

Understanding our Drawings

We have prepared three sets of drawings to help you understand our proposals presented at this consultation and how you may be affected by them. These sets of drawings are:

- Temporary Plan Drawings – Drawing series 133735-MWJ-Z0-XXX-DRG-CSE-000100
- Permanent Plan Drawings – Drawing series 133735-MWJ-Z0-XXX-DRG-CSE-000101
- Permanent Plan and Profile Drawings – Drawing series 133735-MWJ-Z0-XXX-DRG-CSE-000102

For each route section from Oxford to Cambridge, these drawings show the boundary of our proposed works (the Draft Order Limits) and the type of works proposed in each area. The boundary of our proposed works includes our infrastructure proposals, indicative environmental mitigation such as tree planting and habitat improvement works as well as land that would be used temporarily for construction.

Our Permanent Plan and Profile drawings also show the proposed height (vertical alignment) of our proposals.

These drawings should be read in conjunction with our consultation document which describe our proposals.

What is shown on the Drawings

The Drawings show the boundary of our proposed works at this consultation. This includes land for new infrastructure, works to existing infrastructure and associated mitigation works including environmental mitigation as well as land that would be used temporarily for construction.

The Permanent Plan Drawings and Plan and Profile Drawings includes our proposals for:

- Track alignment including earthworks, bridges, viaducts and tunnels
- Highway works
- Drainage ponds to support the above
- Proposed station locations and indicative layouts
- Indicative large rail system assets including traction power compounds and telecom compounds (smaller rail system assets are not shown but are assumed to fit within the proposed railway corridor)
- Public Rights of Way (PRoW), including where existing PRoWs are being closed/diverted
- Active travel routes
- Access including railway maintenance access and access for landowners to their retained land
- Preliminary environmental mitigation proposals

The Temporary Plan Drawings show our proposals for:

- Main compounds
- Satellite compounds
- Stock pile locations,
- Service roads
- Major utility diversions
- Access and working areas needed to construct the permanent works

How our proposals will develop

The proposals at this consultation are based on preliminary designs to give you a general understanding of our proposals and to help inform feedback to the consultation. Your feedback, along with the results of further technical assessments, environmental impact assessment and mitigation proposals, will help us refine our proposals further before we submit our DCO application.

Other Points of Note

- All dimensions are in metres.
- Background OS mapping from 2021.
- Connection Stage 1 (CS1) between Gavray Junction and Bletchley has only recently completed construction so background mapping does not yet reflect as-built records
- The proposals shown are illustrative only for consultation purposes only and will be subject to change as part of design development and could require minor amendments to the Draft Order Limits.
- This map is provided as a visual reference. Due to its complexity, it may not be fully accessible to all users.

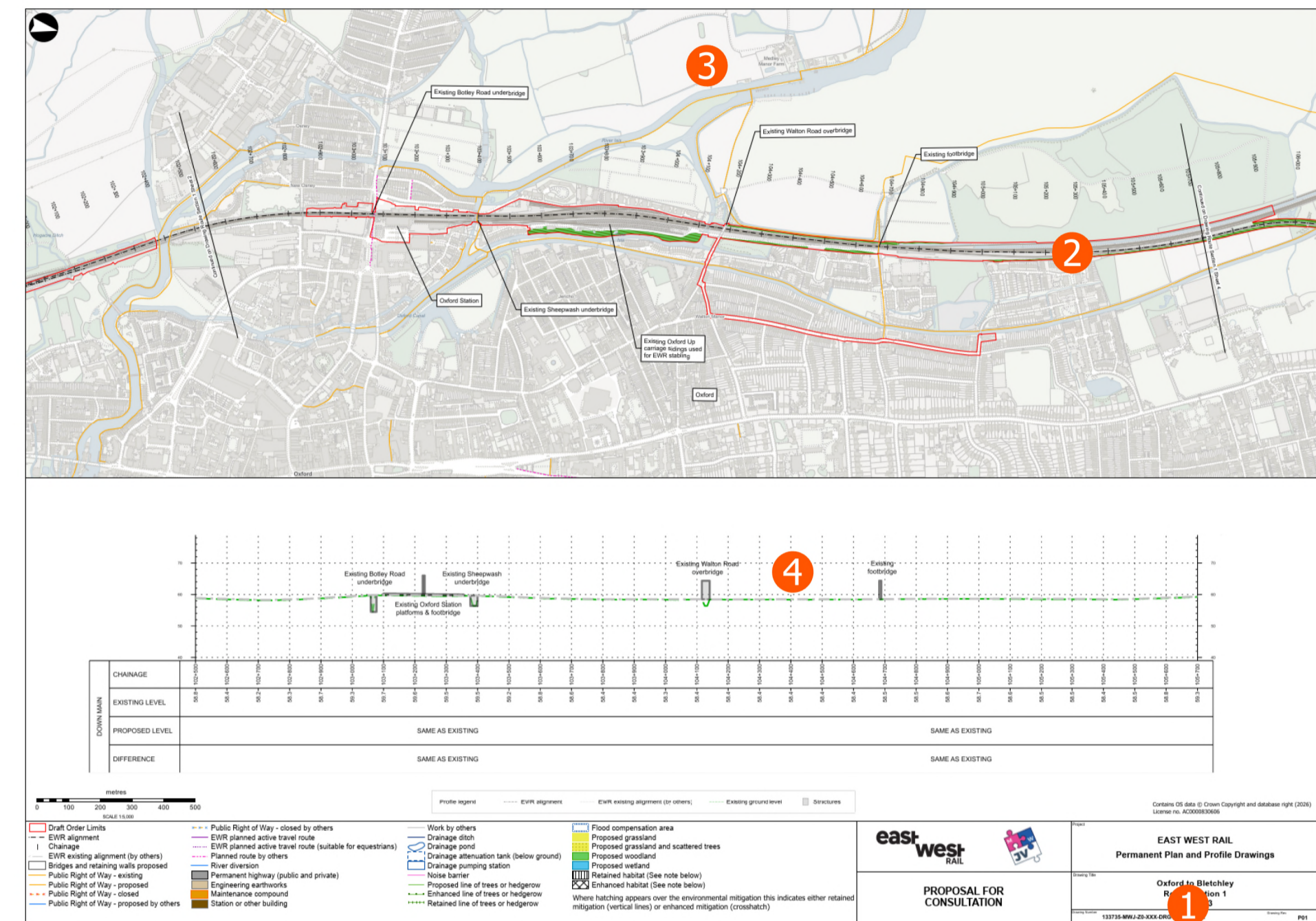
How you can use the Drawings

An example of a Plan and Profile drawing is shown below with an explanation to help you use the drawings. The same principles apply to all three sets of drawings. The numerical labels ① on the drawing correspond to the explanation below.

Our proposals are split into 8 route sections as indicated on the Drawing Map Index - 133735-MWJ-Z0-XXX-DRG-CSE-000097, 133735-MWJ-Z0-XXX-DRG-CSE-000098 and 133735-MWJ-Z0-XXX-DRG-CSE-000099. Each route section is given a different number, and within this each sheet is numbered ①.

The distance along the route section is shown using a bespoke chainage system ②. All chainages increase in a west to east direction with the first digit corresponding to the route section. For example Route Section 1 chainage starts at 100+000 and Route Section 2 chainage starts at 200+000. The distance between each chainage marker is 500 metres on the Plan drawings and 100 metres on the Plan and Profile drawings.

Each drawing shows a Plan of the area in question ③. For the Plan and Profiles we also show a profile for the same area as shown below ④. The Profile is the proposed vertical alignment of the railway relative to existing ground (to make level differences clearer to see the vertical scale is exaggerated by 10 times).

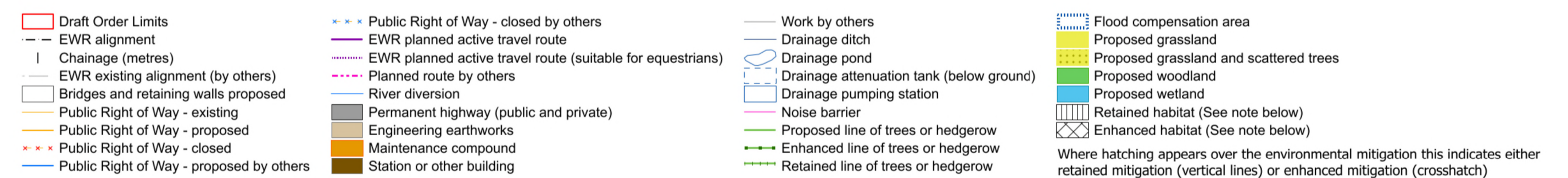


Status of the Drawings

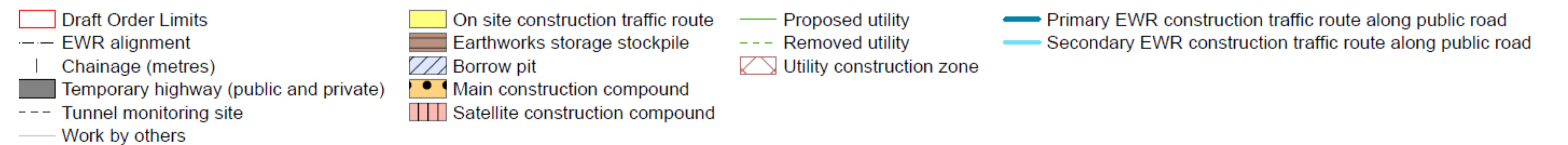
Based on ongoing design work and feedback gathered this consultation, we will further refine our proposals and define the limits in which permanent works can be constructed. These are typically known as Limits of Deviation. Limits of Deviation help provide us with the necessary flexibility to avoid unforeseen issues. This includes engineering or environmental issues that were not known at the time of the DCO application. For temporary works, such as construction activities, mitigation works or planting works, these are not subject to Limits of Deviation, but can only take place within the Draft Order Limits.

Legend Extract

An extract is provided below which indicates which assets are shown on the Plan and Profiles and Permanent Plans.



An extract is provided below which indicates which assets are shown on the Temporary Plans.



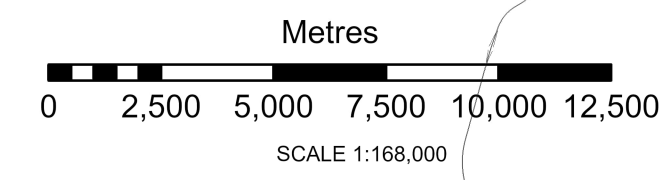
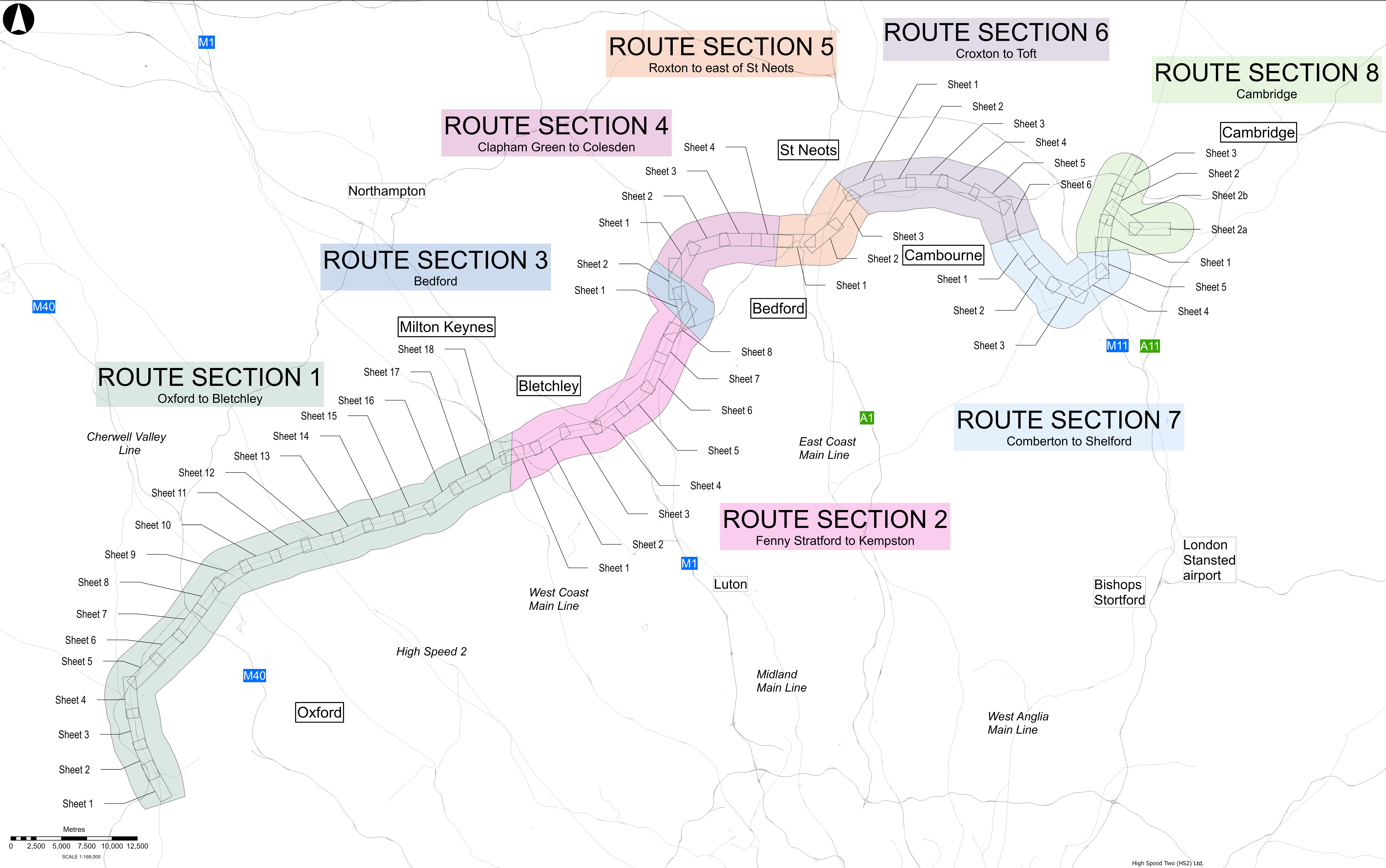
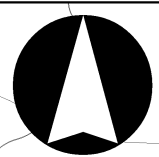
PROPOSAL FOR CONSULTATION

EAST WEST RAIL
Plan and Profile

Oxford to Cambridge
Guide to the drawings

Drawing Number 133735-MWJ-Z0-XXX-DRG-CSE-000096

Drawing Rev P02



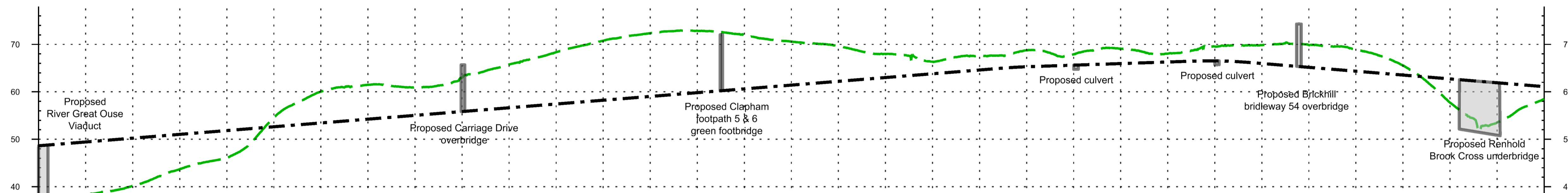
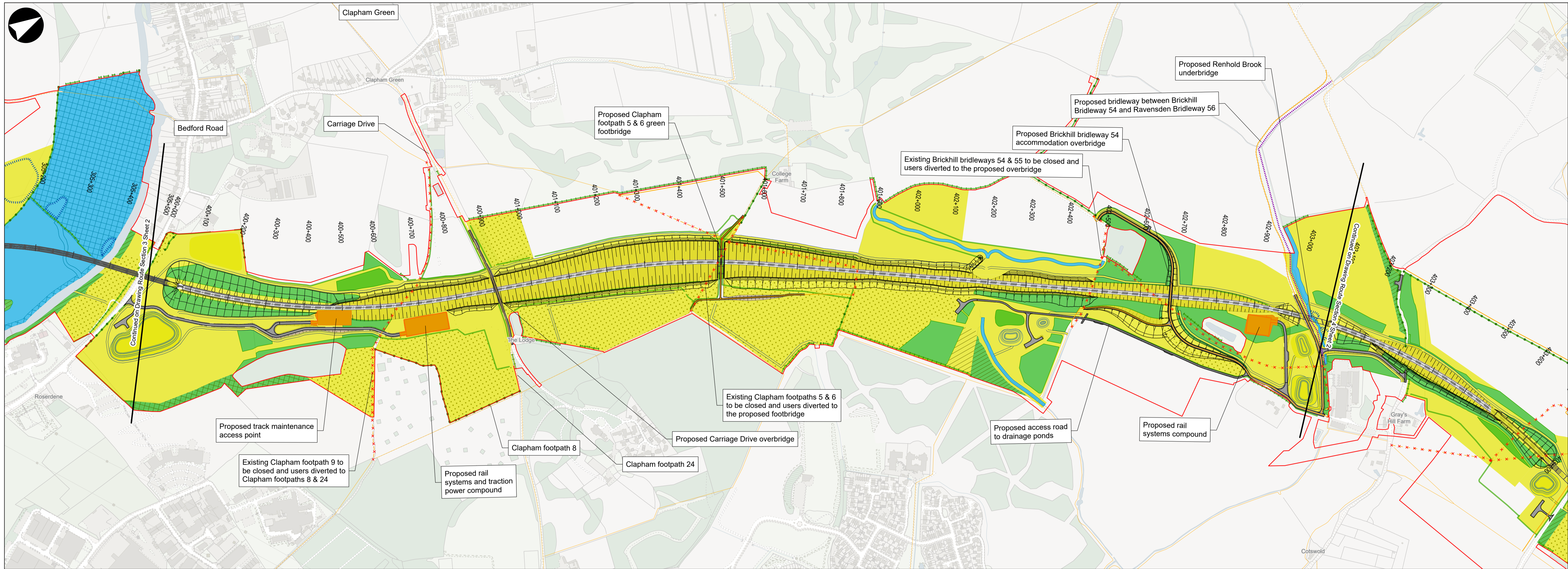
High Speed Two (HS2) Ltd.



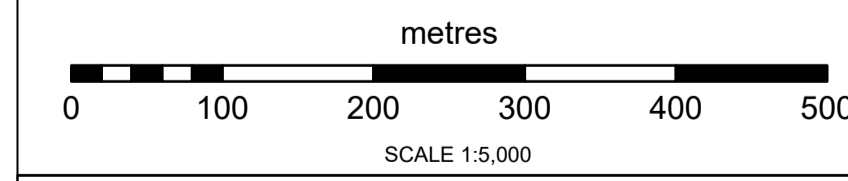
Project
EAST WEST RAIL

PROPOSAL FOR CONSULTATION

Plan and Profile Map Index



DOWN MAIN	CHAINAGE	400+000	400+100	400+200	400+300	400+400	400+500	400+600	400+700	400+800	400+900	401+000	401+100	401+200	401+300	401+400	401+500	401+600	401+700	401+800	401+900	402+000	402+100	402+200	402+300	402+400	402+500	402+600	402+700	402+800	402+900	403+000	403+100	403+200
	EXISTING LEVEL	36.5	38.2	40.2	43.7	46.1	54.6	60.1	61.5	60.9	63.1	65.8	68.4	70.8	72.4	72.9	71.9	70.6	69.6	68.0	66.4	67.9	69.1	68.8	67.9	66.3	69.9	69.9	68.9	65.6	57.8	53.6	56.5	
	PROPOSED LEVEL	48.6	49.4	50.2	51.0	51.8	52.6	53.4	54.2	55.0	55.8	56.6	57.4	58.2	59.0	59.8	60.6	61.4	62.2	63.0	63.8	64.6	65.3	65.6	66.0	66.3	66.5	66.0	65.2	64.3	63.5	62.7	61.9	61.1
	DIFFERENCE	12.1	11.2	10.1	7.3	5.8	-2.0	-6.6	-7.3	-5.9	-7.3	-9.1	-10.9	-12.6	-13.4	-13.1	-11.3	-9.2	-7.4	-5.0	-2.6	-3.0	-3.5	-2.3	-3.2	-1.8	-3.1	-4.0	-4.7	-4.6	-2.0	4.9	8.3	2.6



- Profile legend**
- EWR alignment
 - EWR existing alignment (by others)
 - Existing ground level
 - █ Structures
- Red dashed line: Draft Order Limits
 - Black dashed line: EWR alignment
 - Black solid line: Chainage
 - Grey dashed line: EWR existing alignment (by others)
 - Black outline: Bridges and retaining walls proposed
 - Yellow outline: Public Right of Way - existing
 - Orange outline: Public Right of Way - proposed
 - Red dashed line: Public Right of Way - closed
 - Blue outline: Public Right of Way - proposed by others
 - Blue dashed line: Public Right of Way - closed by others
 - Green dashed line: EWR planned active travel route
 - Red dashed line: EWR planned active travel route (suitable for equestrians)
 - Blue dashed line: Planned route by others
 - Blue solid line: River diversion
 - Grey solid line: Permanent highway (public and private)
 - Orange solid line: Engineering earthworks
 - Yellow solid line: Maintenance compound
 - Black solid line: Station or other building
 - Blue dashed line: Work by others
 - Blue dashed line: Drainage ditch
 - Blue dashed line: Drainage pond
 - Blue dashed line: Drainage attenuation tank (below ground)
 - Blue dashed line: Drainage pumping station
 - Blue dashed line: Noise barrier
 - Green dashed line: Proposed line of trees or hedgerow
 - Red dashed line: Enhanced line of trees or hedgerow
 - Green dashed line: Retained line of trees or hedgerow
 - Blue dashed line: Flood compensation area
 - Yellow dashed line: Proposed grassland
 - Green dashed line: Proposed grassland and scattered trees
 - Green dashed line: Proposed woodland
 - Blue dashed line: Proposed wetland
 - Blue dashed line: Retained habitat (See note below)
 - Blue dashed line: Enhanced habitat (See note below)
- Where hatching appears over the environmental mitigation this indicates either retained mitigation (vertical lines) or enhanced mitigation (crosshatch)



PROPOSAL FOR CONSULTATION

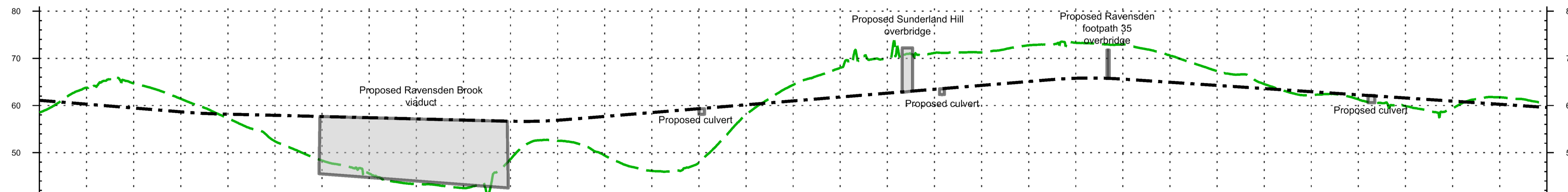
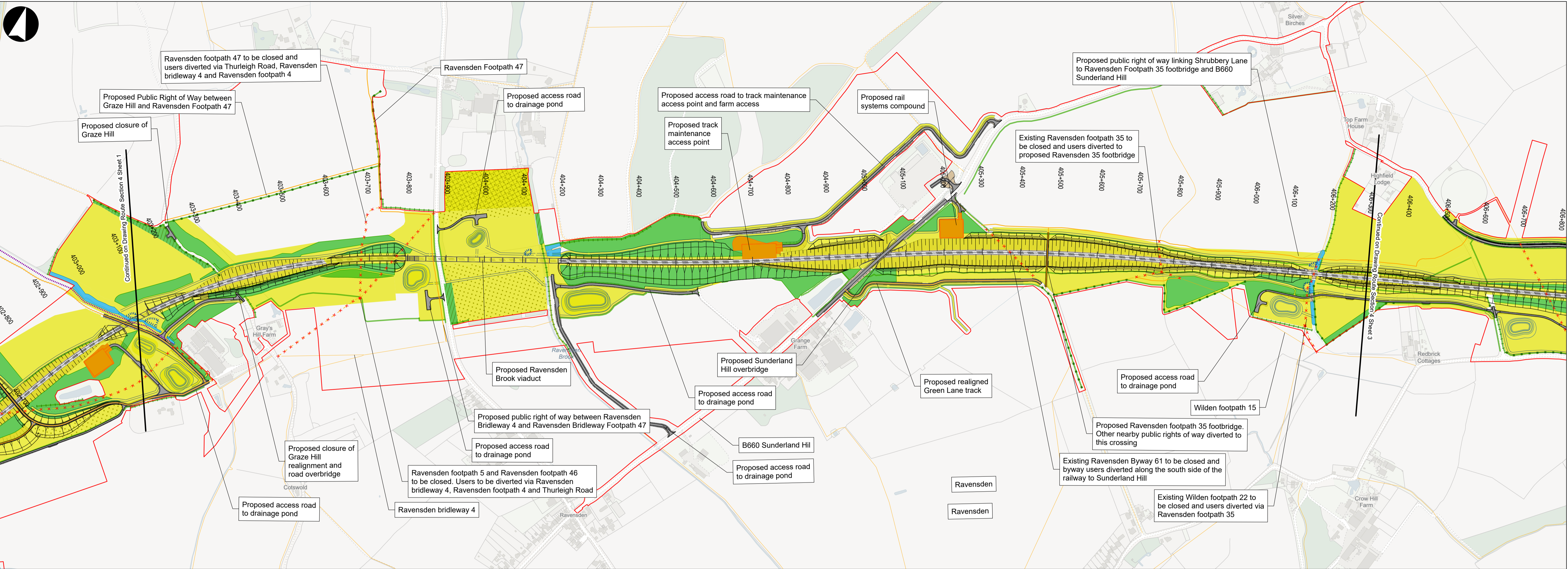
Project
EAST WEST RAIL
Permanent Plan and Profile Drawings

Drawing Title
Clapham Green to Colesden
Route Section 4
Sheet 01

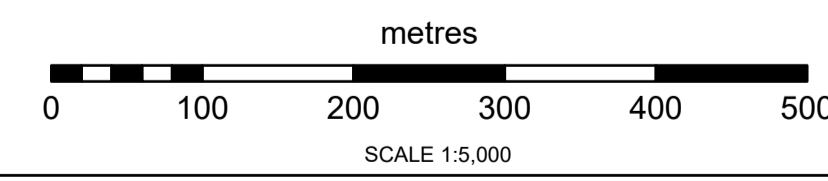
Drawing Number
133735-MWJ-Z0-XXX-DRG-CSE-000102

Drawing Rev
P02

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	EXISTING LEVEL	58.5	63.8	64.7	61.5	57.3	52.4	48.3	45.6	43.4	42.5	48.6	52.5	49.5	46.2	48.0	58.1	64.4	66.0	70.1	71.2	71.3	72.8	73.3	73.0	70.7	67.3	64.6	62.3	61.4	59.9	59.5	61.8	60.4
	PROPOSED LEVEL	61.1	60.3	59.5	58.7	58.2	57.9	57.7	57.4	57.2	56.9	56.7	56.9	57.7	58.5	59.3	60.2	61.0	61.8	62.6	63.4	64.3	65.1	65.8	65.6	64.9	64.3	63.6	62.9	62.3	61.6	60.9	60.3	59.6
	DIFFERENCE	2.6	-3.5	-5.2	-2.8	0.8	5.5	9.3	11.8	13.7	14.4	8.0	4.3	8.2	12.3	11.4	2.1	-3.4	-6.2	-7.5	-7.8	-7.1	-7.8	-7.5	-7.4	-5.7	-3.1	-1.1	0.7	0.9	1.6	1.4	-1.6	-0.8



- Profile legend**
- EWR alignment
 - EWR existing alignment (by others)
 - Existing ground level
 - █ Structures
- Legend**
- Red dashed line: Draft Order Limits
 - Black dashed line: EWR alignment
 - Vertical line: Chainage
 - Grey line: EWR existing alignment (by others)
 - Grey rectangle: Bridges and retaining walls proposed
 - Yellow rectangle: Public Right of Way - existing
 - Orange rectangle: Public Right of Way - proposed
 - Red rectangle: Public Right of Way - closed
 - Blue rectangle: Public Right of Way - proposed by others
 - Blue dashed line: Public Right of Way - closed by others
 - Blue solid line: EWR planned active travel route
 - Blue dotted line: EWR planned active travel route (suitable for equestrians)
 - Blue dashed line: Planned route by others
 - Blue solid line: River diversion
 - Grey rectangle: Permanent highway (public and private)
 - Grey rectangle: Engineering earthworks
 - Orange rectangle: Maintenance compound
 - Brown rectangle: Station or other building
 - Blue line: Work by others
 - Blue line: Drainage ditch
 - Blue line: Drainage pond
 - Blue line: Drainage attenuation tank (below ground)
 - Blue line: Drainage pumping station
 - Blue line: Noise barrier
 - Green line: Proposed line of trees or hedgerow
 - Green line: Enhanced line of trees or hedgerow
 - Green line: Retained line of trees or hedgerow
 - Blue hatched area: Flood compensation area
 - Yellow hatched area: Proposed grassland
 - Green hatched area: Proposed grassland and scattered trees
 - Green hatched area: Proposed woodland
 - Blue hatched area: Proposed wetland
 - Blue hatched area: Retained habitat (See note below)
 - Blue hatched area: Enhanced habitat (See note below)
- Where hatching appears over the environmental mitigation this indicates either retained mitigation (vertical lines) or enhanced mitigation (crosshatch)

east west RAIL

PROPOSAL FOR CONSULTATION

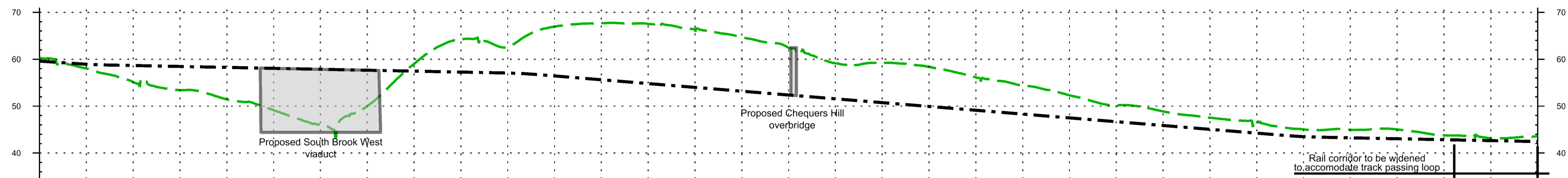
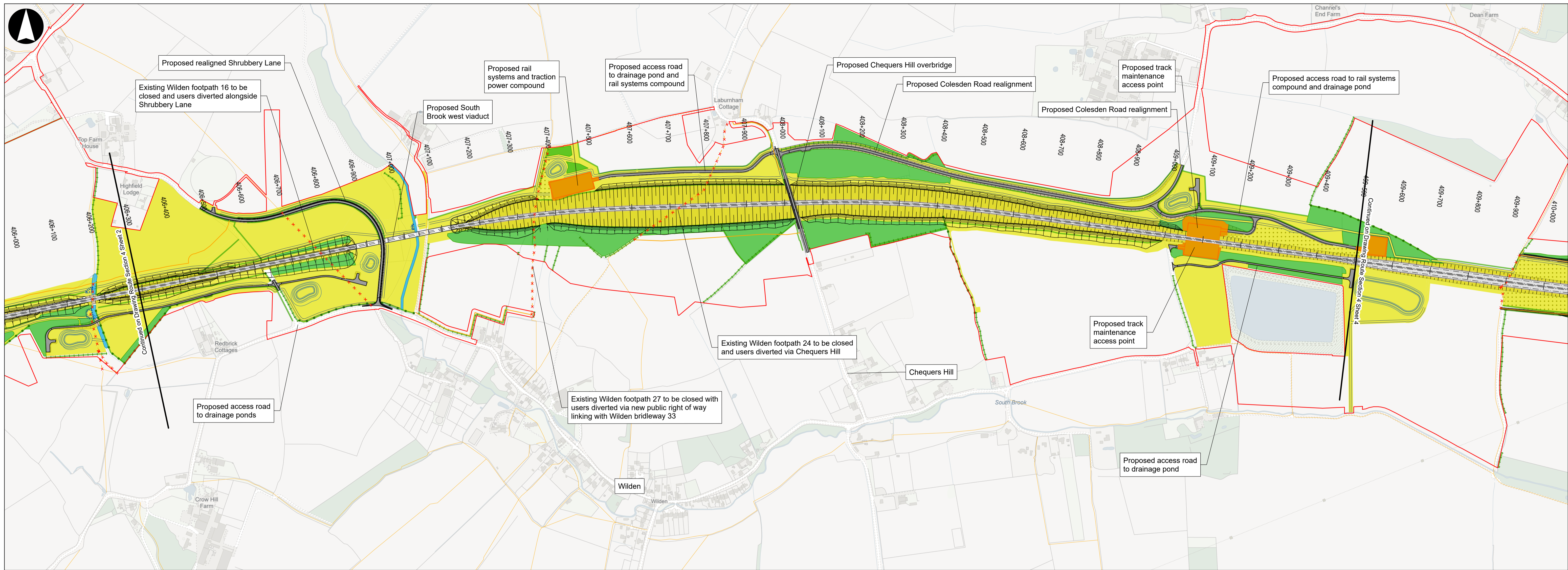
Project: **EAST WEST RAIL**
Permanent Plan and Profile Drawings

Drawing Title: **Clapham Green to Colesden**
Route Section 4
Sheet 02

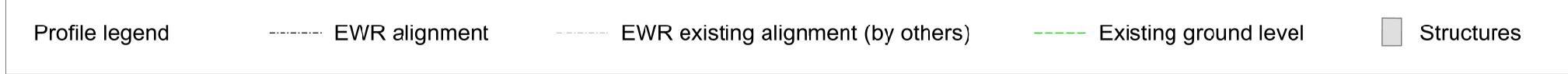
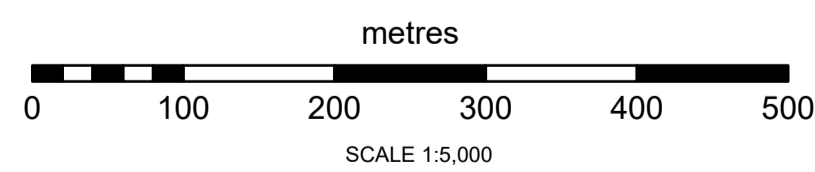
Drawing Number: **133735-MWJ-Z0-XXX-DRG-CSE-000102**

Page: **P02**

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DOWN MAIN	CHAINAGE	406+400	406+500	406+600	406+700	406+800	406+900	407+000	407+100	407+200	407+300	407+400	407+500	407+600	407+700	407+800	408+000	408+100	408+200	408+300	408+400	408+500	408+600	408+700	408+800	408+900	409+000	409+100	409+200	409+300	409+400	409+500	409+600	
	EXISTING LEVEL	60.4	58.0	55.2	53.4	51.5	49.2	46.1	50.1	59.0	64.2	62.6	66.9	67.7	67.5	66.3	64.7	62.5	59.1	59.1	58.4	56.1	54.4	52.3	50.1	48.9	47.6	46.8	45.0	45.0	45.0	43.8	43.2	43.6
	PROPOSED LEVEL	59.6	58.9	58.7	58.5	58.3	58.1	57.9	57.7	57.5	57.3	57.1	56.4	55.6	54.8	54.0	53.2	52.4	51.6	50.7	49.9	49.1	48.3	47.5	46.7	45.9	45.1	44.2	43.5	43.2	43.0	42.8	42.6	42.4
	DIFFERENCE	-0.8	0.9	3.4	5.0	6.8	8.9	11.8	7.6	-1.6	-7.0	-5.6	-10.5	-12.1	-12.7	-12.3	-11.6	-10.1	-7.5	-8.4	-8.4	-7.0	-6.0	-4.8	-3.5	-3.0	-2.5	-2.6	-1.6	-1.7	-2.0	-0.9	-0.6	-1.1



- Draft Order Limits
- EWR alignment
- EWR existing alignment (by others)
- Chainage
- EWR planned active travel route (suitable for equestrians)
- EWR planned active travel route
- Public Right of Way - existing
- Public Right of Way - proposed
- Public Right of Way - closed
- Public Right of Way - proposed by others
- Public Right of Way - closed by others
- River diversion
- Permanent highway (public and private)
- Engineering earthworks
- Maintenance compound
- Station or other building
- Work by others
- Drainage ditch
- Drainage pond
- Drainage attenuation tank (below ground)
- Drainage pumping station
- Noise barrier
- Proposed line of trees or hedgerow
- Enhanced line of trees or hedgerow
- Retained line of trees or hedgerow
- Flood compensation area
- Proposed grassland
- Proposed grassland and scattered trees
- Proposed woodland
- Proposed wetland
- Retained habitat (See note below)
- Enhanced habitat (See note below)

Where hatching appears over the environmental mitigation this indicates either retained mitigation (vertical lines) or enhanced mitigation (crosshatch)

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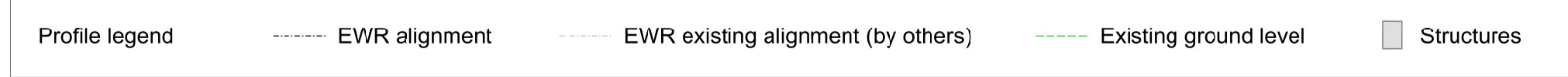
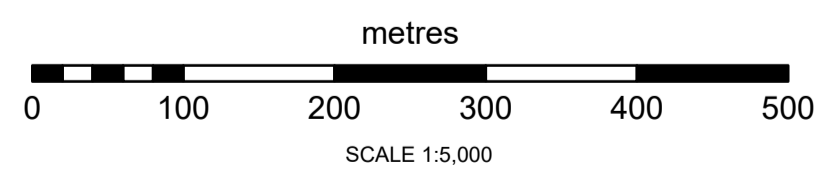
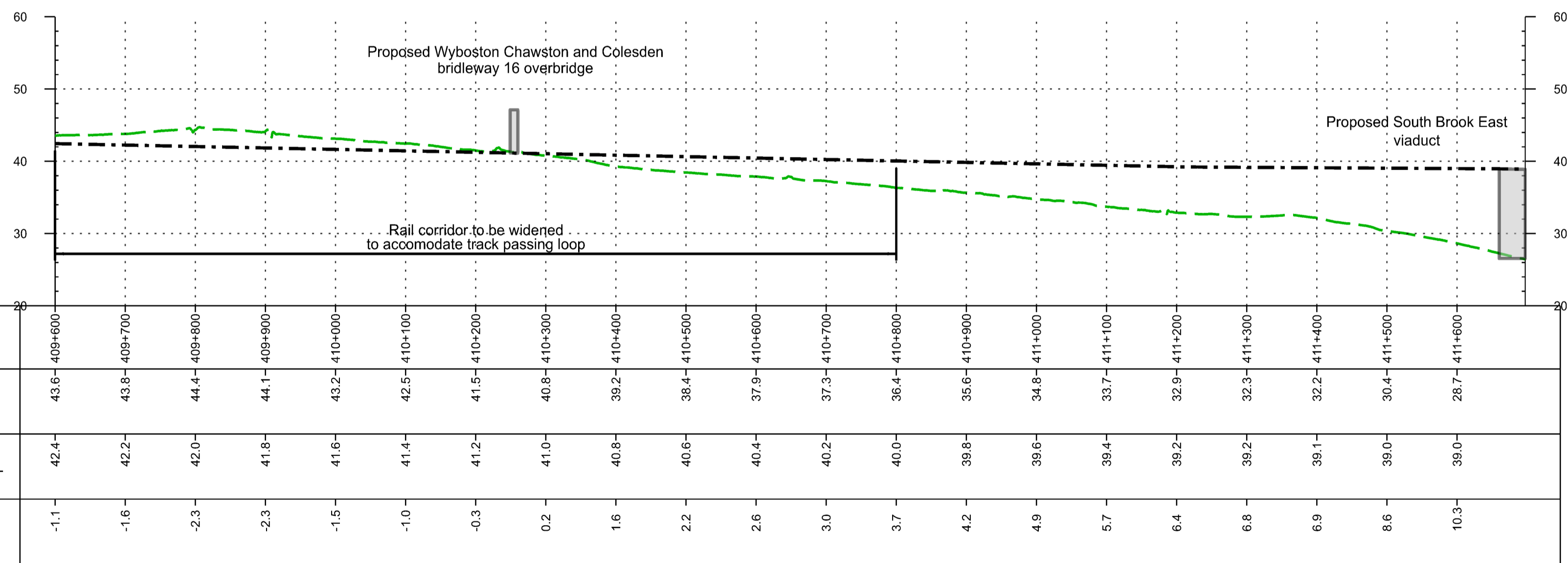
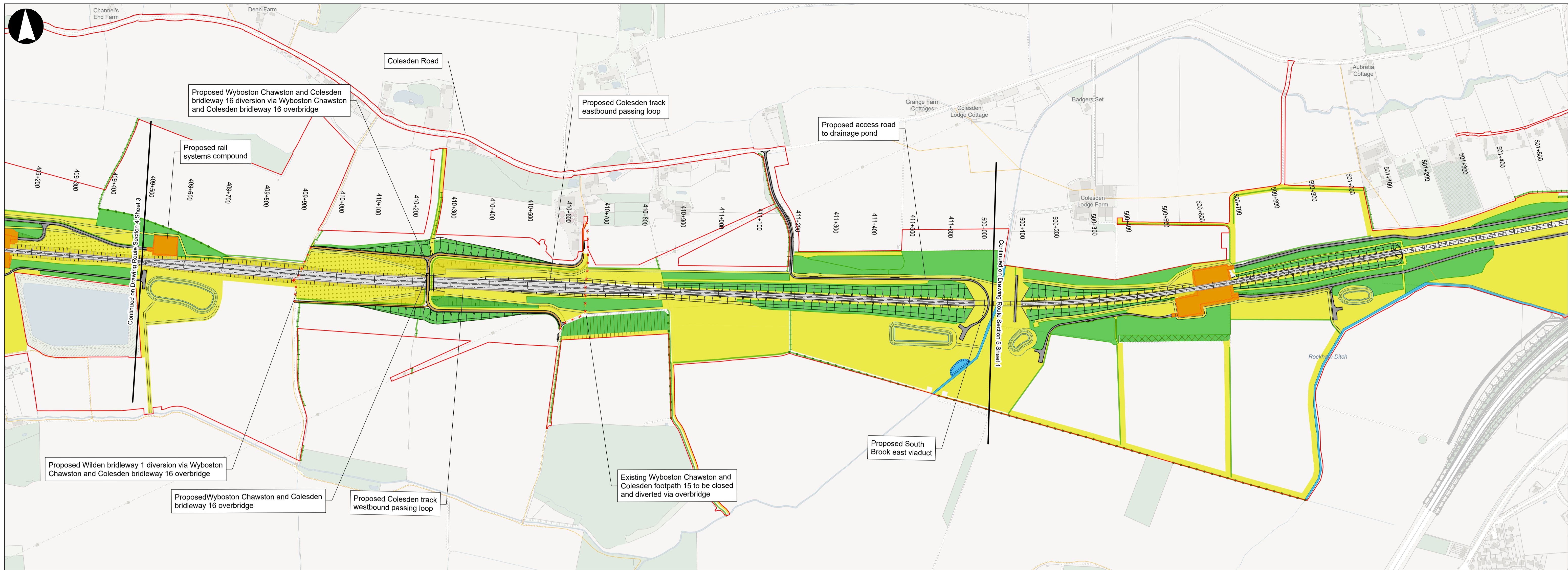


PROPOSAL FOR CONSULTATION

EAST WEST RAIL
Permanent Plan and Profile Drawings

Clapham Green to Colesden
Route Section 4
Sheet 03

Project	EAST WEST RAIL	
Drawing Title	Clapham Green to Colesden Route Section 4 Sheet 03	
Drawing Number	133735-MWJ-Z0-XXX-DRG-CSE-000102	Drawing Rev
		P02



- Draft Order Limits
- EWR alignment
- Chainage
- EWR existing alignment (by others)
- Bridges and retaining walls proposed
- Public Right of Way - existing
- Public Right of Way - proposed
- Public Right of Way - closed
- Public Right of Way - proposed by others
- x Public Right of Way - closed by others
- EWR planned active travel route
- - - EWR planned active travel route (suitable for equestrians)
- - - Planned route by others
- River diversion
- Permanent highway (public and private)
- Engineering earthworks
- Maintenance compound
- Station or other building

- Work by others
 - Drainage ditch
 - Drainage pond
 - Drainage attenuation tank (below ground)
 - Drainage pumping station
 - Noise barrier
 - Proposed line of trees or hedgerow
 - Enhanced line of trees or hedgerow
 - Retained line of trees or hedgerow
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 - Proposed grassland
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PROPOSAL FOR CONSULTATION

**EAST WEST RAIL
Permanent Plan and Profile Drawings**

**Clapham Green to Colesden
Route Section 4
Sheet 04**