

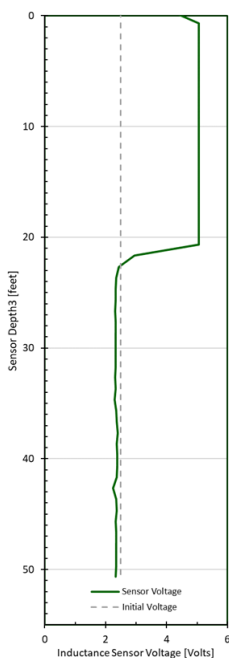


## Length Inductive Testing Equipment (LITE) Services

Length Inductive Testing Equipment (LITE) services are provided by GRL Engineers to assess the length of unknown steel foundations. The test can be performed on steel sheet piles, H-piles, pipe piles, cased portions of drilled shafts, and in some instances highly reinforced drilled shafts. The LITE probe is lowered into a PVC cased drilled hole located within 18 inches of the foundation. The LITE detects whether metal is present or not present with the effective radius. Data interpretation is straightforward. Provided the probe senses the proximity of metal, it will display a high voltage. Once the LITE probe is below the steel or steel reinforced foundation depth, the absence of detected metal will cause a zero or negative value which can be used to ascertain the foundation length.

### Benefits of Length Inductive Testing Equipment Services

- Length inductive testing can be performed without directly impacting the steel sheet pile by using a separate borehole where a probe is lowered into the hole
- Allows for quick inspection on site and can positively affect project timelines
- Along with determining unknown steel pile lengths, length inductive testing can detect unexpected metal fragments or obtrusions



### GRL Engineers, Inc.

Corporate Office  
Ohio

### Office Locations

California	Georgia	Louisiana	Pennsylvania
Colorado	Hawaii	Massachusetts	Texas
Florida	Illinois	North Carolina	Washington

