

2019 Capital Design & Construction

2019 CEA Edmonton Area

January 15, 2019



Presented by:

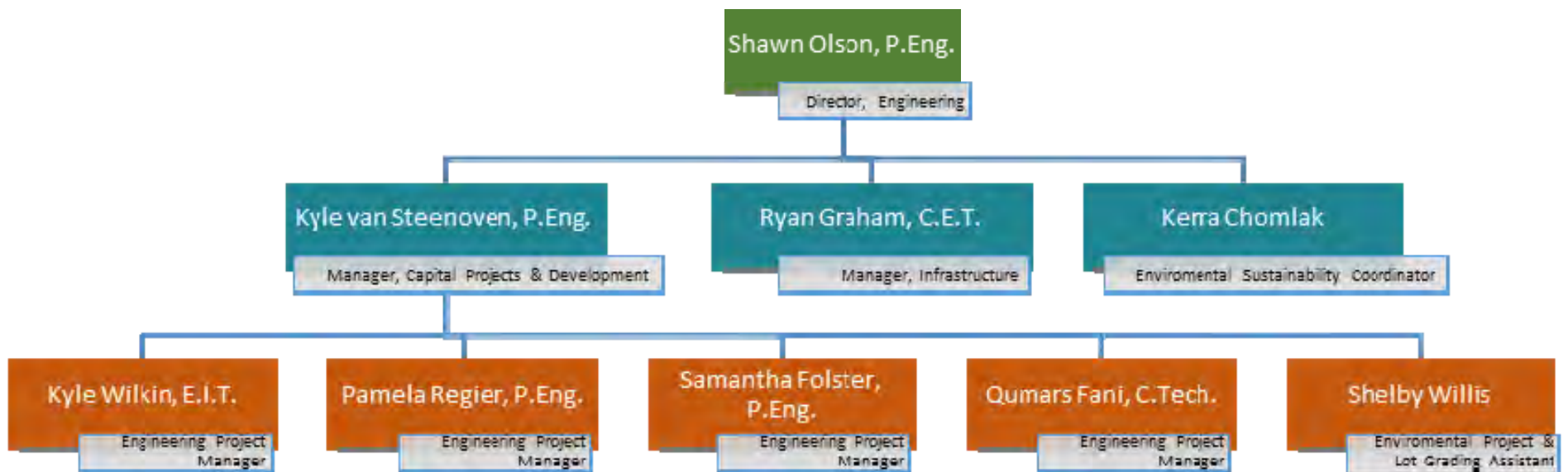
Kyle van Steenoven, P.Eng.
Manager, Capital Projects and Development

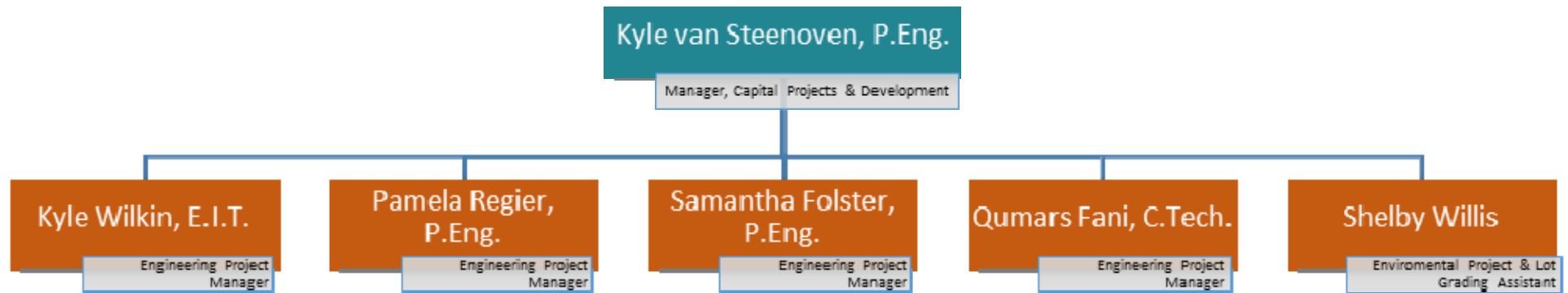
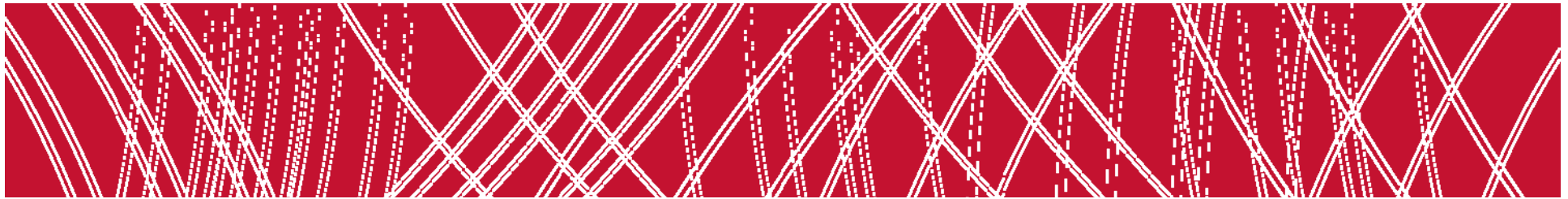


Thank you to our consultants throughout 2018



City of Leduc Engineering

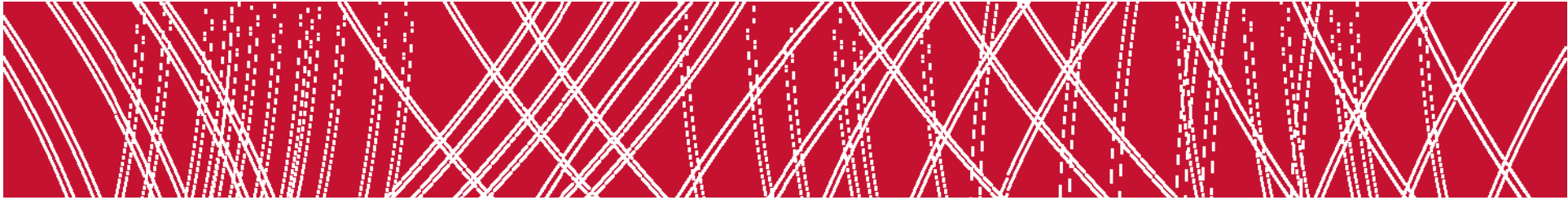




Capital Projects and Development

- Design and construction of capital projects
- Review, inspection and acceptance of new developments
- Review, inspection and approval of residential, commercial and industrial lot grading.





Infrastructure

Ryan Graham, C.E.T

Manager, Infrastructure

- Condition assessments
- Functional, master and multi-jurisdictional planning
- Offsite Levy Model

Kerra Chomlak

Environmental Sustainability
Coordinator

Shelby Willis

Environmental Project & Lot
Grading Assistant

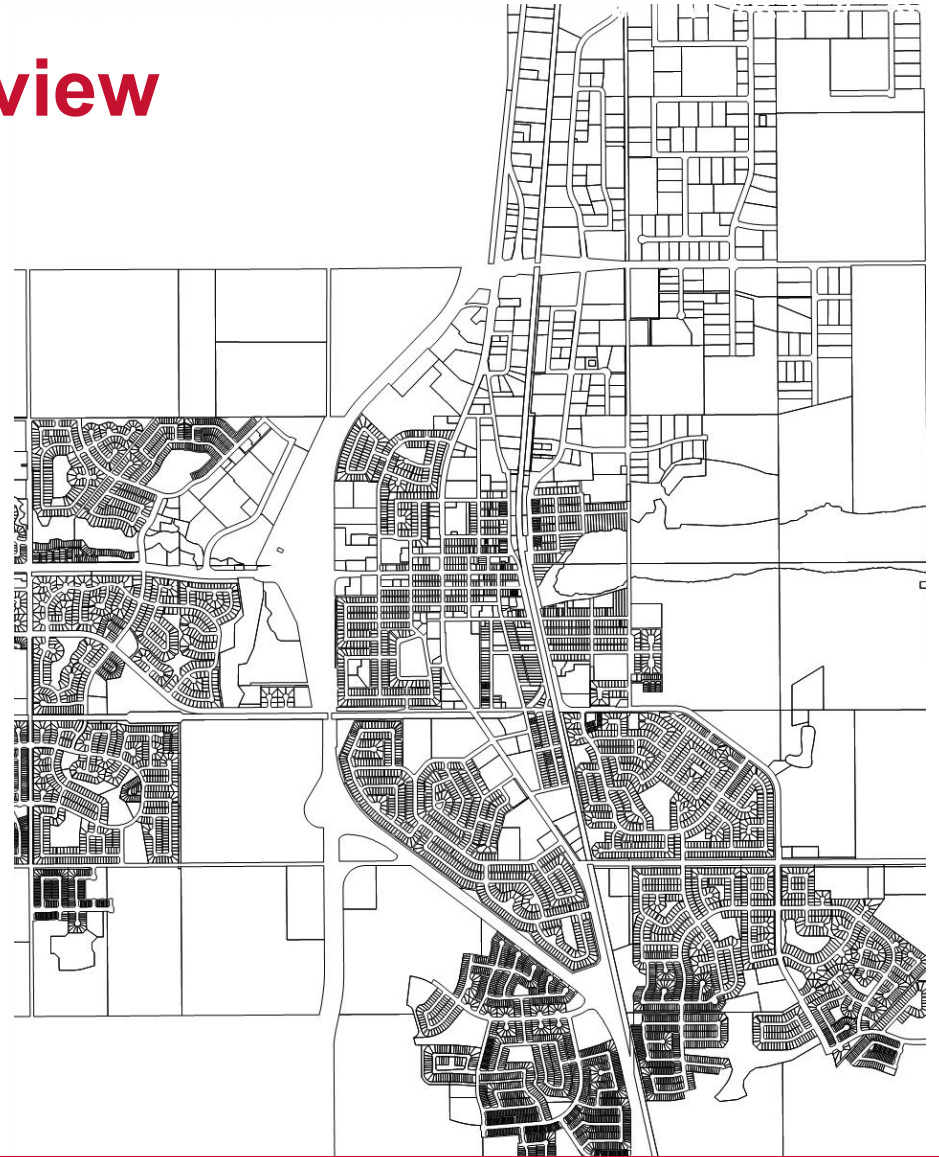
Environmental

- Environmental policies, initiatives and projects
- Curbside cart collection & recycling program



Overview


- CDC Program
- Capital Utility Program
- Spine Road/ 65 Avenue East
- Civic Centre Storm Pond/Concrete Redesign
- Master Plans
- Smart Traffic Feasibility Study





Community Development and Culture (CDC) Program



- This contract is up for renewal in 2019. The two year contract was previously awarded to Associated Engineering in 2017.
 - The contract will include 2019/2020 design and corresponding 2020/2021 construction management.
 - This program includes community driven projects such as park and recreation upgrades, multiway, trail systems, and art installations
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Capital Utility Program

- This contract is up for renewal in 2019. The RFP is expected to be posted in late Spring.
 - The contract will include 2019/2020 design and corresponding 2020/2021 construction management.
- This program includes any upgrade and repairs required to the City of Leduc's storm, sanitary and water networks.
- The successful proponent will be responsible for helping the City develop a 5 year plan for infrastructure renewal based on provided condition assessments



Spine Road and 65 Avenue East

- This project will consist of 1,800 meters of new arterial road construction including 3,600 meters of ditch work and the construction of a 4-way arterial to arterial intersection.



Civic Centre Concrete and Storm Pond Redesign

- This project will include increasing the size of the pond by 12,000 cubic meters and the assessment/replacement of the concrete structures and surfaces adjacent to the storm pond





Engineering Master Plans

All master plans are on a 5 year update/renewal rotation.

Water Master Plan

- Completion of a new Water Master Plan
- RFP expected to take place in Spring of 2019


Storm Master Plan

- Creation of the City's first Storm Water Master Plan
- RFP expected to take place in Spring of 2020

Transportation Master Plan

- Previously completed by Castleglenn Consultants in 2018
- Next update is tentatively scheduled for 2023

Sanitary Master Plan

- Currently underway by Cole Engineering with completion targeted in 2019
 - A new Sanitary master plan is to take place in 2024.
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Smart Traffic Feasibility Study

The City of Leduc is currently looking at the shift towards Smart Cities and as a starting point we are looking at the feasibility of different forms of smart traffic systems throughout the City and the associated benefits.

This initial study has the potential of helping the City better defined what Smart Traffic and Smart Cities will look like for the City of Leduc.

The RFP for this study is expected to be out in late Spring



Questions?

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