



### M4 Agricultural bridge upgrade

A series of agricultural bridges along the M4 between Swindon and Chippenham required upgrading .

The ground conditions were very variable, as each bridge was some distance apart, requiring the use of a number of different piling techniques, as well as one site having restricted access

Foundation Piling provided;-

- 1) A Rotary Bored Piling rig where the 450mm diameter piles need to be cored through bands of strong Limestone to achieved the specified depth.
- 2) A CFA machine for a site where wet cohesionless deposits were encountered.
- 3) A restricted access segmental kelly bar rotary piling rig capable of drilling 23m in cohesive soil with a headroom of only 4m.

