

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	MAY
	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	356	0.0	147	0.0	1500	356	0	147	0.46	0	65.7	63.4	44.1	42.6	42.6
1-2 AM	266	0.0	110	0.0	1500	266	0	110	0.45	0	65.9	63.6	44.4	43.2	43.2
2-3 AM	250	0.0	102	0.0	1500	250	0	102	0.45	0	66.0	63.7	44.5	43.2	43.2
3-4 AM	226	0.0	93	0.0	1500	226	0	93	0.44	0	66.0	63.7	44.6	43.4	43.4
4-5 AM	240	0.0	98	0.0	1500	240	0	98	0.45	0	66.0	63.7	44.5	43.3	43.3
5-6 AM	317	0.0	131	0.0	1500	317	0	131	0.45	0	65.8	63.5	44.2	42.8	42.8
6-7 AM	505	0.0	208	0.0	1500	505	0	208	0.47	0	65.5	63.0	43.5	41.7	41.7
7-8 AM	791	0.0	326	0.0	1500	791	0	326	0.50	0	64.9	62.4	42.4	40.1	40.1
8-9 AM	1154	0.0	475	0.0	1500	1154	0	475	0.58	0	64.2	61.4	40.0	37.9	37.9
9-10 AM	1441	0.0	594	0.0	1499	1441	0	594	0.95	0	63.7	59.3	32.1	36.3	36.3
10-11 AM	1533	0.0	631	0.0	1499	1533	0	631	1.63	16	63.5	56.4	30.8	35.7	35.7
11A-NOON	1439	0.0	593	0.0	1499	1439	0	593	1.49	14	63.7	57.1	31.7	36.3	36.3
NOON-1PM	1297	0.0	534	0.0	1500	1297	0	534	0.76	0	64.0	60.4	35.6	37.1	37.1
1-2 PM	1212	0.0	499	0.0	1500	1212	0	499	0.65	0	64.1	61.0	38.1	37.6	37.6
2-3 PM	1217	0.0	500	0.0	1500	1217	0	500	0.66	0	64.1	61.0	37.9	37.6	37.6
3-4 PM	1063	0.0	438	0.0	1500	1063	0	438	0.53	0	64.4	61.9	41.5	38.4	38.4
4-5 PM	942	0.0	388	0.0	1500	942	0	388	0.51	0	64.6	62.1	41.9	39.2	39.2
5-6 PM	851	0.0	350	0.0	1500	851	0	350	0.50	0	64.8	62.3	42.2	39.7	39.7
6-7 PM	745	0.0	306	0.0	1500	745	0	306	0.49	0	65.0	62.5	42.6	40.4	40.4
7-8 PM	621	0.0	256	0.0	1500	621	0	256	0.48	0	65.2	62.8	43.0	41.0	41.0
8-9 PM	529	0.0	218	0.0	1500	529	0	218	0.47	0	65.4	63.0	43.4	41.6	41.6
9-10 PM	433	0.0	179	0.0	1500	433	0	179	0.46	0	65.6	63.2	43.8	42.2	42.2
10-11 PM	341	0.0	140	0.0	1500	341	0	140	0.46	0	65.8	63.4	44.2	42.7	42.7
11PM-MID	257	0.0	106	0.0	1500	257	0	106	0.45	0	65.9	63.6	44.5	43.2	43.2

----- 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	0.0390
MAIN ROUTE WITH WORKS	0.0378
DIVERSION	0.0566

PIA: Personal Injury Accidents

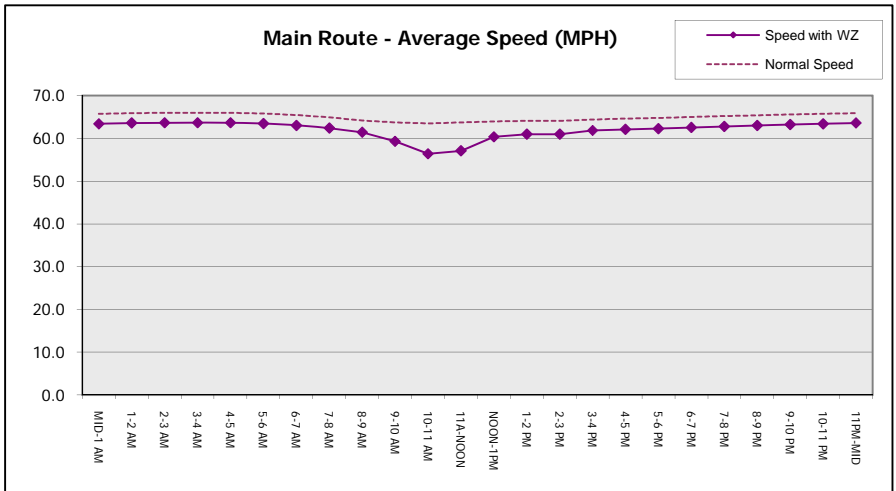
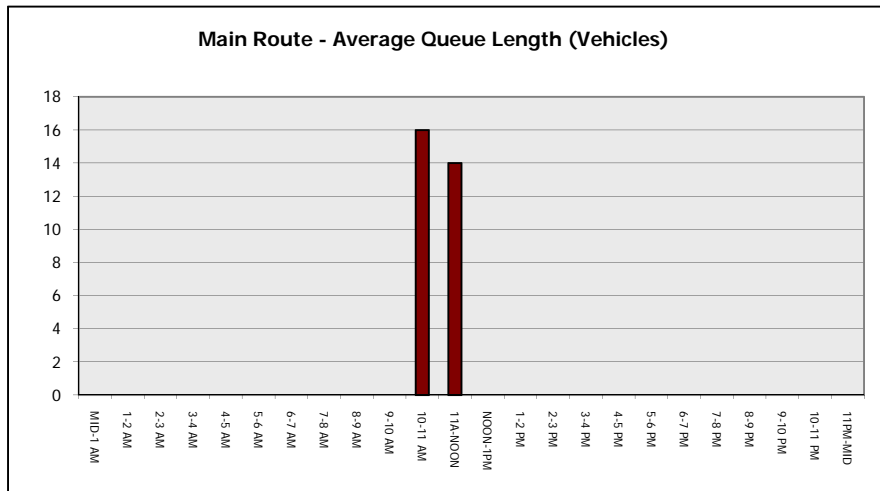
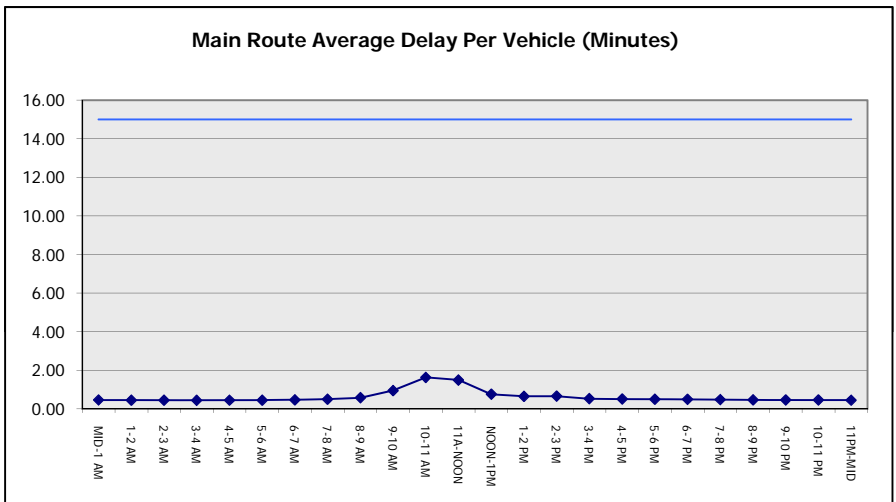
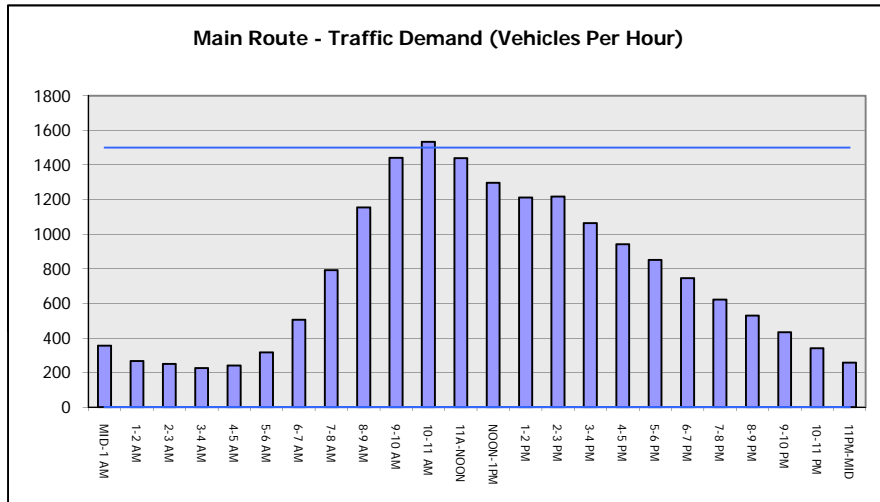
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$3,456
CONGESTED HOURS PER DAY*	0

*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**

MAY
 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	MAY
	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	280	0.0	116	0.0	1500	280	0	116	0.45	0	65.9	63.5	44.3	43.0	43.0
1-2 AM	209	0.0	86	0.0	1500	209	0	86	0.44	0	66.0	63.7	44.6	43.5	43.5
2-3 AM	194	0.0	80	0.0	1500	194	0	80	0.44	0	66.0	63.8	44.7	43.6	43.6
3-4 AM	136	0.0	56	0.0	1500	136	0	56	0.44	0	66.1	63.9	45.0	43.9	43.9
4-5 AM	158	0.0	65	0.0	1500	158	0	65	0.44	0	66.1	63.8	44.8	43.8	43.8
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	335	0.0	138	0.0	1500	335	0	138	0.45	0	65.8	63.4	44.2	42.7	42.7
7-8 AM	521	0.0	214	0.0	1500	521	0	214	0.47	0	65.4	63.0	43.4	41.7	41.7
8-9 AM	786	0.0	324	0.0	1500	786	0	324	0.50	0	64.9	62.5	42.4	40.1	40.1
9-10 AM	1090	0.0	448	0.0	1500	1090	0	448	0.53	0	64.3	61.8	41.4	38.3	38.3
10-11 AM	1119	0.0	461	0.0	1500	1119	0	461	0.53	0	64.3	61.7	41.2	38.1	38.1
11A-NOON	1175	0.0	484	0.0	1500	1175	0	484	0.60	0	64.2	61.3	39.2	37.8	37.8
NOON-1PM	1165	0.0	480	0.0	1500	1165	0	480	0.59	0	64.2	61.4	39.6	37.9	37.9
1-2 PM	1077	0.0	443	0.0	1500	1077	0	443	0.53	0	64.4	61.8	41.4	38.4	38.4
2-3 PM	1059	0.0	436	0.0	1500	1059	0	436	0.52	0	64.4	61.9	41.5	38.5	38.5
3-4 PM	958	0.0	395	0.0	1500	958	0	395	0.52	0	64.6	62.0	41.9	39.1	39.1
4-5 PM	898	0.0	369	0.0	1500	898	0	369	0.51	0	64.7	62.2	42.0	39.4	39.4
5-6 PM	807	0.0	332	0.0	1500	807	0	332	0.50	0	64.9	62.4	42.4	40.0	40.0
6-7 PM	718	0.0	295	0.0	1500	718	0	295	0.49	0	65.0	62.6	42.7	40.5	40.5
7-8 PM	646	0.0	266	0.0	1500	646	0	266	0.49	0	65.2	62.7	43.0	40.9	40.9
8-9 PM	463	0.0	191	0.0	1500	463	0	191	0.47	0	65.5	63.2	43.7	42.0	42.0
9-10 PM	375	0.0	154	0.0	1500	375	0	154	0.46	0	65.7	63.3	44.0	42.5	42.5
10-11 PM	300	0.0	124	0.0	1500	300	0	124	0.45	0	65.8	63.5	44.3	43.0	43.0
11PM-MID	180	0.0	74	0.0	1500	180	0	74	0.44	0	66.1	63.8	44.8	43.7	43.7

----- 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	0.0322
MAIN ROUTE WITH WORKS	0.0312
DIVERSION	0.0467

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,956
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**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SATURDAY EASTBOUND DIRECTION

