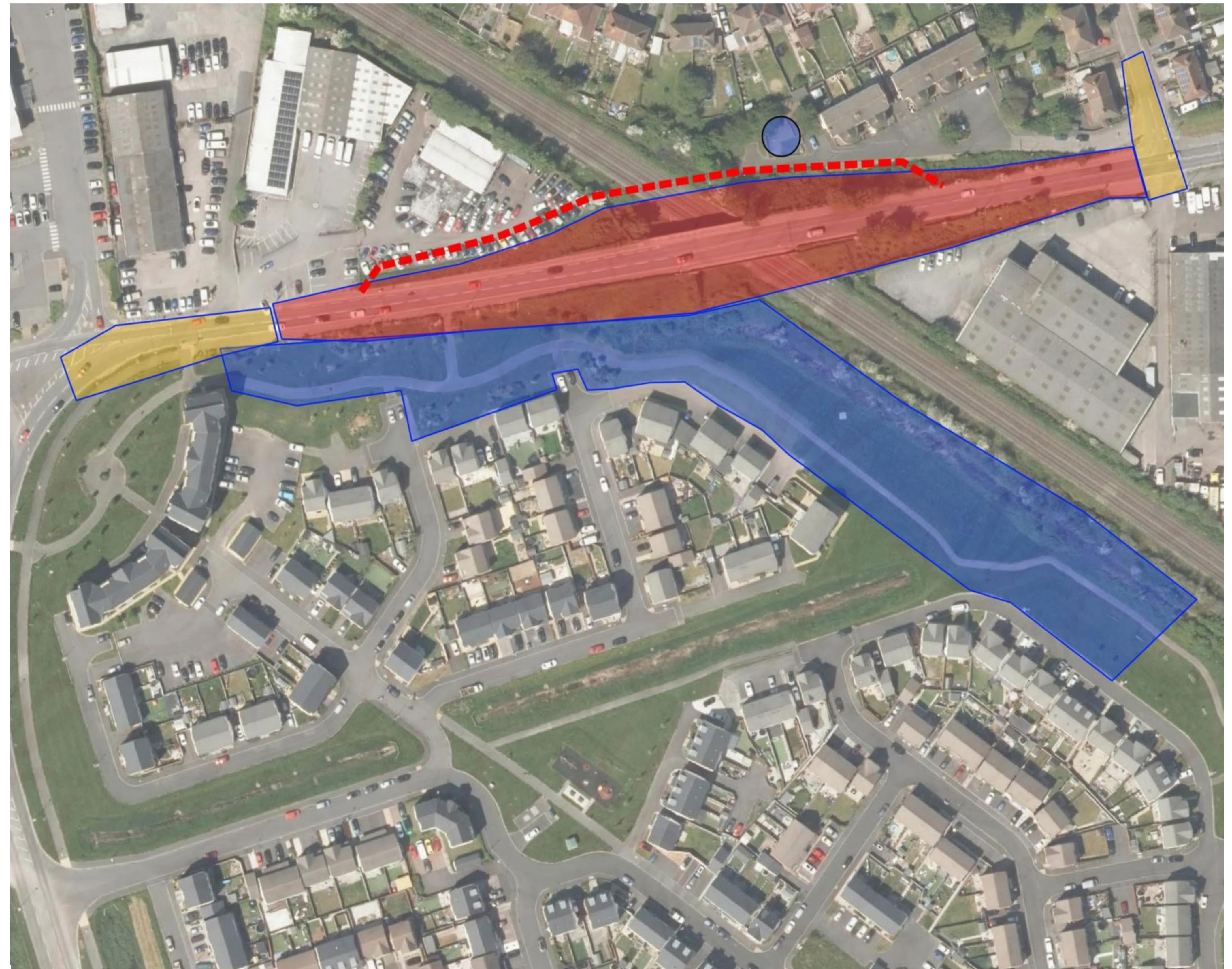


# Winterstoke Road replacement bridge scheme

## Site map

- Temporary pedestrian and utility bridge
- Area for improvements
- Compound and access area
- Short term works area, which will take place towards the end of the project.



# Winterstoke Road replacement bridge scheme

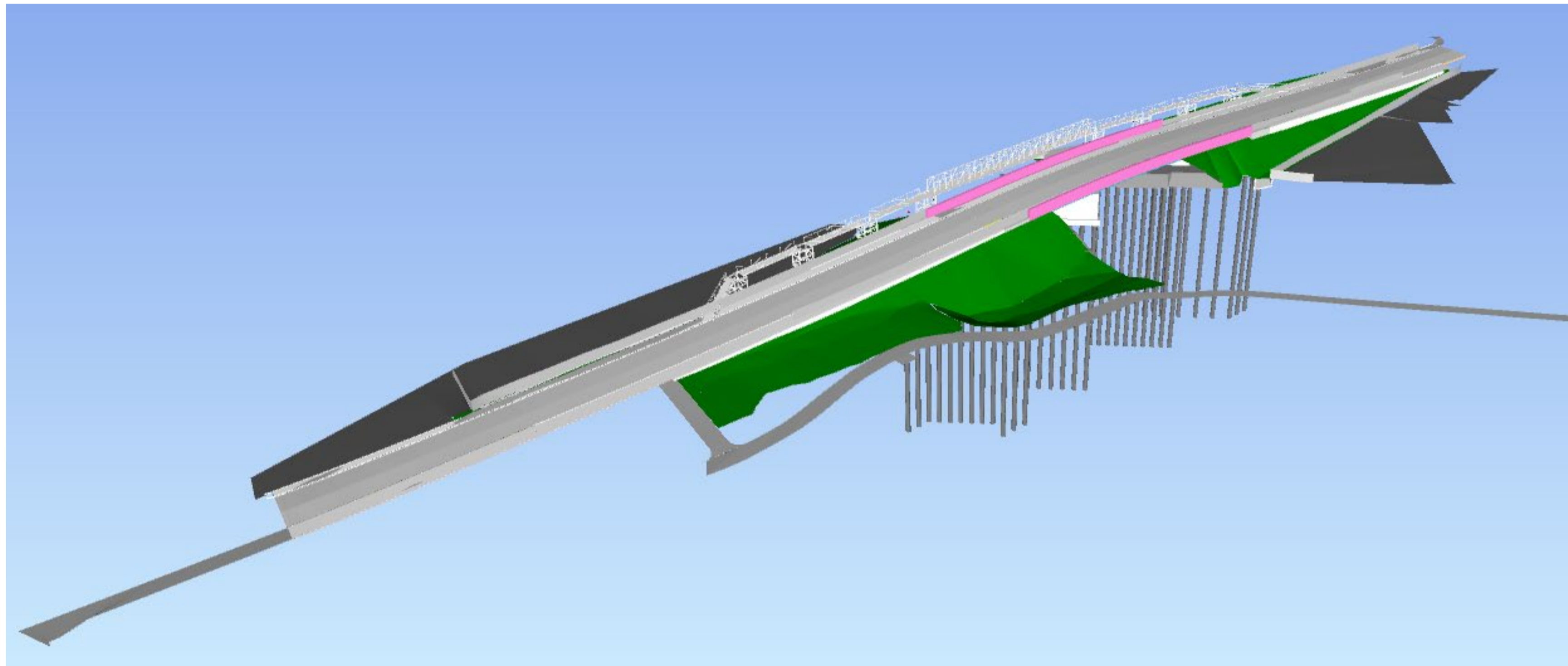
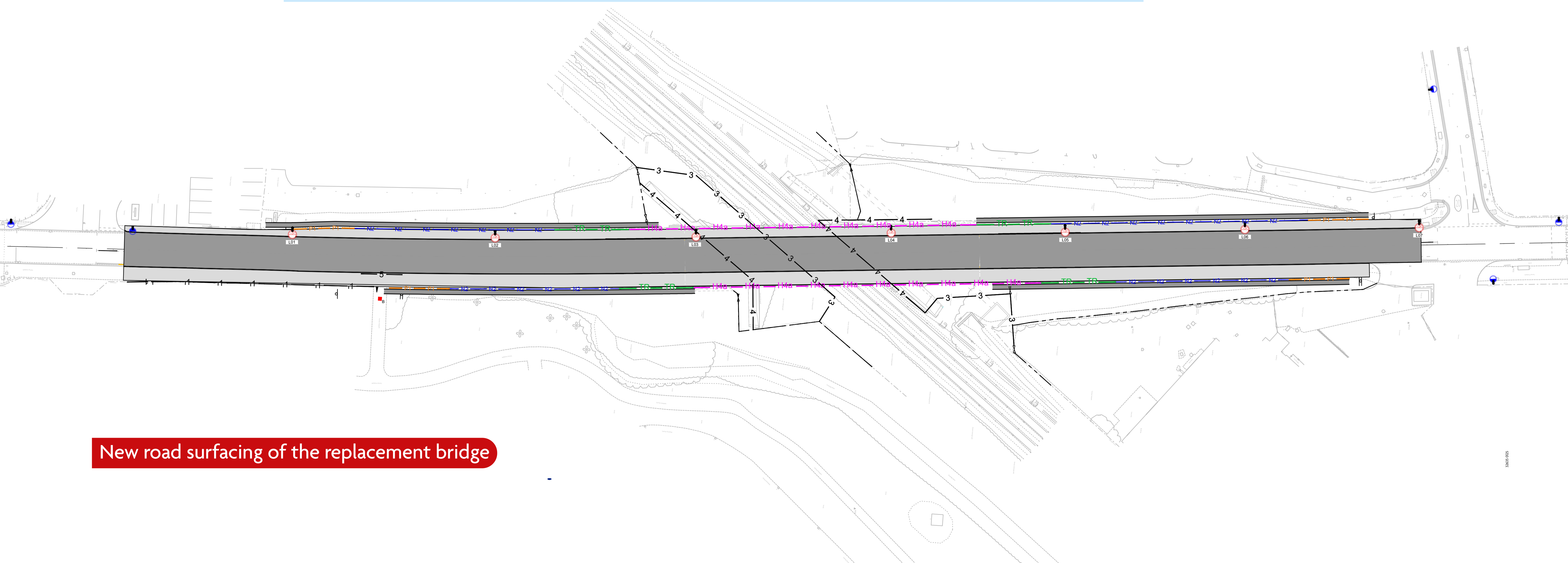
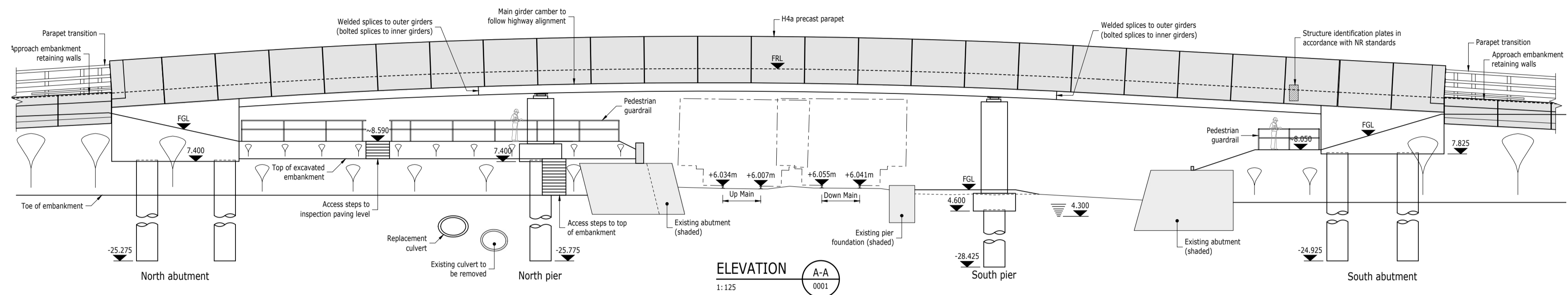


Image from the designers computer model

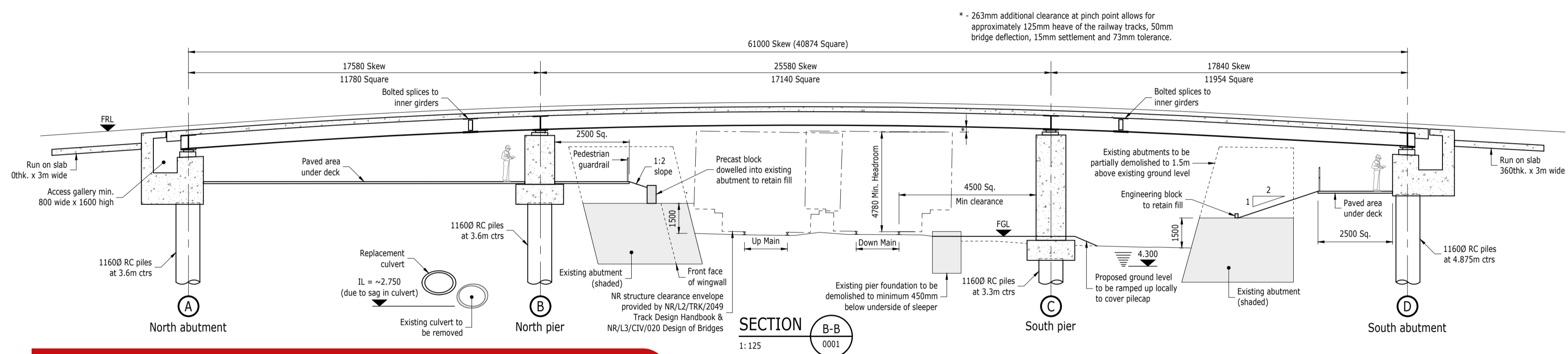


New road surfacing of the replacement bridge

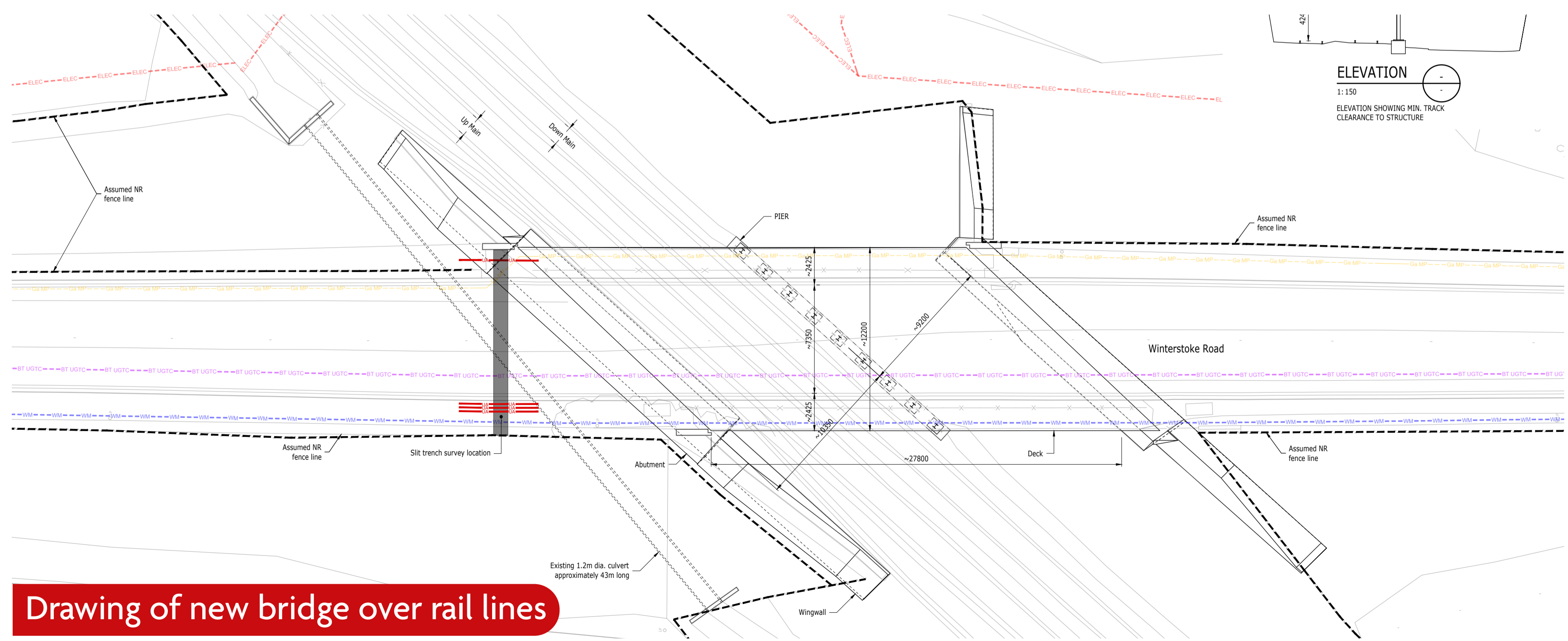
# Winterstoke Road replacement bridge scheme



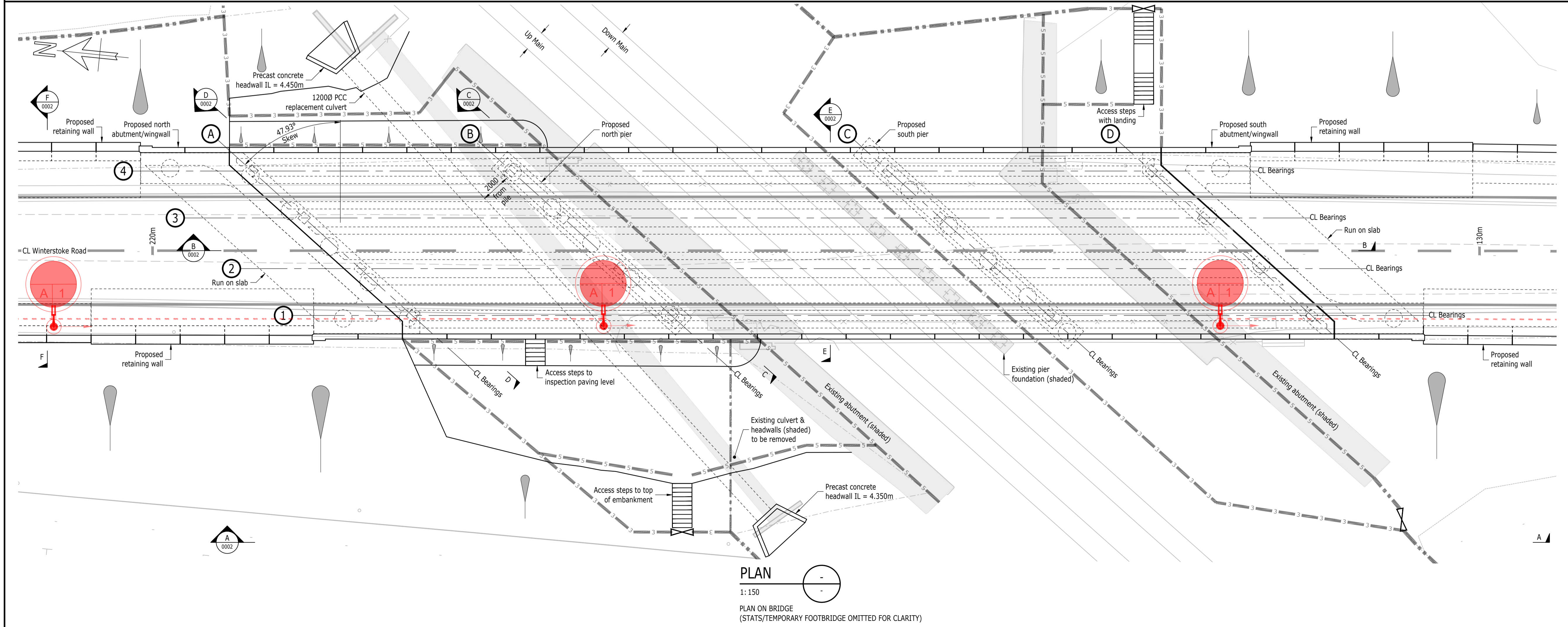
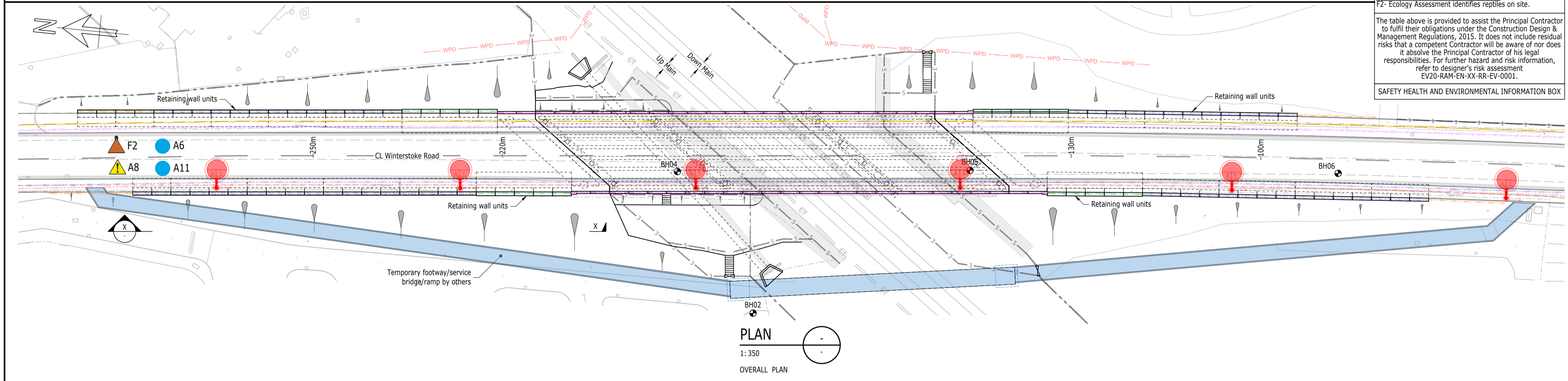
Drawing of new bridge



Drawing showing new bridge's foundations



Drawing of new bridge over rail lines













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**STATS KEY**

- 8T UGTC— Open Reach - 6no.
- WM— Bristol Water - 2 No.
- ELEC— Lighting Duct - 1No.
- Empty— Ducts for future use - 3No.
- WPD— Existing Western Power Distribution (HV 11kV Underground cable)

**KEY**

-  N2 → N2 VRS - N2 W2
-  TR → TR VRS Transition W4
-  H4a → H4a VRS - H4a
-  P1 → P1 VRS - P1 Terminal
-  1 FT1 - Timber post & rail
-  3 Palisade fencing (NR boundary)
-  5 Pedestrian guard rail
-  Existing network rail boundary fence
-  Gate
-  Lighting Column

P09	Redrawn	02/09 2025	CB DV	PCB
P08	Stats details updated	12/04 2024	JT SC	PCB
P07	For Approval	01/12 2023	JT SC	PCB
P06	For Approval	02/11 2023	JT SC	PCB
P05	For Approval	29/04 2022	MJC ITB	JDA
P04	For Approval	17/02 2022	CB ITB	PCB
P03	For Approval	18/01 2021	CB ITB	PCB
P02	For Approval	09/11 2021	CB ITB	JDA
P01	For Approval	25/08 2021	MJC ITB	JDA
Rev	Description	Date	By	App

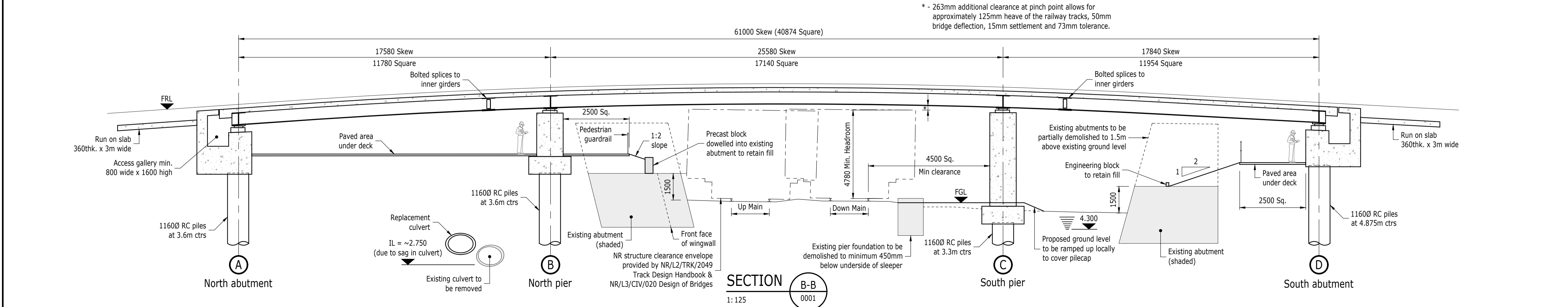
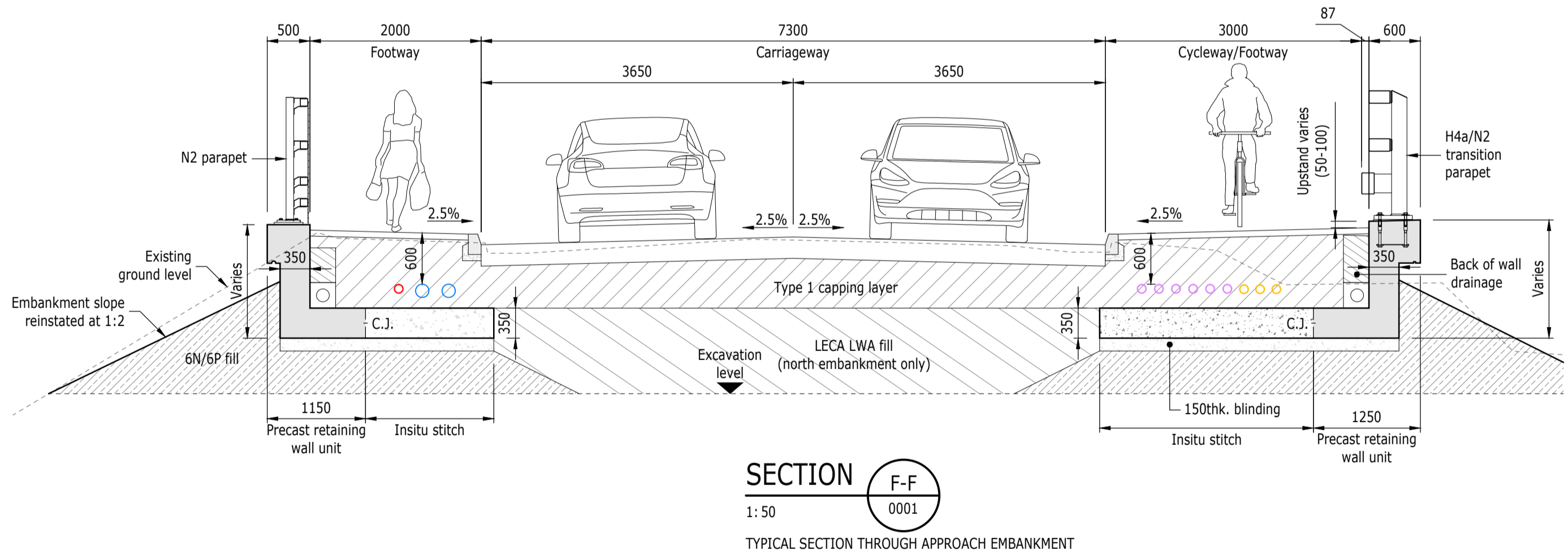
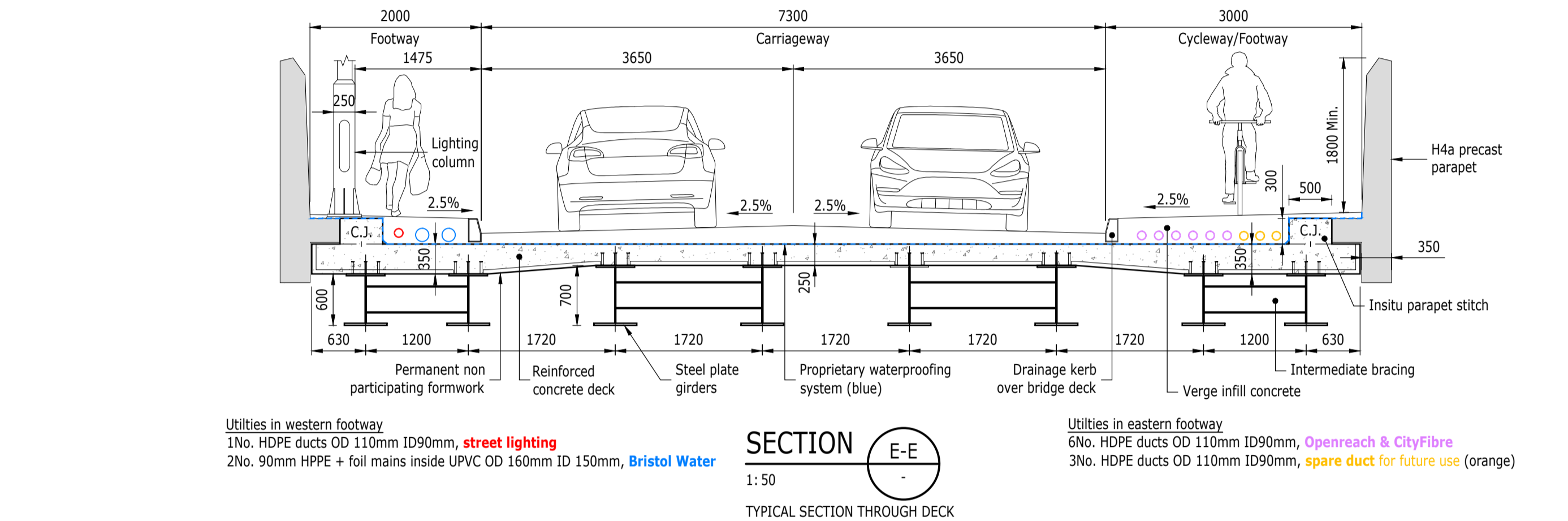
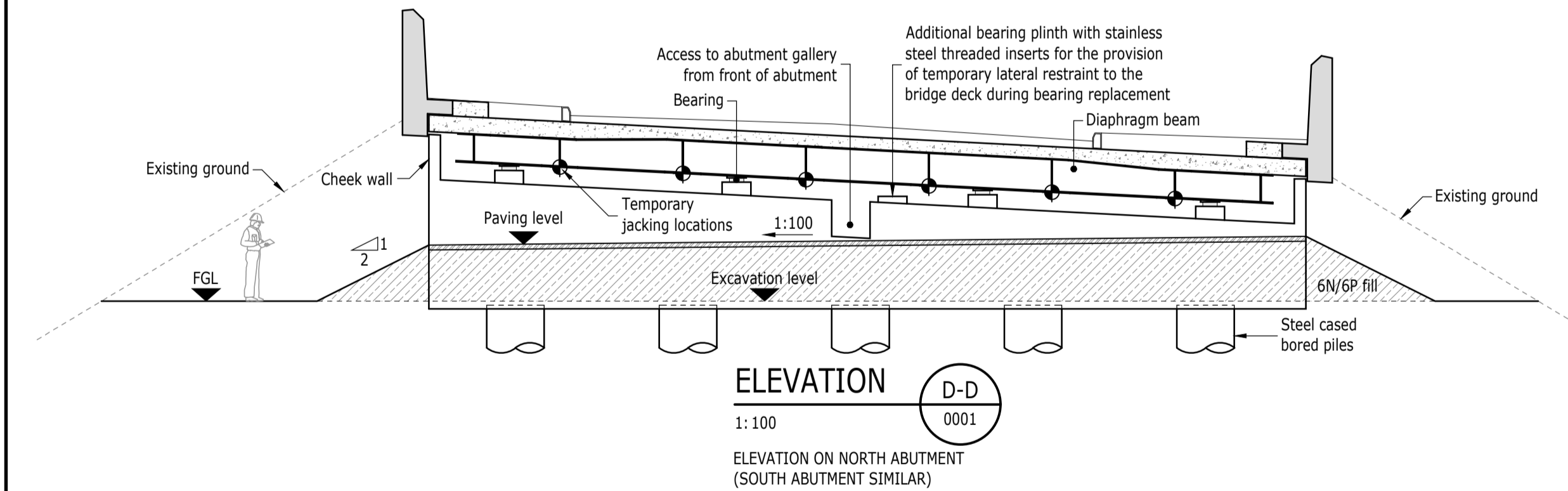
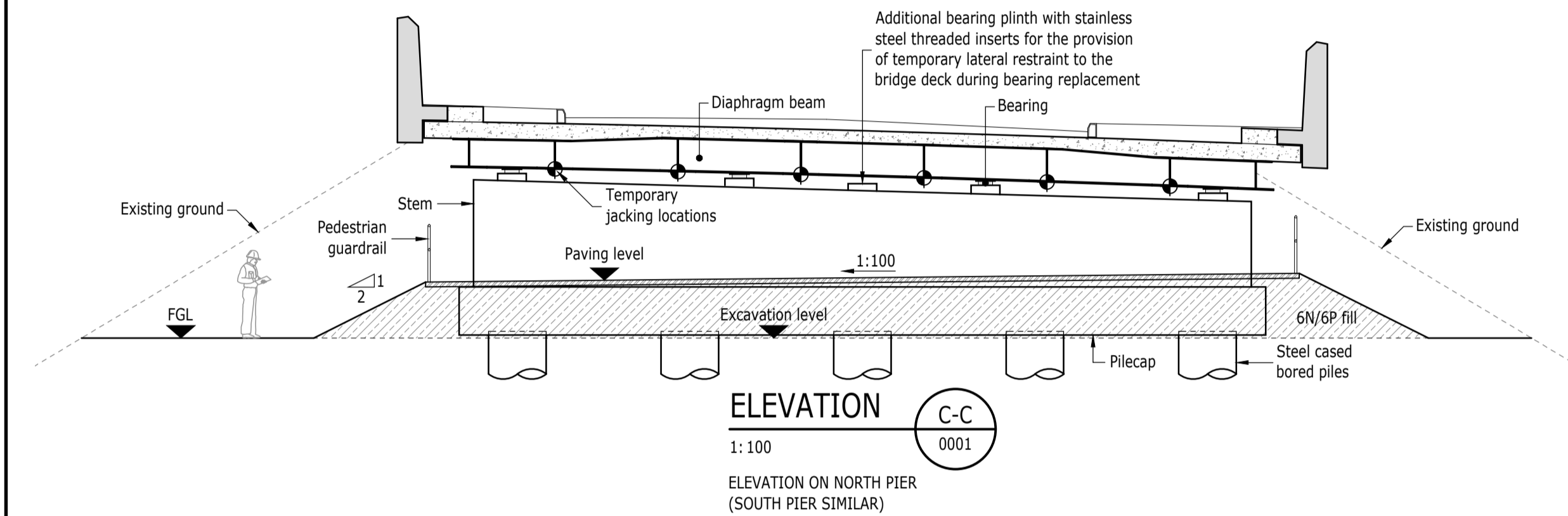
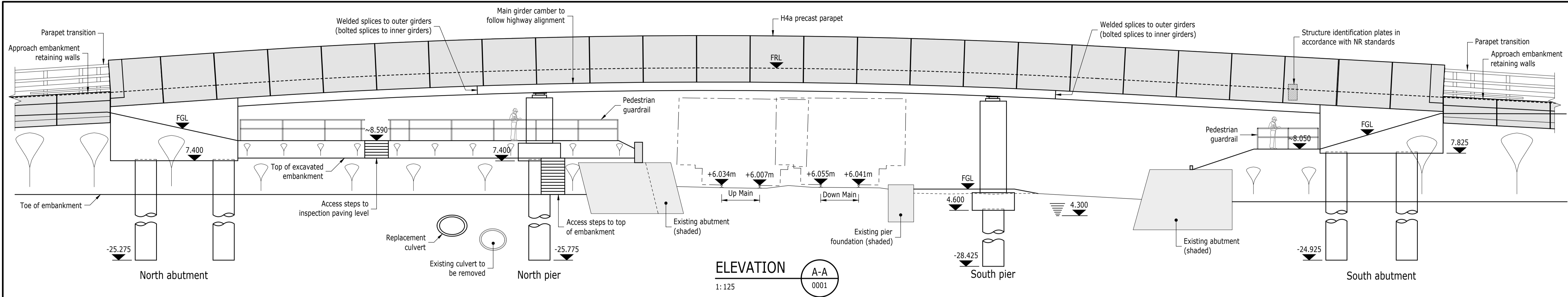
			Chk	
Status:				
S4 - Suitable for Stage Approval				

WINTERSTOKE  
BRIDGE REPLACEMENT



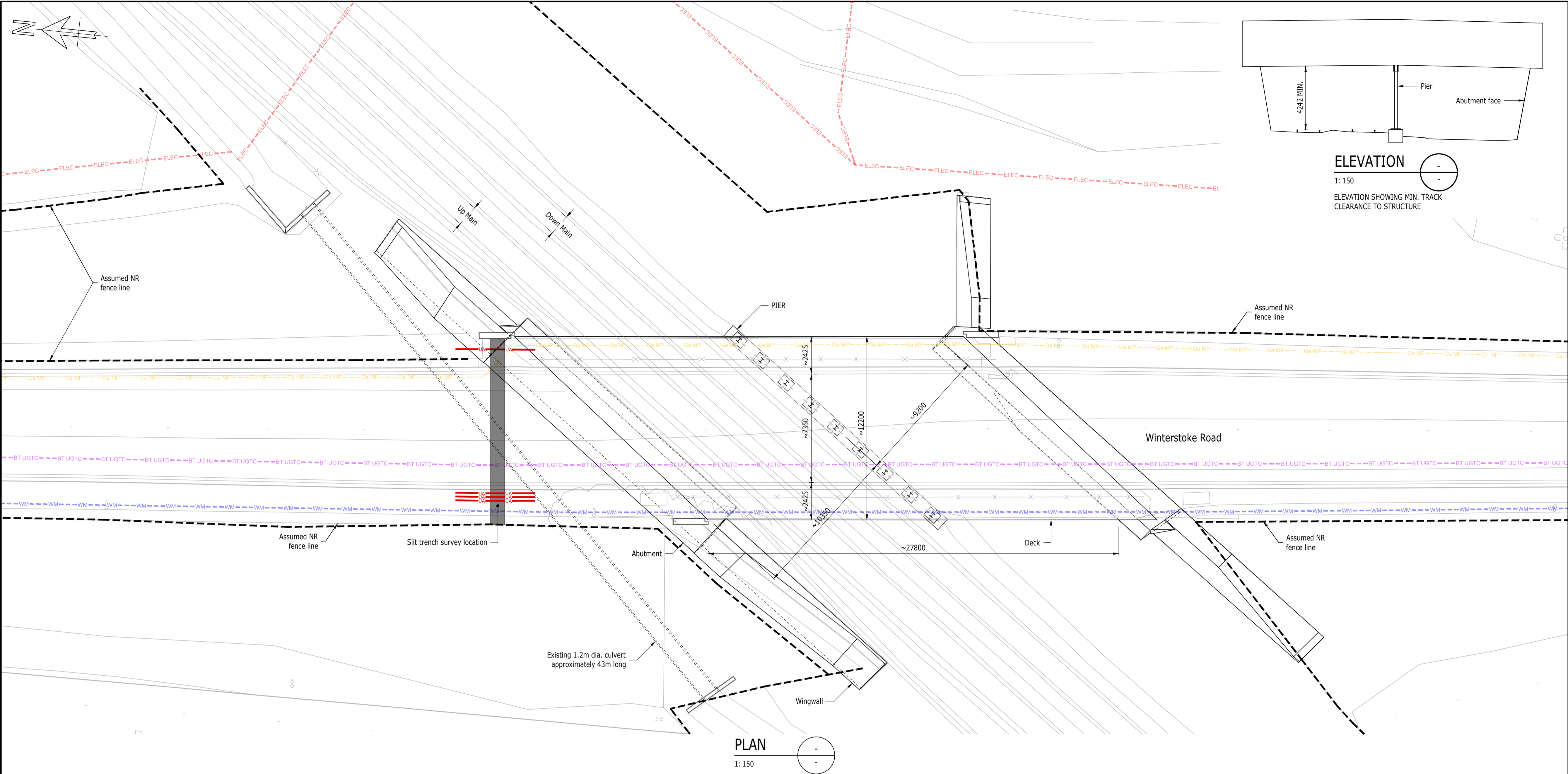
WINTERSTOKE ROAD  
OVERBRIDGE  
GENERAL ARRANGEMENT  
SHEET 1 of 2

Project No: 1620009758	Scale (@A1): As Shown	Drawn: MJC	Date: AUG. 2021
Drawing No: EV20-RAM-ZZ-XX-DR-CB-0001			Rev: P09



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Notes				
For Notes/SHE Information refer to Sheet 1.				
</				



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- Notes
- This drawing shall only be used for the design element in the drawing title.
  - Stats shown indicatively. Position to be confirmed by the stats companies, including any additional infrastructure - manholes, draw pits, valves etc.

- STATS KEY
- BT UGTC 4No. BT ducts
  - ELEC Western Power Distribution (HV 11KV Underground cable)
  - Ga MP Wales & West gas main (300Ø steel pipe)
  - WM Bristol Water main (6"Ø main)
  - UA Unknown asset - Identified by slit trench survey (August 2021)

P04	For Approval	02/11 2023	JT	PB
P03	For Approval	01/07 2022	CB	PB
P02	For Approval	18/01 2022	CB	PB
P01	For Approval	09/11 2021	CB	PB
Rev	Description	Date	By	App
			Chk	

Status: S4 - Suitable for Stage Approval

WINTERSTOKE  
BRIDGE REPLACEMENT

RAMBOLL

North Somerset COUNCIL

octavius

AECOM

WINTERSTOKE ROAD  
EXISTING OVERBRIDGE  
GENERAL ARRANGEMENT

Project No: 1620009758

Scale (8A1): As Shown

Drawn: CB

Date: NOV. 2021

Drawing No: EV20-RAM-ZZ-XX-DR-CB-0003

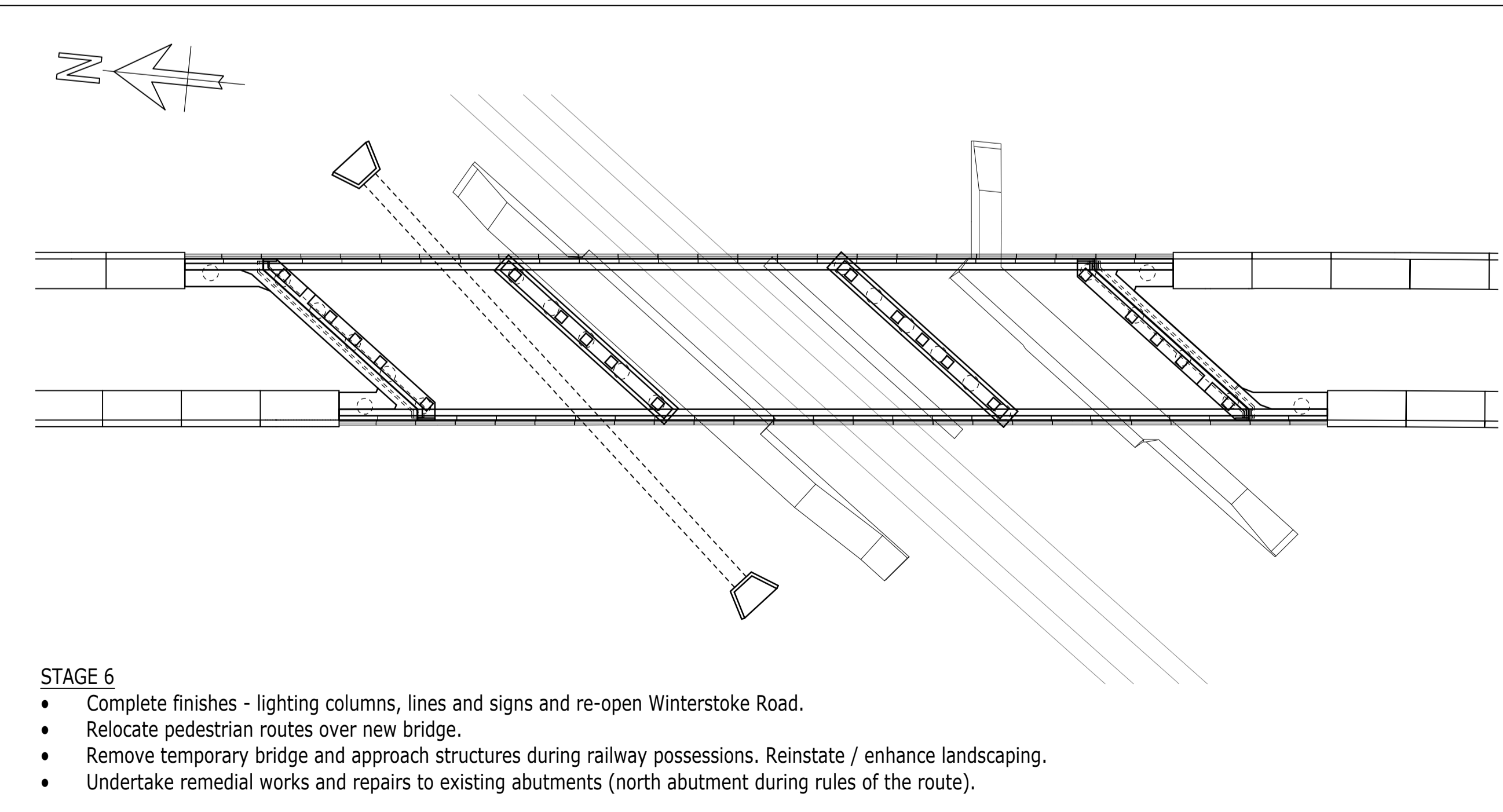
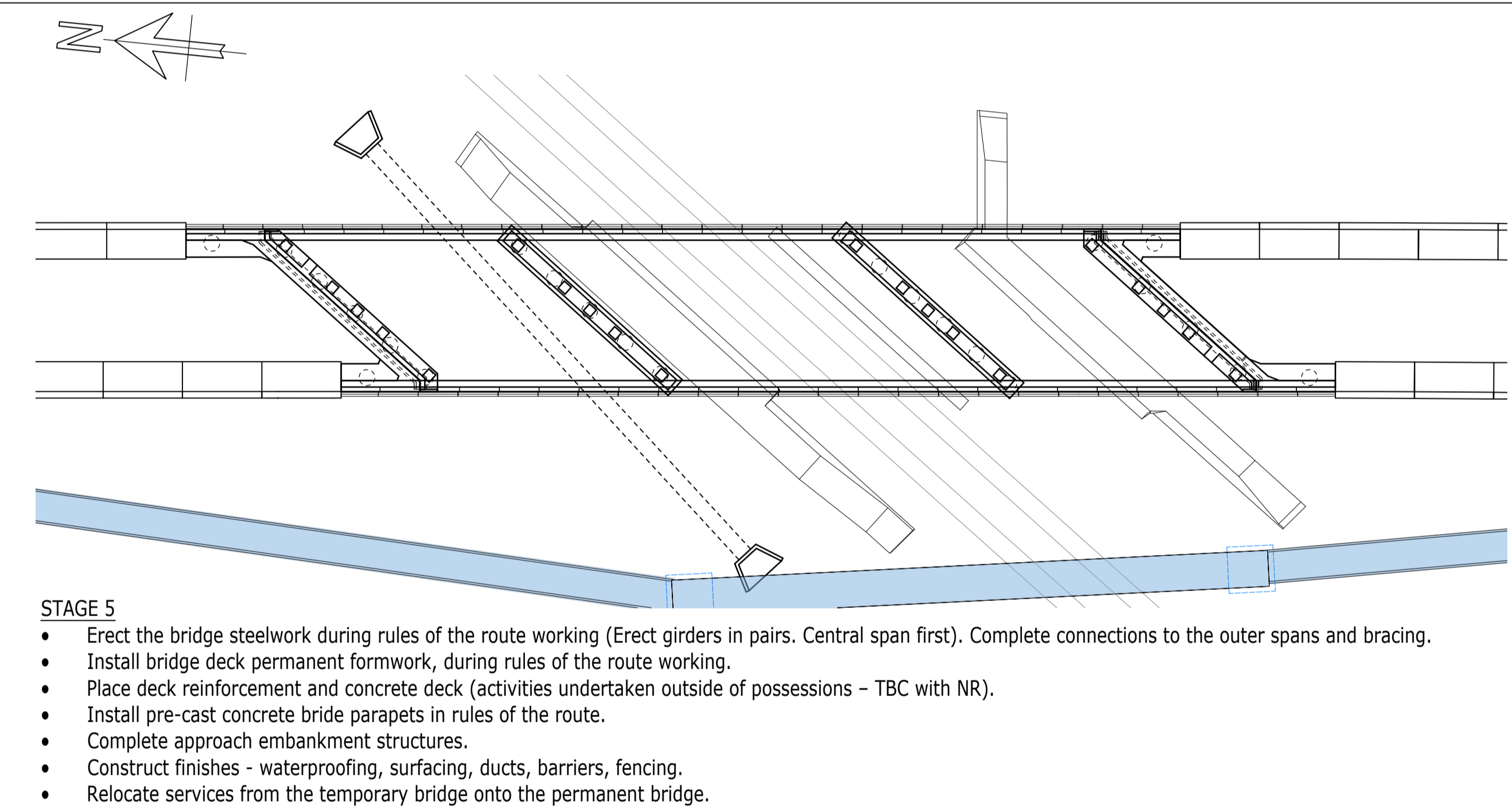
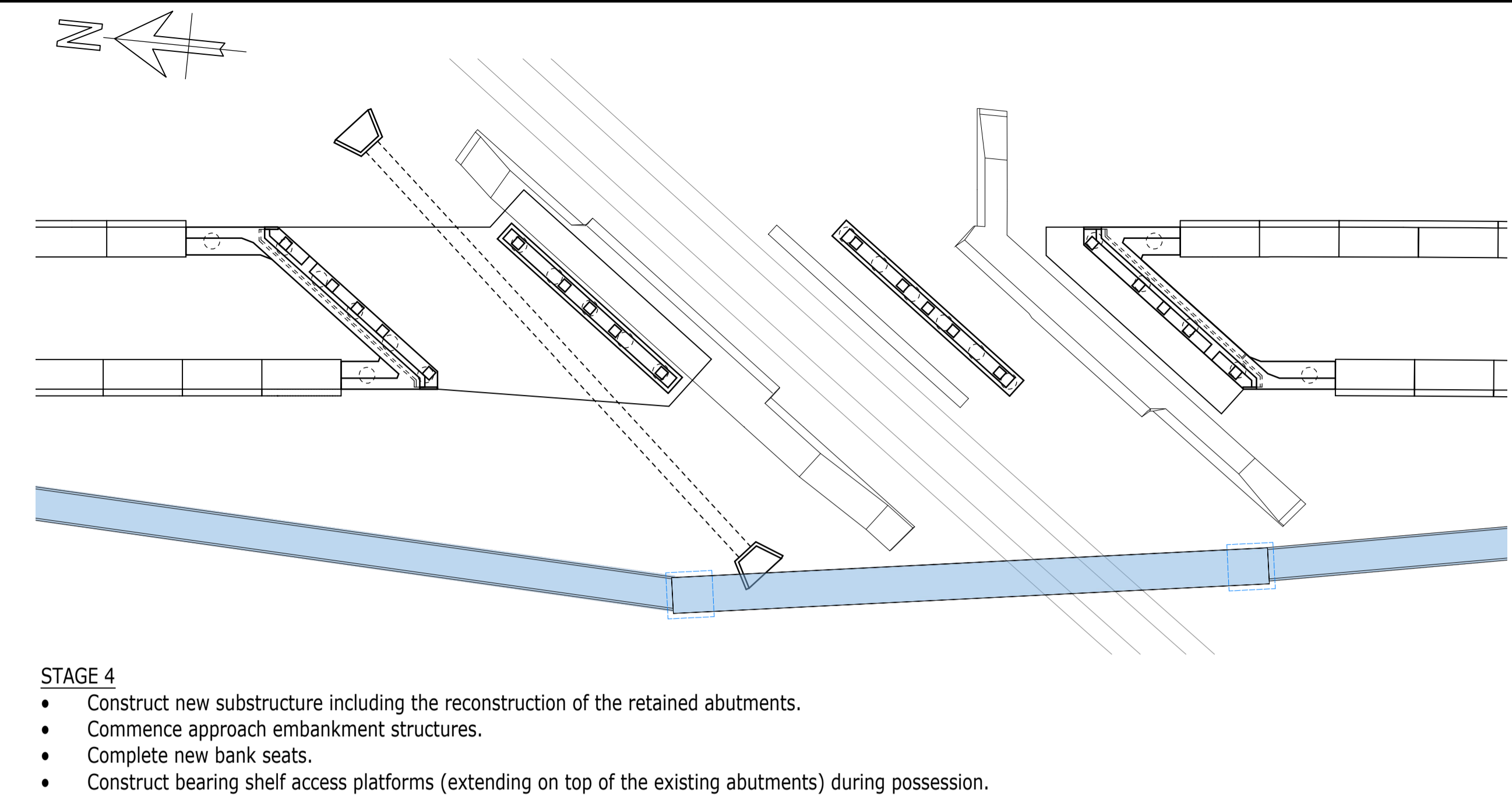
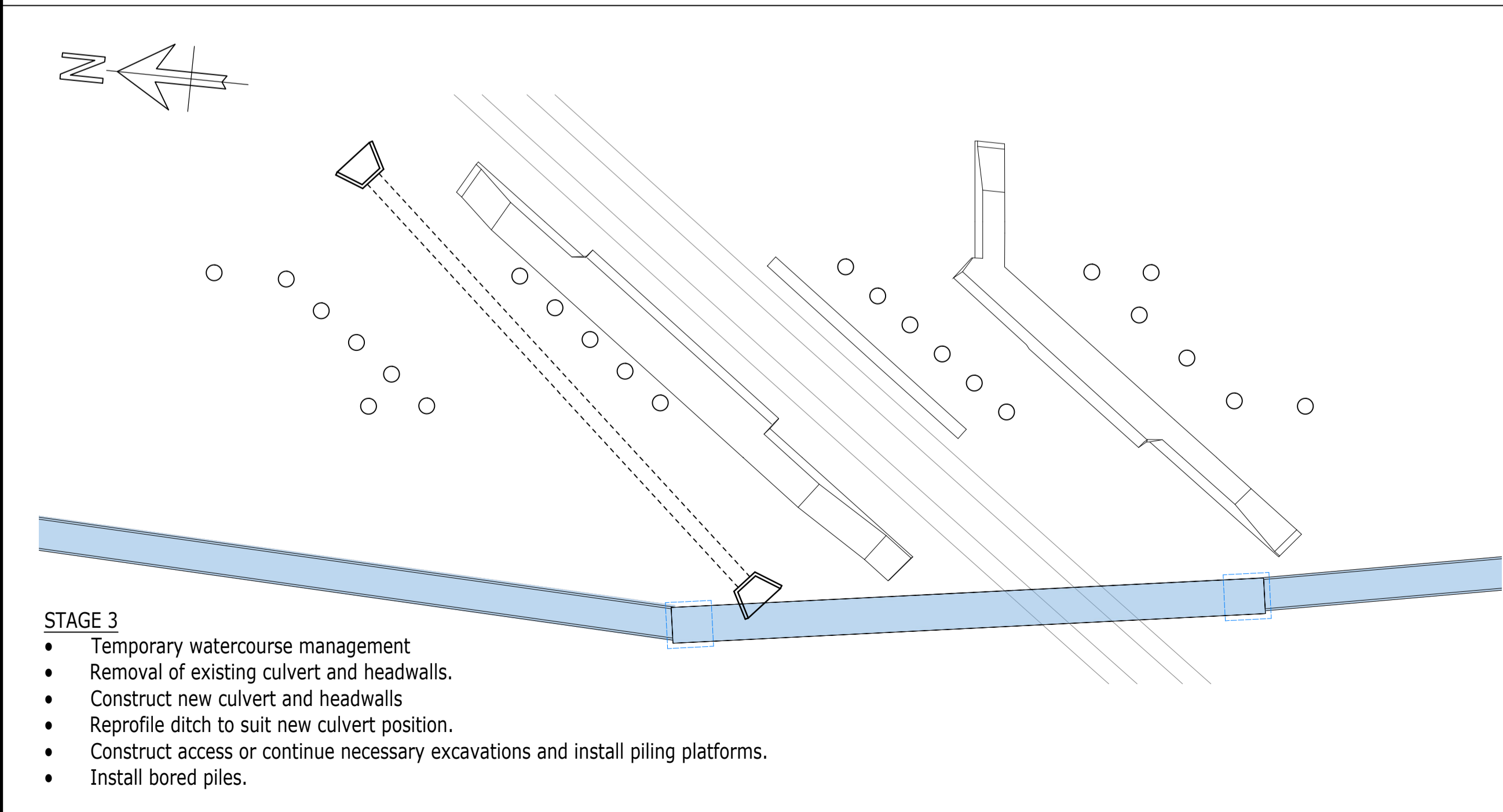
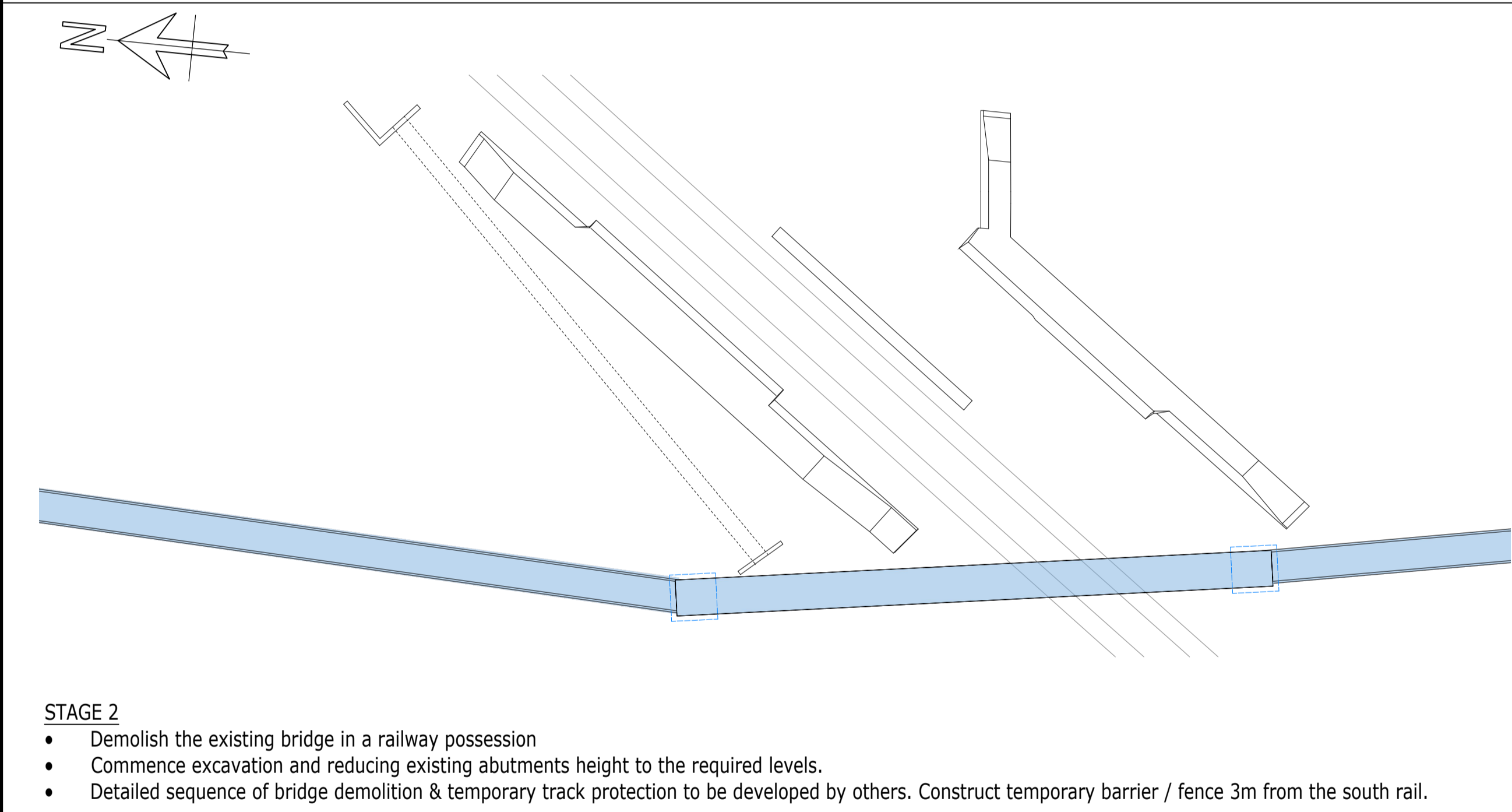
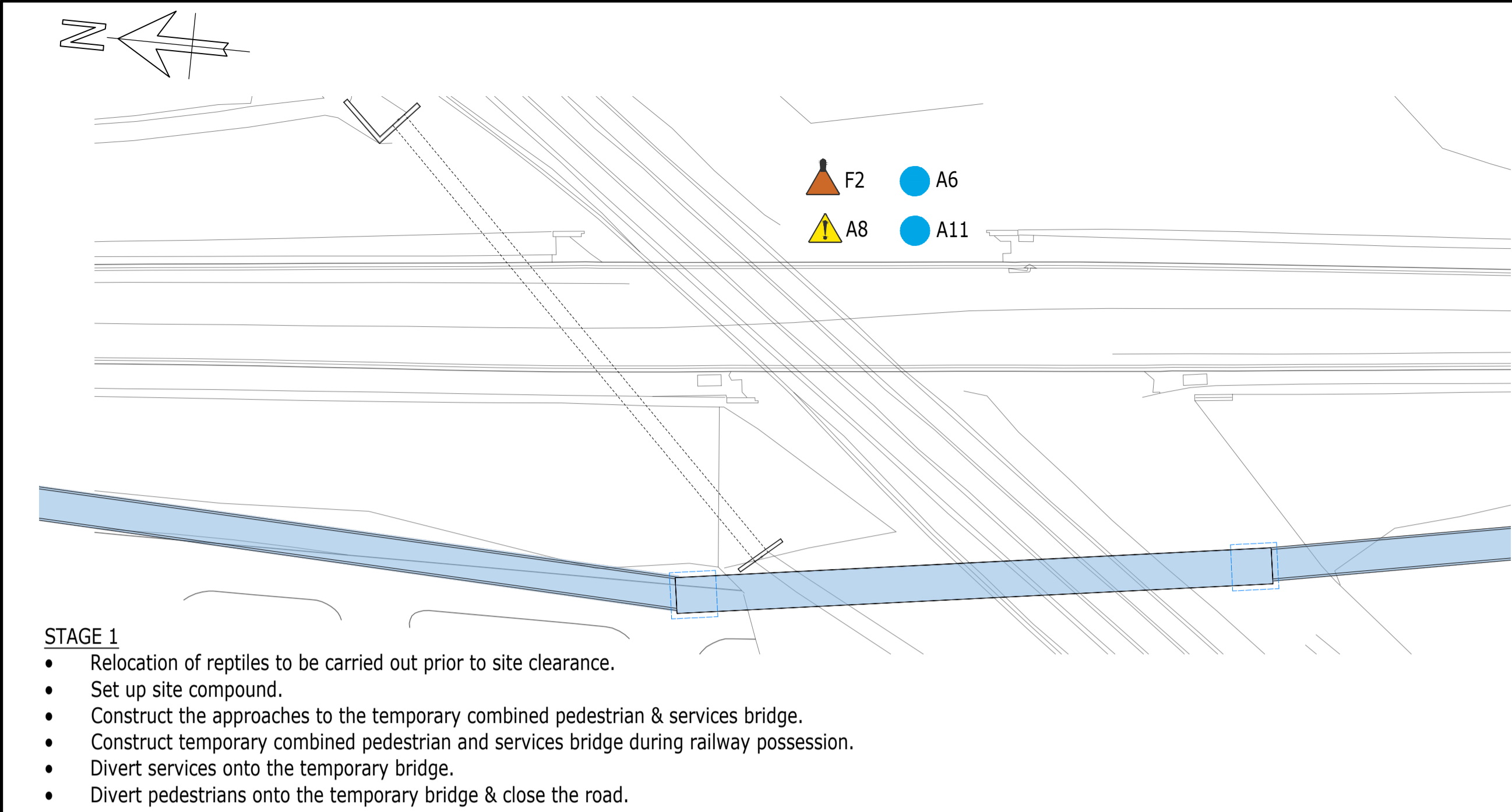
Rev: P04

VIEW AT ROAD LEVEL LOOKING SOUTH

VIEW AT TRACK LEVEL LOOKING AT NORTH ABUTMENT

VIEW AT TRACK LEVEL LOOKING WEST

03/09/2025 09:31:17



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- Notes
1. This drawing shall only be used for the design element in the drawing title.
  2. Contractor to determine temporary works requirements / a safe method of working in accordance with Network Rail.
  3. All work carried out during normal hours unless identified as a railway rules of the route working or a railway possession.

**HEALTH AND SAFETY SYMBOLS LEGEND**

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION
- ❗ CONVEYS INFORMATION ABOUT A RESIDUAL RISK
- ⊘ INDICATES A RESIDUAL RISK REQUIRING A SPECIFIC ACTION TO BE AVOIDED
- ⚠ WARNS OF A RESIDUAL RISK OR INFORMATION THAT IS UNUSUAL AND CANNOT BE DESIGNED OUT
- 🔥 INDICATES AN ENVIRONMENTAL HAZARD

**SITE RELATED & CONSTRUCTION RISKS**

A6- Existing buried services are located on the site and will change in position as the construction progresses. Buried Services are to be identified by the contractor on site together with a permit to dig system.

A8-The existing vertical road profile does not comply with current design standards (there is a blind summit on the road restricting visibility). Prior to Winterstoke Road being closed there is a risk road vehicles do not have a safe stopping distance to hazards in the road.

A11- An asbestos survey of the existing bridge has not yet been undertaken. A survey should be carried out prior to demolition.

**OPERATIONAL & MAINTENANCE RISKS**

None identified.

**DEMOLITION & ENVIRONMENTAL RISKS**

F2- Ecology Assessment identifies reptiles on site. Reptiles to be re-located prior to site clearance.

The table above is provided to assist the Principal Contractor to fulfil their obligations under the Construction Design & Management Regulations, 2015. It does not include residual risks that a competent Contractor will be aware of nor does it absolve the Principal Contractor of his legal responsibilities. For further hazard and risk information, refer to designer's risk assessment EV20-RAM-EN-XX-RR-EV-0001.

**SAFETY HEALTH AND ENVIRONMENTAL INFORMATION BOX**

P05	Redrawn	02/09 2025	CB DY	PB
P04	For Approval. Update for VE design	01/12 2023	JT SC	PB
P03	For Approval	28/04 2022	MJC IB	PB
P02	For Approval	17/01 2022	CB IB	PB
P01	For Approval	09/11 2021	CB AC	PB
Rev	Description	Date	By Chk	App

Status:  
S4 - Suitable for Stage Approval

**WINTERSTOKE  
BRIDGE REPLACEMENT**

**RAMBOLL** **octavius**  
**North Somerset COUNCIL** **AECOM**

**WINTERSTOKE ROAD  
PROPOSED OVERBRIDGE  
CONSTRUCTION SEQUENCE**

Project No: 1620009758	Scale (@A1): N.T.S.	Drawn: CB	Date: Nov. '21
Drawing No: EV20-RAM-ZZ-XX-DR-CB-00010			Rev: P05