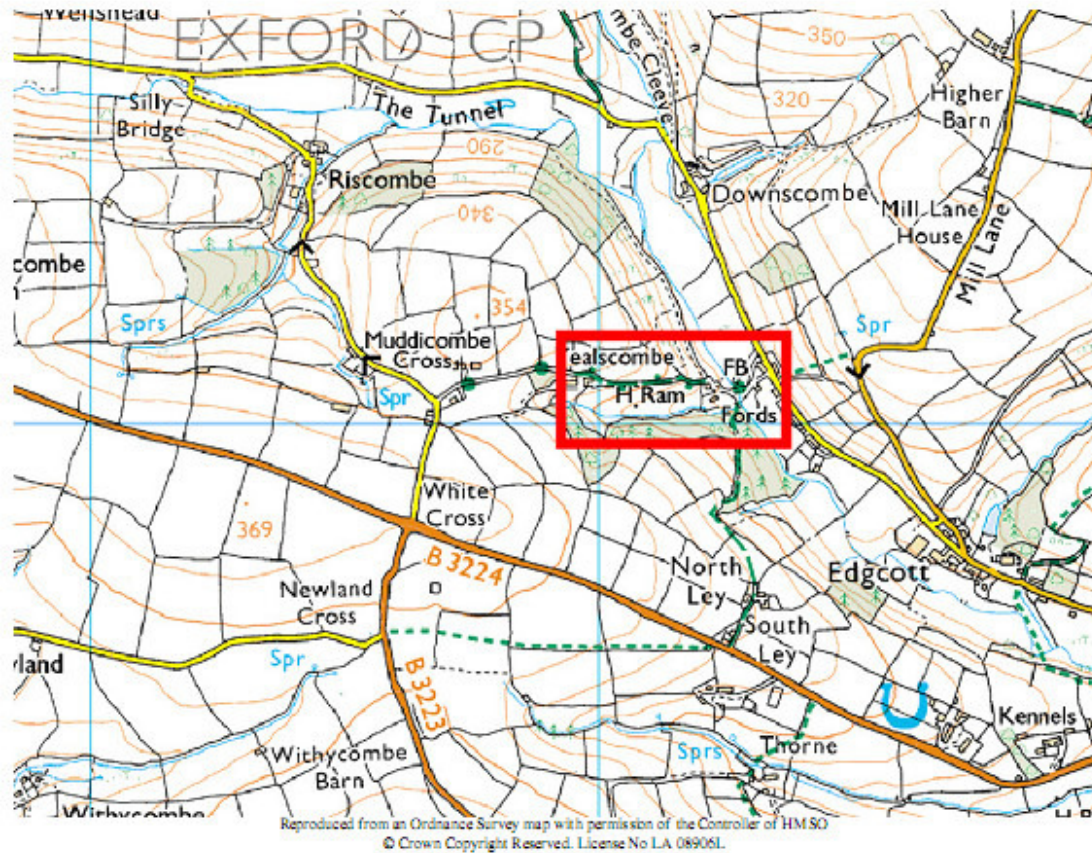


## Specification for works at Muddicombe-Yealscombe Lane DU4/39, Exford Parish – 20<sup>th</sup> July 2010

### Location (SS841391)



### Problems

A complaint has been made about the surface condition at the lower end of this lane in relation to the difficulty of negotiating the concrete step and drainage channels and for the slippiness of the lane.

A section of old surface stone pitching is coming away at its lower end.

A huge amount of water flows down the lane in wet weather.

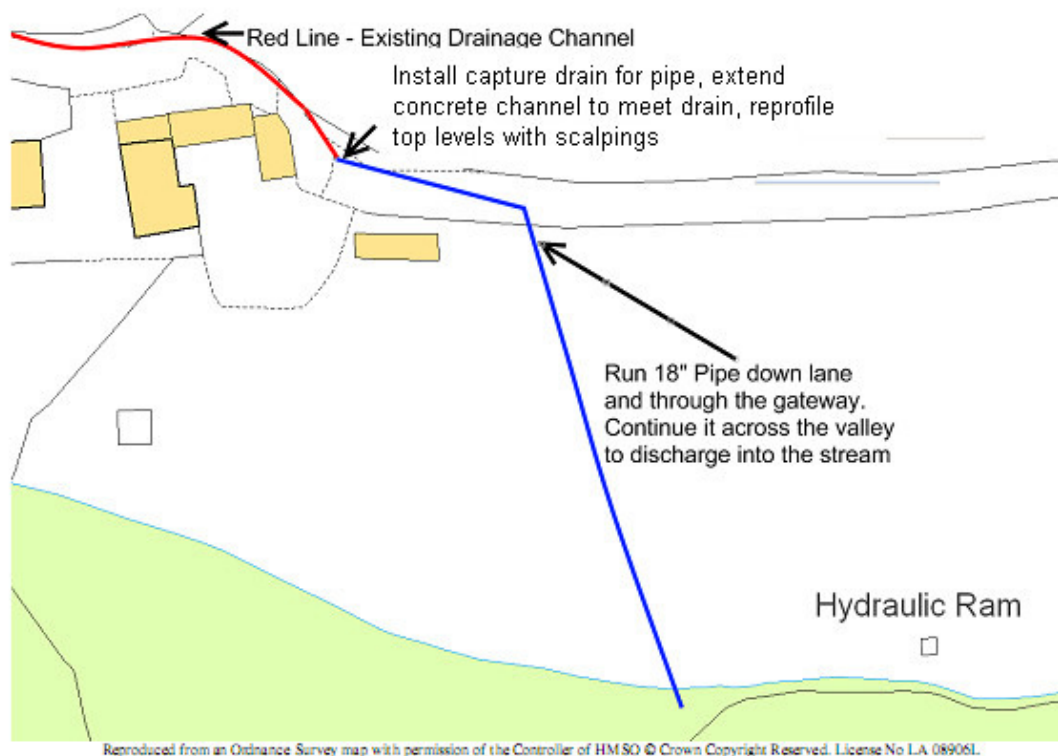
It needs to be noted that Liddycleave, the house at the bottom of the lane, has suffered very badly from flooding in the past from water pouring down the lane – hence the drains at the bottom. We believe the drains at the bottom were installed in the 1990s.

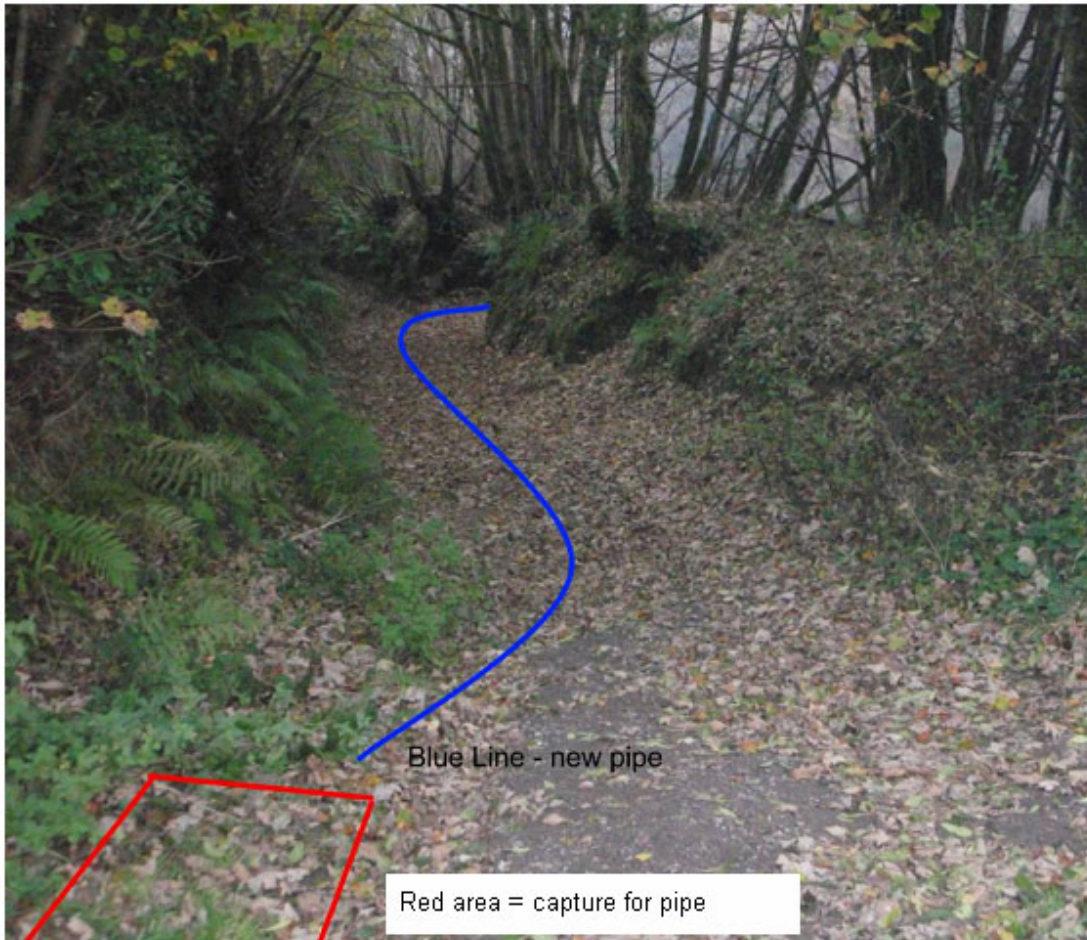
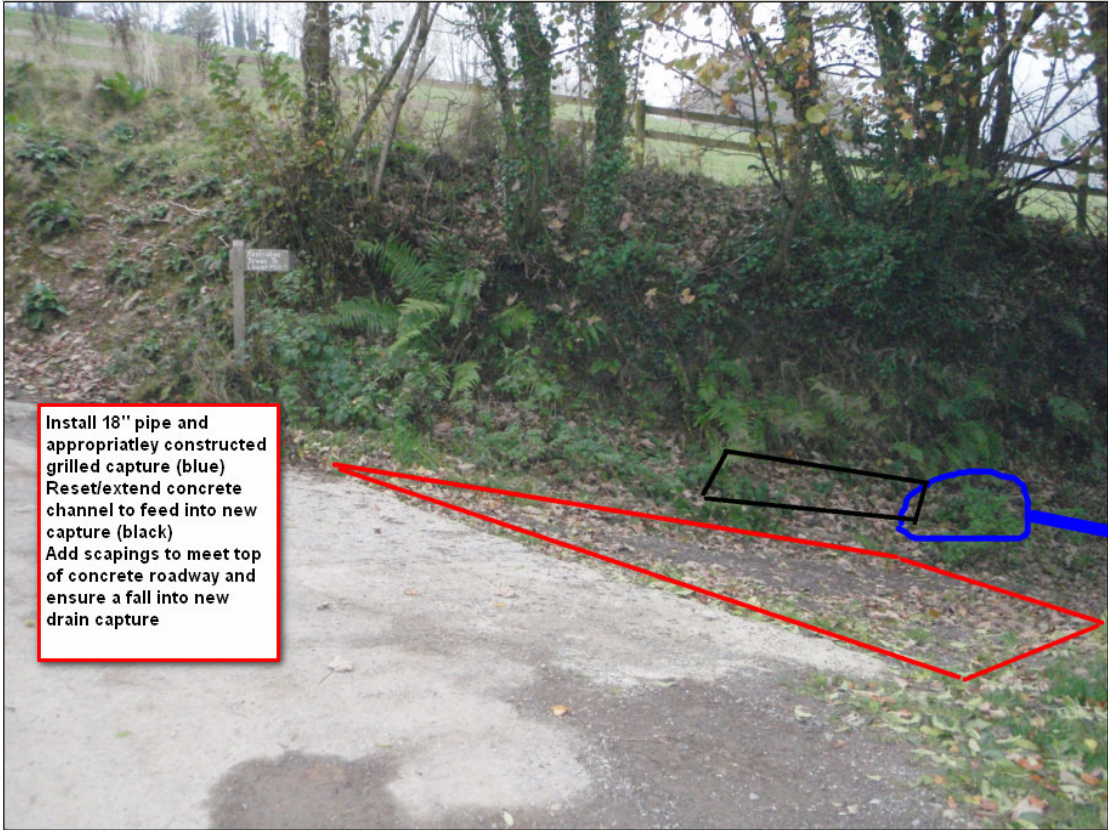
## Solutions



### 1. New Drainage at the Top

To capture the surface water, a new grided capture drain and pipe will need to be installed as specified below. The total length of new pipe is approx. 115 metres. Prices should be provided for both a 18" non-highway spec pipe and a 12" pipe. Large stones will need to be placed at the outlet point to avoid erosion of the stream bed.







## 2. Middle Drain

See specification below.



### 3. Lower edge of upper stone pitching

Tie existing pitching into bedrock surface by cutting shallow channel into the bedrock and laying 2m x 1.5m of new stone pitching set with concrete to meet with remaining pitching.

### 4. Bottom Drains

The whole concrete structure at the bottom of Muddicombe Lane needs to be removed. This should be replaced in its entirety by stone pitching set in concrete as specified below. The new camber should continue to push water away from the main house.

