



# YORK REGION VISION ZERO TRAVELLER SAFETY PLAN

Presented to  
Committee of the Whole

Presented on  
March 7, 2024

Presented by  
Joseph Petrungaro, Director, Roads, Traffic and Fleet  
Nelson Costa, Manager, Traffic Safety and Signal Operations  
Todd Snooks, Constable, York Regional Police



# Agenda

1. Vision Zero and Safe System Approach
2. York Regional Police Road Safety Strategy
3. Current Safety Performance
4. Emphasis Areas and Countermeasure
5. Financial Implications



# Ambitious Target Requires Commitment From Partners And All Travellers

- 94% of all collisions are a result of driver error in actions and decisions
- Collisions are increasing and about one in four are severe; more needs to be done
- Plan identifies emphasis areas and recommends countermeasures to help reduce risk



**Aspirational  
Vision**

An end to severe collisions  
in York Region



**Target**

Reduce severe collisions by  
10% within five years

# Vision Zero Experience Around The World

Reduction in traffic deaths since implemented in Sweden in the 1990s



Sweden

**70%**

Since 1994



New York City

**30%**

Since 2014



City of Edmonton

**50%**

Since 2015

# Safe System Approach Provides Comprehensive Framework

- Framework for achieving Vision Zero
- Aims to transform traditional road safety plans to proactively focus on preventing and eliminating severe collisions
- Special regard for the most vulnerable road users



# Project Steering Committee



- York Region Accessible Advisory Committee
- Cycling and Pedestrian Advisory Committee
- Cycle Newmarket
- Neighbouring regions

# York Regional Police Road Safety Strategy

- Alignment with York Region Vision Zero Traveller Safety Plan
- Road safety strategy goal is to reduce severe collisions
- Top five road safety priorities
  - Speeding
  - Aggressive Driving
  - Distracted Driving
  - Impaired Driving
  - Pedestrian Safety



18,245  
Speeding



1,885  
Impaired Driving



1,087  
Stunt Driving  
(Over 40km/h)



729  
Distracted Driving

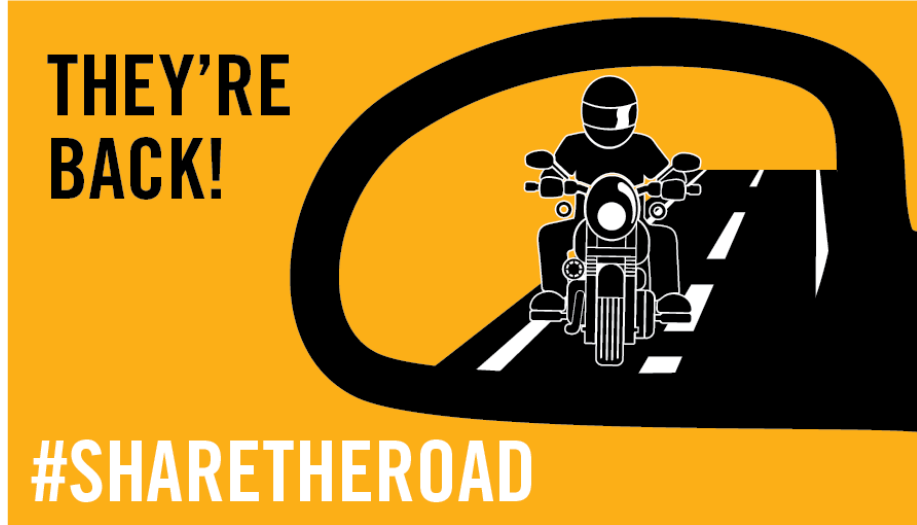


431  
Seatbelt



117  
Move Over

# Partnering Safety Campaigns To Change Behaviours





# Implemented Safety Measures Are Showing Positive Results



## Speed Monitoring Boards

Increase compliance by about 10%



## Roundabouts

Reduce injuries by more than 80%



## Automated Speed Enforcement

Reduce operating speeds by 10 km/h

## Red Light Cameras

Reduce right angle collisions by more than 30%



## Pedestrian and Cycling Measures

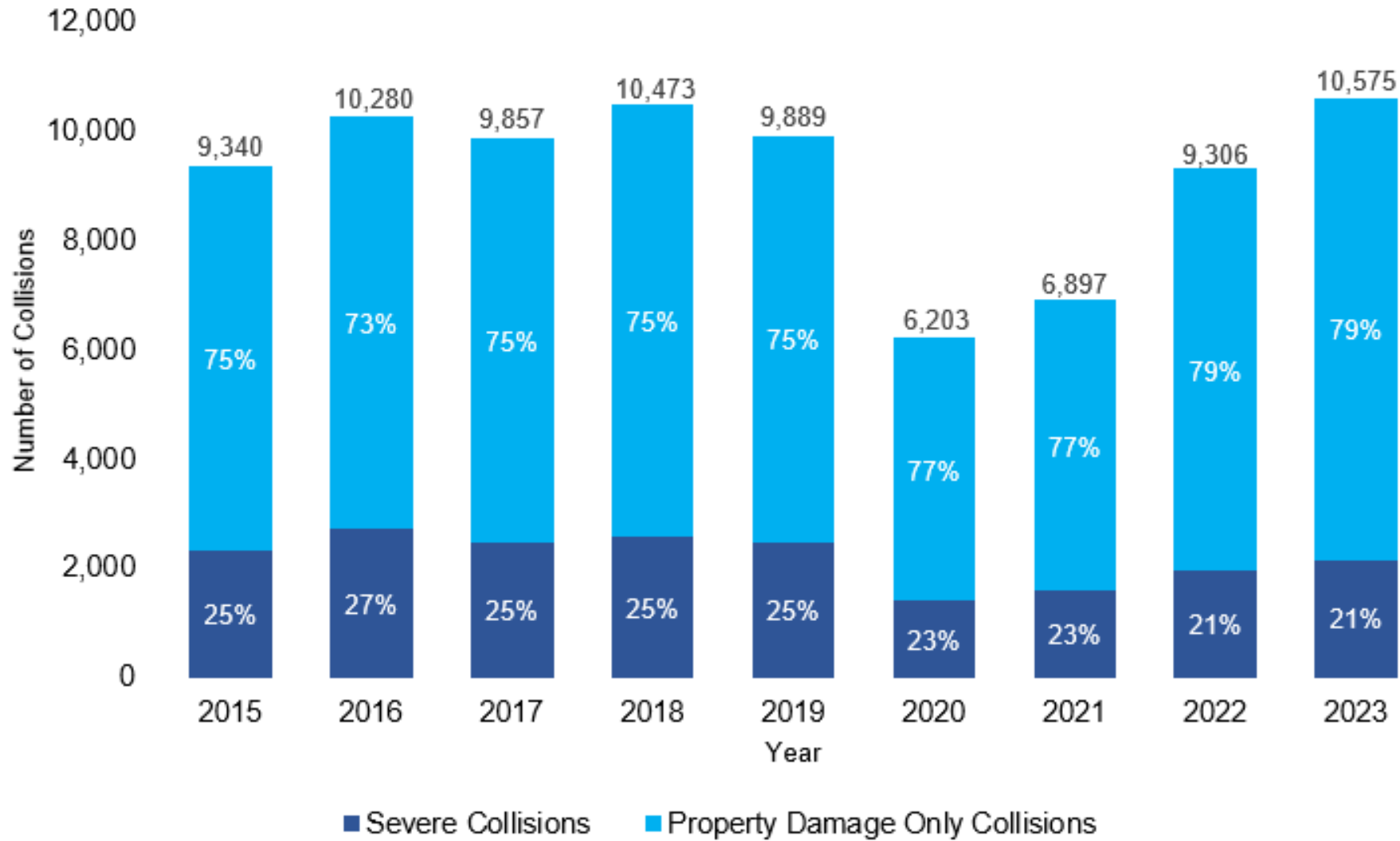
Reduce turning movement collisions by 75%



## School Zone Speed Reductions

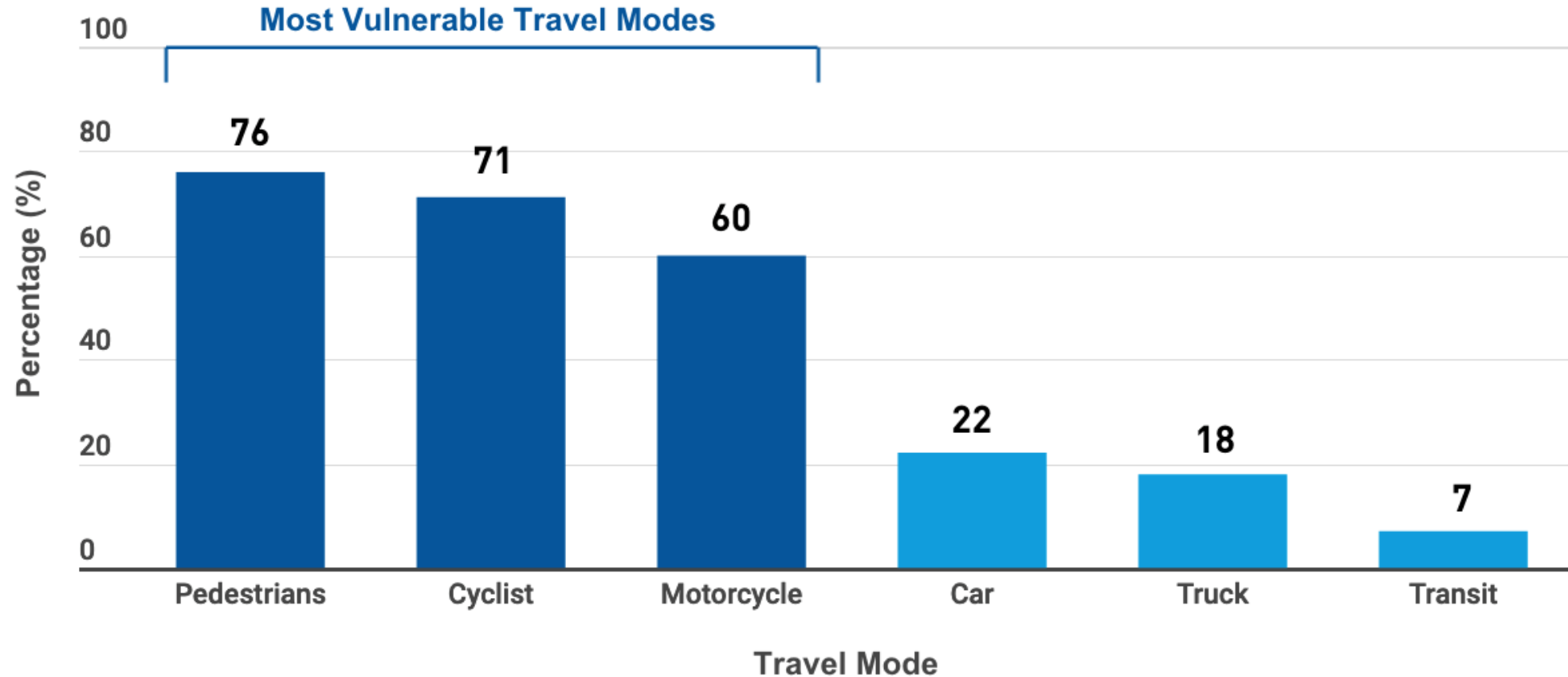
Reduce collisions by about 10%

# Collisions Are Increasing And One In Four Are Severe



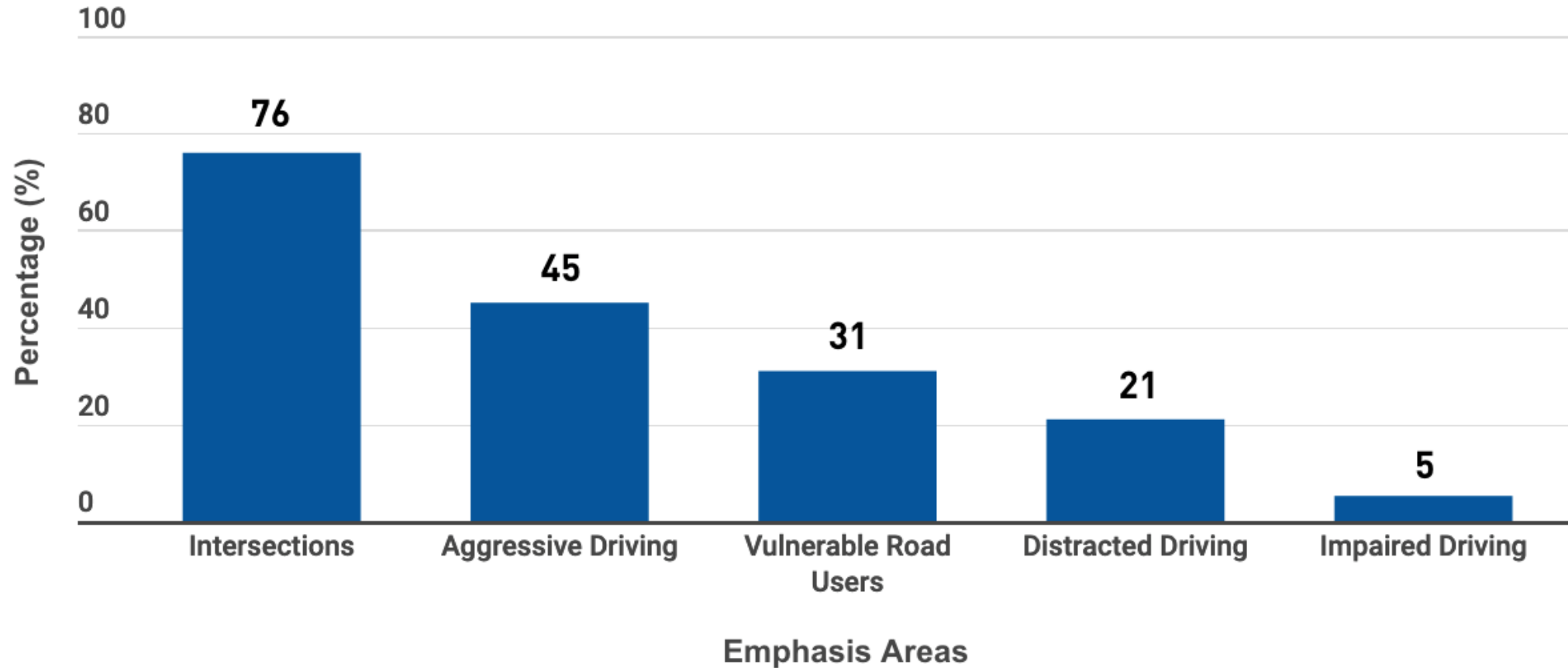
## Collisions in York Region (2015 to 2023)

# Vulnerable Travellers Sustain Highest Percentage Of Injury Or Death



**Severe Collisions in York Region by Travel Mode (2015 to 2023)**

# Emphasis Areas To Improve Safety



**Severe Collisions in York Region by Emphasis Area (2015 to 2019)**

# Countermeasures To Reduce Severe Collisions



**Engineering**



**Enforcement**



**Education**

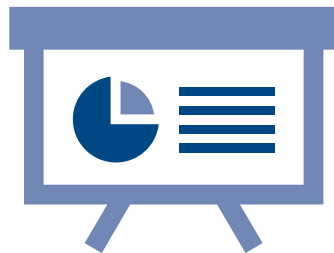


**Engagement**

Countermeasures were selected based on:



**Effectiveness**



**Feasibility**

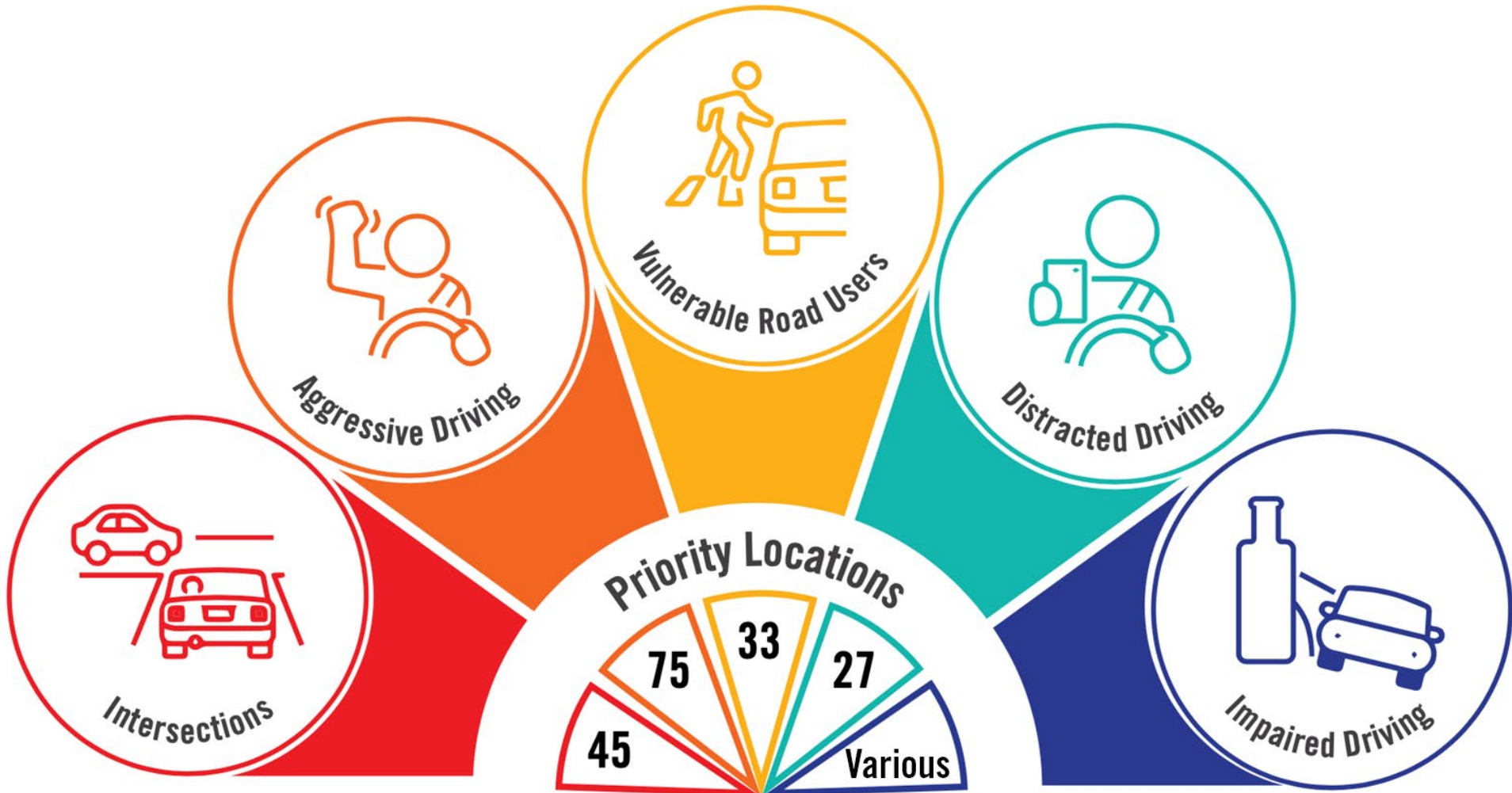


**Time frame**

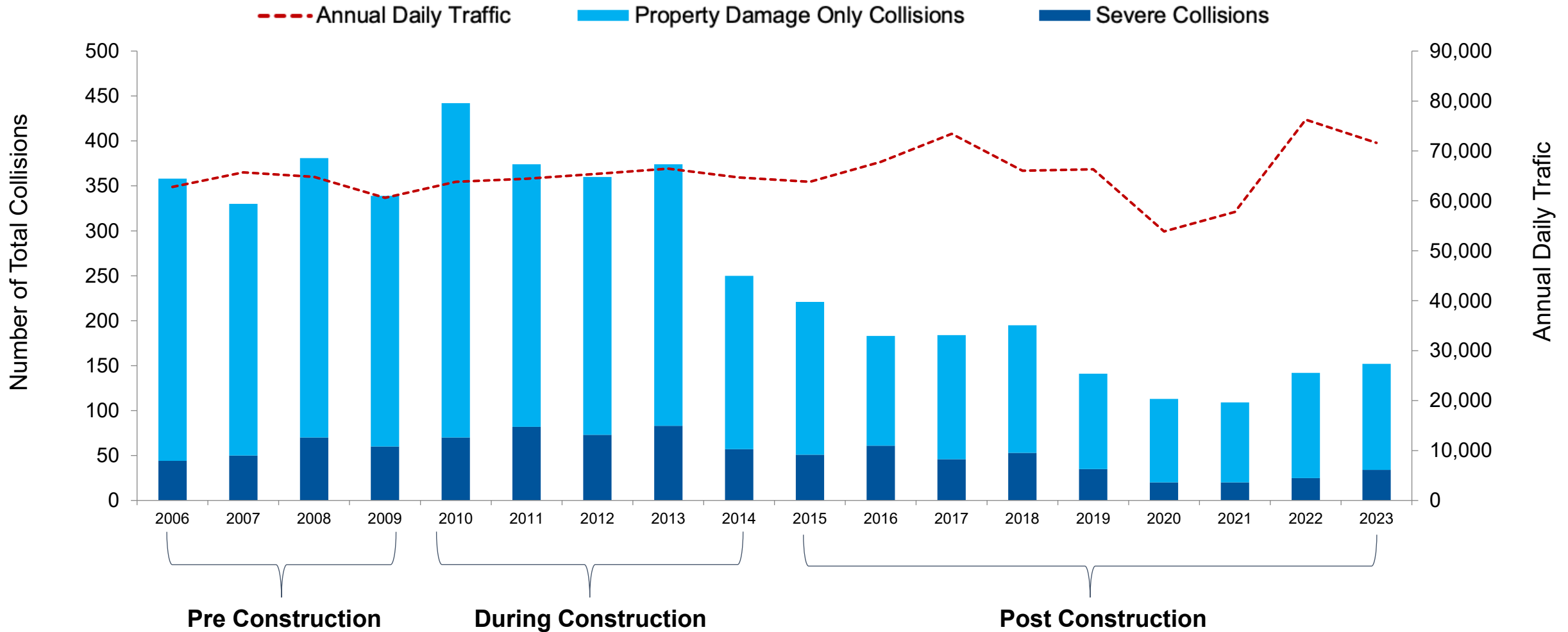


**Collaboration**

## Emphasis Areas



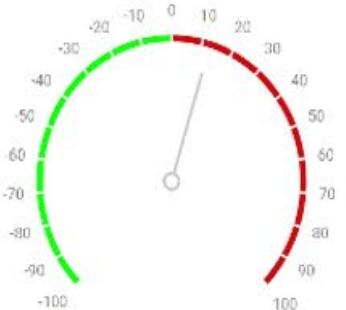
# Collisions Have Decreased By 55% Since Completion Of Bus Rapidway



**Collisions Along Highway 7 East (2006 to 2023)**

# Web-based Data Warehouse: Vision Zero Dashboard

## Intersections



↓ Setback: -13%

## Vulnerable Road Users



↓ Setback: -14%



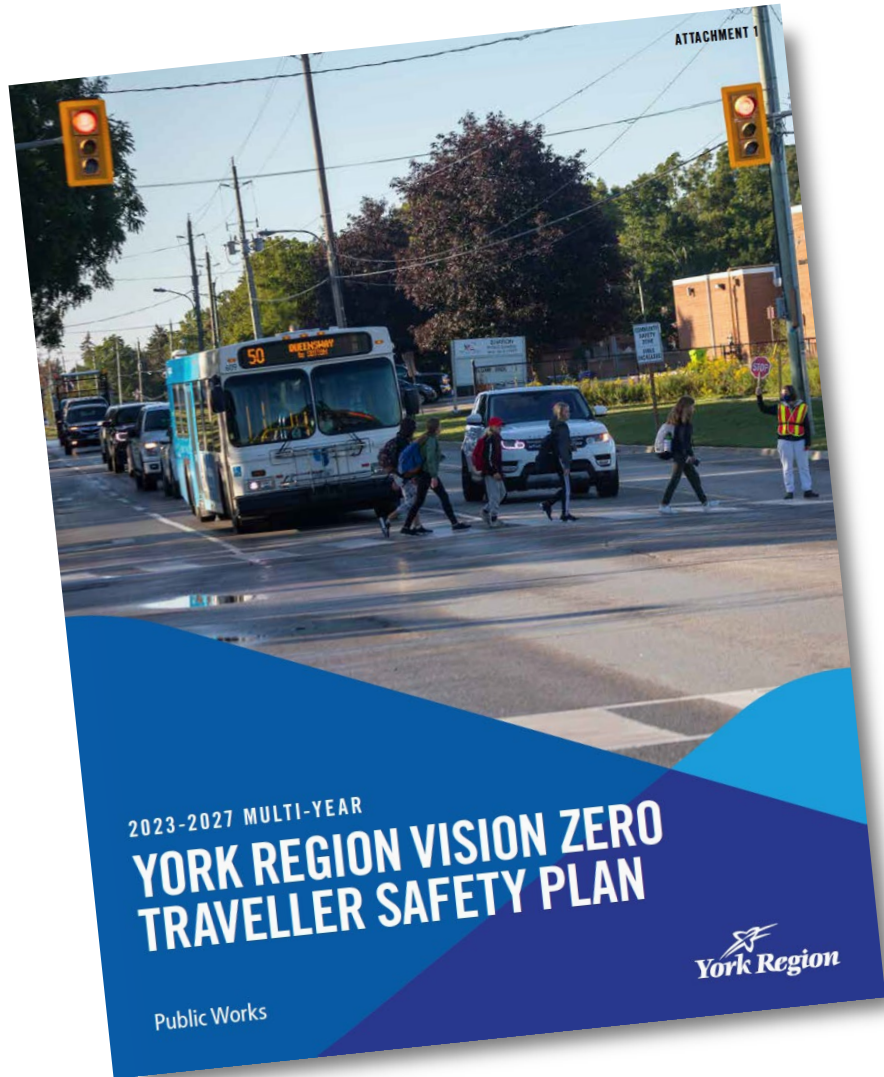


# Successful Plan Requires Resources, Evaluation And Monitoring

- Progress and results reported to Council Annually
- Estimated annual budget approximately \$12M
  - 90% integrated in existing capital budgets
  - 10% funded by automated enforcement and red-light camera revenues to manage operating budget pressures
- No additional budget required in 2024
- Future budget may be considered as part of the annual budget process



# Recommendation



Council approve York Region Vision Zero Traveller Safety Plan, included as Attachment 1 to the supporting report before you today.

# Thank you

## **Joseph Petrungaro**

Director, Roads, Traffic and Fleet,  
Public Works

[Joseph.Petrungaro@york.ca](mailto:Joseph.Petrungaro@york.ca)

## **Nelson Costa**

Manager, Traffic Safety and  
Signal Operations, Public Works

[Nelson.Costa@york.ca](mailto:Nelson.Costa@york.ca)

## **Todd Snooks**

Constable, York Regional Police,  
Traffic Bureau

[yrp.ca](http://yrp.ca)