



Channel Drain Installation



1. The Site

Showing a typical installation; in this case replacing an inadequate slot drain.



2. Excavate Pit and Prepare Sub-base

Excavate to a depth of 750mm nominal. Eg. 300mm for the sub-base plus 150mm for the concrete bedding layer plus 300mm for the channel drain itself.



3. Bedding the Units

In this case a dry mix has been used. The top of the units are set level with the road surface.



4. Stabilising the Units

Bolt the units together and partially back fill with dry mix concrete to stabilise the units and to form the channel bed.



5. Finishing Off

Back fill to form the channel and aprons using a normal C40 mix to BS 8500.



6. Installation Complete.

NB. The outflow can run to either or both sides, or to a drain set in the base of the channel. In this case the outflow runs into a ditch.