

Grenoble tramway - 3rd line C

Diversion of networks



Country
France

Client
Syndicat Mixte
des Transports en Commun
de l'Agglomération
Grenobloise (SMTC)

Date
2000-2006

Total cost of works
€230m

Sogreah's services
► Design and supervision of dry
and wet network diversions



Background

Following a competitive bidding process, the Greater Grenoble public transport authority commissioned a consortium to carry out overall project coordination and management of the operation. Sogreah was responsible for aspects concerning the diversion of all the utility networks.

Description

The tram line crosses Grenoble from east to west, a total distance of 13 km.

Technical characteristics

The network diversions run for more than 70 km and include:

- ◆ Drinking water mains (up to 800 mm in diameter)
- ◆ Waste water and stormwater mains (up to 3 m in diameter)
- ◆ Gas mains
- ◆ Electricity (up to 63 kV)
- ◆ Pipelines (hydrocarbons, ethylene, etc.)
- ◆ Telecommunications (optical fibres, etc.)

Special techniques

- ◆ Renovation of the drinking water mains by casing and sheathing
- ◆ Reinforcement of the stormwater networks with synthetic materials
- ◆ Driving
- ◆ Pile-mounted slabs

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