

# SHEEP PADDOCKS TRAIL ALIGNMENT

In 2013, LEES+Associates led an inter-disciplinary team in a route options analysis and detailed design for the Sheep Paddocks Trail between Mundy Creek and Pitt River Road in Colony Farm Regional Park. Despite its popularity, the existing trail had been closed due to erosion and sinkholes resulting in impassable, unsafe conditions. Consequently, the new trail required the design team to address a variety of issues including: public safety for pedestrians and cyclists, user experience, environmental protection, sustainability, and long-term operations and maintenance.

Working closely with AquaTerra Consulting Ltd., an environmental assessment was undertaken to determine sensitivities along five proposed trail alignments, and to identify potential impacts due to trail construction. Stakeholder groups were involved as part of an open house process which helped inform the choice between river and inland routes.

Trail qualities such as the user experience while riding/running/walking, and the interaction of the trail with environmental features such as unique trees, vistas, or special natural elements were also considered throughout the design process.

Colony Farm Regional Park  
SHEEP PADDOCKS TRAIL OPTIONS

**Segment 1A - Southern River Alignment**

**Physical and Experiential Qualities**

- 1. Pioneer Forest
- 2. Large Coffinwood trees
- 3. Sense of Solitude
- 4. Young Deciduous Forest
- 5. Open Green Habitat
- 6. Excellent Moose Views
- 7. Rolling Knolls
- 8. River Views

**Key Issues:**

- Significant erosion stabilization required
- Slope of trail widening required
- Clearing of vegetation required due to necessary site widening

**Opportunities:**

- This route offers a unique experience to the existing route
- No water course crossings required
- Stable soil with lower likelihood of erosion

**Cost:** \$1,017,400

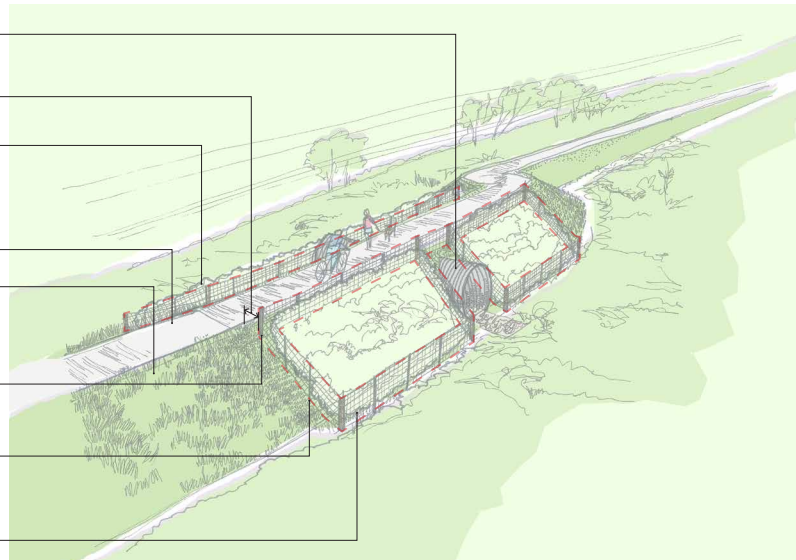
1M CLEAR ZONE 3M GRAVEL TRAIL 1M CLEAR ZONE

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AVAILABLE REGION

TRAIL ALIGNMENT



- Aluminum culvert
- 1m grass section from edge of finished granular surface to face of Beaver fencing
- Fenced riparian planting
- Finished granular surface course
  - 3m width
  - 0.15m shoulders
  - 3.3m overall horizontal width
- New berm
  - 2:1 slope
  - Hydroseed custom native grass mix
- Strain posts
  - 15m centres and at change in direction
  - Pressure treated wood
- Intermediate posts
  - Pressure treated wood
- Galvanized square gauge mesh fencing
  - 0.9m height
  - 0.3m below ground



Site Cross Section

9M TRAIL FOOTPRINT

