

IH 90/94: USH 12/STH 16 TO IH 39 (COLUMBIA, SAUK AND JUNEAU COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 33 - USH 12	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	308	0.0	127	0.0	1500	308	0	127	0.45	0	65.8	63.5	44.3	42.9	42.9
1-2 AM	281	0.0	116	0.0	1500	281	0	116	0.45	0	65.9	63.5	44.3	43.0	43.0
2-3 AM	277	0.0	114	0.0	1500	277	0	114	0.45	0	65.9	63.6	44.4	43.1	43.1
3-4 AM	267	0.0	110	0.0	1500	267	0	110	0.45	0	65.9	63.6	44.4	43.2	43.2
4-5 AM	282	0.0	116	0.0	1500	282	0	116	0.45	0	65.9	63.5	44.3	43.0	43.0
5-6 AM	390	0.0	160	0.0	1500	390	0	160	0.46	0	65.6	63.3	43.9	42.4	42.4
6-7 AM	560	0.0	230	0.0	1500	560	0	230	0.48	0	65.3	62.9	43.3	41.4	41.4
7-8 AM	778	0.0	321	0.0	1500	778	0	321	0.50	0	65.0	62.5	42.5	40.1	40.1
8-9 AM	943	0.0	389	0.0	1500	943	0	389	0.51	0	64.6	62.1	41.9	39.2	39.2
9-10 AM	1107	0.0	456	0.0	1500	1107	0	456	0.53	0	64.3	61.7	41.3	38.2	38.2
10-11 AM	1217	0.0	501	0.0	1500	1217	0	501	0.66	0	64.1	61.0	37.9	37.6	37.6
11A-NOON	1246	0.0	513	0.0	1500	1246	0	513	0.70	0	64.1	60.7	37.0	37.4	37.4
NOON-1PM	1290	0.0	531	0.0	1500	1290	0	531	0.75	0	64.0	60.4	35.8	37.1	37.1
1-2 PM	1409	0.0	580	0.0	1500	1409	0	580	0.91	0	63.8	59.6	32.7	36.5	36.5
2-3 PM	1452	0.0	598	0.0	1500	1452	0	598	0.96	0	63.7	59.2	31.8	36.2	36.2
3-4 PM	1448	0.0	596	0.0	1500	1448	0	596	0.96	0	63.7	59.2	31.9	36.2	36.2
4-5 PM	1415	0.0	582	0.0	1500	1415	0	582	0.92	0	63.8	59.5	32.6	36.4	36.4
5-6 PM	1262	0.0	520	0.0	1500	1262	0	520	0.72	0	64.0	60.6	36.6	37.3	37.3
6-7 PM	1114	0.0	459	0.0	1500	1114	0	459	0.53	0	64.3	61.7	41.3	38.2	38.2
7-8 PM	916	0.0	377	0.0	1500	916	0	377	0.51	0	64.7	62.2	42.0	39.3	39.3
8-9 PM	791	0.0	326	0.0	1500	791	0	326	0.50	0	64.9	62.4	42.4	40.1	40.1
9-10 PM	633	0.0	261	0.0	1500	633	0	261	0.48	0	65.2	62.8	43.0	41.0	41.0
10-11 PM	493	0.0	203	0.0	1500	493	0	203	0.47	0	65.5	63.1	43.5	41.8	41.8
11PM-MID	394	0.0	162	0.0	1500	394	0	162	0.46	0	65.6	63.3	43.9	42.4	42.4

----- 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	0.0439
MAIN ROUTE WITH WORKS	0.0425
DIVERSION	0.0637

PIA: Personal Injury Accidents

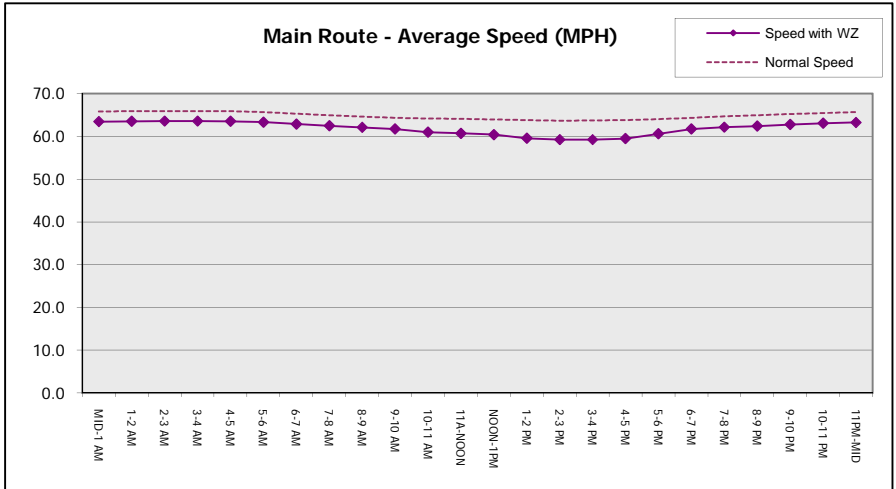
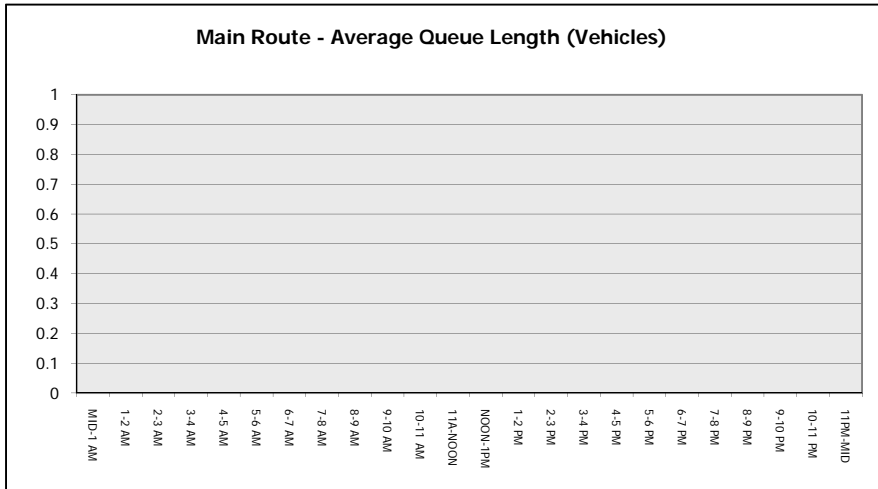
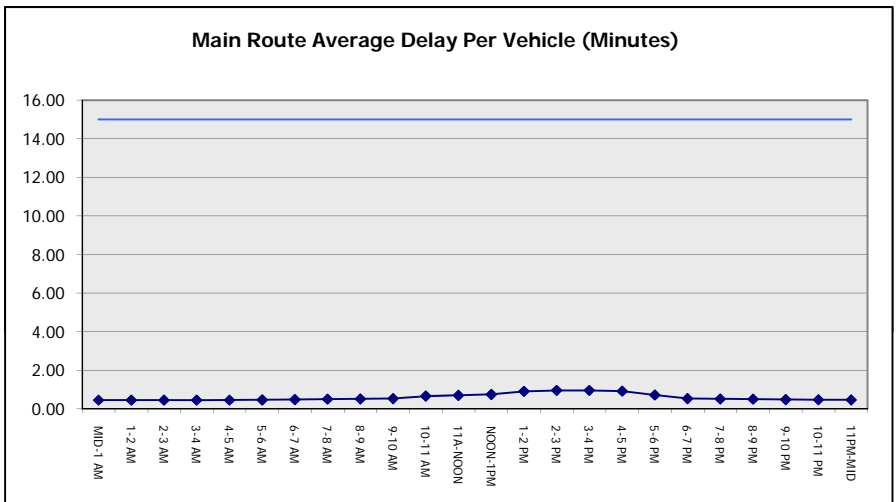
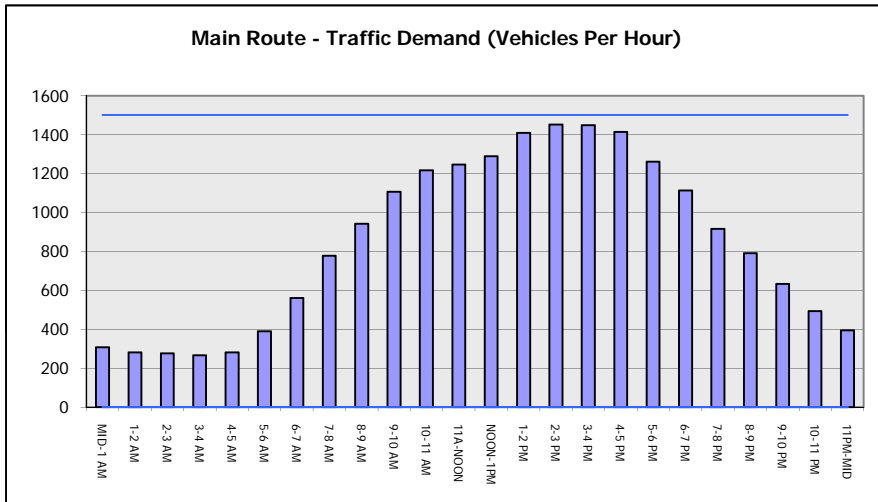
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,842
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 90/94: USH 12/STH 16 TO IH 39 (COLUMBIA, SAUK AND JUNEAU COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 33 - USH 12

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR WESTBOUND DIRECTION



IH 90/94: USH 12/STH 16 TO IH 39 (COLUMBIA, SAUK AND JUNEAU COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 33 - USH 12	AUGUST
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

MON-THUR 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	292	0.0	121	0.0	1500	292	0	121	0.45	0	65.8	63.5	44.3	43.0	43.0
1-2 AM	227	0.0	93	0.0	1500	227	0	93	0.44	0	66.0	63.7	44.6	43.4	43.4
2-3 AM	212	0.0	87	0.0	1500	212	0	87	0.44	0	66.0	63.7	44.6	43.5	43.5
3-4 AM	194	0.0	80	0.0	1500	194	0	80	0.44	0	66.0	63.8	44.7	43.6	43.6
4-5 AM	217	0.0	89	0.0	1500	217	0	89	0.44	0	66.0	63.7	44.6	43.5	43.5
5-6 AM	304	0.0	125	0.0	1500	304	0	125	0.45	0	65.8	63.5	44.3	42.9	42.9
6-7 AM	430	0.0	177	0.0	1500	430	0	177	0.46	0	65.6	63.2	43.8	42.2	42.2
7-8 AM	616	0.0	254	0.0	1500	616	0	254	0.48	0	65.3	62.8	43.1	41.1	41.1
8-9 AM	837	0.0	345	0.0	1500	837	0	345	0.50	0	64.8	62.3	42.2	39.8	39.8
9-10 AM	1066	0.0	439	0.0	1500	1066	0	439	0.53	0	64.4	61.9	41.4	38.4	38.4
10-11 AM	1191	0.0	490	0.0	1500	1191	0	490	0.63	0	64.1	61.2	38.8	37.8	37.8
11A-NOON	1278	0.0	527	0.0	1500	1278	0	527	0.74	0	64.0	60.5	36.1	37.2	37.2
NOON-1PM	1336	0.0	550	0.0	1500	1336	0	550	0.81	0	63.9	60.1	34.5	36.9	36.9
1-2 PM	1406	0.0	579	0.0	1500	1406	0	579	0.90	0	63.8	59.6	32.9	36.5	36.5
2-3 PM	1483	0.0	611	0.0	1500	1483	0	611	1.00	0	63.6	59.0	31.1	36.0	36.0
3-4 PM	1474	0.0	607	0.0	1500	1474	0	607	0.99	0	63.7	59.1	31.3	36.1	36.1
4-5 PM	1463	0.0	603	0.0	1500	1463	0	603	0.98	0	63.7	59.2	31.5	36.1	36.1
5-6 PM	1265	0.0	521	0.0	1500	1265	0	521	0.72	0	64.0	60.6	36.5	37.3	37.3
6-7 PM	1097	0.0	452	0.0	1500	1097	0	452	0.53	0	64.3	61.8	41.4	38.3	38.3
7-8 PM	880	0.0	362	0.0	1500	880	0	362	0.51	0	64.8	62.2	42.1	39.6	39.6
8-9 PM	772	0.0	318	0.0	1500	772	0	318	0.50	0	65.0	62.5	42.5	40.2	40.2
9-10 PM	653	0.0	269	0.0	1500	653	0	269	0.49	0	65.1	62.7	42.9	40.9	40.9
10-11 PM	509	0.0	210	0.0	1500	509	0	210	0.47	0	65.5	63.0	43.5	41.7	41.7
11PM-MID	381	0.0	157	0.0	1500	381	0	157	0.46	0	65.7	63.3	44.0	42.5	42.5

----- 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	0.0424
MAIN ROUTE WITH WORKS	0.0411
DIVERSION	0.0615

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,836
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

IH 90/94: USH 12/STH 16 TO IH 39 (COLUMBIA, SAUK AND JUNEAU COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 33 - USH 12

AUGUST
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
MON-THUR EASTBOUND DIRECTION

