

Project Profile - Civil Engineering & Infrastructure

PROJECT

**Fore Street Tunnel, Edmonton
(A406 North Circular Road)**

SUMMARY

Rapid permanent reinstatement of manhole cover of a major highway

PRODUCTS

Fastfill

CLIENT

Transport for London

CONTRACTOR

Fitzpatrick Contractors Limited

BACKGROUND ►

Urgent repairs were needed to a dilapidated concrete infill manhole cover in the western bore of Fore Street Tunnel.

This forms part of a heavily trafficked main ring-road around London. The first thought was to make a temporary localised repair with an acrylic/epoxy flexible filler and return some 10 days later to effect a permanent repair to the whole cover. Working immediately adjacent to fast-moving traffic, the contractor needed to reinstate the integrity of the surface within a very tight working window.

THE SOLUTION ►

Fastfill, an OPC based fast setting fibre reinforced structural repair mortar, was proposed and used with great success. **Fastfill** has the speed and ease of application of a temporary repair solution but the strength and resilience of a permanent repair, removing the need for two separate operations. In this case, the **Fastfill** repair was laid and, within as little as two hours, subjected to the usual heavy traffic volumes. Impressed by the result, the client, Transport for London (TFL) will be recommending its use on similar projects in the future.



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