

Construction information for the proposed alterations to MVL3/98 Fieldhouse Lane Rail bridge. In accordance with decision notice 895069.

Contents

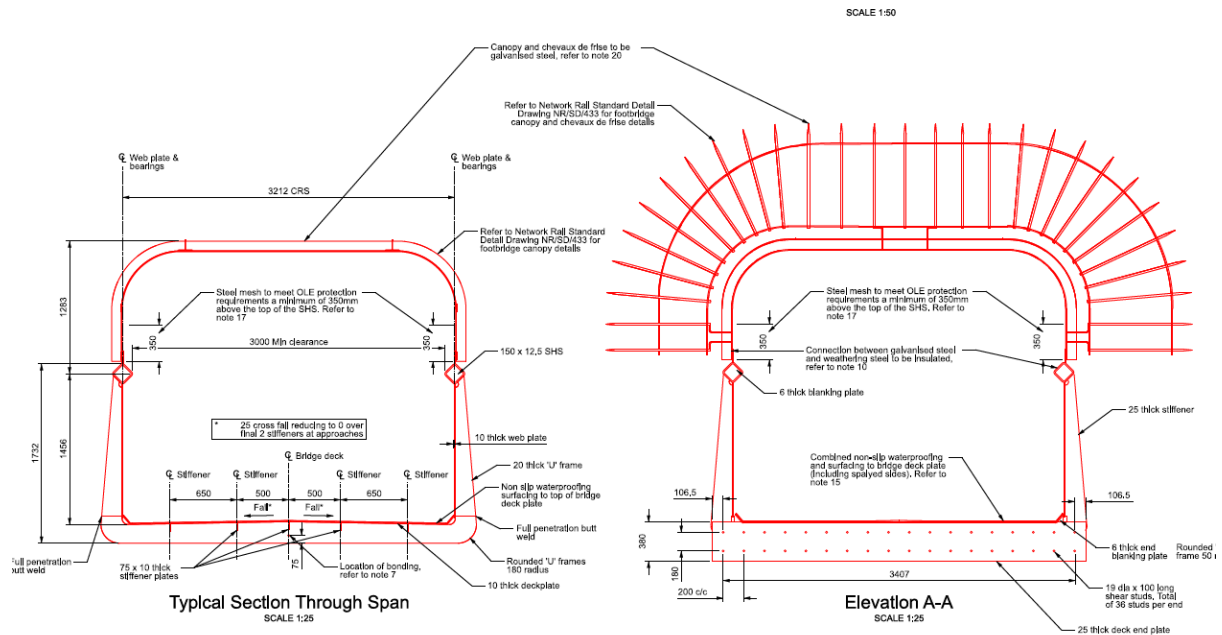
Construction Methodology	1
Construction Materials	2

Construction Methodology

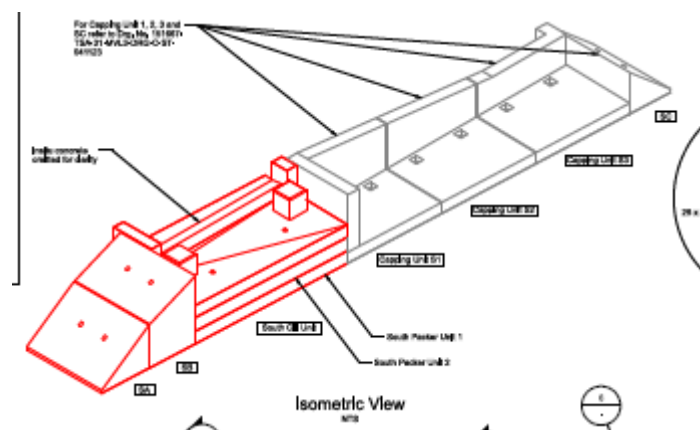
- 1) Form access to South of Structure over canal bridges
- 2) Temporary decking to support machinery
- 3) Break up and remove concrete deck
- 4) Erect access scaffold to both abutments
- 5) Remove and store North parapet wall
- 6) Excavate behind North and South Abutments
- 7) Temporary support to main girders installed
- 8) Wire cut abutments
- 9) During 1st 52Hr Possession
 - a. Install track protection
 - b. Rig Kirow Crane
 - c. Burn and remove deck in sections to rail wagons and transport to Hillhouse for processing and removal
 - d. Remove primary girders to rail wagons and transport to Hillhouse for processing and removal
 - e. Remove abutments to cut lines
 - f. De-Rig Kirow and remove to Hillhouse sidings
 - g. Remove track protection
- 10) Between possessions, prepare cills to receive new units and stair foundations
- 11) During 2nd 52Hr possession
 - a. Install track protection
 - b. Bring Kirow and Road Rail Vehicles to site
 - c. Transport Cill Units and deck to site
 - d. Lift in Cill units
 - e. Lift in precast stairs
 - f. Lift in new deck
 - g. Demobilise and remove Kirow from site
 - h. Remove Track protection
- 12) After Possession
 - a. Backfill to North and South abutment
 - b. Cast Footings for handrails
 - c. Install handrails
- 13) Demobilise

Construction Materials

- Bridge Deck
 - Galvanised canopy
 - Galvanised Cheveaux de Frise
 - Weathering steel footbridge deck
 - Painted (Holly Green) Top chord and internal faces
 - Tightly bonded anti-skid wearing course surfacing



- Cill Beams
 - Precast concrete cill units
 - Elastomeric Bearings



- Ramp and Stairs
 - Precast Stair units with Tactile paving top and bottom
 - Concrete handrail foundations with GRP fencing as below
 - Concrete Surfacing to ramps as below

