

Non-staging Method



U Sheet Pile Press-in Method
Hard Ground Press-in Method
GRB System
Narrow Access Method
Rail Safe Method



Project Name	Chesham to Chalfont & Latimer, Earth Structures MO32/EM10
Purpose of Project	Upgrade the sections of the earth structures
Location	Between Chalfont & Latimer to Chesham stations, UNITED KINGDOM
Employer	London Underground Ltd.
Main Contractor	Cementation Skanska Ltd.
Piling Contractor	JN piling Ltd.
Duration	August 2013 to November 2013
Press-in Machinery	GV-ECO700S with Super Crush, Clamp Crane CB2-5, Pile Runner TB-3
Pile Section & Length	PU28-1 sheet piles, L=6.0-9.5 m, 335 no.
Features & Remarks	<p>With well-established operational safety, the GRB system enabled day time piling work without causing disruption to active railway traffic.</p> <p>Utilising a small Auger head rather than traditional methods enable piling work with minimal ground displacement.</p>