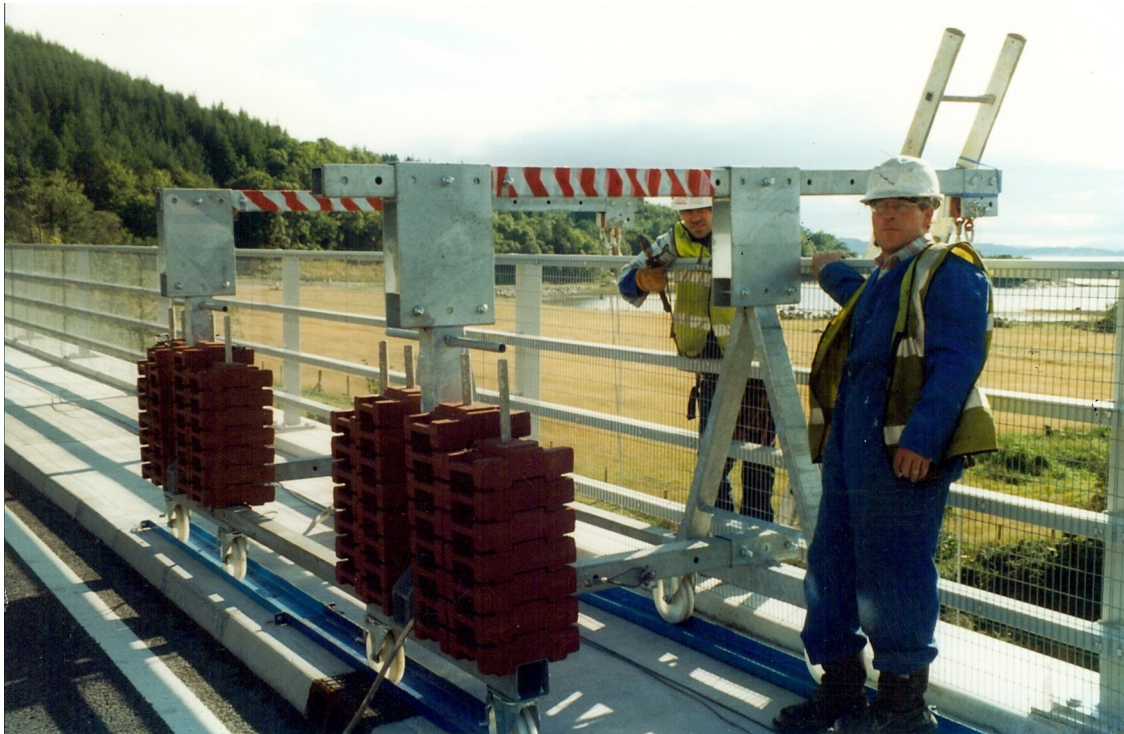


Creagan Bridge

Bridge Cantilever Access Method



ALPS Delta Suspension Beam with 1M reach; 1.2M rear of fulcrum & raised to clear the parapet is fitted with 30 X 25Kg (750Kg) captive weights on each beam ensuring a 3-1 coefficient of safety. The suspension beams run in free laid tracks and are propelled and restrained by hand operated wire rope winches.



The inner portion of the Suspended Access Platform is suspended from the existing bridge runway beams via beam trolleys whilst the outer portion is suspended from the mobile davits. The modular Steel Truss Frame platform has a working area of 2.44M X 3M. Access to and from the platform is via secured ladder and inertia reel safety device.

This access system is quickly assembled and rigged by a small team of installers and can be moved from east to west bridge cantilevers quickly with minimum disruption to the workings of the bridge above.



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