

IH 90/94: IH 90 & IH 94 TO USH 12/STH 16 (JUNEAU AND MONROE COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 82 - USH12/STH 16 - STH 80	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	319	0.0	41	0.0	1500	319	0	41	0.45	0	65.8	61.7	44.2	44.2	44.2
1-2 AM	259	0.0	32	0.0	1500	259	0	32	0.45	0	65.9	61.9	44.5	44.3	44.3
2-3 AM	228	0.0	29	0.0	1500	228	0	29	0.44	0	66.0	62.0	44.6	44.3	44.3
3-4 AM	269	0.0	35	0.0	1500	269	0	35	0.45	0	65.9	61.9	44.4	44.2	44.2
4-5 AM	278	0.0	36	0.0	1500	278	0	36	0.45	0	65.9	61.9	44.4	44.2	44.2
5-6 AM	388	0.0	50	0.0	1500	388	0	50	0.46	0	65.6	61.6	44.0	44.0	44.0
6-7 AM	572	0.0	72	0.0	1500	572	0	72	0.48	0	65.3	61.1	43.2	43.7	43.7
7-8 AM	798	0.0	102	0.0	1500	798	0	102	0.50	0	64.9	60.6	42.4	43.3	43.3
8-9 AM	939	0.0	119	0.0	1500	939	0	119	0.51	0	64.6	60.2	41.9	43.0	43.0
9-10 AM	1087	0.0	138	0.0	1500	1087	0	138	0.53	0	64.3	59.9	41.4	42.7	42.7
10-11 AM	1333	0.0	170	0.0	1500	1333	0	170	0.81	0	63.9	57.4	34.7	42.3	42.3
11A-NOON	1468	0.0	187	0.0	1500	1468	0	187	0.98	0	63.7	56.0	31.5	42.0	42.0
NOON-1PM	1379	0.0	175	0.0	1499	1379	0	175	0.87	0	63.8	56.9	33.5	42.2	42.2
1-2 PM	1506	0.0	191	0.0	1499	1506	0	191	1.19	5	63.6	54.5	31.1	42.0	42.0
2-3 PM	1675	0.0	213	0.0	1500	1675	0	213	4.53	101	63.3	38.8	30.8	41.7	41.7
3-4 PM	1732	0.0	221	0.0	1499	1506	226	447	8.42	200	63.2	29.1	30.8	41.5	38.3
4-5 PM	1682	0.0	214	0.0	1499	1490	192	406	8.20	194	63.3	29.6	30.8	41.7	38.9
5-6 PM	1673	0.0	213	0.0	1500	1498	174	387	8.09	191	63.3	29.8	30.8	41.7	39.2
6-7 PM	1618	0.0	206	0.0	1500	1486	132	337	7.83	184	63.3	30.3	30.8	41.8	39.9
7-8 PM	1402	0.0	178	0.0	1499	1396	6	185	5.95	135	63.8	34.8	30.9	42.2	42.1
8-9 PM	1179	0.0	150	0.0	1500	1178	0	150	0.96	10	64.2	56.6	38.6	42.6	42.5
9-10 PM	837	0.0	106	0.0	1500	837	0	106	0.50	0	64.8	60.5	42.2	43.2	43.2
10-11 PM	617	0.0	79	0.0	1500	617	0	79	0.48	0	65.3	61.0	43.0	43.6	43.6
11PM-MID	432	0.0	55	0.0	1500	432	0	55	0.46	0	65.6	61.5	43.8	43.9	43.9

----- 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	0.0286
MAIN ROUTE WITH WORKS	0.0262
DIVERSION	0.0138

PIA: Personal Injury Accidents

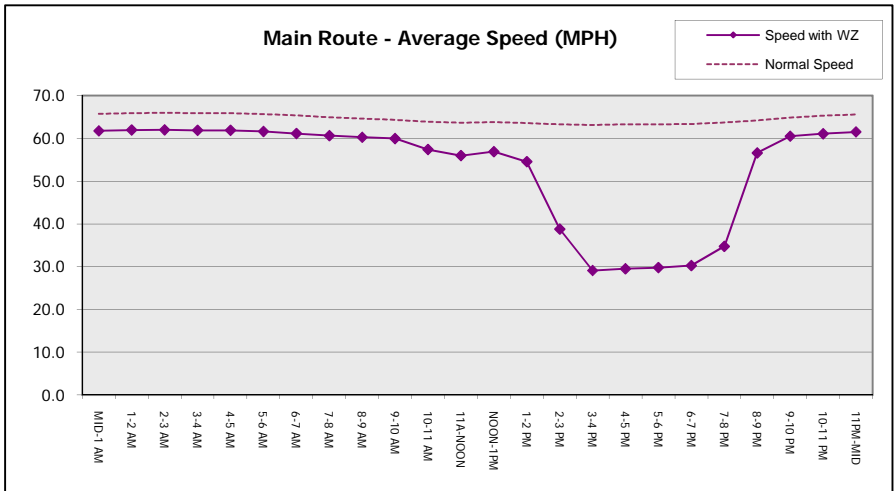
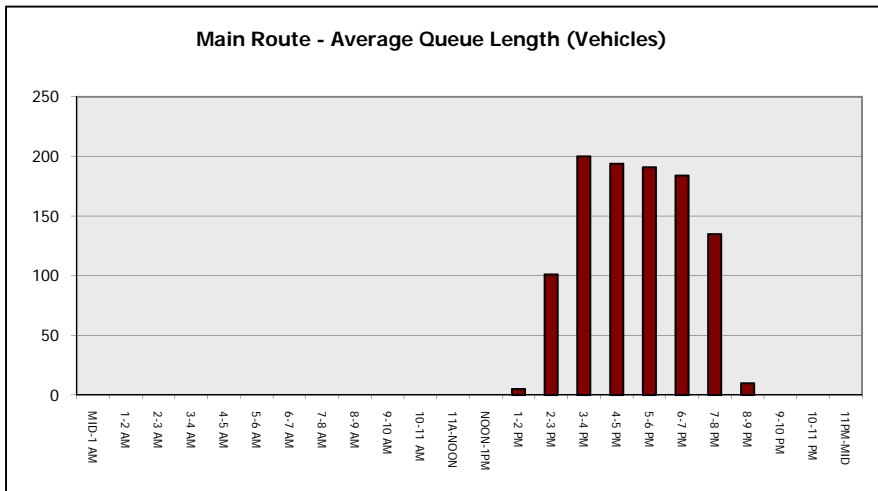
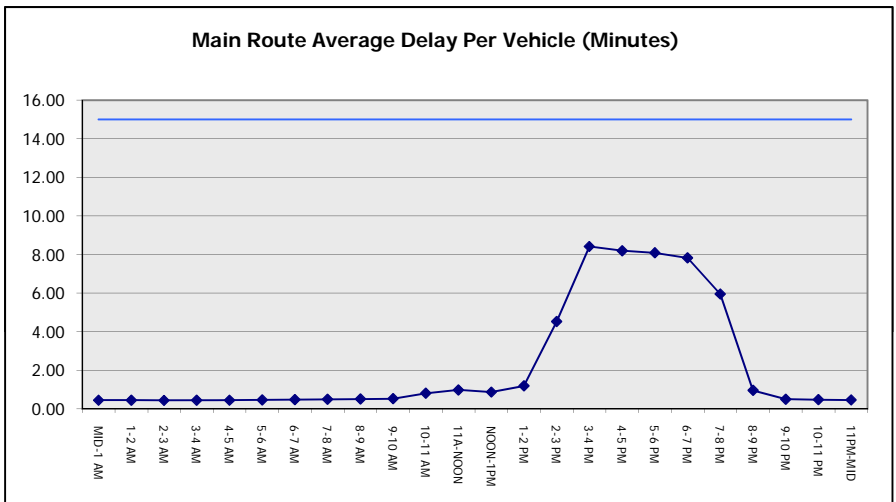
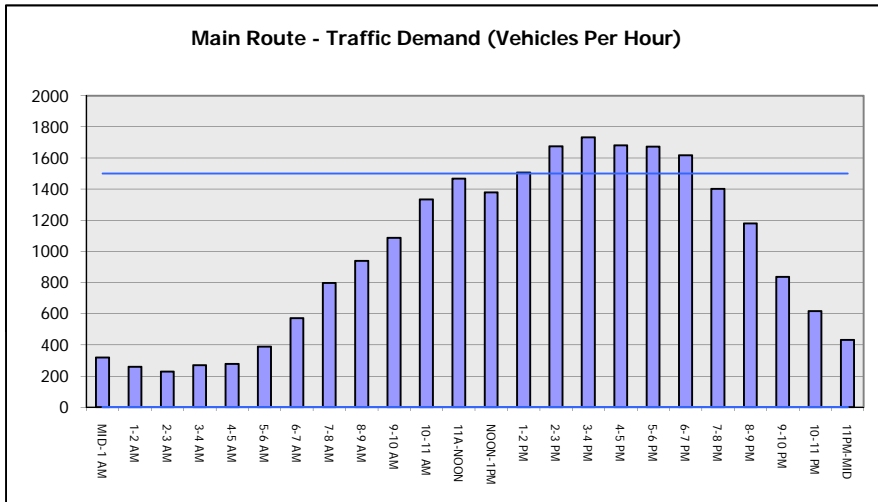
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$18,599
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

**IH 90/94: IH 90 & IH 94 TO USH 12/STH 16 (JUNEAU AND MONROE COUNTIES)
 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 82 - USH12/STH 16 - STH 80**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



IH 90/94: IH 90 & IH 94 TO USH 12/STH 16 (JUNEAU AND MONROE COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 82 - USH12/STH 16 - STH 80	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	270	0.0	35	0.0	1500	270	0	35	0.45	0	65.9	61.9	44.4	44.2	44.2
1-2 AM	198	0.0	25	0.0	1500	198	0	25	0.44	0	66.0	62.0	44.7	44.3	44.3
2-3 AM	220	0.0	28	0.0	1500	220	0	28	0.44	0	66.0	62.0	44.6	44.3	44.3
3-4 AM	180	0.0	23	0.0	1500	180	0	23	0.44	0	66.1	62.1	44.8	44.4	44.4
4-5 AM	192	0.0	25	0.0	1500	192	0	25	0.44	0	66.0	62.0	44.7	44.3	44.3
5-6 AM	241	0.0	30	0.0	1500	241	0	30	0.45	0	66.0	61.9	44.5	44.3	44.3
6-7 AM	396	0.0	51	0.0	1500	396	0	51	0.46	0	65.6	61.5	43.9	44.0	44.0
7-8 AM	556	0.0	70	0.0	1500	556	0	70	0.48	0	65.3	61.2	43.3	43.7	43.7
8-9 AM	691	0.0	88	0.0	1500	691	0	88	0.49	0	65.1	60.9	42.8	43.5	43.5
9-10 AM	922	0.0	117	0.0	1500	922	0	117	0.51	0	64.6	60.3	42.0	43.0	43.0
10-11 AM	968	0.0	123	0.0	1500	968	0	123	0.52	0	64.6	60.2	41.8	43.0	43.0
11A-NOON	1164	0.0	148	0.0	1500	1164	0	148	0.59	0	64.2	59.3	39.6	42.6	42.6
NOON-1PM	1287	0.0	163	0.0	1500	1287	0	163	0.75	0	64.0	57.9	35.9	42.4	42.4
1-2 PM	1440	0.0	183	0.0	1499	1440	0	183	0.95	0	63.7	56.3	32.1	42.1	42.1
2-3 PM	1584	0.0	201	0.0	1499	1584	0	201	2.25	35	63.4	48.3	30.8	41.9	41.9
3-4 PM	1658	0.0	211	0.0	1500	1610	48	259	6.46	149	63.3	33.3	30.8	41.7	41.0
4-5 PM	1700	0.0	216	0.0	1499	1500	200	416	8.25	196	63.2	29.5	30.8	41.6	38.8
5-6 PM	1571	0.0	200	0.0	1499	1475	96	296	7.63	178	63.5	30.8	30.8	41.9	40.5
6-7 PM	1411	0.0	180	0.0	1499	1410	2	181	5.93	133	63.8	34.8	30.8	42.2	42.1
7-8 PM	1224	0.0	156	0.0	1500	1224	0	156	1.10	12	64.1	55.5	37.1	42.5	42.5
8-9 PM	1094	0.0	140	0.0	1500	1094	0	140	0.53	0	64.3	59.9	41.4	42.7	42.7
9-10 PM	770	0.0	98	0.0	1500	770	0	98	0.50	0	65.0	60.7	42.5	43.3	43.3
10-11 PM	525	0.0	67	0.0	1500	525	0	67	0.47	0	65.4	61.2	43.4	43.8	43.8
11PM-MID	325	0.0	41	0.0	1500	325	0	41	0.45	0	65.8	61.7	44.2	44.2	44.2

----- 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	0.0249
MAIN ROUTE WITH WORKS	0.0231
DIVERSION	0.0109

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$13,091
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 82 - USH12/STH 16 - STH 80**

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GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

