

Bridge Design Parameters

Geometry

Number of Spans

3

Span Length (m)

30

Skew Angle (°)

0

Clear Carriageway (m)

7.5

Levels

Road Top Level (m)

105

Soffit Level (m)

103

Founding Level (m)

98

Datum Level (m)

100

Structure

Slab Thickness Center (m)

0.4

Pier Width (m)

1.2

Pier Batter

6

Footing Width (m)

3.0

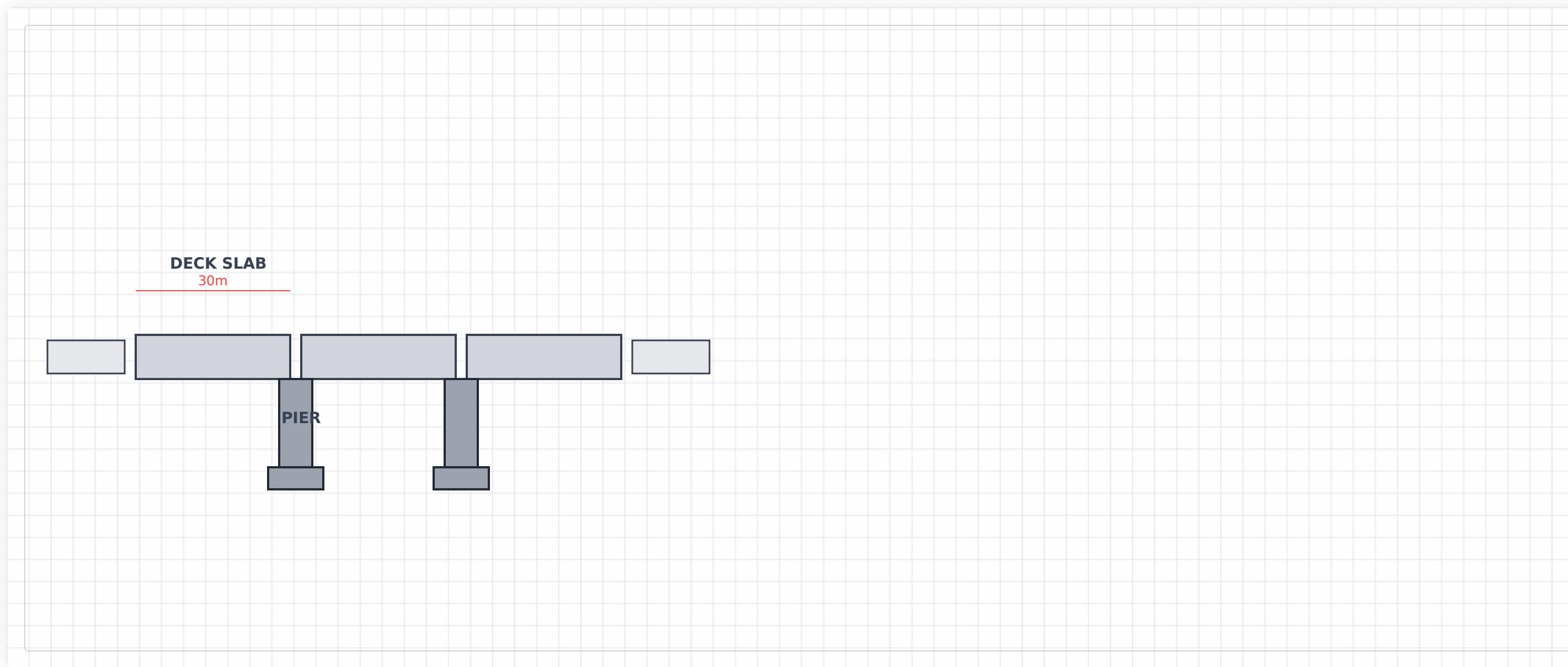
Generate Bridge Design

Bridge Visualization

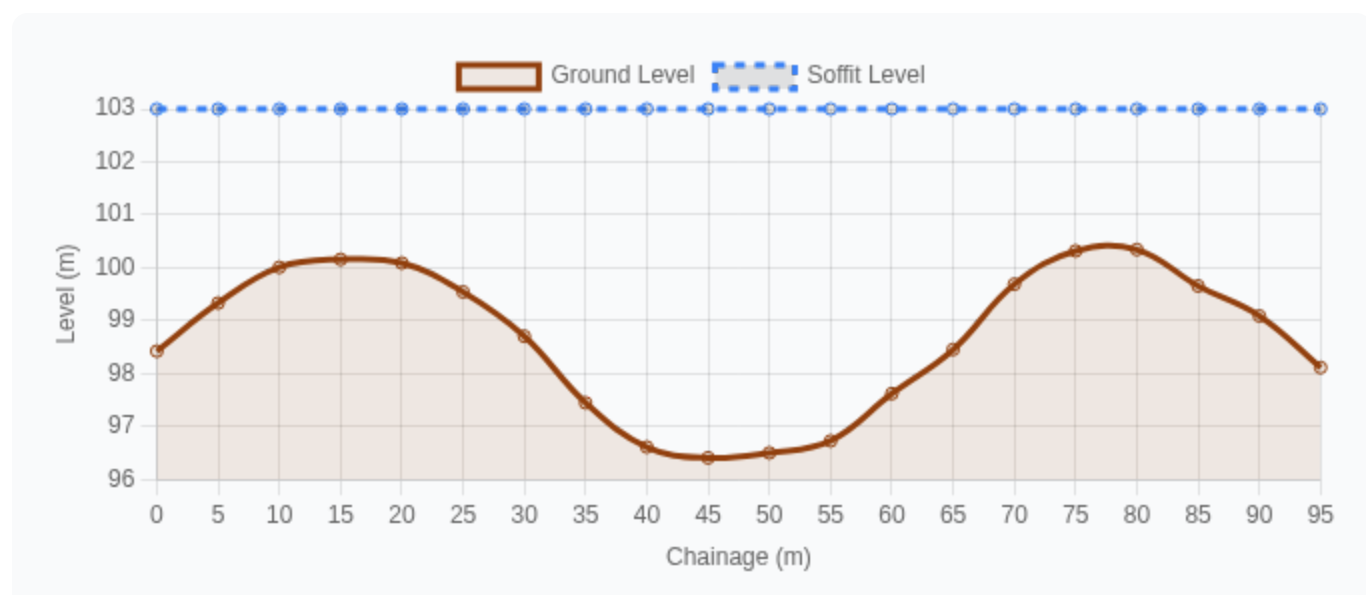
Elevation

Plan

Section



Cross-Section Analysis



Design Summary

Total Length

90.0 m

Deck Area

675 m²

Max Height

7.0 m

Clearance

5.0 m

Material Quantities

Concrete (m³):

324.0

Reinforcement (kg):

16200

Formwork (m²):

878

DXF Drawing Output

Download DXF

Print

Drawing Layers

☒ Structure☒ Dimensions☒ Annotations☒ Grid

BRIDGE GENERAL ARRANGEMENT

Scale: 1:500 @ A1

Drawing No: BRG-001

Rev: A

Date: 7/22/2025

Checked: BridgeGAD Pro

