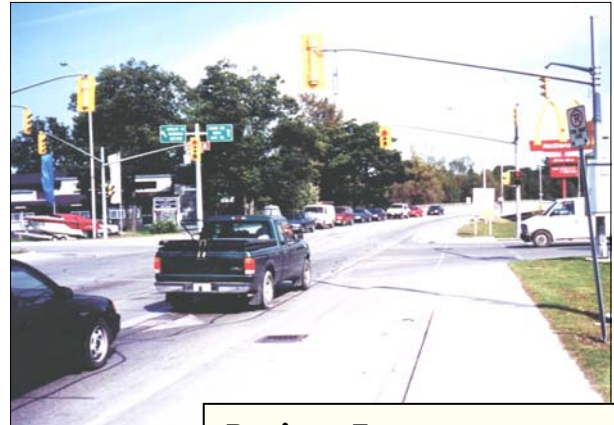




*Mosley Street, from 37<sup>th</sup> Street to the Schoonertown Bridge, is the most heavily travelled section of road in the Town.*



## Class EA, Schedule 'C' ~ Mosley Street Widening Town of Wasaga Beach

Beginning in February of 2001, the Ainley Group undertook a Schedule 'C' Class Environmental Assessment (EA) process for municipal roads for the widening of a section of Mosley Street in Wasaga Beach (from 37<sup>th</sup> Street to the Schoonertown Bridge).

This section of road, which is the most heavily travelled in Town, becomes congested on a regular basis resulting in conflicts at commercial entrances and side streets. As this two-lane section of road has no sidewalks or drainage systems, there was also a genuine concern regarding the safe movement of pedestrians.

**Alternatives:** Alternative methods to solving the problem included do nothing (for baseline comparison); increase the number of lanes to provide capacity movements and the rerouting of traffic via a by-pass. After reviewing the methods, it was determined that increasing the number of lanes to provide capacity movements was the preferred solution.

Four alternative capacity improvement designs were evaluated. These designs included a continuous left-turn lane, a four-lane widening, a four-lane widening with auxiliary left-turn lanes and a four-lane widening with a continuous left-turn lane (five lanes). The impacts of each alternative were assessed in relation to the natural, transportation, cultural, economic and social environments within the study area.

**Preferred Solution:** The selected preferred solution was a four-lane widening of Mosley Street from 37<sup>th</sup> Street to the Schoonertown Bridge and the installation of traffic signals at 32<sup>nd</sup> Street together with adjustments to the existing traffic signals to accommodate the road widening and signal operations. This solution poses minimal impact on soils, groundwater, property requirements and recreation.

The Environmental Study Report (ESR) was made available for public viewing in mid-March 2004. The project proceeded to final design in mid-April 2004 and to construction start in the summer of 2004.

### Project Facts

**Client:** Town of Wasaga Beach

#### Scope of Work:

- Schedule 'C' Class EA
- Identification of the problem
- Identification of alternative solutions
- Analysis of alternative solutions and select preferred alternative
- Preparation of an Environmental Study Report
- Completion of contract drawings and tender documents

#### Key Design Criteria:

- Improvement of the traffic capacity and flow characteristics of the existing road
- Movement of traffic during peak summer volumes
- Reduction of the conflicts at side entrances and side streets
- Improvement of pedestrian safety
- Improvement of roadside drainage.

#### Project Cost:

Class EA only: \$327,000  
Estimated Capital Cost: \$3,000,000