



CARRICK-ON-SUIR MAIN DRAINAGE

Construction of a Foul and Stormwater Sewerage System

Client: South Tipperary County Council

SUMMARY:

Value: €18 million

Status: Complete

Services Provided:

Preliminary Report

Site Investigation

Detailed Design

Archaeological Report & Monitoring

Project Management

The Carrick-on-Suir Main Drainage Scheme was designed to service the current and future requirements of the town. The Scheme consisted of a major upgrading of the overall sewer network.

The scheme provided for the following main works:

- The replacement, augmentation and extension of existing sewers to form an upgraded sewer network.
- The construction of two detention tanks, pumping stations and control houses which were designed and landscaped to minimise their visual impact.
- The construction of two local pumping stations and the laying of gravity sewers to service two low-lying areas
- The laying of a rising main from the detention tank on the South side of the River Suir in the existing bridge deck to a new combined sewer which runs along the North bank to the second detention tank. The laying of the rising mains for the two local pumping stations.
- The diversion of the majority of the foul and combined flows to the detention tanks and the final commissioning of the pumping systems to take all the town foul and combined flows to the new treatment works.
- The decommissioning of the existing combined outfalls and the conversion as required of these outfalls for the discharge of the surface water flows to the River Suir.

The scheme was challenging as all of the work was carried out in an active urban environment and the existing system had to remain live until the new works were commissioned.

