

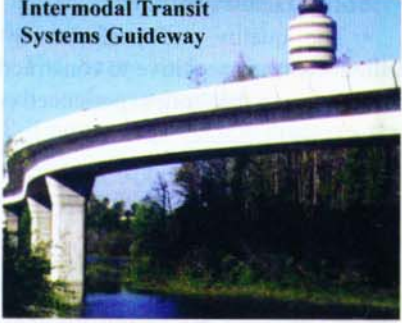
Construction Excellence Goes Hand-in-Hand with Assuring Foundation Quality

The Pile Driving Analyzer® (PDA) from Pile Dynamics was used to assure the quality and evaluate the bearing capacity of foundations of several projects that recently won construction awards in the United States.

Seven test piles supporting a seawall that is part of the South Riverwalk Park in Trenton, New Jersey, were tested with the PDA by the Pennsylvania office of GRL Engineers, Inc. The H-piles were 100 ft long. The South Riverwalk Park was the



Fort Lauderdale
Airport Interchange



Intermodal Transit
Systems Guideway

New York Construction Project of the Year in the category Site Landscaping. The foundation of the Fort Lauderdale (Florida) Airport Interchange consists of pre-stressed concrete piles. The Florida office of GRL Engineers, Inc. performed dynamic pile tests using the PDA to evaluate their capacity. This project involved balanced cantilever pre-cast concrete segmental bridges, with an aesthetic result that won an Excellence in Concrete Bridge Construction Awards from the Portland Cement Association. The Intermodal Transit Systems Guideway, in Orlando, Florida, is a cast-in-place concrete box superstructure of great beauty, also a winner of a 2004 Excellence in Concrete Bridge Construction Award from the Portland Cement Association. Steel pipe piles dynamically tested with the PDA by the Florida office of GRL Engineers, Inc. support the project.

Last but not least, the Pile Driving Contractors Association Project of the Year was the Minneapolis (Minnesota) Waste Water Treatment Plant. The innovative use of PDA dynamic testing in this project resulted in savings of one million dollars and in a reduction of two months of construction time.

The PDA is only one of many instruments manufactured by Pile Dynamics, Inc. The company offers quality assurance equipment for driven piles, drilled shafts, and augercast (CFA) piles. ■

استخدم محلل مدقات ركائز الأساس (PDA)، صنع شركة Pile Dynamics في العديد من المشاريع الهامة في أميركا، منها مشروع مينيا بوليس الذي اعتبر مشروع العام في الدولة. استخدام (PDA) في المشروع المذكور سمح بتوفير مليون دولار عبر اختصار شهرين من الوقت. ومؤخراً حصل هذا المحلل على جائزة الإنشاءات الأميركية.