

Lindsay Sulatycki

From: julia@salviniconsulting.com
Sent: July 18, 2018 10:34 PM
To: Gwen Zhang; Lindsay Sulatycki
Cc: 'Pete Graham'; 'Dave Aston'; 'Rachel Martin'
Subject: Updated Traffic Count Data on Beechwood Avenue
Attachments: 1 - Beechwood Ave, south of Chadwick Ave - nb & sb volume.xls; 2 - Beechwood Ave, north of Waterloo Ave - nb & sb volume.xls

Hi Gwen, Lindsay,

At the request of both staff and local residents, we undertook a one-week long count of traffic on Beechwood Avenue both at the south end near the Waterloo intersection and at the north end near the 89 Beechwood Avenue site. The data was collected for the week beginning Saturday, July 7th and ending Friday, July 13th. I've attached the data for your review. A few key highlights and thoughts:

- Traffic in both sections had the highest peak hour on a Wednesday evening and the peak appears to be related to an event at the Ismailia Centre given the direction of travel and the peaking characteristics. The traffic levels on Beechwood Avenue near the Waterloo intersection reached 69 vehicles, measured in both directions, relative to the 48 measured in the surveys we undertook in February of this year. At no other time during the week did traffic volumes reach beyond 48 in both directions.
- The peak hour occurred from 7:15 to 8:15 PM and appears to be related to inbound traffic to the Ismailia Centre
- During the hour of 7:45 to 8:45 PM when traffic exiting the Ismailia Centre peaked in the February 2018 survey (48 vehicles), the measured two-way volume was 42.
- Traffic analysis in the letter I submitted previously suggested the future operation of the Waterloo/Beechwood intersection would be very good (level of service A or B) for turning traffic during all three studied peak hours. Despite slightly higher measured traffic in the July survey data for the one peak hour during the week, it is my opinion that the intersection would continue to operate at very good levels, in particular given that the increased measured traffic is northbound on Beechwood Avenue and would have little impact on southbound traffic at the intersection.
- Daily traffic levels at the north end peaked at 207 on the Wednesday. Daily traffic levels at the south end peaked at 311 on the Wednesday. Both are within the range of estimated daily traffic in my letter and within the acceptable range of traffic levels for a local road. On other days of the week traffic levels were lower at both ends of Beechwood Avenue.

If you have any questions about the data or wish to discuss it, I would be happy to do so.

Julia



Julia Salvini, President

julia@salviniconsulting.com

519-591-0426