

18.11.10 Case Study : M4, Wiltshire

Enterprisemouchel is the UK Highways Agency Managing Agent Contractor for Area 3 which includes the M4 motorway. As part of an ongoing programme Enterprisemouchel needed to clear and repair an interceptor drain adjacent to the M4, with a key project requirement to introduce a series of cascades in order to reduce the water flow rate. Originally a series of pipes and headwalls were considered but concerns over pipe blockages meant an alternative design was sought.

Concrete Cloth (CC) provided a solution that prevented erosion, suppressed weed growth and eliminated the maintenance issues associated with blocked pipes. CC enabled simple and cost effective cascades to be constructed using concrete bagwork, over which the cloth was easily laid. Due to the size of the drain the cloth was laid across the width allowing a 20m section was laid by a team of 3 workers in only 1 day.

