

### Infrastructure Services Update January 10, 2017



# Key Business Areas

#### Public Works

- Roadway Services
- Waste Management
- Water & Wastewater Services
- Fleet Services
- Facilities

- Engineering Services
  - Capital Road Program
  - Drainage & Aggregate
  - Transit Services
  - Asset Management
  - Land and Utility Services
  - Engineering Services



## PW – Roadway Services

#### Sand / Salt Storage Shed

- Project initiated (planning/design) in 2016
- Construction tendering to be completed in Q1 2017
- Construction to start in Q2 2017
- Construction completion anticipated in Fall 2017
- Winter Road Maintenance activities ongoing
- General road maintenance and associated activities will continue in Spring / Summer 2017



### PW – Waste Management

#### Parkland County Transfer Station

- Upgrades initiated in 2016
- Planning and design of site started in 2016
- Construction tender to be completed in Q1 2017
- o Construction to start in Q2 2017
- Construction completion anticipated in Fall 2017
- Cholla recycling and waste transfer site is now staffed and operated by Parkland County



### PW – Water & Wastewater Services

- 2017 Utility Rates will be finalized based on the harmonization report presented to Council
- Water & Wastewater Servicing inspections and operational maintenance activities will continue in 2017



### **PW - Fleet Services**

- An addition of a 6 post heavy truck hoist will occur in 2017
- Ongoing replacement of vehicle and equipment as identified in the fleet replacement plan will continue



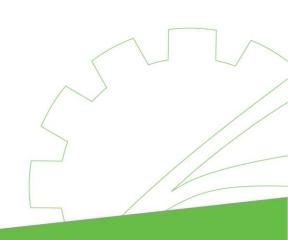
## PW – Facility Services

#### Agriculture Services Building

- Constructed started in Fall 2016
- Construction completion anticipated in Spring 2017

#### Tomahawk Services Building

- Roof replacement planned for spring/summer 2017
- Construction tender to be completed in Q2 of 2017
- Construction to start in Q2 2017
- Construction completion anticipated in Fall 2017





## ENG – Capital Road Program

- As per the 2017 2020 budget approval, projects will be completed within the defined categories:
  - Road widening / reconstruction
  - Asphalt Surfacing
  - o Graded Aggregate Seal Coating
  - Subdivision Preservation
- The 2017 2020 project list was presented to Council and is outlined in detail within the approved budget



### ENG – Drainage & Aggregates

- Gravel crushing operations for the 2017 Public Works and Engineering rehabilitation or construction programs is underway. Task will be complete in Q1 2017.
- Bamber Pit reclamation continued in 2016. Majority of the pit area has now been reclaimed. Continued activity on site will occur as existing stockpiles are depleted.
- Overland drainage maintenance activities will continue on an as needed basis
- Bridge File design and construction will occur in 2017. Engineering Services continued to review and evaluate available grant funds (STIP) for these activities



### **ENG - Transit Services**

- Phase I service will continue in 2017
- Phase II service will begin on February 13, 2017
- Phase I and II service will be supplemented with optional shuttle service. Shuttle service will begin on February 13, 2017
- Regional Transit Service discussions will continue in 2017. Parkland County will look to partner with Stony Plain and Spruce Grove to explore and potentially develop TRI-municipal transit options



### **ENG - Asset Management**

- Refinement of Service Level expectations will move forward in Q1-2017
- Council workshops will be planned in Q1 and throughout the year to discuss options for infrastructure development and service delivery
- Strategic infrastructure investment strategies intended to meet or exceed Council direction will be developed by end of Q4



### ENG - Land & Utilities

- Strategic land acquisitions to facilitate development, capital road program or future initiatives will continue
- Coordination of utility operation and maintenance activities will continue, with improvements to customer coordination and on-site inspection processes
- Oversight and direction to major utility investments in the County will require special attention (Kinder Morgan/ TransMountain Pipeline, ALTAlink Substation Development and Line Installation, TransALTA investments, etc.)



## **ENG - Engineering Services**

- Substantial completion of the Acheson Storm Water-Outfall was met in 2016. Final activities (service road construction) will be completed in Q2 2017
- Entwistle Sanitary Line upgrades were initiated in 2016. This project will be completed in Q1 2017
- Whistle Cessation at all crossing locations within the County will continue to be pursued. Discussions with CN Rail and Transport Canada are ongoing



## **Regional Activities**

- Infrastructure Services will continue to be engage in the following:
  - Capital Region Parkland Water Commission (CRPWC)
    - twinning and expansion
  - Alberta Capital Region Wastewater Commission ACRWC
    - Twinning and expansion
    - Inflow and Infiltration analysis wet weather strategies
    - Short Term
  - West Interlake District (WILD)
    - Phase 1 implementation options (service connections, truck fill, etc)
    - Phase II expansion
  - Tri- Municipal Transit review
  - Tri-Municipal Waste Management review
  - o Lac St Anne regional wastewater outfall to Pembina River
  - Enoch regional wastewater connection to ACRWC through Acheson