

Name: ACROS – Asociación Costarricense de Obras Subterráneas

Type of Structure: Non-profit, open association

Number of Members: 28 individual members, 3 corporate members

ASSOCIATION ACTIVITIES DURING 2019 AND TO DATE

- II National Congress on Underground Works, 28-29 March 2019
- Strategic planning Workshop (Second Part)
- Working group for the drafting of a national technical regulation for the development of underground works 50% advance
- Short Course on Tunnel Design (in registration stage)

CURRENT TUNNELLING ACTIVITIES

- New underground pass of 700m at the Garantías Sociales roundabout (95% advance)
- Start of a new underground pass of 790m at the Guadalupe roundabout



- Two tunnels for the storm sewage in the Metropolitan Area of San Jose, 1300m length and 3m diameter each (at the tender stage)

FUTURE TUNNELLING ACTIVITIES

- Three tunnels for the Fifth stage of the potable water supply project for the Metropolitan Area of San José, with a total length of 11.8km and 3.9m diameter
- Two tunnels for the storm sewage of the Metropolitan Area of San Jose, 1300m length and 3m diameter each
- New underground pass of 900m at the La Bandera roundabout
- New underground pass of 60m under the national route No. 2 at the La Galera intersection
- New tunnel of 600m length and 12m diameter parallel to the Zurquí Tunnel on the national route 32

STATISTICS

1. Length or volume excavated -
% mechanized/% conventional
during 2019
% mechanized = 0%
% conventional = 100%

EDUCATION ON TUNNELLING IN THE COUNTRY

Course on Underground Works, as part of the Master Science Program on Civil Engineering at the University of Costa Rica (UCR)