

Sydney Metro Tunnel Project

Australia's biggest public transport project. In 2024, this new, stand-alone railway will have 31 new metro stations and 66km of metro rail. The fully automatic metro trains will begin service in 2019.

There are currently three parts to Sydney Metro:

- **Sydney Metro Northwest** (Tallawong to Chatswood), due to open in 2019, with a train every four minutes in the peak.
- **Sydney Metro City & Southwest** (Chatswood to Bankstown), work started in 2017; and
- The recently announced **Sydney Metro West** (Sydney CBD to Parramatta), which is still in early planning and development.

Key facts:

- 15.5km twin metro railway tunnels
- 5 Tunnel Boring Machines (TBMs)
- 6 new station boxes
- Sydney Metro has the ultimate capacity to run a train every two minutes in each direction under the Sydney CBD
- 99,000 pre-cast tunnel segments built on site at Marrickville

VSH Shurjoint products including Z07 rigid couplings, 7120/7121 tees, M21/7721 mechanical tees, 7110/7111 elbows, 7150/7151 reducers and other ductile iron fittings are used for the tunnel's fire protection system.



location

Sydney, Australia



year

2020

application

Fire protection

productline

VSH Shurjoint

vertical

tunneling

consultant

System Connect