

# Bulgaria



**Name:** Bulgarian Association for Geotechnical and Tunnel Construction - BAGTC

**Type of Structure:** non profit, open association

**Number of Members:** Unavailable

## CURRENT TUNNELLING ACTIVITIES

Extension of the Sofia Metro, III – metroline Botevgradsko shose blvd – Bul “Vladimir Vazov – Central city, private Ovcha kupel – I stage – Subway station 6 – Park Zaimov L = 105m. Tunnel underpass L = 23m, cross sectional area = 35m<sup>2</sup>; Subway station 8 “Orlov most” – two tunnels with a total length of 66m and cross sectional area of 220m<sup>2</sup>; Tunnel underpass L = 95m. Cross section 35m<sup>2</sup>, Tunnel before Subway station 6 length 190m. cross section: 75m<sup>2</sup>

III -5004 “Gabrovo bypass” from 0000km to 31,000km, drilling and construction of Tunnel No 1 from 12,420km to 12,960km with a length of 540m and cross section of 66m<sup>2</sup>

Highway “Hemus” - Rehabilitation of the Vitinya tunnel. Length = 1195m and cross section area of around 100m<sup>2</sup>

Highway “Struma” Tunnel “Zheleznicia” with a length of around 2000m

## FUTURE TUNNELLING ACTIVITIES

The Gabrobo bypass, 20,124.50km to 30,673.48km. In this future project there are 5 tunnels with a total length of 7231m. The tunnels have different cross sections from 80m<sup>2</sup> to 120m<sup>2</sup>

Highway Struma “Kruptnik-Kresna” - 7 tunnels with a total length of 7963m.

## STATISTICS

### 1. List of tunnels completed

The Gabrovo bypass Tunnel from 12,420km to 12,960km  
Extension to the Sofia Metro III

### 2. List of tunnels under construction

Rehabilitation of the Vitinya Tunnel on the “Hemus” Highway  
The Zheleznicia Tunnel on the “Struma” Highway