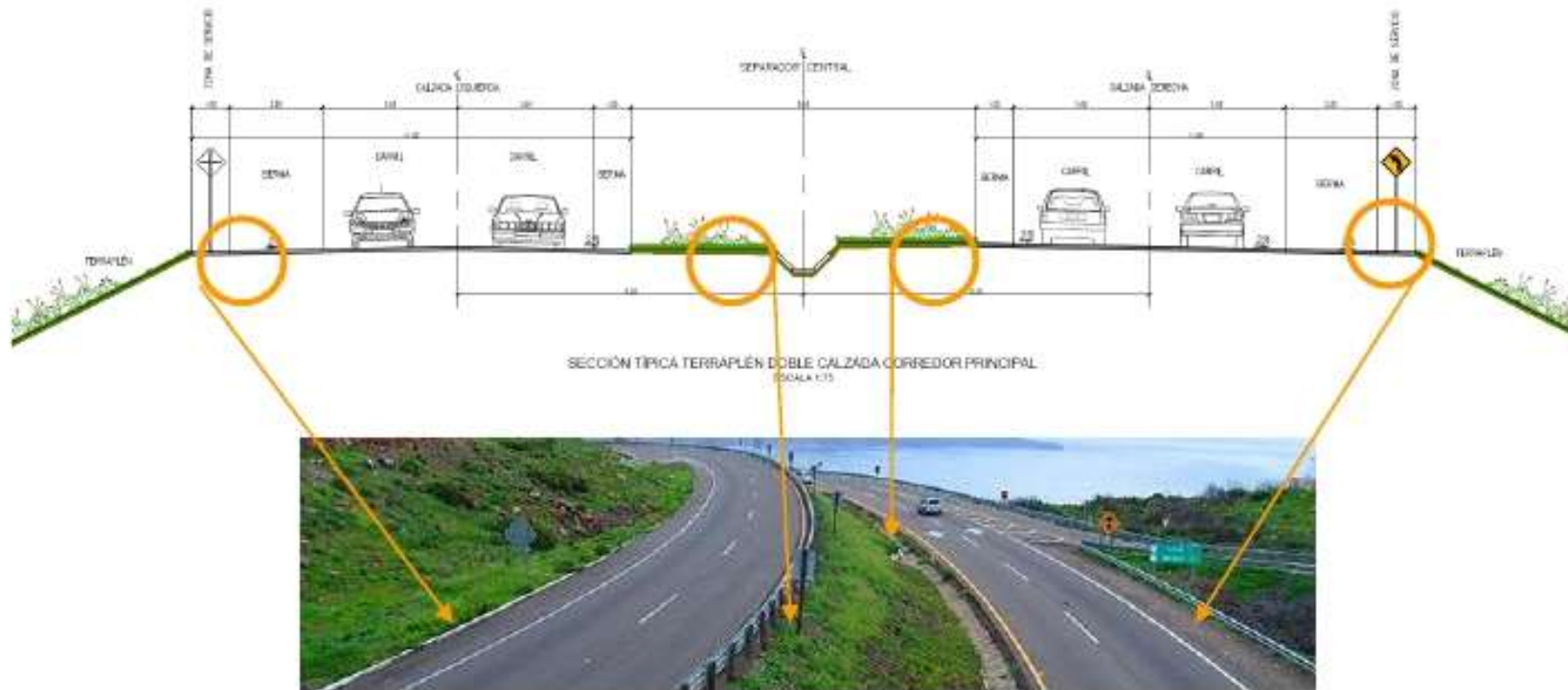


RoadDrain

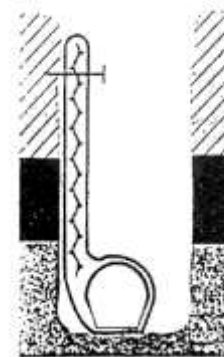
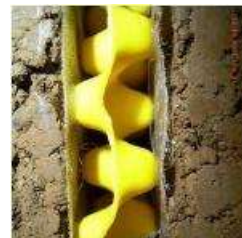
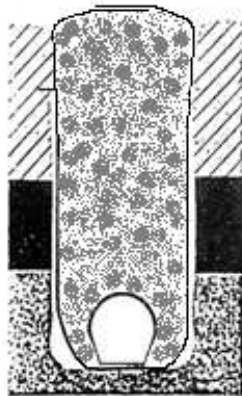
Roadside Barrier



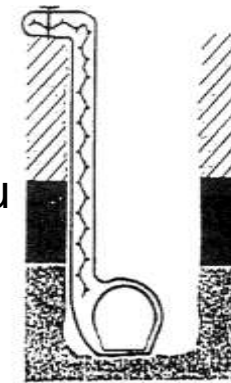
In a road, the improvement of the lift is related to the reduction of the water content, throughout the climatic cycles, of the materials composing the road structure.

Drainage contributes directly to the longevity of the road.

Traditional solution



ou

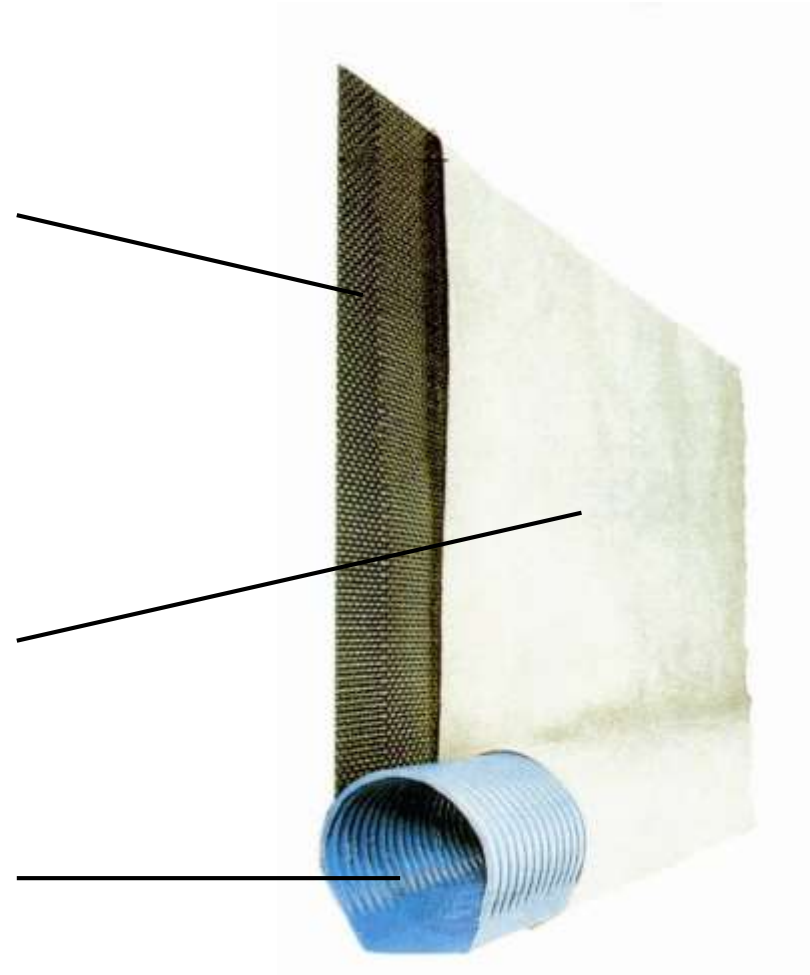


RYB Composites solution

Advantages :

- ✓ No granular materials to add
- ✓ Easy and quick installation
- ✓ Large flow capacity

- **THE GEOSPACER:** It opposes any lateral water migration for total safety of use: high flow rate and waterproof geospacer. It collects the resurgences and evacuates the excess water present at the interfaces of the pavement structure.
- **THE GEOTEXTILE :** It is a filter that completely covers the geospacer.
- **THE DRAIN:** Drain collector identical to that of draining trenches



1. The trench



Dimensions :

Width: the minimum necessary for manual implementation (40 to 60 cm)

Height: according to the product

2. Positioning and unwinding of rolls



Dimension of the roll :

Length: 48 m





3.1. Insertion of the drain into the pocket

- Remove the end of the thread from the Roll pocket
- Hang the thread securely on the drain
- Place the drain in the pocket



3.2. Insertion of the drain into the pocket



- Pull the thread at the opposite end of the Roll
- The drain slides into the pocket



4. Connection of drains



- Tools :
 - Riveting pliers
 - rivets
 - Drill
- Drill a hole, place and tighten the rivet





5. Connection of the rollers

1. Open the seam of the pocket
2. Lower the geotextile then fit the two draining structures
3. First, lower the upstream geotextile
4. Then lower the downstream geotextile
5. Lock the connection with two rivets



6. Implementation of the Roadrain in the trench

- Place the Roadrain in the trench
- Anchor the Roadrain using U-folded metal rods



7. Closing the trench



The trench is closed with the original materials and without additional materials.









The collector drain of the RoadDrain comes directly into the manhole.

It is fixed by rivets after drilling. The geotextile protects the entry / exit of the manholes correctly to avoid the fines to contaminate the drainage. It is sometimes advisable to add a so-called separation geotextile to protect the RoadDrain connection at this location.