

Scheme Boundary
 Adjacent Map Sheet



P01	12/02/21	FIRST ISSUE	RB	PB	PB
Rev	Date	Description of Revisions	Drwn	Chkd	Appr
Status	SHARED				Suitability



Project
TRANSPENNINE ROUTE UPGRADE
 Contract No.
151667
 Scheme Title
THE NETWORK RAIL (HUDDERSFIELD TO WESTTOWN (DEWSBURY) IMPROVEMENTS) ORDER

Drawing Title
**Figure 2-1
 Scheme Drawings**

Designed	R.Bowes	Signed Electronically	Date	12/02/2021
Drawn	R.Bowes	Signed Electronically	Date	12/02/2021
Checked	P.Butler	Signed Electronically	Date	12/02/2021
Approved	P.Butler	Signed Electronically	Date	12/02/2021

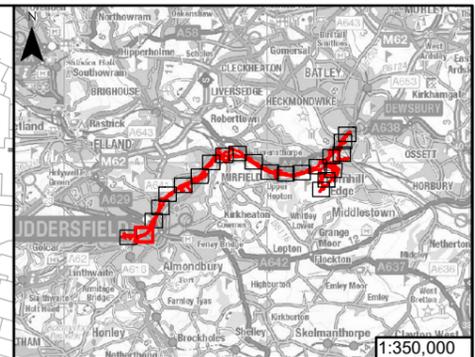
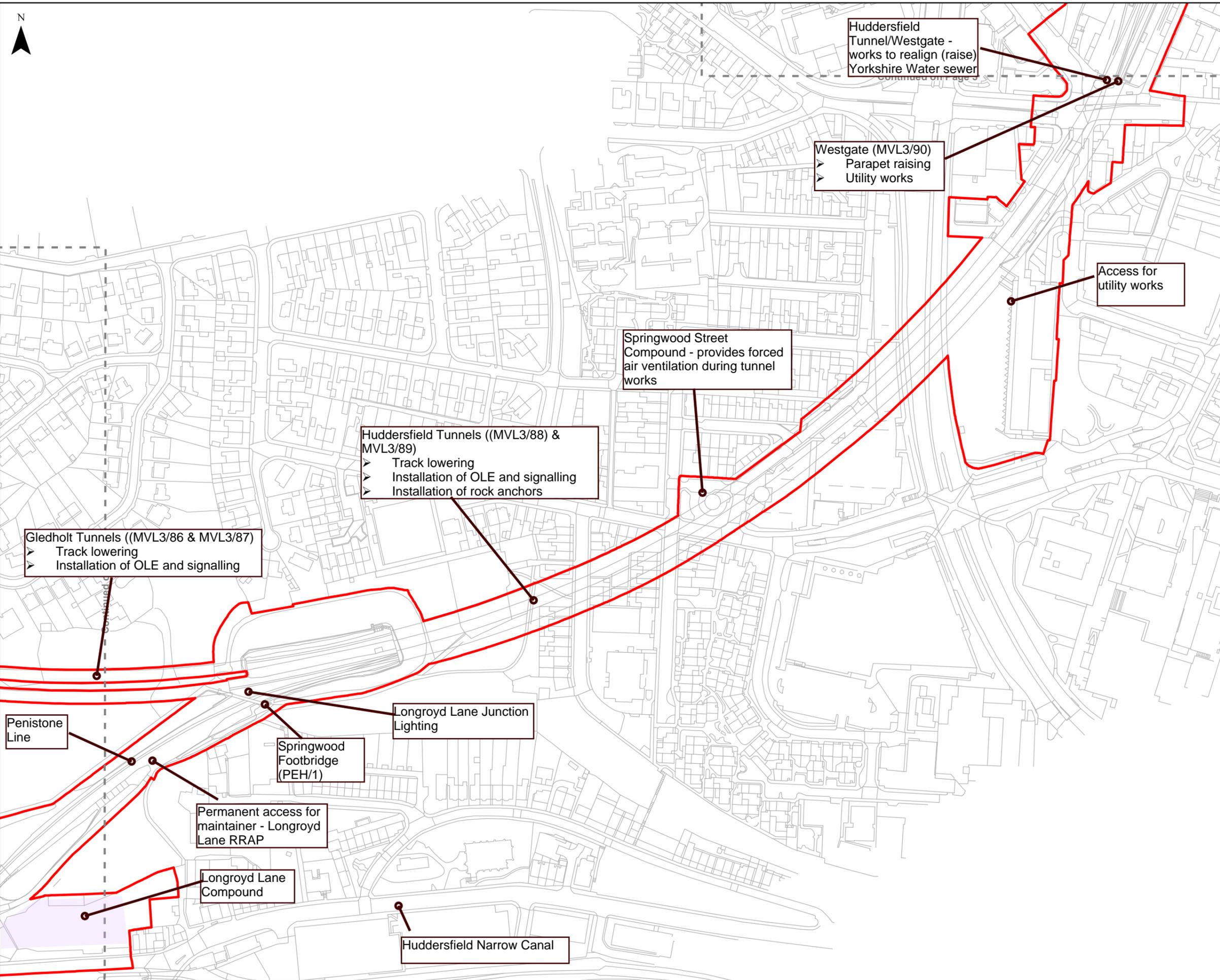
Scale(s)
 1:2,500
 ELR & Project Chainage

Alternative Reference

 Sheet
 1 of 22

Drawing Number
 151667-TSA-00-REP-W-EN-001042
 Revision
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0 10 20 40 60 80 100 Metres
 SCALE 1:2,500

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Continued on Page 4

Halfords - access to business to be maintained

Huddersfield Viaduct (MVL3/92) Bradford Road

- Existing bridge deck to be removed and replaced with prestressed concrete beams.
- New concrete abutments to be built
- Masonry arch in the centre of span 29 will be retained
- 4 tracking
- Horizontal track realignment
- Installation of OLE and signalling

Huddersfield Viaduct – Span 4 – Fitzwilliam Street Underbridge

- Substructure repairs including removal and reinstatement of the pier to the south-western corner of the structure
- Strengthening to cross girders
- Removal of parapet and replacement with replica in cast iron

Huddersfield Viaduct Span 1 (MVL3/929 (1)) - John William Street

- existing bridge deck will be removed and replaced with a new single span bridge deck.
- widening of the John William Street Bridge deck

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- existing bridge deck will be removed and replaced with a new single span bridge deck.
- widening of the John William Street Bridge deck

DNO - Fitzwilliam Street

Fitzwilliam Street Construction Compound

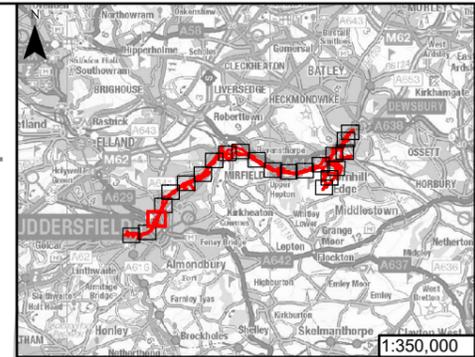
Huddersfield Station car park - construction compound

Brian Jackson House

Huddersfield Station

- main train shed - structural works, two bays at Manchester end of canopy to be demolished, two new bays at Leeds end of platform 1;
- reinstatement of main train shed lantern;
- smaller train shed to be demolished, new roof to be constructed;
- free standing canopies over island platforms
- extension to canopy to service Penistone line;
- tea rooms to be deconstructed and relocated;
- additional access / egress is required, a covered footbridge (with lift and stairs) to be constructed
- extension to existing subway to service new island platform
- Structure is Grade I Listed

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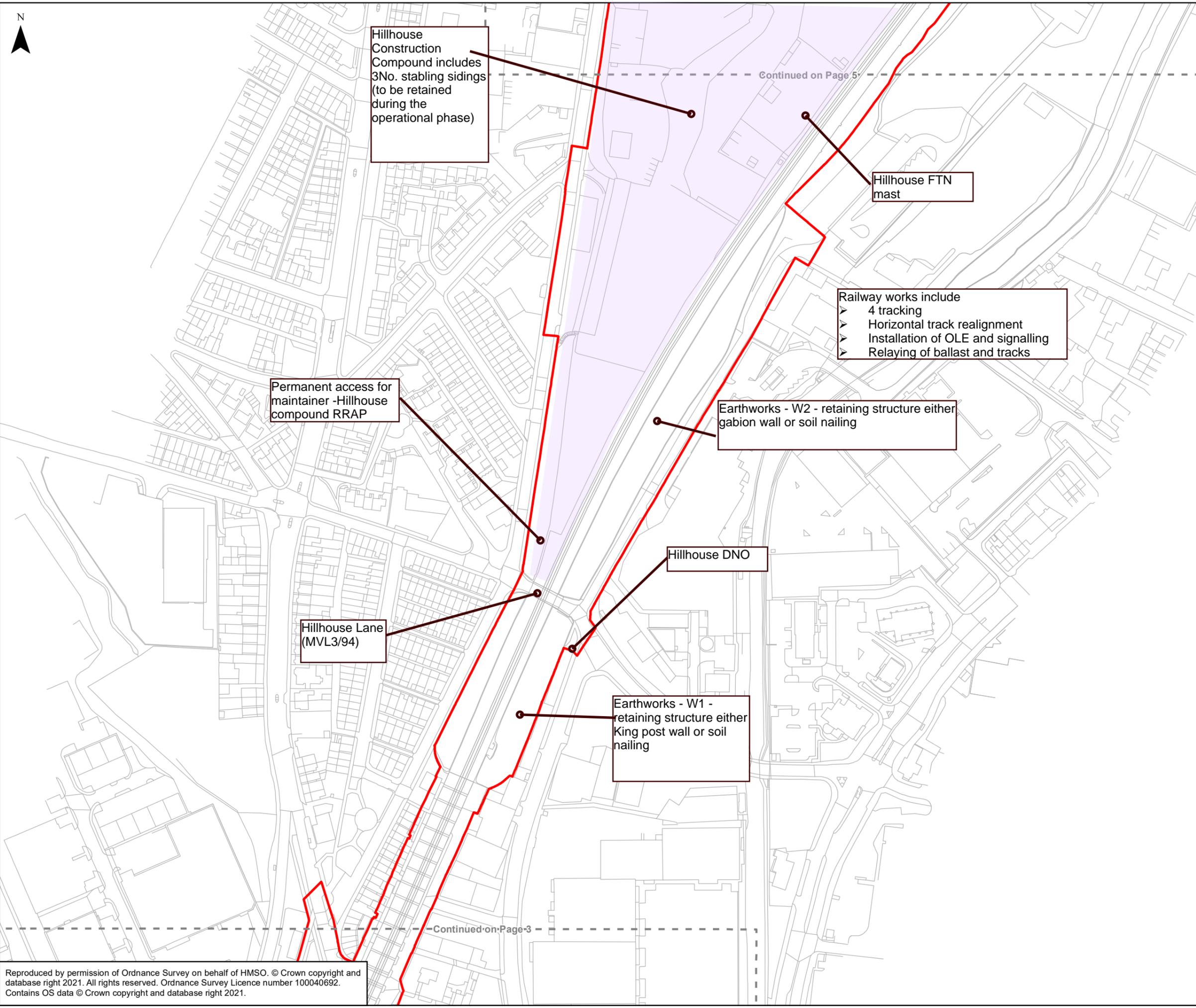
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Hillhouse Construction Compound includes 3No. stabling sidings (to be retained during the operational phase)

Hillhouse FTN mast

Railway works include
 > 4 tracking
 > Horizontal track realignment
 > Installation of OLE and signalling
 > Relaying of ballast and tracks

Permanent access for maintainer -Hillhouse compound RRAP

Earthworks - W2 - retaining structure either gabion wall or soil nailing

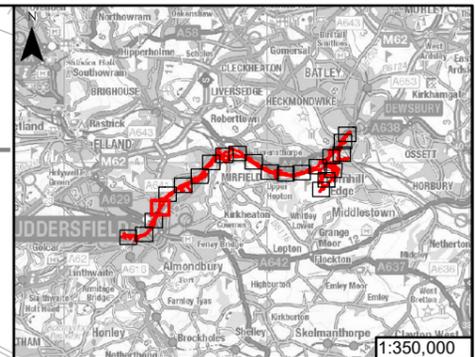
Hillhouse DNO

Hillhouse Lane (MVL3/94)

Earthworks - W1 - retaining structure either King post wall or soil nailing

Continued on Page 5

Continued on Page 3



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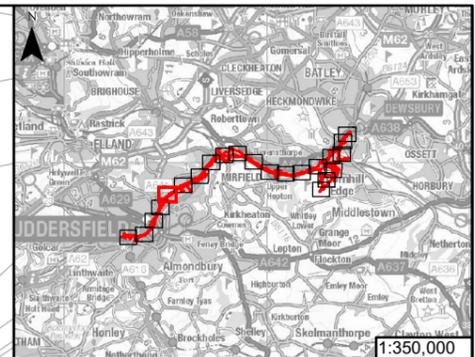
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Red Doles Road Underbridge (MVL3/96)

- new bridge decks will be installed to span Red Doles Road to accommodate these new tracks.
- proposal is for a painted steel u-deck (to match existing structure).
- bridge will be constructed using the historic abutments.

Red Doles Road MVL3/96A
- works to extend existing culvert (10m)

Permanent access for maintainer - Red Doles Road RRAP

Earthworks - E1 embankment widening

Red Doles Road DNO

Huddersfield Broad Canal

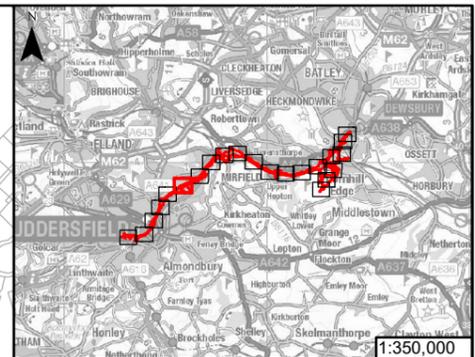
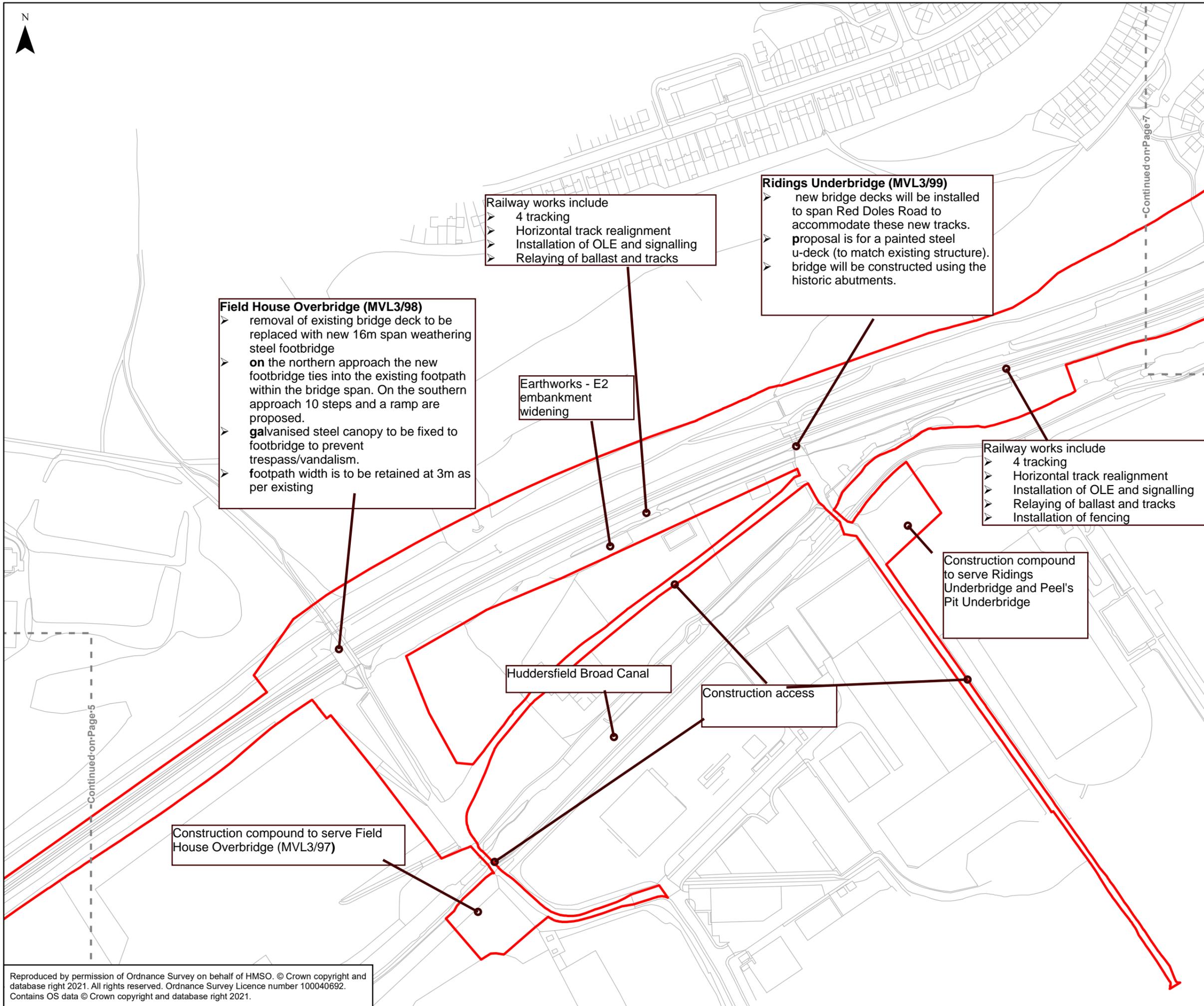
Hillhouse Construction Compound

Hammond Street Retaining Wall

Railway works include

- 4 tracking
- Horizontal track realignment
- Installation of OLE and signalling
- Relaying of ballast and tracks
- Installation of fencing

Temporary Platform



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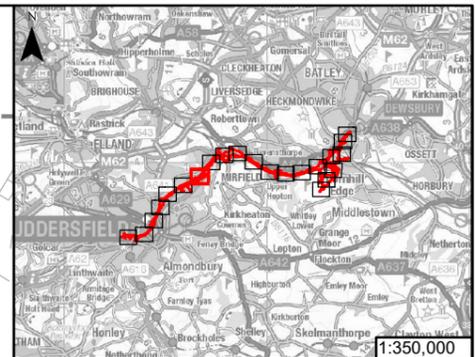
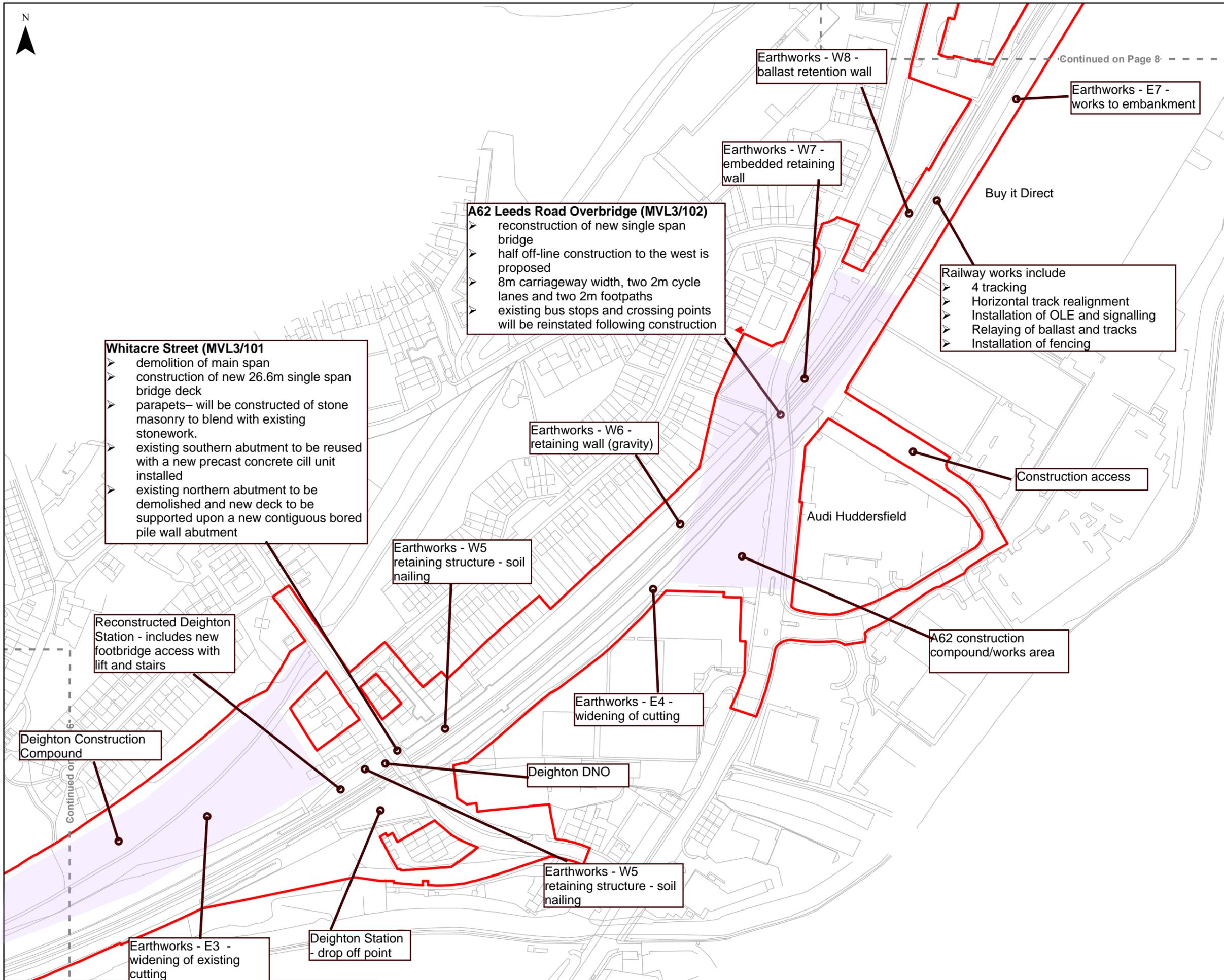
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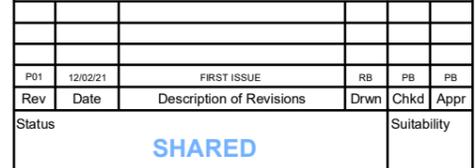
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1:350,000

0 10 20 40 60 80 100 Metres

SCALE 1:2,500

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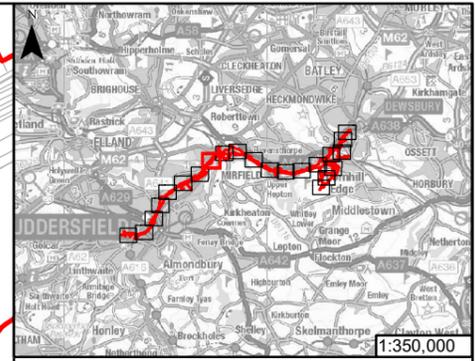
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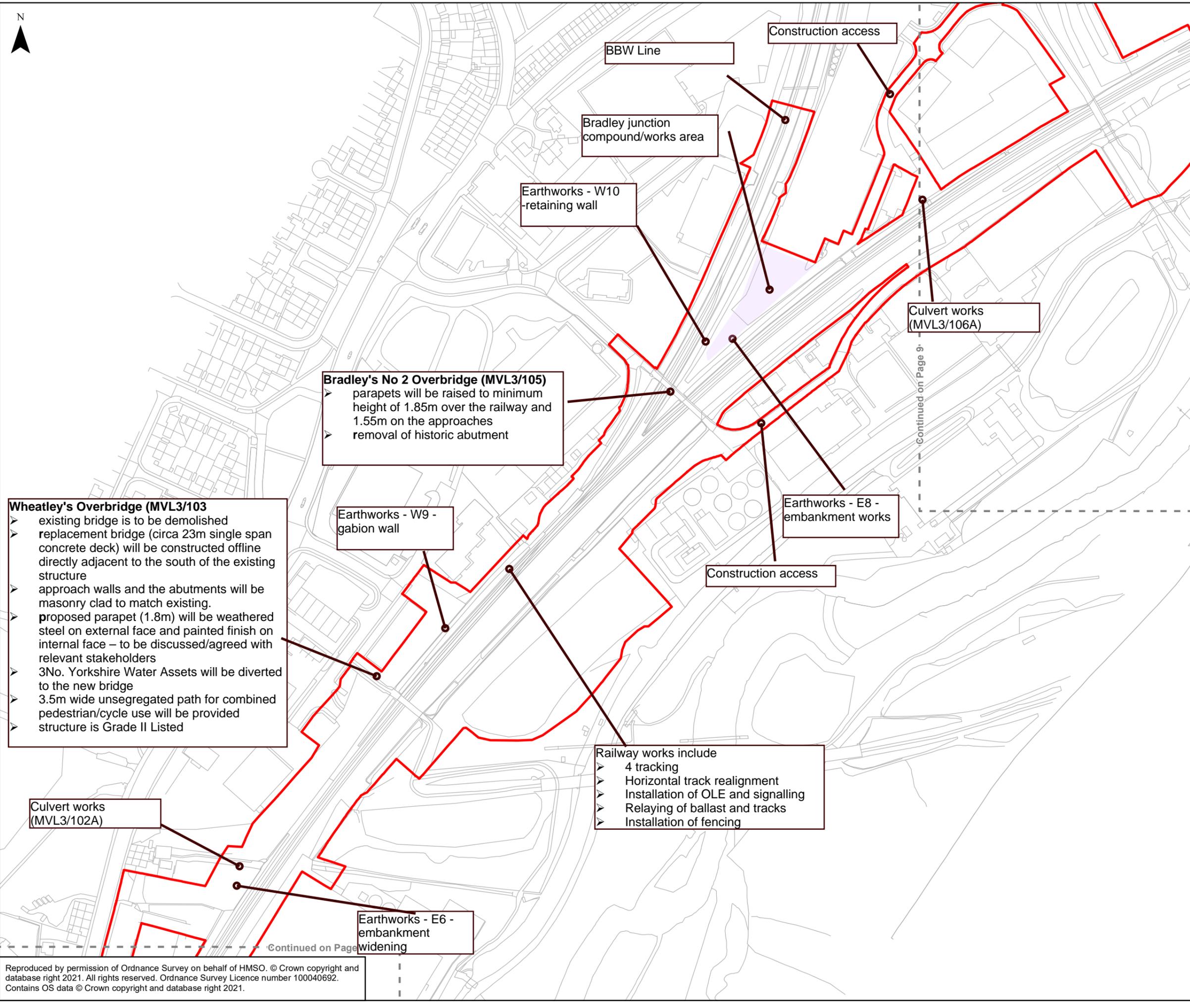
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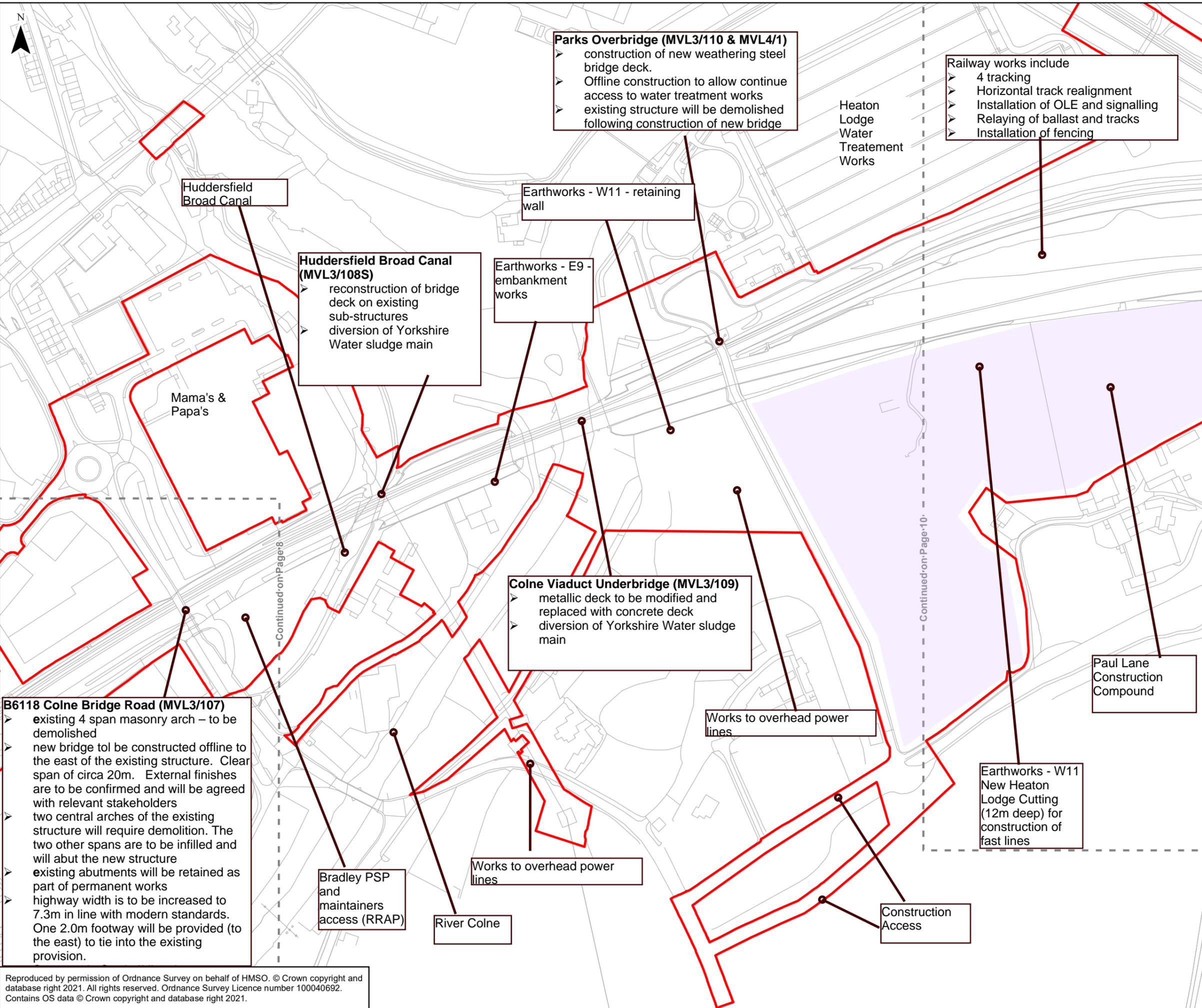
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Bradley's No 2 Overbridge (MVL3/105)
 ➤ parapets will be raised to minimum height of 1.85m over the railway and 1.55m on the approaches
 ➤ removal of historic abutment

Wheatley's Overbridge (MVL3/103)
 ➤ existing bridge is to be demolished
 ➤ replacement bridge (circa 23m single span concrete deck) will be constructed offline directly adjacent to the south of the existing structure
 ➤ approach walls and the abutments will be masonry clad to match existing.
 ➤ proposed parapet (1.8m) will be weathered steel on external face and painted finish on internal face – to be discussed/agreed with relevant stakeholders
 ➤ 3No. Yorkshire Water Assets will be diverted to the new bridge
 ➤ 3.5m wide unsegregated path for combined pedestrian/cycle use will be provided
 ➤ structure is Grade II Listed

Railway works include
 ➤ 4 tracking
 ➤ Horizontal track realignment
 ➤ Installation of OLE and signalling
 ➤ Relaying of ballast and tracks
 ➤ Installation of fencing



Parks Overbridge (MVL3/110 & MVL4/1)

- construction of new weathering steel bridge deck.
- Offline construction to allow continue access to water treatment works
- existing structure will be demolished following construction of new bridge

Railway works include

- 4 tracking
- Horizontal track realignment
- Installation of OLE and signalling
- Relaying of ballast and tracks
- Installation of fencing

Huddersfield Broad Canal (MVL3/108S)

- reconstruction of bridge deck on existing sub-structures
- diversion of Yorkshire Water sludge main

Earthworks - E9 - embankment works

Colne Viaduct Underbridge (MVL3/109)

- metallic deck to be modified and replaced with concrete deck
- diversion of Yorkshire Water sludge main

B6118 Colne Bridge Road (MVL3/107)

- existing 4 span masonry arch – to be demolished
- new bridge to be constructed offline to the east of the existing structure. Clear span of circa 20m. External finishes are to be confirmed and will be agreed with relevant stakeholders
- two central arches of the existing structure will require demolition. The two other spans are to be infilled and will abut the new structure
- existing abutments will be retained as part of permanent works
- highway width is to be increased to 7.3m in line with modern standards. One 2.0m footway will be provided (to the east) to tie into the existing provision.

Bradley PSP and maintainers access (RRAP)

River Colne

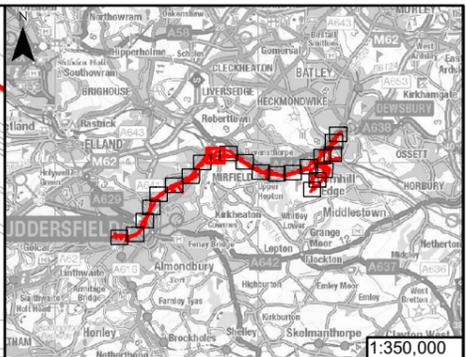
Works to overhead power lines

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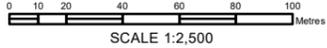
Earthworks - W11 New Heaton Lodge Cutting (12m deep) for construction of fast lines

Construction Access

Paul Lane Construction Compound



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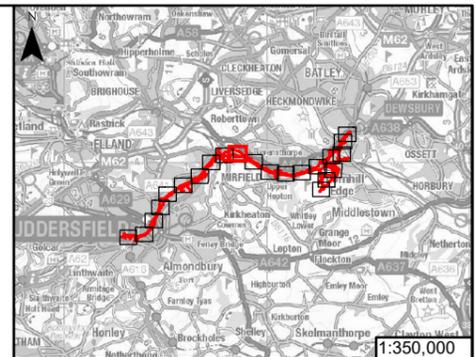
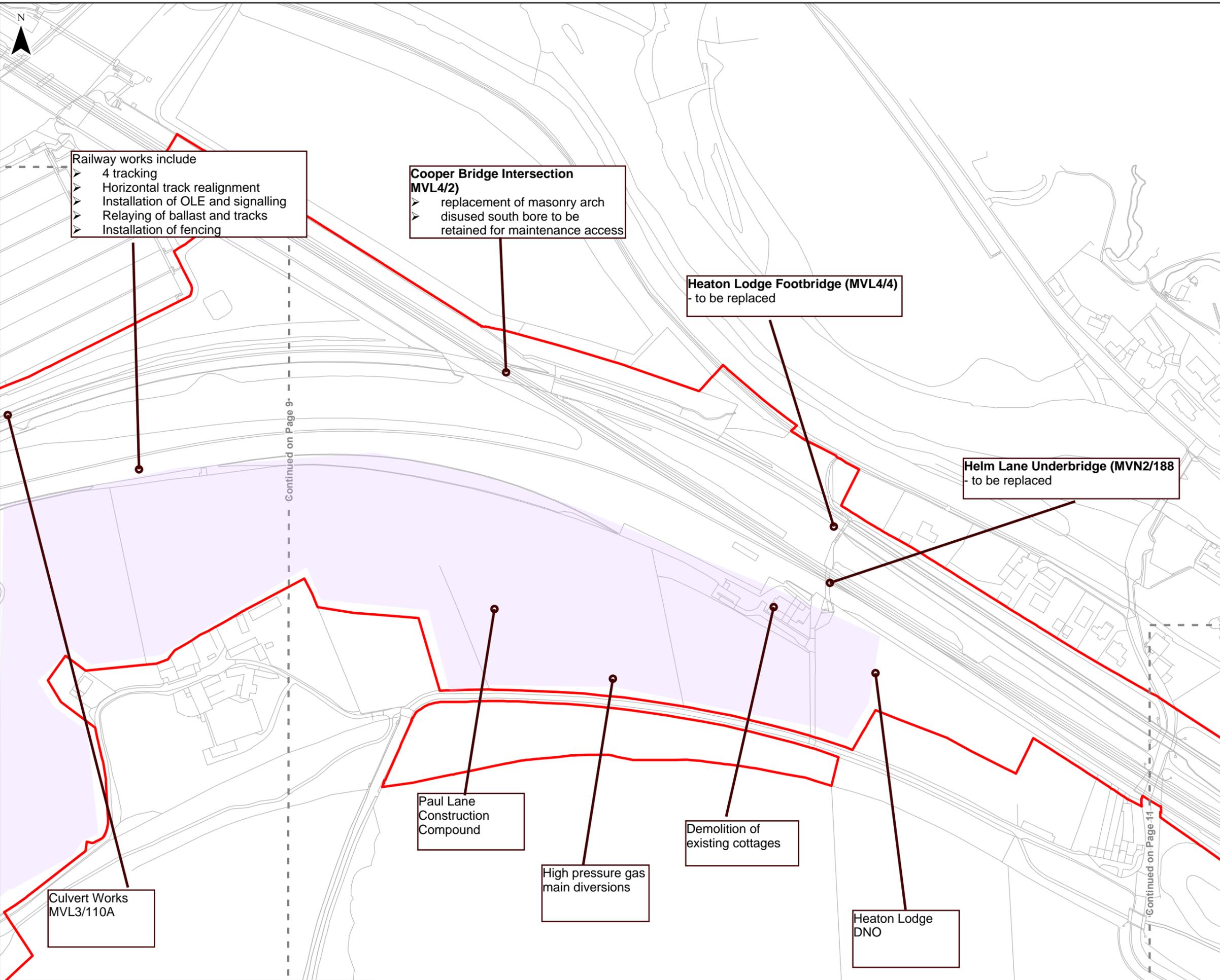
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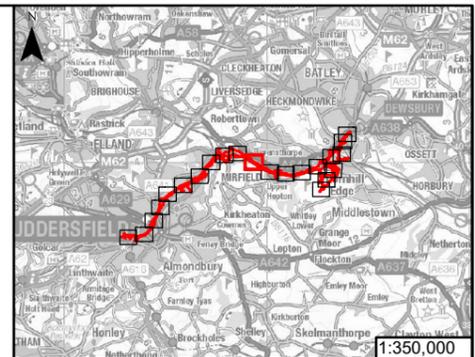
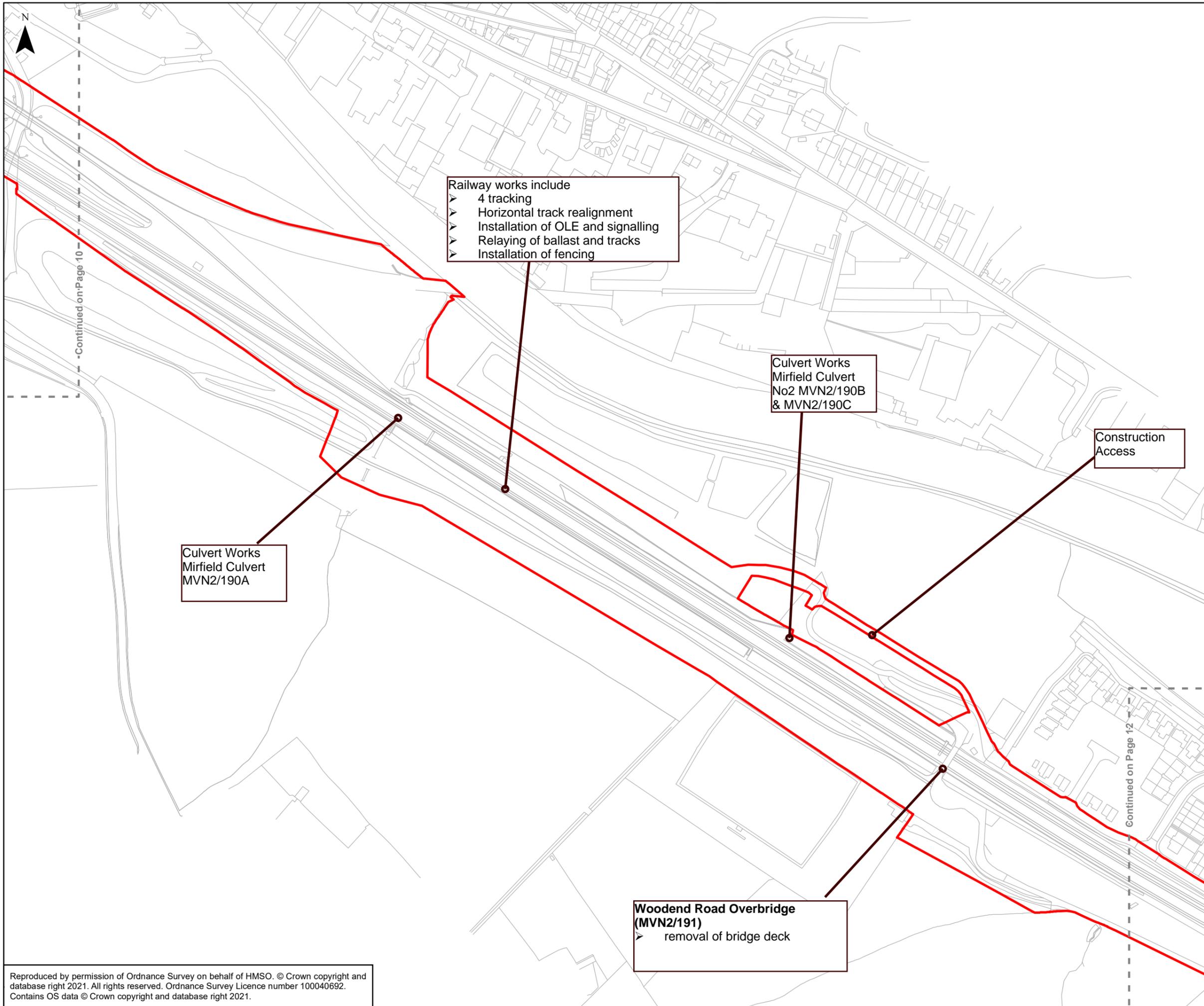


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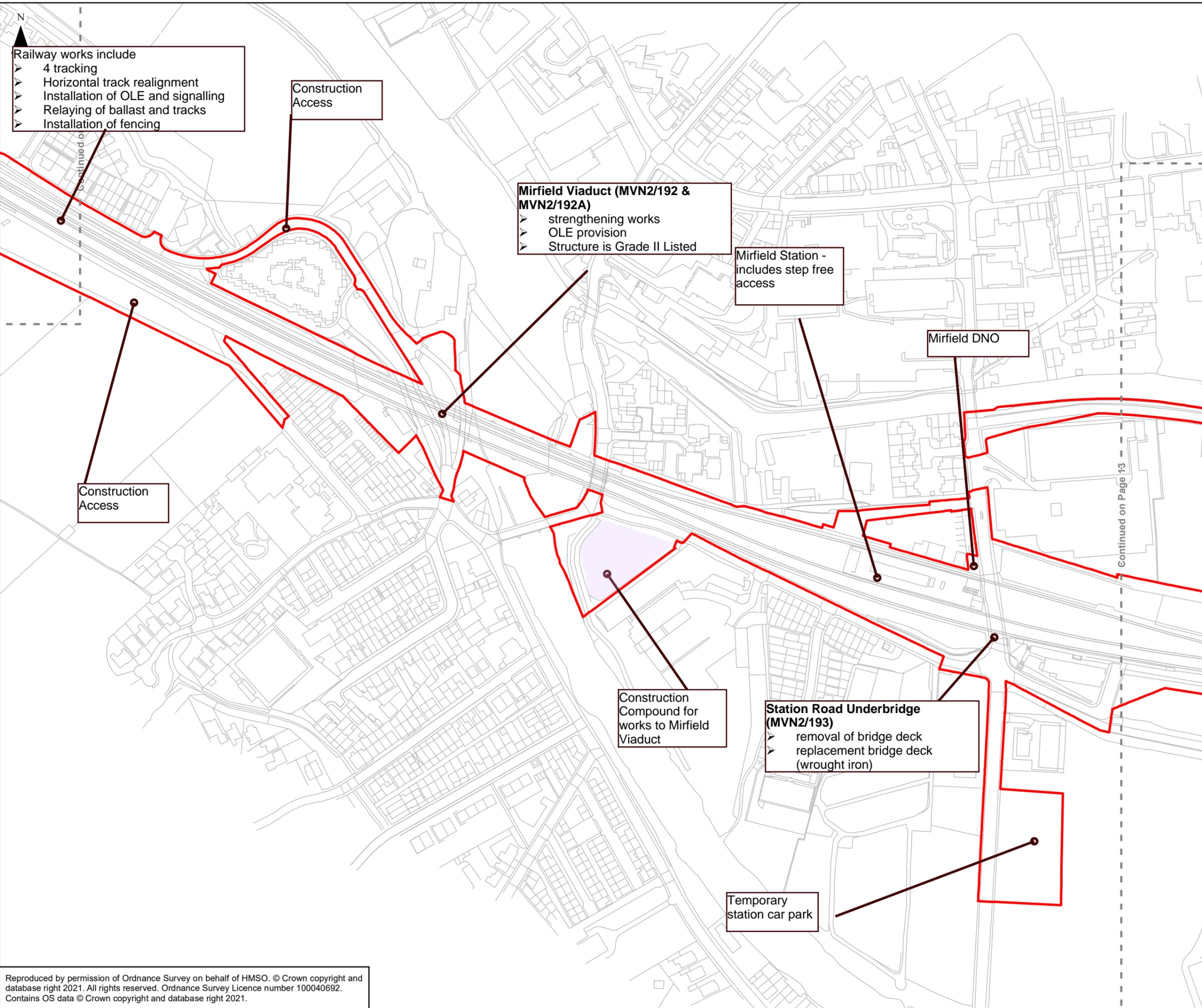
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Railway works include

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- ▶ Relaying of ballast and tracks
- ▶ Installation of fencing

Construction Access

Mirfield Viaduct (MVN2/192 & MVN2/192A)

- ▶ strengthening works
- ▶ OLE provision
- ▶ Structure is Grade II Listed

Mirfield Station - includes step free access

Mirfield DNO

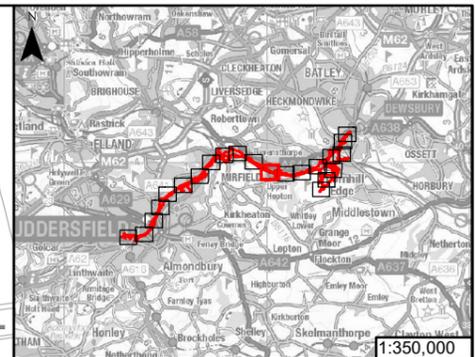
Construction Access

Construction Compound for works to Mirfield Viaduct

Station Road Underbridge (MVN2/193)

- ▶ removal of bridge deck
- ▶ replacement bridge deck (wrought iron)

Temporary station car park



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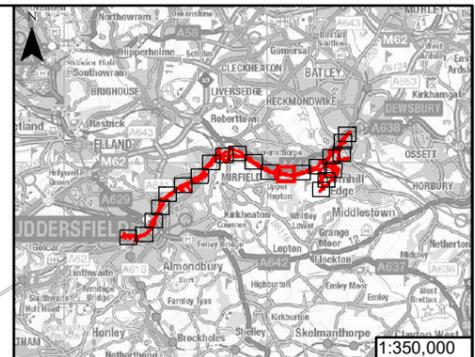
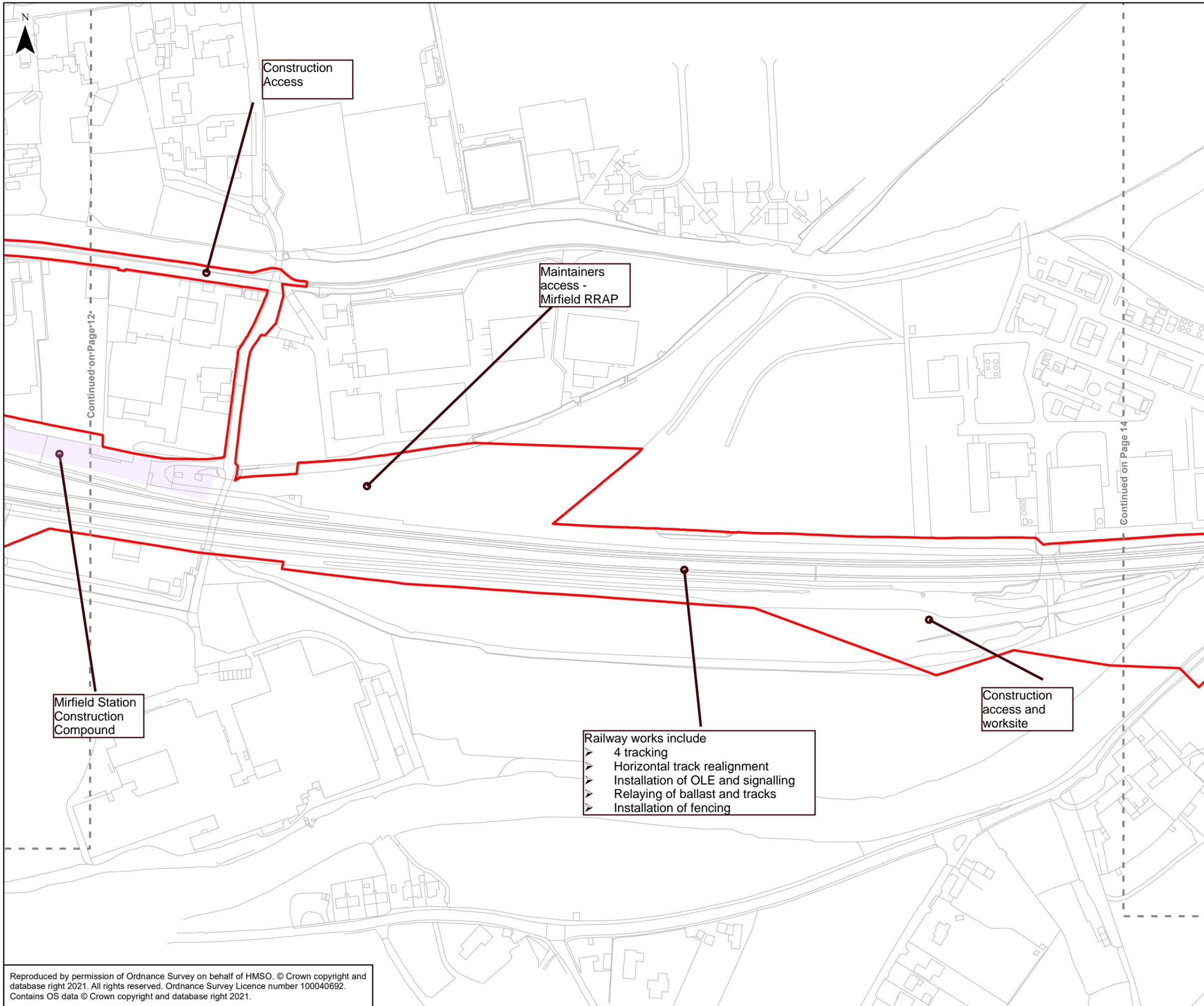
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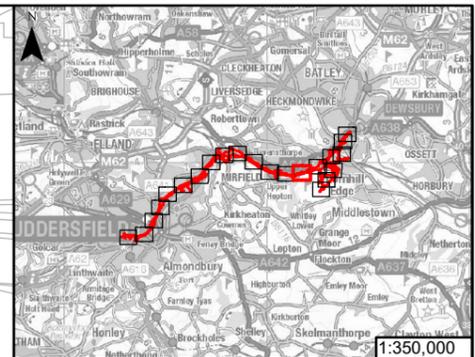
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 Revision
 P01.1

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1:350,000

Scheme Boundary

Adjacent Map Sheet



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Project
TRANSPENNINE ROUTE UPGRADE

Contract No.
151667

Scheme Title
THE NETWORK RAIL (HUDDERSFIELD TO WESTTOWN (DEWSBURY) IMPROVEMENTS) ORDER

Drawing Title
**Figure 2-1
Scheme Drawings**

Designed	R.Bowes	Signed Electronically	Date	12/02/2021
Drawn	R.Bowes	Signed Electronically	Date	12/02/2021
Checked	P.Butler	Signed Electronically	Date	12/02/2021
Approved	P.Butler	Signed Electronically	Date	12/02/2021

Scale(s)
1:2,500

ELR & Project Chainage

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Railway works include

- 4 tracking
- Horizontal track realignment
- Installation of OLE and signalling
- Relaying of ballast and tracks
- Installation of fencing

Sands Lane compound

Sands Lane Overbridge (MVN2/199)

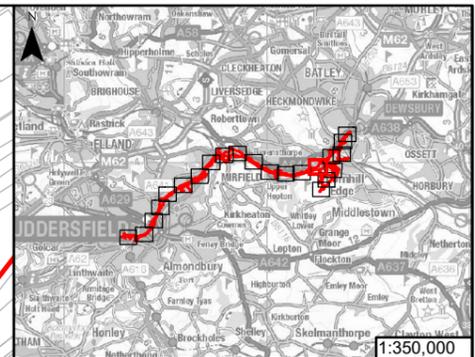
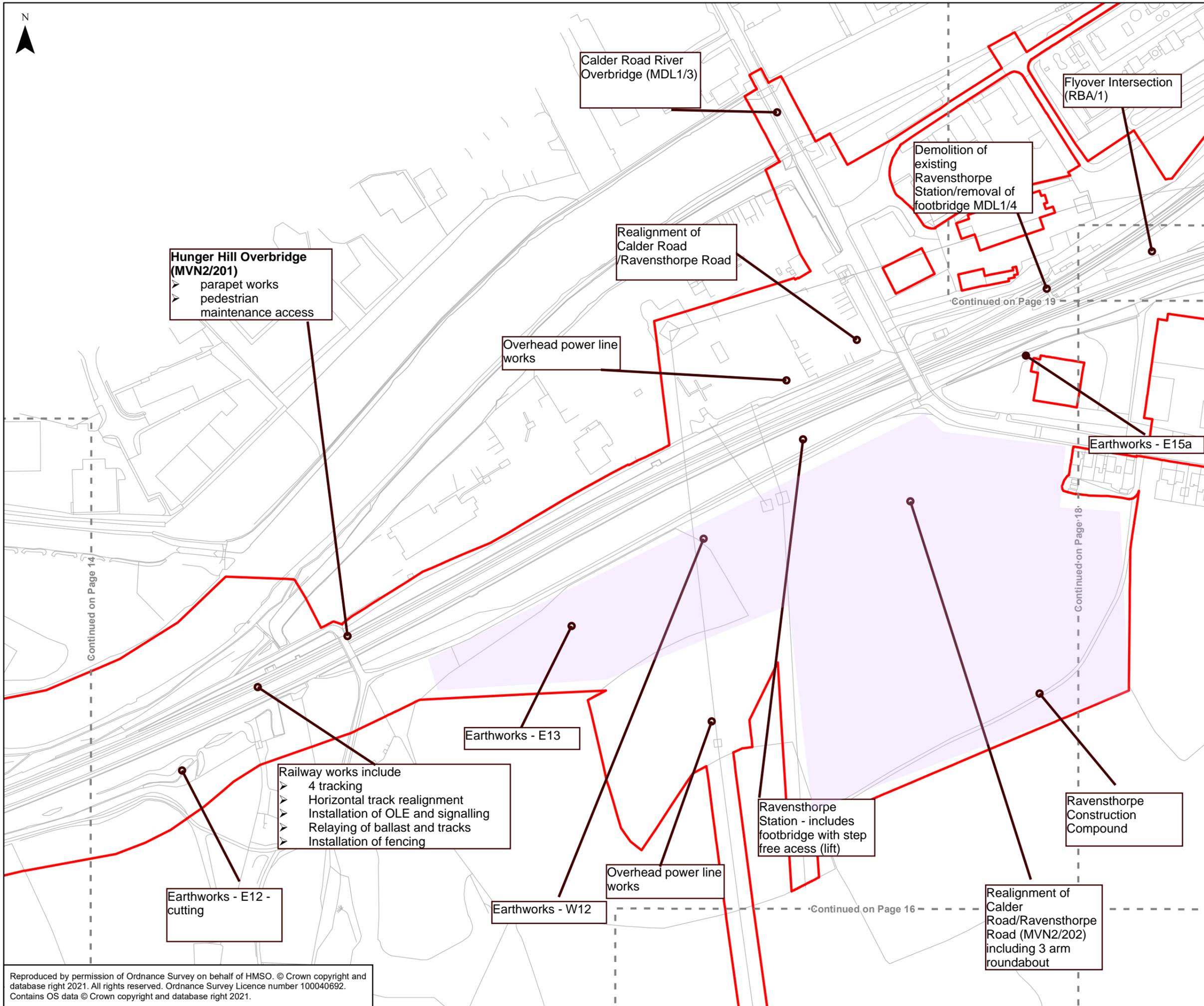
- parapet works
- pedestrian
- maintenance access

Maintainers access

Steanard Lane compound

Wheatley's Underbridge (MVN2/196) - parapet works and installation of handrail.

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Scheme Boundary
 Adjacent Map Sheet

0 10 20 40 60 80 100 Metres
 SCALE 1:2,500

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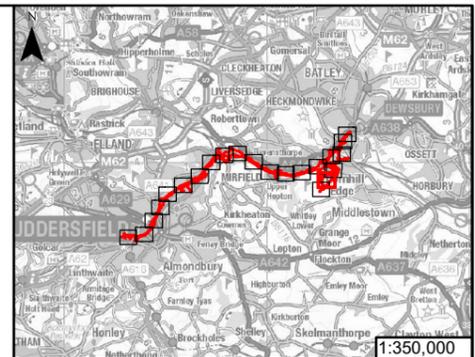
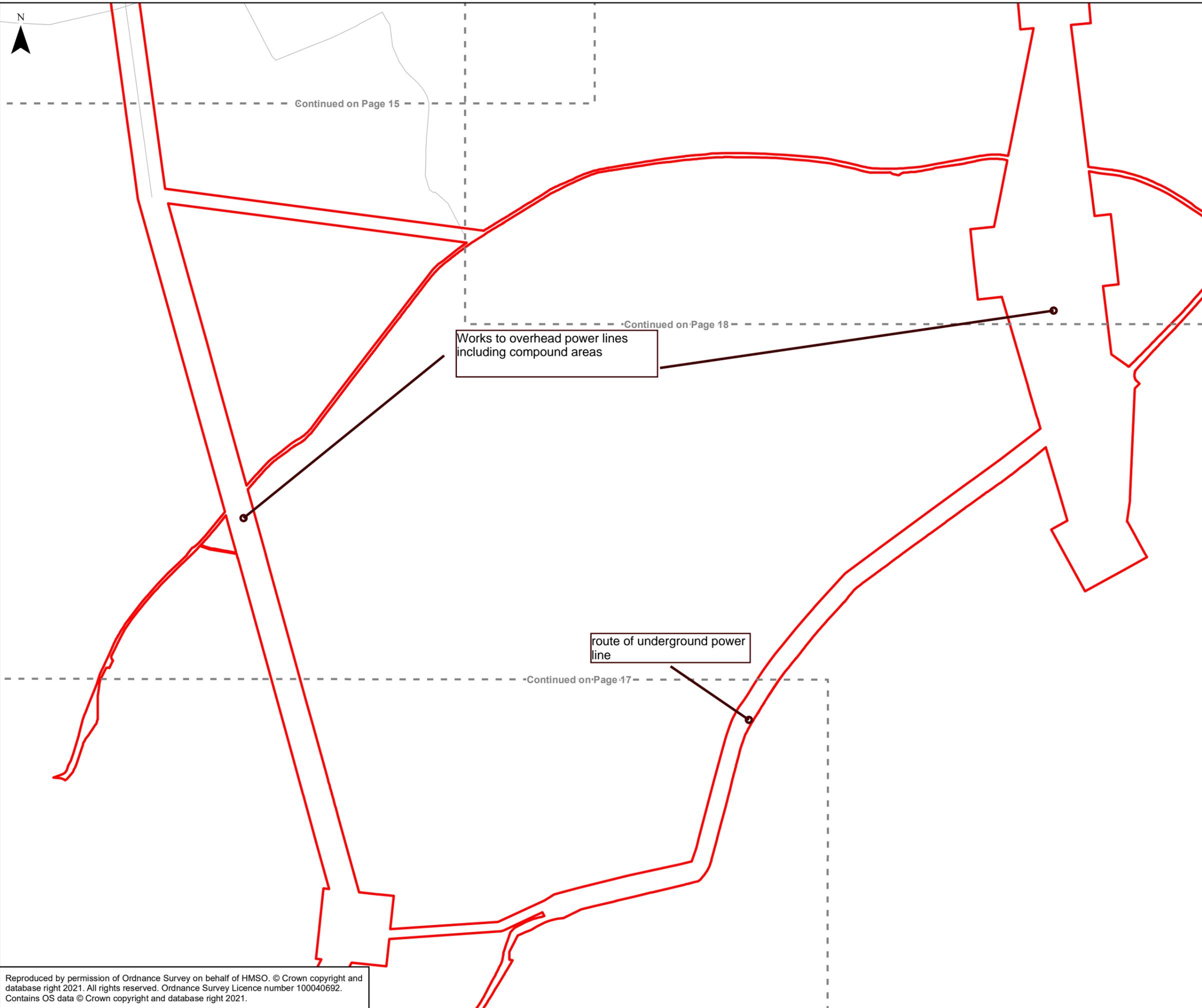


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Scale(s)	1:2,500	ELR & Project Chainage	---	
Alternative Reference	---			Sheet
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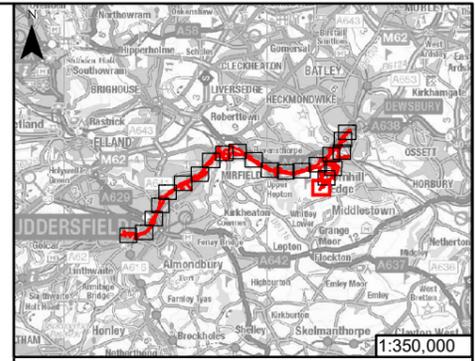
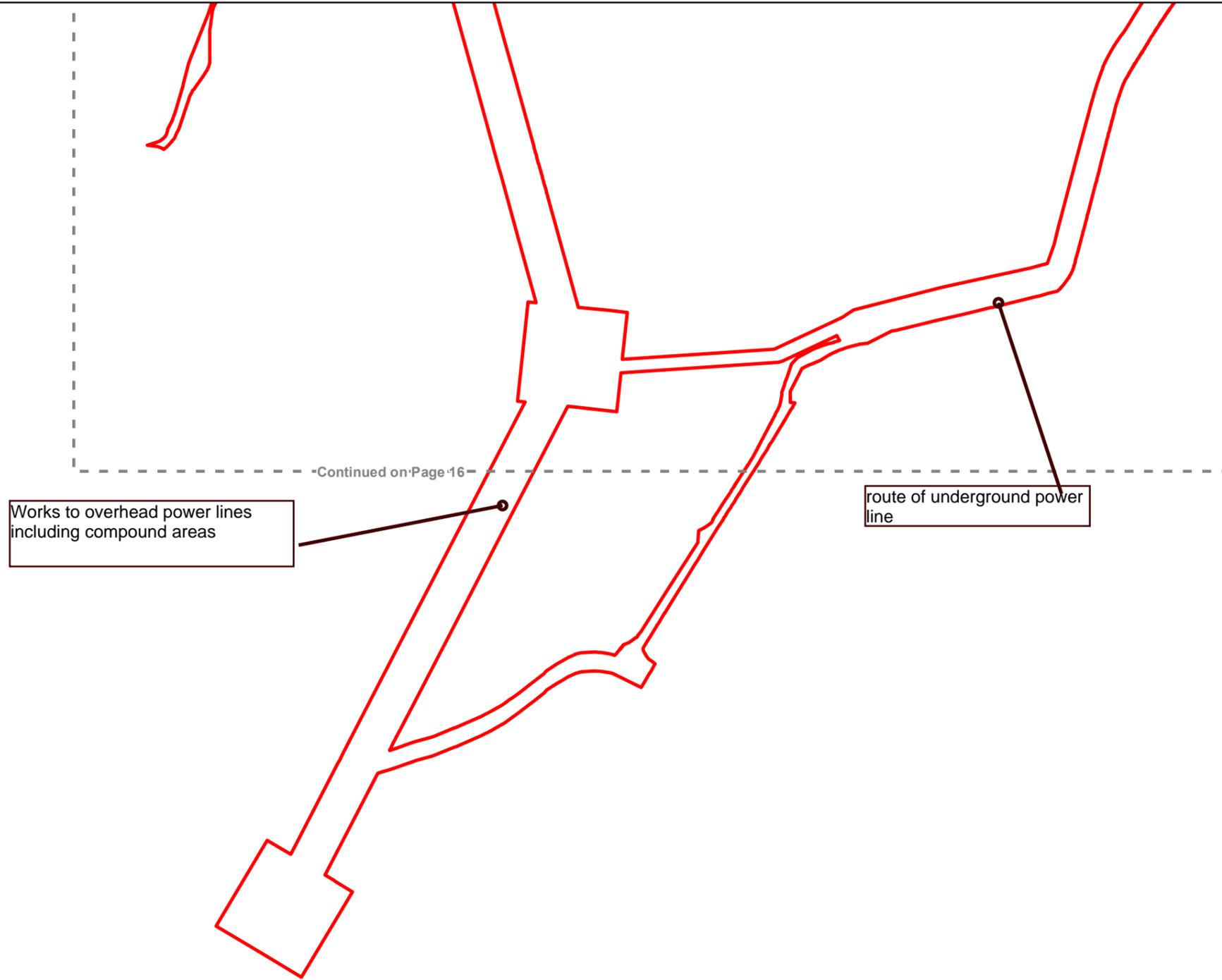
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Figure 2-1
Scheme Drawings

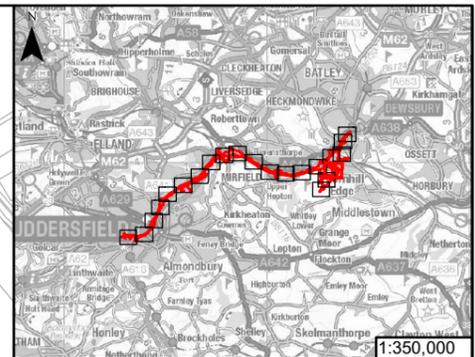
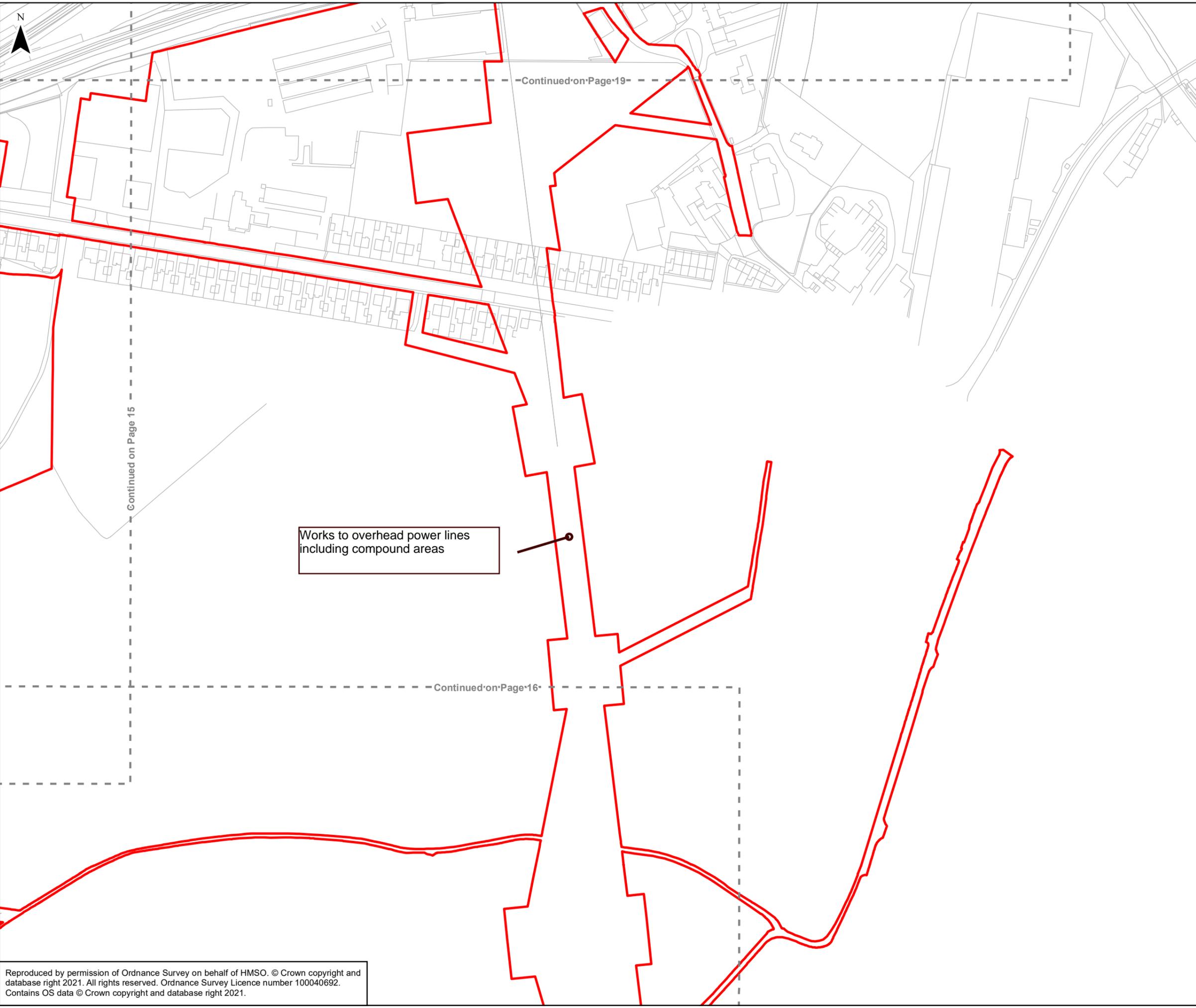
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Scale(s) 1:2,500 ELR & Project Chainage ---

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Works to overhead power lines
including compound areas

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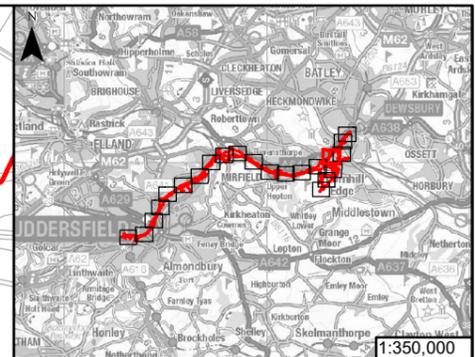
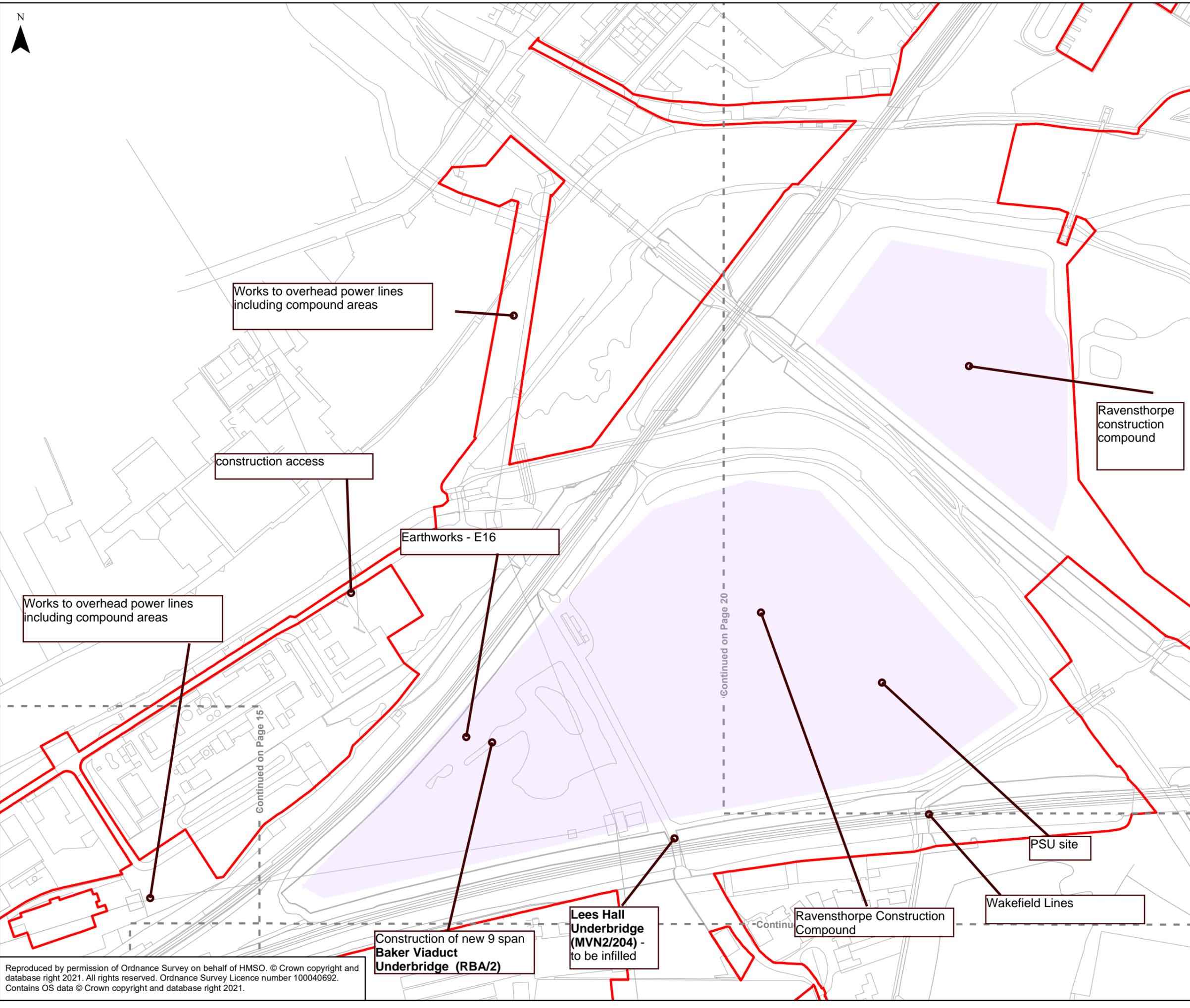
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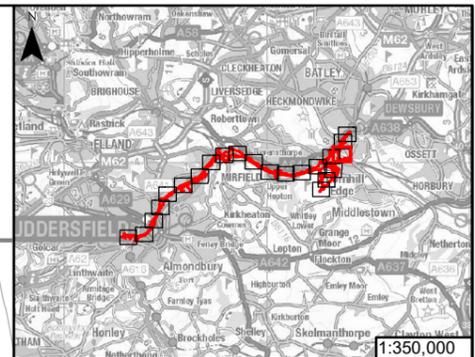
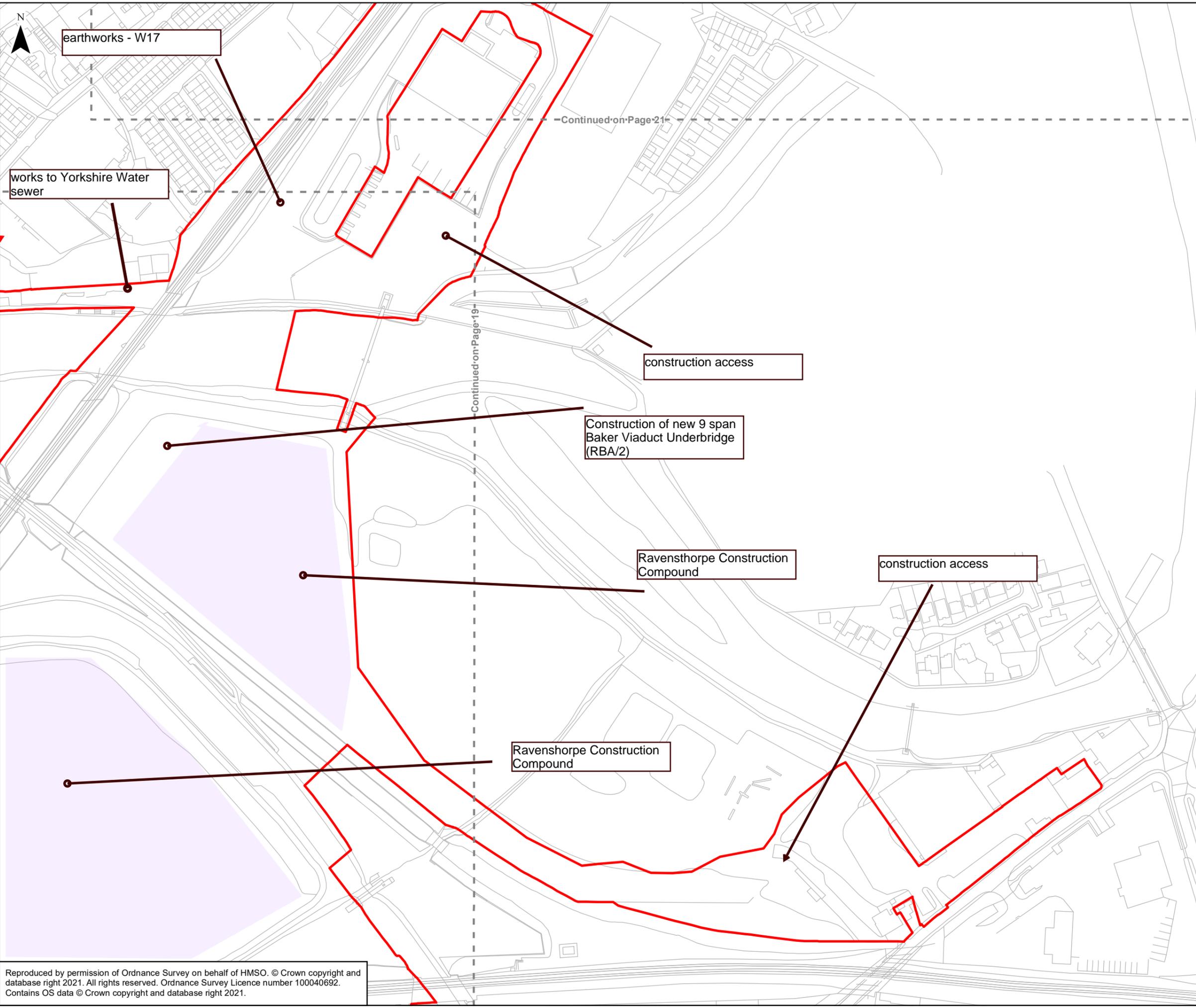
Scale(s)
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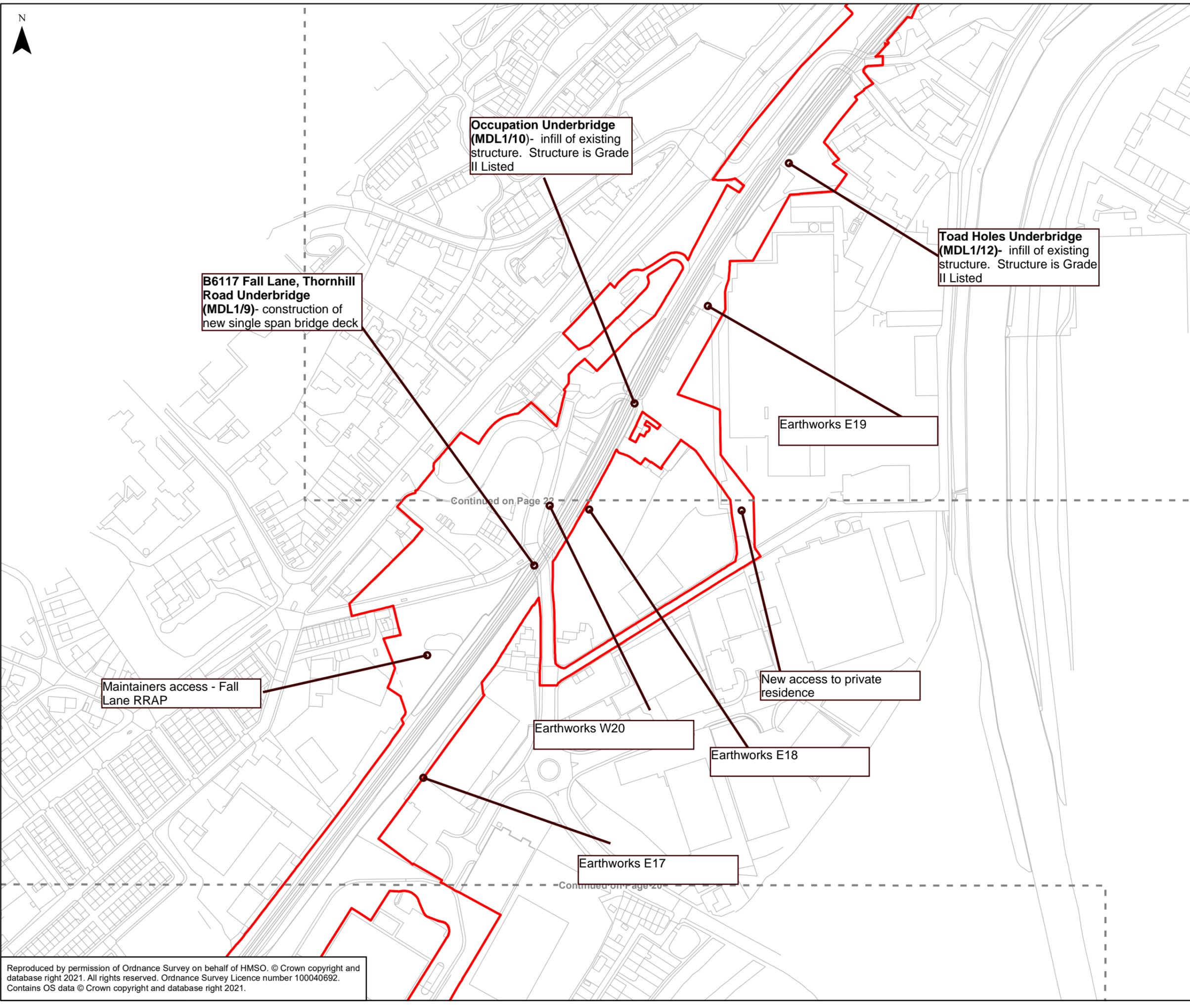
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Occupation Underbridge (MDL1/10)- infill of existing structure. Structure is Grade II Listed

Toad Holes Underbridge (MDL1/12)- infill of existing structure. Structure is Grade II Listed

B6117 Fall Lane, Thornhill Road Underbridge (MDL1/9)- construction of new single span bridge deck

Earthworks E19

Continued on Page 22

Maintainers access - Fall Lane RRAP

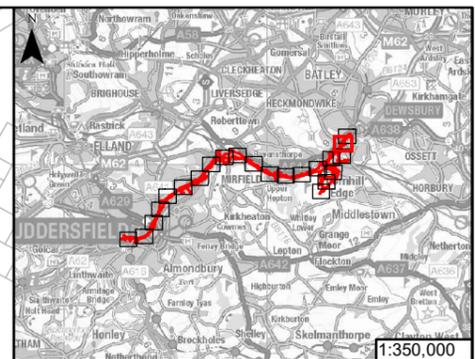
New access to private residence

Earthworks W20

Earthworks E18

Earthworks E17

Continued on Page 20



Legend:
[Red outline] Scheme Boundary
[Dashed line] Adjacent Map Sheet



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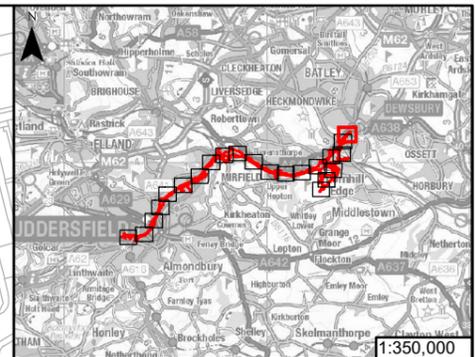
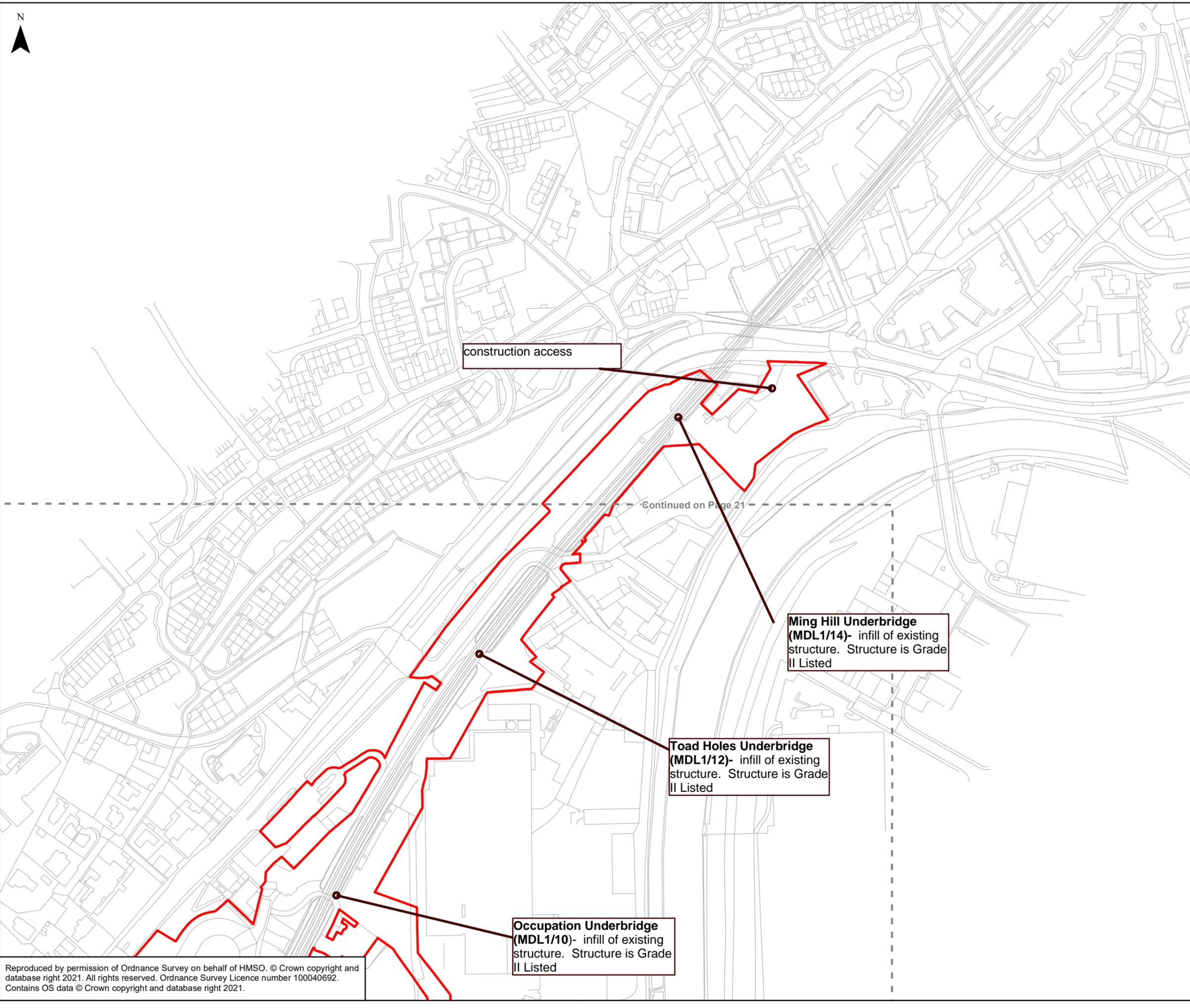
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