

# Echirolles - Centre 2 and Estienne d'Orves development zones

Roads and utility networks  
Landscaping



## Country

France

## Client

Ville d'Echirolles

## Date

2002-2009

## Cost of works

€11.7m before tax

## Sogreah's services

Design services and project supervision

- ◆ Roads and utility networks
- ◆ Landscaping

## Description of the project

Design services and project supervision concerning the development of secondary and tertiary roads and utility networks (including low-voltage power) and landscaping for the Centre 2 development scheme, and roads and utilities for the Estienne d'Orves private development scheme.

- ◆ Total surface area: 25.2 hectares  
Centre 2: 20 ha  
Estienne d'Orves: 5.2 ha

- ◆ Development of town centre, residential and commercial areas (offices, shops, businesses, clinic)

## Characteristics

### Roads

- ◆ Roads - parking - pavements (right-of-way area: 16 to 20 m)
- ◆ Length:  
Centre 2: 1,600 lm  
Estienne d'Orves: 900 lm

## Piped utilities

- ◆ Stormwater  
300 mm - 800 mm dia.
- ◆ Wastewater  
200 mm - 250 mm dia.
- ◆ Drinking water  
100 mm - 150 mm dia.

## Cable utilities

- ◆ Telephone
- ◆ Low-voltage electricity
- ◆ Public lighting (lighting columns 5 to 9 m high)

## Landscaping/vegetation

GNB/DBR/ebd/0507