



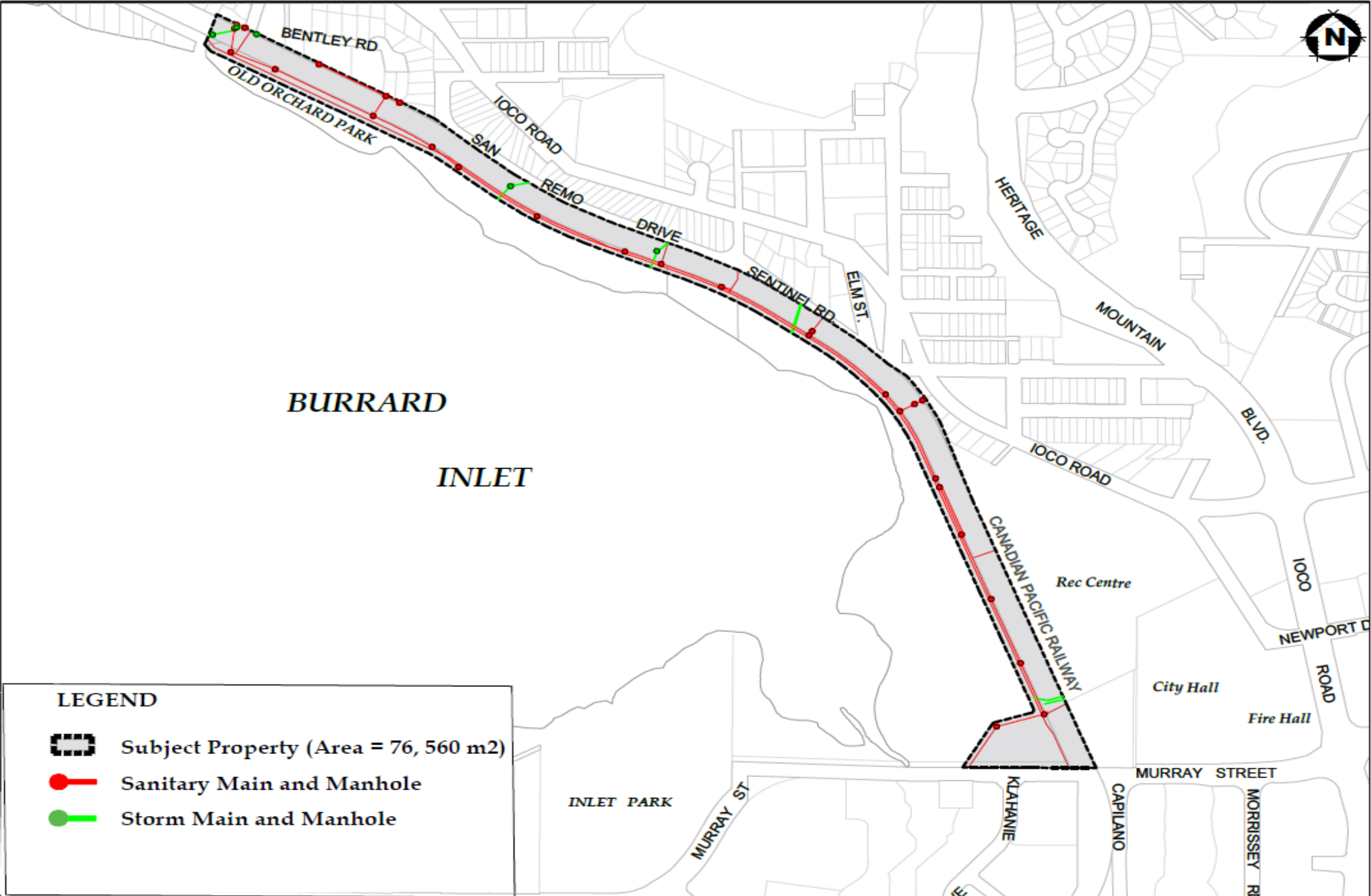
# Shoreline Trail Sanitary Sewer Upgrades Project

Public Information Session  
May 19, 2022






# Project Background

- Two sanitary sewer mains have reached end-of-life and are slated for rehabilitation
  - Gravity sanitary sewer main
  - Low pressure sanitary sewer main
- Shoreline Trail paved pathway to be rehabilitated at same time
  - Highly used for recreational purposes, increased use in 2020
  - Currently in poor condition (root heaves, drainage issues, etc.)
- This is a critical project



**BURRARD  
INLET**

**LEGEND**

-  Subject Property (Area = 76, 560 m<sup>2</sup>)
-  Sanitary Main and Manhole
-  Storm Main and Manhole

# Project Progress

- Consultant retained in January 2020 to complete options analysis and subsequent design
- Preliminary studies completed including:
  - Archaeological Study
  - Environmental Impact Study
  - Geotechnical Study
  - Construction Heron Monitoring Plan
- Numerous options were considered including re-routing the pipe through San Remo Drive, Sentinel Road, and Ioco Road

# Options Analysis - Sewer

Ten options were considered for rehabilitating the two sewers and included variations of the following:

- Re-alignment of the low-pressure sanitary sewer onto Ioco Road through San Remo Drive
- Conventional open-cut methods
- Trenchless rehabilitation methods



# Open Cut vs Trenchless



Trenchless installation  
15 - 6x3m pits



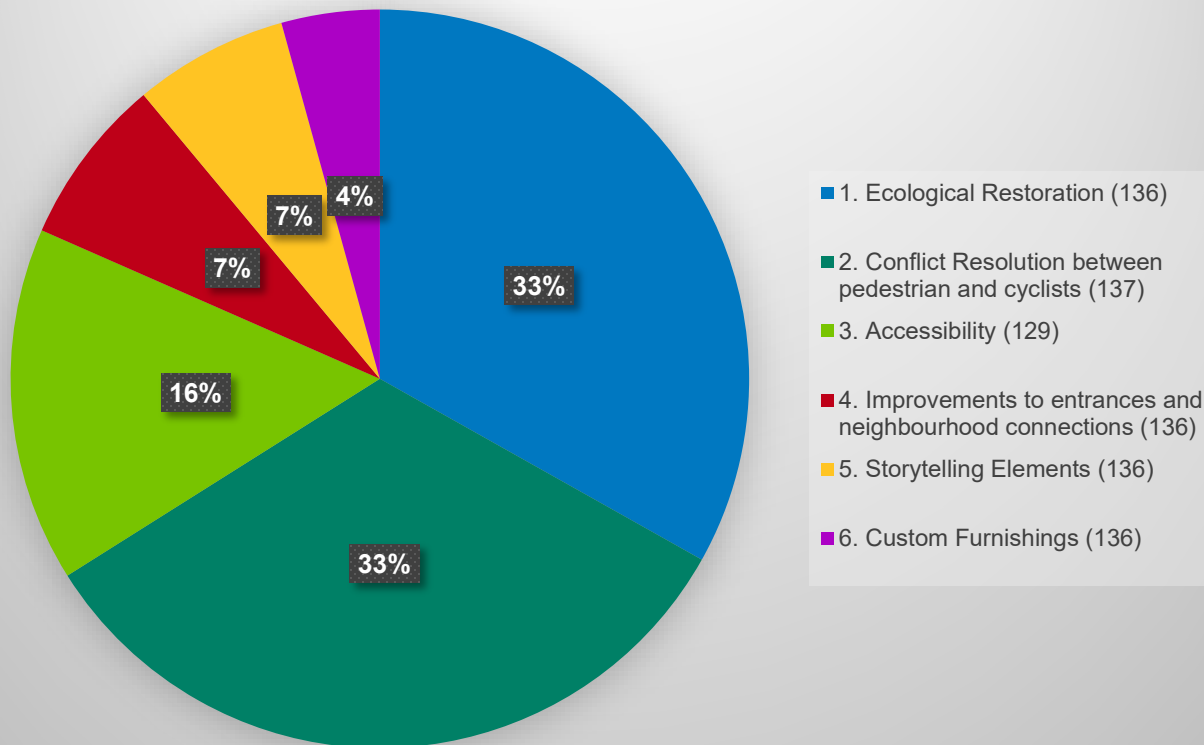
Open Cut installation  
~5m wide clear cut area

# Stakeholder Engagements

- Stakeholder and partner engagements were carried out with:
  - Parks and Recreation Committee
  - Environmental Protection Committee
  - Transportation Committee
  - Senior Focus Committee
  - Stewardship Group
  - HUB Tri-Cities Group
  - First Nations
- Key Feedback Items:
  - Important environmental features – impacts should be minimum
  - Existing pathway needs rehabilitation due to safety concerns with tripping hazards and drainage issues.
  - Pathway functions as a recreational facility – prioritize recreational users over commuters

# Public Engagement

## Survey Results - What kind of improvements to the trail would be most meaningful to the community?



- Held at Old Orchard Park on August 28 and 29, 2020
- Online survey asked the public to rate the proposed key features from most to least important
- Feedback indicated that majority values improvements to the pathway such as:
  - Widen where possible
  - Accessibility improvements
  - Fix drainage/root heaving issues
  - Ecological restoration



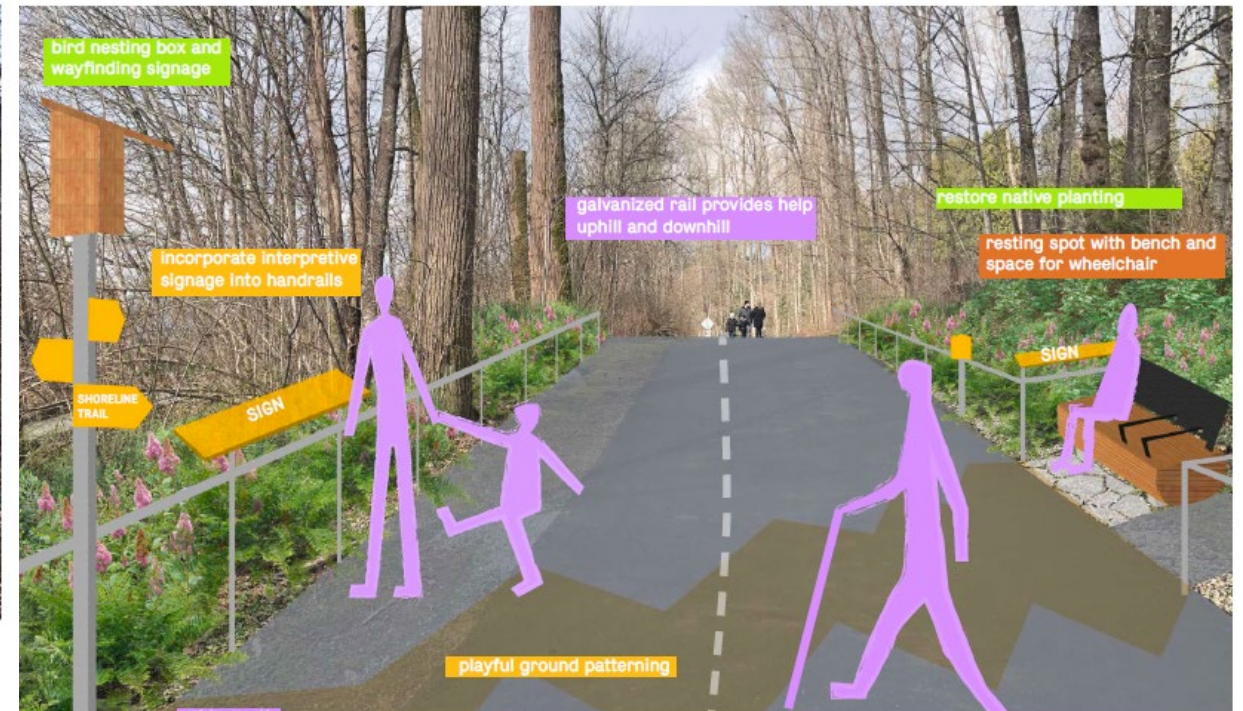
# Options Analysis - Pathway

- Three options were considered for upgrading the pathway considering variations of the following:
  - 3.3m wide – full depth repaving
  - 4.8m wide – full depth repaving
  - Surface repaving only
- Additional considerations include:
  - Accessibility improvements
  - Consistent widths (widening to 3.3m)
  - Wayfinding and story-telling boards including connections to the Shoreline House Post project slated to be completed in 2023

# Proposed Pathway Design Features



Accessibility improvements – Wheelchair pads



Accessibility improvements – Additional benches, handrails



# Proposed Pathway Design Features



Wayfinding signage



Environmental Restoration – Pollinator meadows  
Path Widening – 3.3m consistent widths

# Project Timeline - Construction

**May 2022**

Sewer Construction  
**START**

**May – June  
2022**

Detour Construction on  
loco Road, Sentinel  
Road, San Remo Drive

**December  
2022**

Sewer Construction  
**END**

**Spring  
2023**

Trail Construction  
**START**

**August - September  
2023**

Construction around  
creeks during fish  
windows

**Winter  
2023**

Trail Construction  
**END**



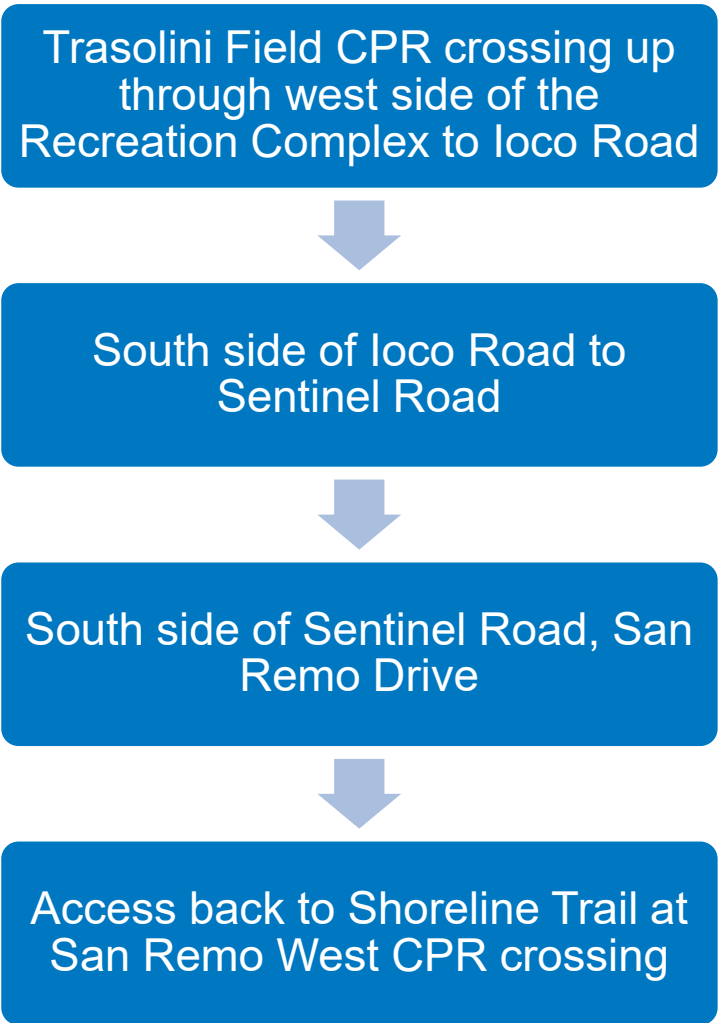
# Construction Considerations

- Environmental restrictions including trees/vegetation, heron colony buffers, nesting windows and fish windows
- Archeological restrictions
- Access challenges into the park including CPR ROW
- The trail will not be fully shut down during construction

# Detour Considerations

- Multiple options considered including:
  - Overall distance
  - Widths and grades
  - Vehicular speeds and volumes
- Construction of detour planned for end of May to June
- Detour will be in place from May – December 2023

# Detour Route



# General Impacts Due to Construction

- Shoreline Trail (paved pathway) from Murray Street to Old Orchard will be closed
- Detour will be in place and traffic control persons will be onsite to assist
- Westbound traffic will be reduced to one lane on Murray Street at trail entrance
- Truck traffic will use San Remo Drive to access the CPR crossing at San Remo West CPR crossing
- Construction noise

\*Lower gravel trail (foot path) will be fully open during construction



# Detour Impacts to You – loco Road



- Interlocking concrete barriers
- Smooth gravel surface
- Reduce speeds to 30km/hr from Metta Street to Knowles Drive
- Reduce lane widths to 3.5m in each direction



- Temporary removal of parking on south side
- Temporary waste collection switched to the back lane
- Access will be maintained to driveways at all times



# Detour Impacts to You – Sentinel Road



- Orange construction delineators bolted in place every 2m
- Smooth gravel surface
- WB one-way access



- Temporary removal of parking on both sides
- Parking resumed on north side at 425 Sentinel Road



# Detour Impacts to You – San Remo Drive



- Orange construction delineators bolted in place every 2m



- Temporary removal of parking on south side

# Thank You For Your Cooperation

- Critical works to ensure a functioning sanitary sewer that services the residents of north shore and inlet centre areas
- City asks residents for patience and understanding while we undertake these important works
- Visit [portmoody.ca/shorelinetrail](https://portmoody.ca/shorelinetrail) for updates on construction
- Contact us at [engineering@portmoody.ca](mailto:engineering@portmoody.ca) with questions and concerns





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Thank You

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