

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

SATURDAY 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		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	341	0.0	43	0.0	1500	341	0	43	0.46	0	65.8	61.7	44.2	44.1	44.1
1-2 AM	282	0.0	36	0.0	1500	282	0	36	0.45	0	65.9	61.9	44.3	44.2	44.2
2-3 AM	266	0.0	34	0.0	1500	266	0	34	0.45	0	65.9	61.9	44.4	44.2	44.2
3-4 AM	248	0.0	31	0.0	1500	248	0	31	0.45	0	66.0	61.9	44.5	44.3	44.3
4-5 AM	260	0.0	34	0.0	1500	260	0	34	0.45	0	65.9	61.9	44.5	44.2	44.2
5-6 AM	323	0.0	41	0.0	1500	323	0	41	0.45	0	65.8	61.7	44.2	44.2	44.2
6-7 AM	488	0.0	62	0.0	1500	488	0	62	0.47	0	65.5	61.4	43.5	43.8	43.8
7-8 AM	731	0.0	93	0.0	1500	731	0	93	0.49	0	65.0	60.7	42.7	43.4	43.4
8-9 AM	1091	0.0	138	0.0	1499	1091	0	138	0.57	0	64.3	59.6	40.4	42.7	42.7
9-10 AM	1453	0.0	185	0.0	1499	1453	0	185	1.05	2	63.7	55.5	32.1	42.1	42.1
10-11 AM	1655	0.0	211	0.0	1500	1655	0	211	3.88	82	63.3	41.1	30.8	41.7	41.7
11A-NOON	1666	0.0	212	0.0	1499	1519	148	360	7.94	187	63.3	30.1	30.8	41.7	39.6
NOON-1PM	1462	0.0	186	0.0	1499	1441	21	207	6.83	157	63.7	32.6	30.8	42.0	41.8
1-2 PM	1413	0.0	179	0.0	1500	1413	0	179	4.22	88	63.8	40.1	31.0	42.2	42.2
2-3 PM	1313	0.0	168	0.0	1500	1313	0	168	0.95	4	64.0	56.4	34.9	42.4	42.4
3-4 PM	1283	0.0	163	0.0	1500	1283	0	163	0.74	0	64.0	57.9	36.0	42.4	42.4
4-5 PM	1116	0.0	142	0.0	1500	1116	0	142	0.53	0	64.3	59.8	41.3	42.7	42.7
5-6 PM	986	0.0	125	0.0	1500	986	0	125	0.52	0	64.5	60.1	41.7	42.9	42.9
6-7 PM	841	0.0	107	0.0	1500	841	0	107	0.50	0	64.8	60.5	42.2	43.2	43.2
7-8 PM	729	0.0	93	0.0	1500	729	0	93	0.49	0	65.0	60.7	42.7	43.4	43.4
8-9 PM	578	0.0	74	0.0	1500	578	0	74	0.48	0	65.3	61.1	43.2	43.7	43.7
9-10 PM	490	0.0	63	0.0	1500	490	0	63	0.47	0	65.5	61.4	43.5	43.8	43.8
10-11 PM	367	0.0	46	0.0	1500	367	0	46	0.46	0	65.7	61.6	44.0	44.0	44.0
11PM-MID	258	0.0	32	0.0	1500	258	0	32	0.45	0	65.9	61.9	44.5	44.3	44.3

----- 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	0.0238
MAIN ROUTE WITH WORKS	0.0223
DIVERSION	0.0098

PIA: Personal Injury Accidents

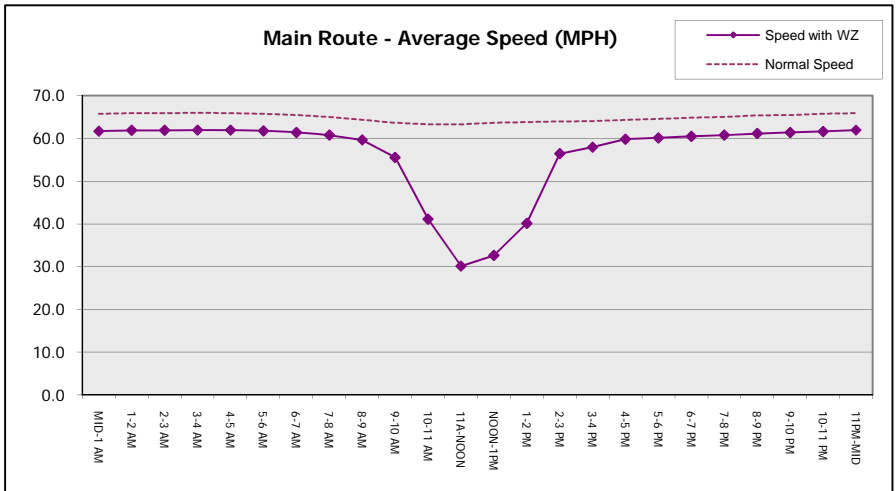
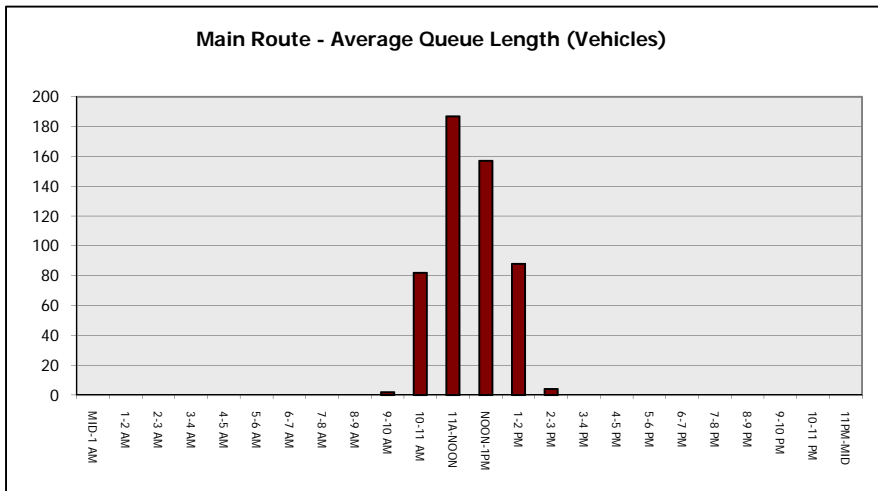
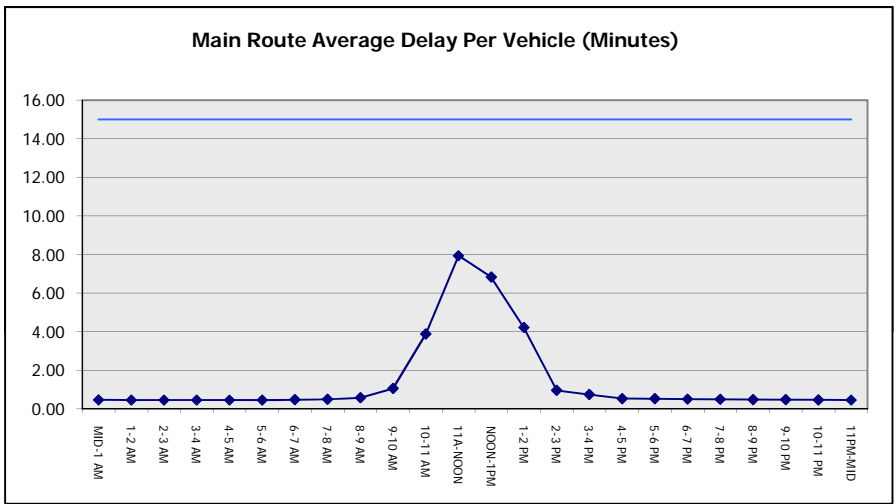
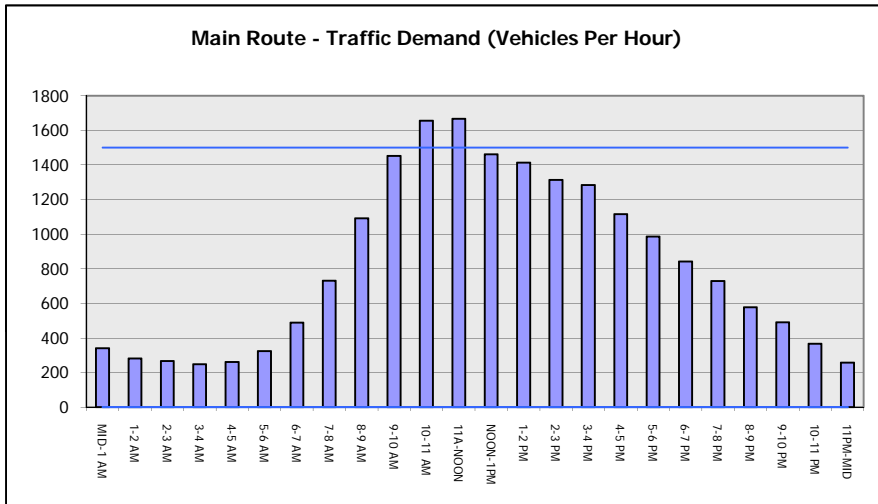
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$12,552
CONGESTED HOURS PER DAY*	0

*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
SATURDAY 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

SATURDAY 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	285	0.0	37	0.0	1500	285	0	37	0.45	0	65.8	61.9	44.3	44.2	44.2
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	203	0.0	26	0.0	1500	203	0	26	0.44	0	66.0	62.0	44.6	44.3	44.3
3-4 AM	177	0.0	23	0.0	1500	177	0	23	0.44	0	66.1	62.1	44.8	44.4	44.4
4-5 AM	161	0.0	21	0.0	1500	161	0	21	0.44	0	66.1	62.2	44.8	44.4	44.4
5-6 AM	208	0.0	27	0.0	1500	208	0	27	0.44	0	66.0	62.0	44.6	44.3	44.3
6-7 AM	317	0.0	40	0.0	1500	317	0	40	0.45	0	65.8	61.7	44.2	44.2	44.2
7-8 AM	524	0.0	67	0.0	1500	524	0	67	0.47	0	65.4	61.2	43.4	43.8	43.8
8-9 AM	795	0.0	102	0.0	1500	795	0	102	0.50	0	64.9	60.6	42.4	43.3	43.3
9-10 AM	1282	0.0	163	0.0	1499	1282	0	163	0.74	0	64.0	58.0	36.3	42.4	42.4
10-11 AM	1708	0.0	217	0.0	1499	1708	0	217	3.93	88	63.2	40.9	30.8	41.6	41.6
11A-NOON	1777	0.0	226	0.0	1499	1500	276	502	8.74	209	63.1	28.6	30.8	41.5	37.6
NOON-1PM	1645	0.0	210	0.0	1499	1476	169	378	8.05	190	63.3	29.9	30.8	41.7	39.3
1-2 PM	1672	0.0	213	0.0	1500	1505	167	380	8.05	190	63.3	29.9	30.8	41.7	39.3
2-3 PM	1552	0.0	198	0.0	1499	1479	73	271	7.50	175	63.5	31.1	30.8	41.9	40.9
3-4 PM	1478	0.0	188	0.0	1500	1471	7	196	6.92	159	63.7	32.4	30.8	42.0	41.9
4-5 PM	1296	0.0	165	0.0	1499	1296	0	165	2.62	56	64.0	46.8	33.8	42.4	42.4
5-6 PM	1130	0.0	144	0.0	1500	1130	0	144	0.55	0	64.3	59.7	40.8	42.7	42.7
6-7 PM	964	0.0	123	0.0	1500	964	0	123	0.52	0	64.6	60.2	41.8	43.0	43.0
7-8 PM	799	0.0	102	0.0	1500	799	0	102	0.50	0	64.9	60.6	42.4	43.3	43.3
8-9 PM	680	0.0	86	0.0	1500	680	0	86	0.49	0	65.1	60.9	42.8	43.5	43.5
9-10 PM	525	0.0	67	0.0	1500	525	0	67	0.47	0	65.4	61.2	43.4	43.8	43.8
10-11 PM	418	0.0	53	0.0	1500	418	0	53	0.46	0	65.6	61.5	43.8	44.0	44.0
11PM-MID	256	0.0	32	0.0	1500	256	0	32	0.45	0	65.9	61.9	44.5	44.3	44.3

----- 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	0.0243
MAIN ROUTE WITH WORKS	0.0222
DIVERSION	0.0120

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$22,521
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**

AUGUST
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

