



CASE STUDY

Shoreflex®- Culvert End Treatment



▼ **LOCATION:** Rockglen, Saskatchewan

▼ **PROJECT TYPE:** Product Supply

▼ **PRODUCT USED:** ShoreFlex®



▼ **PROBLEM:**

Standard practices for culvert installations call for the ends of the culverts to be armored. The problem here was that typical rock rip rap was not readily available and was going to be very expensive to use as an armoring solution.

▼ **THE TITAN SOLUTION:**

Titan supplied ShoreFlex®, a high-strength geogrid encapsulated in a matrix of concrete blocks used for the end treatment of culverts. Normally, the finishing treatments for these culverts would be rip rap. Because of the higher expense of rip rap as well as the lower-end performance, Titan proposed ShoreFlex® as a superior and more cost effective alternative. Not only is it less expensive it allows for vegetation and can be mowed over which is not possible with rip rap. ShoreFlex® is also held in place whereas rip rap can be removed or shifted with the passing of water.



▼ **ACHIEVEMENT:**

Titan supplied the product and offered installation assistance on site. The installation went quicker than expected, and Shoreflex® is proving to be a viable solution.

Contact us for more information:

TITAN ENVIRONMENTAL CONTAINMENT

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