



The redesigned intersection at Mosley Street and 45th Street.

Increased traffic flow necessitated the complete redesign of the 45th/Mosley Street intersection and the widening of the connecting roads.



Looking east along Mosley Street towards the new signal lights installed at Puccini Drive. The photo also shows the new street lights, sidewalks, curb and gutter and landscaping.

45th Street and Mosley Street Widening and Intersection Improvements Town of Wasaga Beach

In 2004, the Town of Wasaga Beach retained the Ainley Group to undertake the design and contract administration for road widening and intersection improvements at 45th Street and Mosley Street. The commercial development at this location and increased traffic flow necessitated the complete redesign of the 45th/Mosley Street intersection and the widening of the connecting roads.

The planned widening of 45th Street started 280 metres south of Queensdale Avenue to approximately 30 metres north of Mosley Street, a distance of 560 metres. Mosley Street widening began approximately 165 metres west of 45th Street to just west of Puccini Drive, a distance of 570 metres. More specifically the work included earth excavation, granular base, hot-mix asphalt, curb and gutter, concrete sidewalk, a concrete headwall, storm sewer, sanitary sewer, watermains, relocation of 3 fire hydrants, 3 sets of traffic signals (2 new, 1 upgrade) and street lights.

By the end of December, 2004, excavation and granular base was complete, sewers and watermains were installed and the majority of the new curbs and gutter were laid and the first base course of asphalt was placed. From March through to the end of June 2005, the remaining two courses of asphalt were laid on the road surfaces, new and upgraded traffic signals and street lights were installed and landscaping was completed. Having reached Substantial Performance by June 17, 2005, a Certificate of Completion was issued and signed on June 20.

Project Facts

Client: Town of Wasaga Beach

Scope of Work:

- Preliminary and detailed design
- Tendering
- Traffic management
- Contract administration:
 - Earth excavation
 - Granular base
 - Hot-mix asphalt
 - Curb and gutter
 - Concrete sidewalk
 - Storm and sanitary sewer
 - Watermains
 - Traffic signals
 - Street lights
 - Landscaping.

Project Cost: \$2,273,000 (2004)