



# Leduc County

## 2019 CEA Partnering With Industry Symposium

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## About Leduc County

- Total area -- 2,668 km<sup>2</sup>
- Population -- 13,500
- Total length of roads
  - 1,817 km gravel
  - 406 km paved
- Leduc County typically completes \$8M to \$16M of road works per year

## 3 Year Road Program

- Starting the second year of a 3 year Standing Offer Agreement (SOA) procured using the Best Value process
- Benefits to working with one contractor over a three year period:
  - reduces yearly tendering costs
  - provides higher accuracy of future estimates
  - allows input from the contractor
  - creates teamwork between all parties
  - allows for scheduling priority with contractor
  - better communication with the affected residents

## 3 Year Road Program

- Using Best Value doesn't necessarily mean that it is the lowest cost.
- The road program was built understanding the fiscal realities of the municipality while balancing "need to do" projects.
- Moving to increase the focus on the rural gravel road network.
- This will likely result in some tendered road reconstruction projects over the next few years.

# 2019 Projects

- Rural Roads
  - TR 480 reconstruction (\$0.9M)
  - Shoulder pulls
  - Spot repairs
    - » significant program to improvement the overall rural road network

# 2019 Projects

- Subdivisions
  - Rehabilitation
    - » Hilltop Estates (\$0.57M)
    - » Twin Peaks Estates (\$0.7M)
    - » Silver Bear Estates (\$.375M)
  - Rejuvenation
    - » Internal forces

## 2019 Projects cont.

- Nisku Roads
  - New
    - » 8 Street, base pave (\$2.6M)
  - Rehabilitation
    - » Sparrow Drive, mill & overlay (\$0.35M)
  - Repairs

## 2019 Projects cont.

- New Sarepta
  - Centre Avenue rehabilitation (\$1M)
  - drainage improvements



## Future Projects

- Nisku Spine Road [re/construct and base pave]
  - Allard Avenue to 65 Avenue, Leduc (boundary project with the City of Leduc)
  - 30 Avenue, Nisku (TR510) to 25 Avenue, Nisku
  - 18 Avenue, Nisku to Airport Road
- Range Road 240 (Hwy 616 south) [construct and base pave]

# Innovation

- Cement stabilization
  - increase use on rural roads and as an alternative to road reconstruction
  - TR 480 will be a test section
- Ace Fiber Polymer XP
  - reducing cracking, rutting & fatigue
- Rural Roads Study
  - structure
  - geometrics
  - drainage



**Thank you. Questions?**