

Diagrama de um projeto de pavimentação em corte. O diagrama mostra uma seção transversal com uma pista existente de 6,00m de largura e um alargamento de 2,50m. O terreno original é representado por uma linha vermelha, e a nova superfície de pavimentação por uma linha amarela. O corte tem uma altura máxima de 14,63m. O aterro adjacente tem uma área de 26,04 m². As cotas elevacionais são: 589,00 (nível de referência), 588,943 (topo da pista), 589,043 (topo do alargamento), 589,143 (topo do aterro) e 589,443 (base do aterro). A inclinação do aterro é de 1:0,72. O diagrama também indica uma curva de 2% e uma curva de 0%.

Diagrama de um projeto de pavimentação em corte. A seção transversal mostra uma pista existente de 6,00m de largura, um alargamento de 2,50m e uma área de aterro de 19,27 m². O perfil longitudinal da pista existente é de 2% e o do alargamento é de 1,67%. O aterro tem uma inclinação de 8,01%. As cotas elevacionais são: 586,000 (cota da pista existente), 586,673 (cota do alargamento), 586,743 (cota do aterro) e 586,843 (cota do aterro). A largura total da pista é de 12,56m e a largura do alargamento é de 32,977m.

Technical drawing of a road cross-section showing a proposed 10.15m wide road with a 2% slope. The drawing includes a 5.71m wide existing road (pista existente) and a 6.00m wide proposed section. A 9.05 m² cutting area (Corte) is shown on the left, with a 5.64m slope. A 1.50 m² area is marked with a red cross-hatch pattern. Elevation points are marked: 576.345, 573.773, 573.843, and 573.743. A blue line indicates the 574.000 elevation.

Fig. 10. Section of the road pavement structure.

Technical drawing of a road cross-section showing a 9.09m wide cut. The drawing includes a yellow hatched area for the cut, a red hatched area for the existing road, and a blue line for the ground level. Key dimensions include a total width of 9.38m, a 4.50m slope, a 2.50m width, a 6.00m width, and a 2% slope. Elevation points are marked as 584.865, 582.043, 582.143, and 582.213. The existing road width is labeled "alarg." and "pista existente".

Technical drawing of a road cross-section showing a proposed sidewalk (pista existente) and a new curb (Corte). The drawing includes elevations, dimensions, and area calculations.

**Key Features and Dimensions:**

- Corte (Cut):** Indicated on the left side with a slope of 4.70. The area is hatched yellow and labeled "Corte 8,09 m2".
- Proposed Sidewalk (pista existente):** Indicated on the right side with a slope of 2%. The area is hatched yellow and labeled "pista existente".
- Existing Road (alarg.):** Indicated at the bottom with a slope of 2%. The area is hatched yellow and labeled "alarg.".
- Elevations:**
  - 571.459 (Top of the cut slope)
  - 571.273 (Top of the proposed sidewalk)
  - 571.843 (Top of the existing road)
  - 571.743 (Top of the existing road on the right)
  - 571.000 (Reference elevation line)
- Dimensions:**
  - 9.56 (Total width of the proposed sidewalk)
  - 5.71 (Width of the proposed sidewalk from the curb to the right edge)
  - 2.50 (Width of the proposed sidewalk from the curb to the left edge)
  - 6.00 (Width of the existing road from the curb to the right edge)
  - 4.70 (Slope of the cut)
  - 1.00 (Width of the existing road from the curb to the left edge)
- Other Labels:**
  - "sarjeta" (Curb) pointing to the vertical edge of the proposed sidewalk.
  - "0" (Zero) indicating the end of the proposed sidewalk.

[illegible]

Diagrama de perfil longitudinal de um trecho de estrada. O eixo horizontal representa a distância em metros, com pontos marcados em 5.70, 2.50, 6.00, 10.75 e 10.75. O eixo vertical representa a elevação em metros, com pontos marcados em 578.000, 578.753, 578.823, 578.723 e 576.030. A seção transversal mostra um aterro de 10,12 m², uma pista existente de 6.00 m de largura e uma alargada de 2.50 m. A inclinação do terreno é de 5.38% e a inclinação da pista existente é de 2.00%.

Technical drawing of a road cross-section showing a proposed sidewalk (pista existente) and a proposed cut (Corte). The drawing includes elevations, distances, and area calculations.

**Key Features and Dimensions:**

- Corte (Cut):** Indicated on the left side with a height of 7,60 m2. The slope is 1:1,42.
- Elevations:**
  - Top left: 572,677
  - Top right: 569,743
  - Bottom left: 569,000
  - Bottom right: 569,843
  - Intermediate points: 569,773 and 569,743
- Distances:**
  - Top horizontal distance: 9,30
  - Top right horizontal distance: 5,71
  - Bottom horizontal distance: 2,50
  - Bottom right horizontal distance: 6,00
- Areas:**
  - Yellow hatched area: 7,60 m2 (Corte)
  - Red hatched area: 1,58 m2 (sareta)
- Labels:**
  - sareta (red hatched area)
  - alarg. (widening)
  - pista existente (existing sidewalk)
- Grades:** A 2% grade is indicated for the sidewalk section.

Diagram illustrating the cross-section of a road project, showing the existing pavement (pista existente) and the proposed new pavement (alarg.) with a 2% slope. The diagram includes the following dimensions and elevations:

- Total width: 5.30
- Section 1 width: 2.50
- Section 2 width: 6.00
- Elevation at Section 1: 577.163
- Elevation at Section 2: 577.063
- Elevation at the ditch: 573.946
- Slope on the left: 6.27
- Distance to the ditch: 10.52
- Area of the new pavement: Aterro 11,17 m<sup>2</sup>

The diagram illustrates a road cross-section with the following details:

- Aterro (Embankment):** A triangular area on the left with a base width of 10.12 m and a sloped side of 6.05 m.
- pista existente (Existing Road):** A rectangular area on the right with a width of 6.00 m.
- alarg. (Widening):** The area between the embankment and the existing road, indicated by a dashed line.
- Elevations:**
  - 575.443: Top of the embankment slope.
  - 575.503: Top of the existing road.
  - 575.403: Top of the widening area.
  - 575.000: Ground level on the left.
  - 572.321: Base elevation of the widening area.
- Dimensions:**
  - 5.29: Horizontal distance from the ground level to the top of the widening area.
  - 2.50: Horizontal distance from the top of the embankment to the start of the widening area.
  - 10.35: Total horizontal base width from the left edge to the right edge of the widening area.
- Slope:** A 2% slope is indicated on the widening area.