

 **Year 2 Capex Tactile Installation****£1.2m**

/ Project Value

June 2020

/ Project Commenced

March 2021

/ Project Completed

Network Rail

/Client

Project Introduction

Following a review by the RAIB, stations across the UK are required to install tactile signage to identify the edge of the platform for visually impaired passengers. BCM completed all planned improvement works which consisted of 100 platforms across 43 Stations in the Sussex, Kent and London area, installing in excess of 16,500m of tactile to improve train journeys for this disabled group. This was a self-delivered contract with Equate Design expertly delivering on the design and surveying and BCM Construction executing the works.

**The Deliverables**

The purpose of this project was to install tactiles. Works were planned to utilise existing access opportunities, Line blocks and possessions. The project used 2 different types of tactiles, tiles and paving.

Visul & Viztek Blister Tactiles

Clean platform, check surface condition and set out tactiles using chalk line. Adhesive was mixed as per instruction. This is poured and spread with tactile laid immediately. Tactiles laid for length of platform.

Traditional Concrete Tactile

Set out tactiles using chalk line. Use floor saw to cut tarmac then excavate area for new tactile. Lay new tactile paver on sand bed and tap into position. Reinstatement of platform behind tactile with new surfacing and new yellow and white lines if required.

The Objective

Self deliver 100 platforms across 43 Stations in the Sussex, Kent and London area, installing in excess of 16,500m of tactile. With the wide assortment of stations, historic features, and diverse requirements, four different tactile methods were to be used for the renovation works. Two stick on tactile solutions were used; Viztek and Visul with Visul also supplying the specialist adhesive for use with the tactiles. Marshall's traditional concrete tactile was also needed for several platforms as well as stainless steel studs as an alternative to the traditional/stick on tactiles. This was on a historic listed timber Platform at Brighton Station.

The Challenges

The biggest challenge to contend with during these works was the weather conditions, especially with the stick on Tactiles. This is since they cannot be installed when conditions are too cold and wet. Further challenges are the accessibility hours when working midweek nights as the duration of time to work is minimal and curing times need to be allowed for, before the first passengers arrive at the station.

The Solution

The challenges were solved by experienced staff taking in-depth training from both Visul and Viztek until our teams were deemed equipped to fit the tiles to the industry standard. Further to this, BCM employed Viztek supervisors for the first couple of weeks for quality control and to ensure BCM were hitting the standards.

Outputs and Benefits

BCM surveyed and produced survey reports for each platform prior to the work starting. At several sites it was identified that the existing platform surfaces were unsuitable meaning the platform surface needed to be broken out, resurfaced and after a 28-day period we were then able to lay the stick on tactiles. 3 teams overseeing the scope of works. 2 of the teams specialise in the installation of stick on tactile with the third team focuses on resurfacing and the installation of traditional tactiles.

