

Craig Henry Drive Area Traffic Management Study

As We Heard It Report – Spring 2018

Summary

An online survey for the Craig Henry Drive Area Traffic Management Study was undertaken between April 16 and May 6, 2018. 303 respondents completed the survey, and 158 (52%) of them responded that they were living or working along Craig Henry Drive. 75% of survey respondents used Craig Henry Drive daily. Most dominant mode of transportation was car, either as a driver (95%) or as a passenger (46%). 67%, 43%, and 30% of survey respondents answered that they walk, cycle, and use public transit, respectively, when travelling along Craig Henry Drive. Primary concerns of the survey respondents were speed (53%), pedestrian safety (47%), aggressive driver behavior (35%) and cyclist safety (33%). Overall, the survey indicated support for curb radii reductions and raised crosswalks for traffic calming measures.

Survey Responses

Question 1

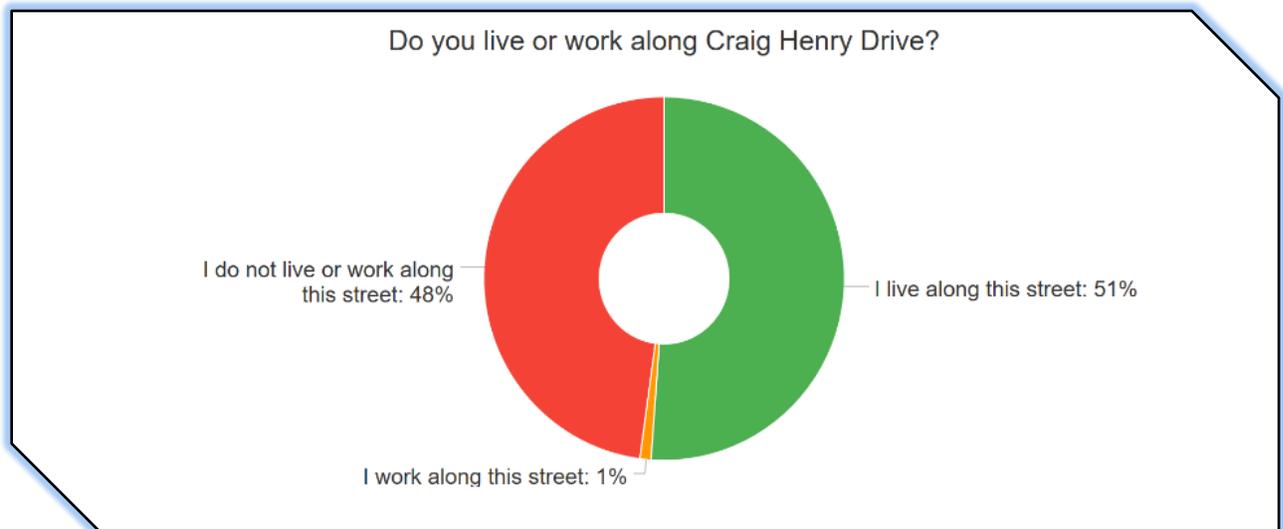


Figure 1 Do you live or work along Craig Henry Drive?

Question 2

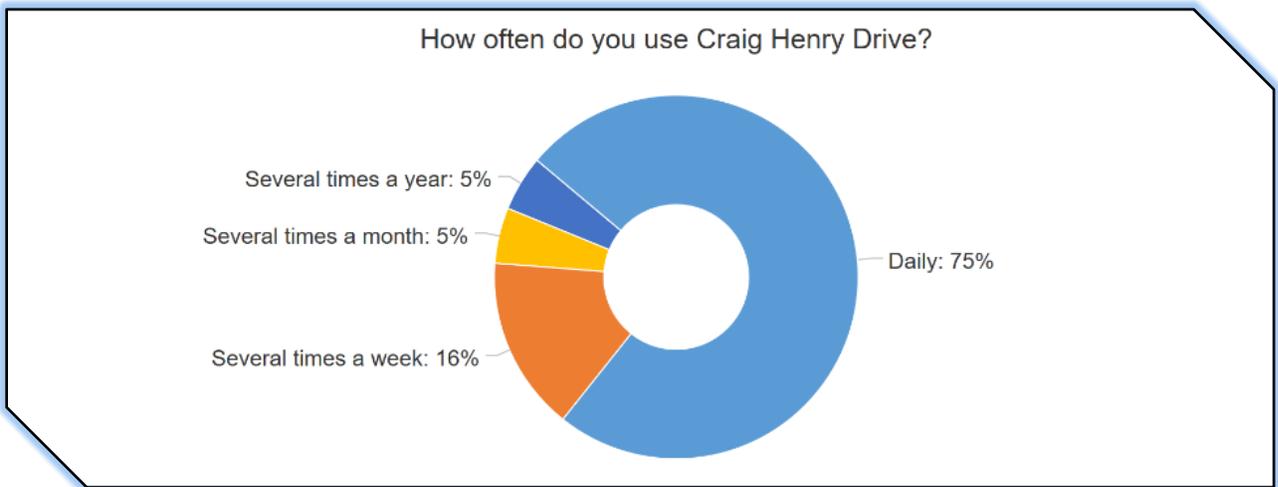


Figure 2 How often do you use Craig Henry Drive?

Question 3

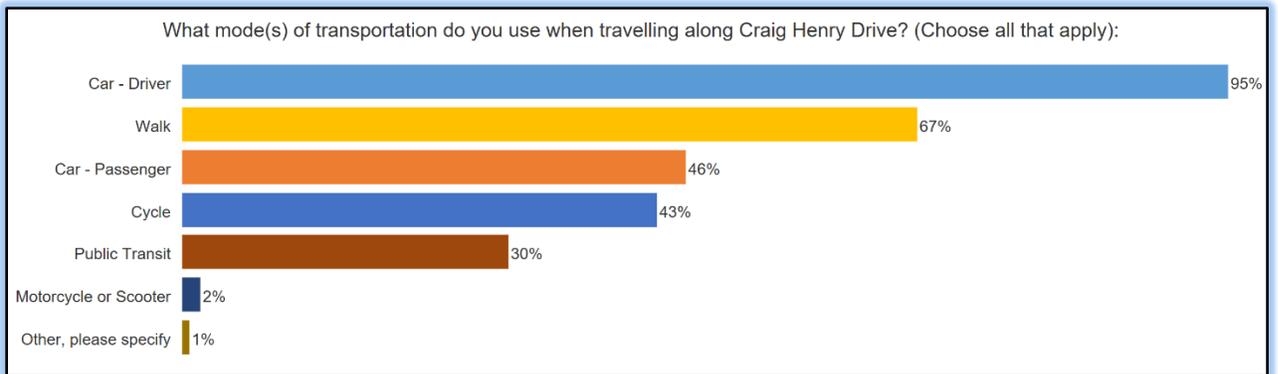


Figure 3 Mode of transportation

Question 4

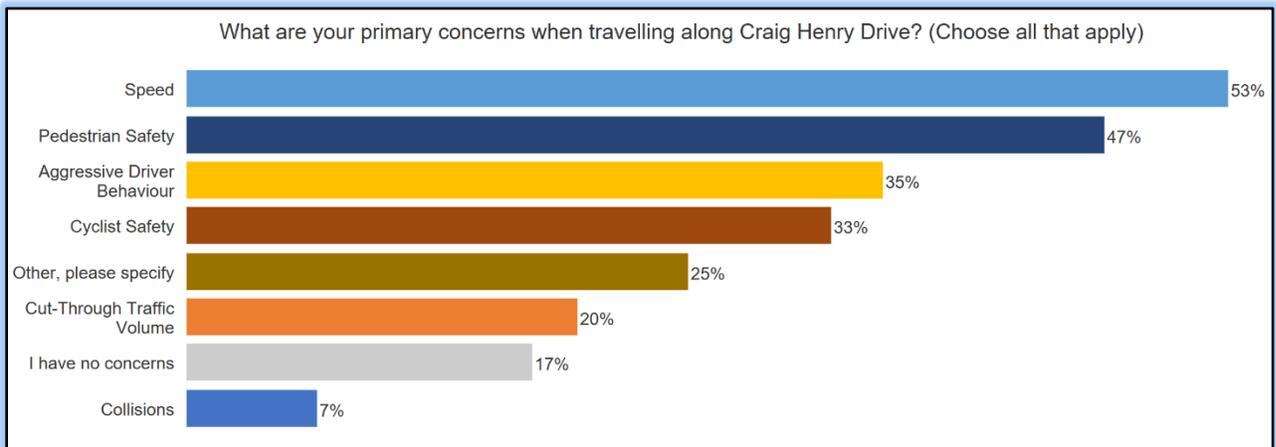


Figure 4 Primary concerns

Public Commentary

Many individual comments were received. The following tables provide a summary of these comments grouped into similar categories.

Traffic Issues

Category	Raised Concerns
Road Geometry	<ul style="list-style-type: none"> • Sidewalks and crosswalks are not sufficient. • The purpose of edge lines is unclear. • Visibility is limited due to parked vehicles, hedges, bus shelters and snow banks.
Traffic Control	<ul style="list-style-type: none"> • Speed limit is too low.
Traffic Operation	<ul style="list-style-type: none"> • It is not safe to turn left from southbound Greenbank Road to eastbound Craig Henry Drive. • It is not safe to turn right from westbound Craig Henry Drive to northbound Greenbank Road. • Traffic induced vibrations and noise is high.
Parking	<ul style="list-style-type: none"> • Parked vehicles are half on the sidewalk.
Road Users	<ul style="list-style-type: none"> • Drivers disobey stop signs. • Unsafe behaviours of pedestrians and cyclists

Category	Raised Concerns
Maintenance and Emergency Services	<ul style="list-style-type: none"> • Pavement condition is poor. • Traffic calming measures increase road maintenance and delay emergency response time.

Preferred Solutions

More survey respondents support than oppose raised crossings and curb radii reductions. More survey respondents oppose than support speed humps, mini roundabouts, and especially horizontal deflection measures such as chicane, mid-block and intersection bulb-outs.

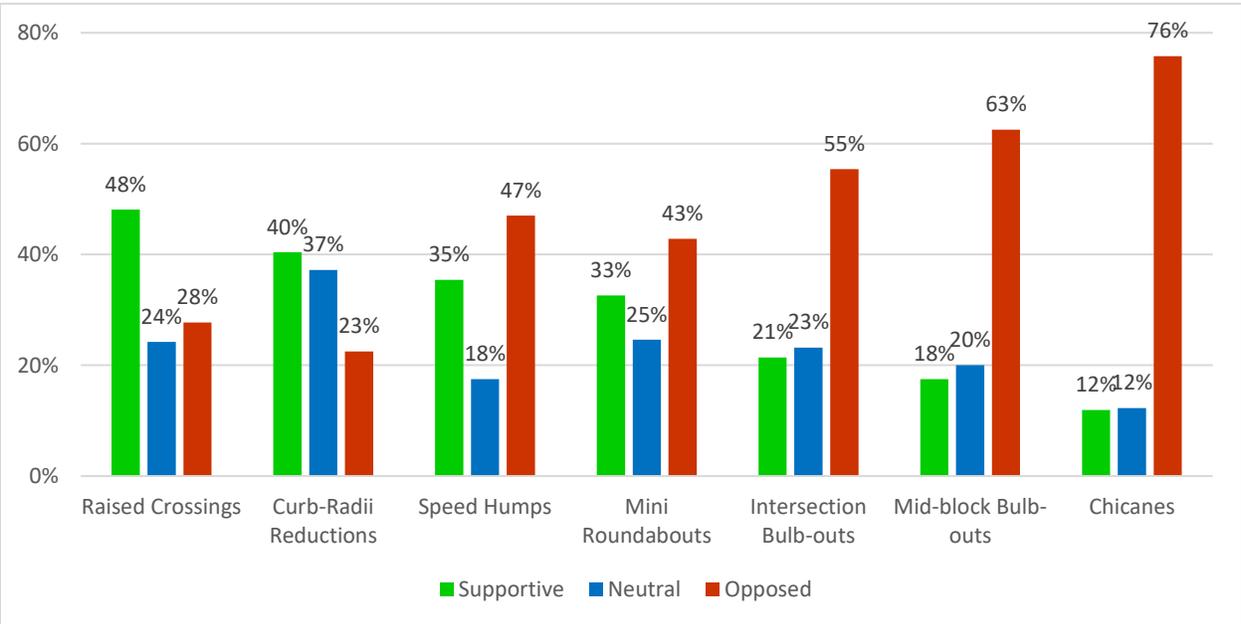


Figure 5 Traffic Calming Measures Public Support Responses

Other solutions suggested by the survey respondents are as follows:

Category	Suggested Solutions
Road Geometry	<ul style="list-style-type: none"> • Widen Craig Henry Drive to two lanes in each direction. • Add a right turn lane from westbound Knoxdale Road to northbound Craig Henry Drive. • Add a right turn lane from southbound Craig Henry Drive to westbound Knoxdale Road. • Plant trees on the median • Resurface Craig Henry Drive.
Traffic Control	<ul style="list-style-type: none"> • More traffic signal-controlled intersections along Craig Henry Drive. • More all-way stop controlled intersections along Craig Henry Drive. • Add pedestrian traffic signals along Craig Henry Drive. • Add a left turn phase from southbound Greenbank Road to eastbound Craig Henry Drive. • Increase left turn phase length from eastbound Craig Henry Drive to southbound Greenbank Road. • Increase left turn phase length from eastbound Knoxdale Road to northbound Craig Henry Drive. • Add a left turn phase from southbound Craig Henry Drive to eastbound Knoxdale Road. • Signal flashing mode during late-night/early-morning operation at the intersection of Craig Henry Drive and Knoxdale Road • Raise speed limit to 50 km/h.
Walking and Cycling	<ul style="list-style-type: none"> • Additional sidewalks and crosswalks • Bicycle lanes
Public Transit	<ul style="list-style-type: none"> • Use electric buses.
Parking	<ul style="list-style-type: none"> • Paid and permit parking along Craig Henry Drive
Temporary Traffic Calming Measures	<ul style="list-style-type: none"> • Speed display boards
Enforcement	<ul style="list-style-type: none"> • Increase enforcement for speeding and stop compliance. • Install speed cameras. • Prohibit no stopping near intersections and schools and enforce it.