Dredging equipment used to deepen or widen a channel is determined by site characteristics, such as the type and location of sediments along a channel bottom. Dredging is simply the removal of materials, as necessary, to provide the authorized depths and widths within a project footprint. Geotechnical surveys, additional field measurements, such as bathymetric surveys and modeling are critical components of the project design and analysis.

Potential dredged material placement options:
- ODMDS (Ocean Dredged Material Disposal Site)
- Upland dredged material placement sites
- Beneficial use of dredged material

LIMITED CHANNEL WIDTH DUE TO INCREASED VESSEL SIZES & VESSELS AT BERTH

MIAMI HARBOR NAVIGATION IMPROVEMENT STUDY

ENGINEERING CONSIDERATIONS
DESIGN & CONSTRUCTION