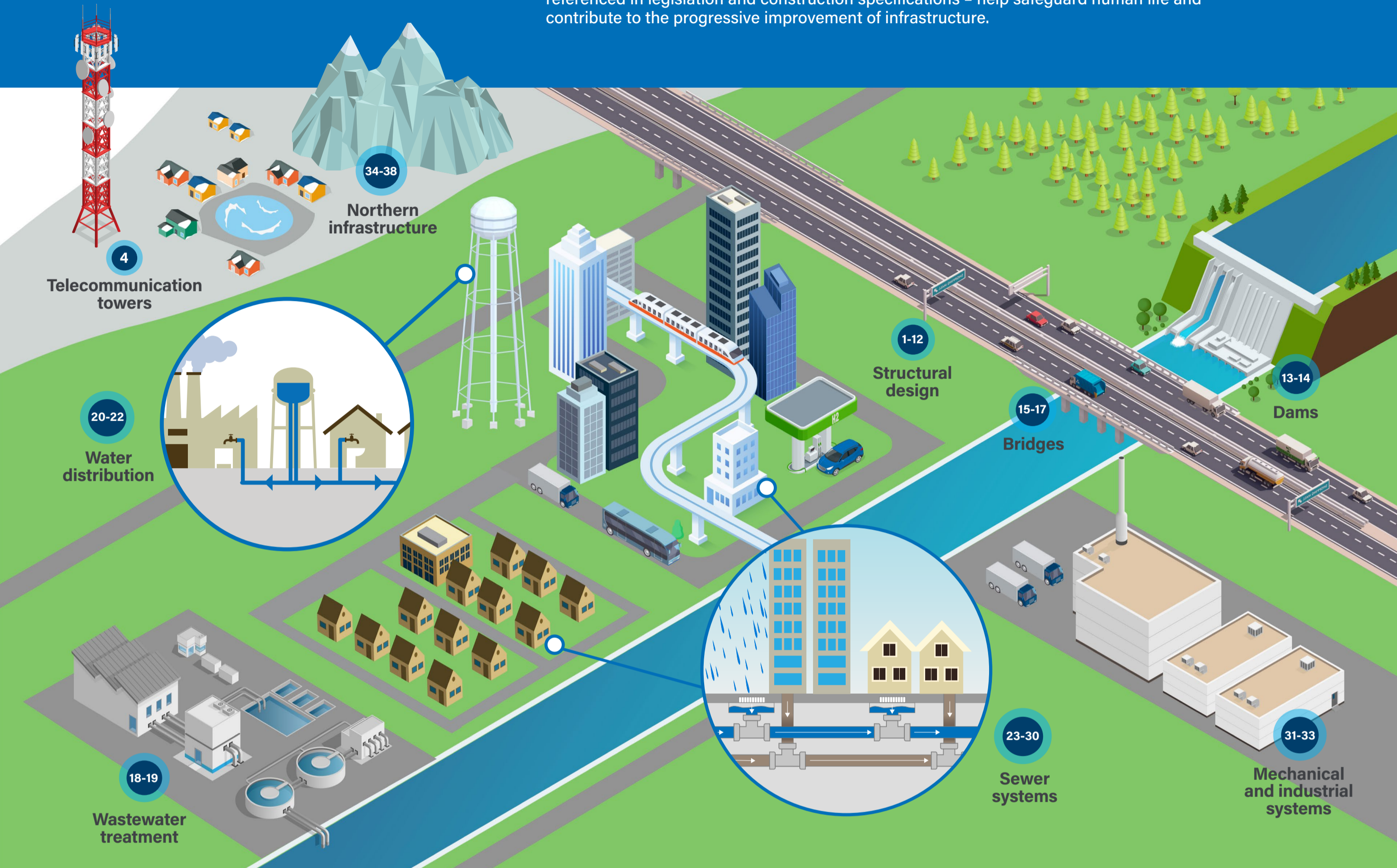


For more than a century, CSA Group has supported the evolution of Canada's built environment through the development of codes and standards that underpin safe and reliable infrastructure.

Guided by technical experts from across Canada, CSA Group's infrastructure standards – many referenced in legislation and construction specifications – help safeguard human life and contribute to the progressive improvement of infrastructure.



## Standards and research publications

### Structural design

- 1 - CSA A23.3, Design of concrete structures
- 2 - CSA O86, Engineering design in wood
- 3 - CSA S16, Design of steel structures
- 4 - CAN/CSA-S37, Antennas, towers, and antenna-supporting structures
- 5 - CSA S136, North American specification for the design of cold-formed steel structural members
- 6 - CSA S304, Design of masonry structures
- 7 - CSA S367, Air-, cable-, and frame-supported membrane structures
- 8 - CSA S157/CSA S157.1, Strength design in aluminum/ Commentary on CSA S157, Strength design in aluminum
- 9 - CSA S807, Specification for fibre-reinforced polymers
- 10 - CSA S808, Specification for fibre-reinforced polymer (FRP) materials for externally reinforcing structures
- 11 - CSA S852, Blast-resistant window anchor systems
- 12 - CSA W59, Welded steel construction

### Dams

- 13 - Climate change adaptation of dams (CSA Group research report)
- 14 - Vulnerability assessment (2023)

### Bridges

- 15 - CSA S6, Canadian Highway Bridge Design Code/ Commentary
- 16 - CSA S6.1, Commentary on CSA S6, Canadian Highway Bridge Design Code
- 17 - CSA S7, Pedestrian, cycling, and multi-use bridge design guideline (in progress)

### Water and wastewater systems

#### Wastewater treatment

- 18 - CSA S900.1, Climate change adaptation for wastewater treatment plants
- 19 - CSA S900.2, Structural design of wastewater treatment plants

#### Water distribution

- 20 - CSA B137 Series, Thermoplastic pressure piping standards
- 21 - CSA B70, Cast iron soil pipe, fittings, and means of joining
- 22 - CSA B242, Groove- and shoulder-type mechanical pipe couplings

#### Sewer systems

- 23 - CAN/CSA-G401, Corrugated steel pipe products
- 24 - CSA B1800, Thermoplastic nonpressure piping compendium
- 25 - CSA S250, Mapping of underground utility infrastructure

- 26 - CAN/CSA-B127.3, Fibrocement drain, waste, and vent pipe and pipe fittings

- 27 - CSA B602, Mechanical couplings for drain, waste, and vent pipe and sewer pipe

- 28 - CAN/CSA-B70.1, Frames and covers for maintenance holes and catchbasins

- 29 - CSA A257 Series, Standards for concrete pipe and manhole sections

- 30 - CSA B184 Series, Polymeric subsurface stormwater management structures

### Mechanical and industrial systems

- 31 - ASME A17.1/CSA B44, Safety code for elevators and escalators

- 32 - CSA B51, Boiler, pressure vessel, and pressure piping code

- 33 - CSA B52, Mechanical refrigeration code

### Northern infrastructure

- 34 - CSA S500, Thermosyphon foundations for buildings in permafrost regions

- 35 - CSA S501, Moderating the effects of permafrost degradation on existing building foundations

- 36 - CSA S502, Managing changing snow load risks for buildings in Canada's North

- 37 - CSA S504, Fire resilient planning for northern communities

- 38 - CSA S505, Techniques for considering high winds and snow drifting and their impact on northern infrastructure