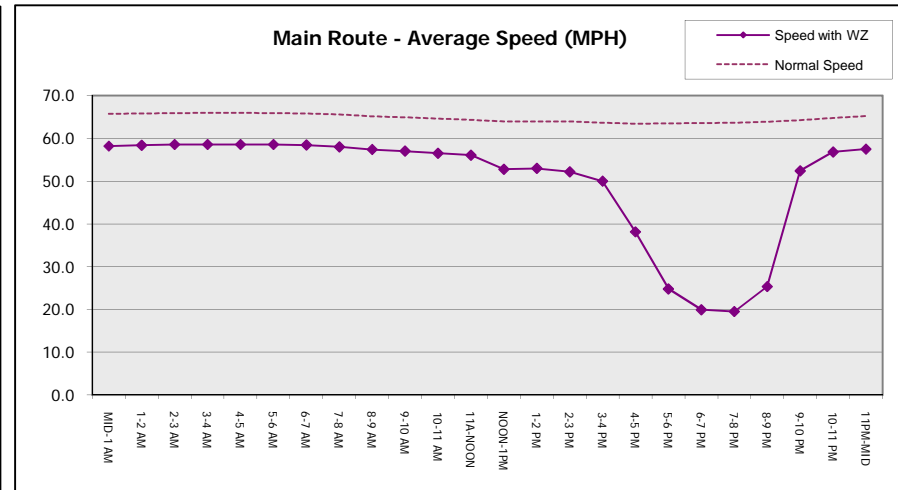
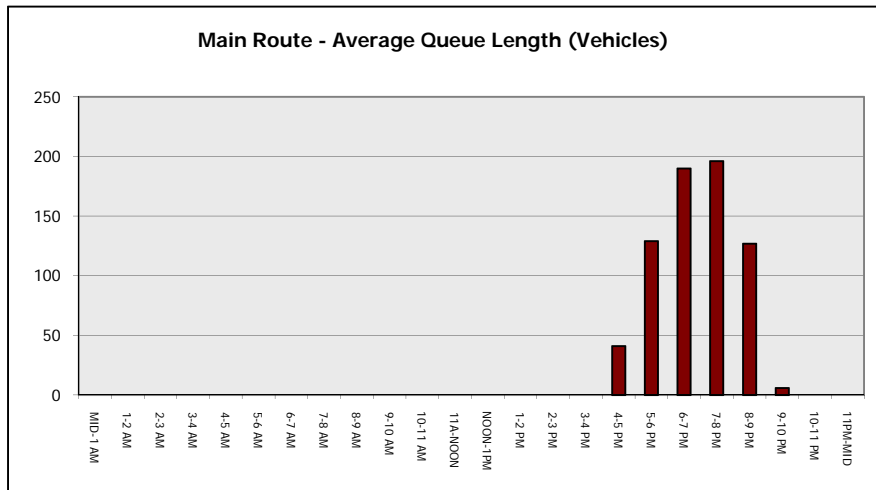
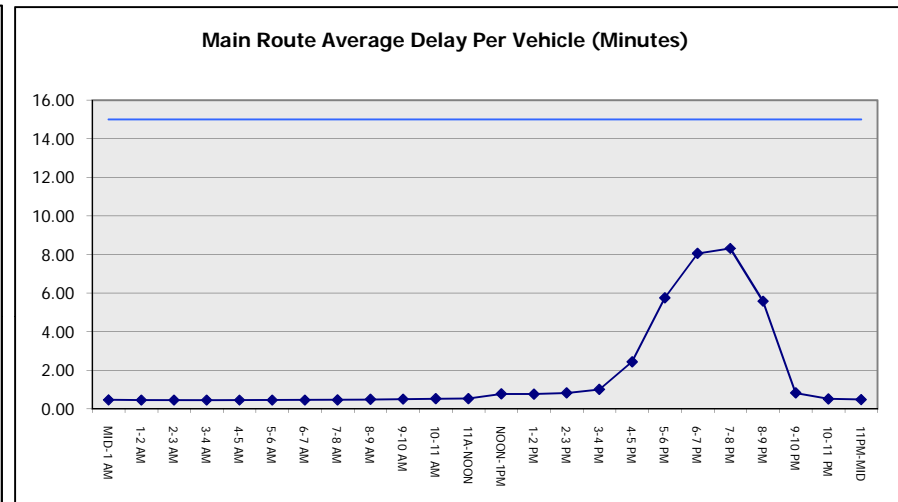
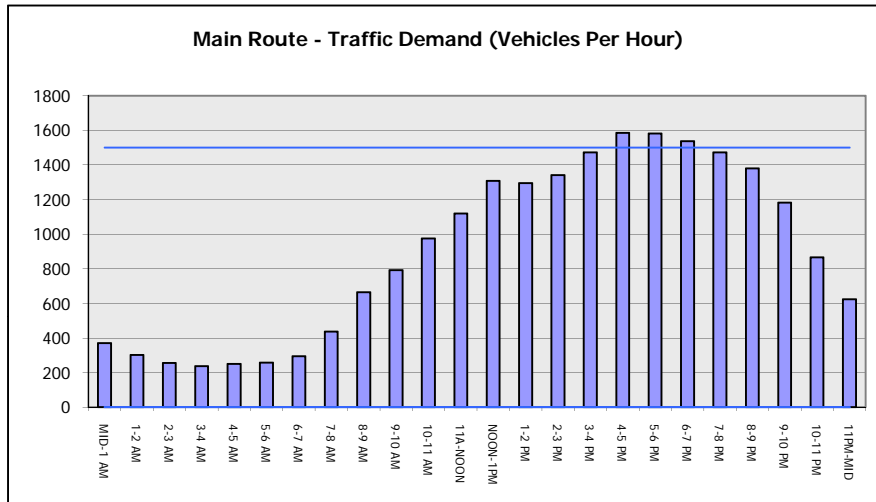
*Delays Exceeding 15 Minutes

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

MAY
 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	MAY
	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	323	0.0	197	0.0	1500	323	0	197	0.45	0	65.8	58.3	44.2	25.2	25.2
1-2 AM	246	0.0	149	0.0	1500	246	0	149	0.45	0	66.0	58.6	44.5	26.3	26.3
2-3 AM	208	0.0	127	0.0	1500	208	0	127	0.44	0	66.0	58.7	44.6	26.8	26.8
3-4 AM	177	0.0	108	0.0	1500	177	0	108	0.44	0	66.1	58.7	44.8	27.3	27.3
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	159	0.0	97	0.0	1500	159	0	97	0.44	0	66.1	58.8	44.8	27.5	27.5
6-7 AM	204	0.0	124	0.0	1500	204	0	124	0.44	0	66.0	58.7	44.6	26.9	26.9
7-8 AM	352	0.0	215	0.0	1500	352	0	215	0.46	0	65.7	58.2	44.1	24.8	24.8
8-9 AM	514	0.0	314	0.0	1500	514	0	314	0.47	0	65.5	57.8	43.5	22.5	22.5
9-10 AM	613	0.0	373	0.0	1500	613	0	373	0.48	0	65.3	57.5	43.1	21.1	21.1
10-11 AM	762	0.0	465	0.0	1500	762	0	465	0.50	0	65.0	57.1	42.5	19.1	19.1
11A-NOON	866	0.0	528	0.0	1500	866	0	528	0.51	0	64.8	56.8	42.2	18.0	18.0
NOON-1PM	1048	0.0	639	0.0	1500	1048	0	639	0.52	0	64.5	56.3	41.5	16.0	16.0
1-2 PM	1102	0.0	672	0.0	1500	1102	0	672	0.53	0	64.3	56.1	41.3	15.3	15.3
2-3 PM	1201	0.0	733	0.0	1500	1201	0	733	0.64	0	64.1	54.6	38.4	14.3	14.3
3-4 PM	1256	0.0	766	0.0	1500	1256	0	766+	0.71	0	64.0	53.7	36.8	13.7	13.7
4-5 PM	1257	0.0	766	0.0	1500	1257	0	766+	0.71	0	64.0	53.6	36.7	13.7	13.7
5-6 PM	1368	0.0	834	0.0	1500	1368	0	834+	0.85	0	63.8	51.8	33.7	12.7	12.7
6-7 PM	1237	0.0	754	0.0	1500	1237	0	754	0.68	0	64.1	54.0	37.3	13.8	13.8
7-8 PM	1068	0.0	651	0.0	1500	1068	0	651	0.53	0	64.4	56.3	41.4	15.7	15.7
8-9 PM	1014	0.0	618	0.0	1500	1014	0	618	0.52	0	64.5	56.4	41.6	16.3	16.3
9-10 PM	949	0.0	578	0.0	1500	949	0	578	0.51	0	64.6	56.6	41.9	17.1	17.1
10-11 PM	664	0.0	405	0.0	1500	664	0	405	0.49	0	65.1	57.4	42.9	20.4	20.4
11PM-MID	448	0.0	274	0.0	1500	448	0	274	0.47	0	65.6	58.0	43.7	23.4	23.4

+ 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	0.0107
MAIN ROUTE WITH WORKS	0.0095
DIVERSION	0.0836

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,245
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

MAY
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

FRIDAY EASTBOUND DIRECTION

