

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

MON-THUR 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	265	0.0	161	0.0	1500	265	0	161	0.45	0	65.9	58.5	44.4	27.9	27.9
1-2 AM	218	0.0	133	0.0	1500	218	0	133	0.44	0	66.0	58.6	44.6	28.3	28.3
2-3 AM	192	0.0	117	0.0	1500	192	0	117	0.44	0	66.0	58.7	44.7	28.4	28.4
3-4 AM	190	0.0	116	0.0	1500	190	0	116	0.44	0	66.0	58.7	44.7	28.4	28.4
4-5 AM	191	0.0	116	0.0	1500	191	0	116	0.44	0	66.0	58.7	44.7	28.4	28.4
5-6 AM	208	0.0	127	0.0	1500	208	0	127	0.44	0	66.0	58.7	44.6	28.3	28.3
6-7 AM	247	0.0	150	0.0	1500	247	0	150	0.45	0	66.0	58.6	44.5	28.1	28.1
7-8 AM	347	0.0	211	0.0	1500	347	0	211	0.46	0	65.8	58.2	44.1	27.3	27.3
8-9 AM	535	0.0	326	0.0	1500	535	0	326	0.47	0	65.4	57.8	43.3	26.0	26.0
9-10 AM	637	0.0	389	0.0	1500	637	0	389	0.48	0	65.2	57.4	43.0	25.2	25.2
10-11 AM	746	0.0	455	0.0	1500	746	0	455	0.49	0	65.0	57.1	42.6	24.5	24.5
11A-NOON	782	0.0	477	0.0	1500	782	0	477	0.50	0	65.0	57.1	42.5	24.2	24.2
NOON-1PM	808	0.0	492	0.0	1500	808	0	492	0.50	0	64.9	56.9	42.4	24.0	24.0
1-2 PM	830	0.0	506	0.0	1500	830	0	506	0.50	0	64.8	56.9	42.3	23.8	23.8
2-3 PM	923	0.0	563	0.0	1500	923	0	563	0.51	0	64.6	56.6	41.9	23.2	23.2
3-4 PM	986	0.0	601	0.0	1500	986	0	601	0.52	0	64.5	56.5	41.7	22.7	22.7
4-5 PM	1006	0.0	614	0.0	1500	1006	0	614	0.52	0	64.5	56.4	41.7	22.6	22.6
5-6 PM	997	0.0	608	0.0	1500	997	0	608	0.52	0	64.5	56.4	41.7	22.7	22.7
6-7 PM	893	0.0	545	0.0	1500	893	0	545	0.51	0	64.7	56.8	42.0	23.4	23.4
7-8 PM	781	0.0	476	0.0	1500	781	0	476	0.50	0	65.0	57.1	42.5	24.2	24.2
8-9 PM	656	0.0	400	0.0	1500	656	0	400	0.49	0	65.1	57.4	42.9	25.1	25.1
9-10 PM	550	0.0	336	0.0	1500	550	0	336	0.48	0	65.4	57.7	43.3	25.8	25.8
10-11 PM	457	0.0	278	0.0	1500	457	0	278	0.47	0	65.5	57.9	43.7	26.5	26.5
11PM-MID	368	0.0	224	0.0	1500	368	0	224	0.46	0	65.7	58.2	44.0	27.2	27.2

----- 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	0.0086
MAIN ROUTE WITH WORKS	0.0077
DIVERSION	0.0672

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,376
CONGESTED HOURS PER DAY*	0

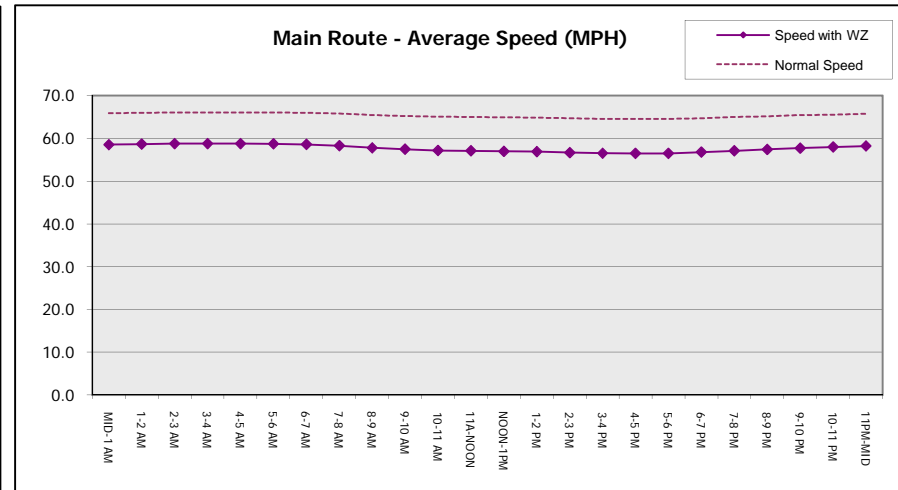
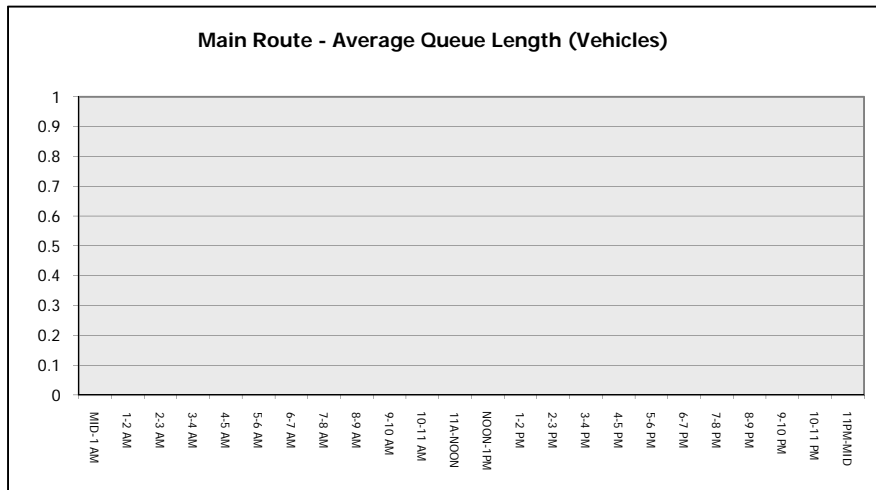
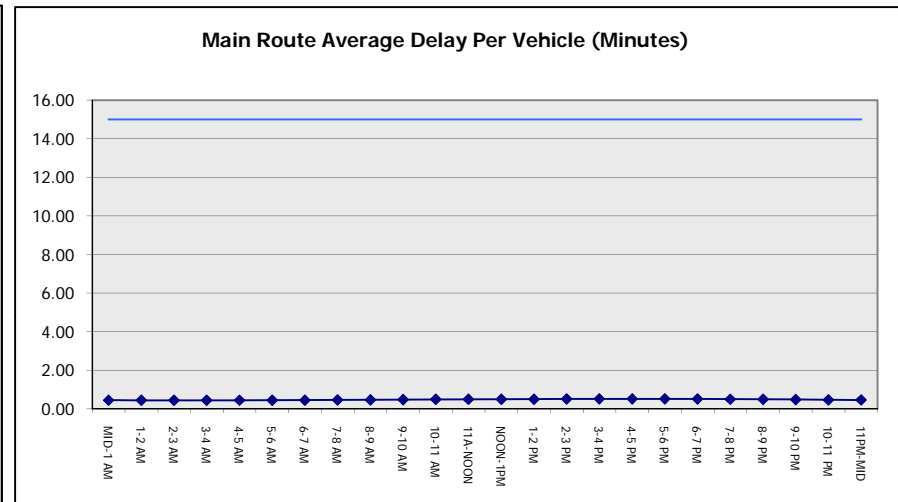
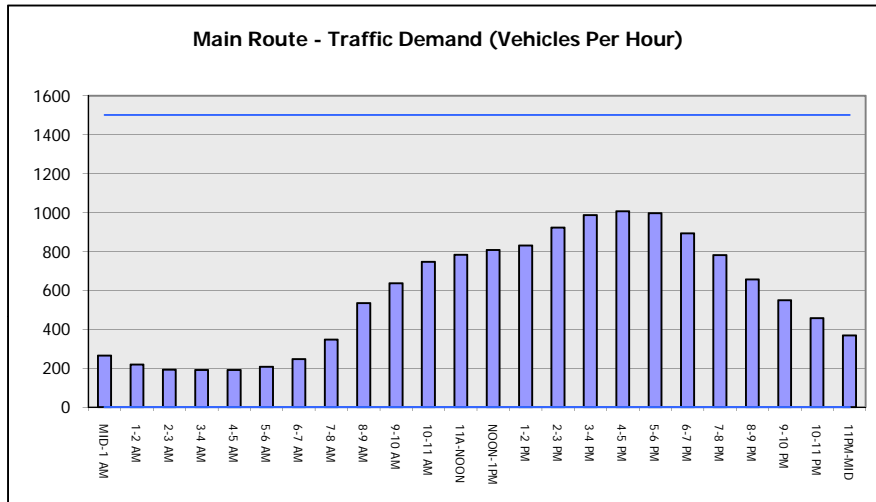
*Delays Exceeding 15 Minutes

**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

MON-THUR 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

MON-THUR 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	262	0.0	159	0.0	1500	262	0	159	0.45	0	65.9	58.5	44.5	26.1	26.1
1-2 AM	217	0.0	132	0.0	1500	217	0	132	0.44	0	66.0	58.6	44.6	26.7	26.7
2-3 AM	167	0.0	101	0.0	1500	167	0	101	0.44	0	66.1	58.8	44.8	27.4	27.4
3-4 AM	137	0.0	83	0.0	1500	137	0	83	0.44	0	66.1	58.9	45.0	27.9	27.9
4-5 AM	134	0.0	81	0.0	1500	134	0	81	0.44	0	66.1	58.9	45.0	27.9	27.9
5-6 AM	145	0.0	88	0.0	1500	145	0	88	0.44	0	66.1	58.9	44.9	27.8	27.8
6-7 AM	208	0.0	127	0.0	1500	208	0	127	0.44	0	66.0	58.7	44.6	26.8	26.8
7-8 AM	346	0.0	211	0.0	1500	346	0	211	0.46	0	65.8	58.2	44.1	24.9	24.9
8-9 AM	502	0.0	306	0.0	1500	502	0	306	0.47	0	65.5	57.8	43.5	22.7	22.7
9-10 AM	576	0.0	351	0.0	1500	576	0	351	0.48	0	65.3	57.6	43.2	21.6	21.6
10-11 AM	636	0.0	388	0.0	1500	636	0	388	0.48	0	65.2	57.4	43.0	20.7	20.7
11A-NOON	708	0.0	431	0.0	1500	708	0	431	0.49	0	65.1	57.3	42.7	19.7	19.7
NOON-1PM	789	0.0	481	0.0	1500	789	0	481	0.50	0	64.9	57.0	42.4	18.9	18.9
1-2 PM	838	0.0	510	0.0	1500	838	0	510	0.50	0	64.8	56.9	42.2	18.3	18.3
2-3 PM	859	0.0	525	0.0	1500	859	0	525	0.51	0	64.8	56.8	42.2	18.1	18.1
3-4 PM	893	0.0	544	0.0	1500	893	0	544	0.51	0	64.7	56.8	42.0	17.7	17.7
4-5 PM	924	0.0	563	0.0	1500	924	0	563	0.51	0	64.6	56.6	41.9	17.3	17.3
5-6 PM	920	0.0	561	0.0	1500	920	0	561	0.51	0	64.6	56.6	42.0	17.4	17.4
6-7 PM	804	0.0	490	0.0	1500	804	0	490	0.50	0	64.9	57.0	42.4	18.7	18.7
7-8 PM	656	0.0	401	0.0	1500	656	0	401	0.49	0	65.1	57.4	42.9	20.4	20.4
8-9 PM	558	0.0	340	0.0	1500	558	0	340	0.48	0	65.3	57.7	43.3	21.9	21.9
9-10 PM	507	0.0	309	0.0	1500	507	0	309	0.47	0	65.5	57.8	43.5	22.5	22.5
10-11 PM	450	0.0	275	0.0	1500	450	0	275	0.47	0	65.5	58.0	43.7	23.3	23.3
11PM-MID	342	0.0	209	0.0	1500	342	0	209	0.46	0	65.8	58.3	44.1	24.9	24.9

----- 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	0.0078
MAIN ROUTE WITH WORKS	0.0070
DIVERSION	0.0612

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,240
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

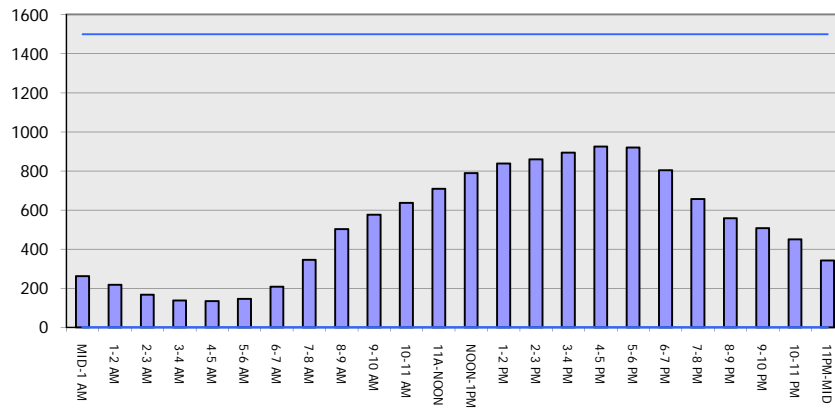
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CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: IH 90, USH 12

MAY
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 Construction Season

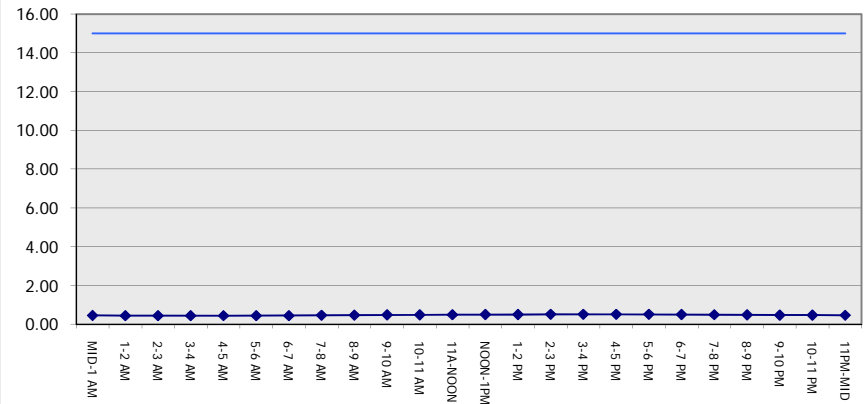
GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT

MON-THUR EASTBOUND DIRECTION

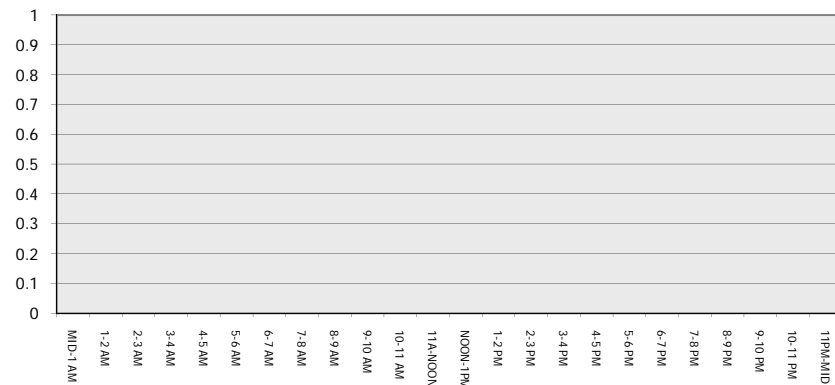
Main Route - Traffic Demand (Vehicles Per Hour)



Main Route Average Delay Per Vehicle (Minutes)



Main Route - Average Queue Length (Vehicles)



Main Route - Average Speed (MPH)

