

Forres (River Findhorn & Pilmuir) Flood Alleviation Scheme Flood Embankments

OCTOBER 2013

Location of embankments near Forres



What they do...

The embankments form a barrier between Forres and the flood water from the River Findhorn.

How they do it...

The design of the embankments was chosen to protect Forres from a 1 in 200 year flood. This was calculated by computer modelling of the river and ground water. The embankments will be up to 40m wide at the base.

How they're built...

- The embankments are constructed using material excavated from the river bends
- The route of the embankments is cleared and the ground prepared
- The material is placed in layers. Each layer is compacted
- Tests and inspections are regularly carried out to ensure the embankments will be strong enough to control the flood waters
- The embankments will be covered with topsoil and seeded with grass.