OTAGO PENINSULA

• Population – 4500
• Three Primary Schools
• Higher than average employment levels
• Higher than average vehicle ownership rates
• Limited public transport
• Tourism
  – Over 2 million visitors
  – 119 Cruise Ships 18/19
  – High proportion visiting the Peninsula

• Currently no safe pedestrian / cycle connections

• High accident rate
  – hazardous roadside features
  – geometric constraints
  – wide mix of road users
  – high traffic volumes on Portobello Road

Canadian tourist cyclist fights for life after crash (ODT - 14 Feb 2017)
Project commenced in 2008
Separated into 16 sections for planning and funding purposes
8 sections have been completed (some reconfiguration required)

Objectives
• Improve safety for all road users along the Peninsula Road
• Provide for walking and cycling along the Peninsula Road corridor
• Improve efficiency and travel time reliability along the route
STRATEGIC FIT

• Dunedin Integrated Transport Strategy 2013
  – 5 Objectives including
    • Resilience
    • Safety
    • Travel Choices

• Other DCC Strategic Objectives
  – Social Wellbeing (connected communities)
  – Economic Development (Tourism)
  – Parks and Recreation (connections)
ENGAGEMENT

- Professional Services contract awarded 2016
- Concept Designs Completed
- Community meetings held
- Challenges around community expectations
- Identify champions for the project
- Team up with a contractor that cares about the community
- Keep the conversation going
• Initial budget set
• Updated estimates double
• Overwhelming support to deliver this project
• Tender prices 150% of estimates
• Partnership approach between the team to deliver savings
KEY FEATURES

- Widened carriageway
- Shoulders
- Sufficient lane width for lane true tour coach shared path
- 3m shared path to Portobello Road
- 2.5m shared path to Harrington Point Road
- Off line bus stops
KEY FEATURES – CURRENT SECTIONS 2, 4, 8 AND 14

- Average 6m reclamation width
- 10.5km seawall (47,000m² being approx. 50,000t of hand placed facing)
- 240,000 m³ bulk fill
- 170,000 m² geotextile
- 2.7km culvert extensions
- 170,000 m² pavement
- 7000 separator blocks
KEY CHALLENGES - CURRENT SECTIONS

• Competing Priorities
  – Different Cycle Groups
    • Strong and fearless
    • Enthused and confident
    • Interested but concerned
  – Pedestrians
  – Tourists
  – Public Transport

• Future Proofing
  – Sea level
KEY CHALLENGES – CURRENT SECTIONS

• Receiving Environment
  – Rock Habitat
  – Water Quality

• Iconic Features
  – Bus Stops
  – Rock Outcrops
Questions?