

<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>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY      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	44	0.0	1500	44	0	0.43	0	66.3	63.5	45.3
1-2 AM	40	0.0	1500	40	0	0.43	0	66.3	63.5	45.3
2-3 AM	74	0.0	1500	74	0	0.43	0	66.3	63.4	45.2
3-4 AM	89	0.0	1500	89	0	0.43	0	66.2	63.4	45.1
4-5 AM	285	0.0	1500	285	0	0.45	0	65.8	62.9	44.3
5-6 AM	785	0.0	OFF	785	0	0.00	0	64.9	64.9	64.9
6-7 AM	1496	0.0	OFF	1496	0	0.00	0	63.6	63.6	63.6
7-8 AM	1659	0.0	OFF	1659	0	0.00	0	63.3	63.3	63.3
8-9 AM	1100	0.0	OFF	1100	0	0.00	0	64.3	64.3	64.3
9-10 AM	931	0.0	OFF	931	0	0.00	0	64.6	64.6	64.6
10-11 AM	881	0.0	OFF	881	0	0.00	0	64.8	64.8	64.8
11AM-NOON	838	0.0	OFF	838	0	0.00	0	64.8	64.8	64.8
NOON-1PM	853	0.0	OFF	853	0	0.00	0	64.8	64.8	64.8
1-2 PM	937	0.0	OFF	937	0	0.00	0	64.6	64.6	64.6
2-3 PM	904	0.0	OFF	904	0	0.00	0	64.7	64.7	64.7
3-4 PM	951	0.0	OFF	951	0	0.00	0	64.6	64.6	64.6
4-5 PM	1084	0.0	OFF	1084	0	0.00	0	64.3	64.3	64.3
5-6 PM	1045	0.0	OFF	1045	0	0.00	0	64.5	64.5	64.5
6-7 PM	750	0.0	OFF	750	0	0.00	0	65.0	65.0	65.0
7-8 PM	535	0.0	1500	535	0	0.47	0	65.4	62.3	43.3
8-9 PM	359	0.0	1500	359	0	0.46	0	65.7	62.7	44.0
9-10 PM	299	0.0	1500	299	0	0.45	0	65.8	62.9	44.3
10-11 PM	229	0.0	1500	229	0	0.44	0	66.0	63.0	44.6
11PM-MID	130	0.0	1500	130	0	0.44	0	66.1	63.3	45.0

"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

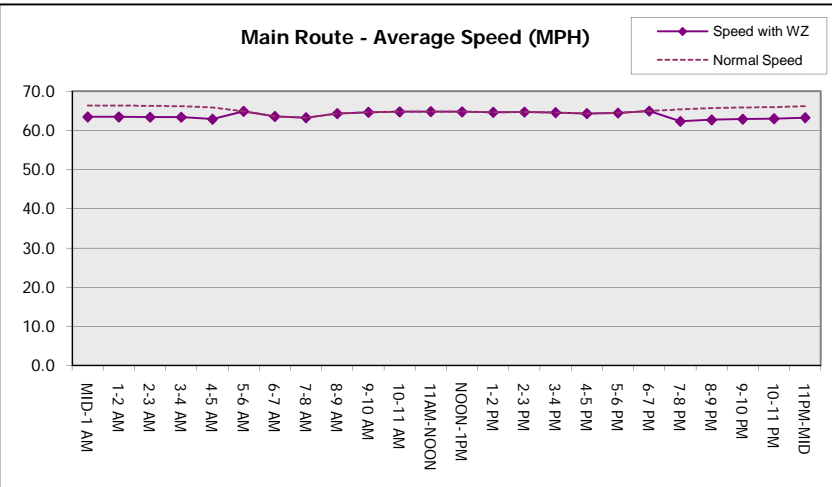
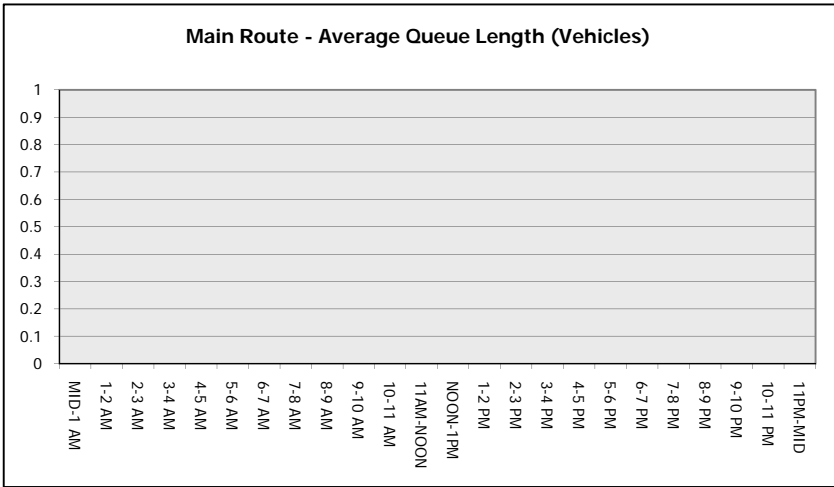
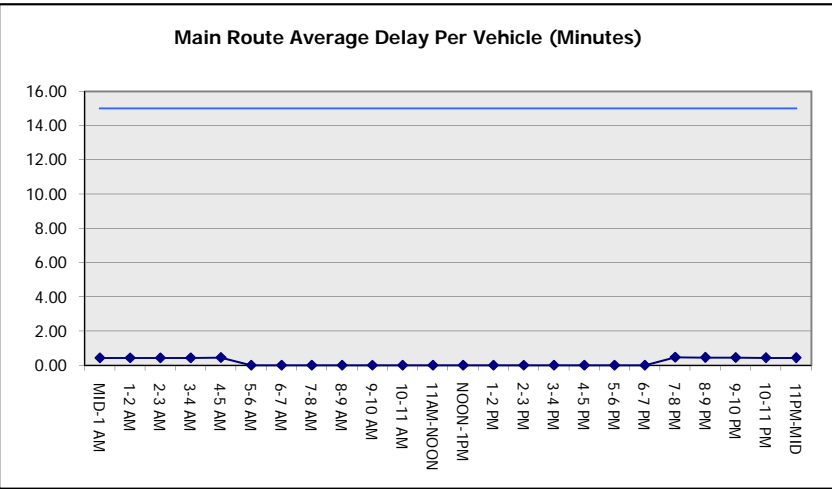
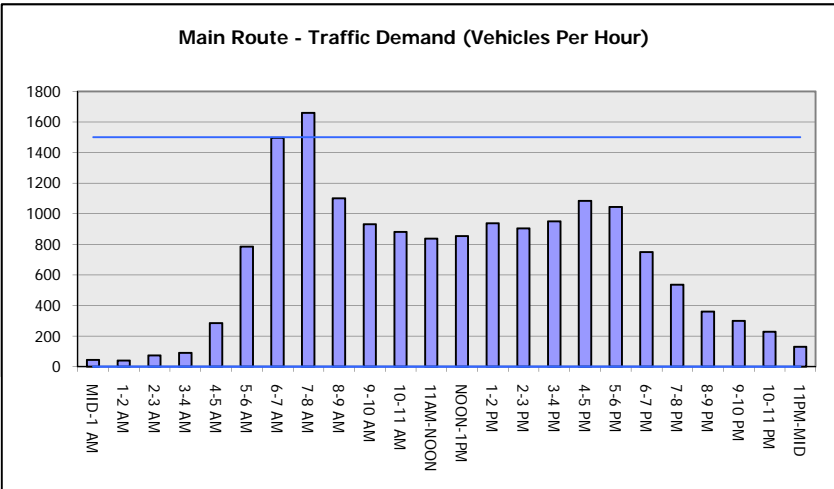
AVERAGE ACCIDENT NUMBERS (PIA/DAY)	
MAIN ROUTE WITHOUT WORKS	0.0275
MAIN ROUTE WITH WORKS	0.0274
'DIVERSION'	0.0000
PIA: Personal Injury Accidents	
IMPACTS ON ROAD USERS	
ROAD USER COSTS PER DAY	\$202
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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NIGHTTIME CLOSURE  
NO DIVERSION ROUTE (MAX QUEUE METHOD)**

**MAY**  
Analyzed for 2009  
Construction Season

**GRAPHICAL REPRESENTATION OF TRAFFIC MODEL INPUT AND OUTPUT**  
**FRIDAY 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>MAY</b>
	Analyzed for 2009 Construction Season

**SUMMARY OF TRAFFIC MODEL OUTPUT**

FRIDAY 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	122	0.0	1500	122	0	0.43	0	66.1	63.3	45.0
1-2 AM	91	0.0	1500	91	0	0.43	0	66.2	63.3	45.1
2-3 AM	76	0.0	1500	76	0	0.43	0	66.3	63.4	45.2
3-4 AM	87	0.0	1500	87	0	0.43	0	66.2	63.4	45.1
4-5 AM	139	0.0	1500	139	0	0.44	0	66.1	63.3	44.9
5-6 AM	210	0.0	OFF	210	0	0.00	0	66.0	66.0	66.0
6-7 AM	514	0.0	OFF	514	0	0.00	0	65.5	65.5	65.5
7-8 AM	614	0.0	OFF	614	0	0.00	0	65.3	65.3	65.3
8-9 AM	635	0.0	OFF	635	0	0.00	0	65.2	65.2	65.2
9-10 AM	686	0.0	OFF	686	0	0.00	0	65.1	65.1	65.1
10-11 AM	830	0.0	OFF	830	0	0.00	0	64.8	64.8	64.8
11AM-NOON	963	0.0	OFF	963	0	0.00	0	64.6	64.6	64.6
NOON-1PM	1115	0.0	OFF	1115	0	0.00	0	64.3	64.3	64.3
1-2 PM	1295	0.0	OFF	1295	0	0.00	0	64.0	64.0	64.0
2-3 PM	1476	0.0	OFF	1476	0	0.00	0	63.7	63.7	63.7
3-4 PM	1841	0.0	OFF	1841	0	0.00	0	63.0	63.0	63.0
4-5 PM	2222	0.0	OFF	2222	0	0.00	0	62.2	62.2	62.2
5-6 PM	2069	0.0	OFF	2069	0	0.00	0	62.5	62.5	62.5
6-7 PM	1534	0.0	OFF	1534	0	0.00	0	63.5	63.5	63.5
7-8 PM	1022	0.0	1500	1022	0	0.52	0	64.5	61.2	41.6
8-9 PM	838	0.0	1500	838	0	0.50	0	64.8	61.7	42.2
9-10 PM	656	0.0	1500	656	0	0.49	0	65.1	62.1	42.9
10-11 PM	476	0.0	1500	476	0	0.47	0	65.5	62.5	43.6
11PM-MID	357	0.0	1500	357	0	0.46	0	65.7	62.8	44.1

"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	0.0335
MAIN ROUTE WITH WORKS	0.0333
'DIVERSION'	0.0000

PIA: Personal Injury Accidents

ECONOMIC IMPACT ON ROAD USERS	
ROAD USER COSTS PER DAY	\$404
CONGESTED HOURS PER DAY*	0

\*Delays Exceeding User-Specified Maximum

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Construction Season

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

