

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	OCTOBER
	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		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	299	0.0	123	0.0	1500	299	0	123	0.45	0	65.8	63.5	44.3	43.0	43.0
1-2 AM	265	0.0	109	0.0	1500	265	0	109	0.45	0	65.9	63.6	44.4	43.2	43.2
2-3 AM	233	0.0	96	0.0	1500	233	0	96	0.45	0	66.0	63.7	44.5	43.3	43.3
3-4 AM	236	0.0	97	0.0	1500	236	0	97	0.45	0	66.0	63.7	44.5	43.3	43.3
4-5 AM	235	0.0	97	0.0	1500	235	0	97	0.45	0	66.0	63.7	44.5	43.3	43.3
5-6 AM	302	0.0	125	0.0	1500	302	0	125	0.45	0	65.8	63.5	44.3	42.9	42.9
6-7 AM	439	0.0	181	0.0	1500	439	0	181	0.47	0	65.6	63.2	43.7	42.2	42.2
7-8 AM	667	0.0	275	0.0	1500	667	0	275	0.49	0	65.1	62.7	42.8	40.8	40.8
8-9 AM	965	0.0	398	0.0	1500	965	0	398	0.52	0	64.6	62.0	41.8	39.1	39.1
9-10 AM	1242	0.0	511	0.0	1500	1242	0	511	0.69	0	64.1	60.8	37.1	37.4	37.4
10-11 AM	1372	0.0	565	0.0	1500	1372	0	565	0.86	0	63.8	59.8	33.7	36.6	36.6
11A-NOON	1360	0.0	560	0.0	1500	1360	0	560	0.84	0	63.8	59.9	34.0	36.8	36.8
NOON-1PM	1225	0.0	504	0.0	1500	1225	0	504	0.67	0	64.1	60.9	37.7	37.5	37.5
1-2 PM	1133	0.0	467	0.0	1500	1133	0	467	0.55	0	64.3	61.6	40.7	38.1	38.1
2-3 PM	1062	0.0	437	0.0	1500	1062	0	437	0.53	0	64.4	61.9	41.5	38.5	38.5
3-4 PM	1073	0.0	442	0.0	1500	1073	0	442	0.53	0	64.4	61.8	41.4	38.4	38.4
4-5 PM	1055	0.0	434	0.0	1500	1055	0	434	0.52	0	64.4	61.9	41.5	38.5	38.5
5-6 PM	959	0.0	395	0.0	1500	959	0	395	0.52	0	64.6	62.0	41.8	39.1	39.1
6-7 PM	863	0.0	355	0.0	1500	863	0	355	0.51	0	64.8	62.3	42.2	39.7	39.7
7-8 PM	729	0.0	300	0.0	1500	729	0	300	0.49	0	65.0	62.6	42.7	40.4	40.4
8-9 PM	573	0.0	236	0.0	1500	573	0	236	0.48	0	65.3	62.9	43.2	41.4	41.4
9-10 PM	428	0.0	177	0.0	1500	428	0	177	0.46	0	65.6	63.2	43.8	42.2	42.2
10-11 PM	337	0.0	139	0.0	1500	337	0	139	0.46	0	65.8	63.4	44.2	42.7	42.7
11PM-MID	238	0.0	98	0.0	1500	238	0	98	0.45	0	66.0	63.7	44.5	43.3	43.3

----- 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	0.0374
MAIN ROUTE WITH WORKS	0.0363
DIVERSION	0.0543

PIA: Personal Injury Accidents

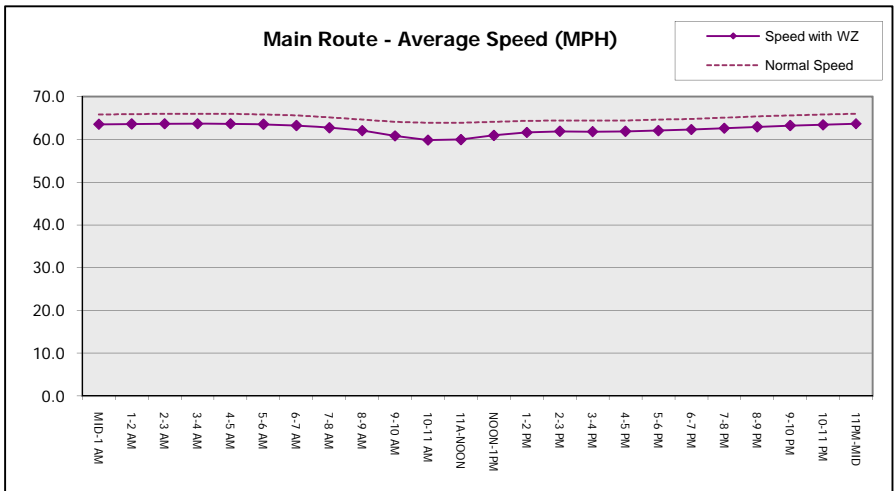
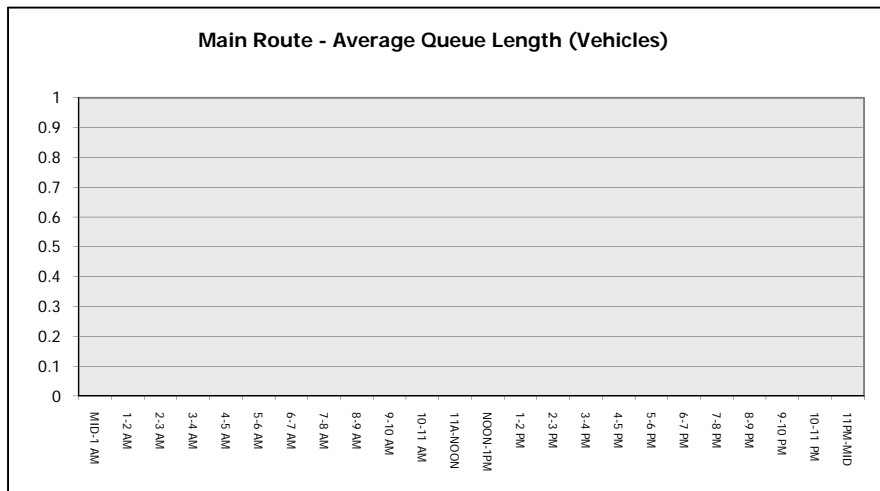
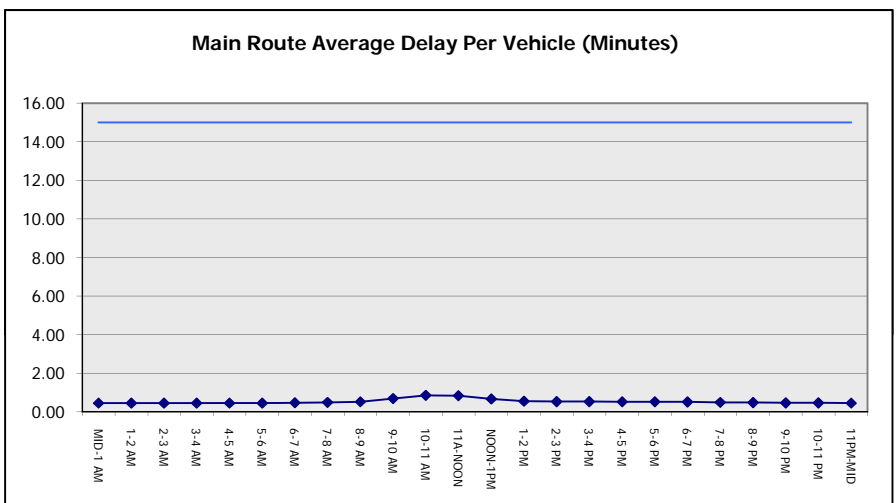
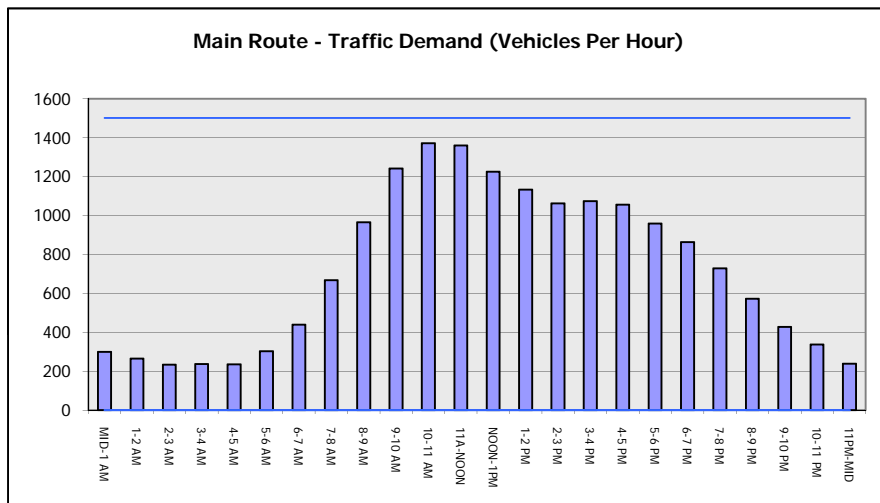
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,574
CONGESTED HOURS PER DAY*	0

*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**

OCTOBER
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY 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	OCTOBER
	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	267	0.0	110	0.0	1500	267	0	110	0.45	0	65.9	63.6	44.4	43.2	43.2
1-2 AM	217	0.0	89	0.0	1500	217	0	89	0.44	0	66.0	63.7	44.6	43.5	43.5
2-3 AM	197	0.0	81	0.0	1500	197	0	81	0.44	0	66.0	63.7	44.7	43.5	43.5
3-4 AM	172	0.0	71	0.0	1500	172	0	71	0.44	0	66.1	63.8	44.8	43.7	43.7
4-5 AM	142	0.0	59	0.0	1500	142	0	59	0.44	0	66.1	63.8	44.9	43.9	43.9
5-6 AM	219	0.0	90	0.0	1500	219	0	90	0.44	0	66.0	63.7	44.6	43.4	43.4
6-7 AM	345	0.0	142	0.0	1500	345	0	142	0.46	0	65.8	63.4	44.1	42.7	42.7
7-8 AM	617	0.0	254	0.0	1500	617	0	254	0.48	0	65.2	62.8	43.0	41.1	41.1
8-9 AM	917	0.0	377	0.0	1500	917	0	377	0.51	0	64.6	62.2	42.0	39.3	39.3
9-10 AM	1059	0.0	436	0.0	1500	1059	0	436	0.52	0	64.4	61.9	41.5	38.5	38.5
10-11 AM	1244	0.0	512	0.0	1500	1244	0	512	0.69	0	64.1	60.7	37.1	37.4	37.4
11A-NOON	1263	0.0	519	0.0	1500	1263	0	519	0.72	0	64.0	60.6	36.5	37.3	37.3
NOON-1PM	1212	0.0	499	0.0	1500	1212	0	499	0.65	0	64.1	61.0	38.1	37.6	37.6
1-2 PM	1188	0.0	489	0.0	1500	1188	0	489	0.62	0	64.1	61.2	38.8	37.8	37.8
2-3 PM	1200	0.0	494	0.0	1500	1200	0	494	0.64	0	64.1	61.1	38.4	37.7	37.7
3-4 PM	1109	0.0	457	0.0	1500	1109	0	457	0.53	0	64.3	61.7	41.3	38.2	38.2
4-5 PM	1063	0.0	438	0.0	1500	1063	0	438	0.53	0	64.4	61.9	41.5	38.4	38.4
5-6 PM	979	0.0	403	0.0	1500	979	0	403	0.52	0	64.6	62.0	41.7	39.0	39.0
6-7 PM	847	0.0	349	0.0	1500	847	0	349	0.50	0	64.8	62.3	42.2	39.7	39.7
7-8 PM	698	0.0	287	0.0	1500	698	0	287	0.49	0	65.1	62.7	42.8	40.6	40.6
8-9 PM	598	0.0	246	0.0	1500	598	0	246	0.48	0	65.3	62.8	43.2	41.2	41.2
9-10 PM	464	0.0	191	0.0	1500	464	0	191	0.47	0	65.5	63.2	43.7	42.0	42.0
10-11 PM	337	0.0	139	0.0	1500	337	0	139	0.46	0	65.8	63.4	44.2	42.7	42.7
11PM-MID	233	0.0	96	0.0	1500	233	0	96	0.45	0	66.0	63.7	44.5	43.3	43.3

----- 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	0.0359
MAIN ROUTE WITH WORKS	0.0348
DIVERSION	0.0521

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$2,366
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

OCTOBER
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

