



## COLLIER STREET FLOOD PREVENTION SCHEME

The works were designed to mitigate flooding to the residential area at Collier Street and the factory units at Rankine Street adjacent to the Black Cart River in Johnstone, Renfrewshire.

Drainage outfalls were picked up by new gravity sewers and conveyed to pumping stations which were constructed behind new protective bunds and walls.

During storm conditions, excessive flows are held in storage tanks before being pumped into the river.

Main elements of the contract included:

1. Realignment and widening of 300m of the existing river course
2. Excavation of 14,000m<sup>3</sup> material.
3. 8000 m<sup>3</sup> of new bund.
4. Installation of 2 "package type" pumping stations and associated pipework.
5. Construction of 1200 m<sup>3</sup> bastion and gabion walling.



**CLIENT**

**Renfrewshire Council**

**CONTRACT VALUE**

**£860,000**

**DURATION OF WORKS**

**June 2001 – March 2002**