

Lentworth Drive Permanent Flood Defence

August 2024 Briefing

This briefing has been created by the Environment Agency for the purpose of providing an overview of the latest developments to address surface water ponding adjacent to Lentworth Drive, South Lancaster.

Confirmed start date

The Environment Agency (EA) can confirm that works to address the surface water ponding adjacent to the Lentworth Drive flood embankment will commence on Monday 2nd September. A secure site compound will be located within Barton Rd playing fields for the duration of the works.

The chosen solution will consist of a 500mm wide gravel filled land drain running from North to South along the toe of the embankment for its entire length. The drainage channel will then outfall, via a short piped section, through a pre-cast headwall into Burrow Beck. This solution is expected to take 6 weeks to complete.

The design has been chosen to minimise disruption whilst ensuring a proportionate and sustainable solution to the instances of surface water ponding that has occurred following rainfall events.



Image: View of surface water ponding along toe of flood embankment.



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Footpath closure

The footpath crossing from Lentworth Drive to Gressingham Avenue will be closed for the full duration of the works. The closure is required to ensure the safety of the community and to facilitate the replacement of the temporary metal approach ramp with a permanent earth ramp in keeping with the surrounding area.

A modelling exercise has determined that the installation of an infilled earth approach ramp will not negatively impact flood risk now that the flood embankment is in place.



Image: Temporary approach ramp set to be replaced.

Fencing removal & hedgerow planting

Following completion of works the temporary fencing and access gates will be removed. The vegetation on the embankment will also be mowed for the first time and the line of improved hedgerow replaced within the former allotment site. Future maintenance of the embankment will be undertaken by Lancaster City Council and Lancashire County Council respectively.

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