

PROJECT PROFILE



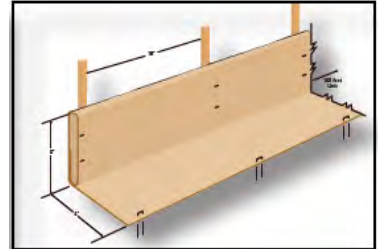
Project Basics

Project Name: Rutherfordton Highway Project
NC DOT

Installation Date: 2023

Product Type: Western Green WattleFence

Project Location: Rutherfordton, NC



Project Overview

The Rutherfordton Highway Project, initiated by the N.C. Department of Transportation, aims to build a new five-mile highway, enhancing travel and industry in Rutherford County. This ambitious \$109.2 million project includes creating a four-lane highway with interchanges and a bridge, designed to alleviate congestion, improve safety, and shorten travel times along the U.S. 221 corridor.



Challenges

One of the critical challenges in such large-scale infrastructure projects is managing terrain stability and runoff, especially in sloping areas and near water run-offs. With all of the cut and fill slopes that are needed to carve the new road's foundation out, the DOT needed a product that could protect the slopes and drainage channels from failure, while also protecting the environment.

Solution

Western Green's WattleFence was chosen for its proven effectiveness in slope interruption and ditch checks. Constructed from all natural, renewable materials and supported by wooden stakes, this eco-friendly solution excels in filtering sediment and slowing water flow, key to controlling erosion without introducing any plastics to the environment. The WattleFence's durable design ensures robust erosion control, essential for the structural integrity of the new highway. Its application in the Rutherfordton Highway Project demonstrates Western Green's dedication to innovative, sustainable erosion control, enhancing the road's longevity and safety, and underscoring the product's versatility in major infrastructure endeavors.



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Western Green
4609 E. Boonville-New Harmony Rd., Evansville, IN 47725
(800) 772-2040 | www.westerngreen.com