

Application for East West Rail Phase 2 Protective Provisions Approval

Fields in Pale Blue are Mandatory

Approving authority

Oxfordshire County Council

Consent Register ID (list all being applied for in this package) – One row per asset ID	Category	Is this a Standard case? (Yes/No)	Easting	Northing	Approving Authority Reference
WAD467	Drainage Rail	No	463159.8616	224019.7047	
WAD469	Drainage Rail	No	463149.8023	223982.1837	



Part A - Contact Details & Supporting Information

Company Details

Network Rail Infrastructure Ltd
1 Eversholt Street
London
NW1 2DN

Contact details of the applicant

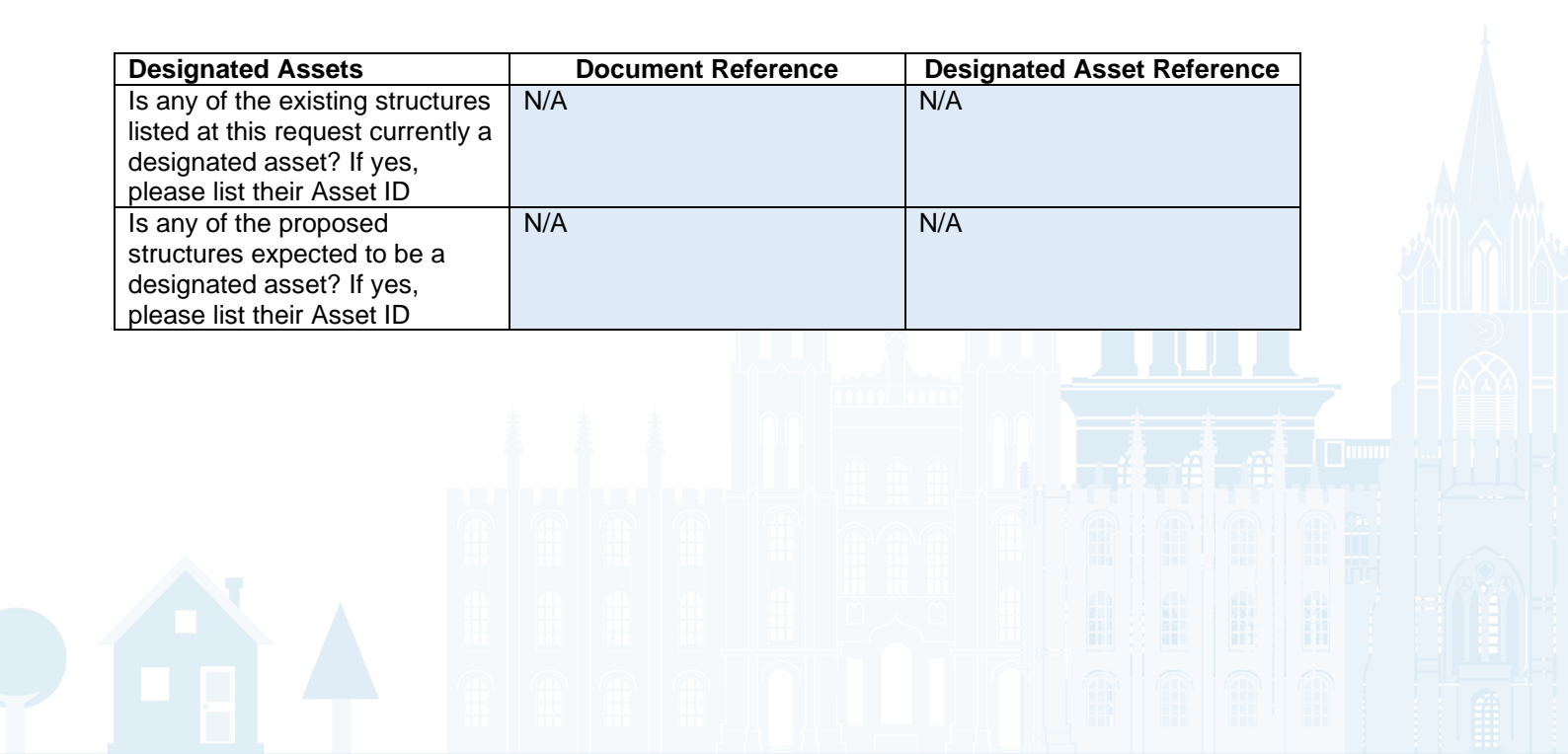
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Consent specific documents			
Document / Drawing Name	Applicable (Y/N)	Document Reference	Are these standard detail / method statements (Yes/No)
Location plan(s)	Y	133735_2A-EWR-OXD-XX-MR-000022	No
General Arrangement Drawing(s)	Y	133735_2A-EWR-OXD-XX-DR-DR-000014_B01 133735_2A-EWR-OXD-XX-DR-DR-000015_B01 133735_2A-EWR-OXD-XX-DR-DR-000016_B01 133735_2A-EWR-OXD-XX-DR-DR-000017_C01.01	No
Long section(s)	N	NA	No
Construction method statement	Y	133735-EWR-CNT-DEL-000002	Yes
Hydraulic assessment	Y	133735_2A-EWR-OXD-XX-RP-DC-000003 133735_2A-EWR-OXD-XX-MR-000009	No
Inspection and Maintenance Plan for Drainage and Culverts	Y	133735-EWR-FRM-EDR-000015	Yes

Details of relevant scheme documents including 3rd party agreements.	Document Reference
Transport and Works Act Order (TWAO)	The Network Rail (East West Rail) (Bicester to Bedford Improvements) Transport and Works Act Order 2020

Designated Assets	Document Reference	Designated Asset Reference
Is any of the existing structures listed at this request currently a designated asset? If yes, please list their Asset ID	N/A	N/A
Is any of the proposed structures expected to be a designated asset? If yes, please list their Asset ID	N/A	N/A



Part B - Details Relating to Flood Risk Activities

Please provide a detailed description of where the activities will take place

This application is for the consent to outfall flows from railway drainage system to an unnamed ordinary watercourse that falls under Buckinghamshire Council; the watercourse crosses under the railway (north to south) via Culvert C160550. Works to this culvert are not part of this submission.

The watercourse is located approximately 480m east of Bicester Road and approximately 1.8km north west of Marsh Gibbon village.

Drainage networks included in this batch are 2A2_14, & 2A2_15. These are shown in Drawing no: 133735_2A-EWR-OXD-XX-DR-DR-0000014, 133735_2A-EWR-OXD-XX-DR-DR-0000015, 133735_2A-EWR-OXD-XX-DR-DR-0000016, & 133735_2A-EWR-OXD-XX-DR-DR-0000017 respectively. All the above networks have outfalls to the same ordinary watercourse at different locations.

The catchment area contributing to this flow consists of ballasted track area, embankment slopes and adjacent agricultural and greenfield land to the North and South of the track. The surrounding catchment is predominantly agricultural land on both sides of the rail corridor. As per Environment Agency UK Flood Map, the track area along this lies within Flood Zone 1 and has a low to medium probability of surface water flooding.

Please give us the Ordnance Survey National Grid Reference for the site.

for example, ST 12345 67890

SP 63160 24020

For activities that take place over a stretch of the watercourse, rather than in one particular place, please provide an upstream and downstream grid reference (NGR) i.e. Watercourse realignments.

For multiple location please enclose a location list and select multiple locations below

Multiple Locations (Yes/No)	Yes
2A2_14-OF	SP 63160 24020
2A2_15-OF	SP 63150 23982
Single location Grid Reference:	
Grid Reference	NA

What is the name of the watercourse? (if unnamed state what watercourse it is a tributary of)	Unnamed – Tributary of River Ray
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Has a detailed site plan been included within this application?

Document Name / Reference	133735_2A-EWR-OXD-XX-DR-DR-000014_B01 133735_2A-EWR-OXD-XX-DR-DR-000015_B01 133735_2A-EWR-OXD-XX-DR-DR-000016_B01 133735_2A-EWR-OXD-XX-DR-DR-000017_C01.01
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Please provide a detailed description of the activities you propose and how you intend to undertake them

This consent application covers the discharge of surface water collected as part of the Land & Track Drainage proposal based on the proposed earthworks solutions for the track corridor. This location consists of high embankment with approximate height of 4m.

For network 2A2-14, drainage is proposed via over the edge and rainfall will infiltrate through the ballast surface to the track formation which will direct runoff to the edge of the embankment before running down the embankment into land drainage ditches adjacent to the railway embankments. The land drainage ditch connects to an existing watercourse through an open channel connection. The proposed land drainage is proposed either as trapezoidal or V-ditch depending on the volume of flow and the available space between fence line & toe of embankment. Any excavation greater than 1m is proposed to be tied into the existing ground with 1:3 slope.

For network 2A2-15, drainage is proposed in the track corridor to replace the existing drainage system and flow is restricted to the existing runoff rates before discharging into an existing unnamed watercourse at the downstream of Culvert C160550. Track drainage pipes (300mm – 450mm maximum) are proposed to be filter drains laid on an infiltration trench filled with filter medium connected to the formation of the track-bed thus helping to drain the track corridor.

The Land Drainage network discharges into the downstream of culvert C160550 through an open channel connection.

When will the activities be started and completed by?

Asset ID	Start Date	End Date
WAD467	03-Aug-21	09-Nov-21
WAD469	03-Aug-21	09-Nov-21

Is this an application for permanent works, temporary works or both?

Permanent

If temporary, for how long

NA