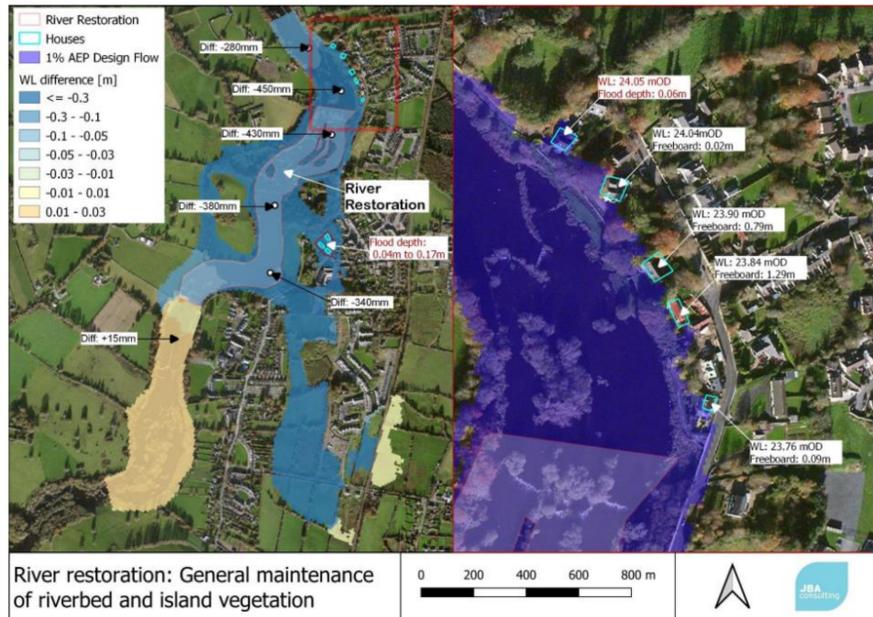
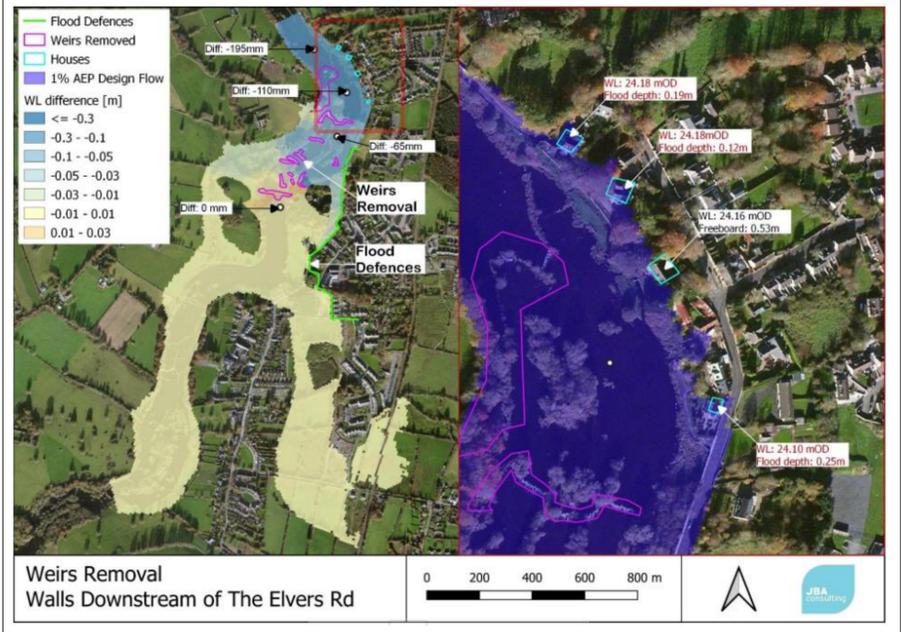


# Conveyance Measures Considered

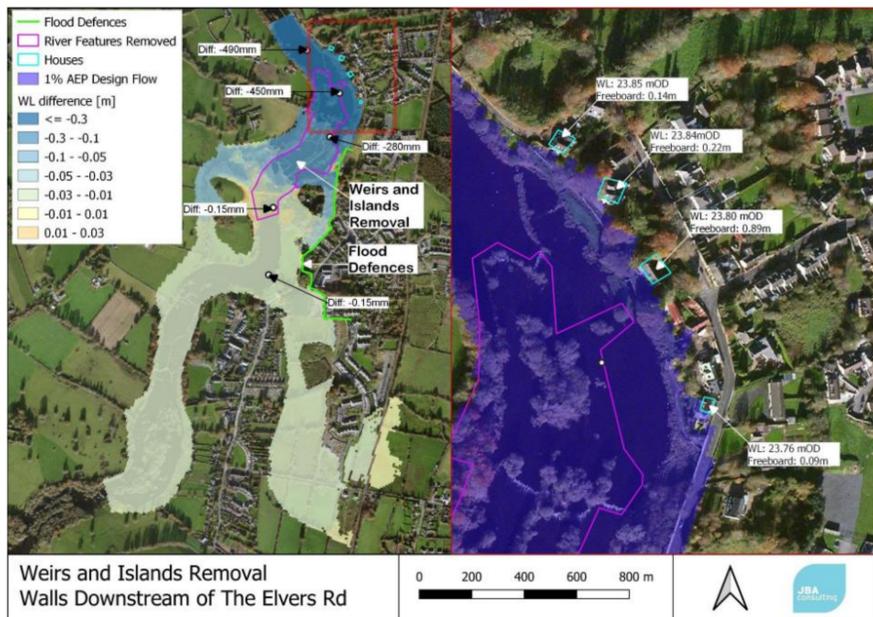
General maintenance of river bed and island vegetation to prevent silt and vegetation build up on within the channel.



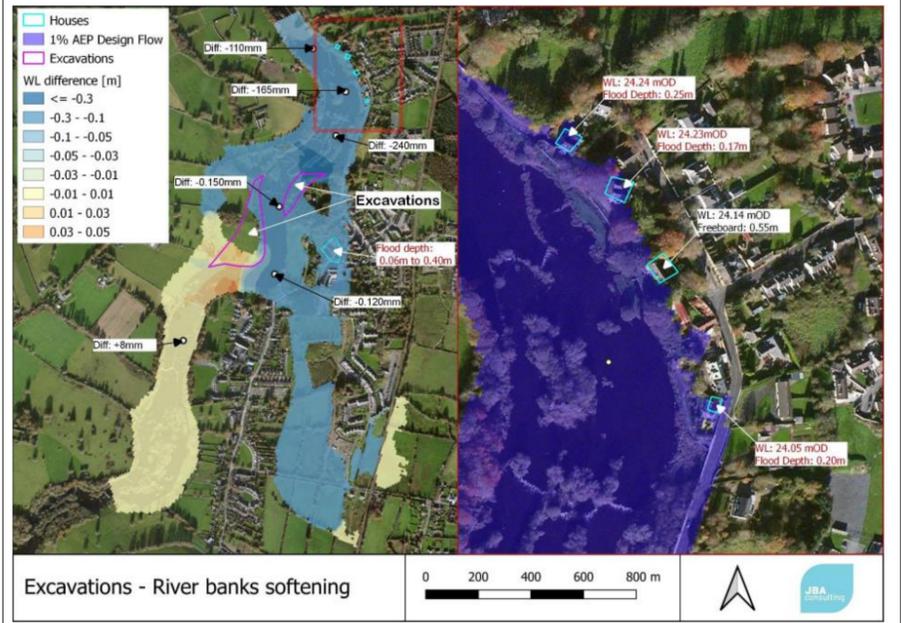
Removal of the weirs outlined in pink which are believed to trap sediment and debris.



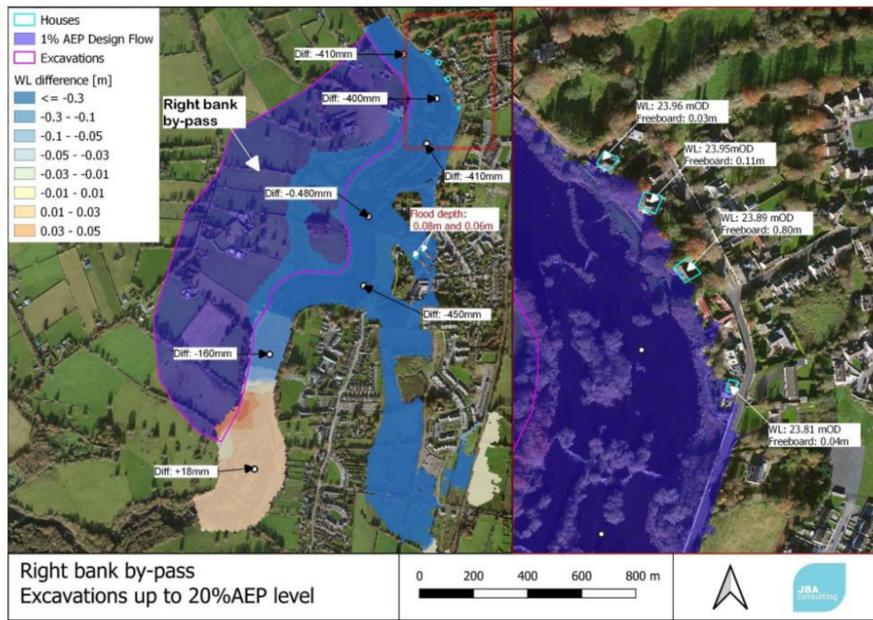
Removal of the weirs and islands outlined in pink, which are both believed to trap sediment and debris contributing to the flooding problems in Castleconnell.



Softening of the bends at either side of the River Shannon (outlined in pink) through the village.



Lowering ground levels within the pink polygon to the 1 in 5-year event flood level. Does not impact normal flows on the River Shannon but improves conveyance in larger events.



## Diversion Channel

Construction of a new diversion channel to the west, bypassing Doonass bridge which acts as a constriction.

## Widening of Doonass Bridge

Widening of the River at Doonass Bridge, and replacement of the existing bridge with a wider structure.

All of the above measures:

- Resulted in a reduction of flood levels to the north of the village however, this reduction was not enough to eliminate the need for hard defences such as walls and embankments.
- Involved permanent works within a Special Area of Conservation (SAC)
- Had potential significant changes to environment & ecology.
- Would require complex enabling works during construction.
- Would result in significantly inflated scheme costs.