

## 7. Asset Condition Assessment and Plan Updates

### 7.1. General

It is recommended that business processes be reviewed to ensure that construction and as-built drawings are submitted and formally accepted on a timely basis to be able to maintain an accurate, complete and current asset registry.

### 7.2. Road System

It is recommended that the road system condition ratings be reviewed and updated on a maximum four-year cycle using the *Inventory Manual* methodology. Where more frequent inspections are required, the information and conditions should update the most current Road Needs Study. Annual updates should occur to include new development, maintenance activities and capital projects.

### 7.3. Structures – Bridges and Culverts (> 3 meter span)

It is recommended that bridge and culvert structures that have a span greater than 3 meters should be reviewed on a two-year cycle, as required by legislation, using the Ontario Structure Inspection Manual (OSIM) or equivalent guidelines. Annual updates should occur to include new development, maintenance activities and capital projects.

### 7.4. Structures – Road Crossing Culverts (< 3 meter span)

It is recommended that road crossing culvert structures that have a span less than 3 meters should be reviewed on a four-year cycle using the Ontario Structure Inspection Manual (OSIM) or equivalent guidelines.

### 7.5. Water Linear

The condition of water linear assets is more difficult through visual inspection than other asset types. However, pressure and flow measurements can identify problem areas within the network. It is recommended that flow and pressure measurements, or other evaluation technique, be reviewed on a 10-year cycle.

### 7.6. Wastewater & Stormwater Linear

Wastewater and stormwater linear assets may be reviewed by visual inspection by remote controlled video (CCTV). It is recommended that a regular visual inspection program is established and funded for a four-year cycle and that the condition of the pipes is rated in accordance with the NASSCO Pipeline Assessment & Certification Program (PACP).