

Vision Zero in Peel

**A partnership between Public Health and
Public Works**

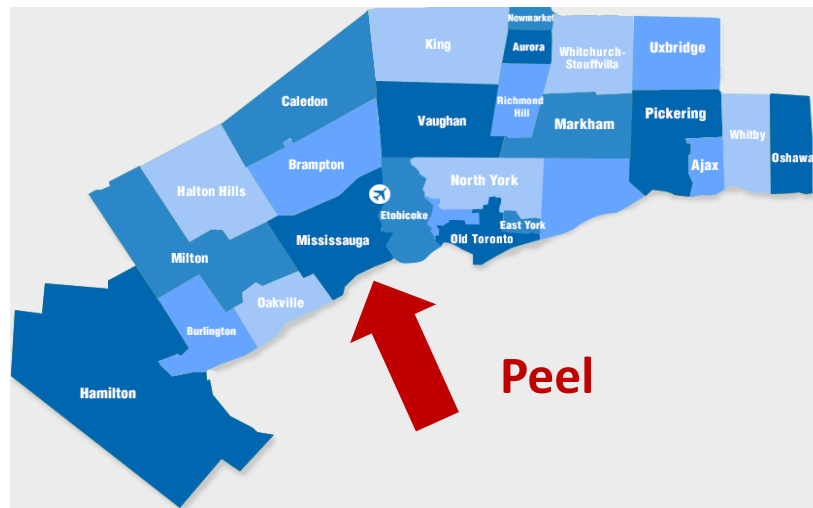
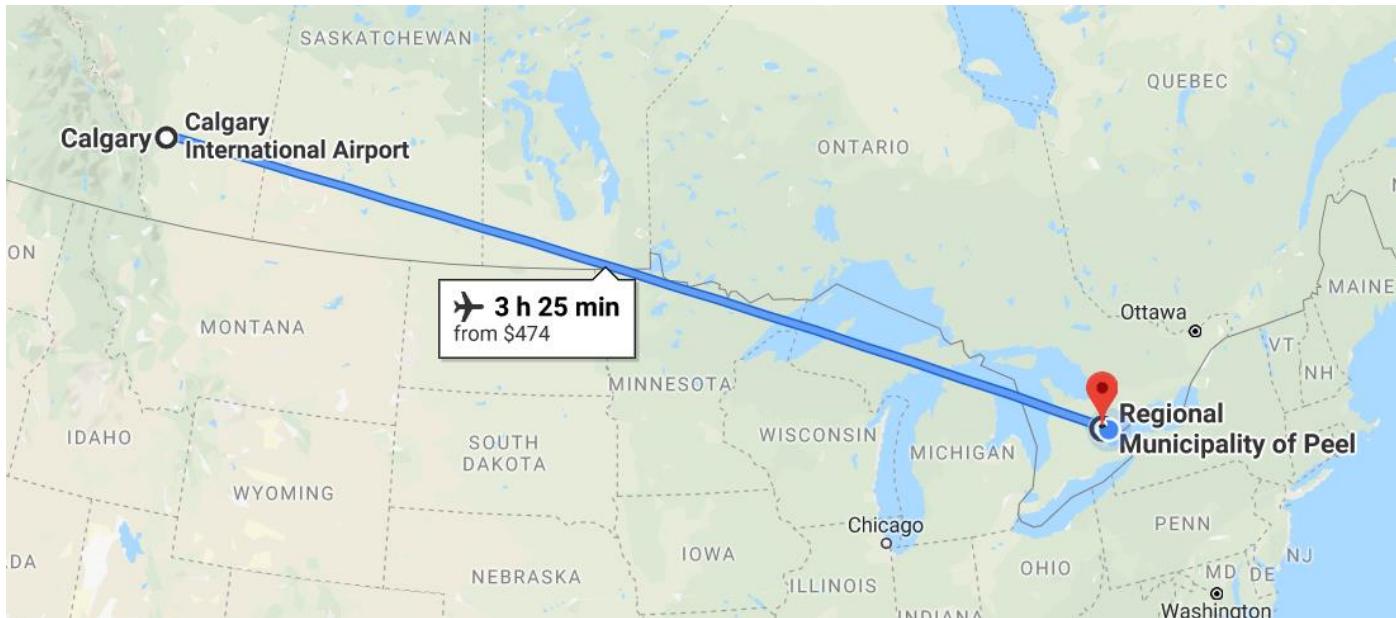
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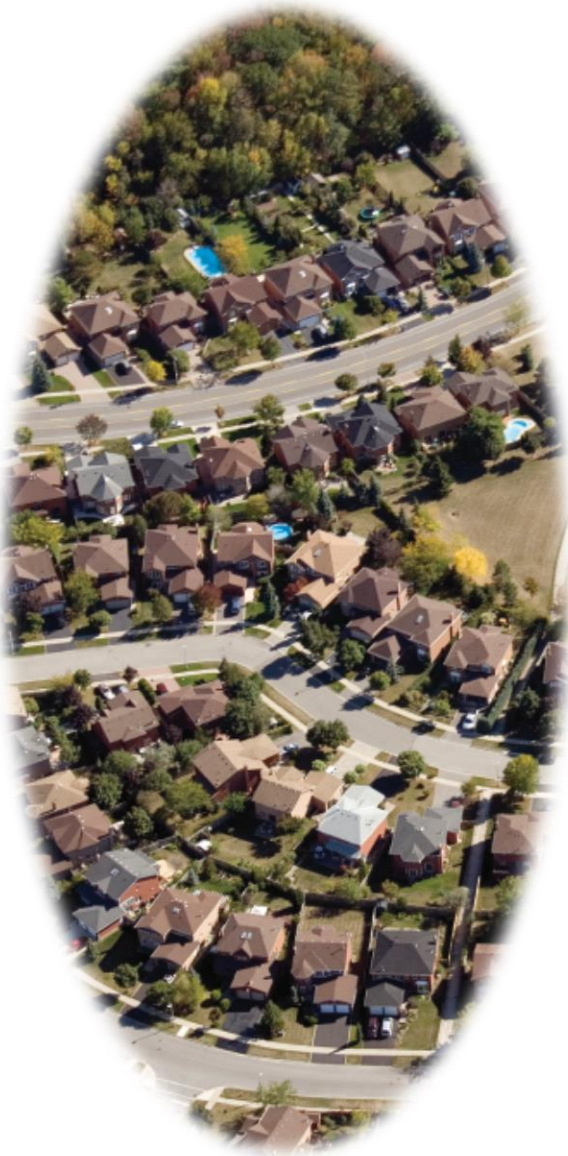
Where is Peel?



About Peel



- 1.36 million people
- Over half of Peel's population (50.5%) report being born outside of Canada
- 1 in 4 adults over 65 yrs. of age by 2041
- Mix of urban, suburban and rural
- Dominated by low density, car centric development



Peel's Road Network

- **28** Regional roads
- **Seven** 400-series highways
- Canada's **busiest** airport
- **Three** major transit agencies
- **Two** intermodal facilities
- **Approximately half** of weekly truck trips in Ontario occur in Peel



The Challenge of Growth

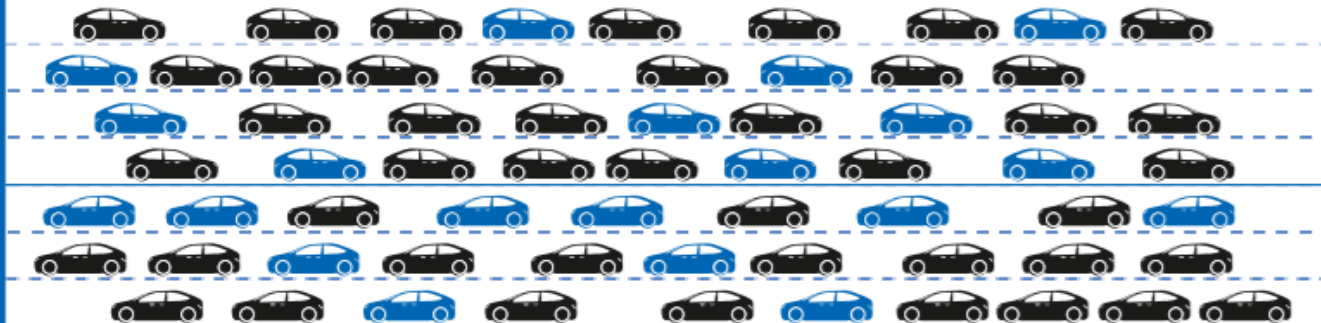
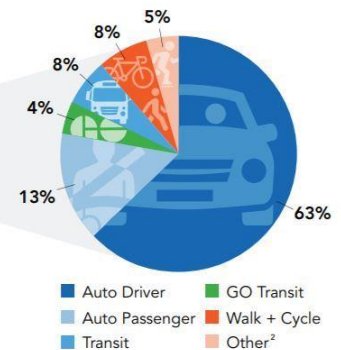
If current travel habits remain unchanged...

the number of cars using Peel's roads every weekday morning peak period would increase by

45% or
190,000 vehicles



AM Peak Trips
in Peel Region:
660,200
(27% of Daily Trips)



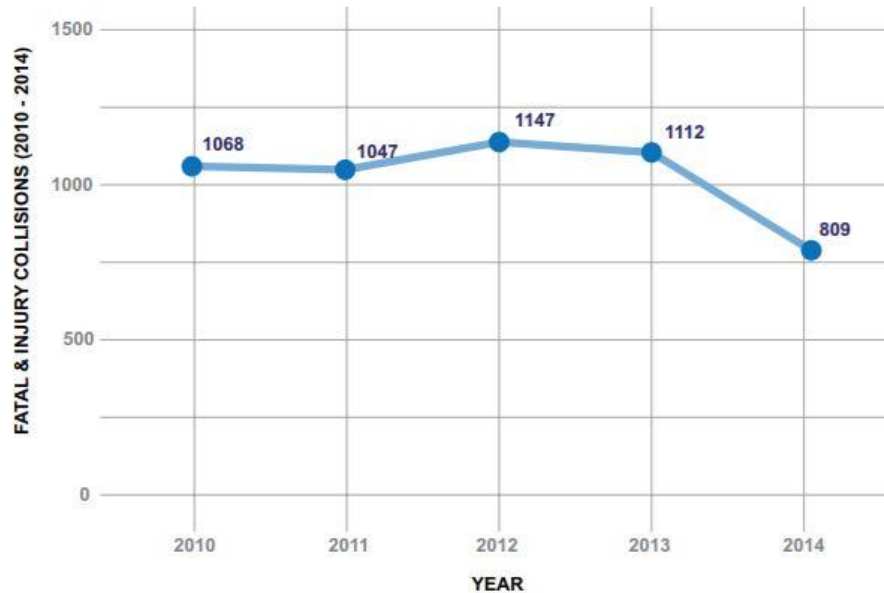
= 10,000 vehicles

Transportation and Public Health Concerns

- Increased traffic congestion
- Declining rates of walking/cycling as a percentage of mode share
- High rates of chronic disease (e.g., diabetes)
- Poor air quality
- Prevalence of MVC injuries and fatalities



Fatal and Injury Collisions per Year on Regional Roads



NOTE: The drop in 2014 collisions is estimated to be a result of the migration to the new e-collision system. The noted drop in collision applies to each graph throughout this report.

Since 2012, Peel Regional Police has reported on average^{3,4} ...



34% of traffic fatalities are **Pedestrians.**



29% of traffic fatalities are **Drivers.**



6% of traffic fatalities are **Cyclists.**

Strategic Alignment

Provincial Growth Plan

- Complete communities designed to support healthy, active living

Metrolinx Transportation Plan

- Sustainable and healthy communities

Ontario Public Health Standards

- Monitor and report on injury prevention and road safety

Peel Region Official Plan

- Promote healthy and age friendly built environments
- Achieve safe, convenient, efficient movement of people and goods

Peel Region Strategic Plan

- Focus on healthy built environments ('Thriving')

Peel Public Health Strategic Plan

- Focus on supportive environments for healthy living

Long Range Transportation Plan

- A sustainable, efficient, integrated and safe transportation system

Sustainable Transportation Plan

- 50% of trips made by sustainable transportation

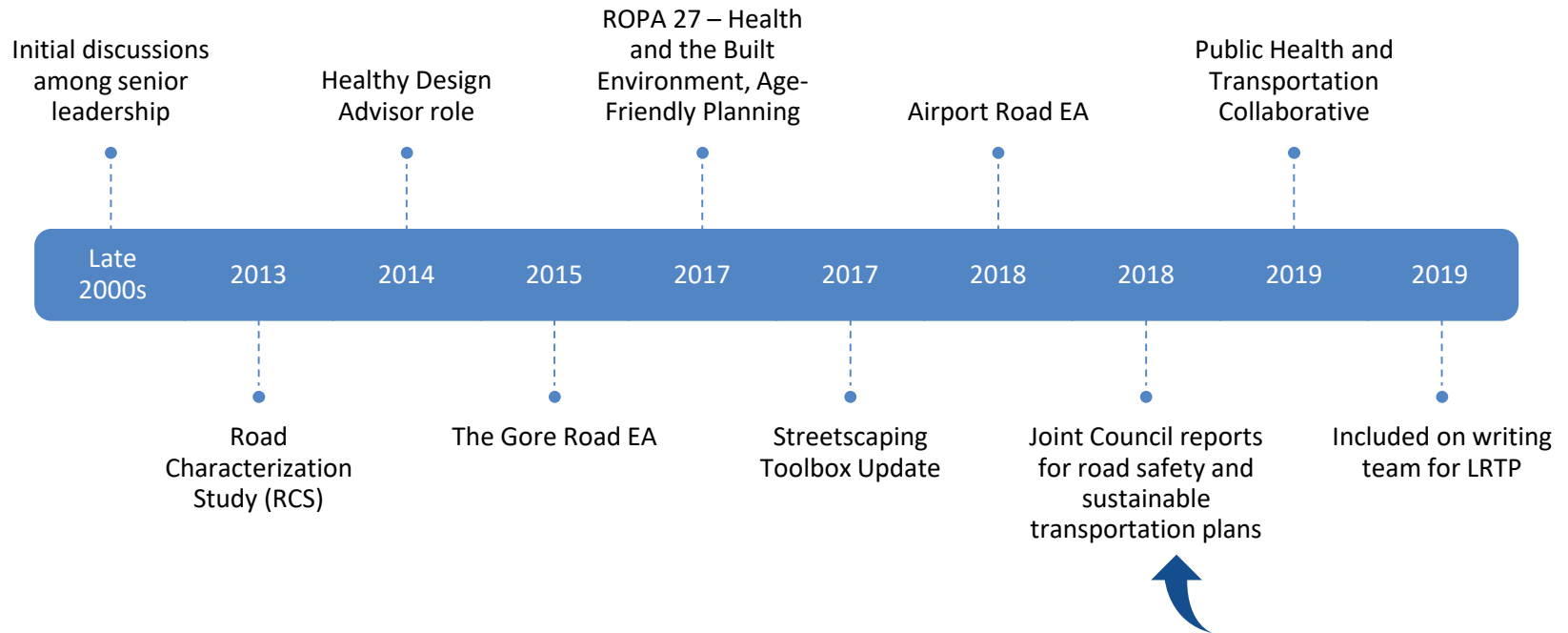
Road Safety Strategic Plan

- 10% reduction in fatal and injury collisions

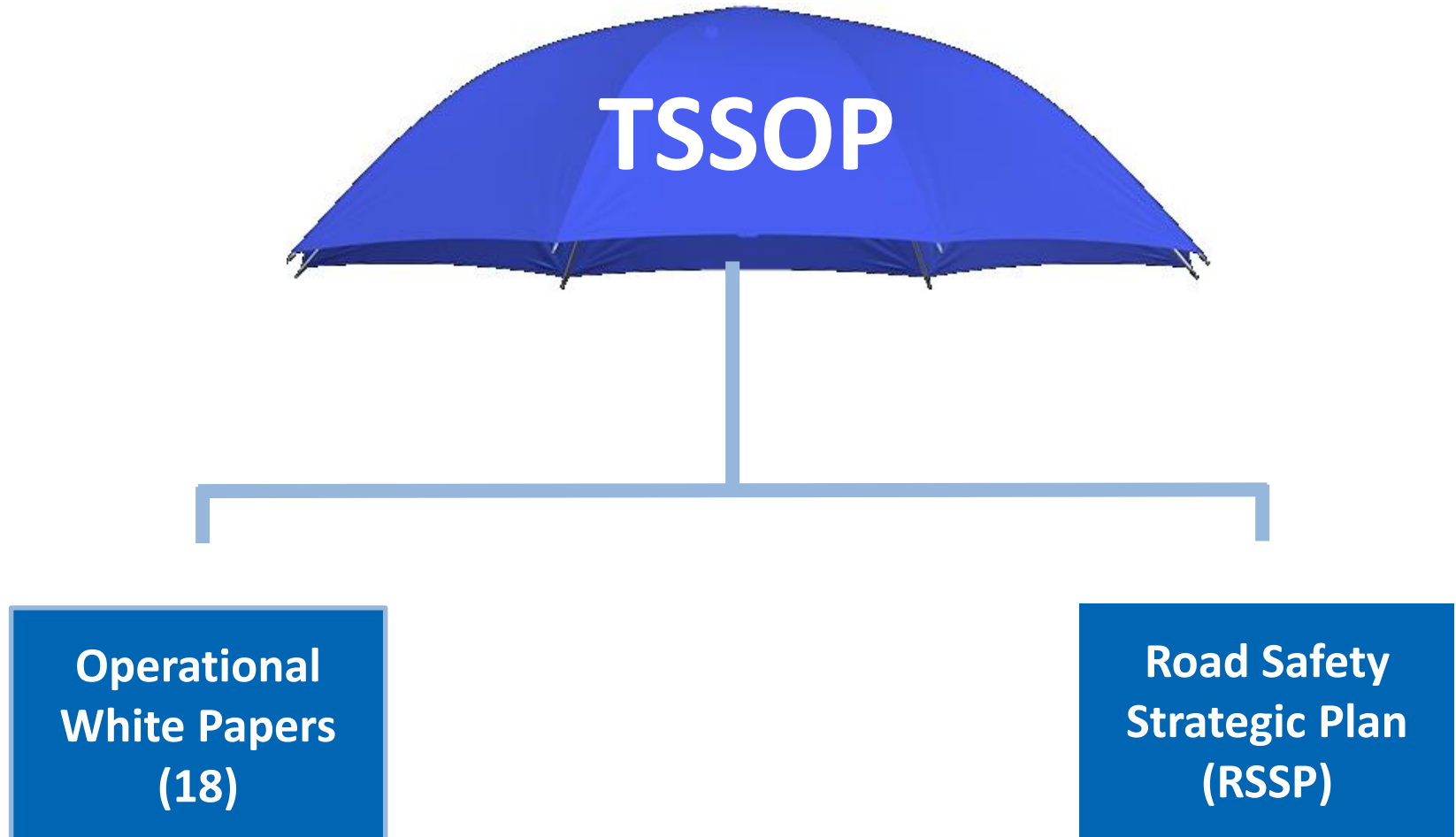
Goods Movement Strategic Plan

- Reduce average travel time in high congestion areas

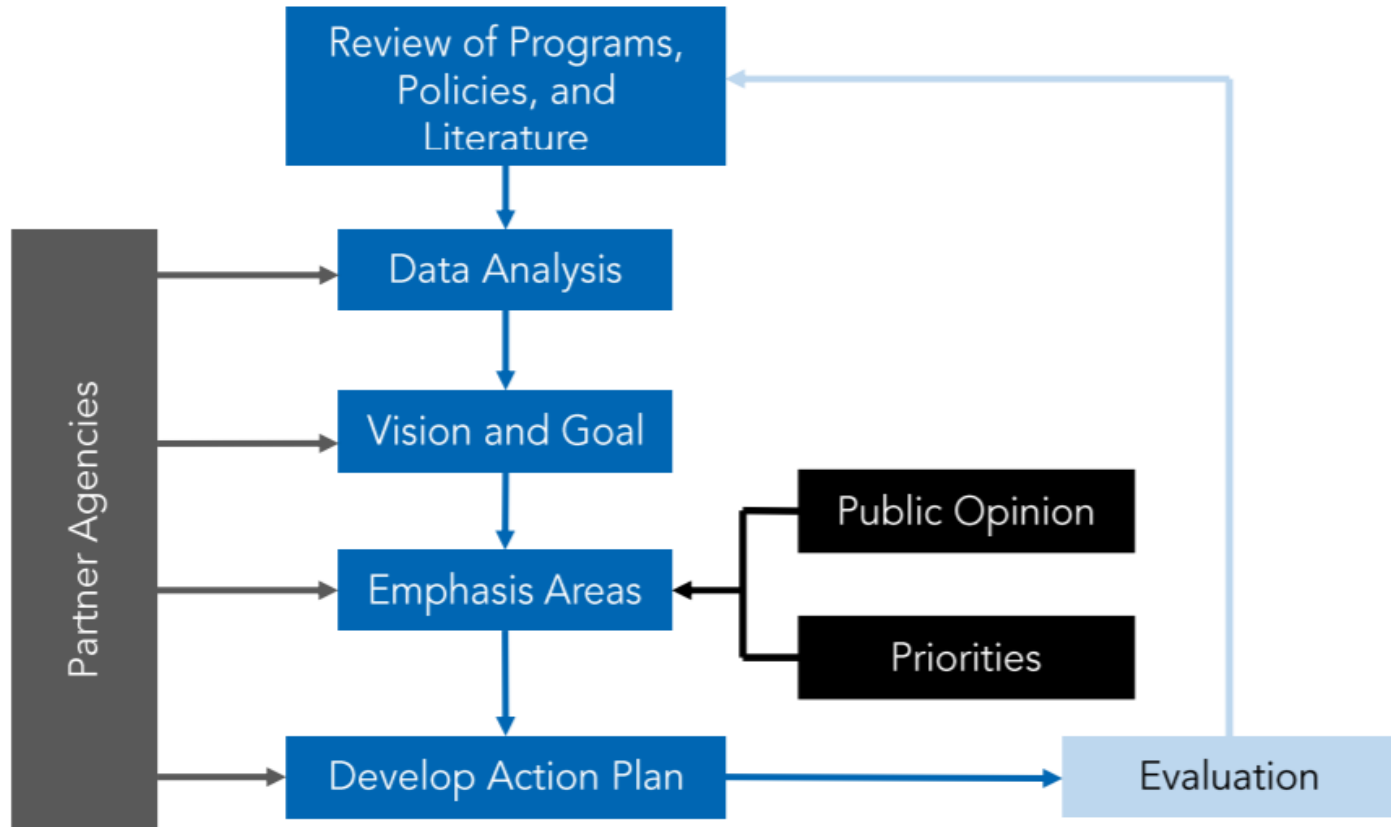
Transportation and Public Health – Working together



Transportation Safety Strategic and Operational Plan (TSSOP)



Developing the Road Safety Strategic Plan





The Vision

Zero fatal and injury collisions for all road users.



The Goal

10% reduction in fatal and injury collisions by 2022.



1. Intersections



2. Aggressive Driving



3. Distracted Driving



4. Impaired Driving



5. Pedestrians



6. Cyclists

Awareness Areas:



Trucks: selected because they account for, on average, of 25% of the total vehicular volume on Regional roads.



School Zones: selected to ensure safety in and around school zones.

Countermeasures

- 109 countermeasures
- 4 E's
 - ✓ Engineering
 - ✓ Enforcement
 - ✓ Education
 - ✓ Empathy

Key Activities for 2019

- Co-chair Vision Zero Taskforce and subcommittees
- Joint monitoring and reporting
- MVC trend analysis
- In-service road safety audits
- Traffic safety culture framework



Working in Partnership

- Advantages
 - Political support
 - Align priorities and pool resources
 - Utilize diverse skills and perspectives
- Challenges
 - Balancing conflicting priorities and pressures
 - Making Vision Zero ‘everyone’s business’
 - Perception of PW and PH





Recommendations

- Start talking early, build trust and learn how road safety decisions are made
- Ensure PH and other key partnerships are included in the RFP process
- Develop joint processes for monitoring and analyzing serious and fatal collision data
- Align Vision Zero with other priorities (e.g., sustainable transportation, climate change, transportation demand management, chronic disease prevention)



Questions?



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