

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	AUGUST
	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	339	0.0	43	0.0	1500	339	0	43	0.46	0	65.8	61.7	44.2	44.1	44.1
1-2 AM	299	0.0	38	0.0	1500	299	0	38	0.45	0	65.8	61.8	44.3	44.2	44.2
2-3 AM	305	0.0	39	0.0	1500	305	0	39	0.45	0	65.8	61.8	44.3	44.2	44.2
3-4 AM	294	0.0	38	0.0	1500	294	0	38	0.45	0	65.8	61.8	44.3	44.2	44.2
4-5 AM	301	0.0	38	0.0	1500	301	0	38	0.45	0	65.8	61.8	44.3	44.2	44.2
5-6 AM	396	0.0	51	0.0	1500	396	0	51	0.46	0	65.6	61.5	43.9	44.0	44.0
6-7 AM	562	0.0	71	0.0	1500	562	0	71	0.48	0	65.3	61.2	43.3	43.7	43.7
7-8 AM	797	0.0	102	0.0	1500	797	0	102	0.50	0	64.9	60.6	42.4	43.3	43.3
8-9 AM	1087	0.0	138	0.0	1500	1087	0	138	0.53	0	64.3	59.9	41.4	42.7	42.7
9-10 AM	1361	0.0	173	0.0	1499	1361	0	173	0.84	0	63.8	57.1	34.0	42.2	42.2
10-11 AM	1603	0.0	204	0.0	1499	1603	0	204	2.45	41	63.4	47.3	30.8	41.8	41.8
11A-NOON	1682	0.0	214	0.0	1500	1594	88	302	7.16	168	63.3	31.7	30.8	41.7	40.4
NOON-1PM	1740	0.0	222	0.0	1499	1513	227	448	8.43	201	63.2	29.1	30.8	41.5	38.3
1-2 PM	1946	0.0	248	0.0	1500	1537	409	657	9.70	236	62.8	26.9	30.8	41.2	35.3
2-3 PM	1862	0.0	237	0.0	1499	1481	381	618	9.45	229	62.9	27.3	30.8	41.4	35.9
3-4 PM	1995	0.0	254	0.0	1500	1529	466	720	10.13	248	62.7	26.2	30.8	41.1	34.5
4-5 PM	1953	0.0	249	0.0	1499	1483	470	719	10.13	248	62.7	26.2	30.8	41.2	34.5
5-6 PM	1765	0.0	225	0.0	1499	1463	302	527	8.89	214	63.1	28.3	30.8	41.5	37.2
6-7 PM	1722	0.0	219	0.0	1500	1494	228	448	8.43	200	63.2	29.1	30.8	41.6	38.3
7-8 PM	1601	0.0	203	0.0	1500	1472	128	331	7.80	183	63.4	30.4	30.8	41.8	40.0
8-9 PM	1218	0.0	155	0.0	1499	1218	0	155	2.73	66	64.1	46.3	35.9	42.5	42.5
9-10 PM	904	0.0	115	0.0	1500	904	0	115	0.51	0	64.7	60.4	42.0	43.1	43.1
10-11 PM	720	0.0	92	0.0	1500	720	0	92	0.49	0	65.0	60.8	42.7	43.4	43.4
11PM-MID	483	0.0	62	0.0	1500	483	0	62	0.47	0	65.5	61.4	43.6	43.8	43.8

----- 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	0.0326
MAIN ROUTE WITH WORKS	0.0277
DIVERSION	0.0226

PIA: Personal Injury Accidents

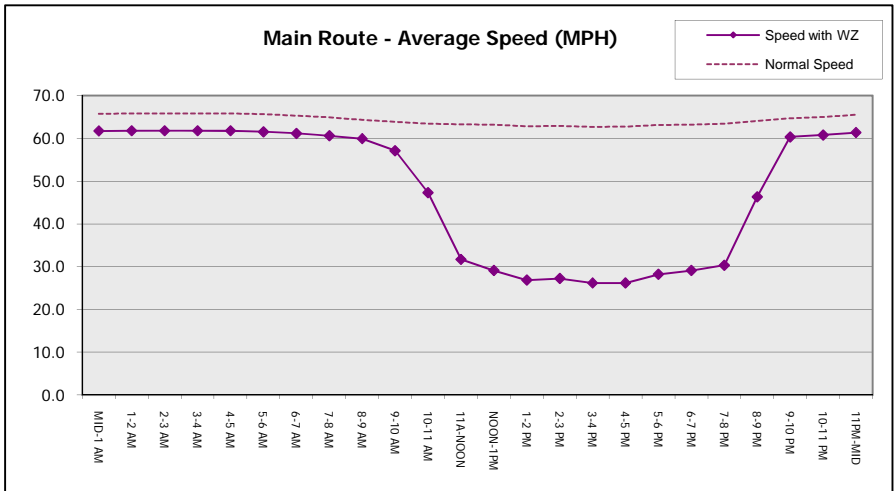
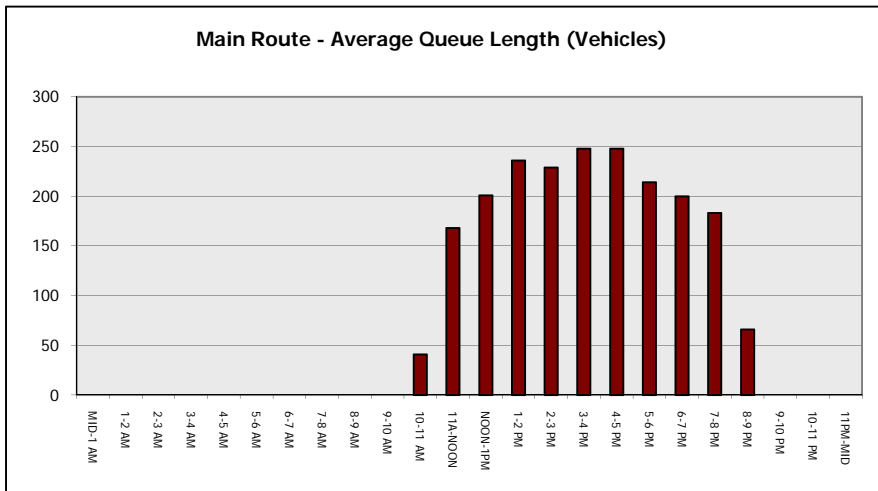
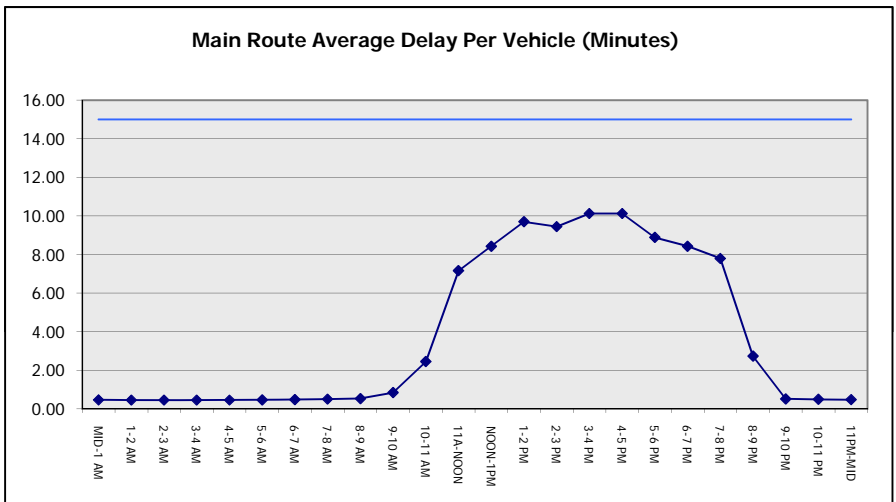
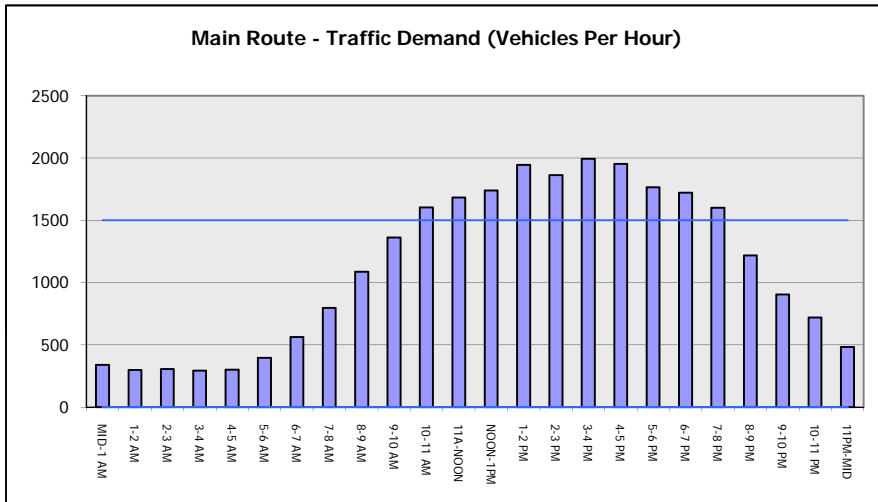
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$38,330
CONGESTED HOURS PER DAY*	0

*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

AUGUST
 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	AUGUST
	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	305	0.0	39	0.0	1500	305	0	39	0.45	0	65.8	61.8	44.3	44.2	44.2
1-2 AM	251	0.0	32	0.0	1500	251	0	32	0.45	0	65.9	61.9	44.5	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	190	0.0	24	0.0	1500	190	0	24	0.44	0	66.0	62.0	44.7	44.4	44.4
4-5 AM	197	0.0	25	0.0	1500	197	0	25	0.44	0	66.0	62.0	44.7	44.3	44.3
5-6 AM	261	0.0	34	0.0	1500	261	0	34	0.45	0	65.9	61.9	44.5	44.2	44.2
6-7 AM	371	0.0	48	0.0	1500	371	0	48	0.46	0	65.7	61.6	44.0	44.0	44.0
7-8 AM	581	0.0	74	0.0	1500	581	0	74	0.48	0	65.3	61.1	43.2	43.7	43.7
8-9 AM	792	0.0	101	0.0	1500	792	0	101	0.50	0	64.9	60.6	42.4	43.3	43.3
9-10 AM	1084	0.0	138	0.0	1500	1084	0	138	0.53	0	64.3	59.9	41.4	42.7	42.7
10-11 AM	1124	0.0	143	0.0	1500	1124	0	143	0.54	0	64.3	59.7	41.0	42.7	42.7
11A-NOON	1317	0.0	168	0.0	1499	1317	0	168	0.79	0	64.0	57.6	35.1	42.4	42.4
NOON-1PM	1559	0.0	199	0.0	1499	1559	0	199	1.61	17	63.5	51.9	31.1	41.9	41.9
1-2 PM	1981	0.0	252	0.0	1500	1691	290	542	8.69	215	62.7	28.6	30.8	41.1	37.0
2-3 PM	1953	0.0	249	0.0	1499	1483	470	718	10.13	248	62.7	26.2	30.8	41.2	34.5
3-4 PM	1999	0.0	254	0.0	1500	1509	490	744	10.30	253	62.7	26.0	30.8	41.1	34.1
4-5 PM	1933	0.0	247	0.0	1499	1479	454	700	10.00	244	62.8	26.4	30.8	41.2	34.7
5-6 PM	1721	0.0	219	0.0	1499	1457	264	484	8.64	207	63.2	28.8	30.8	41.6	37.8
6-7 PM	1537	0.0	196	0.0	1500	1470	66	262	7.46	173	63.5	31.2	30.8	41.9	41.0
7-8 PM	1315	0.0	168	0.0	1499	1315	0	168	3.63	82	64.0	42.4	32.7	42.4	42.4
8-9 PM	1137	0.0	145	0.0	1500	1137	0	145	0.56	0	64.3	59.6	40.6	42.7	42.7
9-10 PM	867	0.0	110	0.0	1500	867	0	110	0.51	0	64.8	60.4	42.2	43.2	43.2
10-11 PM	589	0.0	75	0.0	1500	589	0	75	0.48	0	65.3	61.1	43.2	43.7	43.7
11PM-MID	409	0.0	52	0.0	1500	409	0	52	0.46	0	65.6	61.5	43.8	44.0	44.0

----- 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	0.0287
MAIN ROUTE WITH WORKS	0.0248
DIVERSION	0.0186

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$28,191
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

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

