

Bed-Level Stream Crossing

Trent River Tributary

A bed-level crossing was constructed to allow livestock to cross a tributary of the Trent River without causing further erosion and bank instability. Native trees and shrubs were also planted along the length of the stream to establish riparian vegetation.



Livestock have had free access to this stream running through a pasture field. Over time the banks have been trampled, causing erosion and a loss of all woody vegetation.

The construction of a bed-level crossing will help prevent further erosion and protect the provincially significant wetland located just downstream of the pasture.

An excavator was used to create approaches on either side of the stream at a slope of 3:1.

Once the approaches were level, round river stone was laid to provide a stable crossing surface for livestock.



The river stone will prevent further bank erosion and limit the amount of sediment entering the stream when livestock cross.

Fencing erected along the length of the stream will keep livestock out of the water, except for at the crossing location.



In addition to creating the livestock crossing, native shrubs and trees were planted along the length of the stream to improve riparian health. The trees and shrubs will shade the stream and provide bank stability, helping to improve overall stream health.

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