

5 So what is the proposed scheme?

Our proposed scheme is described on this and the following boards. We aim to provide what is termed a '1 in 200 year' standard of protection.

We will be working in four locations: Smithton Park, Culloden Park, Redburn Avenue and Murray Terrace. An outline of the works at each site is provided here. The schemes are reviewed in more detail on the board number shown on the overview map below.

Flood protection is the objective of this scheme, but the works will have wider benefits to the community. The removal of culverts and restoration of natural channels will provide robust flood protection and a range of more varied, attractive and ecologically-rich landscapes, all within easy reach of Smithton and Culloden.

We see these additional benefits as helping to reinforce the idea of 'green infrastructure': a network of multifunctional open spaces linked by safe, accessible routes that will encourage wider use by both local people and visitors. Evidence suggests that linked networks of good quality public space can result in positive economic, social and environmental outcomes.

1. Channel restoration

Between Murray Terrace and Kenneth Place (Board 9) we intend to remove a culvert and restore 140m of watercourse to improve flow capacity. This will also create new open space.



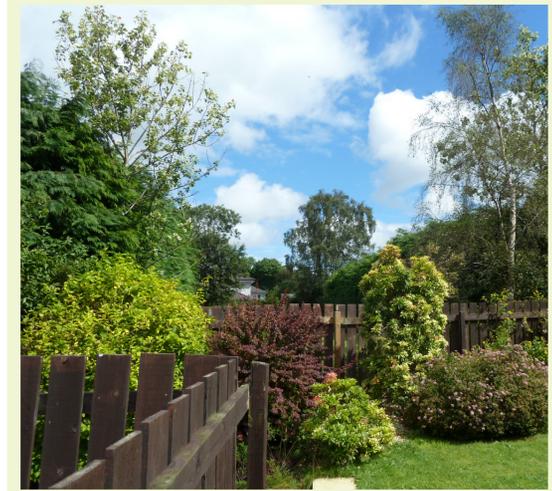
2. Flood storage

Proposals for Smithton Park (Board 10) include a new bridging structure under Murray Road to connect the restored channel to the south with a new naturalised watercourse and flood storage area within the park.



3. Channel restoration

At Redburn Avenue (Board 11) we intend to restore 40m of watercourse, or improve the hydraulic capacity of the culvert through the residential area.



4. Flood storage

Within Culloden Park (Board 12) our plan is to regrade the lower section of the park to form a flood storage area and restore 220m of watercourse. This will provide new amenity and educational landscapes with step-free access.

