

A66 - Key Proposed Construction Activities (Phase 2 Works)

Legend

Roads open & in public use

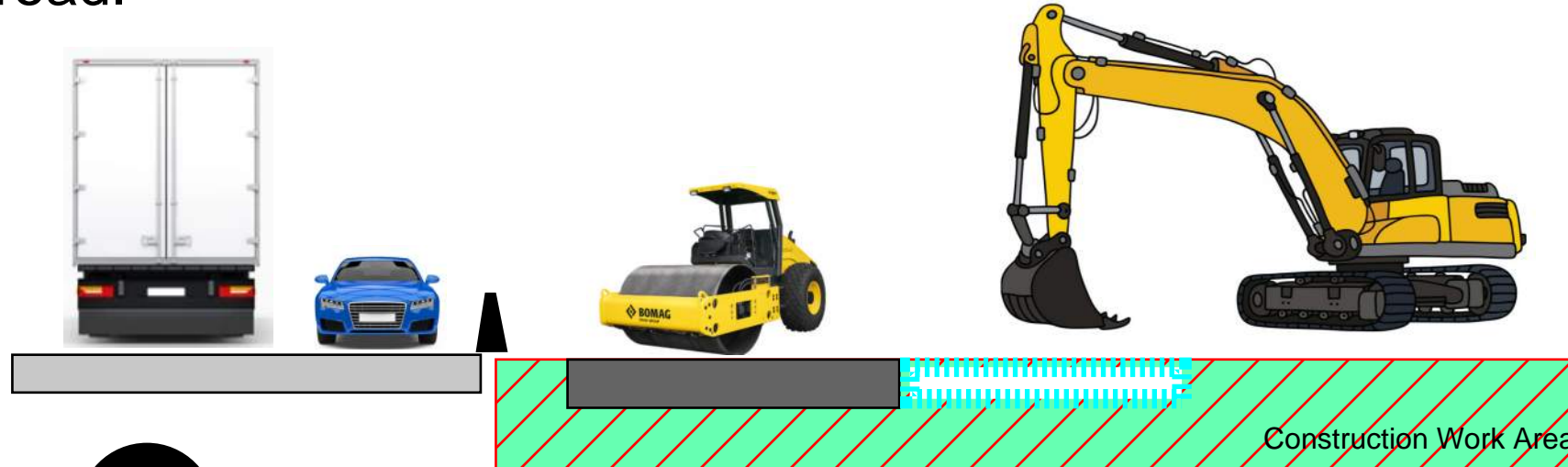
Construction Work Area Phase 1

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.

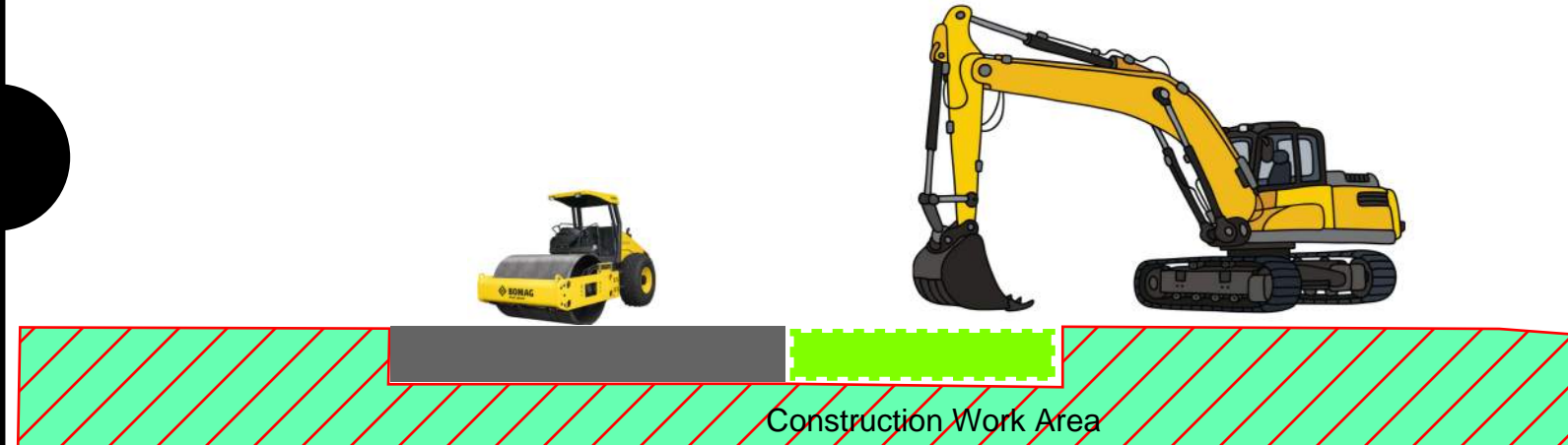
Construction works - New carriagewa

With traffic now diverted on the new part of the A66, works will take place to excavate and install the remaining A66 road, with material being sent to stockpile locations and new imported material brought in for the road construction. Kerbs and drainage will be installed, followed by the granular and asphalt material being installed in layers to complete the new road.



Construction works - New De-trunked A6

Where the new de-trunked road ties in with the new overbridge access road, this will be constructed off peak with a possible road closure and temporary diversion required. Depending on the scale of works undertaken this could be facilitated through temporary traffic lights and reduced traffic flows.



! RESIDUAL DESIGN HAZARDS



































(The following information has been collected from Preconstruction Information and the Amey Arup DJV CDM Hazard Management Process.)

- Overhead Services.
Underground Services:

NOTES

- All levels are in metres above Ordnance Survey Datum.
All dimensions are in metres unless otherwise stated.
This drawing is to be read in conjunction with all other relevant drawings.

KEY

- | | |
|---|------------------------------------|
|  | Red Line Boundary |
|  | Proposed Fence Line |
|  | Existing Layout |
|  | Proposed Layout |
|  | Highway Structure |
|  | Culvert |
|  | Cut-off drain |
|  | Earthworks |
|  | Pond |
|  | Footpath |
|  | Proposed Footpath |
|  | Abandoned Footpath |
|  | Bridleway |
|  | Proposed Bridleway |
|  | Abandoned Bridleway |
|  | Farm Track/Access |
|  | Proposed Gate |
|  | Compound/ Storage Locations |
|  | Paved Area |
|  | Area of Outstanding Natural Beauty |
|  | Major Overhead Services |
|  | Major Underground Services |
|  | Headwall |
|  | Pipe to Outfall |
|  | Cattle Grid |
|  | Hedge |
|  | MCD Helpaid |
|  | Proposed Vehicle Restraint System |
|  | Concrete Drainage Channel |
|  | Sign Position |
|  | Filter Drain |
|  | MCD Boundary Fence |
|  | Green Line Boundary |
|  | Potential Brown Hill Fair Site |

P01.1	Revision details					
	Created	Checked	Reviewed	Approved	Authorised	
	dd/mm/vv	dd/mm/vv	dd/mm/vv	dd/mm/vv	dd/mm/vv	

Designer
Amey OW Limited
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**A66
NTP** **Integrated
Project
Team**

Client
3 Piccadilly Place
Manchester
M1 3BN



Project Name
A66 Northern Trans-Pennine

Drawing Title
Appleby to Brough
Option 2 - (Black-Blue-Black)
General Arrangement
Sheet 4 of 10

Project Ref. No.	Stage	Scale : 1:1000 @ A0
---	PCF2	Dimensions : M

Drawing Number			
Project	Originator	Volume	
HE565627	- AMY	- HGN	-
S06	-DR-CH-424204		
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S0	Initial non-contractual code	P01.1

A66 - Key Proposed Construction Activities (Phase 2 Works)

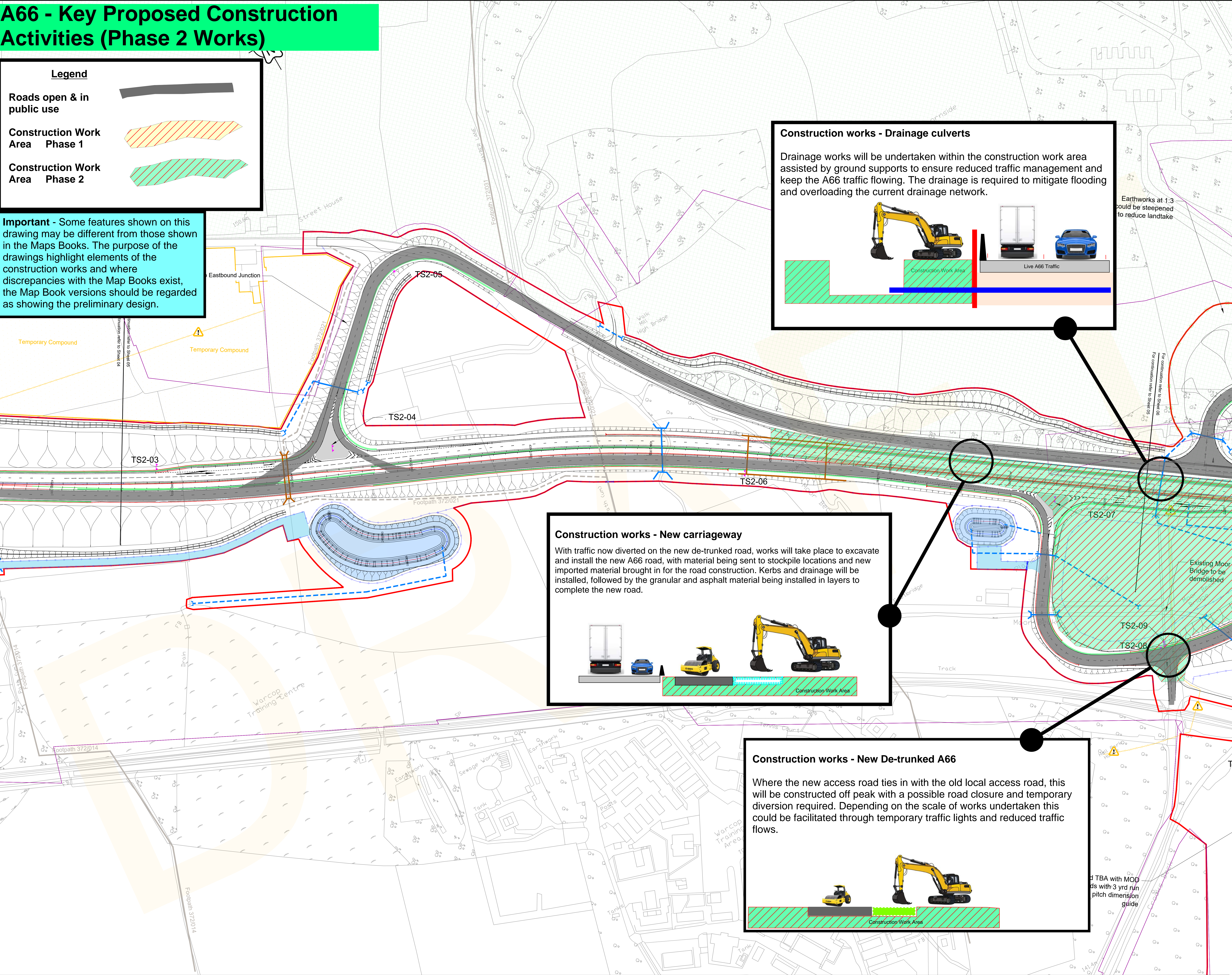
Legend

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Construction Work Area Phase 1

Construction Work Area Phase 2

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Construction works - Drainage culverts

Drainage works will be undertaken within the construction work area assisted by ground supports to ensure reduced traffic management and keep the A66 traffic flowing. The drainage is required to mitigate flooding and overloading the current drainage network.

Construction works - New carriageway

With traffic now diverted on the new de-trunked road, works will take place to excavate and install the new A66 road, with material being sent to stockpile locations and new imported material brought in for the road construction. Kerbs and drainage will be installed, followed by the granular and asphalt material being installed in layers to complete the new road.

Construction works - New De-trunked A66

Where the new access road ties in with the old local access road, this will be constructed off peak with a possible road closure and temporary diversion required. Depending on the scale of works undertaken this could be facilitated through temporary traffic lights and reduced traffic flows.

RESIDUAL DESIGN HAZARDS

(The following information has been collected from Preconstruction Information and the Amey Arup DJV CDM Hazard Management Process.)

1. Overhead Services.
2. Underground Services.

NOTES

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KEY

Red Line Boundary

Proposed Fence Line

Existing Layout

Proposed Layout

Highway Structure

Culvert

Cut-off drain

Earthworks

Pond

Footpath

Proposed Footpath

Abandoned Footpath

Bridleway

Proposed Bridleway

Abandoned Bridleway

Farm Track/Access

Proposed Gate

Compound/Storage Locations

Paved Area

Area of Outstanding Natural Beauty

Major Overhead Services

Major Underground Services

Headwall

Pipe to Outfall

Cattle Grid

Hedge

MOD Helpaid

Proposed Vehicle Restraint System

Concrete Drainage Channel

Sign Position

Filter Drain

MOD Boundary Fence

Green Line Boundary

Potential Brough Hill Fair Site

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P01.1	---	---	---	---	---
Revision	Revision details				
	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer
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Project Name
A66 Northern Trans-Pennine

Drawing Title
Appleby to Brough
Option 2 - (Black-Blue-Black)
General Arrangement
Sheet 5 of 10

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

Drawing Number
Project | Originator | Volume |
HE565627 - AMY - HGN -
S06 -DR-CH-433205
Location | Type | Role | Number

Suitability Suitability Description Revision
S0 Initial non-contractual code P01.1

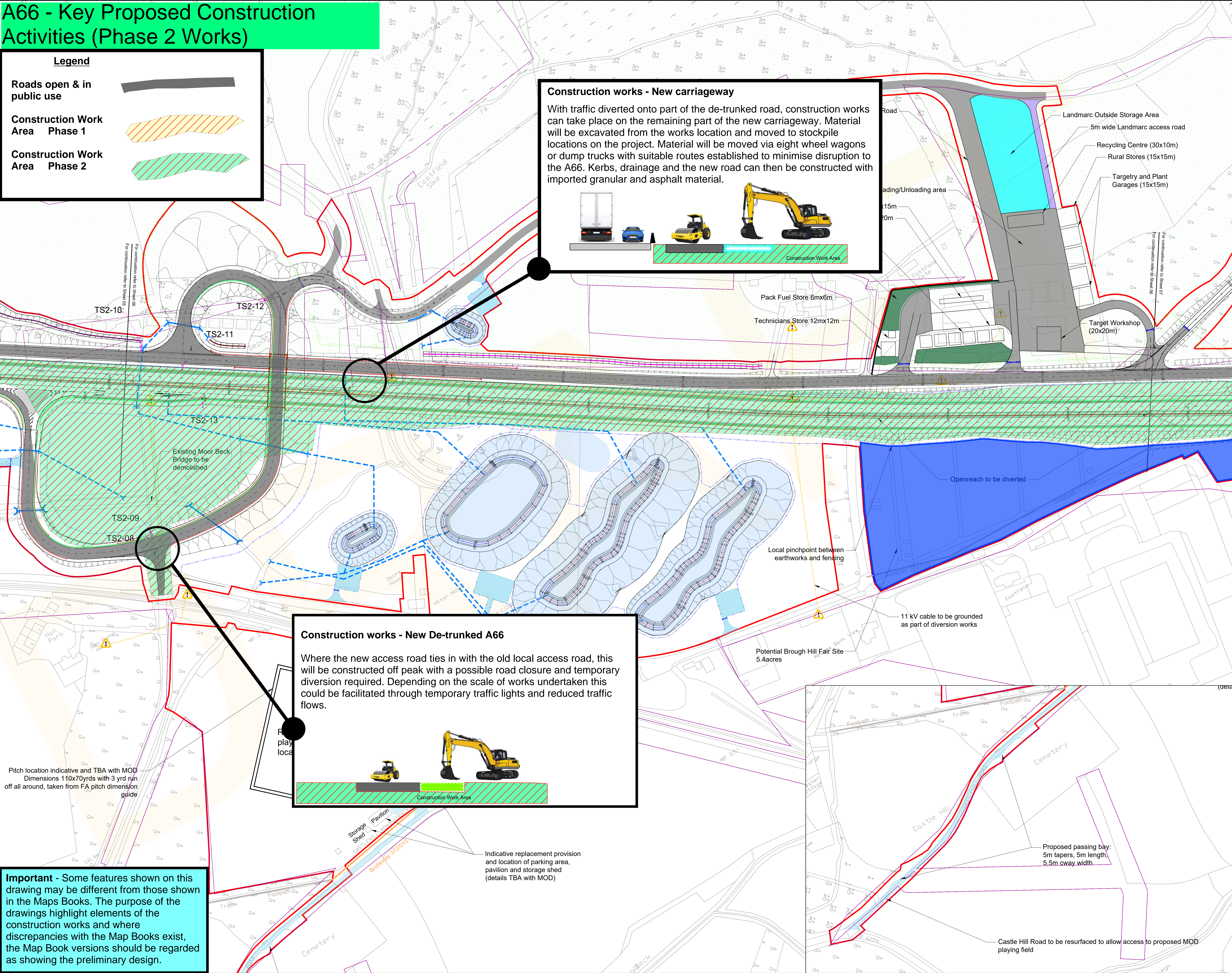
A66 - Key Proposed Construction Activities (Phase 2 Works)

Legend

Roads open & in public use

Construction Work Area Phase 1

Construction Work Area Phase 2



Construction works - New carriageway

With traffic diverted onto part of the de-trunked road, construction works can take place on the remaining part of the new carriageway. Material will be excavated from the works location and moved to stockpile locations on the project. Material will be moved via eight wheel wagons or dump trucks with suitable routes established to minimise disruption to the A66. Kerbs, drainage and the new road can then be constructed with imported granular and asphalt material.

Construction works - New De-trunked A66

Where the new access road ties in with the old local access road, this will be constructed off peak with a possible road closure and temporary diversion required. Depending on the scale of works undertaken this could be facilitated through temporary traffic lights and reduced traffic flows.

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RESIDUAL DESIGN HAZARDS
(The following information has been collected from Preconstruction Information and the Arney Arnp DJV CDM Hazard Management Process.)
1. Overhead Services.
2. Underground Services.

NOTES
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KEY
Red Line Boundary
Proposed Fence Line
Existing Layout
Proposed Layout
Highway Structure
Culvert
Cut-off drain
Earthworks
Pond
Footpath
Proposed Footpath
Abandoned Footpath
Bridleway
Proposed Bridleway
Abandoned Bridleway
Farm Track/Access
Proposed Gate
Compound Storage Locations
Paved Area
Area of Outstanding Natural Beauty
Major Overhead Services
Major Underground Services
Headwall
Pipe to Outfall
Cattle Grid
Hedge
MOD Helpaid
Proposed Vehicle Restraint System
Concrete Drainage Channel
Sign Position
Filter Drain
MOD Boundary Fence
Green Line Boundary
Potential Brough Hill Fair Site

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P01.1	---	---	---	---	---
Revision	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer
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Project Name
A66 Northern Trans-Pennine

Drawing Title
Appleby to Brough
Option 2 - (Black-Blue-Black)
General Arrangement
Sheet 6 of 10

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

Drawing Number
Project
HE565627 - AMY - HGN -
S06
Location

Originator
Volume
-DR-CH-441206
Type | Role | Number

Suitability	Suitability Description	Revision
S0	Initial non-contractual code	P01.1

A66 - Key Proposed Construction Activities (Phase 2 Works)

Legend

Roads open & in public use

Construction Work Area Phase 1

Construction Work Area Phase 2

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RESIDUAL DESIGN HAZARDS

The following information has been collected from Preconstruction information and the Arney Ansp DJV CDM Hazard Management Process.

1. Overhead Services.

2. Underground Services.

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Red Line Boundary

Proposed Fence Line

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Culvert

Cut-off drain

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Footpath

Proposed Footpath

Abandoned Footpath

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Proposed Bridleway

Abandoned Bridleway

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Proposed Gate

Compound/Storage Locations

Paved Area

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Headwall

Pipe to Outfall

Cattle Grid

Hedge

MOD Helipad

Proposed Vehicle Restraint System

Concrete Drainage Channel

Sign Position

Filter Drain

MOD Boundary Fence

Green Line Boundary

Potential Brough Hill Fair Site

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P01.1	---	---	---	---	---
Revision	Created	Checked	Reviewed	Approved	Authorised
---	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer

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Project Name
A66 Northern Trans-Pennine

Drawing Title
Appleby to Brough
Option 2 - (Black-Blue-Black)
General Arrangement
Sheet 7 of 10





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

Drawing Number	Project	Originator	Volume
HE565627 - AMY - HGN - S06			
	Location	Type	Role
			Number

Suitability	Suitability Description	Revision
S0	Initial non-contractual code	P01.1

Construction works - New carriageway



With traffic diverted onto the de-trunked section of road, construction works can take place on the remaining part of the new A66 carriageway. Material will be excavated from the works location and moved to stockpile locations on the project. Material will be moved via eight wheel wagons or dump trucks with suitable routes established to minimise disruption to the A66. Kerbs, drainage and the new road can then be constructed with imported granular and asphalt material.



Construction Work Area

Construction works - New De-trunked A66

Where the new access road ties in with the old local access road, this will be constructed off peak with a possible road closure and temporary diversion required. Depending on the scale of works undertaken this could be facilitated through temporary traffic lights and reduced traffic flows.



Construction Work Area

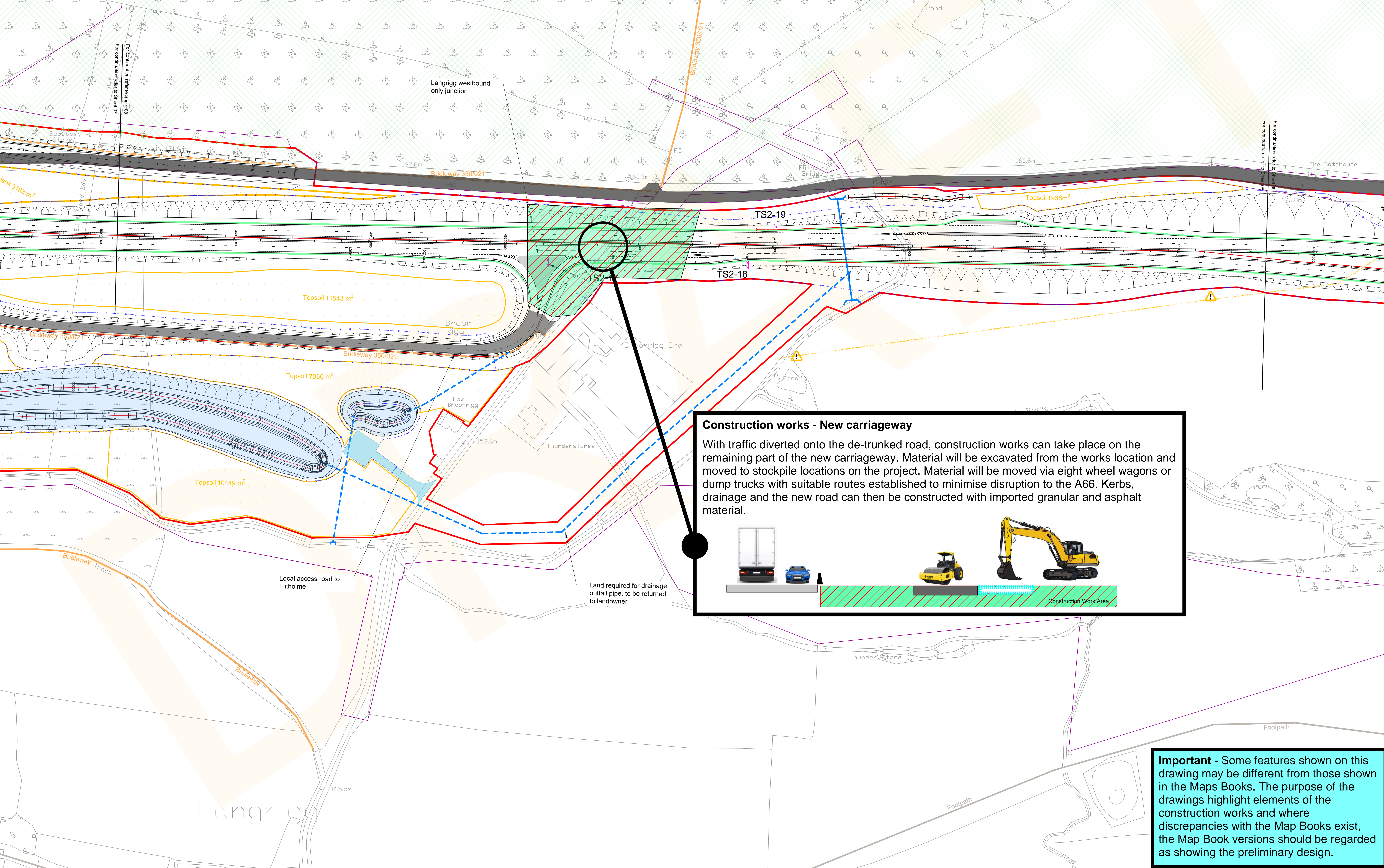
A66 - Key Proposed Construction Activities (Phase 2 Works)

Legend

Roads open & in public use

Construction Work Area Phase 1

Construction Work Area Phase 2



Construction works - New carriageway

With traffic diverted onto the de-trunked road, construction works can take place on the remaining part of the new carriageway. Material will be excavated from the works location and moved to stockpile locations on the project. Material will be moved via eight wheel wagons or dump trucks with suitable routes established to minimise disruption to the A66. Kerbs, drainage and the new road can then be constructed with imported granular and asphalt material.

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Red Line Boundary

Proposed Fence Line

Existing Layout

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Highway Structure

Culvert

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Sign Position

Filter Drain

MOD Boundary Fence

Green Line Boundary

Potential Brough Hill Fair Site

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Revision	Revision details				
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A66 NTP

Integrated Project Team

Client

3 Piccadilly Place
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highways

england

Project Name

A66 Northern Trans-Pennine

Drawing Title

Appleby to Brough
Option 2 - (Black-Blue-Black)
General Arrangement
Sheet 8 of 10

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

Drawing Number

Project | Originator | Volume

HE565627 - AMY - HGN -

S06 -DR-CH-458208

Location | Type | Role | Number

Suitability	Suitability Description	Revision
S0	Initial non-contractual code	P01.1

A66 - Key Proposed Construction Activities (Phase 2 Works)

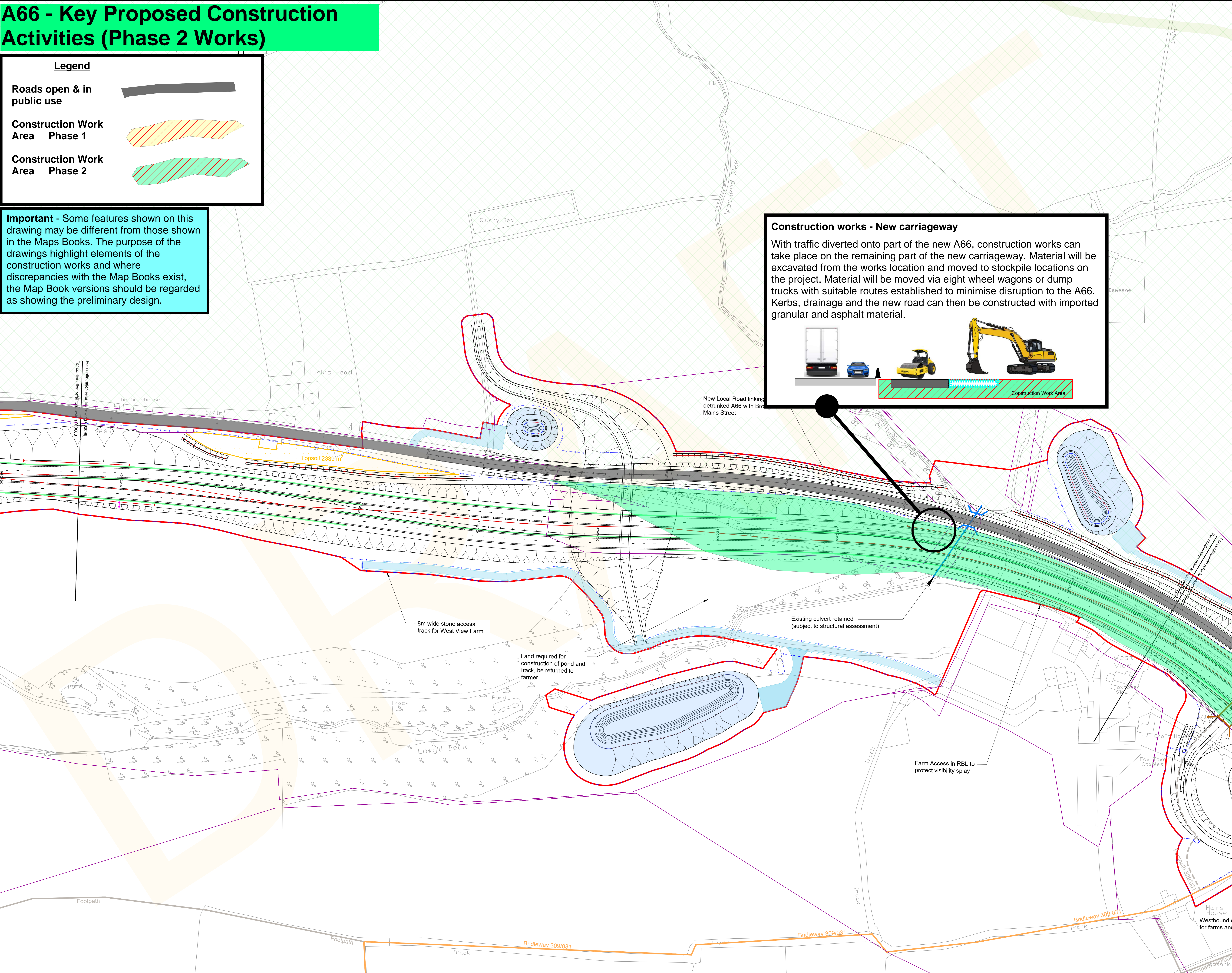
Legend

Roads open & in public use

Construction Work Area Phase 1

Construction Work Area Phase 2

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Construction works - New carriageway

With traffic diverted onto part of the new A66, construction works can take place on the remaining part of the new carriageway. Material will be excavated from the works location and moved to stockpile locations on the project. Material will be moved via eight wheel wagons or dump trucks with suitable routes established to minimise disruption to the A66. Kerbs, drainage and the new road can then be constructed with imported granular and asphalt material.

RESIDUAL DESIGN HAZARDS
(The following information has been collected from Preconstruction Information and the Amey Arup JV CDM Hazard Management Process.)

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Cattle Grid

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MOD Helpaid

Proposed Vehicle Restraint System

Concrete Drainage Channel

Sign Position

Filter Drain

MOD Boundary Fence

Green Line Boundary

Potential Brough Hill Fair Site

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---	---	---	---	---	---
P01.1	---	---	---	---	---
Revision	Created	Checked	Reviewed	Approved	Authorised
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy

Designer

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Project Name

A66 Northern Trans-Pennine

Drawing Title

Appleby to Brough
Option 2 - (Black-Blue-Black)
General Arrangement
Sheet 9 of 10

Project Ref. No.

Stage

PCF3

Scale

1:1000

@ A0

Drawing Number

Project

Originator

Volume

HE565627 - AMY - HGN - S06

-DR-CH - 467209

Suitability

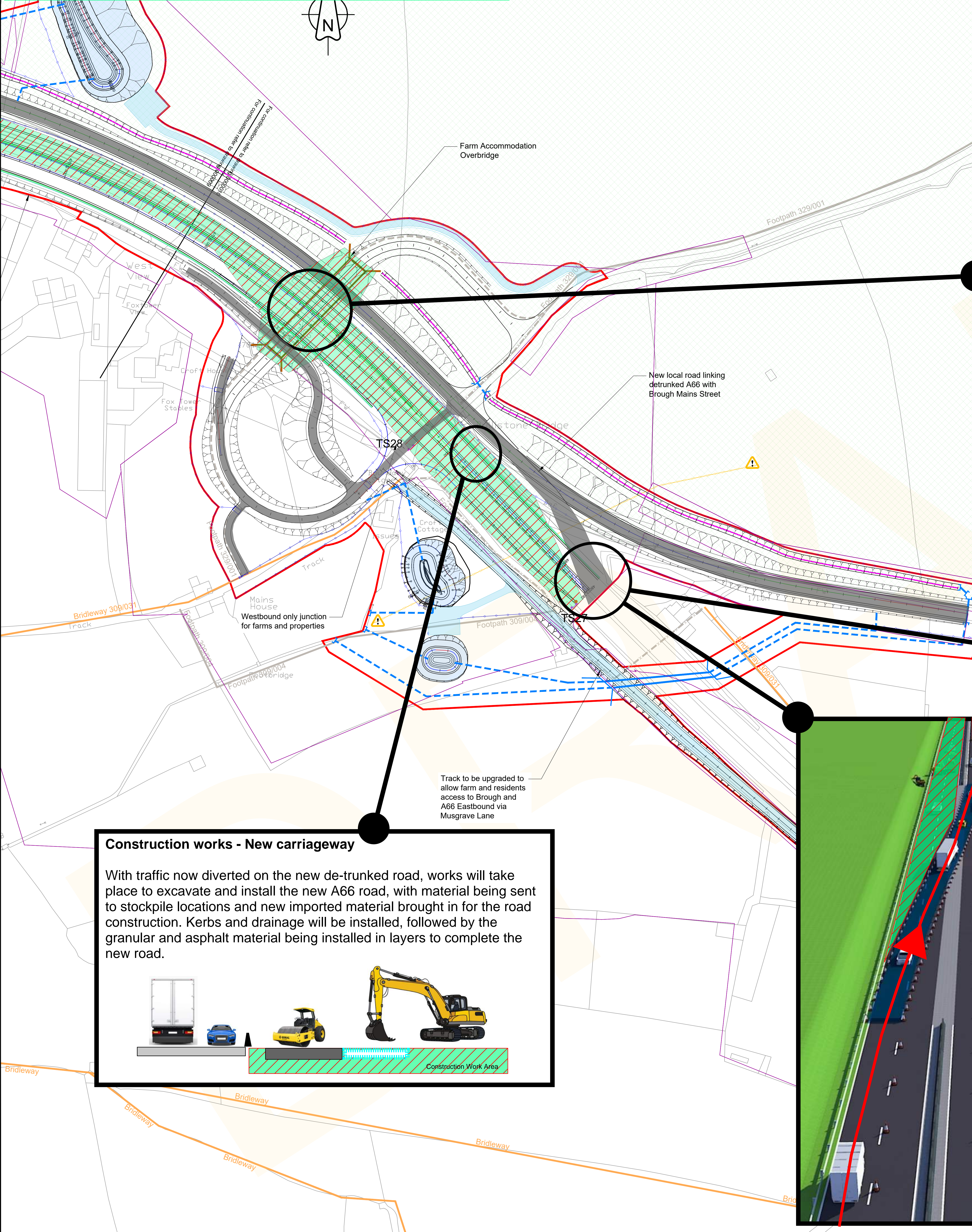
S06

Initial non-contractual code

Revision

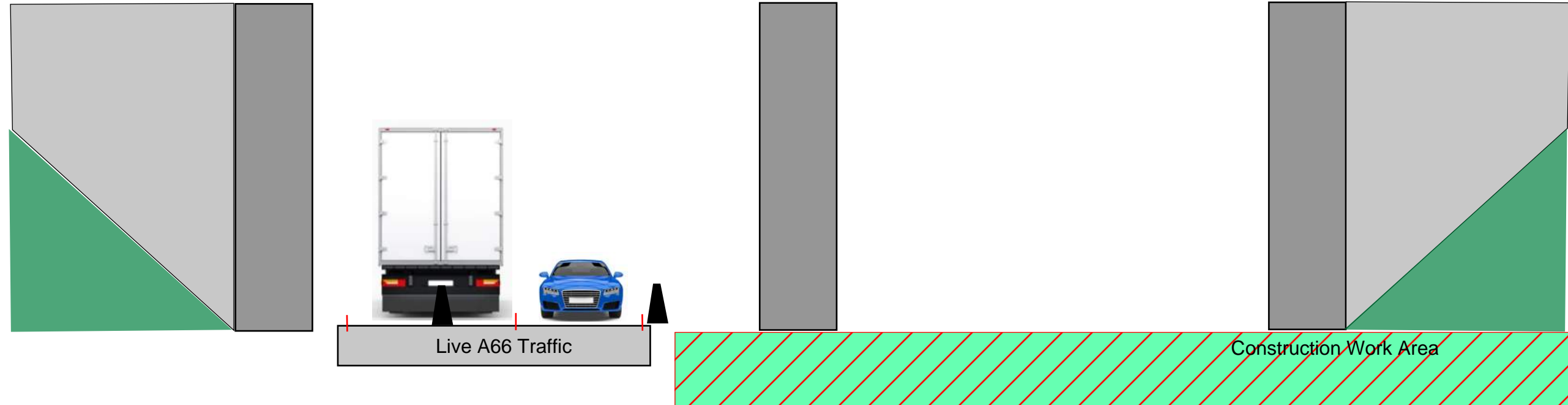
P01.1

A66 - Key Proposed Construction Activities (Phase 2 Works)

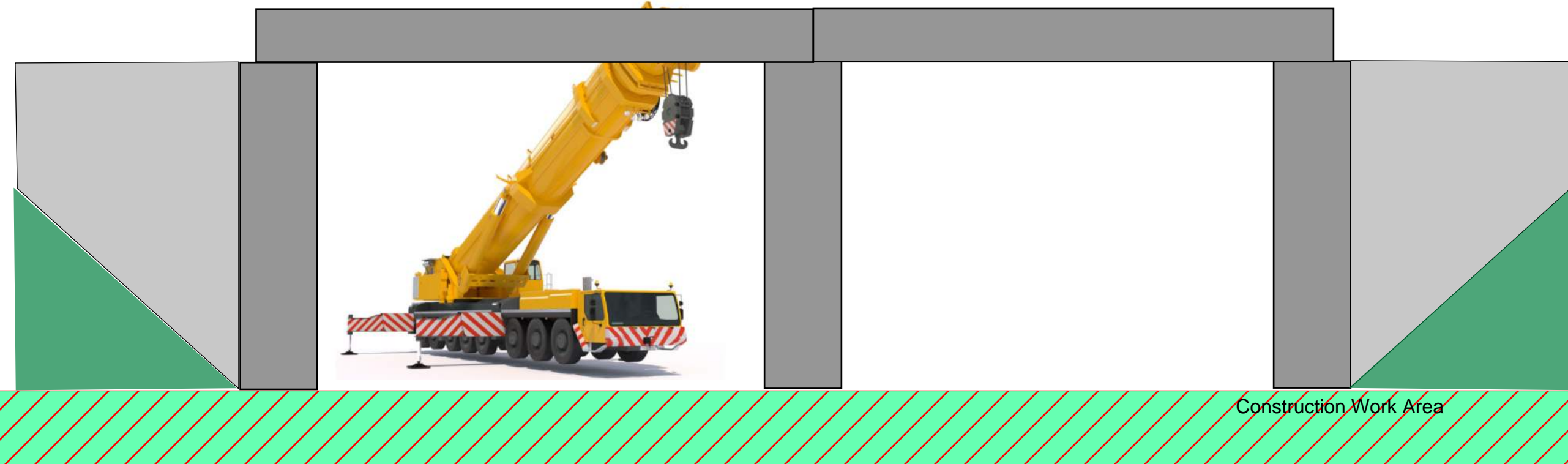


Construction works - Overbridge construction

Within the this phase of works the central pier constructed with the A66 traffic diverted onto part of the new carriageway. This will be constructed within the construction work area to minimise additional traffic management requirements.

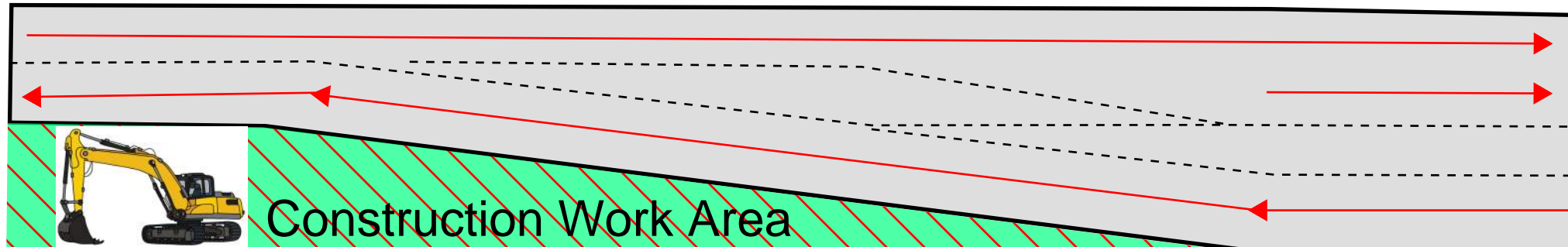


To install the bridge beams and deck, it is likely that additional traffic management will be used to complete the works in a timely and safe manner. Once key elements are in place the A66 will be reopened for traffic.



Traffic management for construction works

Traffic will be relocated and diverted to enable the A66 to remain flowing whilst the construction works take place within the traffic management area.



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Legend

Roads open & in public use

Construction Work Area Phase 1

Construction Work Area Phase 2

! RESIDUAL DESIGN HAZARDS






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

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|  | Sign Position |
|  | Filter Drain |
|  | MOD Boundary Fence |
|  | Green Line Boundary |
|  | Potential Borough Hill Fair Site |

P01.1	***	***	***	***	***	***
		***	***	***	***	***
	***	***	***	***	***	***
		***	***	***	***	***
Revision	Revision details					
	Created	Checked	Reviewed	Approved	Authorised	
	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	dd/mm/yy	

Designer
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10 Furnival Street
London, EC4A 1AB

**A66
NTP** **Integrated
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Team**

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3 Piccadilly Place
Manchester
M1 3BN



Project Name
A66 Northern Trans-Pennine

Drawing Title
Appleby to Brough
Option 2 - (Black-Blue-Black)
General Arrangement
Sheet 10 of 10

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

Drawing Number			
Project	Originator	Volume	
HE565627 -	AMY -	HGN -	
S06	-DR-CH-476010		
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S0	Initial non-contractual code	P01.1