



The redesigned intersection at the junction of Mosley Street and River Road West (Schoonertown Bridge). This is the most heavily used intersection in Wasaga Beach.



Looking East on Mosley Street showing the new four-lane urban cross section, curbs and sidewalks, street lighting and the new traffic lights at 32nd Street.

Mosley Street Urban Renewal and Traffic Signals Town of Wasaga Beach

After completing a Schedule 'C' Class EA for municipal roads for the widening of a section of Mosley Street in 2001, the Ainley Group was retained by the Town of Wasaga Beach to proceed with the final design and tendering of the project. The assessed section of road, which is the most heavily travelled in town, was congested on a regular basis resulting in conflicts at commercial entrances and side streets. This two-lane section of road had no adequate drainage systems and no sidewalks, which raised concerns regarding the safe movement of pedestrians. The preferred solution, selected from the alternatives contained in the EA, was a four-lane widening of Mosley Street from 37th Street to the Schoonertown Bridge and the installation of traffic lights at 32nd Street. Existing traffic signals were adjusted to accommodate the road widening.

As part of the reconstruction, storm sewers were installed along Mosley Street, 36th Street and 31st Street. The main storm sewer, which outlets to the Nottawasaga River, will provide road drainage and conveyance of overland flow from adjacent properties. A secondary storm sewer drains north down 36th Street from Mosley Street to Sunnidale Road North and then down to an existing outlet at Nottawasaga Bay. Existing utilities that were in conflict with the storm sewer routes were relocated before construction commenced. Vortech storm water treatment structures were installed on both the main and secondary storm sewers to provide removal of TSS to Level 1. A separate local storm sewer was installed on 32nd Street north from Mosley Street to the existing outlet at Nottawasaga Bay.

Project Facts

Client: Town of Wasaga Beach

Scope of Work:

- Preliminary and detailed design
- Tendering
- Traffic management and construction staging
- Contract administration
 - Earth excavation
 - Granular base
 - Hot-mix asphalt
 - Curb and gutter
 - Concrete sidewalks
 - Storm and sanitary sewers
 - Installation of two storm-water quality structures
 - Separate local storm sewer project
 - Watermains
 - Traffic signals
 - Street lighting
 - Landscaping.

Project Cost: \$2,946,500