

Option 3 - Shortlisted

Installation of swales along Whitelands Avenue and Carpenters Wood is suggested within the existing areas of grass. These would store and slow the volumes of water within the highway which contribute to the flooding downstream.

Option 3 - Shortlisted

Use of the green space along Homefield Road as storage areas to capture flows from the flow path from the fields. This flow contributes to the flooding downstream.

Option 5 - Shortlisted

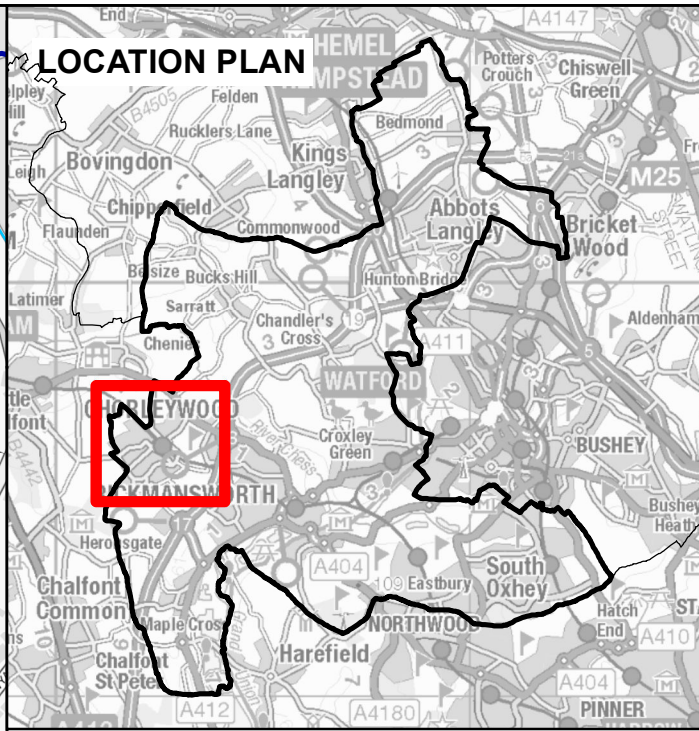
Property flood resilience is proposed for properties along Lower Road which have a history of flooding. Properties here are in a topographic low and the modelled flood depths are high. PFR may be suitable alongside other capital schemes to limit surface water reaching the area.

Option 3 - Shortlisted

Adoption of the greenspace near the shops area along Whitelands Avenue. SuDS here could be in the form of swales or rain gardens to capture some of the highway flows.

Option 5 - Shortlisted

Property flood resilience is proposed for properties along Chorleywood Bottom which have a history of flooding. Modelled flood depths are within the recommended depth range for the implementation of PFR. PFR may be utilised alongside other measures.



Legend

Flood Depth (m) (1 in 100 year)

High : 2.865

Low : 0.051

HCC Flood Incident Record

Options

- Swale
- Storage areas

Type

- Main River
- Ordinary Watercourse

0 190 380 570 760 m

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Project: **THREE RIVERS SWMP TRDC4: CHORLEYWOOD**

Title: **SHORT LIST OPTION MAPPING**

Client: **HERTFORDSHIRE COUNTY COUNCIL**

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