

I-495 Washington Capital Beltway



Type of Project	Erosion Control
Purpose of Piling	Permanent Retaining Wall (Protecting MSE Wall Foundation)
Site Location	Maryland, U.S.A.
Duration of Work	December 2004 to May 2005
Client	Concrete General and State of Maryland Department of Transportation
Piling Contractor	Giken America Corporation
Press-in System	Press-in Method with Simultaneous Augering and GRB System
Press-in Material	Z Sheet Pile PZ22 26Ft.(7.92m) to 30Ft.(9.14m)
Press-in Machinery	Super Crush Z Piler SCZ-675SM, Clamp Crane 10t
Method Description	Installation of piles adjacent to Beltway without disrupting traffic. Use of the GRB system to penetrate rocky soil in a confined space between a Beltway and a river without damaging existing structure.

