

Technical drawing of a bridge structure, showing a plan view and a cross-section.

Plan View Dimensions (Top):

- Span lengths: 385, 385, 383, 387, 386, 385, 90
- Pier widths: 25, 15, 25, 15, 25, 15, 25, 15
- Abutment widths: 103, 385, 385, 385, 385, 385, 102

Cross-Section Dimensions (Left):

- Span length: 520
- Pier width: 470
- Abutment width: 440
- Span width: 25
- Pier width: 15
- Abutment width: 15

Other Dimensions:

- 2 406 (Total length of the bridge structure)
- 2 515 (Total length of the bridge structure)

Technical drawing of a bridge deck cross-section, showing a double-lane configuration. The drawing includes dimensions and reinforcement details.

Dimensions:

- Overall width: 8.3 m
- Overall height: 4.68 m
- Deck thickness: 0.25 m
- Span length: 5.20 m
- Span length: 4.70 m
- Span length: 4.40 m
- Span length: 4.15 m
- Span length: 3.85 m
- Span length: 3.65 m
- Span length: 3.45 m
- Span length: 3.25 m
- Span length: 3.05 m
- Span length: 2.85 m
- Span length: 2.65 m
- Span length: 2.45 m
- Span length: 2.25 m
- Span length: 2.05 m
- Span length: 1.85 m
- Span length: 1.65 m
- Span length: 1.45 m
- Span length: 1.25 m
- Span length: 1.05 m
- Span length: 0.85 m
- Span length: 0.65 m
- Span length: 0.45 m
- Span length: 0.25 m

Reinforcement Details:

- Top reinforcement: 15 mm diameter bars, spaced at 150 mm.
- Bottom reinforcement: 15 mm diameter bars, spaced at 150 mm.
- Vertical reinforcement: 15 mm diameter bars, spaced at 150 mm.
- Horizontal reinforcement: 15 mm diameter bars, spaced at 150 mm.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (○), 10⁷ cells/ml (□), 10⁸ cells/ml (△), and 10⁹ cells/ml (◇). The error bars represent the standard deviation of three independent experiments.