



Heath Creek Streambank Stabilization

[HanesGeo.com](https://www.HanesGeo.com)

Location:
Desoto, Texas

Products:
Flexamat Plus
Scourlok

Installation Date:
2023

Application:
Streambank Stabilization

Engineers with the City of Desoto, Texas were struggling to meet their budget allowance for repairing an eroded streambank near a local church. The erosion became so severe that the parking lot of the church was in danger of falling into the creek below. Originally, the Engineers considered repairing the wall with gabions, but the estimated cost was far outside their budget.

The city approached Hanes Geo Components in search of an alternate solution. Our team, along with Shield Engineering, proposed a redesign utilizing Scourlok to protect the toe while reducing the slope ratio from 1:1 to 1.5:1. The rest of the slope would be protected with Flexamat and Crossplate anchors. The new solution was 1/3 of the cost of the gabion proposal, resulting in significant cost savings for the city while maintaining the integrity of the church parking lot.



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