

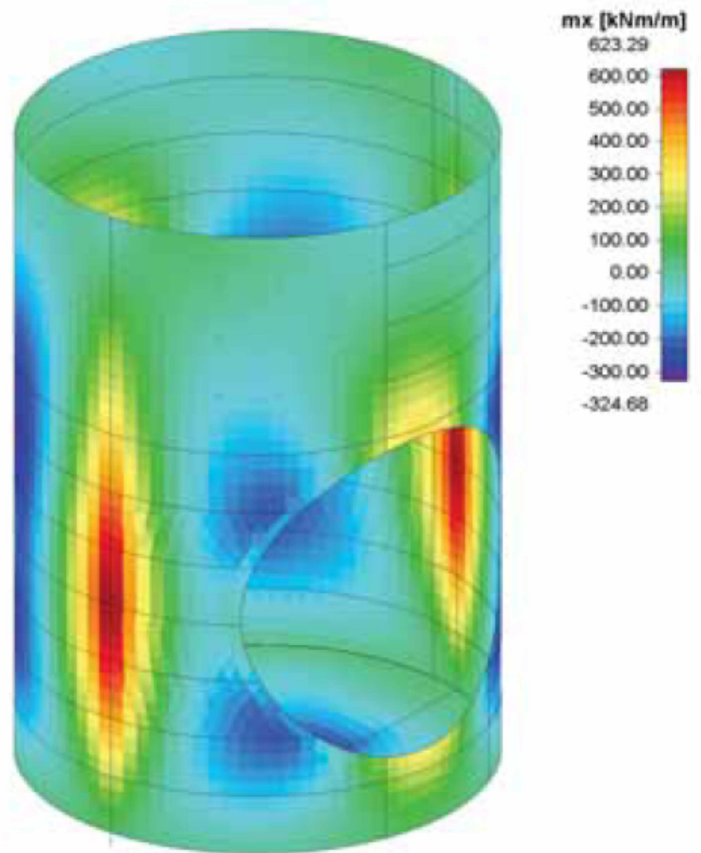
BAKU METRO: PURPLE LINE

Detail design of underground structures including access and ventilation shafts

Country: Azerbaijan
Client: Baku Metropolitan
Year: 2009 - 2014

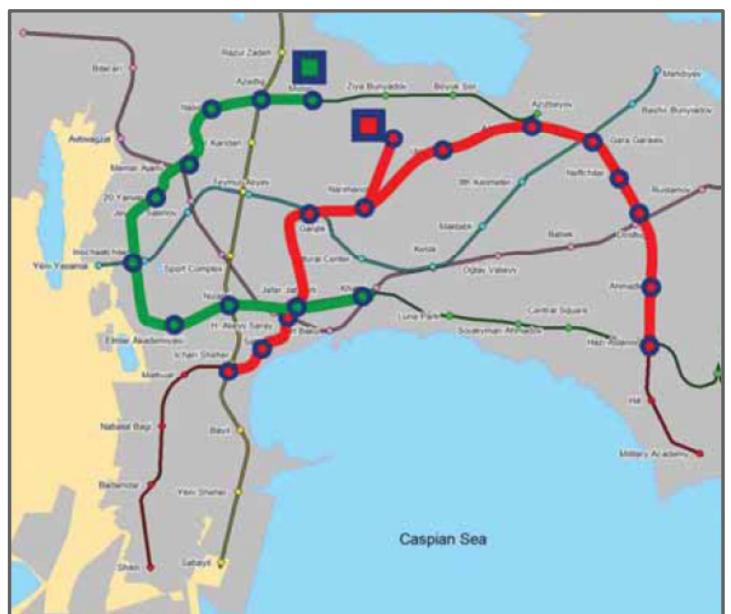
PROJECT DESCRIPTION:

Baku with 2.5 million inhabitants is the capital of Azerbaijan. The significant effort was generated to develop metro, as major part of the public transport system. Existing Red and Green lines will be extended by new Purple and blue lines. The Purple line has 20 km length and 12 stations. 7 stations were designed as exchange stations for connection with existing and new lines. Running tunnel and cross-passages are excavated using TBM and NATM in clays and sands under water table. Ventilation shafts are regularly located between stations.



PROJECT CONTRIBUTION:

3G Consulting Engineers together with Mott MacDonald CZ is involved in the detail design of the Purple line.



SERVICES PROVIDED:

- Construction procedure
- Drawings
- Static evaluation