

Streambank Stabilization-An Engineered Solution



103rd & Metcalf, Overland Park, KS

Owner: Brad Vince – Vince & Associates

Engineer: **BHC**
BRUNGARDT HONOMICHL & COMPANY, P.A.
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Contractor: Pre-Eminence Construction



This property located adjacent to a tributary of Indian Creek was highly eroding at the toe of the creek. The City of Overland Park required the stream bank to be protected from further erosion prior to development. Brungardt and Honomichl contacted CONTECH Construction Products to assist with a bioengineering solution.

CONTECH worked with the Engineer to propose stabilizing the streambank toe with A-Jacks. A-Jacks are concrete units utilized to reduce the amount of water energy at the toe of the slope. A high performance turf reinforcement mat "Pyramat" was utilized to stabilize the bank and provide a fully vegetated solution.

Using these products for stream bank stabilization allowed the owner an aesthetically pleasing solution to this application.

This design practice combines the traditional "bio-engineering" solution with products that have significant testing history.

Contact CONTECH Construction Products for assistance with similar applications.



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