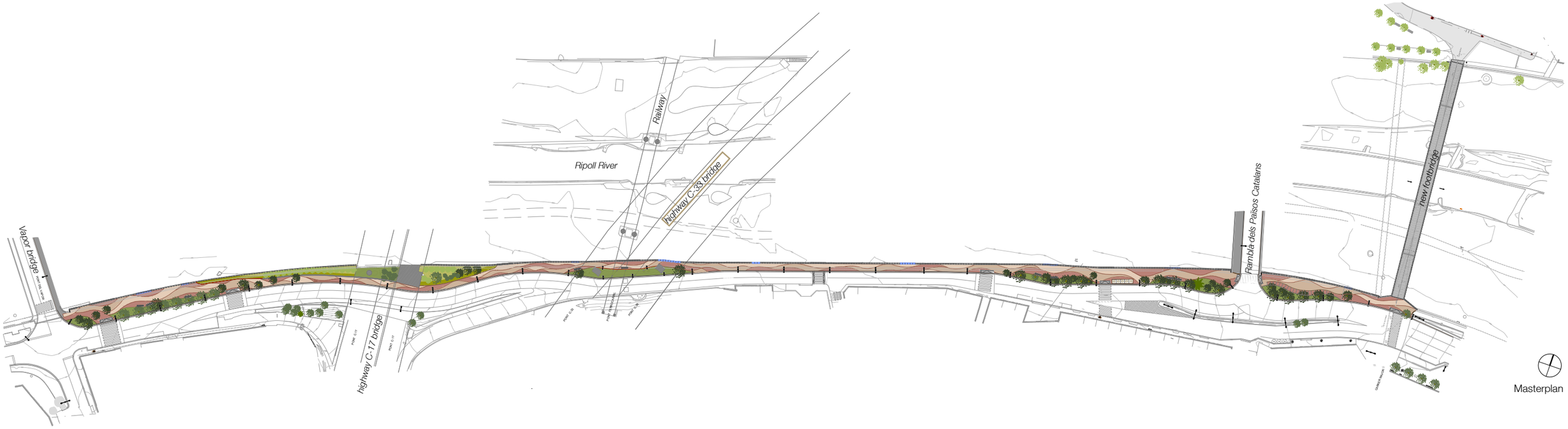
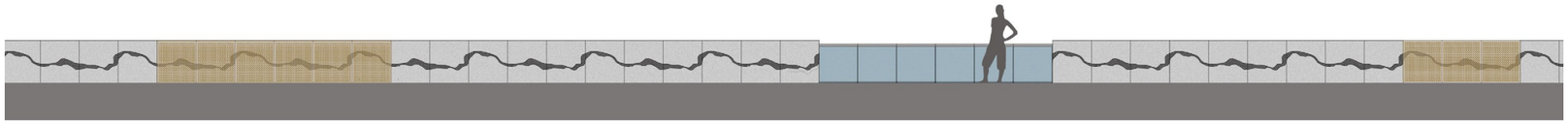
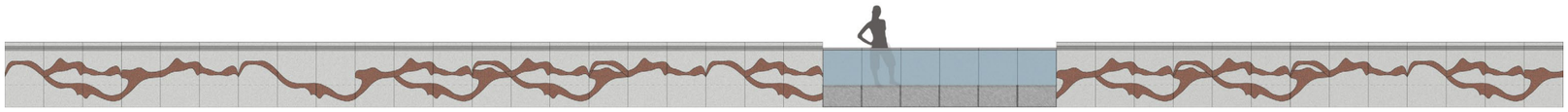


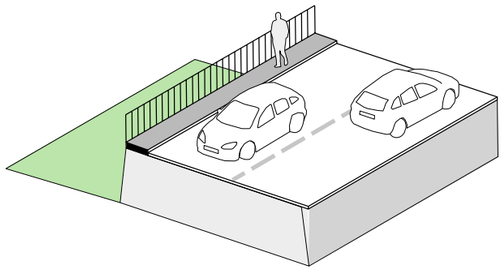
Masterplan



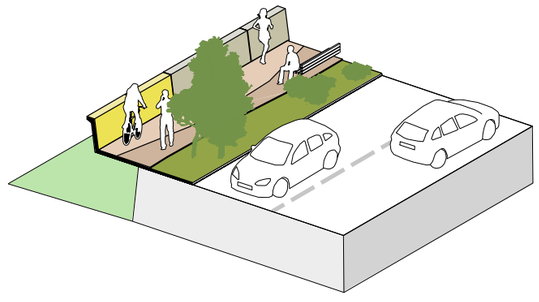
view from the walkway Passeig Ripoll



view from the bed of the River Ripoll

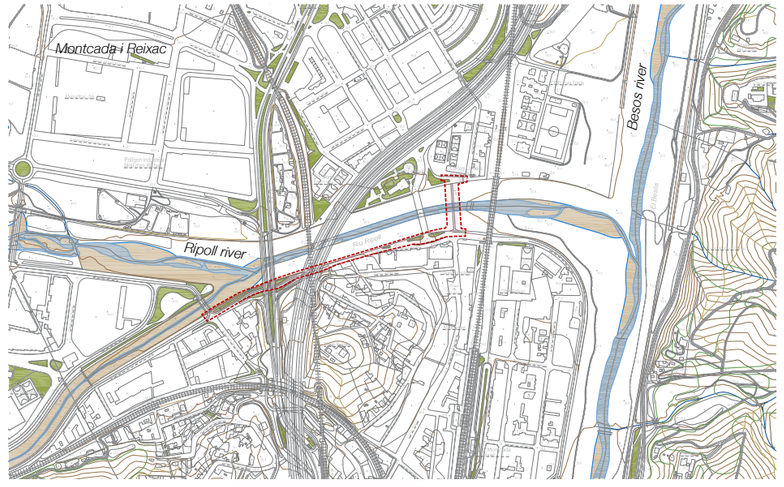


previous situation



new walkway section

In Ripoll River Walkway from Montcada i Reixac, in the 500 m existing from Major Street and Del Vapor Bridge, the pedestrian passage was too narrow and in some cases impossible if users did not want to literally risk their lives walking through the road. The space configuration brooked no choice but to extend the platform to the river; besides, the space between road and river was locally very conditioned by the presence of various bridges: De la Salle footbridge, Països Catalans elements, C-33 highway, railway, C-33 road and Del Vapor road. De la Salle footbridge over the river suffered the same problem, built in 1999, it was now functionally obsolete (the main pedestrian road axis of Montcada) and needed repairs for the corrosion detected in the main structure and the deterioration of the wooden floor.

The narrow width of the walkway was solved using pieces of prefabricated slab-rail, cantilevered and anchored in the walls of the pipe, with the particularity that the rail had to be “opaque” to water as a requirement of Water Administration. The Footbridge was solved by providing lateral metal ribs.

Both projects were treated unitarily; formally it is worth highlighting the following elements: floral pattern concrete railing with “river” motifs composed of three different modules, glass balustrade modules, railing modules with special lighting, perforated plate railing on the Footbridge, rolling pavements coloured in the Walkway and pavement of aluminum pieces grooving on the Footbridge.