



PIPELINE FOUNDATIONS

CHANCE[®] Helical Piles and Anchors provide an excellent answer for the support and stabilization of oil, gas and other pipelines.

Environmental forces such as water current and shifting sand or soil create major concerns in the design and construction of all pipelines. Pipeline stabilizing is employed where a pipeline passes through areas subject to seasonal flooding or a fluctuating subsurface water table. Proper stabilizing with helical piles and anchors will eliminate damaging lift and drag forces and help keel the line in service. Helical piles and anchors offer several cost-efficient advantages over traditional methods of stabilizing pipelines.

Stabilize your pipeline regardless of buoyancy.

Stabilization design of a pipeline is based on the shear strength of the soil and/or on the over-burden pressure of the soil on the anchor. CHANCE[®] Helical Anchors do not require the physical weight of the pipe or soil to overcome the buoyancy of the pipe in water or underground. Cost savings are significant not only in the material but also in installation and transportation costs. One anchor set, which weighs approximately 250 lbs., can replace 100,000 lbs. of concrete on a section of the pipeline.

Whether you're supporting above-grade lines or holding down/restraining pipelines, contact our support staff and let us help you realize the cost savings inherent with our pipeline foundation systems.

**Foundation
Technologies, Inc.[®]**

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