

PILE SOLUTION is an optimum solution to install foundation piles using dramatically less pile material.

It is not necessary to purchase and transport heavy pipe or PC piles.

An impact hammer drives the pile to achieve the same or higher capacity than steel pipe or PC piles.

PILE SOLUTION is a newly invented state of the art foundation pile that provides:

- guaranteed pile integrity
- extremely high continuous supply and installation rate to meet schedule
- significant savings

SIGNIFICANT COST SAVINGS (as compared to all other pile types: precast pile, pipe pile, H pile, etc.)

Manufacture and install any diameter (from 6 INCHES to 16 FEET) and length (to any penetration depth) required.

Constant diameter (from 6 INCHES to 16 FEET) from tip to butt option.

Variable diameter from tip to butt option. Upper sections may be of lesser or greater diameter than the first (bottom) section if required for special design considerations. For example, a lesser diameter upper section can diminish downdrag (negative friction). A larger diameter upper section can allow a larger diameter reinforcing cage to resist lateral load.

Interlocking Soil to Soil Side Friction achieves higher capacity than other pile types of the same diameter and length. Soil locks in exterior circumferential corrugated valleys and ridges.

Manufacture and install piles at a continuously high rate to meet fast track schedule.

Manufacture pile material on-site or in proximity to site to maintain constant supply and eliminate transportation (and all uncertainties associated with the reliabilities and costs of transportation).

Custom select (vary) pile section lengths manufactured and placed in piledriver leads to match required length - resulting in no or minimal cut-off thereby maximizing material use efficiency and minimizing waste yielding great savings.

Install piles faster than other pile types assuring project will meet fast track schedule.

Guaranteed verifiable structural integrity of every pile via the ability to inspect pile interior prior to placing concrete.

Reinforcing cage easily placed in pile butt (prior to concreting) is positively connected to pile cap providing required fixity.

No conditions, exclusions, hidden or additional costs for splices, pile cut-off, disposal of pile cut-off, mats, etc.

This pile solution provides complete flexibility for the instantaneous on-site manufacture and installation of any diameter (from 6 INCHES to 16 FEET) and length (depth of penetration) combination required for any loading (compressive, tensile, lateral, moment) condition(s).

For more information, email

William@PILESOLUTION.COM