

Survey – Cycling and Pedestrian Safety – Bronson Ave (Holmwood Ave. to Brewer Way) Summary of Results

Onsite survey date and time: Friday, November 16, 2012 from 8am to 10am

Locations: 1 – Brewer Way at Bronson Ave. Intersection

2 – Sunnyside Ave. at Bronson Ave. Intersection

3 – South end of canal bridge (west side of Bronson Ave.)

Weather Conditions: Clear, Sunny, Temp. +1 to +3

Onsite Surveys Completed: 102

Online Surveys Completed (as of Jan 7, 2013): 566

Total Surveys Submitted: 668

The On-site survey was set up with 2 people per location. A brief questionnaire was presented to any cyclists or pedestrians who were willing to take 1-2 minutes. An option to fill the survey out online was also given.

It was more difficult to stop cyclists than pedestrians due to obvious reasons, however many observations were made regarding common cyclist patterns and practices.

Main areas of concern for on-site survey respondents:

1. Colonel By on/off ramps at Bronson Ave.
 - Pedestrians crossing both ramps find motorists not yielding
 - Cyclists find long deceleration ramp to Colonel By uncomfortable
 - Motorists coming onto Bronson Ave have conflicts with cyclists trying to get onto University pathway
2. Brewer Way/Bronson Ave intersection
 - NB Bronson to EB Brewer Way right turns
3. Sunnyside/Bronson Ave intersection
 - Left turns in all directions
4. Findlay/Bronson Intersection
 - Awkward bike lane design
5. Holmwood/Bronson intersection
 - High speeds
 - Motorists running red lights
6. Bronson Place/Bronson intersection
 - Motorists not yielding to through-travelling cyclists

On-Site Observations (made by City Staff):

- Several situations where motorists failed to yield for pedestrians crossing the Colonel By to Bronson Ave. South on-ramp.
- Several situations where motorists made rather abrupt stops for pedestrians while entering SB Bronson to Colonel By ramp.
- Cyclists heading northbound on campus pathway were forced to travel northbound on sidewalk along west side of Bronson until controlled crossing at Holmwood.
- Southbound cyclists on Bronson often used sidewalk on island between Colonel By ramps, and pedestrian crossing (Colonel By to Bronson SB) as a transition into campus pathway.

- High travel speeds on Bronson Ave. (upwards of 90km/h)
- Cyclists crossing the Brewer Way/Bronson south cross-walk at full speed from the multi-use pathway make it difficult for NBRT vehicles to see them in advance of the intersection
- A student informed us that buses coming out of University Rd. making the left turn onto Bronson Ave. northbound tend to race the pedestrians and cyclists crossing the north cross-walk so that they are not delayed.
- Left and right-turning motorists from Sunnyside Ave. and University Rd. not yielding to EB and WB pedestrians and cyclists crossing Bronson.
- On Bronson Ave, driver going southbound can do a right-turn onto University Ave. There is a right-turn channel at this NW corner. Some drivers were observed not yielding for peds to cross.

Summary of results based on overall survey responses (both on line and on site)

The online survey results were collected on January 7th, 2013. The total number of surveys completed was 668.

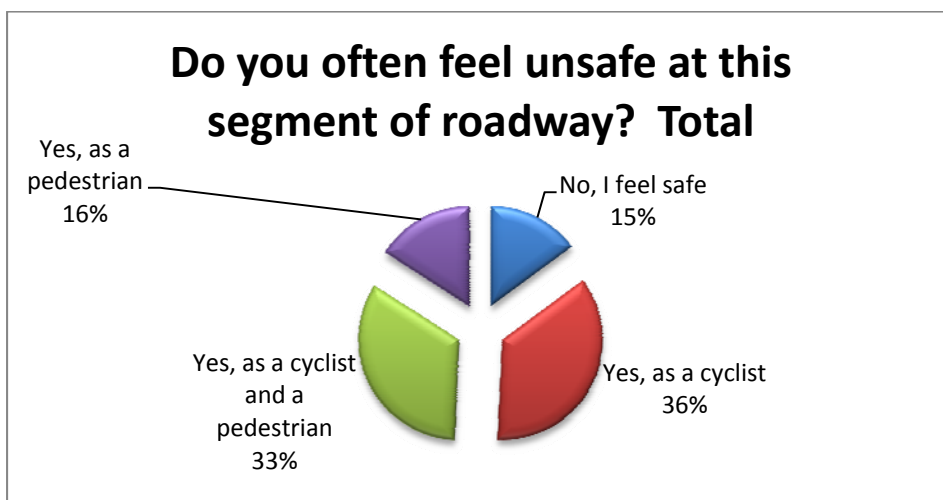


Fig. 1 - Of the total surveyed, 101 felt safe, 239 felt unsafe as cyclists, 106 felt unsafe as pedestrians and 222 felt unsafe as pedestrians/cyclists.

Do high vehicle speeds make you feel unsafe along this roadway? Total

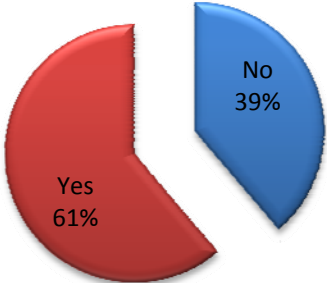


Fig. 2 – Of the total surveyed, 409 felt unsafe due to the high speeds along this segment of roadway.

As a cyclist, sharing the narrow travel lanes makes me feel unsafe on this roadway Total

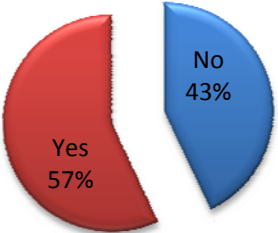


Fig. 3 – Of the total surveyed, 381 of them felt that sharing the narrow travel lanes made them feel unsafe as cyclists along this segment of roadway.

As a pedestrian, narrow sidewalks make me feel unsafe Total

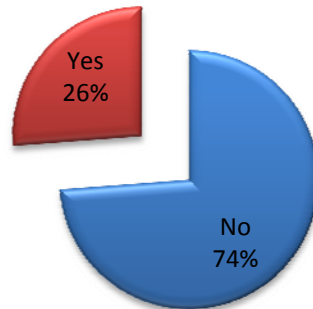


Fig. 4 – Of the total surveyed, 175 of them felt that the narrow sidewalks made them feel unsafe as pedestrians along this segment of roadway.

Do you notice motorists being impatient when making right turns at pedestrian crossing locations? Total

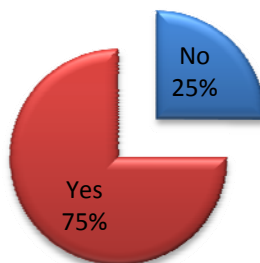


Fig. 5 – Of the total surveyed, 500 notice motorists being impatient when making right turns at pedestrian crossing locations along this segment of roadway.

36 of the 668 surveyed commented that they felt unsafe while crossing the on/off ramps at Colonel By. Although this is a small percentage (5.4%), it should be taken into consideration that survey participants often do not include additional comments. In fact, in this survey, only 193 of the participants included additional comments regarding why they felt unsafe on this particular section of roadway.