

Figure 1 is a plan view of the bridge deck showing the layout of reinforcement bars (PB02a, PB04a, PB06a, PB08a) and the distribution of reinforcement bars (PB02a, PB04a, PB06a, PB08a) along the length of the bridge deck. The diagram includes dimensions for the reinforcement bars and the distribution of reinforcement bars along the length of the bridge deck.

Technical drawing of a reinforced concrete slab (PB01a) showing dimensions and reinforcement details. The drawing includes a plan view and a cross-section view.

Plan View Dimensions:

- Overall width: 425
- Overall length: 30
- Reinforcement spacing: 20Ø10 (140), 20Ø10 (626), 20Ø10 (200), 20Ø12 (570), 10Ø10 (440), 20Ø10 (100)
- Reinforcement diameter: 8x1e06 c/11, 27x1e06c/16, 4x1e06 c/10
- Reinforcement layout: 16, 80, 425, 90, 63

Cross-section View Dimensions:

- Slab width: 30
- Slab height: 27
- Reinforcement diameter: 21, 24, 25, 19
- Reinforcement layout: 19, 13

Reinforcement Details:

- Top bars: PB02a, B10
- Bottom bars: PB01a, B10
- Reinforcement layout: 19, 13

Other Labels:

- ESTRIBOS
- 30x27
- 25x27

The drawing shows a plan view of a reinforced concrete slab with the following details:

- Overall Dimensions:** The slab is 104 units wide and 63 units deep.
- Reinforcement:**
 - Top reinforcement: 2Ø12 (150) and 2Ø12 (180) bars.
 - Bottom reinforcement: 3Ø12 (145) and 3Ø12 (730) bars.
 - Stirrups: 15x1eØ6+1nØ6/7 and 32x1eØ6/16.
- Structural Elements:**
 - Beams: 35x15 and 30x27.
 - Columns: 21, 24, 27, 30, 35, 45, 50, 532, 506, 63.
 - Reinforcement details: PB07a, PB08a, 3Ø12 (70), 10Ø10 (435), 2Ø10 (100), 4x1eØ6 c/16.
- Labels:** "SUPERIOR" and "INFERIOR" indicate the top and bottom of the slab.

The technical drawing illustrates the cross-section of a bridge deck with multiple reinforcement layers and structural components. Key features include:

- Top Reinforcement Details:** Three rectangular sections at the top show reinforcement layouts with dimensions: 27x35, 21x34, and 27x34.
- Main Deck Profile:** A series of horizontal lines represent different reinforcement levels. Labels along these lines include:
 - 459
 - 2016 (200)
 - 2010 (465)
 - 532
 - 3010 (605)
 - 459
 - 3012 (560)
 - 2012 (315)
 - 2016 (445)
- Internal Components:**
 - A central vertical dashed line indicates a core or void.
 - A horizontal section labeled "PB23" is shown near the top center.
 - A section labeled "B57" is located on the right side.
 - A hatched rectangular area on the right is labeled "40x27".
 - A sloped section on the far right is labeled "3010 (105)".
- Bottom Reinforcement Details:** Four rectangular sections at the bottom show reinforcement layouts with dimensions: 80x12, 66x16, 120x16, and 372x16.
- Dimensions and Spacing:** Various numerical values are provided throughout the diagram, such as 95, 105, 120, 135, 49, 52, 35, and 40, indicating specific measurements and spacings between reinforcement elements.

Technical drawing of a reinforced concrete slab (B1) showing dimensions and reinforcement details. The drawing includes a plan view and a cross-section view.

Plan View Dimensions:

- Overall width: 543
- Overall depth: 500
- Reinforcement spacing: 20Ø10 (140), 20Ø10 (200), 20Ø10 (570), 20Ø10 (435), 20Ø10 (100)
- Reinforcement details: PB25, PB30, 32x1eØ6c/16

Cross-section View Dimensions:

- Slab thickness: 19
- Total height: 30
- Reinforcement details: 20Ø10 (100), 4x1eØ6c/16

Labels:

- B1
- ESTRIBOS

[illegible]

Figure 1 is an elevation view of the bridge deck showing the layout of reinforcement bars. The diagram includes dimensions for the deck width (30'10"), reinforcement bar spacing (e.g., 8", 12", 16"), and bar types (e.g., 30#16, 20#10, 35#27). The reinforcement bars are arranged in a grid pattern, with horizontal bars (30#16, 20#10, 10#10) and vertical bars (35#27, 7x1#08, 14x1#06, 8x1#06, 27x1#06). The diagram also shows the location of the bridge piers (PB25, PB24, PB23) and the bridge deck structure.

Diagrama de un sistema de viguetas prefabricadas con forjado y bovedillas. El diagrama muestra una sección transversal de una losa de concreto que incluye viguetas prefabricadas y bovedillas. Las etiquetas incluyen: 'Mallazo + negativos de vigueta' (refuerzo de las viguetas), '2098 de conexión (opcionales)' (refuerzo de conexión), 'Forjado' (losa de concreto), 'Viga perimetral' (viga de borde), 'Bovedillas' (elementos de relleno), 'Vigueta' (elemento prefabricado), 'Variable' (indicador de longitud), y una dimensión de '0.20' para el espesor de la losa.



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