Public Information Centre #1 Transcript

Appleby Line (Regional Road 20) & No. 2 Side Road Municipal Class Environmental Assessment Study Online Public Information Centre #1

Video #2: Study Background and Existing Conditions

The following provides a text version of the audio that is included in the video, Study Background and Existing Conditions".

Slide 6: Video #2 - Study Background and Existing Conditions

Hello and welcome to the Study Background and Existing Conditions video – the second of three video presentations for the Appleby Line and No. 2 Side Road MCEA study. In this video, we will review the study background, existing conditions, and the problem and opportunities statement for the study.

Slide 7 (Existing Conditions – Road Network and Utilities)

Appleby Line is a two-lane Regional Road with a posted speed of 60 kilometres per hour and a 50-kilometre-per-hour advisory speed. There are also existing paved shoulders along the roadway and a private driveway on the west side of Appleby Line at 2 Side Road.

2 Side Road is a two-lane local road under the City of Burlington's jurisdiction. There is a left-turn restriction at Appleby Line with flex bollards and the posted speed is 70km/h.

A Hydro One distribution line runs along the east side of Appleby Line, and an Enbridge pipeline crosses Appleby Line about 120 metres north of the intersection.

Slide 8 (Existing Conditions - Traffic)

A traffic analysis was undertaken for the intersection of Appleby Line and 2 Side Road.

Under existing conditions, the eastbound approach has the largest delay, which is typical of a rural intersection.

The intersection currently operates overall with very little delay and is expected to continue operating efficiently with only minor delays through 2051.

A Traffic Signal Warrant Analysis considered factors such as traffic volumes and delays at the intersection. Based on these factors, the intersection does not meet the criteria for traffic signals.

Slide 9 (Land Use and Natural Environment)

There are also a number of land use and natural heritage considerations within the study area.

Land use and natural resources within the study area include:

- Regional Natural Heritage System;
- Greenbelt Natural Heritage System;
- Greenbelt Plan Protected Countryside Boundary;
- Niagara Escarpment Plan Boundary; and
- Prime Agricultural Areas

Some of the key natural features in the area include Bronte Creek and the Zimmerman Valley Area of Natural and Scientific Interest.

The study area also falls within Conservation Halton's regulatory limits.

Slide 10 (Existing Archaeological Conditions)

A Stage 1 Archaeological Assessment has been completed as part of the study.

There are eight previously registered archaeological sites within one kilometre of the project area. One of these sites, AiGx-452, is located within the project area; however, it has been determined to have no further cultural or historical value or interest.

Parts of the Project Area exhibit archaeological potential and a Stage 2 survey is recommended prior to any proposed construction activities on these lands.

Slide 11 (Existing Cultural Heritage Conditions)

A Cultural Heritage Assessment is also being undertaken as part of the study. It has identified three properties within the study area that are listed on the City of Burlington's Municipal Heritage Register. These include:

- Nether Lane, The Henry P. Nimzerman House at 4249 Appleby Line;
- The Zimmerman Homestead at 5012 No. 2 Side Road; and
- Springloam Farm, the Johnston Zimmerman House at 5071 No. 2 Side Road.

Slide 12 (Problem and Opportunities)

The Region has previously implemented operational improvements at the Appleby Line and 2 Side Road intersection including flex bollards and signage to restrict the left-turn movement and reduced the speed limit.

This Study is being undertaken to consider a range of alternatives to support a permanent long-term solution for the intersection including both geometric and operational improvements.