



Project Name: Kings Road Sub-Way Remediation Project

Client: Bradford Metropolitan District Council

Value: £45,000

Date: July 2017 to Sept 2017



Hinko were awarded this contract as part of their Highways Structures Framework.

The Kings road sub-way had suffered neglect and vandalism over its 40 year life, in addition to this there was significant groundwater ingress.

Hinko were employed to fully refurbish the subway and devise a solution to stop the water ingress.



To stop the water ingress Hinko utilised pressure resin injection techniques. This involved drilling holes at 500mm centres along the length of the subway's soffit which was constructed out of pre-cast segmental tunnel sections.

Utilising inhouse resource the Hinko teams then pressure injected an epoxy polymer slurry into each drill hole. This forced the slurry around the exterior of the subway barrel fully sealing it.



The epoxy polymer utilised we design to react with water which made it harden sealing any ingress points.

The technique was successful and the underpass showed no signs of water ingress.

The remained of the works was primarily cosmetic, painting, tile replacement but the Hinko team did also replace the delapidated lighting system.

The project was delivered on time and on budget making substantial improvements to the local area.

