

# TAY TOWNSHIP



## 2019 Road Program

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Director of Public Works

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## Process

- Comment on Gas Tax Funding
- Borrowing Capacity
- Road Cross-Section Review
- Committee Direction on Scope
- Select Items in Current Program for Discussion
- Add Road Sections to be Included in Discussion
- Update the 2019 Road Program



## Gas Tax Top-up Funding

- \$310,000 announced for Tay in Federal Budget
- Federal Budget not approved
- Historically gas tax used for roads in Tay
- Council must provide direction on the top-up amount (now or in future)
- If desired, it could be tentatively be shown as roads money today

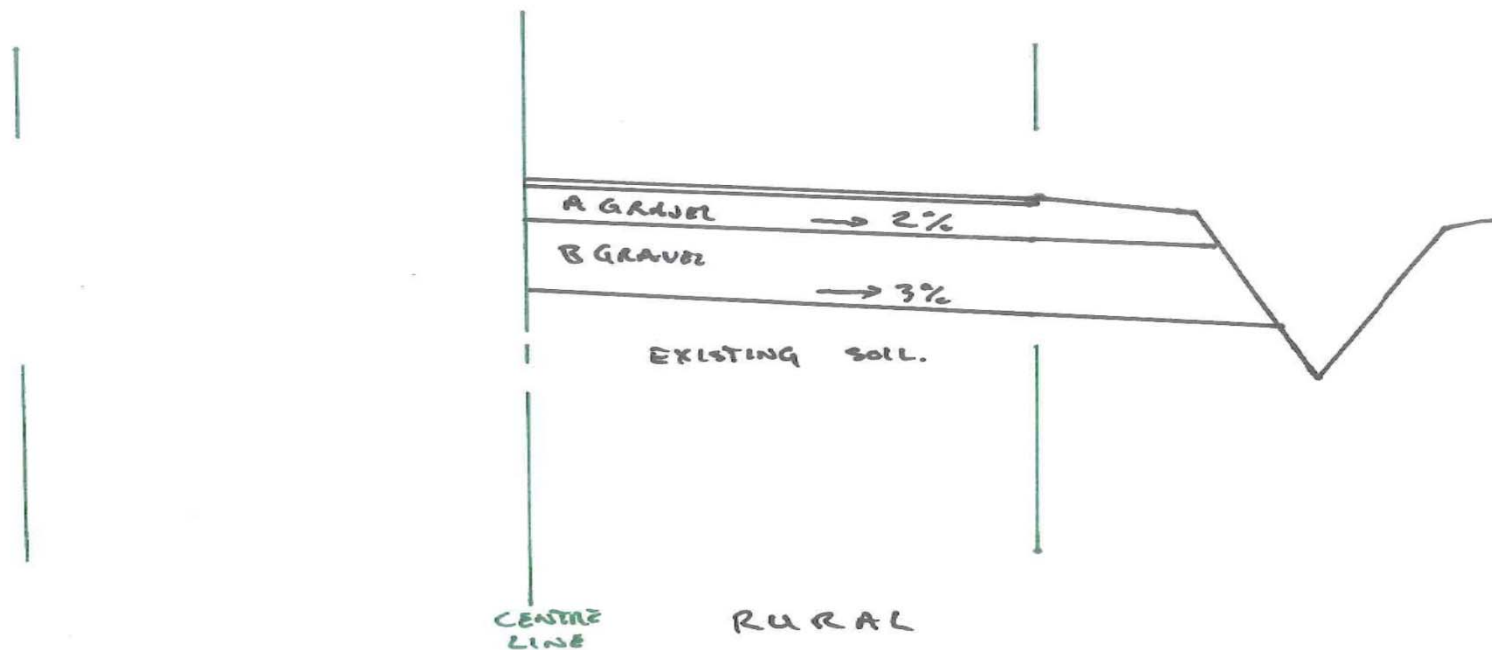


## Borrowing Capacity - summary

- Joanne and Lindsay can speak to and have some slides if needed
- There is debt capacity available
- \$1 million – tax rate up 1.53% for 10 years
- Various capacity issues affect how quickly we could proceed (program, design, admin, water and sewer)
- Just resurfacing or committing to full reconstruction of roads would not be cost effective

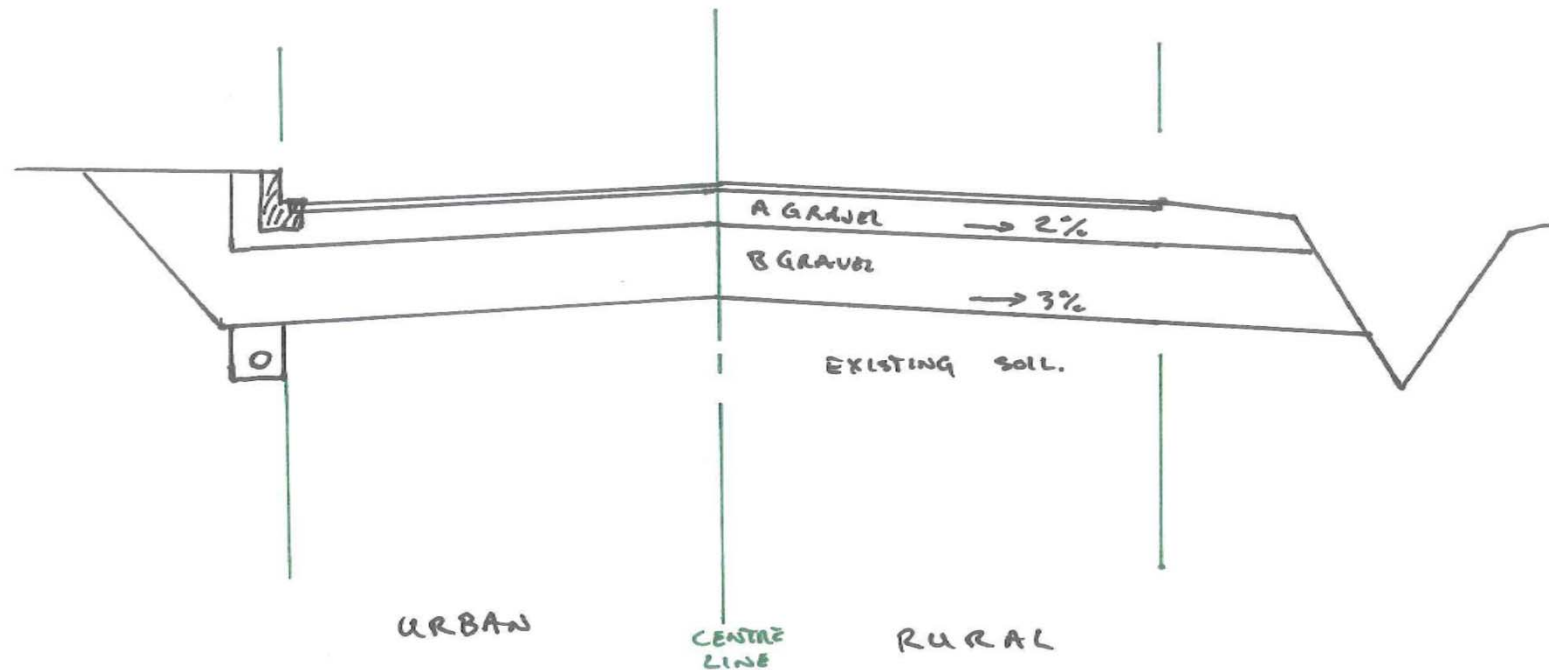


## Road Cross-Section - Rural



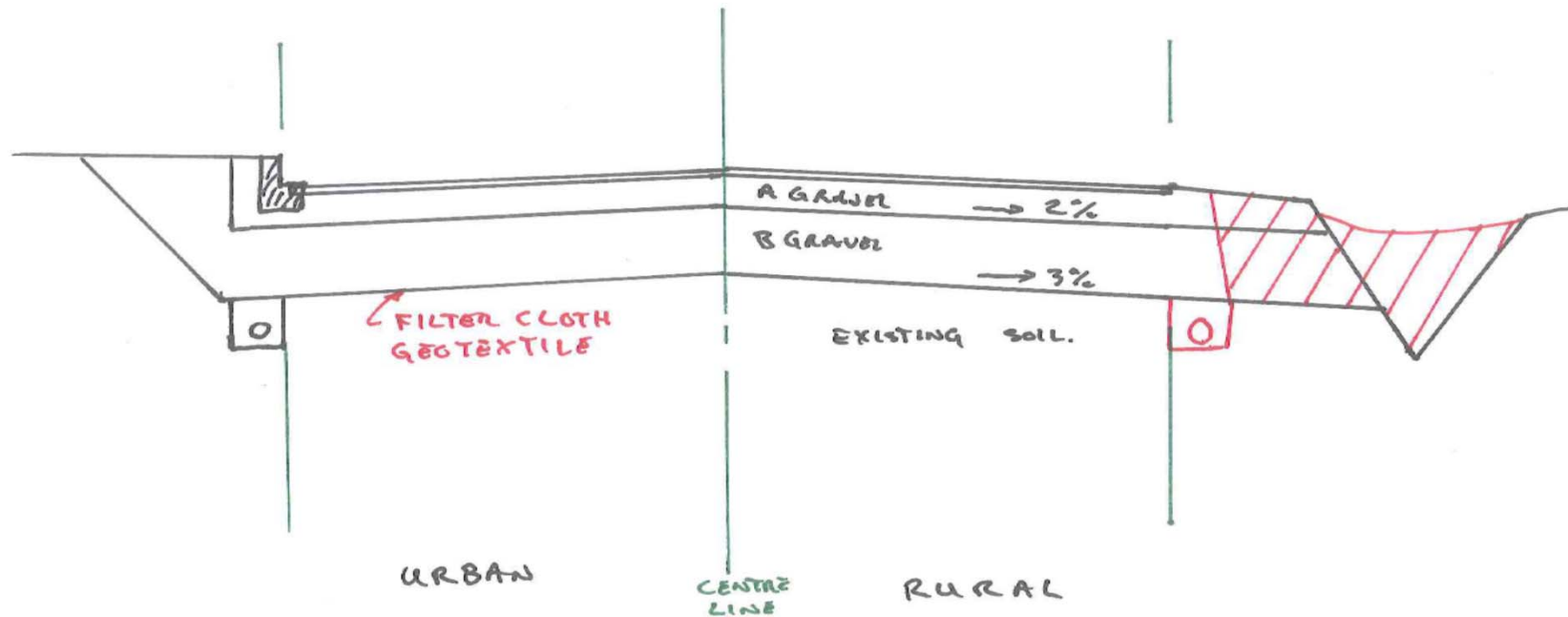


## Road Cross-Section – Urban





## Road Cross-Section - Drainage





## Scope – Gervais 2018

- Tender was limited to:
  - Pulverize
  - Fine grade and compact
  - Surface in asphalt or double surface treatment and slurry
  - Post-asphalt shoulder restoration (0.5m)
- Staff completed limited drainage works
- Project length was 1000m (1km)





## Gervais 2018 Costs

- Asphalt bid \$107,466
- Surface treatment and slurry seal bid \$71,700
- Staff report had \$171,050 and \$113,630
- RNS unit costs would be \$140,000 and \$101,500
- Excluding staff numbers - \$36,000 – \$38,000  
premium for asphalt (50% over surface and slurry)
- \$46,248 for culvert replacement and frost tapers  
(65% of surface treat and slurry bid)



## Scope – 2019 Tenders - Rural

- Based on the surface treatment and slurry seal roads from our tender report:
- Pulverize, fine grade and compact, surface treatment and slurry seal - \$64,600 per km
- Gravel - \$10,200 per km (16% of base cost above)
- Shoulders - \$10,200 per km (16%)
- Ditching and Drainage - \$15,700 per km (24%)
- Asphalt - from previous slides (50%)
- Misc, testing, contingency, HST (21.76% on total)