



Jamestown-Scotland Ferry

James River, Virginia

Overview

Scotland Ferry have used large wood pile clusters for guiding the ferries into the terminals; and every year, they have to replace damaged and rotting piles. The monopolies bend, but don't break during ferry impacts. The increased structural capacity and the corrosion resistance greatly reduce maintenance costs.

Pilings

Diameter (in.)	Wall Thickness (in.)	Length (ft.)	Quantity
48	2	100	8

Installation Method: Impact Hammer

Installation

Owner: Virginia Department of Transportation

Engineer: WRA

Contractor: Marine Contractors

Installation Date:

Phase 1: March 2019

Wales

Special Features

- Fiber architecture maximizes bending properties for 80 feet and transitions to crushing properties in top impact

