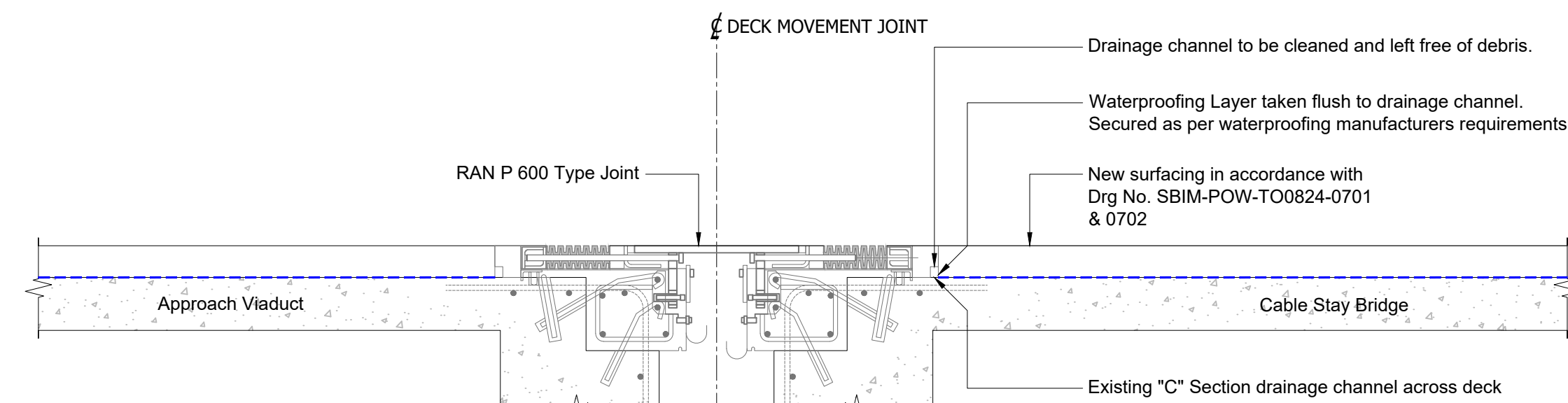


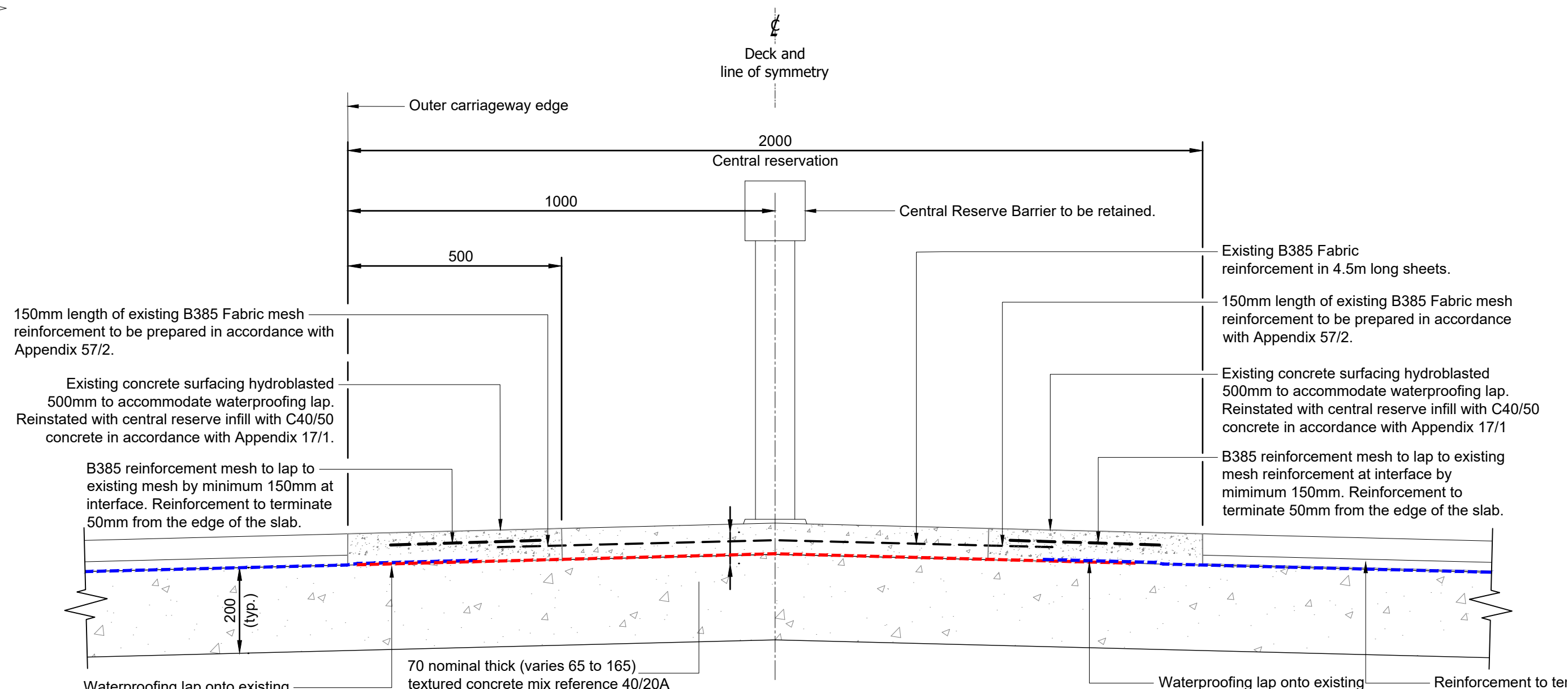
### Elevation on Dot Matrix Signal Post

Scale 1:20



### Typical Section through Movement Joint

Scale 1:20



### Shoots Bridge Central Reserve Typical Section

Scale 1:10

1. Do not scale from this drawing.
2. All dimensions are in millimeters unless otherwise stated.
3. This drawing is to be read in conjunction with all drawings in the SBIM-POW-T0824 Series.
4. Dimensions are taken from record drawings and have not been confirmed by measurement.
5. Waterproofing laps required at locations between construction phases as shown. All waterproofing laps at phasing interfaces to have minimum 300mm lap. The lap locations in this drawing should be read in conjunction with the traffic management phasing plan. Refer to Appendix 20 / 1 of the specification.
6. Phasing: The works are expected to be separated into the following phases:
  - a) Westbound Lane 1 and Hard Shoulder
  - b) Westbound Lane 2 and Lane 3
  - c) Eastbound Lane 1 and Hard Shoulder
  - d) Eastbound Lane 2 and Lane 3
7. Concrete class to be designated and prescribed standardised mix in accordance with BS 8500-1:2015 as noted:  
Central Reserve infill: C40/50
8. Concrete repair details refer to drawing SBIM-POW-T0824-5701
9. Concrete testing to be undertaken on all areas of exposed deck in accordance with Appendix 57/6 of the specification.
10. Surfacing to be in accordance with Appendix 7/1 of the specification.
11. Any sawcuts into the existing surfacing shall be limited to 50mm to avoid damaging the deck. The contractor shall use information from the GPR survey as well as undertake trial pits/cores to confirm the limitations for sawcutting.
12. Planing of the existing surfacing shall be limited to within 15mm of the concrete deck to avoid damage to the deck. The contractor shall use information from the GPR survey as well as undertake trial pits/cores to confirm the limitations for planing.
13. Any waterproofing works is to be undertaken in accordance with CD358 - Waterproofing and Surfacing of Concrete Bridge Decks.
14. Lapping of waterproofing is to be undertaken in accordance with Appendix D of CD358.

M	Main Tower
MJ	Movement Joint



## RESIDUAL DESIGN HAZARDS

(The following information has been collected from Preconstruction Information and the Arney CDM Hazard Management Process).

### Residual Design Hazards:

HS-01 - Striking existing utilities

HS-02 - Temporary instability of bridge as a result of concrete

HS 03 - Risk of Injury from protruding reinforcement

HS-04 - RA1 Procedure limitations

HS-05 - Reduction in deck thickness due to hydro demolition

HS-06 - Depth of deck when breaking out concrete

Designed:	Amey	Date:	12.04.2024
Drawn:	Alex Davey	Date:	12.04.2024
Checked:	Tom Bolton	Date:	12.04.2024
Approved:	Laurence Green	Date:	12.04.2024

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Client



Project Name

## M4 Prince of Wales Bridge Resurfacing Strategy

Drawing Title
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Prince of Wales Bridge  
Proposed Details - Sheet 1 of 1

Drawing Status <b>For Tender</b>	Suitability <b>S2</b>
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Drawing No

SBIM-POW-TO824-DWG-0005

S2

Rev  
201