

Stage 2A: Deck Steelwork Assembly

The diagram illustrates the assembly of the deck steelwork in two views: Plan and Elevation.

Plan View: Shows the curved layout of the deck steelwork. Vertical supports are indicated at permanent bearing positions on trimmer beams (see note 8) and at every second cross girder (see note 8). The supports are shown as vertical lines intersecting the curved steelwork.

Elevation View: Shows the deck steelwork assembled on supports. The supports are labeled "Vertical supports to spine box and deck boxes at every second cross girder, see note 8". The deck steelwork is shown as a series of horizontal lines supported by vertical columns. A label "Deck steelwork assembled" points to the structure. A reference "See Note 7" is also present.

Temporary Support Arrangement 1 in Assembly Yard

Scale 1:250

1. Spine box, deck boxes, cross beams, and trimmer beams assembled on trestles as shown (site welding and bolted connections)

Stage 3A: Removal of Intermediate Trestles

Plan

See note 6

Elevation

Temporary Support Arrangement 2 in Assembly Yard

Scale 1:250

1. Once concrete has reached minimum strength of 20N/mm², intermediate trestles beneath cross beams to be removed.

Stage 2B: Concrete Deck Slab

The diagram illustrates the construction of a concrete deck slab in two stages. The top drawing is a Plan view, showing a curved bridge deck with a central longitudinal section line. The deck is divided into two parts: the 'Northern part of concrete deck slab' (top half) and the 'Southern part of concrete deck slab' (bottom half). The deck is supported by a series of vertical piers. The bottom drawing is an Elevation view, showing the bridge deck supported by a series of piers. The deck is labeled 'Deck steelwork and concrete slab'. The piers are shown as rectangular blocks. The ground is indicated by a hatched pattern.

Plan

Elevation

Temporary Support Arrangement 1 in Assembly Yard

Scale 1:250

1. Cast concrete deck slab. Northern part of slab to be cast before or at the same time as the southern part.

Stage 3B: Concrete Edge Beam, Steel Truss Assembly and Parapet Barriers

Plan



Elevation

Temporary Support Arrangement 2 in Assembly Yard

Scale 1:250

1. Cast concrete edge beams. North concrete edge beam should be cast before or at the same time as south concrete edge beam.
2. Install truss steelwork components. Diagonal bracing members should not be fixed until all verticals and top chord components are installed. Eastern most diagonal brace B9 to remain disconnected (with temporary restraint) until bridge has been transported and set down on permanent abutments.
3. Parapet barriers installed to provide edge protection.

Residual Hazards
For residual hazards refer to drawing
C12768-TGP-SBR-DR-C-0104
and designer's CDM review document
C12768-TGP-GB-HS-C-0001

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<p>VFK Project Ref: C12768</p>	
<p style="text-align: center;">NOTES</p>	
<ol style="list-style-type: none"> 1. All dimensions in millimetres unless noted otherwise. 2. All levels in metres A.O.D unless noted otherwise. 3. For general notes see drawing C12768-TGP-SBR-GB-DR-C-0100. 4. Drawing to be read in conjunction with the steelwork fabricator's assembly method statement. 5. Relative levels to be agreed with the main contractor and lift and transport contractor to ensure adequate access for lifting equipment. 6. Maximum construction loading permitted on the bridge deck is 1.5kN/m². Any temporary support arrangements required for the truss during erection to be approved by the engineer. 7. Temporary foundations to be designed by others. 8. Trestles to be designed by others. Proposed arrangement for the interface with the permanent structure and associated loading to be provided to the designer for verification of the permanent works. 	

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