

**HALIFAX**

# **Strategic Road Safety Framework**

Active Transportation Advisory Committee  
April 18, 2019

# Introduction

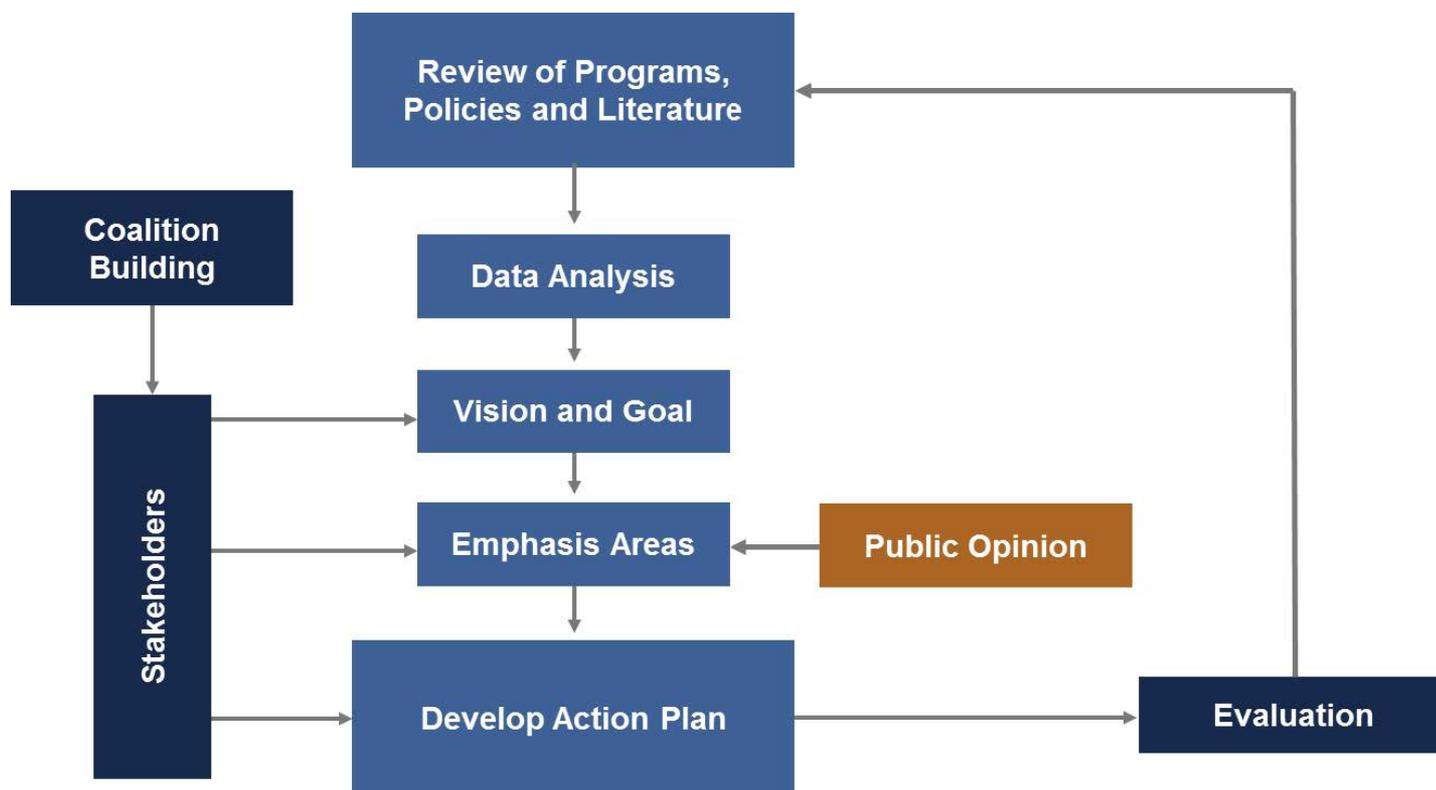
**+1400** personal injuries  
**14** fatalities

*Per year on average in HRM*

# Timeline

- 2016/17 TPW Business Plan objective: Create an overall road safety strategy to encompass all road users, including pedestrians, cyclists and motorists
- Project Initiation: March 2017
- Regional Council: July 2018

# Project Methodology



# Stakeholder Engagement

**HALIFAX**  
Halifax Regional Municipality

  
Nova Scotia Health Authority

**CHILD SAFETY LINK**  
Here for you.  
Child Safety Link

**HALIFAX**  
TRANSIT  
Halifax Transit

  
**DALHOUSIE**  
UNIVERSITY  
Dalhousie University

  
**NOVA SCOTIA**  
Province of Nova Scotia

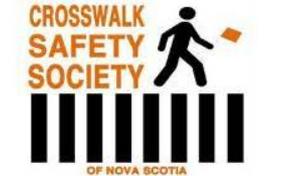
  
Dalhousie Transportation  
Collaboratory

  
Canadian National Institute  
for the Blind

  
Halifax Regional Police

  
Halifax Walk n' Roll

  
Canada  
RCMP

  
Crosswalk Safety Society

  
Halifax Cycling Coalition

  
Ecology Action Centre

**HALIFAX**

## - Vision -

Moving towards **zero fatalities and injuries** for people using any mode of transportation.

# - Goal -

**15%** reduction of fatal and injury collisions  
within five years.

# Emphasis Areas

- Priority areas to focus resources to have the greatest impact in reducing injuries and fatalities
- Sources:
  - Collision analysis 
  - Public opinion 

# Public Engagement Survey

	5 - Highest Priority	4 - High Priority	3 - Medium Priority	2 - Low Priority	1 - Not a Priority	No <i>Opinion</i>
Aggressive Driving	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Distracted Driving	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Impaired Driving	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seat Belt and Car Seat Usage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Speeding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bicyclists	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motorcyclists	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Older Drivers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pedestrians	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
School Zones	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Unlicensed, Suspended, or Revoked License Drivers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Young Drivers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Animal-related Collisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Buses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Intersections	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Nighttime Collisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Roadway/Lane Departure Collisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trucks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vehicle-Train Collisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Winter Weather-Related Collisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work Zone Related Collisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

1219 responses received

# Collision Data Analysis

- Data was available for 2007-2014
- Identify groups of frequent fatal or injury collisions:
  - a type of collision
  - a specific behaviour
  - a specific demographic
  - a facility type
  - modes of transportation

## **INTERSECTION RELATED**

*All collisions occurring within an intersection*



## **YOUNG DEMOGRAPHIC**

*Collisions that involve people under 25*



## **PEDESTRIAN COLLISIONS**

*Collisions that involve any person who is not riding in or on a vehicle*



## **AGGRESSIVE DRIVING**

*Collisions that result from behaviours like following too close, speeding, disobeying traffic control, improper passing and more*



## **DISTRACTED DRIVING**

*Collisions that result from inattention*



## **IMPAIRED DRIVING**

*Collisions where the driver is impaired or under the influence of drugs or alcohol*



## **BICYCLIST COLLISIONS**

*Collisions that involve someone on a bicycle*



# Countermeasures

- Engineering, Education, and Enforcement.



- Countermeasures are chosen based on:
  - The likelihood of success;
  - The ability to deliver the action.

# Action Plans

1. Create a Towards Zero Steering Committee
2. Implement Data Analysis System
3. Develop Outreach Program
4. Implement Countermeasures
5. Evaluate implemented countermeasures

# Report to TSC

- Staff recommendations were accepted with the following amendment to the goal statement:

**20%** reduction of fatal and injury collisions  
within **five years**.

# Report to Regional Council

- TSC recommendations were accepted with the following addition to the vision statement:

Moving towards **zero fatalities and injuries**  
**by 2038** for people using any mode of  
transportation.

# Year One Actions

- Creation of the Road Safety Steering Committee
- Collision Database
- Top 10 Fatal & Injury Collision Locations

# Road Safety Culture

- From the people who design and build the roads
  - **Engineering** -
    - To the people who monitor our roads
      - **Enforcement** -
- To the people who share the information about our roads
  - **Education** -
    - To the people who use our roads
      - **All of us** -

# Thank you

