

Strategic Planning & Project Management Divisions,
Flood Defence Unit,
Dublin City Council,
Room 409, 68/70, Marrowbone Lane,
Dublin 8.
1st October 2012.

Residents of Raheny,

Re: Proposed Flood Alleviation Upstream of Harmonstown Road.

Dear Resident,

Following the extreme flood events of 9th August 2008 & 24th October 2011, Dublin City Council has put a lot of effort into analysing the flooded areas and proposing solutions to reduce the possibility of future flooding in Raheny Village. Some work has already been carried out in your area and in addition to that a catchment study of the Santry River was commissioned. This was carried out by RPS Consulting Engineers on behalf of Dublin City Council.

After reviewing the findings from the study the most viable solution is to block one of the two culverts that run under Harmonstown Road. The consequences of this is that high flows in the river will be throttled and in times of extreme floods the entire river channel upstream of this becomes a storage area, as illustrated below.

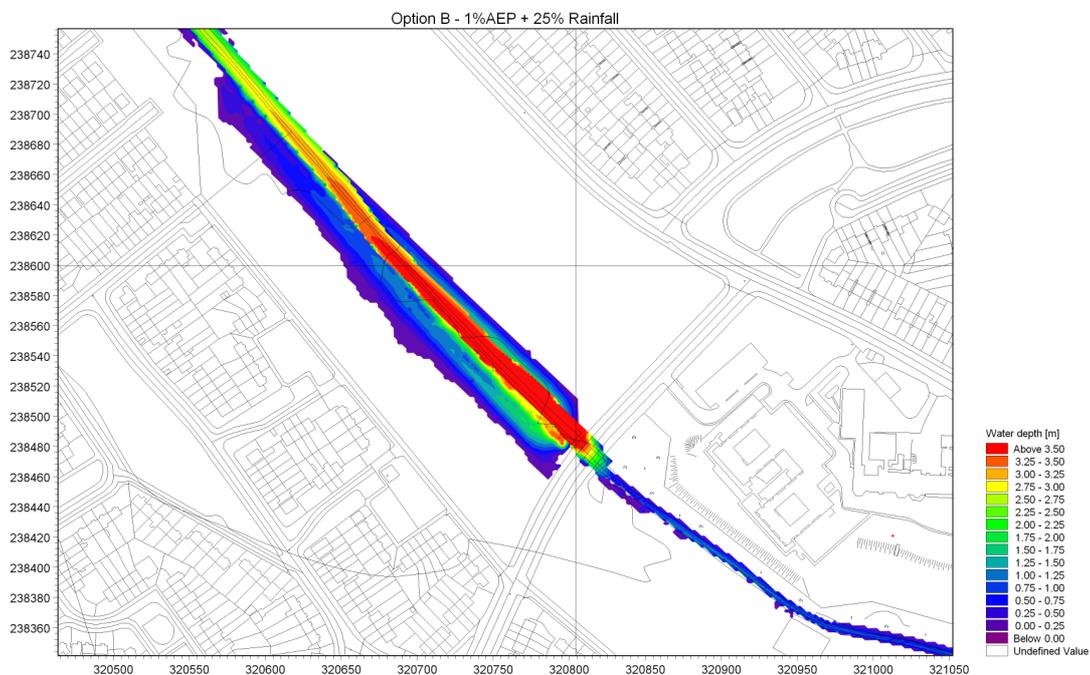
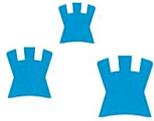


Figure 1. Throttled Floodplain at Harmonstown Road for 1% AEP + 25% Rainfall Event



DCC only envisage significant changes to the levels in the floodplain for rain events that are greater than 1 in 5 years. The map in figure 1 shows the modelled results for a 100 year storm event plus an extra 25% flow to allow for future global warming forecasts.

If you or your Resident Association wish to get more information on this proposed engineering solution to the local flooding of the Santry River Catchment in Raheny Village we would be happy to attend a meeting. This could be organised through your Resident Association or through the council's local Area Office. (Bunratty Road, Coolock, Tel: 01 816 6710)

Additionally any comments can be directed to the e-mail address at the bottom of the page.

Yours Sincerely,

Gerard O'Connell,
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