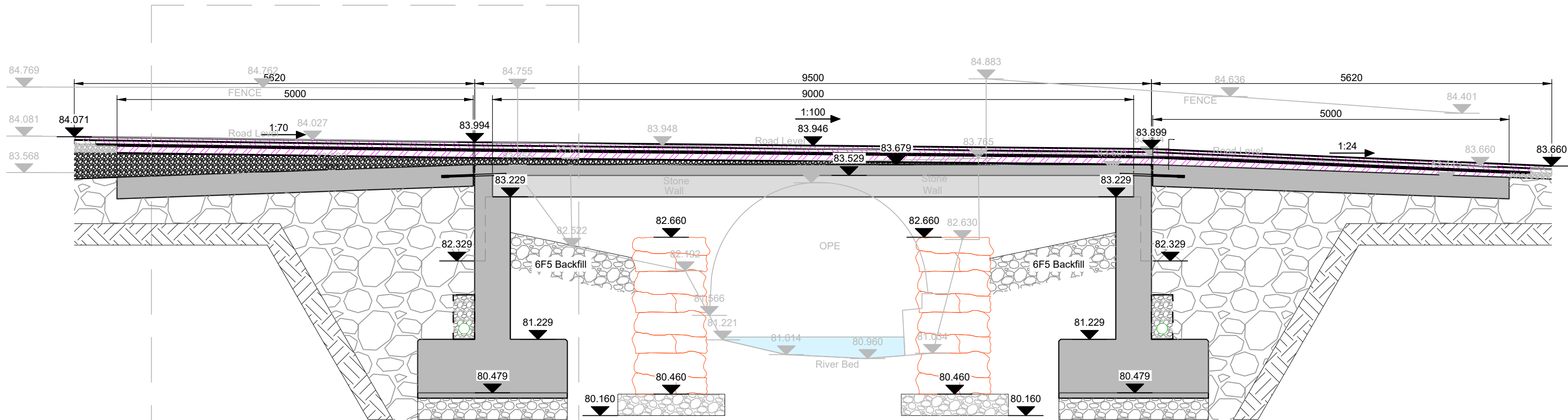
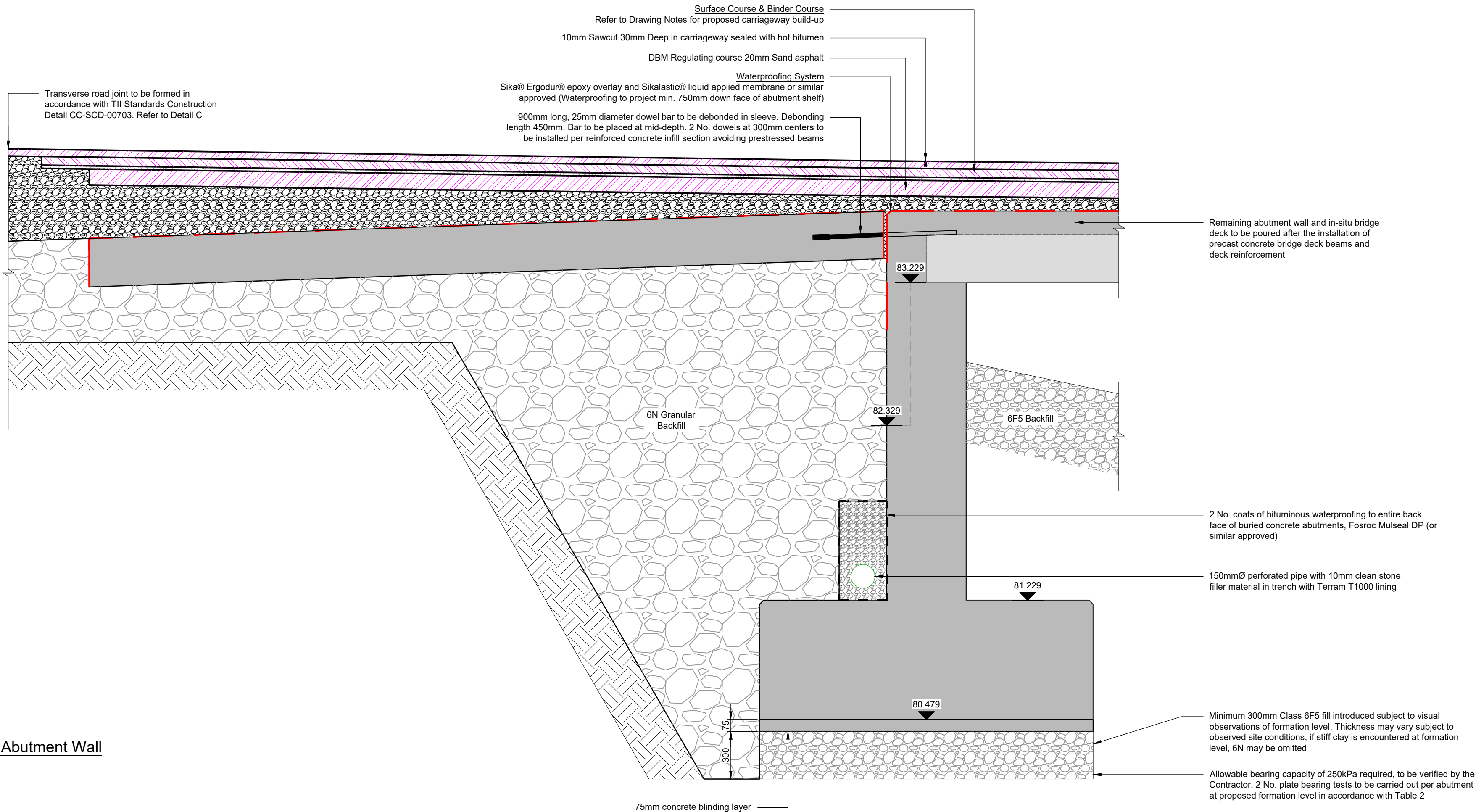
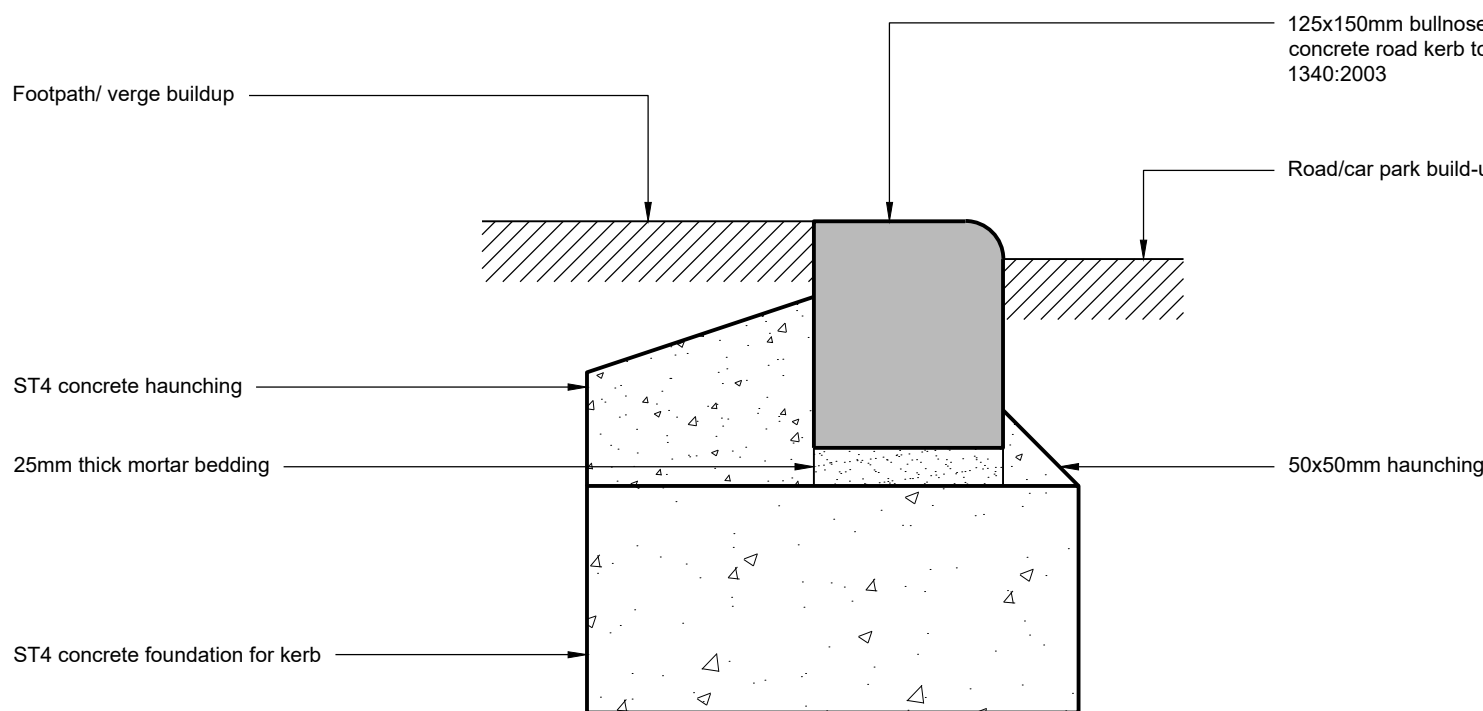




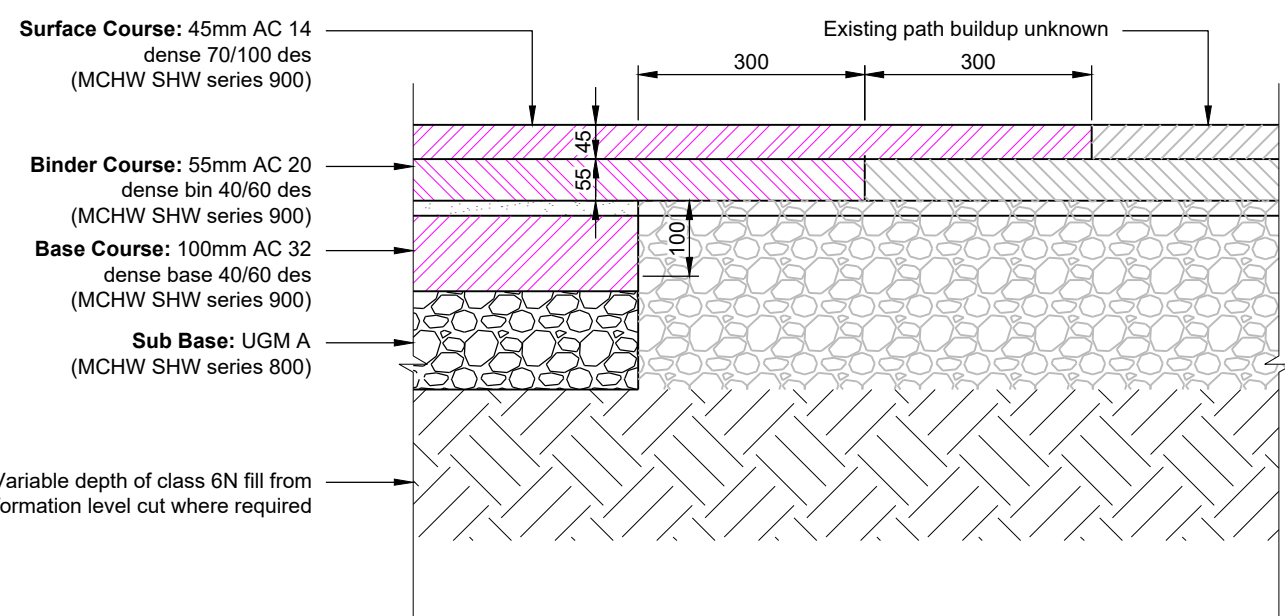
Section 1
Scale: 1:50



Detail A - Abutment Wall
Scale: 1:20



Detail B - Typical Bullnose Kerb
Scale: 1:5



Detail C - Road Reinstatement
Scale: 1:10

Testing

Table 2 - Plate Bearing Test Specification				
SLS Bearing Pressure (kN/m²)	Factor of Safety	Test Pressure (kN/m²)	Test Plate Ø (mm)	Minimum Kentledge (T)
250	2	500	450	9

Each test to be a Plate Bearing Test, to EC7 and BS 1377 Part 0, to demonstrate that the proposed locations can provide the minimum Bearing Capacity required with suitable settlement characteristics.

A minimum 450mm plate diameter is required to simulate the area of imposed ground bearing and to prevent damage to the existing surface, such as rutting/deformation. Design ID are to be informed should this occur.

General Notes

- Do not scale from this drawing, use figured dimensions only. All dimensions in millimeters, unless noted otherwise.
- Access to and temporary working areas within privately owned lands required for the permanent works shall be agreed between the Contractor, the Local Authority, the Employer's Representative and the Landowner prior to works being carried out.
- All coordinates are in meters and are to Irish Transverse Mercator.
- The Contractor should ensure all dimensions and levels are correct according to the survey "7825 Sheknan Bridge Works Survey_ 200 ITM15_ 3D" received by Design ID from Apex Surveys on 07/11/2025; all discrepancies should be reported before works commence.
- All levels are in meters and are to Malin Head Datum.
- Water Levels shown are indicative only and are likely to vary.

Specific Notes & Specification

- This drawing should be read in conjunction with all other Engineer drawings and all other relevant drawings and specifications. For Specification, refer to DID Document Reference 25319-DID-03-A-SP-C-7001.
- For Existing Services information refer to DID Preliminary Safety and Health Plan Document Reference 25319-DID-ZZ-XX-HS-C-8003.

Legend

River	Existing Level (Elevation)
Proposed Precast Concrete	6N Fill
Proposed In-Situ Concrete	6F5 Fill
Proposed Reinstated Carriageway	Proposed Level (Elevation)
Proposed River Training Walls	

Design & Construction Risks

- The proposed bridge deck geometry has been proposed on the basis on the dimensions taken from Topographical Survey information supplied by Apex Surveys to Design ID via email on 06/03/2026.
- All temporary works to facilitate the proposed works are the responsibility of the PSCS. This would include but is not limited to craneage plant access, water management, working platforms, etc.
- Temporary road works and associated road closures and diversions away from the bridge should be designed, planned and implemented by the Contractor, and approved by Leitrim County Council prior to works commencing.

Health and Safety Risks

- The appointed Contractor is responsible for carrying out any necessary surveys prior to the commencement of works to identify the nature and location of any existing services.
- The proposed precast bridge deck will require craneage to facilitate its erection. A Risk Assessment and Method Statement shall be developed by the appointed Contractor.

Proposed Carriageway Details

Course	Clause	Material	Thickness	Requirements
Surface Course	906	AC14 Dens 70/100 des	45mm	BS: EN: 13108-1:2016 Table 2 Aggregate Type: Crushed Rock Nominal Size = 0/14mm Specification for grade of binder to BS EN 12591:2009 Specification for transport, laying, compaction and type testing protocols to BS 594987:2015 Weather conditions in accordance with the Specification for Road Works.
Binder Course	906	AC20 Dens 40/60 des	55mm	AC 20mm dense asphalt concrete inder course to BS EN:13108-1:2016 Table 2 Aggregate Type: Crushed Rock Nominal Size = 0/20mm Specification for transport, laying, compaction and type testing protocols to BS 594987:2015 Specification for grade of binder to BS EN 12591:2009 Weather conditions in accordance with the Specification for Road Works. Conformity shall be established in accordance with BS EN 13108-20 and BS EN 13108-21 and proof of conformity must be provided
Base Course	805	AC32 Dens 40/60 des	100mm	AC 32mm dense asphalt concrete inder course to BS EN:13108-1:2016 Specification for transport, laying, compaction and type testing protocols to BS 594987:2015 Specification for grade of binder to BS EN 12591:2009 Weather conditions in accordance with the Specification for Road Works. Conformity shall be established in accordance with BS EN 13108-20 and BS EN 13108-21 and proof of conformity must be provided
Subbase	-	UGM A	350mm	TII Series 800 SPRW
Capping	-	Selected Granular Material	250mm	TII Series 600 SPRW, Table 6/2

Please Note: The provision of a capping Layer will be Subject to site inspection by the engineer, having excavated and identified the existing road build-up.

Rev	Date	Drawn By	Appr. By	Description
P02	15/09/2026	CC	RC	Second Issue
P01	01/09/2026	CC	RC	First Issue

© Copyright Design ID - No part of this document may be reproduced or transmitted in any form without the written permission of Design ID. This document should not be relied on or used in circumstances other than those for which it was originally prepared and for which Design ID was commissioned. Design ID accepts no responsibility for this document to any other party other than the person by whom it was commissioned.

Design ID		Structural & Civil Engineers	
Think Design Engineer		mail@designid.co.uk www.designid.co.uk	
Project	Shesknan Bridge Rehabilitation Works	Design ID Project No.	Scale(s) @ A1
		25319	As Shown
Drawing Title	Bridge Deck Replacement Sections and Details	Suitability & Description	
		S3 - Review and Comment	
Project	Originator	Functional Breakdown	Spatial Breakdown
25319	- DID	- 03	- XX
		Form	Discipline
		DR	C
		Number	Revision
		1002	P02