



P.O. Box 1749
Halifax, Nova Scotia
B3J 3A5 Canada

Item No. 12.3.1
Transportation Standing Committee
July 27, 2017

TO: Chair and Members of the Transportation Standing Committee

Original Signed

SUBMITTED BY:

Patricia Gates, Chair, Advisory Committee on Accessibility in HRM

DATE: June 20, 2017

SUBJECT: Report Request – City Lights App Technology

ORIGIN

June 19, 2017 meeting of the Accessibility Advisory Committee, Item No. 7.3.1

LEGISLATIVE AUTHORITY

Accessibility Advisory Committee Terms of Reference, section 2.5 which states “To advise Regional Council (through the Transportation Standing Committee), municipal departments and the public about strategies designed to achieve the objectives of this Committee”.

RECOMMENDATION

It is recommended by the Accessibility Advisory Committee that the Transportation Standing Committee request a staff report on the feasibility of integrating the City Lights App technology into HRM’s traffic light infrastructure as outlined in the presentation provided to the Accessibility Advisory Committee on June 19, 2017.

BACKGROUND/DISCUSSION

A presentation regarding the City Lights App technology was brought to the Accessibility Advisory Committee meeting held on June 19, 2017 (see Attachment 1). The Committee discussed the matter, noting that this app would help reduce barriers to residents and visitors to the municipality with visual impairments by providing information regarding upcoming intersections directly to their smart phones. The Committee approved a motion to recommend that the Transportation Standing Committee request a staff report considering the feasibility of integrating this technology into HRM's traffic light infrastructure.

FINANCIAL IMPLICATIONS

There are no financial implications associated with this report. The requested staff report, if approved by the Transportation Standing Committee, will outline financial implications.

RISK CONSIDERATION

There are no significant risks associated with the recommendations in this Report. The risks considered rate low.

COMMUNITY ENGAGEMENT

The Accessibility Advisory Committee is an advisory committee to the Transportation Standing Committee and is comprised of eight members of the public and two duly elected members of Regional Council. Meetings are open to public attendance and the agenda, reports and minutes of the Accessibility Advisory Committee are posted on Halifax.ca.

ENVIRONMENTAL IMPLICATIONS

Not applicable.

ALTERNATIVES

The Accessibility Advisory Committee did not discuss alternatives.

ATTACHMENTS

1. Presentation to Accessibility Advisory Committee dated June 19, 2017

A copy of this report can be obtained online at <http://www.halifax.ca/council/agendasc/cagenda.php> then choose the appropriate meeting date, or by contacting the Office of the Municipal Clerk at 902.490.4210, or Fax 902.490.4208.

Report Prepared by: Phoebe Rai, Legislative Assistant, 902.490.6732



NAVIGATION APP FOR THE BLIND

Project Concept

Name of Applicant: Erjon Begaj

Address: Halifax , NS

Business Identification Number: 3306844

Contact Name: Erjon Begaj

Title: CEO & Foudrer

Telephone Number: +1 (902) 477-2002

E-mail Address: support@citylightsapp.com

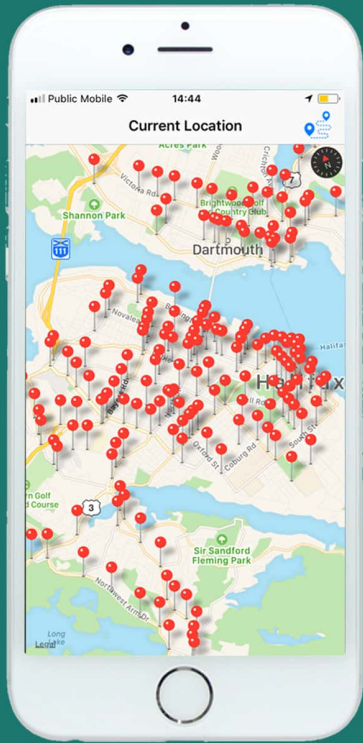
1. Project Name or Title:

Implementing traffic lights timing into City Lights app

2. Project Costs and Financing

Project Costs and Financing				
Project Costs		Project Financing		
Type of costs	Amount	Source	Amount	Confirmed ?
Building offices	1	Volta Labs	\$2.000	No
Other Capital Costs				
Wages and Saliariess	2	Software engineers	\$6.000	No
Other Operating Expenses	1	API	\$2.000	No
Total Project Cost:	\$20.000	Total Project Financing:		\$10.000



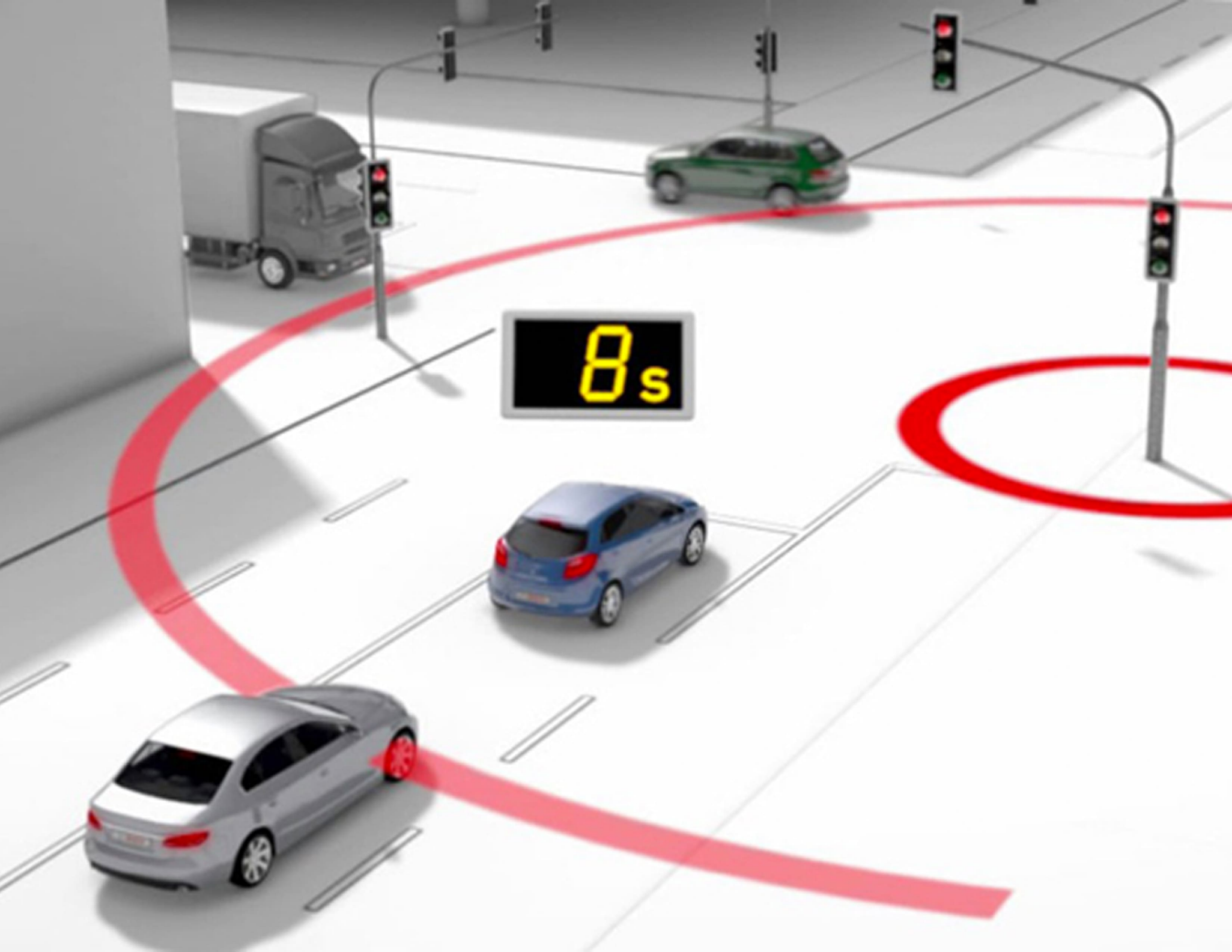


City lights is an app developed for visually impaired people. Its sophisticated technology alerts the user discreetly every time a traffic light is nearby by vibrating 3 times and with an audio message.

Our goal is to help and encourage people with vision impairment to move freely, safely and independently by adding an extra layer of security.







94.1 HD1

270 mi

Traffic light online



↑ 30mph

+50°F

9:55 AM

D

54

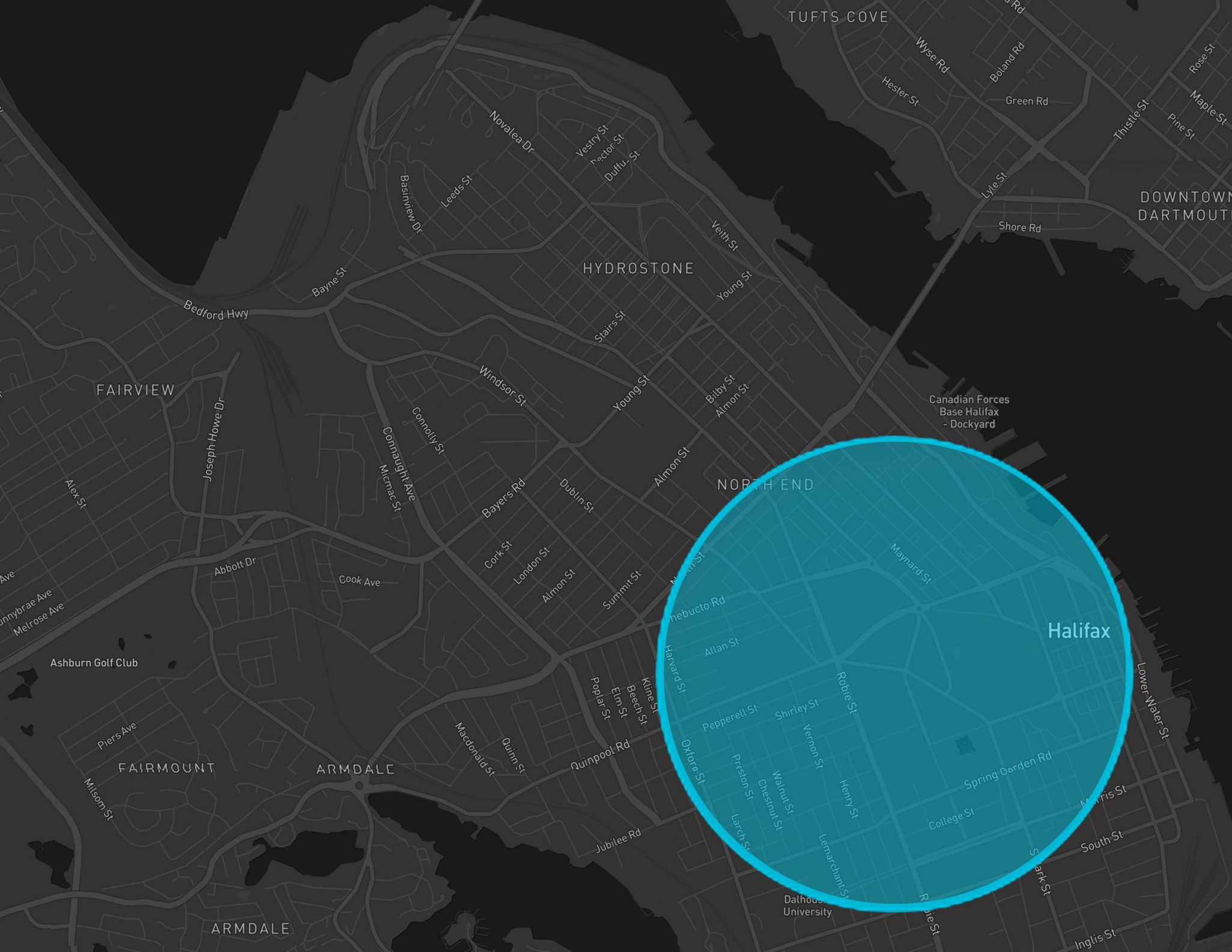
450



HALIFAX

An aerial photograph of Halifax, Nova Scotia, Canada. The image shows the city's skyline, including several high-rise buildings, and the harbor area. A prominent suspension bridge with green towers and red cables spans across the water. The water is a deep blue, and the surrounding land is a mix of urban development and green spaces. The sky is clear and blue.

1st City Worldwide



TUFTS COVE

DOWNTOWN
DARTMOUTH

HYDROSTONE

FAIRVIEW

NORTH END

Halifax

Canadian Forces
Base Halifax
- Dockyard

FAIRMOUNT

ARMDALE

ARMDALE

Dalhousie
University



Thank you



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