

Road System

The Centenario Industrial Park features a high-specification road network designed to withstand heavy traffic, optimize internal mobility, and ensure structural durability under high-performance industrial conditions.

Technical Specifications:

Lane width: from 10.00 m to 10.50 m per lane, ensuring optimal space for tractor-trailers and maneuvering large vehicles.

- Layout and leveling: more than 189,000 m² of land leveled with topographic precision.
- Sub-base: 20 cm layer compacted to 95%, with selected bank material.
- Embankment: Construction with controlled materials and 95% compaction.
- Hydraulic base: 100% crushed limestone material with a thickness of 17 cm, compacted to 98%.
- Asphalt pavement: 5 cm thick hot mix, 100% compacted for maximum load support.
- Impregnation irrigation: Application of E.R.M. asphalt emulsion at a rate of 1.10 l/m².
- Bonding irrigation: Application of RR-2K emulsion at a rate of 0.8 l/m².
- Curbing and sidewalks: “Pigeon’s breast” type curbing, with concrete $f'c = 150 \text{ kg/cm}^2$ in more than 18,000 ml.

Regulations and Technical References:

- Design according to specifications for class A industrial parks.
- Compaction and structural strength validated by laboratory tests and on-site quality controls.

Strategic Advantages:

- Industrial transit infrastructure: roads designed to support tractor-trailers, forklifts, and heavy vehicles.
- Durability and low maintenance: use of certified materials, precise compaction, and high-performance asphalt mix.
- Logistical fluidity: facilitates rapid and secure access to lots, maneuvering yards, and industrial warehouses.
- Visibility and safety: curbs and sidewalks with durable finishes define spaces and contribute to road safety.
- Road network prepared for 24/7 operation in demanding industrial environments.