

<b>IH 90/94: IH 90 &amp; IH 94 TO USH 12/STH 16 (JUNEAU AND MONROE COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 82 - USH12/STH 16 - STH 80</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

**SUNDAY 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	186	0.0	24	0.0	1500	186	0	24	0.44	0	66.0	62.1	44.7	44.4	44.4
1-2 AM	136	0.0	17	0.0	1500	136	0	17	0.44	0	66.1	62.2	45.0	44.5	44.5
2-3 AM	121	0.0	15	0.0	1500	121	0	15	0.43	0	66.1	62.2	45.0	44.5	44.5
3-4 AM	116	0.0	15	0.0	1500	116	0	15	0.43	0	66.2	62.2	45.0	44.5	44.5
4-5 AM	118	0.0	15	0.0	1500	118	0	15	0.43	0	66.1	62.2	45.0	44.5	44.5
5-6 AM	141	0.0	18	0.0	1500	141	0	18	0.44	0	66.1	62.2	44.9	44.5	44.5
6-7 AM	219	0.0	28	0.0	1500	219	0	28	0.44	0	66.0	62.0	44.6	44.3	44.3
7-8 AM	377	0.0	48	0.0	1500	377	0	48	0.46	0	65.7	61.6	44.0	44.0	44.0
8-9 AM	637	0.0	81	0.0	1500	637	0	81	0.48	0	65.2	61.0	43.0	43.5	43.5
9-10 AM	996	0.0	126	0.0	1499	996	0	126	0.52	0	64.5	60.1	41.7	42.9	42.9
10-11 AM	1462	0.0	186	0.0	1499	1462	0	186	1.18	6	63.7	54.6	32.3	42.0	42.0
11A-NOON	1750	0.0	223	0.0	1500	1696	54	277	5.42	127	63.2	36.0	30.8	41.5	40.8
NOON-1PM	1902	0.0	242	0.0	1499	1517	385	627	9.51	231	62.8	27.2	30.8	41.2	35.8
1-2 PM	2013	0.0	256	0.0	1499	1525	489	745	10.31	253	62.7	25.9	30.8	41.0	34.1
2-3 PM	2173	0.0	277	0.0	1500	1537	636	913	11.60	289	62.3	24.1	30.8	40.8	31.7
3-4 PM	2194	0.0	279	0.0	1499	1496	698	977	12.15	304	62.3	23.4	30.8	40.7	30.8
4-5 PM	1994	0.0	254	0.0	1499	1445	549	803	10.75	265	62.7	25.3	30.8	41.1	33.3
5-6 PM	1763	0.0	225	0.0	1500	1454	309	534	8.94	215	63.1	28.2	30.8	41.5	37.1
6-7 PM	1544	0.0	197	0.0	1500	1462	82	278	7.54	176	63.5	31.0	30.8	41.9	40.7
7-8 PM	1218	0.0	155	0.0	1499	1218	0	155	2.47	57	64.1	47.6	36.0	42.5	42.5
8-9 PM	947	0.0	120	0.0	1500	947	0	120	0.51	0	64.6	60.2	41.9	43.0	43.0
9-10 PM	711	0.0	91	0.0	1500	711	0	91	0.49	0	65.1	60.8	42.7	43.4	43.4
10-11 PM	505	0.0	64	0.0	1500	505	0	64	0.47	0	65.5	61.3	43.5	43.8	43.8
11PM-MID	346	0.0	44	0.0	1500	346	0	44	0.46	0	65.8	61.7	44.1	44.1	44.1

*----- 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	0.0285
MAIN ROUTE WITH WORKS	0.0233
DIVERSION	0.0229

PIA: Personal Injury Accidents

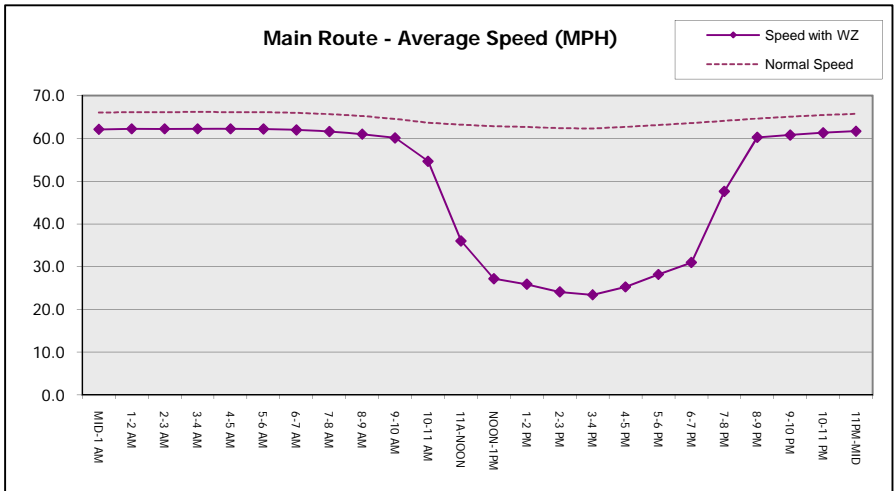
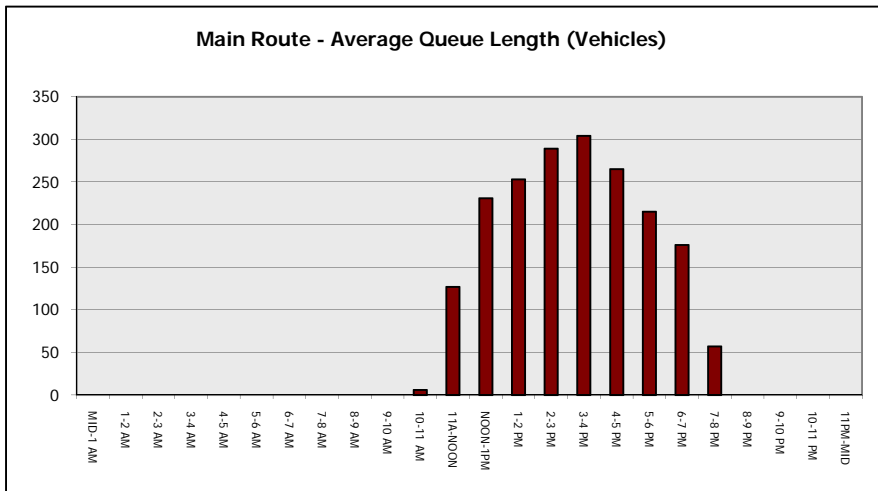
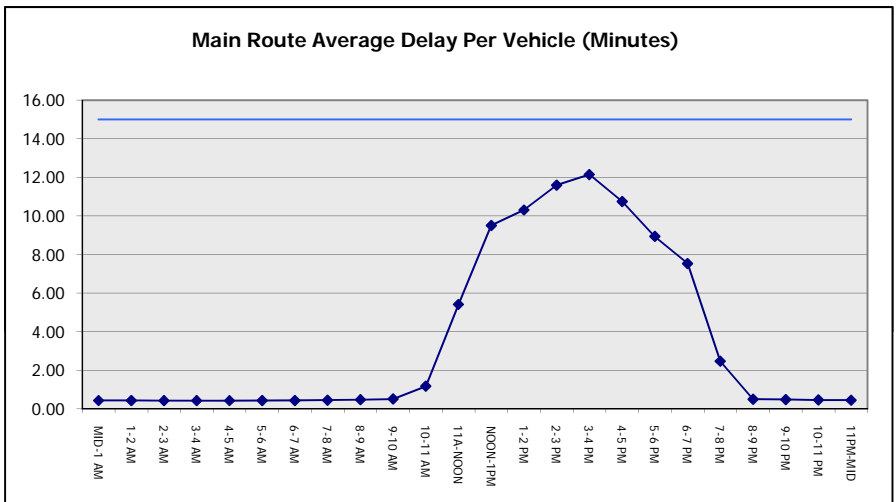
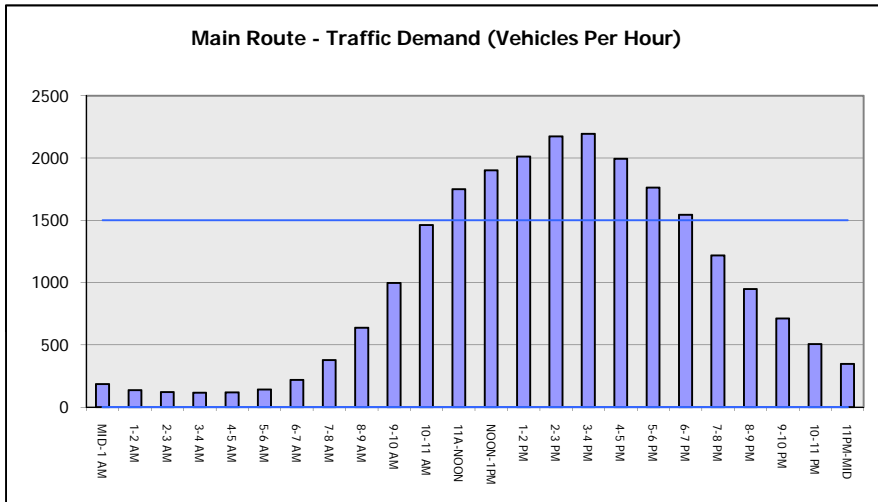
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$47,909
CONGESTED HOURS PER DAY*	0

\*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**  
**SUNDAY WESTBOUND DIRECTION**



<b>IH 90/94: IH 90 &amp; IH 94 TO USH 12/STH 16 (JUNEAU AND MONROE COUNTIES)</b> <b>CONTINUOUS (24 HOUR) CLOSURE</b> <b>DIVERSION ROUTE: STH 82 - USH12/STH 16 - STH 80</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY EASTBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH			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		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	204	0.0	26	0.0	1500	204	0	26	0.44	0	66.0	62.0	44.6	44.3	44.3
1-2 AM	144	0.0	18	0.0	1500	144	0	18	0.44	0	66.1	62.2	44.9	44.5	44.5
2-3 AM	116	0.0	15	0.0	1500	116	0	15	0.43	0	66.2	62.2	45.0	44.5	44.5
3-4 AM	100	0.0	13	0.0	1500	100	0	13	0.43	0	66.2	62.3	45.1	44.5	44.5
4-5 AM	93	0.0	12	0.0	1500	93	0	12	0.43	0	66.2	62.3	45.1	44.5	44.5
5-6 AM	126	0.0	16	0.0	1500	126	0	16	0.43	0	66.1	62.2	45.0	44.5	44.5
6-7 AM	188	0.0	24	0.0	1500	188	0	24	0.44	0	66.0	62.1	44.7	44.4	44.4
7-8 AM	354	0.0	45	0.0	1500	354	0	45	0.46	0	65.7	61.7	44.1	44.1	44.1
8-9 AM	655	0.0	83	0.0	1500	655	0	83	0.49	0	65.1	60.9	42.9	43.5	43.5
9-10 AM	1052	0.0	134	0.0	1499	1052	0	134	0.55	0	64.4	59.8	40.9	42.8	42.8
10-11 AM	1501	0.0	191	0.0	1499	1501	0	191	1.39	12	63.6	53.2	31.9	42.0	42.0
11A-NOON	1872	0.0	238	0.0	1500	1691	182	420	7.28	177	62.9	31.4	30.8	41.3	38.8
NOON-1PM	2061	0.0	263	0.0	1499	1539	521	784	10.59	261	62.5	25.5	30.8	41.0	33.5
1-2 PM	2331	0.0	296	0.0	1500	1571	760	1056	12.87	324	62.0	22.5	30.8	40.5	29.7
2-3 PM	2431	0.0	309	0.0	1499	1526	905	1214+	14.47	369	61.6	20.8	30.8	40.3	27.4
3-4 PM	2430	0.0	309	0.0	1499	1491	939	1248+	14.87	379	61.6	20.5	30.8	40.3	27.0
4-5 PM	2206	0.0	281	0.0	1499	1424	782	1063	12.96	327	62.3	22.5	30.8	40.7	29.6
5-6 PM	1941	0.0	248	0.0	1500	1434	507	754	10.39	256	62.8	25.8	30.8	41.2	34.0
6-7 PM	1648	0.0	210	0.0	1500	1445	203	413	8.24	196	63.3	29.5	30.8	41.7	38.8
7-8 PM	1315	0.0	168	0.0	1499	1313	3	170	4.23	99	64.0	40.1	32.8	42.4	42.3
8-9 PM	1003	0.0	128	0.0	1500	1003	0	128	0.52	0	64.5	60.1	41.7	42.9	42.9
9-10 PM	785	0.0	99	0.0	1500	785	0	99	0.50	0	64.9	60.6	42.4	43.3	43.3
10-11 PM	546	0.0	69	0.0	1500	546	0	69	0.48	0	65.4	61.2	43.3	43.7	43.7
11PM-MID	339	0.0	43	0.0	1500	339	0	43	0.46	0	65.8	61.7	44.2	44.1	44.1

+ 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	0.0308
MAIN ROUTE WITH WORKS	0.0236
DIVERSION	0.0296

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$64,178
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**  
**SUNDAY EASTBOUND DIRECTION**

