



▲ 138 VSL permanent rock anchors as a part of an important road joining Chile and Argentina through the Andes.

National Road n° 7 is the main Argentinian east-west axis. This important road starts in Buenos Aires and crosses more than 1000 km to reach the Andes Mountains, natural border with Chile. Along this road, trucks, buses and cars from both countries cross every day through the International Border "Los Libertadores", close to the Aconcagua Mount (6959 m) the highest peak of South America.

Scope of works performed

- Supply of PT strands.
- Supply of Stronghold anchor heads.
- Components: plastic sheathing, grouting tubes, etc.
- Manufacturing of VSL Ground Anchors.
- Supply of VSL equipment.
- Supervision of Stressing.

This very important road is kept closed many days in winter, avoiding the traffic between both countries and affecting their economies and logistics.

Due to that problem, it was decided to improve the road - that in Chile reaches Santiago after crossing the Andes - so that loaded truck do not have to wait in line for days until the snow melts.

Snowsheds were built to generate a roof over the traffic in some places where snow usually accumulates.

As a part of this project, VSL Argentina was awarded a contract to supply 138 Permanent Rock Anchors.

This VSL Rock Anchors are formed by 7 0.6" strands 26 m long, and were stressed using VSL Argentina equipment and supervision.

VSL Argentina have built the anchors supplying all the

necessary elements such as: plastic sheathing, grouting tubes, etc.

Stronghold anchor heads 6-7 were used and the corresponding multistrand jack.

The works started in April 2004 finishing in May 2005.

PROJECT

Mendoza Shelters - National Road N° 7

OWNER

Vialidad Nacional Argentina

MAIN CONTRACTOR

Fundaciones Especiales S.A.
José Chediack S.A.

VSL ENTITY

VSL Sistemas Especiales de Construcción Argentina S.A.