

52HV working in the expansion of Port Canaveral, Florida, USA.



Port Canaveral is a cruise, cargo, and naval port in Florida, United States. The Canaveral Port Authority is constructing two adjacent heavy-duty cargo wharfs in the West Turning Basin.



The objective with these new docks is to expand the current bulk cargo commodity demand, in addition to planning for the future increase in the port's container traffic market.

The company, Orion Marine, is responsible for the construction of the new cargo docks. For this, the contractor built a pier wall that had the cap poured first and later on it drove with **PTC 52HV Vibrodriver** 216 permanent casings of 24" (609 mm) diameter and 128' (39 m) long.

The 52HV's variable moment technology was a key to perform a resonance-free driving of the permanent casings without damaging the 3000' (914 m) long concrete wall already in place. The use of such technology in Florida is growing due to the rise in environmental concerns.

KEY FACTS

- 216 permanent casings:
 - 24" (609 mm) diameter
 - 128' (39 m) long
 - 7/16" (11 mm) wall thickness
- Driving time: Less than 5 min
- Power pack: 600D
- Clamp: 120 t Duplex clamps

