

<b>USH 41: USH 141 TO CTH B (BROWN AND OCONTO COUNTIES)                  NIGHTTIME CLOSURE                  NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY SOUTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR							AVERAGE SPEEDS IN MPH		
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	117	0.0	1500	117	0	0.43	0	66.1	63.3	45.0
1-2 AM	60	0.0	1500	60	0	0.43	0	66.3	63.5	45.3
2-3 AM	62	0.0	1500	62	0	0.43	0	66.3	63.5	45.3
3-4 AM	54	0.0	1500	54	0	0.43	0	66.3	63.5	45.3
4-5 AM	83	0.0	1500	83	0	0.43	0	66.3	63.4	45.1
5-6 AM	172	0.0	1500	172	0	0.44	0	66.1	63.2	44.8
6-7 AM	198	0.0	1500	198	0	0.44	0	66.0	63.1	44.7
7-8 AM	291	0.0	1500	291	0	0.45	0	65.8	62.9	44.3
8-9 AM	529	0.0	1500	529	0	0.47	0	65.4	62.3	43.4
9-10 AM	894	0.0	OFF	894	0	0.00	0	64.7	64.7	64.7
10-11 AM	1193	0.0	OFF	1193	0	0.00	0	64.1	64.1	64.1
11AM-NOON	1553	0.0	OFF	1553	0	0.00	0	63.5	63.5	63.5
NOON-1PM	1703	0.0	OFF	1703	0	0.00	0	63.2	63.2	63.2
1-2 PM	1643	0.0	OFF	1643	0	0.00	0	63.3	63.3	63.3
2-3 PM	1623	0.0	OFF	1623	0	0.00	0	63.3	63.3	63.3
3-4 PM	1642	0.0	OFF	1642	0	0.00	0	63.3	63.3	63.3
4-5 PM	1525	0.0	OFF	1525	0	0.00	0	63.5	63.5	63.5
5-6 PM	1413	0.0	OFF	1413	0	0.00	0	63.8	63.8	63.8
6-7 PM	1109	0.0	OFF	1109	0	0.00	0	64.3	64.3	64.3
7-8 PM	885	0.0	1500	885	0	0.51	0	64.7	61.5	42.1
8-9 PM	644	0.0	1500	644	0	0.48	0	65.2	62.1	43.0
9-10 PM	397	0.0	1500	397	0	0.46	0	65.6	62.7	43.9
10-11 PM	239	0.0	1500	239	0	0.45	0	66.0	63.0	44.5
11PM-MID	106	0.0	1500	106	0	0.43	0	66.2	63.3	45.1

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

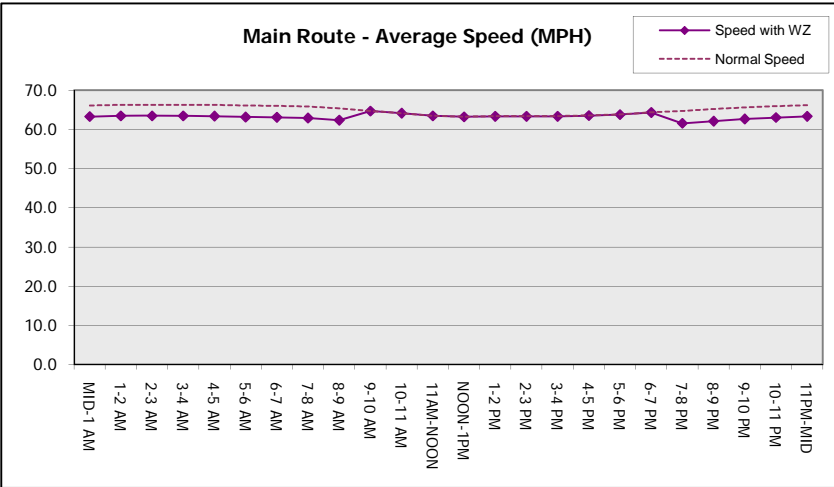
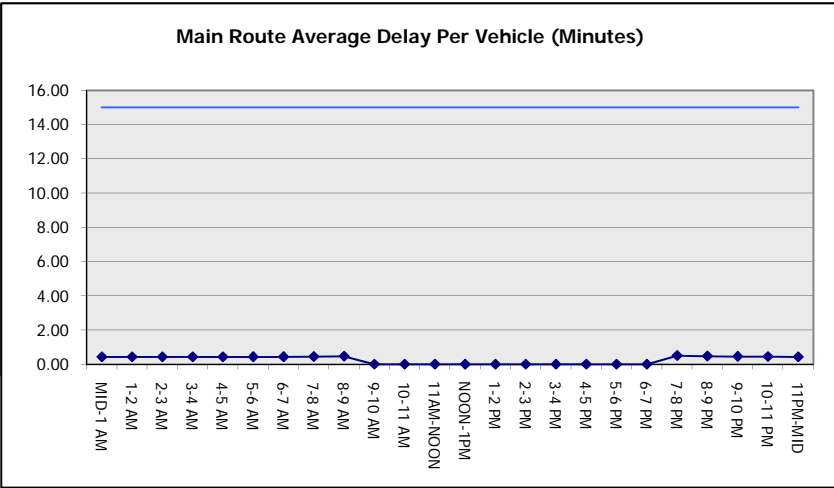
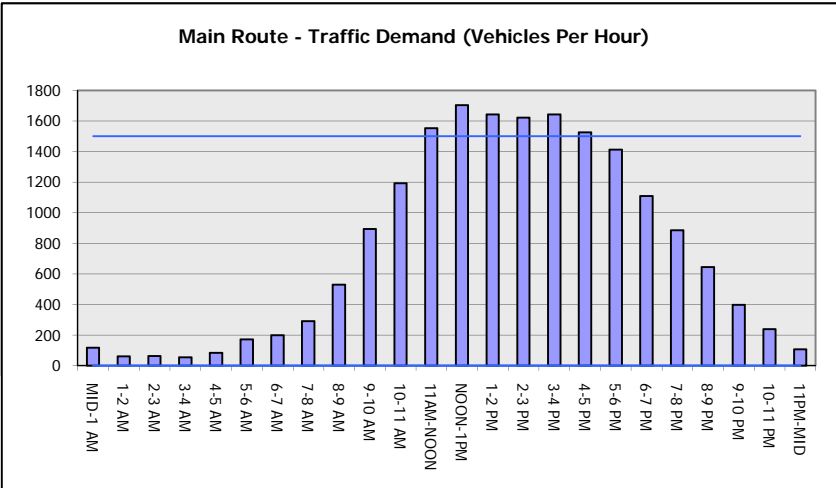
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0306
MAIN ROUTE WITH WORKS	0.0303
'DIVERSION'	0.0000
<small>PIA: Personal Injury Accidents</small>	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$425
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**USH 41: USH 141 TO CTH B (BROWN AND OCONTO COUNTIES)  
NIGHTTIME CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY SOUTHBOUND DIRECTION**



<b>USH 41: USH 141 TO CTH B (BROWN AND OCONTO COUNTIES)</b> <b>NIGHTTIME CLOSURE</b> <b>NO DIVERSION ROUTE (MAX QUEUE METHOD)</b>	<b>AUGUST</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

SUNDAY NORTHBOUND DIRECTION

TIME OF DAY	FLOWS AND CAPACITY IN VEH/HR						AVERAGE SPEEDS IN MPH			
	MAIN ROUTE		SITE CAPA CITY	FLOW		AV.DEL PER VEH (MINS)	AVERAGE QUEUE (VEH)	MAIN ROUTE		SITE
	DEMAND FLOW	PCT HEAVY		MAIN ROUTE	'DIVER TED'			WITHOUT WORK ZONE	WITH WORK ZONE	
MID-1 AM	171	0.0	1500	171	0	0.44	0	66.1	63.2	44.8
1-2 AM	103	0.0	1500	103	0	0.43	0	66.2	63.3	45.1
2-3 AM	83	0.0	1500	83	0	0.43	0	66.3	63.4	45.1
3-4 AM	53	0.0	1500	53	0	0.43	0	66.3	63.5	45.3
4-5 AM	45	0.0	1500	45	0	0.43	0	66.3	63.4	45.2
5-6 AM	76	0.0	1500	76	0	0.43	0	66.1	63.2	44.8
6-7 AM	167	0.0	1500	167	0	0.44	0	66.0	63.1	44.6
7-8 AM	210	0.0	1500	210	0	0.44	0	65.8	62.8	44.2
8-9 AM	310	0.0	1500	310	0	0.45	0	65.5	62.5	44.5
9-10 AM	493	0.0	OFF	493	0	0.00	0	64.8	64.8	64.8
10-11 AM	720	0.0	OFF	720	0	0.00	0	64.6	64.6	64.6
11AM-NOON	882	0.0	OFF	882	0	0.00	0	64.6	64.6	64.6
NOON-1PM	945	0.0	OFF	945	0	0.00	0	64.8	64.8	64.8
1-2 PM	967	0.0	OFF	967	0	0.00	0	65.0	65.0	65.0
2-3 PM	952	0.0	OFF	952	0	0.00	0	65.3	62.3	43.3
3-4 PM	971	0.0	OFF	971	0	0.00	0	65.6	62.5	43.7
4-5 PM	919	0.0	OFF	919	0	0.00	0	65.8	62.9	44.3
5-6 PM	841	0.0	OFF	841	0	0.00	0	66.0	63.1	44.6
6-7 PM	728	0.0	OFF	728	0	0.00	0	66.1	63.2	44.9
7-8 PM	558	0.0	1500	558	0	0.48	0			
8-9 PM	442	0.0	1500	442	0	0.47	0			
9-10 PM	298	0.0	1500	298	0	0.45	0			
10-11 PM	223	0.0	1500	223	0	0.44	0			
11PM-MID	148	0.0	1500	148	0	0.44	0			

"OFF" INDICATES NO ROAD WORK (ALL LANES OPEN TO TRAFFIC)

*----- SITE BREAKDOWN DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0.0
AV BREAKDOWNS PER DAY	0.00
AV QUEUE DELAY/DAY (VEH-H)	0.0
AV TOTAL DELAY/DAY (VEH-H)	0.0

*----- SITE ACCIDENT DELAYS -----*	
BREAKDOWN DURATION (MINS)	0
RANGE OF QUEUE DELAY - MIN (VEH-H) MAX	0
AV BREAKDOWNS PER DAY	0
AV QUEUE DELAY/DAY (VEH-H)	0
AV TOTAL DELAY/DAY (VEH-H)	0

AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0191
MAIN ROUTE WITH WORKS	0.0189
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$309
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

**USH 41: USH 141 TO CTH B (BROWN AND OCONTO COUNTIES)  
NIGHTTIME CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**AUGUST**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**SUNDAY NORTHBOUND DIRECTION**

