

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

SUNDAY 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	58	0.0	15	0.0	1500	58	0	15	0.43	0	66.3	61.3	45.3	50.2	50.2
1-2 AM	29	0.0	7	0.0	1500	29	0	7	0.43	0	66.3	61.4	45.4	50.2	50.2
2-3 AM	26	0.0	6	0.0	1500	26	0	6	0.42	0	66.3	61.4	45.4	50.2	50.2
3-4 AM	24	0.0	6	0.0	1500	24	0	6	0.42	0	66.3	61.4	45.4	50.2	50.2
4-5 AM	44	0.0	10	0.0	1500	44	0	10	0.43	0	66.3	61.3	45.3	50.2	50.2
5-6 AM	57	0.0	14	0.0	1500	57	0	14	0.43	0	66.3	61.3	45.3	50.2	50.2
6-7 AM	101	0.0	25	0.0	1500	101	0	25	0.43	0	66.2	61.2	45.1	50.1	50.1
7-8 AM	166	0.0	41	0.0	1500	166	0	41	0.44	0	66.1	61.0	44.8	49.9	49.9
8-9 AM	255	0.0	63	0.0	1500	255	0	63	0.45	0	65.9	60.7	44.5	49.7	49.7
9-10 AM	341	0.0	84	0.0	1500	341	0	84	0.46	0	65.8	60.5	44.2	49.4	49.4
10-11 AM	470	0.0	116	0.0	1500	470	0	116	0.47	0	65.5	60.2	43.6	49.1	49.1
11A-NOON	556	0.0	137	0.0	1500	556	0	137	0.48	0	65.3	60.0	43.3	48.9	48.9
NOON-1PM	553	0.0	136	0.0	1500	553	0	136	0.48	0	65.3	60.0	43.3	48.9	48.9
1-2 PM	550	0.0	136	0.0	1500	550	0	136	0.48	0	65.4	60.0	43.3	48.9	48.9
2-3 PM	512	0.0	127	0.0	1500	512	0	127	0.47	0	65.5	60.1	43.5	49.0	49.0
3-4 PM	546	0.0	135	0.0	1500	546	0	135	0.48	0	65.4	60.0	43.3	48.9	48.9
4-5 PM	562	0.0	138	0.0	1500	562	0	138	0.48	0	65.3	60.0	43.3	48.9	48.9
5-6 PM	535	0.0	132	0.0	1500	535	0	132	0.47	0	65.4	60.1	43.3	49.0	49.0
6-7 PM	449	0.0	111	0.0	1500	449	0	111	0.47	0	65.6	60.2	43.7	49.2	49.2
7-8 PM	397	0.0	97	0.0	1500	397	0	97	0.46	0	65.6	60.4	43.9	49.3	49.3
8-9 PM	242	0.0	60	0.0	1500	242	0	60	0.45	0	66.0	60.8	44.5	49.7	49.7
9-10 PM	178	0.0	44	0.0	1500	178	0	44	0.44	0	66.1	61.0	44.8	49.9	49.9
10-11 PM	111	0.0	27	0.0	1500	111	0	27	0.43	0	66.2	61.1	45.0	50.1	50.1
11PM-MID	50	0.0	13	0.0	1500	50	0	13	0.43	0	66.3	61.3	45.3	50.2	50.2

----- 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	0.0063
MAIN ROUTE WITH WORKS	0.0058
DIVERSION	0.0054

PIA: Personal Injury Accidents

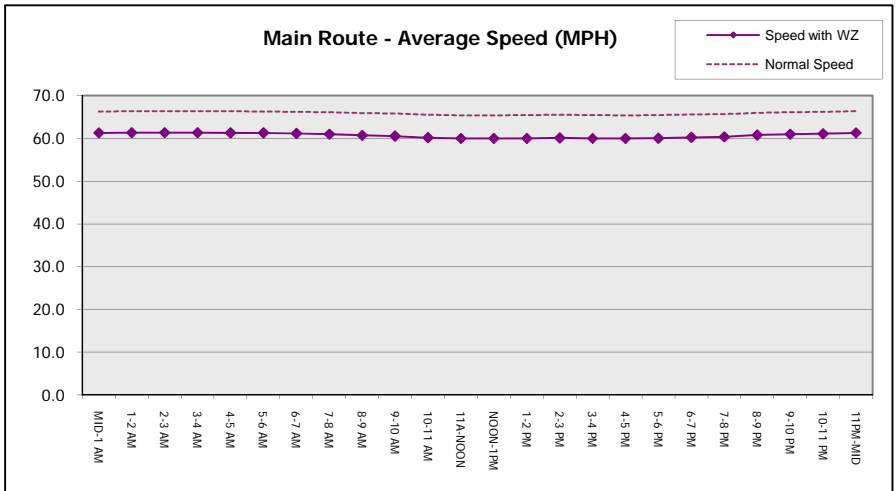
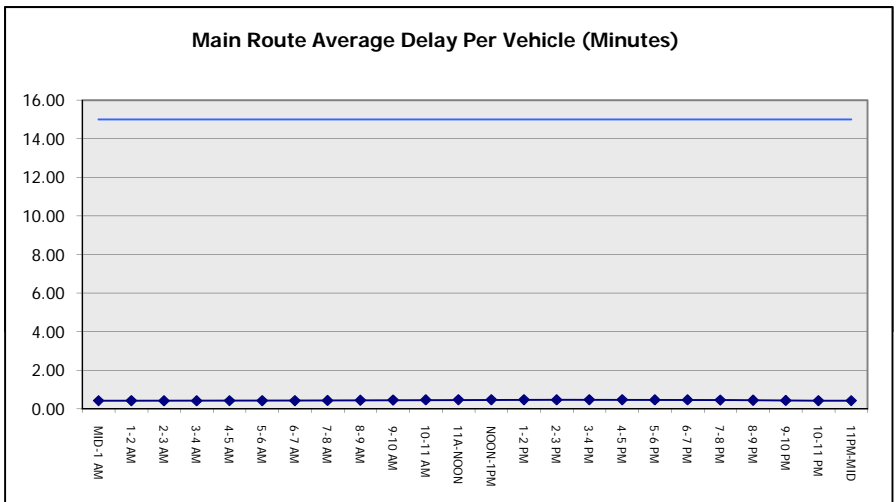
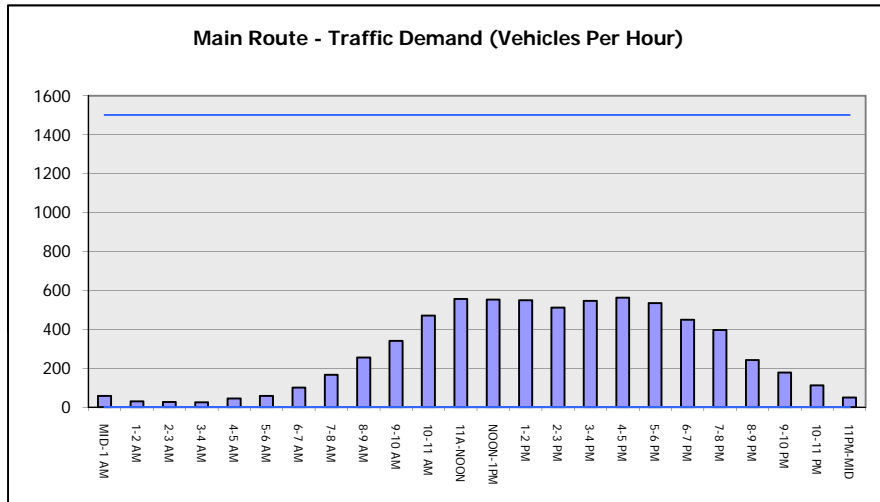
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$815
CONGESTED HOURS PER DAY*	0

*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
SUNDAY WESTBOUND DIRECTION



USH 10: STH 96 TO USH 45 (WINNEBAGO AND WAUPACA COUNTIES) CONTINUOUS (24 HOUR) CLOSURE DIVERSION ROUTE: STH 96 - USH 45	MAY
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SUMMARY OF TRAFFIC MODEL OUTPUT

SUNDAY 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	48	0.0	12	0.0	1500	48	0	12	0.43	0	66.3	61.3	45.3	50.2	50.2
1-2 AM	32	0.0	8	0.0	1500	32	0	8	0.43	0	66.3	61.4	45.4	50.2	50.2
2-3 AM	30	0.0	7	0.0	1500	30	0	7	0.43	0	66.3	61.4	45.4	50.2	50.2
3-4 AM	29	0.0	7	0.0	1500	29	0	7	0.43	0	66.3	61.4	45.4	50.2	50.2
4-5 AM	28	0.0	7	0.0	1500	28	0	7	0.43	0	66.3	61.4	45.4	50.2	50.2
5-6 AM	62	0.0	16	0.0	1500	62	0	16	0.43	0	66.3	61.3	45.3	50.1	50.1
6-7 AM	85	0.0	21	0.0	1500	85	0	21	0.43	0	66.2	61.2	45.1	50.1	50.1
7-8 AM	141	0.0	35	0.0	1500	141	0	35	0.44	0	66.1	61.0	44.9	49.9	49.9
8-9 AM	258	0.0	64	0.0	1500	258	0	64	0.45	0	65.9	60.7	44.5	49.7	49.7
9-10 AM	440	0.0	109	0.0	1500	440	0	109	0.47	0	65.6	60.3	43.7	49.2	49.2
10-11 AM	604	0.0	149	0.0	1500	604	0	149	0.48	0	65.3	59.9	43.1	48.8	48.8
11A-NOON	700	0.0	173	0.0	1500	700	0	173	0.49	0	65.1	59.6	42.8	48.6	48.6
NOON-1PM	747	0.0	184	0.0	1500	747	0	184	0.49	0	65.0	59.5	42.6	48.4	48.4
1-2 PM	763	0.0	188	0.0	1500	763	0	188	0.50	0	65.0	59.4	42.5	48.4	48.4
2-3 PM	803	0.0	198	0.0	1500	803	0	198	0.50	0	64.9	59.4	42.4	48.3	48.3
3-4 PM	864	0.0	213	0.0	1500	864	0	213	0.51	0	64.8	59.2	42.2	48.1	48.1
4-5 PM	842	0.0	207	0.0	1500	842	0	207	0.50	0	64.8	59.2	42.2	48.2	48.2
5-6 PM	801	0.0	197	0.0	1500	801	0	197	0.50	0	64.9	59.4	42.4	48.3	48.3
6-7 PM	640	0.0	158	0.0	1500	640	0	158	0.48	0	65.2	59.7	43.0	48.7	48.7
7-8 PM	577	0.0	142	0.0	1500	577	0	142	0.48	0	65.3	59.9	43.2	48.9	48.9
8-9 PM	399	0.0	98	0.0	1500	399	0	98	0.46	0	65.6	60.4	43.9	49.3	49.3
9-10 PM	259	0.0	64	0.0	1500	259	0	64	0.45	0	65.9	60.7	44.5	49.7	49.7
10-11 PM	166	0.0	41	0.0	1500	166	0	41	0.44	0	66.1	61.0	44.8	49.9	49.9
11PM-MID	87	0.0	22	0.0	1500	87	0	22	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	0.0087
MAIN ROUTE WITH WORKS	0.0081
DIVERSION	0.0074

PIA: Personal Injury Accidents

IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY (DOLLARS)	\$1,168
CONGESTED HOURS PER DAY*	0

*Delays Exceeding 15 Minutes

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

MAY
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 Construction Season

GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT
SUNDAY EASTBOUND DIRECTION

