

# CHARLOTTE MONROE EXECUTIVE AIRPORT

MONROE, NC



<b>Application:</b>	Geocomposite Edge Drain
<b>AWD Product:</b>	SITEDRAIN Strip 9412 - 12"
<b>Quantity:</b>	16,050 LF
<b>Owner / Designer:</b>	Talbert & Bright Architects
<b>Contractor:</b>	Curtain Trucking / Boggs Paving
<b>Year Completed:</b>	2013

## PROJECT OVERVIEW

In October of 2013 officials at the Charlotte-Monroe Executive Airport noticed that the pavement on one of the runways needed to be replaced. They brought on engineers from Talbert & Bright to help figure out a way to efficiently drain water away from the subbase of the runway to prevent the pavement from cracking/ deforming.

Talbert & Bright saw the value in specifying prefabricated geocomposite edge drains for this project. Geocomposite edge drains provide solutions for excessive water buildup in the pavement system by creating a positive and rapid drainage system for water that enters the pavement structure. The result is a sustainable, cost-effective design that reduces expensive maintenance requirements.

Curtain Trucking was awarded the contract for the installation of 16,050 linear feet of a prefabricated geocomposite edge drain. AWD's SITEDRAIN Strip 9412 was called out in the specification for edge drainage and was sold through American Wick's strong distribution network.

Curtain used a Vermeer trencher and a permeable sand backfill to ensure the system was properly installed and would perform efficiently.