



*Delivering innovative trenchless technology solutions
to rehabilitate the world's diverse infrastructure*

► **CARBON FIBER REHABILITATION — 48” PCCP WATER MAIN**

Project:

Carbon Fiber Rehabilitation of 48” PCCP Water Main

Location:

Miami, FL

Profile:

The Miami Dade Water & Sewer Department (MDWS) hired Lanzo Trenchless Technologies to perform the water main rehabilitation work needed on four (4) 48” Pre-Stressed Concrete Cylindrical Pipes (PCCP) within the same water main segment. The access manholes were located on a major roadway and distances from the manholes to the repair piping ranged from 60 feet to 800 feet. All work was performed and inspected by MDWS.



Carbon Fiber Rehabilitation

Lanzo Trenchless Technologies used a carbon fiber mesh and application process where two different meshes were applied. Lanzo Trenchless Technologies performed the work within a major roadway with multiple crews on a 24 hour-a-day basis until the job was completed. Access was maintained and the impact to traffic was minimal.