

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

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	255	0.0	105	0.0	1500	255	0	105	0.45	0	65.9	63.6	44.5	43.2	43.2
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	225	0.0	92	0.0	1500	225	0	92	0.44	0	66.0	63.7	44.6	43.4	43.4
3-4 AM	231	0.0	95	0.0	1500	231	0	95	0.44	0	66.0	63.7	44.6	43.3	43.3
4-5 AM	273	0.0	113	0.0	1500	273	0	113	0.45	0	65.9	63.6	44.4	43.1	43.1
5-6 AM	360	0.0	148	0.0	1500	360	0	148	0.46	0	65.7	63.4	44.0	42.6	42.6
6-7 AM	533	0.0	219	0.0	1500	533	0	219	0.47	0	65.4	63.0	43.4	41.6	41.6
7-8 AM	706	0.0	290	0.0	1500	706	0	290	0.49	0	65.1	62.6	42.7	40.6	40.6
8-9 AM	846	0.0	348	0.0	1500	846	0	348	0.50	0	64.8	62.3	42.2	39.7	39.7
9-10 AM	932	0.0	385	0.0	1500	932	0	385	0.51	0	64.6	62.1	41.9	39.2	39.2
10-11 AM	991	0.0	408	0.0	1500	991	0	408	0.52	0	64.5	62.0	41.7	38.9	38.9
11A-NOON	999	0.0	412	0.0	1500	999	0	412	0.52	0	64.5	62.0	41.7	38.8	38.8
NOON-1PM	1054	0.0	434	0.0	1500	1054	0	434	0.52	0	64.4	61.9	41.5	38.5	38.5
1-2 PM	1179	0.0	485	0.0	1500	1179	0	485	0.61	0	64.2	61.2	39.1	37.8	37.8
2-3 PM	1220	0.0	502	0.0	1500	1220	0	502	0.66	0	64.1	60.9	37.8	37.6	37.6
3-4 PM	1226	0.0	504	0.0	1500	1226	0	504	0.67	0	64.1	60.9	37.6	37.5	37.5
4-5 PM	1208	0.0	497	0.0	1500	1208	0	497	0.65	0	64.1	61.0	38.2	37.6	37.6
5-6 PM	1073	0.0	442	0.0	1500	1073	0	442	0.53	0	64.4	61.8	41.4	38.4	38.4
6-7 PM	924	0.0	380	0.0	1500	924	0	380	0.51	0	64.6	62.2	41.9	39.3	39.3
7-8 PM	780	0.0	321	0.0	1500	780	0	321	0.50	0	65.0	62.5	42.5	40.1	40.1
8-9 PM	665	0.0	274	0.0	1500	665	0	274	0.49	0	65.1	62.7	42.9	40.8	40.8
9-10 PM	561	0.0	231	0.0	1500	561	0	231	0.48	0	65.3	62.9	43.3	41.4	41.4
10-11 PM	453	0.0	187	0.0	1500	453	0	187	0.47	0	65.5	63.2	43.7	42.0	42.0
11PM-MID	359	0.0	148	0.0	1500	359	0	148	0.46	0	65.7	63.4	44.0	42.6	42.6

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

PIA: Personal Injury Accidents

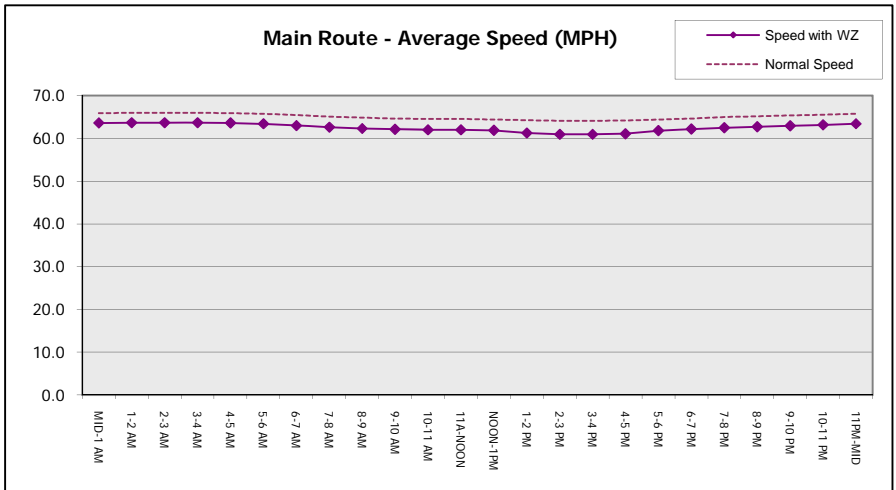
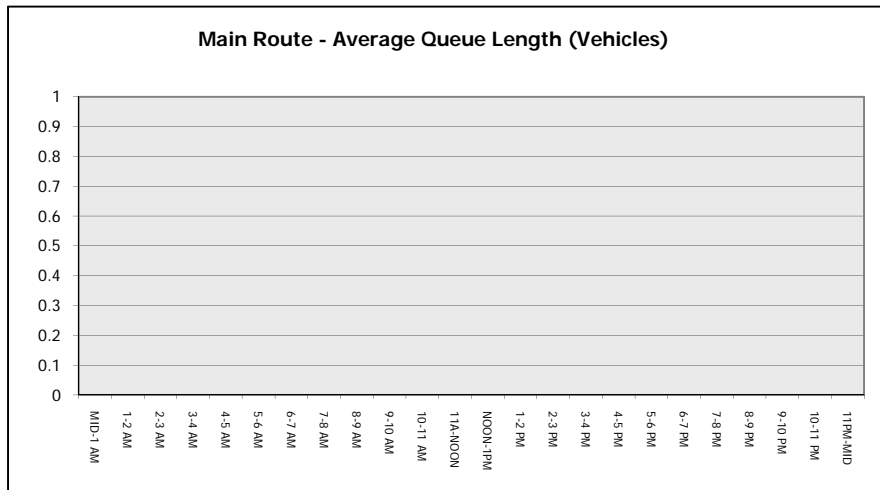
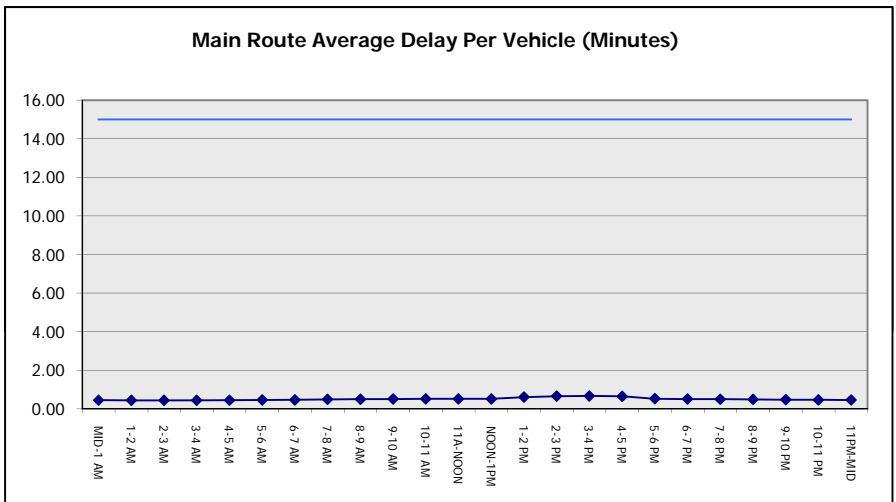
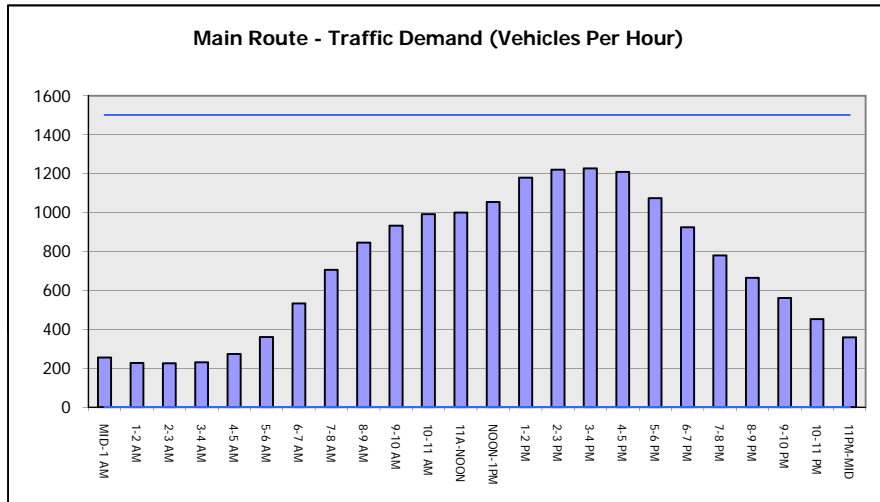
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,894
CONGESTED HOURS PER DAY*	0

*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
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	MAY
	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	242	0.0	99	0.0	1500	242	0	99	0.45	0	66.0	63.7	44.5	43.3	43.3
1-2 AM	200	0.0	82	0.0	1500	200	0	82	0.44	0	66.0	63.7	44.7	43.5	43.5
2-3 AM	181	0.0	74	0.0	1500	181	0	74	0.44	0	66.1	63.8	44.8	43.7	43.7
3-4 AM	168	0.0	69	0.0	1500	168	0	69	0.44	0	66.1	63.8	44.8	43.7	43.7
4-5 AM	196	0.0	80	0.0	1500	196	0	80	0.44	0	66.0	63.7	44.7	43.6	43.6
5-6 AM	276	0.0	114	0.0	1500	276	0	114	0.45	0	65.9	63.6	44.4	43.1	43.1
6-7 AM	415	0.0	171	0.0	1500	415	0	171	0.46	0	65.6	63.3	43.8	42.3	42.3
7-8 AM	605	0.0	249	0.0	1500	605	0	249	0.48	0	65.3	62.8	43.1	41.2	41.2
8-9 AM	732	0.0	301	0.0	1500	732	0	301	0.49	0	65.0	62.5	42.7	40.4	40.4
9-10 AM	825	0.0	340	0.0	1500	825	0	340	0.50	0	64.8	62.3	42.3	39.9	39.9
10-11 AM	857	0.0	353	0.0	1500	857	0	353	0.51	0	64.8	62.3	42.2	39.7	39.7
11A-NOON	917	0.0	377	0.0	1500	917	0	377	0.51	0	64.6	62.2	42.0	39.3	39.3
NOON-1PM	1042	0.0	429	0.0	1500	1042	0	429	0.52	0	64.5	61.9	41.5	38.6	38.6
1-2 PM	1113	0.0	459	0.0	1500	1113	0	459	0.53	0	64.3	61.7	41.3	38.2	38.2
2-3 PM	1176	0.0	484	0.0	1500	1176	0	484	0.61	0	64.2	61.3	39.2	37.8	37.8
3-4 PM	1227	0.0	505	0.0	1500	1227	0	505	0.67	0	64.1	60.9	37.6	37.5	37.5
4-5 PM	1263	0.0	521	0.0	1500	1263	0	521	0.72	0	64.0	60.6	36.5	37.3	37.3
5-6 PM	1118	0.0	461	0.0	1500	1118	0	461	0.53	0	64.3	61.7	41.2	38.1	38.1
6-7 PM	901	0.0	371	0.0	1500	901	0	371	0.51	0	64.7	62.2	42.0	39.4	39.4
7-8 PM	773	0.0	319	0.0	1500	773	0	319	0.50	0	65.0	62.5	42.5	40.2	40.2
8-9 PM	662	0.0	272	0.0	1500	662	0	272	0.49	0	65.1	62.7	42.9	40.9	40.9
9-10 PM	581	0.0	239	0.0	1500	581	0	239	0.48	0	65.3	62.9	43.2	41.3	41.3
10-11 PM	439	0.0	181	0.0	1500	439	0	181	0.47	0	65.6	63.2	43.7	42.2	42.2
11PM-MID	345	0.0	142	0.0	1500	345	0	142	0.46	0	65.8	63.4	44.1	42.7	42.7

----- 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	0.0352
MAIN ROUTE WITH WORKS	0.0341
DIVERSION	0.0511

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,770
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
MON-THUR EASTBOUND DIRECTION

