

ROADS, UTILITIES AND LANDSCAPE REDEVELOPMENT OF THE URBAN DEVELOPMENT ZONE IN THE WEST PART OF COUREON TOWN CENTRE



Owner:
Loire Océan Développement

Date: in progress since 2004

Cost of works:
€23.5m excl. VAT

Assignments and amounts:

- Full project management
- totalling €867,616 excl. VAT for Sogreah's part

Composition of the team:

- Sogreah Consultants (Leading partner)
- Enet et Dolowy (Architecture co-contractor)
- Sandrine Chiron (Landscaping co-contractor)

Description of the project:

The urban development zone in the west part of the town centre covers 70 ha and includes housing and some public buildings:

- Approximately 1,150 dwellings (individual, intermediate and shared),
- A school with 10 classes (nursery and primary school)
- A neighbourhood facility where associations and a nursery are based,
- A police station with 25 to 30 dwellings,
- Local shops and services.

Main characteristics of the project:

- Earthworks: 60,000 m³ of excavation material
- Ditches: 2,500 lm
- Main roads: 1,000 lm
- Secondary roads: 2,800 lm
- Tertiary roads: 3,900 lm
- Stormwater sanitation: 11,900 lm of pipes + 10 stormwater basins
- Wastewater sanitation: 14,100 lm of pipes + 3 pumping stations
- High voltage: 6,700 lm of cables + 16 voltage transformers (HV/LV)
- Low voltage: 19,850 lm of cables
- Drinking water: 9,100 lm of pipes
- Telephone lines: 15,900 ml of pipes
- Public lighting: 440 lighting columns (on main and secondary roads) + 175 lighting columns (pedestrian paths)