

Neighbourhood Traffic Safety Action Plan 2017

Priorities Committee Meeting
May 16, 2017

**Transportation Planning & Engineering
Transportation & Agriculture Services
RCMP and Enforcement Services**

Traffic Safety Strategic Plan 2020

"No one will be killed or seriously injured while travelling on Strathcona County's road network"

Fundamental Principles Vision Zero

- Traffic deaths and severe injuries are acknowledged to be preventable
- Human life and health are prioritized within all aspects of transportation systems
- Acknowledgement that human error is inevitable, and that transportation systems should be forgiving

Fundamental Principles Vision Zero

- Safety work should focus on systems level changes above influencing individual behavior
- Speed is recognized and prioritized as the fundamental factor in crash severity
 - $\text{Energy}_{(\text{Kinetic})} = 1/2 \text{ mass} \times \text{velocity}^2$

To Implement Vision Zero...

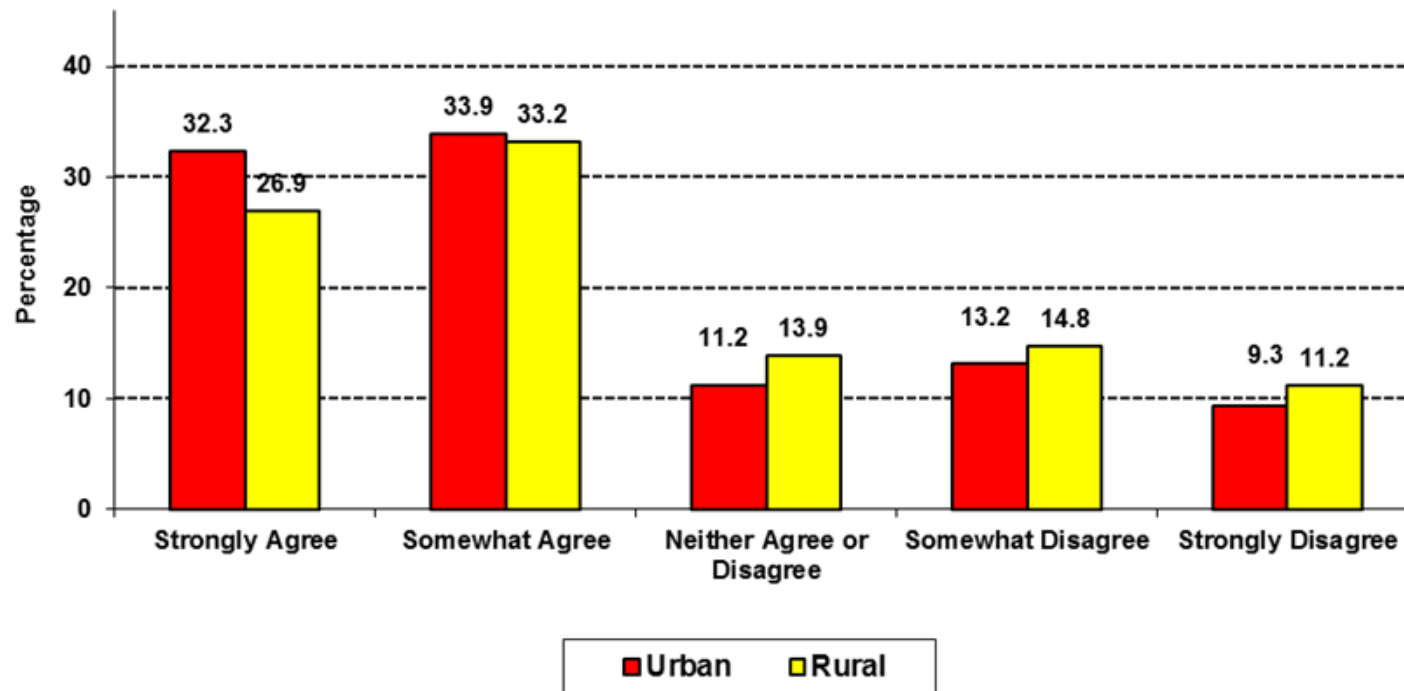
- Build and sustain leadership, collaboration and accountability
- Collect, analyze and use data
- Manage speed to safe levels
- Prioritize equity and engagement
- Lead with roadway design that prioritizes safety
- Maximize technology advances, but don't overlook low-tech solutions

Why a Neighbourhood Traffic Safety Strategy?

- In the last 10 years (2007- 2016)
 - 60 fatal collisions
 - 1 residential
 - 59 arterial
 - 347 major injury collisions
 - 18 (5%) residential

Resident Perspective

“Traffic safety is a concern in my neighbourhood” – TSS 2015



Purpose of Action Plan

- Identify some concrete actions that can be taken to address ongoing concerns with residential traffic
 - actions that will be sustainable and effective in meeting resident expectations for neighbourhood safety

Development of Action Plan

- First draft was developed based on:
 - History of resident concerns
 - 2013/2015 Traffic Safety Survey results
 - Input from previous traffic calming initiatives
 - Best practice

Focus Groups

- 56 residents
 - 16 urban neighbourhoods
 - two rural hamlets
 - rural subdivision
- Input was used to finalize the NTSAP 2017

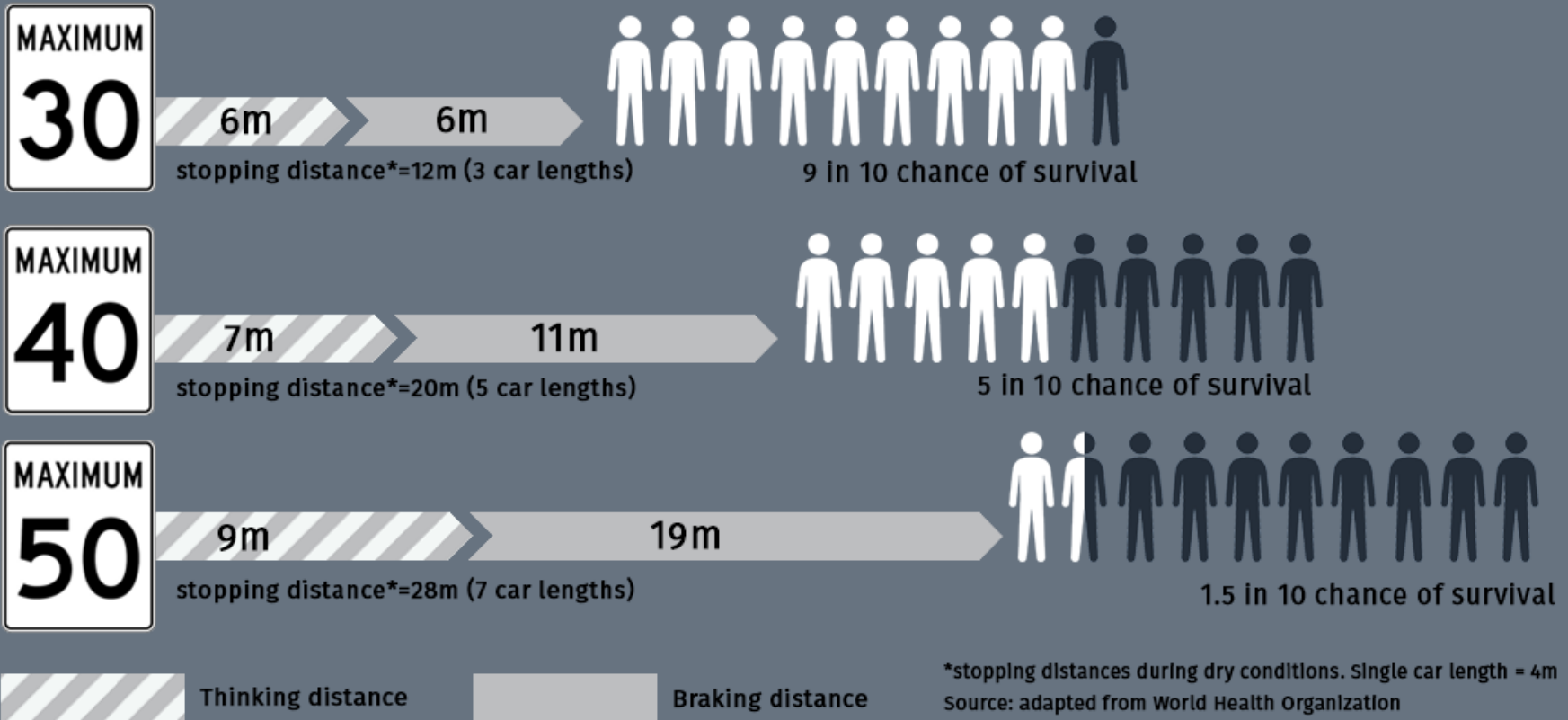
Safe

Secure
Safespeed
Design
Organic
Fluid
No-Stalling
Planning
Speed
Harmony
Respect
Peaceful
Courtesy
Accessible

Quiet
Effective
Environmentally-pleasing
Common-sense
Collision-free
Intergrated
Consistency
Walkable
Respectful
Calm
Local
Flow
Fast
Backwards
Quietness
Inefficient
Connected
Pedestrian-focused
Compliance
Aware
Convenient
Least-intrusive
A-lot-of-traffic
Movement

Relaxed
Noiseless
Efficient
Organized
Orderly
Fenced
Responsible
Awareness
Visable
Slow
Unobtrusive
Reasonable
Calming

Vehicle Speed, Stopping Distance, and Chance of Survival



NTSAP 2017

- Eight specific actions based on resident priority and best practice
- Realistic, sustainable and actionable with the goal of providing measureable improvement in the safety and livability of our neighbourhoods

Recommended Actions

- Action #1: Research a residential speed limit decrease, including the results from other jurisdictions who have implemented the practice to recommend a best course of action for our community.
- Action #2: Improve traffic monitoring on residential roads

Recommended Actions cont'd

- Action #3: Upgrade pedestrian facilities at multiuse trail crossings, playgrounds, schools and key pedestrian corridors. Include physical traffic calming features in conjunction with scheduled rehabilitation as appropriate

Recommended Actions cont'd

- Action #4: Formalize communication between RCMP/ES, TPE, and TAS to facilitate data sharing, as permitted by law
- Action #5: Consider alternative resourcing and delivery models for residential traffic enforcement

Recommended Actions cont'd

- Action #6: Expand the Driver Feedback Sign Program
- Action #7: Update the Traffic Safety Communication Plan
- Action #8: Engage residents to develop new and innovative ways to get neighbourhoods involved in residential traffic safety

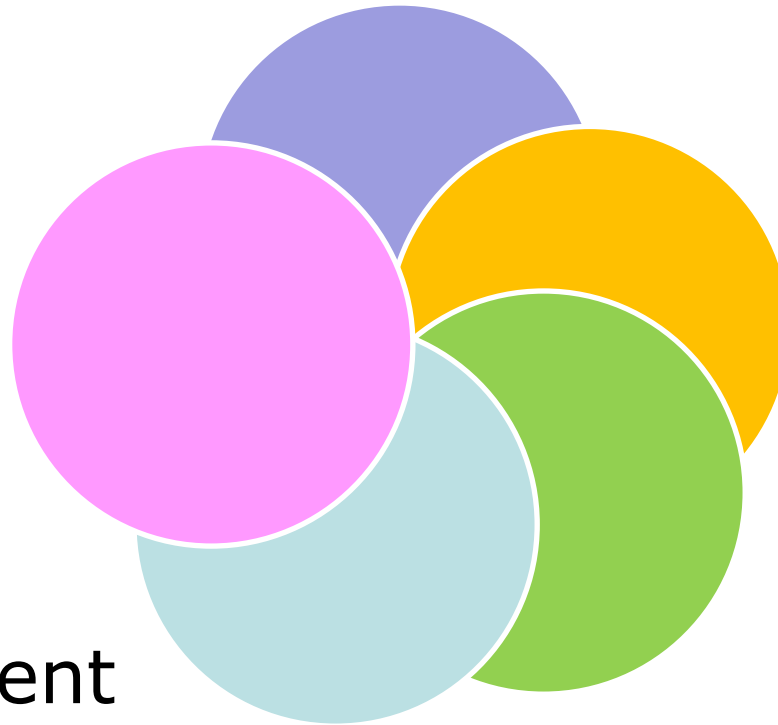
Engineering

Evaluation

Enforcement

Education

Engagement



Neighbourhood Traffic Safety Campaign

- May 13-22
- Engaging residents to develop messages, plan the campaign and participate in its implementation
- Innovative messaging approach
- Coordinated enforcement component
- New way of doing targeted education

Neighbourhood Traffic Safety Action Plan Development

Questions?