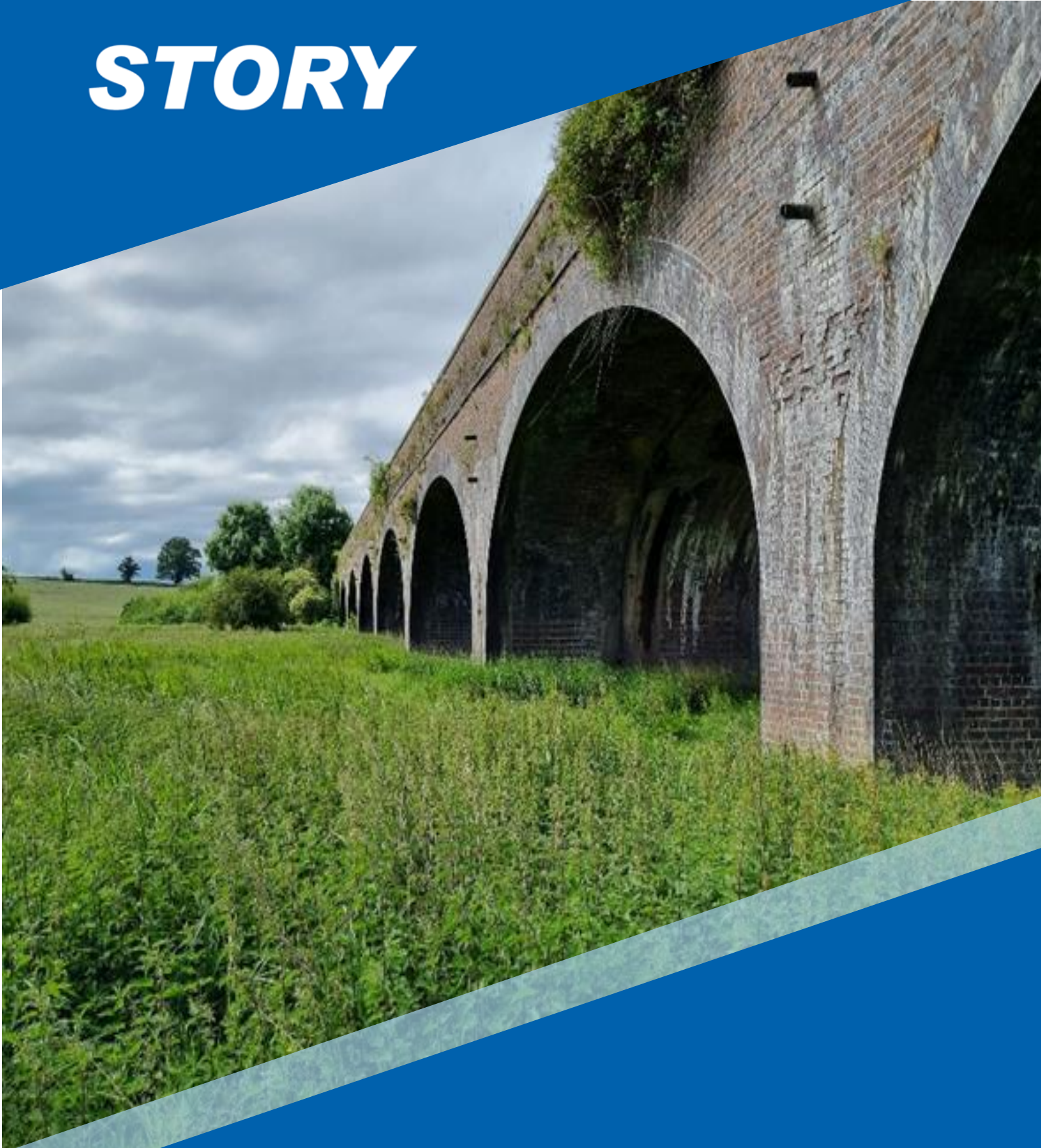


STORY



LSC2/4 River Avon Viaduct Access Strategy Plan

Prepared By: Douglas Corbett Date: 13/07/22

Reviewed By: Douglas Corbett Date: 13/07/22

Contents

1.	Project Overview	3
2.	Site Access	4
3.	Welfare Arrangement	5
	Main Compound.....	5
	Satellite Compound.....	5
4.	Possession and Rail Access	6
5.	Methodology	7
6.	Outline Construction Programme	7
7.	Temporary Works	7
8.	Key Hazards	7

1. Project Overview

Programme start on site date: 02/05/2023- TBC

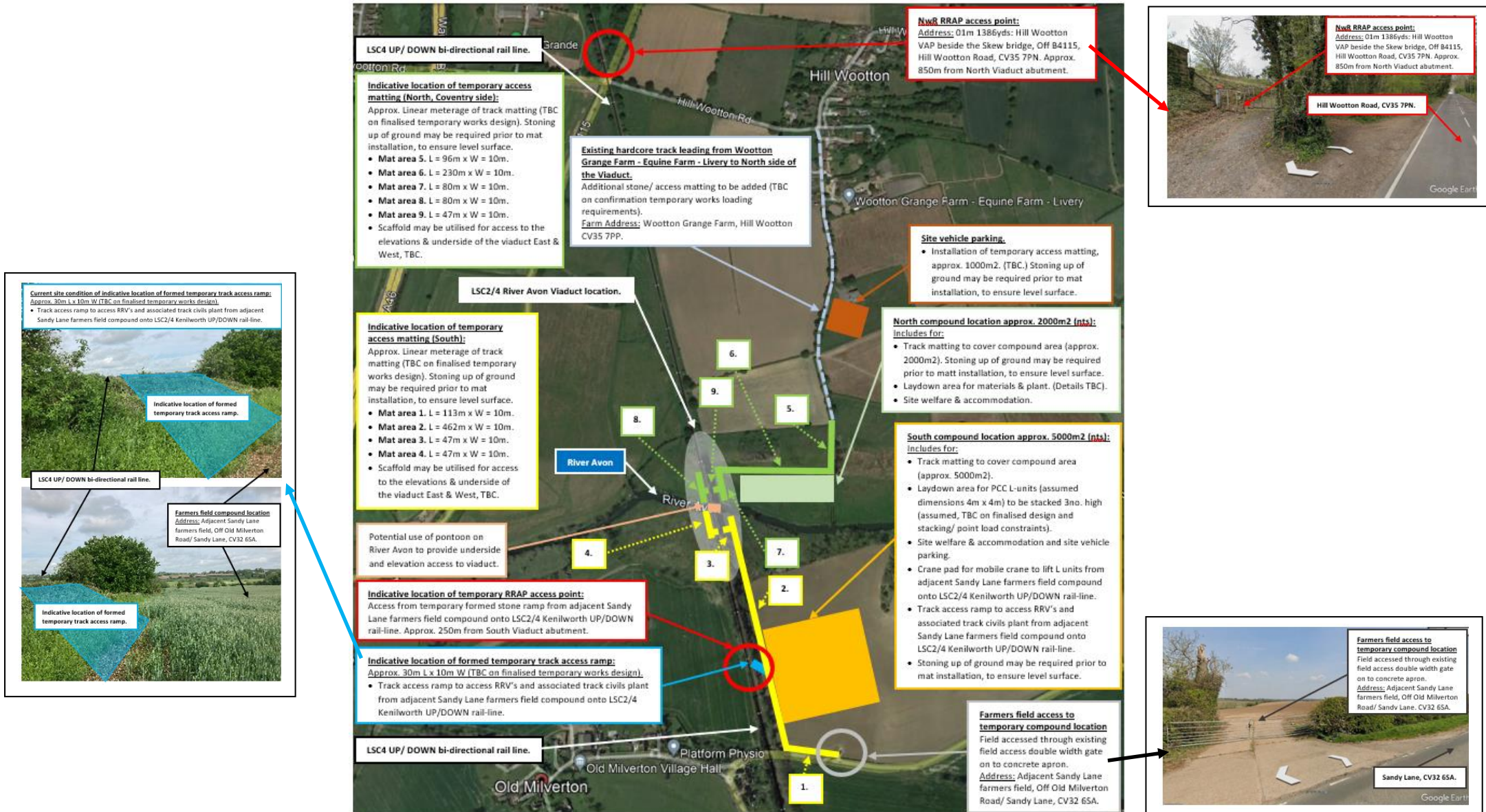
Programme finish on site date: 29/09/2023- TBC

Summary scope of works

- Refurbishment of pattress plates within spandrel walls- TBC.
- Removal of existing ballast, sleepers and rail in running span.
- Removal of existing ballast & fill in redundant span.
- Installation of ducting for tie bars in redundant and running spans.
- Installation of deck end drainage.
- Installation of new handrail parapet to running span.
- Installation of new PCC L units to running span.
- Installation of new PCC L units to redundant span.
- Installation of stitch and backing concrete to PCC L units in running and redundant span.
- Installation of waterproofing and drainage to running span & redundant span.
- Installation of ballast, sleepers & rail in running span.
- Installation of ballast in redundant span.
- Replacement of spandrel drainage down pipes.
- Masonry repairs and de-vegetation works.

2. Site Access

Overview: Site access & compound set-up requirements



3. Welfare Arrangement

Main Compound- (Southside of viaduct, off Sandy Lane access).

The following welfare is proposed for the Main Compound (TBC).

- 1 x 24ft Office
- 1 x 24ft Drying Room
- 1 x 24ft Canteen
- 1 x 5+1 Toilet
- 1 x 16ft Stores
- 1 x 40kVa Generator
- 1 x 1000L Fuel Tank
- 1 X 2000l Water Bowser

Satellite Compound- (Northside of viaduct, off Hill Wootton Road access).

The following welfare is proposed for the Satellite Compound (TBC).

- 1 x 24ft Canteen
- 1 x 5+1 Toilet
- 1 x 16ft Stores
- 1 x 40kVa Generator

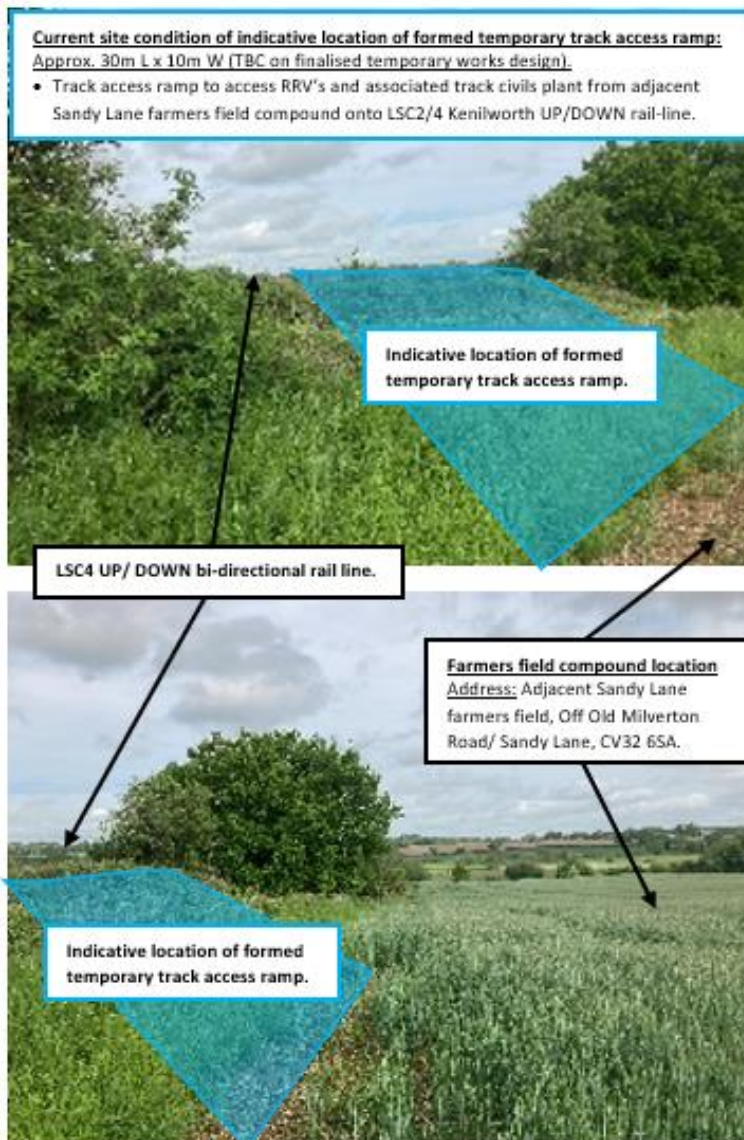
4. Possession and Rail Access

Materials & plant will be brought to worksite via Sandy Lane compound temporary RRAP access & Hill Wootton Road RRAP access.

Hill Wootton Road RRAP access:



Site compound off Sandy Lane temporary RRAP access:



5. Methodology

The methodology for the works is as follows: TBC.

6. Outline Construction Programme

The outline programme is as follows:

- | | |
|--|------------------|
| • Start on site (mobilisation): | Week 05-TBC |
| • Install access: | Week TBC |
| • Compound(s) works: | Week TBC |
| • Slew NwR trackside cables: | Week TBC |
| • Install scaffolding/ access: | Week TBC |
| • Undertake masonry repairs, install downpipes: | Week TBC |
| • 29hr pre-possession (proposed) for rail side CW rail & sleeper drop: | Week 14&15- TBC |
| • Viaduct PCC L unit delivery/ track access ramp build works: | Week TBC |
| • 200hr 29min core possession: | Weeks 18/19 OROR |
| • Follow up works: | Week TBC |
| • Speed off tamp (proposed): | Week 20 |
| • Quality tamp (proposed): | Week 25 |
| • Finish on site (demobilisation): | Week 26-TBC |

7. Temporary Works

Currently expected temporary works designs:

- Site compound formation
- Scaffolding system
- Temporary RRAP
- Scaffold footings
- Temporary ramp onto track
- Pontoon
- Crane pad

8. Key Hazards

These key hazards will be documented and managed with the Construction Phase Plan and associated Work Package Plan. The following are key hazards to be considered in relation to Site Access Strategy:

- Track infrastructure (NwR trackside cables)
- Working on flood plain
- Working at height
- Working near watercourse