



Leak Sealing & Waterproofing • Concrete Repairs • Crack Injection • Pressure Pointing & Grouting • Structure Condition Surveys • Protective Coatings • Joint Sealing
Diamond Drilling & Sawing • Concrete Bursting & Crunching • Robotic Demolition

Scheme: **Dean Lane Bridge, Yeadon, Leeds**
Problem: **Long term settlement and movement of retaining wall, parapet and culvert arch**
Solution: **Take down and reconstruction of affected parapet and retaining wall, construction of new concrete drainage channel and local repointing**
Client: **Leeds City Council**
Main Contractor: **Ram Services Limited**

Following closure of Dean Lane for a three week period, Ram Services Limited's masonry team dismantled the defective length of parapet and retaining wall each side of the arch barrel, and then reconstructed the wall with a concrete backing to the correct alignment.

The parapet was then rebuilt and weepholes installed to assist drainage from the road surface.

To combat future problems, a V shaped concrete drainage channel was constructed along the base of the wall to intercept an existing watercourse and direct the flow into the stream below the bridge.

Additional work carried out included local repointing to the arch barrel and spandrel on the opposite side of the bridge, and re-profiling of the channel bed to ease stream flow through the arch

Contract duration: **February - March 2013**

Contract value: **£28,000.00**

