The Evolution of Surrey’s Safe & Active Schools Program
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2016 CITE Conference
City of Surrey
Safe Operational Reviews
New & Improved Infrastructure
Speed Management Pilot

Active
School Travel Planning
Bike Education
Events & Promotion
Program Objectives

• Create a safe and friendly environment for children and teenagers to walk or cycle to school
School Safety & Operational Reviews

K.B. Woodward Elementary School
School Safety and Operation Review

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The following report is one in a series of reviews undertaken by D.C. Dean Associates Inc. on behalf of the City of Surrey on the schools within School District 26. The purpose of the review is to identify the road safety issues both on the school site and on the adjacent roads, identify short and long-term mitigation measures for consideration, and recommend further study, if deemed necessary. The report will be provided to both the City and the School District for their consideration of implementing the recommendations as funding permits. The School District is encouraged to discuss the recommendations with the City to foster a coordinated effort to improve safety around the school.

### Issue 1
**Pick-Up / Drop-off on 106th Ave**
Pick-up and drop-off activity occurs along both sides of 106th Ave in front of the school even though stopping is only allowed on the south side. Parents also ignore the posted "No U-Turn" sign and the "No Stopping" signs in proximity to the school parking lot driveway and bus zone on the south side of the road. As a result, congestion, illegal parking, unsafe turning movements and jaywalking occur in front of the school.

### Issue 2
**Speeding traffic along 106th Ave in the 30km/hr school speed zone**
106th Ave is a straight local road that provides east-west access between 132nd & 133rd St. Speeding, especially during non-peak hours, is a concern due to the presence of the school and adjacent parkland to the west, as well as the limited visibility caused by hedging along the school boundary.

### Issue 3
**Visibility of the 30km/hr School Speed Sign on 106th Ave for westbound traffic**
The existing speed sign is obstructed due to overhanging foliage.

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Figure 1: School Catchment Boundary

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City of Surrey
the future lives here.
Implementation

- Increased priority given to schools but no new funding
- 645 projects since 2010 ($15 million)
  - 240 signage projects
  - 220 crosswalks and/or curb bulges
  - 50 sidewalks
  - 80 traffic calming projects
  - 55 other projects
Traffic Calming

Cedar Hills Elementary

Forsyth Road Elementary
Parking

Cambridge Elementary

Fraser Wood Elementary

Newton Elementary
Pick-Up/Drop-off Areas

Henry Bose Elementary

Before

After

Forsyth Road Elementary

Before

After
School Travel Planning

City works with 3-5 schools per year to:

- Improve road safety
- Overcome barriers
- Celebrate
How Does STP Work?

1. Create Your Team
   Assemble a team of people who are passionate about walking, cycling and traffic

2. Assess the Situation
   Understand existing behaviours & attitudes (e.g. surveys, walkabout)

3. Determine Your Vision and Goals
   Describe what your school will look like once you’ve achieved success

4. Identify and Implement Your Action Plan
   Identify and implement actions that will help you achieve your goals (5 E’s)

5. Track Your Progress
   Compile quantitative and qualitative information, measuring goals and actions
Who Is Involved?

Surrey RCMP Traffic Services
City of Surrey Transportation Division
City of Surrey Bylaw Enforcement
ICBC
Surrey School District
TransLink TravelSmart Program
Fraser Health Healthy Built Environment Program
UBC Centre for Hip Health & Mobility
TransLink TravelSmart Program

Think of me. Please, slow down!

Safe & Active Schools Program
City of Surrey
Bike Education

All gr. 4/5 students with classroom and on-bike sessions
Walk & Roll Week

Celebrates & encourages active travel

30+ schools participated in 2015
Measuring the Impact of SASP

- **Multiple methods**
  - STP surveys
  - Bike education surveys
  - Stakeholder feedback
  - Anecdotal stories

- **More than mode share**
  - Sense of community
  - Student attentiveness
  - Population health

“As a parent in the neighbourhood, it’s great to see such a positive impact resulting from our efforts to make our community safer for our children” – Surrey parent
Centre for Hip Health & Mobility

- Study evaluating influence of SASP models on:
  - Transportation choices
  - Children’s fitness
- School travel → up to 30% daily physical activity
Successes

• Broad reach leading to change in culture
• More than “just transportation”
• Improved understanding
Modal shift doesn’t happen overnight

• Multi-year programs more successful
Conclusions

- Different culture at each school
- Custom approach more effective than one-size fits all
Thank You

• www.surrey.ca/transportation
• transportation@surrey.ca