

USH 10: STH 96 TO USH 45 (WINNEBAGO AND WAUPACA COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 96 - USH 45	MAY
	Analyzed for 2009 Construction Season

SUMMARY OF TRAFFIC MODEL OUTPUT

FRIDAY 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	62	0.0	16	0.0	1500	62	0	16	0.43	0	66.3	61.3	45.3	50.1	50.1
1-2 AM	44	0.0	10	0.0	1500	44	0	10	0.43	0	66.3	61.3	45.3	50.2	50.2
2-3 AM	41	0.0	10	0.0	1500	41	0	10	0.43	0	66.3	61.3	45.3	50.2	50.2
3-4 AM	67	0.0	17	0.0	1500	67	0	17	0.43	0	66.3	61.2	45.2	50.1	50.1
4-5 AM	100	0.0	25	0.0	1500	100	0	25	0.43	0	66.2	61.2	45.1	50.1	50.1
5-6 AM	176	0.0	43	0.0	1500	176	0	43	0.44	0	66.1	61.0	44.8	49.9	49.9
6-7 AM	324	0.0	80	0.0	1500	324	0	80	0.45	0	65.8	60.6	44.2	49.5	49.5
7-8 AM	440	0.0	109	0.0	1500	440	0	109	0.47	0	65.6	60.3	43.7	49.2	49.2
8-9 AM	524	0.0	129	0.0	1500	524	0	129	0.47	0	65.4	60.1	43.4	49.0	49.0
9-10 AM	490	0.0	120	0.0	1500	490	0	120	0.47	0	65.5	60.2	43.5	49.1	49.1
10-11 AM	525	0.0	130	0.0	1500	525	0	130	0.47	0	65.4	60.1	43.4	49.0	49.0
11A-NOON	555	0.0	137	0.0	1500	555	0	137	0.48	0	65.3	60.0	43.3	48.9	48.9
NOON-1PM	594	0.0	146	0.0	1500	594	0	146	0.48	0	65.3	59.9	43.2	48.8	48.8
1-2 PM	691	0.0	171	0.0	1500	691	0	171	0.49	0	65.1	59.6	42.8	48.6	48.6
2-3 PM	783	0.0	194	0.0	1500	783	0	194	0.50	0	65.0	59.4	42.5	48.4	48.4
3-4 PM	918	0.0	226	0.0	1500	918	0	226	0.51	0	64.6	59.1	42.0	48.0	48.0
4-5 PM	1099	0.0	271	0.0	1500	1099	0	271	0.53	0	64.3	58.6	41.4	47.6	47.6
5-6 PM	1098	0.0	271	0.0	1500	1098	0	271	0.53	0	64.3	58.6	41.4	47.6	47.6
6-7 PM	871	0.0	214	0.0	1500	871	0	214	0.51	0	64.8	59.2	42.2	48.1	48.1
7-8 PM	612	0.0	151	0.0	1500	612	0	151	0.48	0	65.3	59.9	43.1	48.8	48.8
8-9 PM	411	0.0	101	0.0	1500	411	0	101	0.46	0	65.6	60.4	43.8	49.3	49.3
9-10 PM	335	0.0	83	0.0	1500	335	0	83	0.45	0	65.8	60.5	44.2	49.5	49.5
10-11 PM	210	0.0	51	0.0	1500	210	0	51	0.44	0	66.0	60.9	44.6	49.8	49.8
11PM-MID	148	0.0	37	0.0	1500	148	0	37	0.44	0	66.1	61.0	44.9	49.9	49.9

----- 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	0.0103
MAIN ROUTE WITH WORKS	0.0095
DIVERSION	0.0088

PIA: Personal Injury Accidents

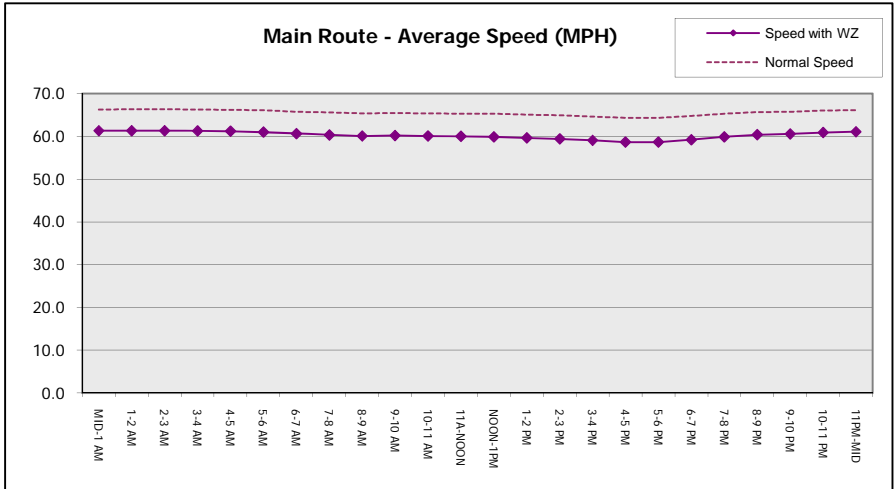
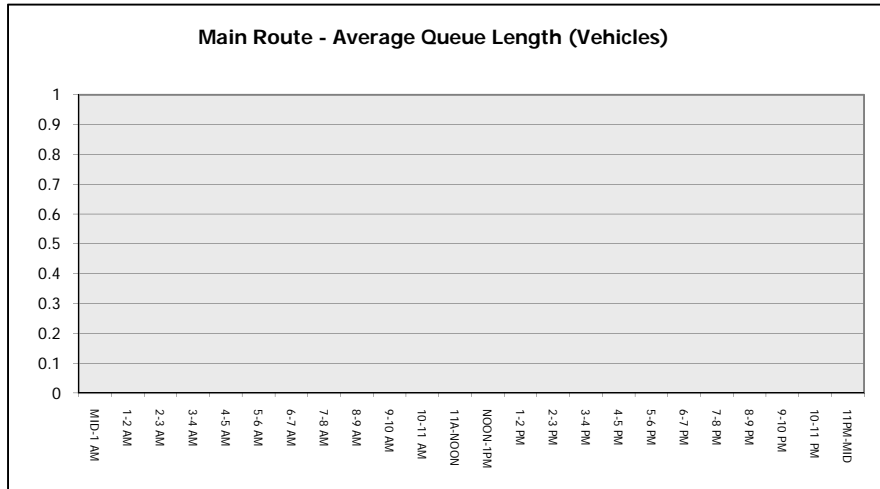
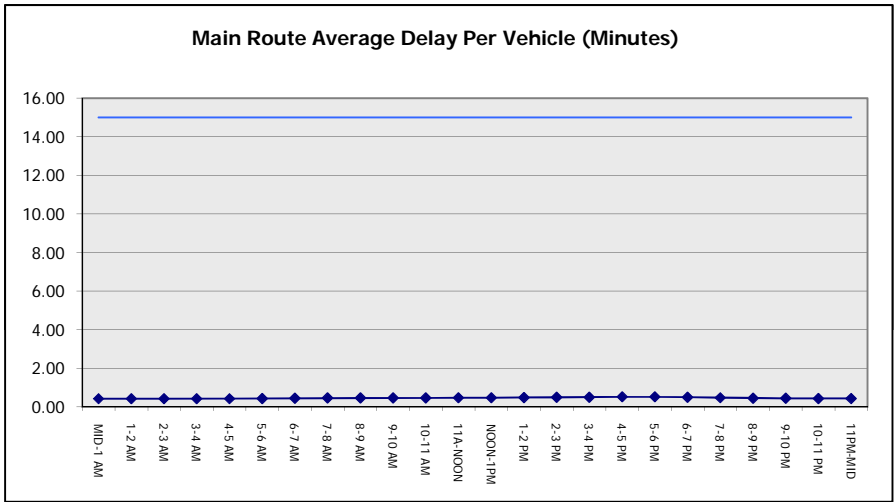
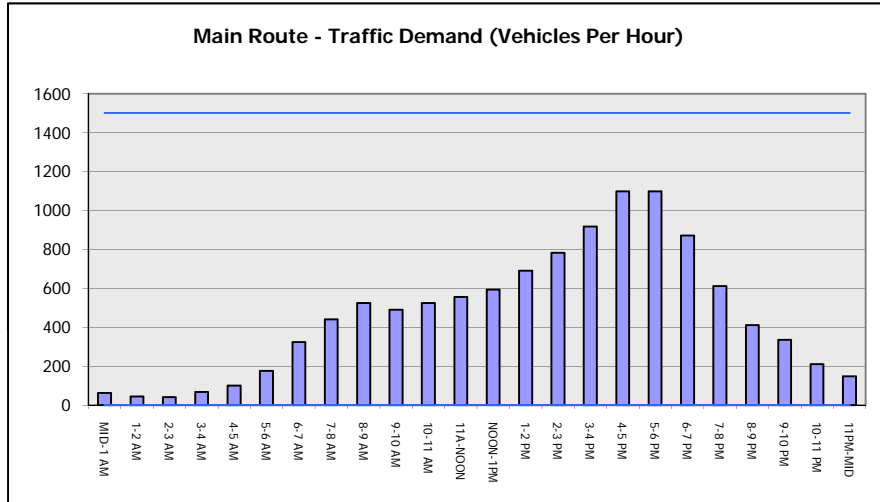
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,114
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

USH 10: STH 96 TO USH 45 (WINNEBAGO AND WAUPACA COUNTIES)
CONTINUOUS (24 HOUR) CLOSURE
DIVERSION ROUTE: STH 96 - USH 45

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY WESTBOUND DIRECTION



USH 10: STH 96 TO USH 45 (WINNEBAGO AND WAUPACA COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 96 - USH 45	MAY Analyzed for 2009 Construction Season
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SUMMARY OF TRAFFIC MODEL OUTPUT	
FRIDAY	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	39	0.0	9	0.0	1500	39	0	9	0.43	0	66.3	61.4	45.3	50.2	50.2
1-2 AM	34	0.0	8	0.0	1500	34	0	8	0.43	0	66.3	61.4	45.3	50.2	50.2
2-3 AM	33	0.0	8	0.0	1500	33	0	8	0.43	0	66.3	61.4	45.3	50.2	50.2
3-4 AM	49	0.0	12	0.0	1500	49	0	12	0.43	0	66.3	61.3	45.3	50.2	50.2
4-5 AM	105	0.0	26	0.0	1500	105	0	26	0.43	0	66.2	61.2	45.1	50.1	50.1
5-6 AM	237	0.0	59	0.0	1500	237	0	59	0.45	0	66.0	60.8	44.5	49.7	49.7
6-7 AM	425	0.0	105	0.0	1500	425	0	105	0.46	0	65.6	60.3	43.8	49.2	49.2
7-8 AM	523	0.0	129	0.0	1500	523	0	129	0.47	0	65.4	60.1	43.4	49.0	49.0
8-9 AM	403	0.0	99	0.0	1500	403	0	99	0.46	0	65.6	60.4	43.9	49.3	49.3
9-10 AM	460	0.0	113	0.0	1500	460	0	113	0.47	0	65.5	60.2	43.7	49.2	49.2
10-11 AM	467	0.0	115	0.0	1500	467	0	115	0.47	0	65.5	60.2	43.7	49.1	49.1
11A-NOON	445	0.0	110	0.0	1500	445	0	110	0.47	0	65.6	60.2	43.7	49.2	49.2
NOON-1PM	484	0.0	119	0.0	1500	484	0	119	0.47	0	65.5	60.2	43.6	49.1	49.1
1-2 PM	570	0.0	140	0.0	1500	570	0	140	0.48	0	65.3	59.9	43.2	48.9	48.9
2-3 PM	607	0.0	150	0.0	1500	607	0	150	0.48	0	65.3	59.9	43.1	48.8	48.8
3-4 PM	632	0.0	156	0.0	1500	632	0	156	0.48	0	65.2	59.8	43.0	48.7	48.7
4-5 PM	641	0.0	158	0.0	1500	641	0	158	0.48	0	65.2	59.7	43.0	48.7	48.7
5-6 PM	616	0.0	152	0.0	1500	616	0	152	0.48	0	65.3	59.8	43.1	48.7	48.7
6-7 PM	489	0.0	120	0.0	1500	489	0	120	0.47	0	65.5	60.2	43.5	49.1	49.1
7-8 PM	345	0.0	85	0.0	1500	345	0	85	0.46	0	65.8	60.5	44.1	49.4	49.4
8-9 PM	288	0.0	71	0.0	1500	288	0	71	0.45	0	65.8	60.7	44.3	49.6	49.6
9-10 PM	223	0.0	55	0.0	1500	223	0	55	0.44	0	66.0	60.9	44.6	49.7	49.7
10-11 PM	152	0.0	38	0.0	1500	152	0	38	0.44	0	66.1	61.0	44.9	49.9	49.9
11PM-MID	91	0.0	23	0.0	1500	91	0	23	0.43	0	66.2	61.2	45.1	50.1	50.1

----- 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	0.0077
MAIN ROUTE WITH WORKS	0.0072
DIVERSION	0.0066

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$802
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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 CONTINUOUS (24 HOUR) CLOSURE
 DIVERSION ROUTE: STH 96 - USH 45**

MAY
 Analyzed for 2009
 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
FRIDAY EASTBOUND DIRECTION

