

<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>OCTOBER</b>
	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	290	0.0	37	0.0	1500	290	0	37	0.45	0	65.8	61.8	44.3	44.2	44.2
1-2 AM	279	0.0	36	0.0	1500	279	0	36	0.45	0	65.9	61.9	44.3	44.2	44.2
2-3 AM	249	0.0	31	0.0	1500	249	0	31	0.45	0	66.0	61.9	44.5	44.3	44.3
3-4 AM	256	0.0	32	0.0	1500	256	0	32	0.45	0	65.9	61.9	44.5	44.3	44.3
4-5 AM	283	0.0	36	0.0	1500	283	0	36	0.45	0	65.9	61.9	44.3	44.2	44.2
5-6 AM	366	0.0	47	0.0	1500	366	0	47	0.46	0	65.7	61.6	44.0	44.0	44.0
6-7 AM	525	0.0	67	0.0	1500	525	0	67	0.47	0	65.4	61.2	43.4	43.8	43.8
7-8 AM	736	0.0	94	0.0	1500	736	0	94	0.49	0	65.0	60.7	42.6	43.3	43.3
8-9 AM	906	0.0	116	0.0	1500	906	0	116	0.51	0	64.7	60.3	42.0	43.0	43.0
9-10 AM	1090	0.0	138	0.0	1500	1090	0	138	0.53	0	64.3	59.9	41.4	42.7	42.7
10-11 AM	1301	0.0	166	0.0	1500	1301	0	166	0.77	0	64.0	57.8	35.5	42.4	42.4
11A-NOON	1393	0.0	177	0.0	1499	1393	0	177	0.89	0	63.8	56.8	33.2	42.2	42.2
NOON-1PM	1500	0.0	190	0.0	1499	1500	0	190	1.18	5	63.6	54.6	31.2	42.0	42.0
1-2 PM	1734	0.0	221	0.0	1500	1698	36	257	5.19	121	63.2	36.7	30.8	41.5	41.0
2-3 PM	1795	0.0	228	0.0	1499	1494	301	530	8.90	214	63.0	28.3	30.8	41.5	37.1
3-4 PM	1719	0.0	219	0.0	1499	1486	233	452	8.45	201	63.2	29.1	30.8	41.6	38.3
4-5 PM	1751	0.0	223	0.0	1500	1506	245	467	8.54	204	63.1	28.9	30.8	41.5	38.1
5-6 PM	1698	0.0	216	0.0	1499	1488	211	427	8.31	197	63.2	29.4	30.8	41.6	38.6
6-7 PM	1600	0.0	203	0.0	1500	1478	122	325	7.77	182	63.4	30.5	30.8	41.8	40.1
7-8 PM	1275	0.0	162	0.0	1499	1275	0	162	3.40	81	64.0	43.3	33.8	42.4	42.4
8-9 PM	1017	0.0	130	0.0	1500	1017	0	130	0.52	0	64.5	60.1	41.6	42.8	42.8
9-10 PM	736	0.0	94	0.0	1500	736	0	94	0.49	0	65.0	60.7	42.6	43.3	43.3
10-11 PM	499	0.0	64	0.0	1500	499	0	64	0.47	0	65.5	61.3	43.5	43.8	43.8
11PM-MID	369	0.0	47	0.0	1500	369	0	47	0.46	0	65.7	61.6	44.0	44.0	44.0

*----- 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	0.0283
MAIN ROUTE WITH WORKS	0.0254
DIVERSION	0.0152

PIA: Personal Injury Accidents

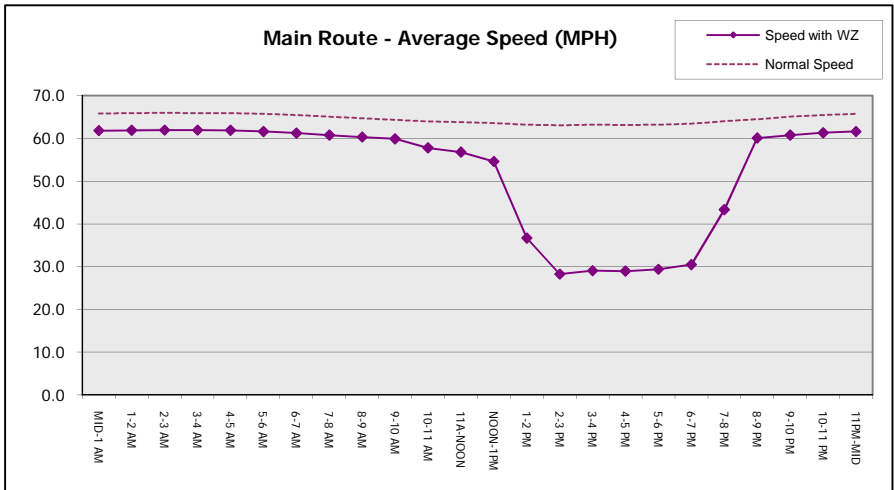
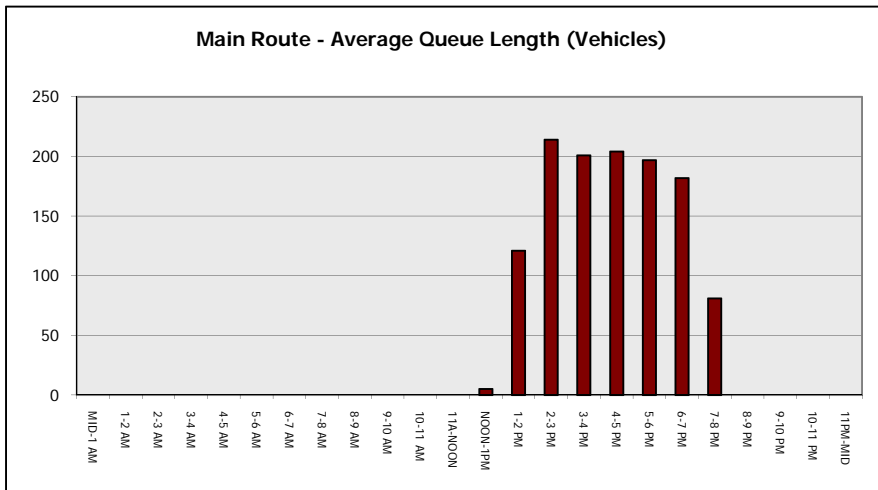
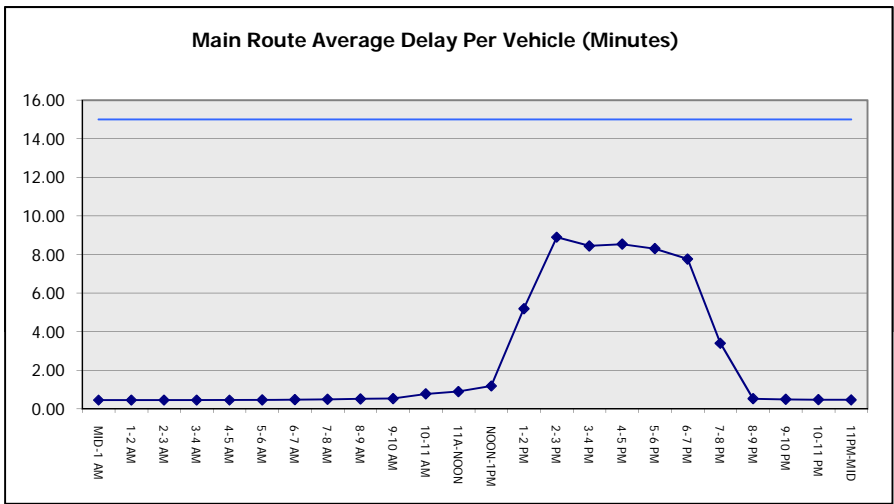
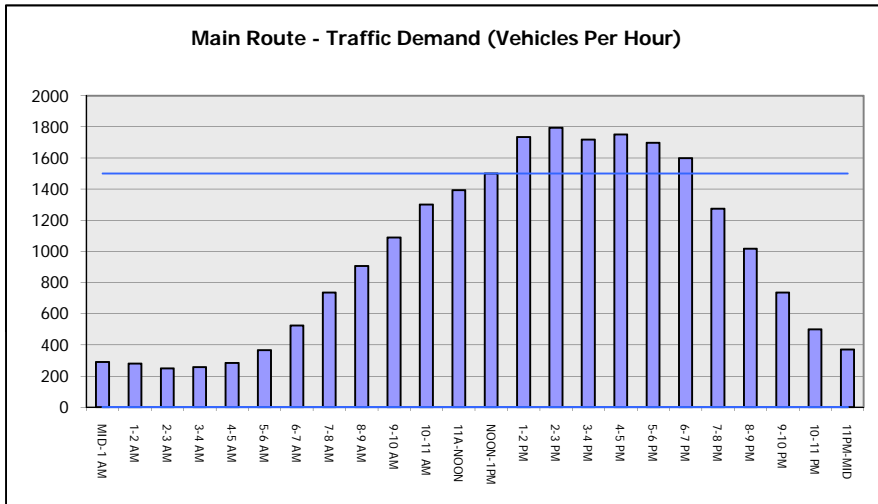
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$21,957
CONGESTED HOURS PER DAY*	0

\*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**

**OCTOBER**  
 Analyzed for 2009  
 Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY 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>OCTOBER</b>
	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	258	0.0	32	0.0	1500	258	0	32	0.45	0	65.9	61.9	44.5	44.3	44.3
1-2 AM	226	0.0	29	0.0	1500	226	0	29	0.44	0	66.0	62.0	44.6	44.3	44.3
2-3 AM	214	0.0	27	0.0	1500	214	0	27	0.44	0	66.0	62.0	44.6	44.3	44.3
3-4 AM	182	0.0	23	0.0	1500	182	0	23	0.44	0	66.1	62.1	44.8	44.4	44.4
4-5 AM	195	0.0	25	0.0	1500	195	0	25	0.44	0	66.0	62.0	44.7	44.3	44.3
5-6 AM	240	0.0	30	0.0	1500	240	0	30	0.45	0	66.0	61.9	44.5	44.3	44.3
6-7 AM	354	0.0	45	0.0	1500	354	0	45	0.46	0	65.7	61.7	44.1	44.1	44.1
7-8 AM	549	0.0	70	0.0	1500	549	0	70	0.48	0	65.4	61.2	43.3	43.7	43.7
8-9 AM	676	0.0	87	0.0	1500	676	0	87	0.49	0	65.1	60.9	42.8	43.5	43.5
9-10 AM	888	0.0	114	0.0	1500	888	0	114	0.51	0	64.7	60.4	42.1	43.1	43.1
10-11 AM	1115	0.0	142	0.0	1500	1115	0	142	0.53	0	64.3	59.8	41.3	42.7	42.7
11A-NOON	1295	0.0	164	0.0	1500	1295	0	164	0.76	0	64.0	57.8	35.6	42.4	42.4
NOON-1PM	1447	0.0	184	0.0	1499	1447	0	184	0.96	0	63.7	56.2	31.9	42.1	42.1
1-2 PM	1580	0.0	201	0.0	1499	1580	0	201	2.13	31	63.5	48.9	30.8	41.9	41.9
2-3 PM	1712	0.0	217	0.0	1500	1624	88	305	6.78	159	63.2	32.5	30.8	41.6	40.4
3-4 PM	1796	0.0	228	0.0	1499	1512	284	512	8.80	211	63.0	28.4	30.8	41.5	37.4
4-5 PM	1827	0.0	233	0.0	1500	1499	328	560	9.09	219	63.0	27.9	30.8	41.4	36.7
5-6 PM	1640	0.0	209	0.0	1499	1462	178	387	8.10	191	63.3	29.8	30.8	41.7	39.2
6-7 PM	1443	0.0	184	0.0	1500	1429	14	198	6.61	151	63.7	33.1	30.8	42.1	41.9
7-8 PM	1190	0.0	151	0.0	1500	1190	0	151	1.37	22	64.1	53.8	37.8	42.5	42.5
8-9 PM	955	0.0	121	0.0	1500	955	0	121	0.51	0	64.6	60.2	41.9	43.0	43.0
9-10 PM	712	0.0	91	0.0	1500	712	0	91	0.49	0	65.1	60.8	42.7	43.4	43.4
10-11 PM	494	0.0	63	0.0	1500	494	0	63	0.47	0	65.5	61.3	43.5	43.8	43.8
11PM-MID	320	0.0	41	0.0	1500	320	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	0.0258
MAIN ROUTE WITH WORKS	0.0233
DIVERSION	0.0133

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY ( DOLLARS)	\$18,358
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**

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**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY EASTBOUND DIRECTION**

