

Crinan Canal : Towpath Ducting Installation : Method

1. Establish compound and material storage areas fenced, signed and secure.
2. Provide adequate construction works ahead signage to inform towpath and localised free standing barriers at areas of works.
3. Identify / locate all services under ground and overhead. CAT scan of towpath.
4. Start excavation with small mini excavator from green feeder pillar at Crinan basin side (See location plan)
5. Excavate ducting track 348 metres in length by 300mm wide by 300mm in existing soft towpath make up.
6. No more than 20 metres to be opened up at any one time.
7. Ducting to be installed on steel stop plank structure and not on the historic masonry structure.
8. Lay arisings alongside track for re-use.
9. Lay ducting 100mm diameter two abreast in excavation invert with one sitting on top of the two (See sketch).
10. Carefully lift arisings and back fill trench to existing towpath level.
11. Lightly compact so that ducting is not damaged.



Crinan Weir – Ducting to cross on steel walkway and not over historic masonry structure.



Typical existing soft towpath condition mooring can be seen on the left