

Project Name: Blackshaw Mills Retaining Wall

Client: Bradford Metropolitan District Council

Value: £95,000

Date: Oct 2016 to Dec 2016

As part of our framework contract with Bradford Council Hinko Construction Ltd were awarded this 12week retaining wall remediation project.

The existing wall is approximately 70m long and 1.2m high on the footpath side and 5m on the adjacent side. The wall had suffered movement over the years, collapse and was in a poor state of repair. Site investigation had identified voids behind the wall which needed filling.



The works involved re-building sections of the existing wall, raking and pressure pointing the existing wall joints, and pressure grouting to the rear of the wall, and increasing the height of the existing parapet to a complaint level. This also includes temporary works and access.

The project was planned in detail and involved a full access scaffold system to give the site teams good safe access to the work faces. The initial works involved raking joints to a depth of 75mm and jet washing to remove loose materials. The entire wall was then pressure pointed and grout tubes installed to the rear of the wall.

Where necessary the wall was dismantled and re-built, this was done from road level and off access scaffold. Once the pressure pointing was complete and cured the pressure grouting operation could commence. The plan was to pump 100t of grout to the rear of the wall to assist with stabilising it. Care was taken with the grout design to ensure the right solution was designed for the wall in hand.

Using in house resource the Hinko team installed the grout stabilising the wall.





The Hinko team possess the ability and skillset to undertake all aspects of this project in house, this allows the company to control delivery of the project and are fully responsible and accountable for programme, cost and quality.

The project was a success and received numerous positive comments from the local community.

Utilising its own in-house resource Hinko were able to deliver the project to the client's satisfaction in line with budgets and prescribed timescales.

