



West Winch Housing Access Road

Rectory Lane Overbridge Outline General Arrangements (GAs)

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1 Introduction

1.1 Overview

- 1.1.1 This set of drawings present the layout of the proposed bridge structure intervention at Rectory Lane required as part new West Winch Housing Access Road (WWHAR) scheme.
- 1.1.2 Each of these drawings show the proposals on a single sheet over Ordnance Survey mapping which shows the layout and key dimensions of the structures in relation to the proposed WWHAR and existing road network.
- 1.1.3 These drawings show only the proposed structures, but do not show the proposed housing development, landscaping or any other associated features within the wider WWHAR scheme.
- 1.1.4 The drawings included in this pack are as follows.

1.2 Rectory Lane Overbridge Option 1

- 1.2.1 Figure 1 shows Option 1 concept for the proposed overbridge structure to facilitate the crossing of the existing Rectory Lane Road over the WWHAR.
- 1.2.2 The figure shows a plan and elevation of the structure with a typical cross-section through the bridge.
- 1.2.3 The main feature for this option is the substructure (abutments) solution which comprises discrete bridge deck support columns of reinforced concrete positioned in front of a reinforced earth retaining wall abutment to the back and sides of the bridge.

1.3 Rectory Lane Overbridge Option 2

- 1.3.1 Figure 2 shows Option 2 concept for the proposed overbridge structure to enable the crossing of the existing Rectory Lane Road over the WWHAR.
- 1.3.2 The figure shows a plan and elevation of the structure with a typical cross-section through the bridge.



1.3.3 The main feature for this option is a reinforced concrete abutment supporting the bridge deck with reinforced earth retaining walls to the sides.

2 Drawings

2.1.1 The drawings described above are provided on the following pages.

Figure 1 – Rectory Lane Overbridge Option 1 (Flexible Concrete End Support Columns)

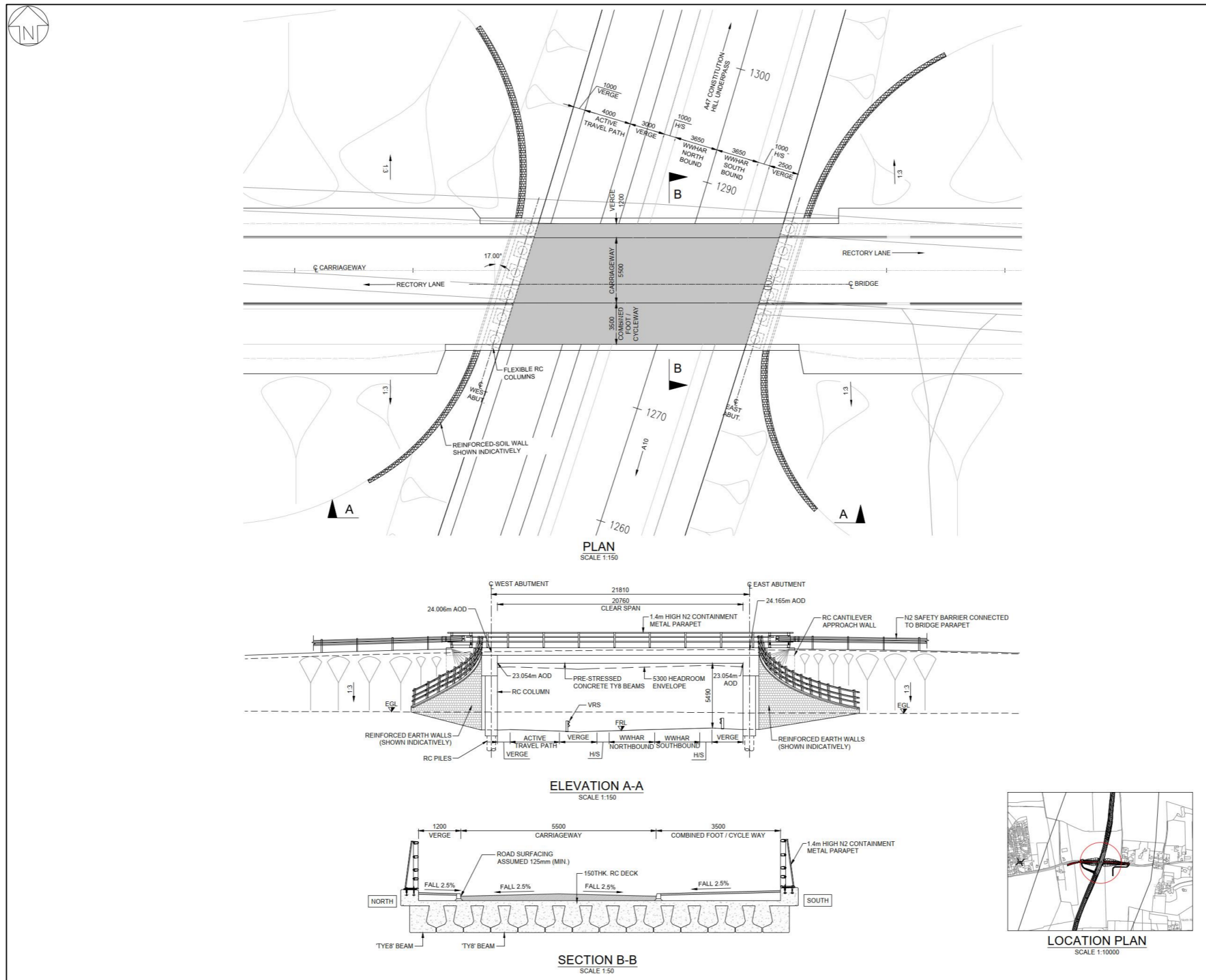


Figure 2 – Rectory Lane Overbridge Option 2 (Solid Concrete End Support)

