

# B6399 flood damage assessment

Following the flooding associated with Storm Dennis the B6399 has been closed to all but essential local access. The Council initially put this in place until 5pm on Saturday 22 February.

Detailed inspections have taken place since Sunday 16 February to understand the full extent of the damage caused and develop proposals for the necessary repairs. There are seven badly damaged areas to the road.

The initial options in terms of timescale for repairs have been discussed with the Community Council and the decision has been that the road will remain closed next week to accelerate repairs and in order to avoid the community having to contend with temporary closures over a significant period of time.

Updates will continue to be provided once further detail is available.

Below are images of some of the damage and a brief assessment.

## **Cogsmill:**

*A section of wall approximately 5m long has been undercut, resulting in the collapse of the wall. The wall requires rebuilding with additional protection at the base to prevent further erosion.*



## **East Broomy Cleuch:**



*The upstream side of the culvert is blocked, resulting in a dam-like effect which has resulted in water running over the road. The blockage needs to be removed and the surface assessed for any damage and repairs undertaken as required.*

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### **Windshielknowe:**

*A small landslip has occurred, around 5m in length, resulting in erosion adjacent to the road. Works are required to restore the area and prevent future erosion at the base.*



### **Signalman's Cottage:**

*A pipe under the road has blocked, causing water to flow over the road. Cracking of the road surface has occurred. Repairs are required to an areas scoured by the water and consideration given to putting a large pipe in place beneath the road surface.*



### **Whitrope Culvert:**

*There are numerous areas at this location where the road edge and some areas of road surface have deteriorated due to the water flow.*



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## Larriston Knowe:

*The base of the embankment has been washed out, resulting in a landslip approximately 10m in length. This has resulted in erosion adjacent to the road surface. The slip area requires reinstatement and the base of the embankment strengthened to prevent future erosion.*



## Whitrope Edge (north):

*The piped road crossing has been damaged at the downstream outlet, resulting in a sinkhole in the road. The damaged area requires excavation and further assessment of the pipe.*

*An area of embankment slip nearby has already been repaired.*



## North of Sundhope:



*The road edge has been washed, leaving the road edge vulnerable. Repairs are required to strengthen the embankment and reinstate the verge.*

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## North of Whitropefoot:

*The road edge has been washed out and the embankment scoured out. Repairs are required to the embankment and verge, with strengthening work and additional protection to prevent further scouring.*



## Whitropefoot:

*There is a significant area of embankment erosion, or possibly a collapsed section of roadside wall. The embankment/wall needs to be reinstated and built up to the full height of the embankment.*



## Dawston Burn:

*There are three significant areas of embankment erosion with around 1.4km of each other. The embankment/wall should be reinstated up to the full height.*



## Windyknowe:

*Previous protection to the bank has been displaced due to the high water and the upper embankment washed out, leaving the road edge vulnerable. The protection requires replacement and the embankment and road verge strengthened.*