



The design also includes the replacement of sanitary sewers and watermains and their services to property line.

Project Facts

Client: Town of Innisfil

Scope of Work:

- Preliminary and detailed design
- Public and client meetings
- Tendering
- Traffic management
- Earth excavation
- Storm sewers
- Sanitary and watermain replacement
- Concrete curbs, gutters and sidewalks
- Hot mix asphalt
- Construction administration.

Project Cost: \$1,000,000 (2006)

Don Moor Drive and Donlin Avenue Infrastructure Improvements Town of Newmarket

In 2006, the Town of Newmarket retained the Ainley Group to complete the engineering design, contract document, specifications, final design drawings, cost estimates and construction administration for infrastructure improvements on Don Mor Drive and Donlin Avenue. Some work was also required on Dixon Boulevard and Sandford Street.

Don Mor Drive and Donlin Avenue are currently a rural cross section with open ditches on both sides of the road and the road surface has deteriorated. The existing infrastructure is nearly 50 years old and is undersized. The design proposes to upgrade the street to an urban design standard with curb and gutter for improved drainage, sidewalk on one side of the roadway and the installation of storm sewers, catchbasins and ditch inlets. The design also includes the replacement of the sanitary sewer and watermain and their services to property line. Co-ordination with the Ministry of the Environment was required for approval.

The proposed work on Dixon Boulevard includes replacing the sanitary sewer and services. The proposed work on Sandford Street includes replacement of the existing deteriorated concrete curb and gutter, installation of subdrain for road base drainage, resurfacing the existing roadway and construction of sidewalk on the west side of Sandford Street to provide pedestrian access to Eagle Street.

During Preliminary design, it was necessary to analyze the impact of raising or lowering the roadway on the existing driveway grades thoroughly. Changes made to the design made it possible to maintain driveway grades that met the requirements of the Town.