



CASE STUDY

MSE Slope - Titan Earth Slope™ Honeycomb System

LOCATION: Ontario, Canada

PROJECT TYPE: Product Supply

PRODUCT USED: Titan Earth Slope™ - Honeycomb System



CHALLENGE:

This project consisted of the replacement of culverts in two locations along Concession Road 10 in the township of Clearview, Ontario. The project covered a 0.6 mile (1km) stretch, requiring the complete removal and reconstruction of the roadway while being restricted by the site's complex slope geometry and adjacent properties ROW.

TITAN SOLUTION:

Titan's Engineering Team, which specializes in Mechanically Stabilized Earth (MSE) and Retained Soil Systems (RSS), worked closely with the contractor and the engineer to help design over 10,764ft² (1000m²) of the 60-degree Titan Earth Slope™ - Honeycomb System.

ACHIEVEMENT:

The solution provided an economical, eco-friendly, sustainable vegetated slope, which not only pleased the customer but also showcased Titan's expertise as a global geosynthetic expert. The ideal outcome was achieved while maintaining the required 75-year design life.



Pre-vegetated slope



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Installation in progress



Installed system pre-vegetation



System post-vegetation



Completed Titan Earth Slope™ - Honey Comb system