

Deep foundation systems, comprised of driven piles, typically require load testing to verify the ultimate bearing capacity, hammer efficiencies, and pile integrity. Traditional static load tests are time consuming and expensive, limiting the number of piles that can be tested on a project. Dynamic Pile Testing (DPT) is often a replacement for, or supplemental to, static testing.

## DPT Services

- Dynamic Pile Testing (DPT) utilizing the Pile Driving Analyzer®.
- ASTM D4945: “Standard Test Method for High Strain Dynamic Testing of Piles”.
- Wave equation analysis, utilizing GRLWEAP® prior to pile driving activities.
- Perform CAPWAP® analysis on collected data to verify field bearing capacity estimates.



## What Differentiates ATL?

- ATL exceeds the 10 years experience specified by NYSDOT for performing Dynamic Monitoring, Wave Equation Analysis, and CAPWAP Analysis of driven piles.
- Our experienced engineers have been performing DPT services since 2003, and have dynamically tested over a thousand piles on hundreds of projects.
- Our staff of qualified Engineers have extensive experience with all types of piles in various field conditions throughout New York, New England, and Pennsylvania, providing a better understanding of project conditions.
- ATL’s Engineers are qualified through Pile Driving Contractors Association (PDCA), Dynamic Measurement, and Analysis Proficiency Test.



**Contact our service area expert for more information:**



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