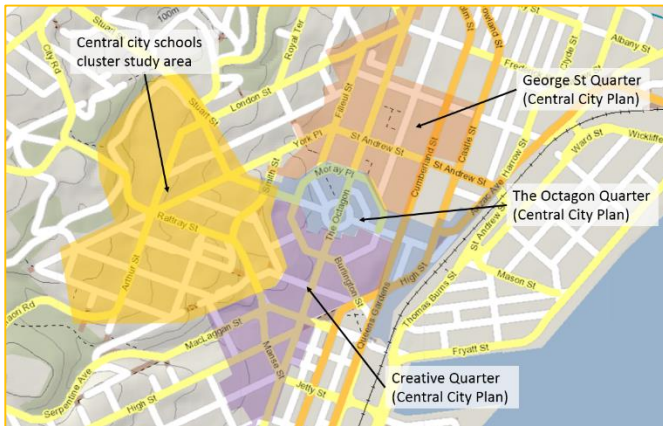


# DUNEDIN CENTRAL CITY SCHOOL CLUSTER

*Dunedin City Council and VIASTRADA conducted an area-wide approach to addressing road safety issues around five central city schools*



# MOTIVATION

- Road safety risk assessment
  - Desktop comparison of all NZ schools
- Dunedin central cluster (2700 pupils):
  - St Joseph's Cath. Sch: **High risk**
  - Arthur Street School: **High risk**
  - Otago Girls High: **Medium-High risk**
  - Kavanagh College: **Medium-High risk**
  - Otago Boys High: **Medium-High risk**
- Ongoing concerns voiced by schools
- High parking demands
  - Schools, residents and commuters

# Quick wins & Trials – “paint, planters & posts”



*Rattray St - artist impression*

- From the outset, a main driver for all the schools was to actually see some action on-site. They were not interested in waiting years.
- We wanted to check how effective the measures were and if we had chosen the best location before spending \$\$



*Smith St gateway - installed*

# PROJECT PROCESS

Sept 17

- Data collection
- Stakeholder engagement/defining issues

Oct 17

- Options assessment
- Schools workshop to discuss options

Nov 17

- Concept design
- Stakeholder consultation

Dec 17

- Public consultation

Feb 18

- Council report
- Planning “trial sites” for quick wins

Mar 18

- Trial sites installed using markings, signs and flexible bollards
- 10 Gateways, 3 mid-block crossings and 4 intersection improvements (\$55k)

Jan 19

- Detailed design completed
- Stage 1 – Brown St Gateway and intersection improvement construction

# Central City Schools Cluster Area



## CODE LEGEND

- |   |                         |   |   |
|---|-------------------------|---|---|
|  | School speed zone       |  | Gateway threshold                             |
|  | Existing crossing       |  | Parking streets                               |
|  | Proposed new crossing   |  | Future intersection / crossing investigations |
|  | Crossing to be improved |   |   |

# TRIAL SITES – Brown Street/Elm Row



# Arthur Street Gateway



# Rattray Street Gateway





# Things learnt from trial

- Initially opposition from public as they find it hard to understand plans and descriptions.
- Following installation, first month many reports of motorists being confused and having to slow down going through gateways and crossings.
- Feedback after 6 months of trials, majority of users now understand the measures that have been put in place and are looking forward to “actual” installation and getting rid of ugly yellow posts.
- 2 Gateways have been slightly moved due to feedback and monitoring and additional intersection narrowing planned for one gateway.

# Feedback from key stakeholders

- Schools have been supportive, even more so following the fast installation of trial sites for “quick wins”
- By trialing options the public are more aware of what we're doing and why
  - They realise it's not permanent if not successful
- Speed surveys before and after have shown a slight reduction in speeds, between 2-5kmh.

# Brown Street/Elm Row – finished product (almost)



Stage 2-3 – Expecting to award contract this month– expected completion date Dec 19.



# DUNEDIN CENTRAL CITY SCHOOLS CLUSTER

Thank you for listening.