

Next Steps

- Finalise fluvial options development.
- Continue coastal wave impacts assessment and options modelling development.
- Present the preferred options for fluvial at PCD.
- Consider land acquisition issues.
- Appropriate Assessment.
- EIAR for preferred option assessment.

Project team



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Contact Us

You can keep in touch with the project through our website, or via Facebook where we will be posting updates on progress and details of works that are ongoing.

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COMHAIRLE CONTAE AN CHLÁIR
CLARE COUNTY COUNCIL



OPW Oifig na nOibreacha Poiblí
Office of Public Works

Background to the study

Kilkee is a popular seaside resort town located adjacent to Moore Bay on the west coast of County Clare. The Atlantic Stream and the Victoria Stream are the major watercourses that flow through the town, with the Atlantic Stream to the north and the Victoria Stream to the south. Both watercourses can be affected by high tides. Kilkee is susceptible to both coastal and fluvial (from rivers and streams) flood risk.

There have been a number of instances of flooding in Kilkee. The Victoria Stream is noted to overflow its banks over a length of 200-300m on an annual basis, causing flooding of Church Road, Well Road and a number of properties. Many more properties are at risk.

In 2014, winter storms damaged a section of the existing seawall and promenade, a protected structure, and a 45m section was replaced with a terraced structure.

The JBA Consulting/JB Barry team will assess, develop, and design an appropriate and sustainable flood relief scheme.

With this in mind, Clare County Council, along with project partners the OPW, appointed the JBA Consulting/JB Barry team in January 2020 to assess, develop and design a viable, cost-effective and sustainable flood relief scheme which aims to minimise risk to the existing community, social amenity, environment and landscape character.

Information Gathering

Much of the base level information has been gathered already, including historical flood events. We are still interested in receiving photos, videos and stories about previous floods from those who experienced them first-hand. The information you provide will help us refine the scheme design.

Progress in last 6 months

Hydraulic modelling to replicate flooding predictions and development of options to mitigate flooding have been the main actions carried out over the last 6 months for both fluvial (river) and coastal flooding.

Environment/Ecological studies have mostly been completed with some seasonal assessments still to be carried out.

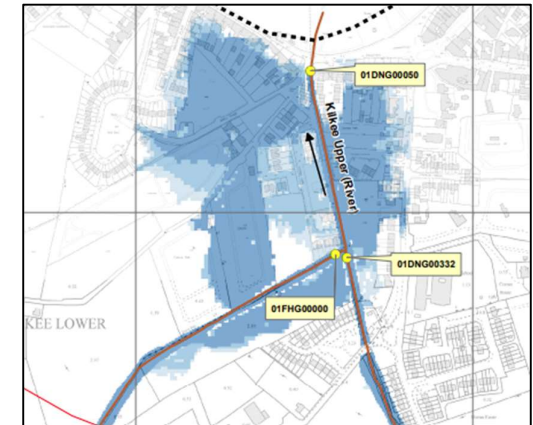
A Public Participation Day (PPD) for emerging options was held in Kilkee Community Centre on 18th August which was well attended and informative, providing the design team with useful feedback.

Development of options for the Victoria Stream catchment and the Atlantic Stream catchment has progressed. To help with arriving at a preferred option Multi Criteria Analysis (MCA) has been used which takes into account Technical, Economic, Social and Environmental issues and, coupled with a cost-benefit analysis, provided the tools to identify the preferred option. This exercise is now complete, and the preferred options are to be presented at the forthcoming PCD. Any comments and queries raised shall be considered in the scheme design and in the preparation of the EIAR.

Coastal flooding options are also being developed but the hydraulic modelling is more complex and will require further development and analysis techniques. Coastal options will follow on at some stage in the future.

Plans for next 6 months

A collaborative workshop will be held with a number of public stakeholders to ensure



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sharing of knowledge and information and that a joined-up approach to public sector works is undertaken. Of particular note is the new foul pumping station and treatment plant proposed by Uisce Éireann. Knowledge exchange between the design teams is an ongoing process. Particular activities planned for the next 6 months include;

- Continued development and design of the preferred option
- Produce a scheme Climate Change Adaptation Plan.
- Complete NIS and EIAR.
- Preliminary Construction Environmental Management Plan (CEMP).