

Vision Zero Action Plan

Committee Presentation
2021



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What is Vision Zero?

- The Vision Zero approach to road safety seeks to eliminate fatalities and serious injuries in our transportation system, because no loss of life is acceptable
- People make mistakes and the transportation system needs to be designed and operated in a way that caters to human error in order to eliminate fatalities and serious injuries
- Prioritizes safety by creating safer roads, slowing speeds, educating people and enforcing laws to support safer behaviour on the roads
- Data driven decision making guides Vision Zero portfolio

The 5 E's of Road Safety

- Evaluation
- Engineering
- Enforcement
 - Empathy
 - Education

Vision Zero



Street Lighting

Traffic Calming

Cycling Infrastructure

Construction Management

Bus Stop/Terminal Location

Automated Speed Enforcement

Pedestrian Crossover

At-Grade Rail Crossings

Asset Management

Education

Signal

Right of Way Design

Environmental Assessments

Speed Reduction

Winter Maintenance

Pavement Markings

Data Collection/Analysis

On-Street Parking Location

Action Plan Summary

Separated into actions by the 5 E's

- Evaluation
- Engineering
- Enforcement
- Education and Empathy

99 Actions in total, separated in to “currently considered”, “initiated”, “short” (1-2 years) and “medium” (3-5 years)

Audience: Staff, Council, Public

Evaluation

- Collision Report Processing
- Data Management Plan
- Online Dashboard
- Road/Intersection Safety Audits
- Project Follow Up
- Developing a Target for Collision Reduction
- Annual Report to Council

Engineering (part1)

Design

- Lane Widths
- Design Speed
- Remove Channelized Right Turns
- Protected and Dedicated Cycling Infrastructure
- Road Diets

Retrofit/Reconstruction

- Neighbourhood Speeds
- Traffic Calming
- Mobile Speed Boards
- Truck Aprons
- Limit Vehicle Access Points
- Limit new All Way Stops

MiWay

- Limit mid-block bus stops
- Queue Jump Lanes
- Red Plastic Pavement
- Reduce Mixing Zones

Engineering (part1)

Design

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Engineering (part 2)

Lighting

- Upgrade Lighting

- Enhanced Lighting at Intersections

- Lighting at Trail Crossings

Signals

- Leading Pedestrian Intervals

- Turn Calming Program

- Mid-block Signalized Pedestrian Crossings

Operations and Maintenance

- Winter Maintenance

- Pot Hole Repairs

- Street Sweeping

Studies, Plans and Policies

- Arterial Speed Management Study

- Construction Management Plans

- Changing Lanes Implementation

Enforcement

Automated Speed Enforcement

- Program Growth
- Expanded Capacity
- Reinvest funds into Road Safety

School Bus Cameras

Red Light Cameras

Partnerships with Peel Regional Police

Education and Empathy

Education and Engagement Strategy

Cohesive Campaigns and Signage

School Travel Programs

New Infrastructure/Road Safety Project Communications

Road Safety Public Survey

Vision Zero Memorial

Equity

There is evidence to suggest that often communities most in need are also least likely to report collisions, injuries or other serious concerns. They may not have the same access to their local representatives, the same amount of time to allocate to voicing their concerns and providing their input, or the belief that they will be heard to the same degree if they present an issue. Vision Zero efforts must account for this and look for opportunities with equity at the forefront of decision making.

Next Steps

Present to other Committees for feedback

Final round of feedback from staff

Present to General Committee in mid-late fall

Thank You!

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