



## SEAWALL AND BULKHEAD REPAIR AND PRESERVATION

When a seawall or bulkhead presents depression in the soil behind the wall, cracks in the concrete slab, rust stains on the surface, or movement, deterioration is occurring and failure of the wall is likely. Should the wall fail, catastrophic damage can occur. This deterioration is caused by unstable soil behind the wall, which is a result of erosion, poor compaction, the freeze/thaw cycle, decomposition, or excess water saturation.

**Failing seawalls and bulkheads can be repaired with Intech Helical Tieback Anchors.**



### Benefits of Helical Anchors

- No excavation or spoils
- No concrete or grout (eliminating cure time)
- Can be installed from land or water side
- Quick installation and provides instant tension
- Removable and extendable (allowing relocation if an obstruction is encountered)
- No impact on landscaping and minimal cleanup
- Can be installed underneath structures
- Can be installed in limited access situations

## HELICAL TIEBACK ANCHOR

The Intech helical tieback anchor is a superior solution compared to a conventional deadmen method because it reduces the need for excavation, is installed remarkably quickly, and creates tension immediately.

Our anchors are classified as soil anchors and the loads are developed based on the capacity of the soil behind the wall. The holding capacity is proportional to the installation torque of each anchor. The length and bearing area can be adjusted in the field to meet the specified load requirements for the project.

Because each seawall and bulkhead project is unique, our professional engineers and team of experts are available to assist throughout the entire process, from design to completion.

