

A66 - Key Proposed Construction Activities (Phase 2 Works)

- FLOODPLAIN KEY
- Floodplain River Eden 1 in 2 year & Trout Beck 1 in 2 year
 - Floodplain River Eden 1 in 100 year storm + 94% CC Trout Beck 1 in 20 year storm + 94% CC
 - Floodplain River Eden 1 in 20 year storm + 94% CC Trout Beck 1 in 100 year storm + 94% CC

- KEY
- Red line boundary
 - Existing layout
 - Existing watercourse
 - Proposed layout
 - Highway structure
 - Culvert
 - Cut-off drain
 - Surface water channel
 - Dry stone wall
 - Noise barrier
 - Proposed boundary treatment
 - Proposed gate
 - Traffic sign
 - Proposed lighting column
 - Proposed traffic signal
 - Technology site
 - Proposed vehicle restraint system
 - Headwall
 - Pipe to Outfall
 - Earthworks
 - Pond
 - Proposed Bridleway
 - Abandoned Bridleway
 - Existing Bridleway
 - Proposed Byway
 - Abandoned Byway
 - Existing Byway
 - Proposed Byway Open to All Traffic (BOAT)
 - Abandoned Byway Open to All Traffic (BOAT)
 - Existing Byway Open to All Traffic (BOAT)
 - Proposed Footway/Footpath
 - Abandoned Footway/Footpath
 - Existing Footway/Footpath
 - Proposed Cycleway
 - Abandoned Cycleway
 - Existing Cycleway
 - Proposed Shared Cycle Footway
 - Abandoned Shared Cycle Footway
 - Existing Shared Cycle Footway
 - Earth Bund
 - Farm Track/Access
 - Haul Road
 - Rest Area
 - Quiet Lane
 - Designated Walkers, Cyclists and Horse Riders Route
 - Maintenance Lay-by
 - Compound/Storage Area
 - Demolished buildings
 - Mine workings
 - Floodplain
 - ACNB
 - Retaining Wall
 - Major Overhead Services
 - Major Underground Services

Legend

Roads open & in public use

Construction Work Area Phase 1

Construction Work Area Phase 2

Important - Some features shown on this drawing may be different from those shown in the Maps Books. The purpose of the drawings highlight elements of the construction works and where discrepancies with the Map Books exist, the Map Book versions should be regarded as showing the preliminary design.

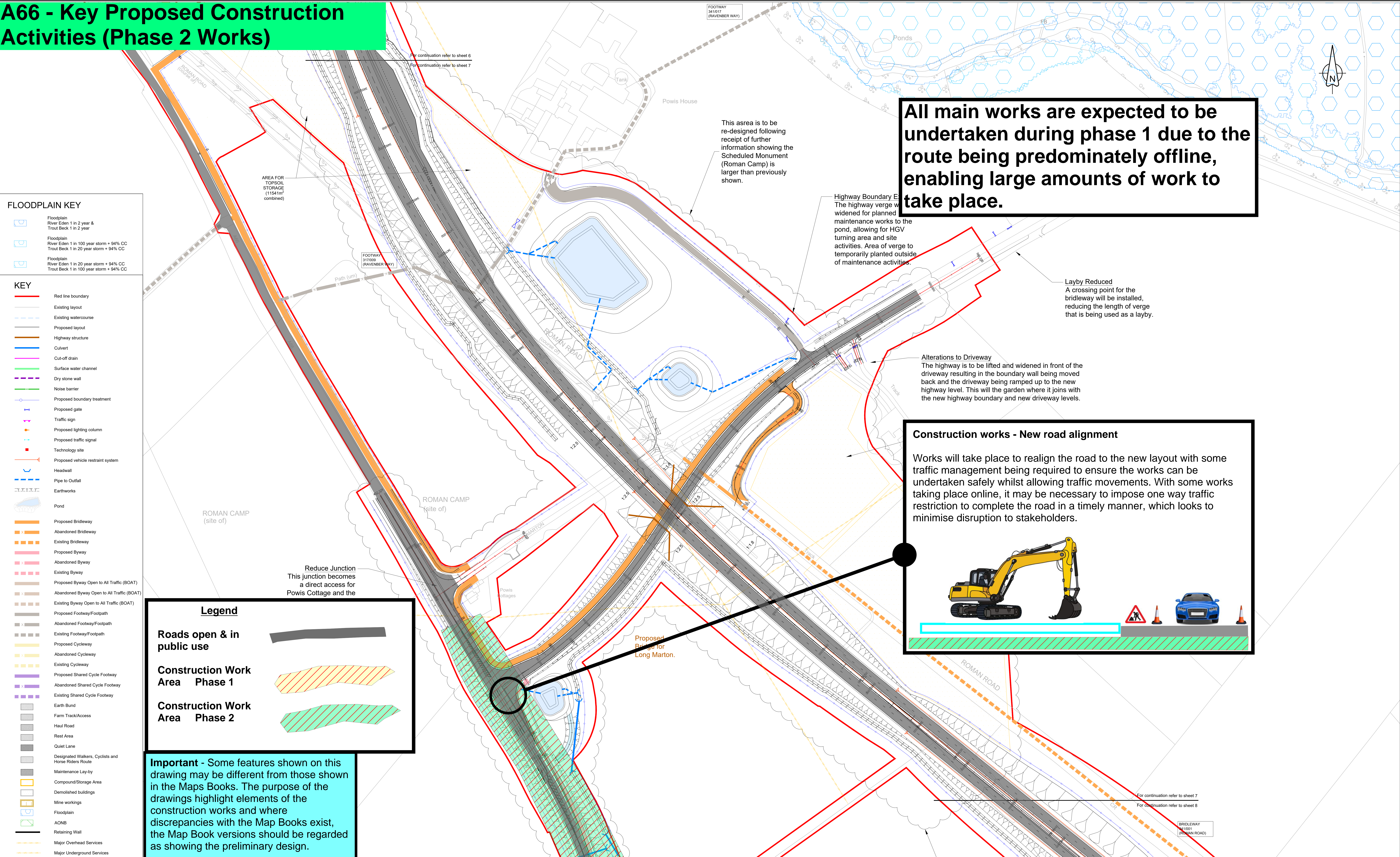
- NOTES
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 - This drawing is to be read in conjunction with the accompanying Technical Note.
 - Ordnance Survey data has been replaced by more detailed Sensat Survey (aerial mapping by drones) data where the existing OA66 ties in with the proposed RA66 and TSL Road.
 - Design in progress - all facilities shown in this GA plan may be subject to change.

RESIDUAL DESIGN HAZARDS

(The following information has been collected from Preconstruction Information and the Arney Arap DUV CDM Hazard Management Process.)

Underground Services

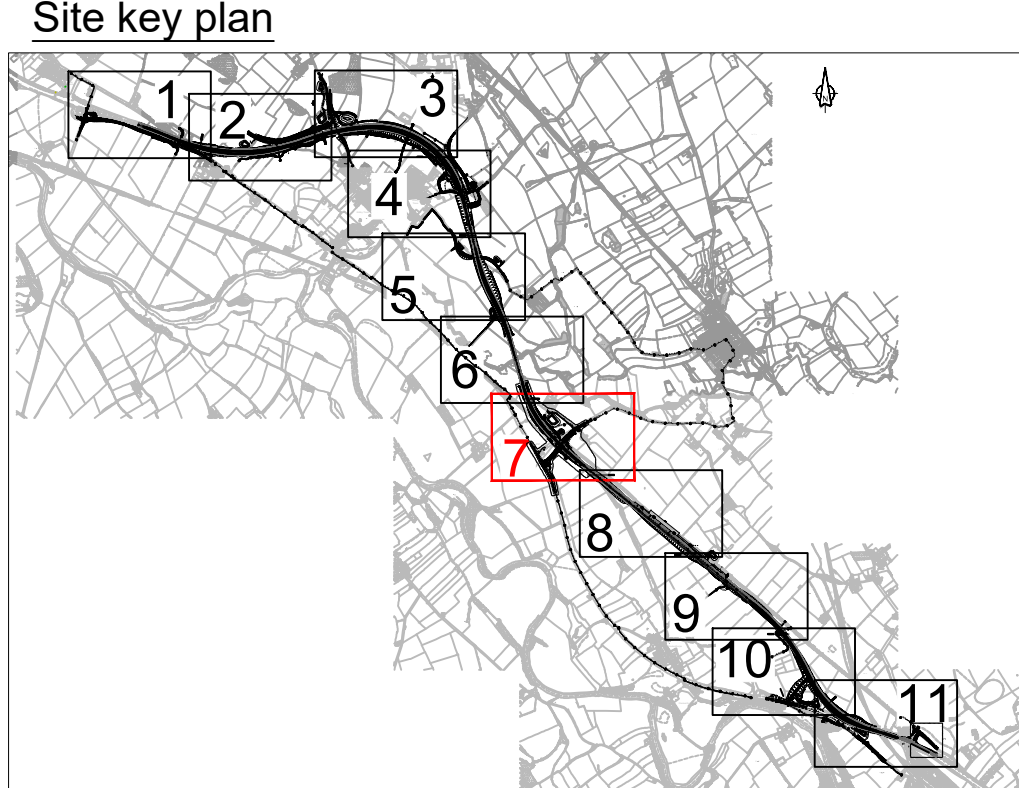
Overhead Services



All main works are expected to be undertaken during phase 1 due to the route being predominately offline, enabling large amounts of work to take place.

Construction works - New road alignment

Works will take place to realign the road to the new layout with some traffic management being required to ensure the works can be undertaken safely whilst allowing traffic movements. With some works taking place online, it may be necessary to impose one way traffic restriction to complete the road in a timely manner, which looks to minimise disruption to stakeholders.



Revision	Created	Checked	Reviewed	Approved	Authorised
P01	GCHI	GCHI	SHAL	KCRO	
	08/09/21	08/09/21	08/09/21	08/09/21	

Designer: Arney OW Limited, Chancery Exchange, 10 Furnival Street, London, EC4A 1AB

Client: 3 Piccadilly Place, Manchester, M1 3BN

Project Name: A66 Northern Trans-Pennine

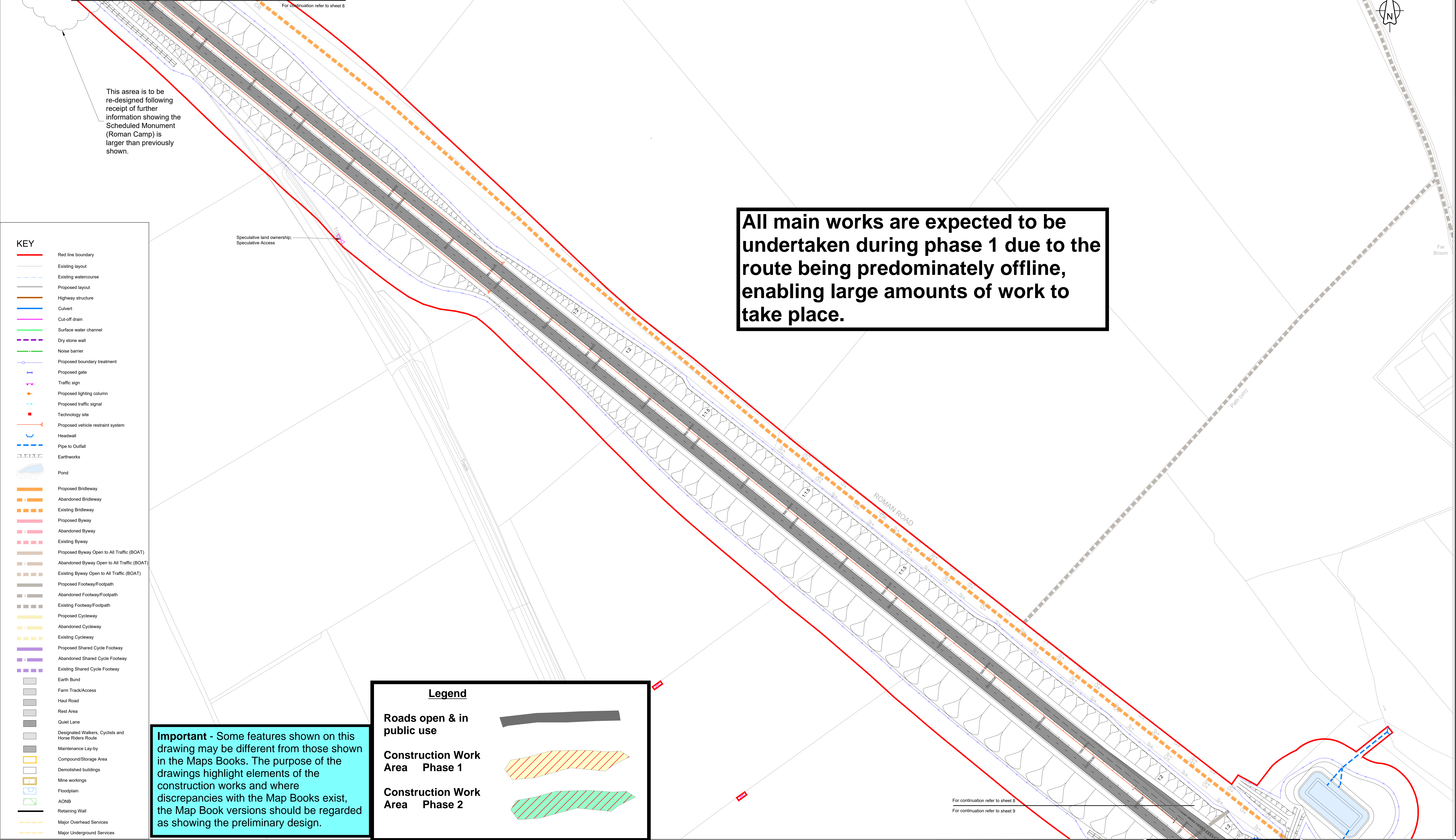
Project Ref. No.: ---, Stage: PCF3, Scale: 1:1000, @ A0

Drawing Title: Temple Sowerby to Appleby, Blue Option General Arrangement, Sheet 7 of 11 (Powis House Junction)

Drawing Number: HE565627 - AMY - HGN, S0405, -DR-CH- 000207

Suitability: S1, Suitability Description: Fit for Co-ordination, Revision: P01

A66 - Key Proposed Construction Activities (Phase 2 Works)



All main works are expected to be undertaken during phase 1 due to the route being predominately offline, enabling large amounts of work to take place.

KEY

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- Proposed layout
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- Floodplain
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- Retaining Wall
- Major Overhead Services
- Major Underground Services

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Legend

Roads open & in public use

Construction Work Area Phase 1

Construction Work Area Phase 2

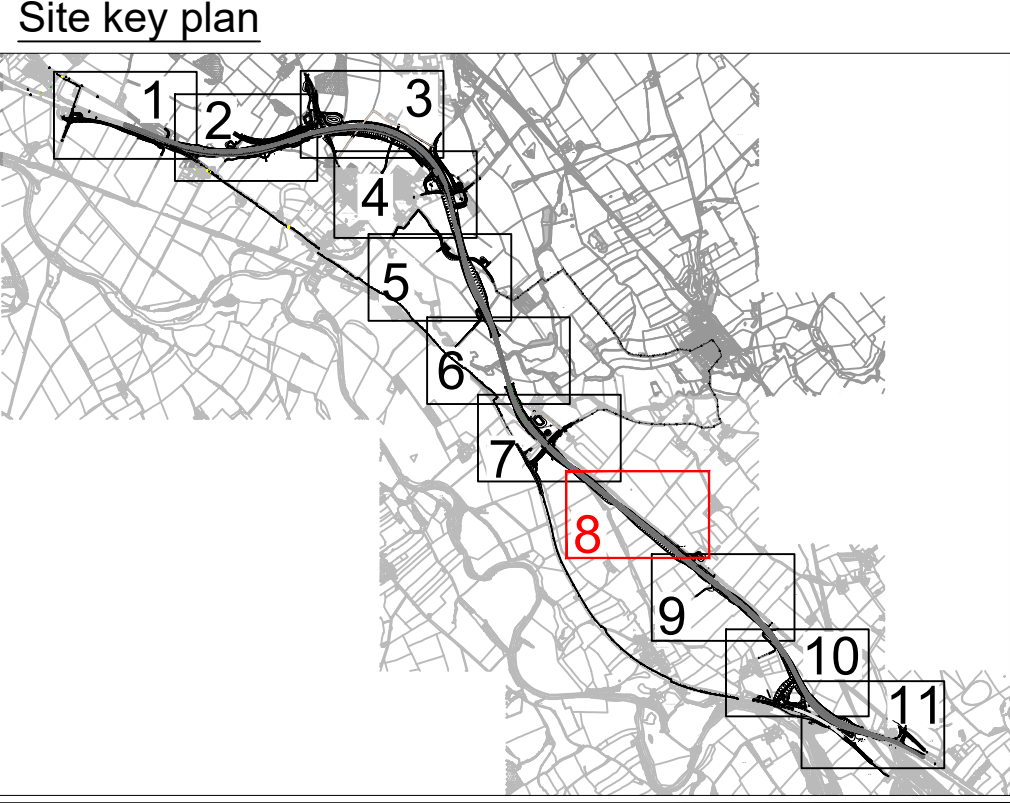
RESIDUAL DESIGN HAZARDS

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Underground Services

Overhead Services.

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Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
P01	08/09/21	08/09/21	08/09/21	08/09/21	---
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer
Amey OW Limited
Chancery Exchange
10 Fumival Street
London, EC4A 1AB

A66 NTP Integrated Project Team

Project Name
A66 Northern Trans-Pennine

Drawing Title
Temple Sowerby to Appleby
Blue Option General Arrangement
Sheet 8 of 11
(Crackenthorpe)

Client
3 Piccadilly Place
Manchester
M1 3BN

highways england

Project Ref. No. Stage Scale : 1:1000 @ A0
--- PCF3 Dimensions : M

Drawing Number
HE565627 - AMY - HGN
S0405 -DR-CH- 000208
Location | Type | Role | Number

Suitability Suitability Description Revision
S1 Fit for Co-ordination P01

A66 - Key Proposed Construction Activities (Phase 2 Works)

All main works are expected to be undertaken during phase 1 due to the route being predominately offline, enabling large amounts of work to take place.

AREA FOR —
TOPSOIL
STORAGE
(13391.5m²)

Proposed
Underpass
For bridleway.
4m wide.
3.4m headroom.

Proposed Underpass
For diverted farm track.
4m wide.
3.4m headroom.

For continuation refer to sheet 9

For continuation refer to sheet 10

– AREA FOR
TOPSOIL
STORAGE
(9699m²)

Legend

Roads open & in public use

**Construction Work
Area Phase 1**

**Construction Work
Area Phase 2**

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! RESIDUAL DESIGN HAZARDS

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Underground Services

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Site key plan

[illegible]

Designer
Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB



Client
3 Piccadilly Place
Manchester
M1 3BN



Project Name
A66 Northern Trans-Pennine

Drawing Title

Temple Sowerby to Appleby
Blue Option General Arrangement
Sheet 9 of 11
(Roger Head)

Project Ref. No.	Stage	Scale : 1:1000 @ A0
---	PCF3	Dimensions : M

Drawing Number			
Project	Originator	Volume	
HE565627	- AMY	- HGN	
S0405	-DR-CH- 000209		
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P01

A66 - Key Proposed Construction Activities (Phase 2 Works)

Legend

Roads open & in public use

Construction Work Area Phase 1

Construction Work Area Phase 2

KEY

Red line boundary

Existing layout

Existing watercourse

Proposed layout

Highway structure

Culvert

Cut-off drain

Surface water channel

Dry stone wall

Noise barrier

Proposed boundary treatment

Proposed gate

Traffic sign

Proposed lighting column

Proposed traffic signal

Technology site

Proposed vehicle restraint system

Headwall

Pipe to Outfall

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Abandoned Bridleway

Existing Bridleway

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Haul Road

Rest Area

Quiet Lane

Designated Walkers, Cyclists and Horse Riders Route

Maintenance Lay-by

Compound/Storage Area

Demolished buildings

Mine workings

Floodplain

AONB

Retaining Wall

Major Overhead Services

Major Underground Services

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Construction works - New road alignment

Works will take place to realign the de-trunked A66 road to the new layout with some traffic management being required to ensure the works can be undertaken safely whilst allowing traffic movements. With some works taking place online, it may be necessary to impose one way traffic restriction to complete the road in a timely manner, which looks to minimise disruption to stakeholders.

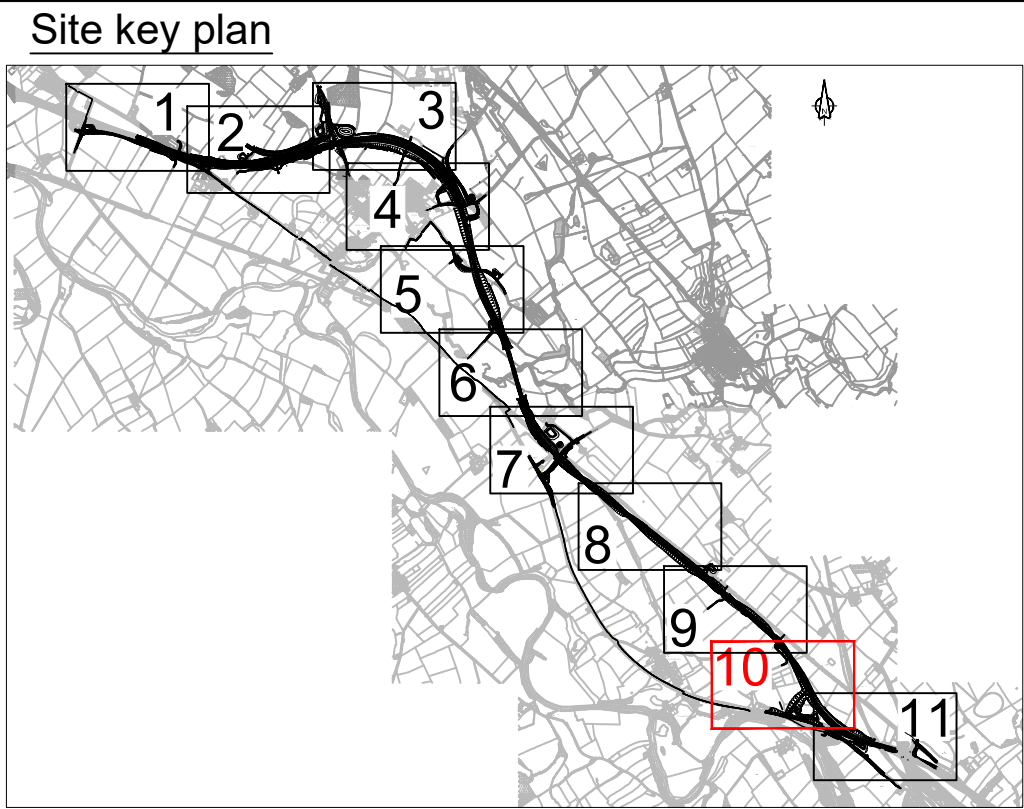
RESIDUAL DESIGN HAZARDS

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Overhead Services.

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Revision details					
Revision	Created	Checked	Reviewed	Approved	Authorised
	ddmm/yy	ddmm/yy	ddmm/yy	ddmm/yy	ddmm/yy

Designer
Arney OW Limited
Chancery Exchange
10 Fumival Street
London, EC4A 1AB

A66 NTP

Integrated Project Team

Project Name
A66 Northern Trans-Pennine

Drawing Title
**Temple Sowerby to Appleby
Blue Option General Arrangement
Sheet 10 of 11
(B6542 Westbound Junction)**

Client
3 Piccadilly Place
Manchester
M1 3BN

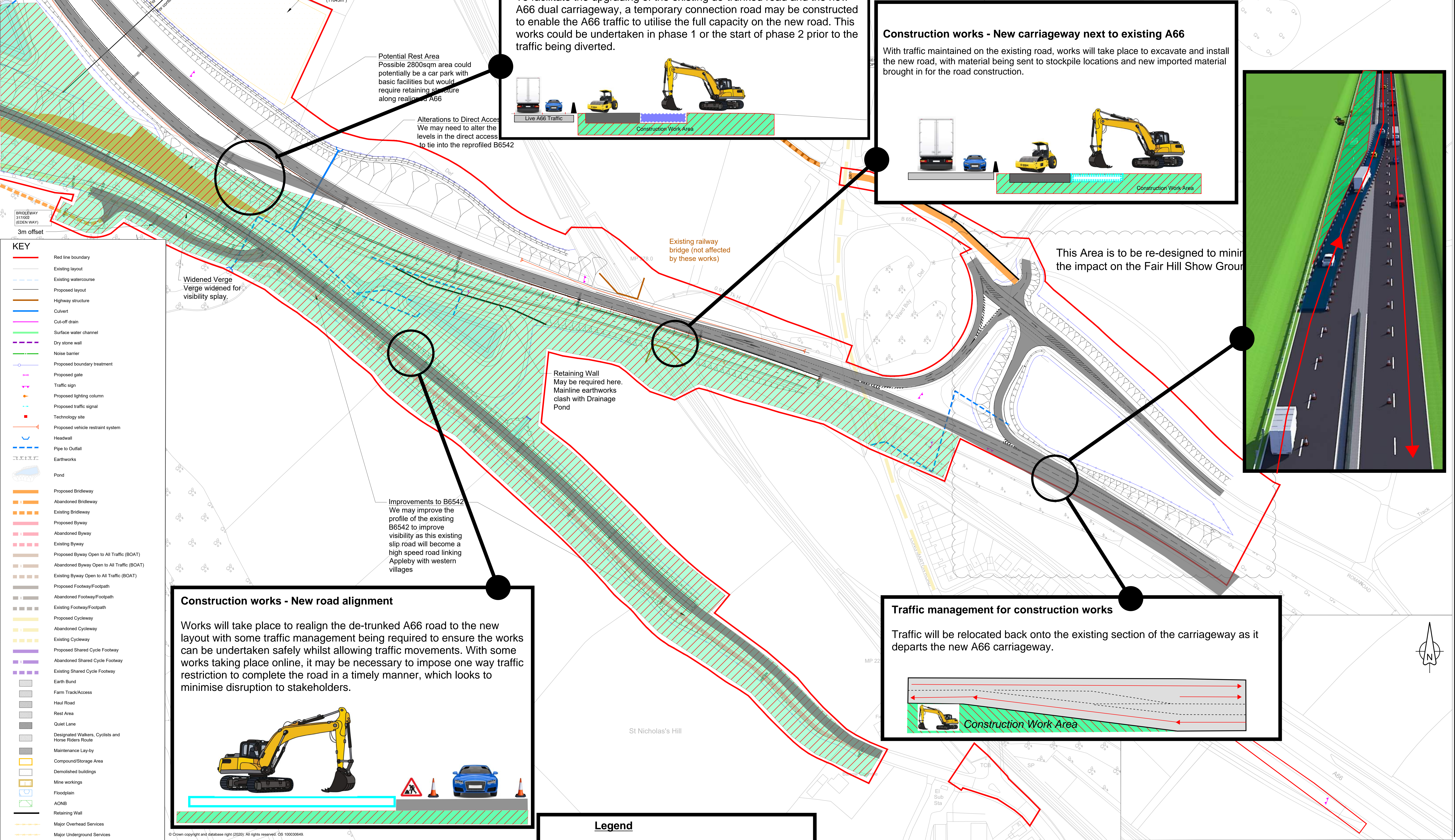
highways england

Project Ref. No.	Stage	Scale	@ A0
---	PCF3	1:1000	M

Drawing Number	Project	Originator	Volume
HE565627 - AMY - HGN			
S0405	-DR-CH-	000210	
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S1	Fit for Co-ordination	P01

A66 - Key Proposed Construction Activities (Phase 2 Works)



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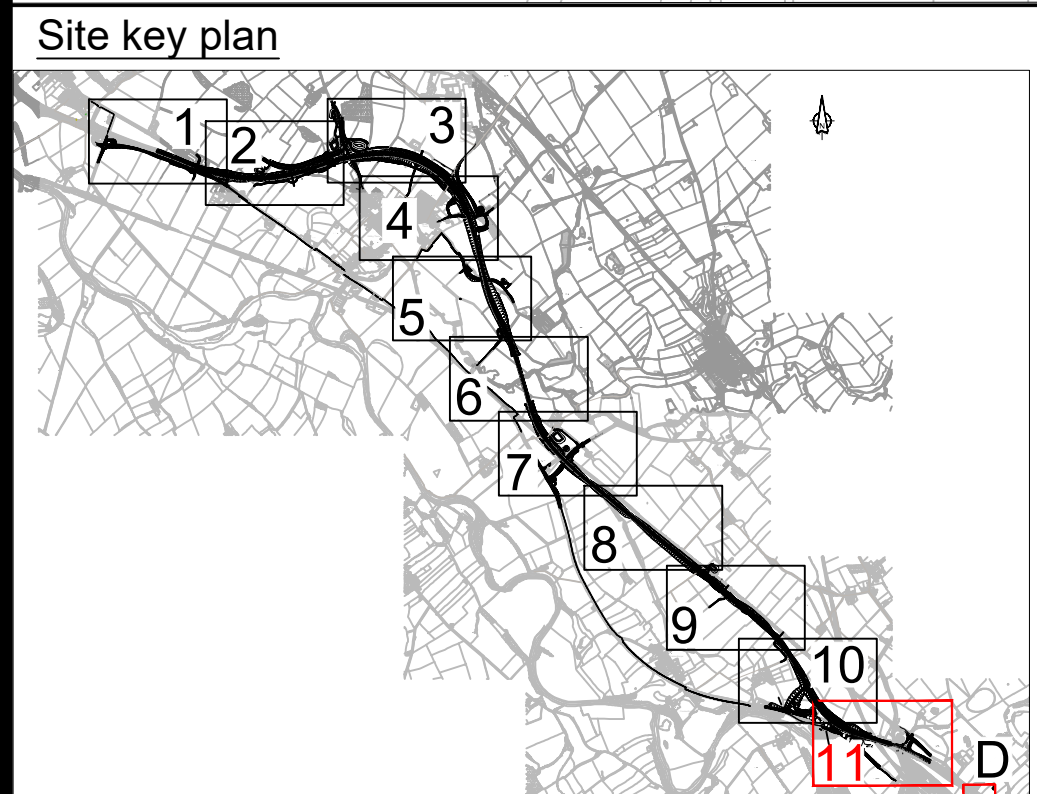
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Legend

Roads open & in public use

Construction Work Area Phase 1

Construction Work Area Phase 2



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Amey OW Limited
Chancery Exchange
10 Furnival Street
London, EC4A 1AB

A66 NTP
Integrated Project Team

Client
3 Piccadilly Place
Manchester
M1 3BN

highways england

Project Name
A66 Northern Trans-Pennine

Project Ref. No. Stage Scale : 1:1000 @ A0
--- PCF3 Dimensions : M

Drawing Number
Project Originator Volume
HE565627 - AMY - HGN
S0405 -DR-CH- 000211
Location Type Role Number

Drawing Title
Temple Sowerby to Appleby
Blue Option General Arrangement
Sheet 11 of 11
(B6542 Eastbound Junction)

Suitability Suitability Description Revision
S1 Fit for Co-ordination P01