



## Project:

**Crossrail – Acton Dive-Under**

### KEY FACTS

#### Location:

Acton

#### Value:

£79,000

#### Duration:

6 Months

#### Clients:



The Acton Diveunder project was constructed to stop London-bound Crossrail trains being delayed, by freight trains entering and exiting Acton goods yard. The rails passing through the diveunder have been installed on a slabtrack system. The slabtrack system consists of concrete sleepers cast into a structural concrete slab all installed to very fine tolerances (+/- 2mm on finished level). TAG Construction Ltd were employed to assist with preparation of each bay to be poured, and carryout the placing / finishing of the ready mixed concrete. The 730m of slab track was installed, in 20m long bays, within the narrow confines of the diveunder and its surrounding access constraints. Despite these logistical challenges outputs of 2 completed bays every 2 days were achieved completing the whole slabtrack installation in approximately 2 months. The whole of the 730m run had to be finished by hand working around the precast sleepers and under the pre-installed rails. Due to the nature of the concrete mix used, a lot of this finishing was carried out by a second shift working well into the night to achieve the desired finished profile and surface texture. Following on from their involvement with the slab track installation TAG Construction Ltd also assisted with the completion of blockwork walls, they formed insitu dished drainage channels into the existing concrete walkways, installed GRP inspection / drainage panels in the completed blockwork, and raked out and prepared of movement joints in the slabtrack prior to sealant works.

