

Figure 1 shows the plan view and cross-section of the bridge deck. The plan view indicates a deck width of 1.83m and a height of 1.73m. The cross-section shows a deck width of 0.10m and a height of 1.73m. The cross-section also shows a 2.0% slope and a material property $E_{def2}=30.0\text{MPa}$.

Technical drawing of a bridge structure, showing elevation and plan views.

Elevation View:

- Left pier top elevation: 295.14
- Left pier top elevation (right side): 295.08
- Right pier top elevation (left side): 295.03
- Right pier top elevation (right side): 294.91
- Right pier base elevation: 294.27
- Bridge deck slope: 2.0%
- Material strength: $E_{def}=30,0\text{MPa}$
- Material strength: $E_{def}=45,0\text{MPa}$

Plan View:

- Dimensions: 0.10, 2.35, 0.15, 0.85

Technical drawing of a drainage system, showing a plan view and a longitudinal section.

Plan View (Top):

- Dimensions: 2.95, 2.70, 0.15, 0.50.
- Orientation: North arrow pointing towards the top-left.

Longitudinal Section (Bottom):

- Structure: A rectangular structure with a sloped roof and a vertical wall.
- Elevations (m): 296.13, 296.07, 296.02, 295.90, 295.26.
- Slope: 2.0%.
- Labels: Edef2=30,0MPa, Edef2=45,0MPa.

Technical drawing of a beam cross-section. The drawing shows a horizontal beam with a total length of 2.50. The distance from the left end to the center of the beam is 2.35. The distance from the center of the beam to the right end is 0.15. The distance from the right end to the center of the beam is 0.50. The beam is supported by a vertical wall on the left and a vertical wall on the right. The elevation of the top of the beam is 293.22. The elevation of the bottom of the beam is 292.41. The elevation of the top of the vertical wall on the right is 293.17. The elevation of the bottom of the vertical wall on the right is 293.05. The beam is labeled with a 2.0% slope. The beam is labeled with Edef2=30,0MPa. The beam is labeled with Edef2=45.0MPa.

Figure 10 is a longitudinal section of the bridge deck. It shows the profile of the deck with various elevation points marked in blue: 297.13, 297.12, 297.00, 296.95, and 296.31. Slopes of 2.0% and 12% are indicated. The location of sensors Edef2=30,0MPa and Edef2=45,0MPa is marked. The diagram also shows the profile of the bridge piers and the location of the sensors Edef1=30,0MPa and Edef1=45,0MPa.

Technical drawing of a bridge structure. The drawing includes a plan view at the top and an elevation view below. The plan view shows a bridge deck with a total width of 2.50, a central section of 2.35, and a side section of 0.15. The elevation view shows the bridge structure with a 2.0% slope. Key elevations are marked: 293.87 at the left abutment, 293.82 at the top of the bridge structure, 293.70 at the top of the bridge structure, 293.06 at the bottom of the bridge structure, and 293.06 at the bottom of the bridge structure. The drawing also indicates a load of Edef2=30,0MPa and Edef2=45.0MPa.

Technical drawing of a bridge structure showing dimensions and elevations. The drawing includes a plan view at the top and a side elevation below it.

Plan View Dimensions:

- Overall length: 2.90
- Segment 1: 2.75
- Segment 2: 0.15
- Segment 3: 0.50

Side Elevation Data:

- Left support elevation: 298.16
- Right support elevation: 297.35
- Top of bridge deck elevation: 298.11
- Elevation of a lower structure: 297.99
- Ground slope: 2.0%
- Design pressure: Edef2=30,0MPa
- Design pressure: Edef2=45,0MPa

Technical drawing of a drainage system showing a plan view and a cross-section.

Plan View (Top):

- Horizontal dimensions: 0.10, 2.60, 2.35, 0.15, 1.00.
- Vertical dimensions: 94.52, 294.46.
- Slope: 2.0%.
- Manhole elevation: 294.41.
- Vertical riser elevation: 294.29.
- Ground level elevation: 293.65.
- Material specification: Edef2=30,0MPa.

Cross-section (Bottom):

- Horizontal dimensions: 2.00, 2.00, 2.00.
- Vertical dimensions: 294.41, 294.29, 293.65.
- Slope: 2.0%.
- Material specification: Edef2=45,0MPa.

Technical drawing of a drainage system showing a plan view and a cross-section.

Plan View (Top):

- Horizontal line with a 2.0% slope.
- Vertical line on the left.
- Dimensions: 2.90, 2.75, 0.15, 0.50.

Cross-section (Bottom):

- Vertical line on the left.
- Horizontal line with a 2.0% slope.
- Dimensions: 299.14, 299.09, 298.97, 298.33, 298.30.
- Labels: Edef2=30,0MPa, Edef2=45,0MPa.

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