

Footway Improvement- **Arbour Lane**

SITE- Arbour Lane, Chelmsford

CLIENT- Essex Highways

VALUE- £500,000.00

SIZE- 5,500m²



This project for Essex Highways on Arbour Lane, Chelmsford, was commissioned to improve local footways which had fallen into disrepair.

We operated 3 sites, running concurrently on Arbour lane and two connected roads, with TM tied in to the works schedule in order to avoid clashes. We began with vegetation clearance overhead to some areas with tree growth to give a minimum clearance of 2.5 metres. We then excavated the footway up to 185mm and reinstated with a Type1 20mm base/binder course and a 6mm surface course. To improve drainage, we installed a new gully pot and connected it into the existing system to alleviate flooding, which proved complicate due to the existing levels. Once the proposed area for the gully pot was excavated, it became apparent that there was a need to increase the size of the carriageway patch to achieve the correct crossfall and meet the levels for the tie-in for the gully to work successfully.

Kerbing works included the reinstatement of kerbs, removing damaged and sunken kerbs. A section of damaged pedestrian guard rail was also replaced. Throughout the works there were many shallow services, which made hand excavation and numerous trial holes crucial to make sure nothing was hit. Using this method, the works were successfully carried out with no service strikes.