100 m

Area 1 - Upstream

BOARD

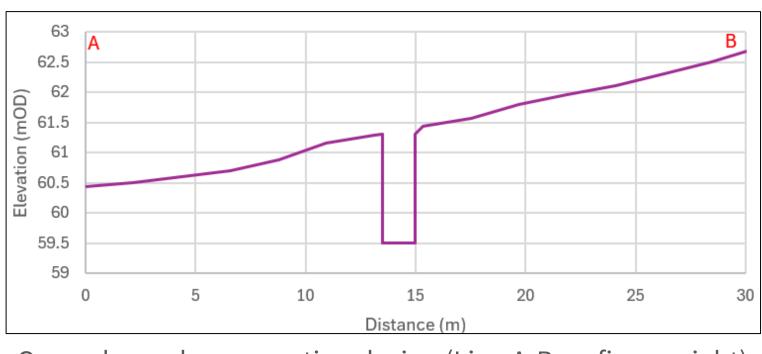
Ballina-Killaloe Flood Relief Scheme

The development of the emerging option was informed by a Constraints Study, Public Consultation, stakeholders, multi-criteria assessment, an environmental appraisal (incl. climate change implications).

The preferred option for Ballina is Option 3 - the series of proposed culverted and open channel watercourses diverting the Drumbane River along Grange Road to connect with the existing watercourse at McKeogh's Yard.

This Option was also selected as the preferred option as the proposed works as McKeogh's Yard will also mitigate against the surface water flood risk in the area. Therefore, Option 3 will alleviate flooding from both fluvial (from rivers) and surface water sources, unlike the other options discussed.

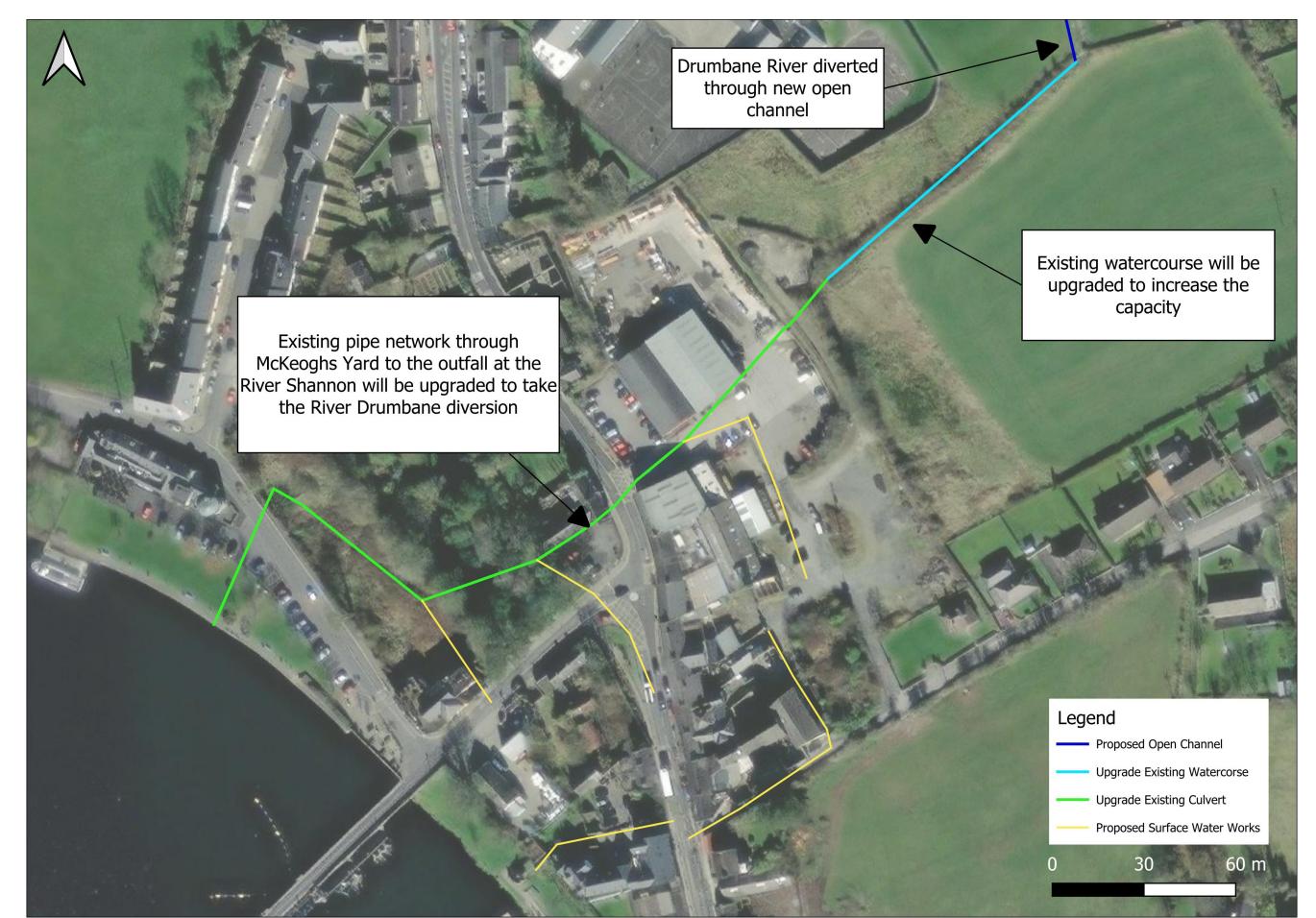
Example of a typical river diversion



Open channel cross section design (Line A-B on figure, right)

Existing Open Channel Drumbane River Diverted through new open Open channel enters culvert channel adjacent to Handball Alley and Legend Culverted watercourse outflows into a Proposed Open Channel new section of open channel before **Proposed Culvert** connecting with existing watercourse Upgrade Existing Watercorse upstream of McKeoghs Yard Open Channel Cross Section

Area 2 - Downstream



Refer to Board 7 for Surface Water Details



Example of a typical culvert being installed



Example headwall



Flood Relief Scheme











