



CASTLEWAY CROSSING, CARLISLE

Value: £290,000
Completion: September 2017

Duration: 20 weeks
Contract: NEC 3 Option B



Installation of a new traffic signal controlled crossing to an inner city dual carriageway and new raised speed tables to side roads within a conservation area

WORK INCLUDED

- Removal of the temporary bridge that was installed after the flood damage.
- Construction of a new culverted structure
- Improvements to watercourse resilience
- Installation of ducting in the footpath for the new traffic lights. Care had to be taken to avoid existing fibre optic cables by hand digging
- Night time working
- Traffic management to the dual carriageway which involved lane closures and pedestrian temporary walkways
- Road crossings for ductwork
- Sandstone and Granite paving laid on a high strength proprietary mortar with high strength free flow grout.
- Road closures were required for the speed table installation. Extensive stakeholder engagement was required for this work as there was no alternative diversion routes.
- Installation of traffic signals
- Street lighting

LESSONS LEARNT

- New service installation cannot always be installed in the desired position due to other apparatus in the footway.
- Early stakeholder engagement allowed the necessary traffic management road closures to be planned ahead.

SUCCESSFUL OUTCOMES

- Contract completed within timescale and budget
- No accidents
- Local businesses unaffected by the work
- Flexible working by In-House surfacing gang minimised nuisance to neighbouring residents

