

PROJECT: CULVERT REPLACEMENT  
LOCATION: TEXAS

## Project Description and Location

In Huffman, TX, a bridge was seriously damaged during the tropical storm Imelda in September 2019. The existing two corrugated metal pipes had succumbed to corrosion and failed, leading to soil movement and a partial collapse of the road.

## Project Scope

In response to this emergency, Harris County Engineering Department considered several options. Plasson USA responded fast and provided the solution, three 72" profile-wall HDPE pipelines with tapered ends.

## Project Status

Installed Winter 2019

## Project Benefits

While profile wall pipe is not for every application, its strength, corrosion resistance properties and ease of installation offered an attractive alternative to other large diameter solutions. The contractor's team received instruction and advice from Plasson USA representatives, who were present during the installation process.

## Project Impacts

The 72" pipe diameter has been calculated so they will withstand a 500 years flood event. By choosing Spirolite, Harris County can now rest easy because of a leak-free system, with virtually no maintenance necessary for the next 100 years.

