

# Design and Construction

## Survey

The Survey team supports the Engineering Design Section's Construction projects to deliver Town Capital projects. If you see the surveyors on-site, they are marking out storm sewers, traffic signal lighting and/or streetlights.

The survey crew is responsible for the following:

- Pre-engineering design surveying
- Construction layout for:
  - Culverts
  - Ditches
  - Line Marking
  - Outdoor Recreation Facilities
  - Public Parking Lots and Driveways
  - Retaining Walls
  - Roads
  - Sidewalks
  - Storm Sewer
  - Streetlighting
  - Traffic Signals
- Field locates for public infrastructure include:
  - Storm Sewer
  - Traffic Signals
  - Underground Streetlight

## How to request a field locate?

To request a field locate, please contact Ontario One Call at 1-800-400-2255 or [on1call.com](http://on1call.com).

For Municipal Geodetic Benchmarks (ground elevation), please contact 905-873-2601 ext. 2312.

## Engineering Design

This section creates engineering designs that are used to renew, repair, maintain and create Municipal Infrastructure. Many different types of designs are created ranging from roads and

storm sewers to retaining walls and culverts. The designs follow the principles laid out in the Transportation Association of Canada and guidelines mandated by the Municipal Class Environmental Assessment. The majority of the work generally requires several years to prepare and complete from the initial field survey work, design work, permit acquisition and construction.

To request an "As Constructed" infrastructure drawing, please contact 905-873-2601 ext. 2300.

## Construction

This section is responsible for ensuring that the infrastructure built by the Town is completed according to standards in a safe and efficient manner. This section also completes the necessary studies and investigations to determine the condition of, and forecast the needs for, repairs to the Town's infrastructure assets.

## Roads 2019

Since 2013, the Design and Construction Section of the Transportation & Public Works Department focused on communicating our Pavement Management Program and upgrading the roads in the various ward areas to ensure that they were safe and in top condition for residents.

Starting in the spring of 2019, select streets will again benefit from road resurfacing and road reconstruction. Concurrent with the Town's work, Halton Region, through the "Building a Better Halton" program will be completing capital projects at the locations indicated. Culvert replacement and intersection improvements are scheduled.

## Pavement Management and Capital Works Street Listing:

Resurfacing

(Gravel, Surface Treatment or Asphalt)

- Barber Drive – Mountainview Road South to Argyll Road
- Cedarvale Court – Edward Street to End

- Edward Street – Guelph Street to Margaret Street
- River Drive East – Mountainview Road North to Maple Avenue
- 5 Side Road – Trafalgar Road to Tenth Line

#### Reconstruction

- Lane Court – Delrex Boulevard to End
- Margaret Street – Edward Street to Pauline Street
- Pauline Street – Delrex Boulevard to Margaret Street
- Armstrong Avenue Phase 2 – Sinclair Avenue to Guelph Street
- Tenth Line Slope – Between 27 Side Road and 32 Side Road

#### Rehabilitation

- Fairy Lake Dam – Halton Region Project

#### Storm Sewer Repairs

- Acton TP Offset Strategy – Wallace Street between Division Street and McDonald Boulevard & Intersection of McDonald Boulevard and Acton Boulevard (Off Road Works)
- Culvert 21/C – Third Line Between 5 Side Road and 10 Side Road

#### Turn Lane Construction

- Main Street South and Maple Avenue

#### Traffic Signal

- Main Street North and School Lane

Further information is available on the Town's website at: [haltonhills.ca/roads](http://haltonhills.ca/roads)

#### **Town of Halton Hills Engineering Services**

1 Halton Hills Drive, Halton Hills ON L7G 5G2

General Inquiry: 905-873-2601 ext. 2300

Fax: 905-873-8192

Website: [www.haltonhills.ca](http://www.haltonhills.ca)

Contact Form: [haltonhills.ca/contact](http://haltonhills.ca/contact)

(2019)