

# Oullins - Chabrières Secondary School

Earthworks, roads and utilities



## Country

France

## Client

Région Rhône-Alpes

## Date

2004-2011

## Cost of works

€1.5m excl. tax

## Sogreah's services

- ▶ Design studies
- ▶ Preparation of tender documents
- ▶ Monitoring of works

Simulations: METROPOLIS



Project management handled by a group of companies, themselves managed by METROPOLIS (architect), Sogreah Consultants (Roads and utilities)

## Context

The aim of the project consists in building an extension and redeveloping the current academic area composed of a vocational secondary school and of a general and technological studies secondary school.

These modifications include the redevelopment of outdoor areas and the architecture of existing networks (sewage, drinking water and other utility networks).

Once the demolition works have been carried out, the following roads and utilities works will commence:

- Preparation works: surface preparation and earthworks,
- Road works: creation of new roads, redevelopment of existing roads, creation of pedestrian areas, fences, outdoor furniture, etc.
- Design and implementation of sewage networks: wastewater, rainwater including polluted effluent treatment;

- Design and implementation of drinking water, gas and other utility networks, including their connection to public networks.

## Description

- Works divided into 9 phases (teaching time, holiday time);
- Earthworks: 15,000 m<sup>3</sup>;
- Roads and pedestrian areas made with asphalt: 14,000 m<sup>2</sup>;
- Curbs: 1,400 lm;
- 44 lighting masts and 37 embedded spotlights.

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