

## **Town of Pelham**

### **Asset Management and GIS Coordinator Update**

**June 30, 2023**

#### **Focus - Non-core assets**

According to O.Reg. 588/17 - This description is the only criteria provided to define for non-core assets:

*“municipal infrastructure asset” means an infrastructure asset, including a green infrastructure asset, directly owned by a municipality or included on the consolidated financial statements of a municipality, but does not include an infrastructure asset that is managed by a joint municipal water board.*

- Currently working on Section 5. (3) i., ii., iii., iv., and v. of O.Reg. 588/17 (see below).
- Identified the major non-core assets to be evaluated by the town:

#### **Water distribution system**

- The majority of valve, hydrant, and lateral inventories have been accounted for and have install dates.
- Information such as material, condition, and replacement cost are outstanding.

#### **Wastewater collection system**

- The lateral inventory is incomplete. Approximately half of town is accounted for and have install dates.
  - Information such as material, condition, and replacement cost are still outstanding.

#### **Storm water system**

- The majority of the catch basin and catch basin lead inventory has been completed and has install dates.
  - Material, condition, and replacement cost are still outstanding.
- The lateral inventory is incomplete. Approximately half of town is accounted for.
  - Information such as material, condition, and replacement cost are outstanding. The assets inventoried have install dates.

#### **Transportation (sidewalks roads bridges/signs/lights)**

- Road signs, small culverts, and light inventories are incomplete.
  - A project to inspect/inventory small culverts (>3m span) is underway.
  - A recent project to replace street lighting is being completed.
  - Existing inventory of traffic lights and signs need to be verified.
  - Information such as install date, condition, replacement cost is outstanding.

#### **Facilities/parks/cemeteries**

- The equipment in facilities has been accounted for.

- Information regarding install date, condition, and replacement cost is outstanding. The majority of assets have been assigned a condition rating.
- Existing inventories for playground/park accessories (benches, garbage cans etc.) need to be verified. The majority of assets have been accounted for.
  - Information regarding install date, condition, and replacement cost is outstanding
- Fire services (possibly to be categorized with facilities - fire stations)
  - Need information regarding fire equipment ex: jaws of life, bunker gear etc.
- IT - electronics/hardware/software
  - Need discussion with IT Manager regarding assets to include
  - Information such as install date, condition, replacement cost are outstanding.

#### **Natural Assets**

- A project for managing natural assets is in progress with involvement with the planning department.
  - The tree inventory is complete for the Town's urban areas. Tree type and condition has been determined. Age and replacement cost is outstanding.

#### **Fleet/ Transit**

- Existing fleet inventory needs to be verified.
  - Model year has been recorded. Information such as condition and replacement cost are outstanding.

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#### **Reg. 588/17 Requirements:**

**5. (1) Every municipality shall prepare an asset management plan in respect of its core municipal infrastructure assets by July 1, 2022, and in respect of all of its other municipal infrastructure assets by July 1, 2024.**

(2) A municipality's asset management plan must include the following:

**1. For each asset category, the current levels of service being provided, determined in accordance with the following qualitative descriptions and technical metrics and based on data from at most the two calendar years prior to the year in which all information required under this section is included in the asset management plan:**

- i. With respect to core municipal infrastructure assets, the qualitative descriptions set out in Column 2 and the technical metrics set out in Column 3 of Table 1, 2, 3, 4 or 5, as the case may be.
- ii. With respect to all other municipal infrastructure assets, the qualitative descriptions and technical metrics established by the municipality.

**2. The current performance of each asset category, determined in accordance with the performance measures established by the municipality, such as those that would measure energy usage and operating efficiency, and based on data from at most two calendar years prior to the year in which all information required under this section is included in the asset management plan.**

**3. For each asset category,**

- i. a summary of the assets in the category,
- ii. the replacement cost of the assets in the category,
- iii. the average age of the assets in the category, determined by assessing the average age of the components of the assets,
- iv. the information available on the condition of the assets in the category, and
- v. a description of the municipality's approach to assessing the condition of the assets in the category, based on recognized and generally accepted good engineering practices where appropriate.

**4. For each asset category, the lifecycle activities that would need to be undertaken to maintain the current levels of service as described in paragraph 1 for each of the 10 years following the year for which the current levels of service under paragraph 1 are determined and the costs of providing those activities based on an assessment of the following:**

- i. The full lifecycle of the assets.
- ii. The options for which lifecycle activities could potentially be undertaken to maintain the current levels of service.
- iii. The risks associated with the options referred to in subparagraph ii.
- iv. The lifecycle activities referred to in subparagraph ii that can be undertaken for the lowest cost to maintain the current levels of service.

**5. For municipalities with a population of less than 25,000, as reported by Statistics Canada in the most recent official census, the following:**

- i. A description of assumptions regarding future changes in population or economic activity.
- ii. How the assumptions referred to in subparagraph i relate to the information required by paragraph 4.