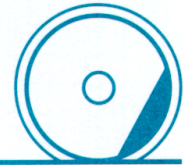


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Project: Metro Baku

Extension
of the
Baku Metro
Azerbaijan

and

Test Track
with
Vollert-Rheda
Slab Track
System

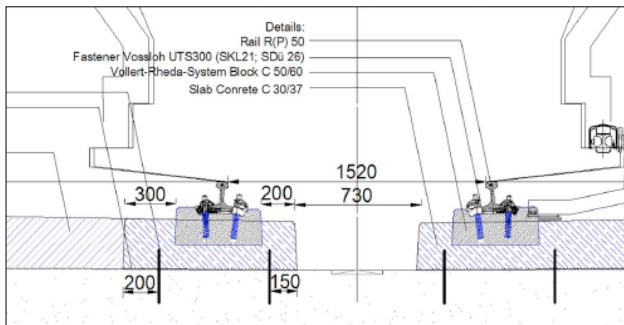


2016 – continuing

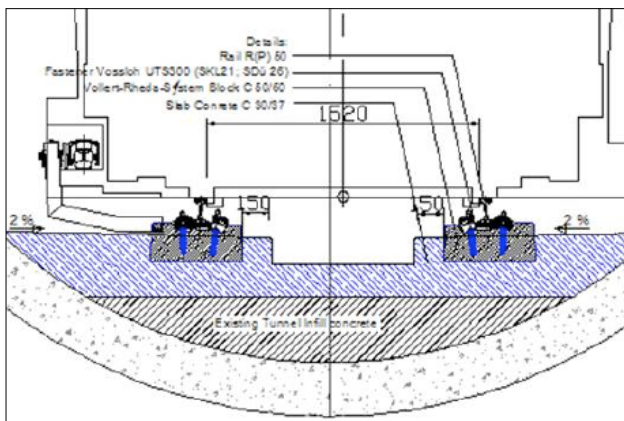
Metro Baku decided to continue slab installation with Vollert Rheda System.

We were contracted to provide track alignment based on the tunnel alignment, structural calculation and to impose track installation procedure documents.

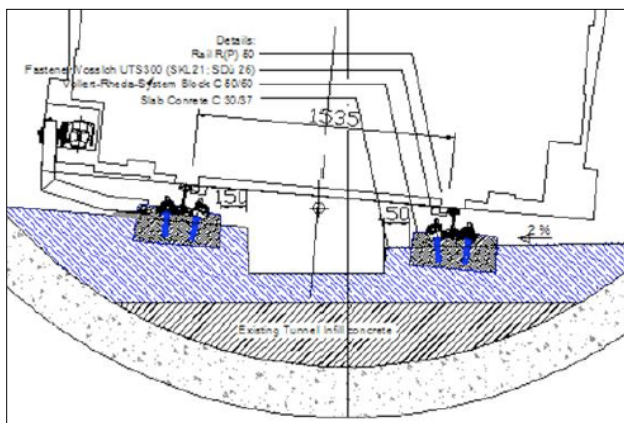
Into direction B4 after the B3-Station, a crossover with turnouts 300/1:9 was also part of de Design Works.



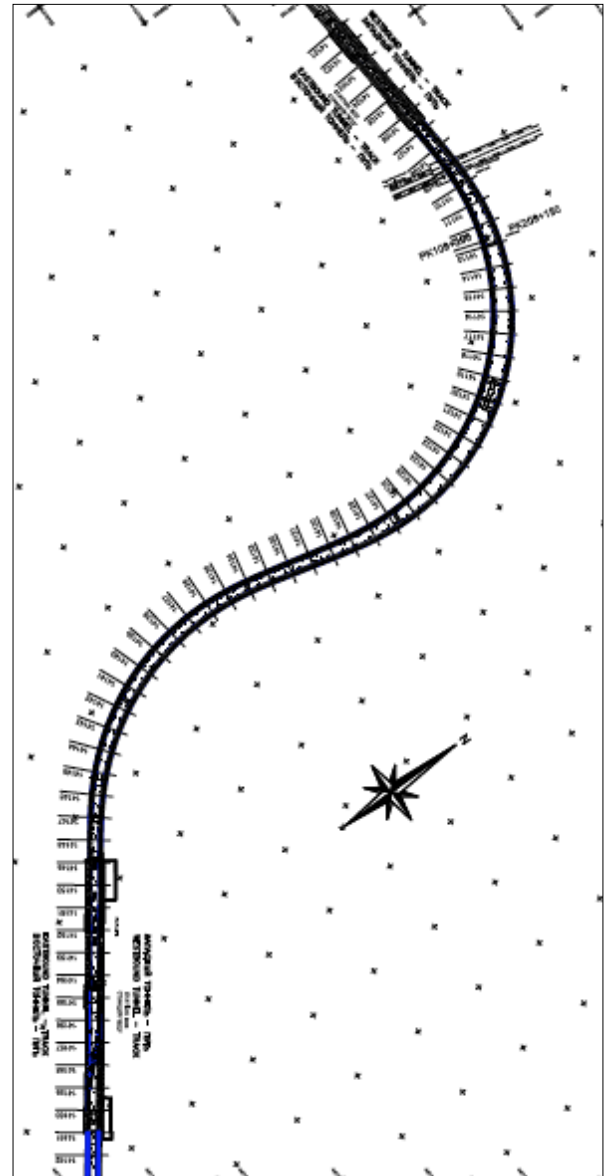
Vollert-Rheda plinth trackform in Underground Stations - cross section



Vollert-Rheda trackform in tunnel – straight alignment

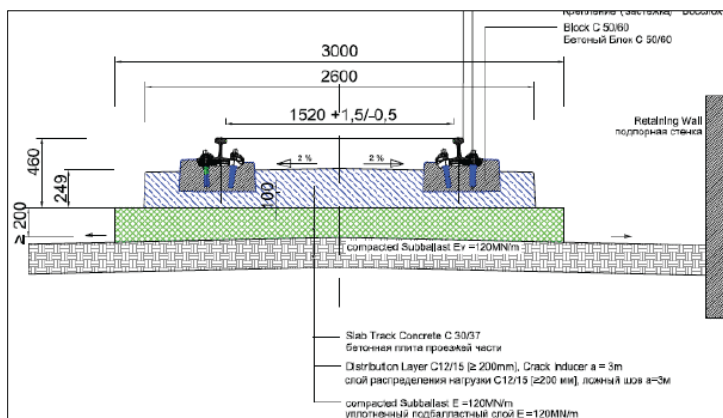


Vollert-Rheda cross section in canted track

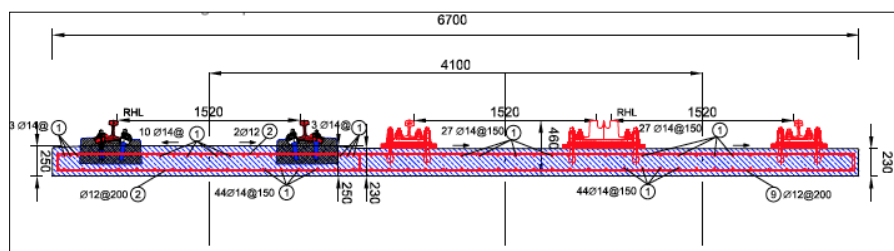


Alignment in curved tunnel B2-B3 Station

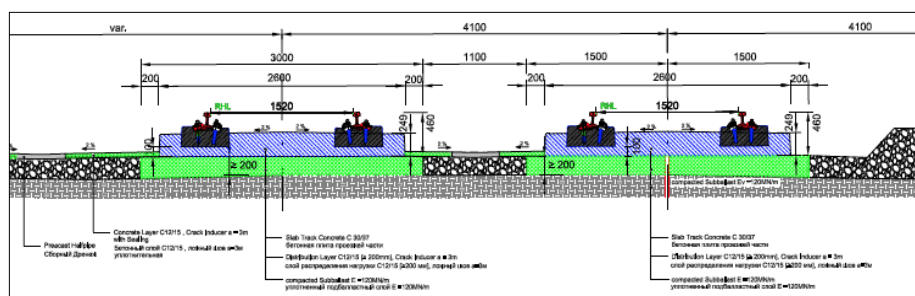
Part of the Sub-Contractor's work was to design the Vollert-Rheda Test Track with turnout slabs on embankment with structural calculation and description for installation procedures.



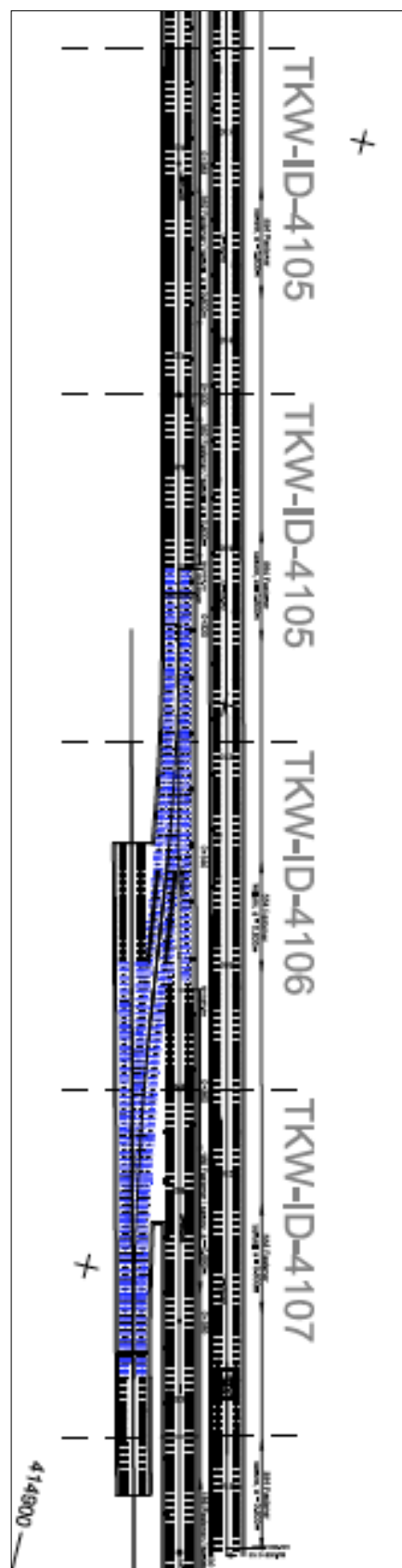
Test track cross section with Vollert-Rheda track slab system



Reinforcement cross section for turnout slab in the Test Track



Test track cross section with Vollert-Rheda track slab system



*Excerpt of
Test Track Layout with connection to
existing ballasted track*

Installed slab track Vollert-Rheda System in tunnel section with drain pit.



Installation of turnout in the test track with training of Metro Baku staff.

