



Reconstruction of Bruce Street in Thornbury.

Water and sanitary sewer services and traffic flow were maintained during the construction of each phase.

Project Facts

Client: Town of The Blue Mountains (Thornbury)

Scope of Work:

- Preliminary and detailed design
- Contract administration
- Construction administration:
 - Earth excavation
 - Granular road base
 - Hot mix asphalt
 - Concrete curb and gutter
 - Sanitary sewer: 300 to 400-mm dia.
 - Watermain: 150 to 200-mm dia.
 - Water/sanitary services: 125 to 150-mm dia.
 - Storm sewer repair: new inlets and relocations
 - Concrete sidewalk repair including interlocking concrete paving stones
 - Tree planters and trees
 - Underground electrical for new street lighting
 - Street lighting poles, fixtures and bases
 - Relocation of electrical utility services
 - Traffic signal pole relocations
 - Traffic control during construction.

Project Cost:

Phase I - \$1,700,000 (2003)
Phase II - \$535,000 (2004)
Phase III - \$585,000 (2005)

Bruce Street Reconstruction Town of The Blue Mountains (Thornbury)

In 2003, the Ainley Group was retained by the Town of The Blue Mountains to reconstruct Bruce Street in Thornbury. The project, which included the replacement of aging infrastructure (sewers and watermains), storm sewer repairs and road widening and streetscaping, was completed in three phases.

Phase I (2003) entailed the reconstruction and streetscaping of Bruce Street (County Road 13) from a point just south of Alfred Street to Highway 26 consisting of new asphalt, granulars and curb and gutter including the replacement of sanitary sewer, watermain and associated services, storm sewer repair, streetscaping, underground electrical ducts, street lighting and pole bases.

Phase II (2004) continued the replacement of sanitary sewer and watermain on Bruce Street as well as storm sewer repairs and new inlets and relocations from a point south of Alfred Street to point south of Napier Street. An addendum was added to the contract for this phase for the reconstruction of sidewalks, boulevard grading, topsoil and sod and the paving of driveways on Bruce Street.

Phase III (2005) included the continuation of sanitary sewer and watermain replacement, storm sewer repairs, new inlets and relocations, reconstruction of sidewalk, boulevard grading, topsoil and sod and paving of driveways from a point south of Napier Street southerly to a point south of Russell Street.

During construction, existing watermains were kept in service and temporary sanitary-sewage bypass pumping was provided to maintain sewage flow until the system or stages became fully operational.