



Bottom Line:

- Aestus was retained to image the construction of the coastal bulkhead at the above pictured site in Florida, prior to planned renovation of the marina.
- Evenly spaced anomalies were detected at consistent depth; suspected to represent the location of grouted tiebacks.
- Grouted tiebacks are typically constructed as steel rods drilled through a concrete wall and into the soil on the other side. Grout is then pumped under pressure into the tieback anchor holes such that the rods can utilize soil resistance to prevent tieback pullout and subsequent wall destabilization. The presence of the grout can cause relatively electrically resistive anomalies to appear in Aestus' subsurface images.