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Our Ref
PRM-IOP-0293

EIN Number
UK/61/2019/0006

Date - 23rd
August 2019

Contact: Luisa Freitas
Civil Engineer
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Dear Jane,

THE RAILWAYS (INTEROPERABILITY) REGULATIONS 2011, AS AMENDED
AP33 FILTON BANK 4-TRACKING PROJECT

I refer to your application for authorisation received on 15th August 2019. Following review of your application I can confirm that ORR grants authorisation under Regulation 4(1)(a) of the Railways (Interoperability) Regulations 2011, as amended. This authorisation is for the placing in service of AP33 Filton Bank 4-Tracking Project, defined by the following limits:

INF TSI (Track works)

Line	Mileage Boundaries				Track ID	Scope of Works
	Start		End			
	Miles	Yards	Miles	Yards		
Filton Up Relief	0	1663	2	1328	1200	No Works
Filton Up Relief	2	1328	2	1386	1200	Plain Line Slew
Filton Up Relief	2	1386	4	1050	1200	New Plain Line
Filton Up Relief	4	1050	4	1187	1200	Plain Line Slew
Filton Down Relief	0	1591	2	1317	2200	No Works
Filton Down Relief	2	1317	2	1342	2200	Plain Line Slew
Filton Down Relief	2	1342	4	587	2200	New Plain Line
Filton Down Relief	4	587	4	795	2200	Plain Line Slew
Filton Down Relief	4	795	4	1146	2200	New Plain Line
Filton Down Relief	4	1146	4	1164	2200	Plain Line Slew
Unknown Siding	4	969	4	1059	3905	Track Removed
Filton Up Main	0	1320	0	1465	1100	Plain Line Renewal
Filton Up Main	0	1465	3	11	1100	New Plain Line
Filton Up Main	3	11	3	1096	1100	Plain Line Renewal
Filton Up Main	3	1096	3	1437	1100	Plain Line Slew
Filton Up Main	3	1437	4	192	1100	Plain Line Renewal
Filton Up Main	4	192	4	582	1100	Plain Line Renewal
Filton Up Main	4	582	4	799	1100	Plain Line Slew
Filton Up Main	4	799	4	902	1100	No Works
Filton Down Main	0	1346	0	1353	2100	Plain Line Renewal
Filton Down Main	0	1353	3	11	2100	New Plain Line
Filton Down Main	3	11	4	62	2100	Plain Line Renewal
Filton Down Main	4	62	4	167	2100	Plain Line Slew
Filton Down Main	4	167	4	779	2100	No Works

Note: No works = no assessment required

INF TSI (Structures – Civil works)
a. Overbridges

Structure	Mileage	Scope of Work	Purpose
Easton Road O/B	1m 18ch	Reconstruction (Bridge deck has been replaced)	Electrification Clearance (Enabling Works)
Stapleton Road Station O/B	1m 50ch	Footbridge extension	Four track gauge clearance
Narrowways Hill O/B	2m 12ch	Footbridge reconstruction	Four track gauge clearance
Ashley Hill O/B	3m 10ch	Footbridge reconstruction	Electrification Clearance (Enabling Works)

b. Underbridges

Structure	Mileage	Scope of Work	Purpose
Bannerman Road U/B	1m 39ch	Waterproofing and repainting	Route availability (life extension only)
St. Marks Road U/B	1m 47.5ch	Waterproofing, strengthening and repainting	Route availability
A432 Stapleton Road U/B	1m 56.25ch	Reconstruction	Route availability
M32 U/B	1m 62ch	Waterproofing, strengthening and repainting	Route availability
Glenforme Road U/B	2m 2.5ch	Waterproofing	Route availability (life extension only)
Boiling Wells Lane U/B	2m 25.5ch	Waterproofing	Route availability (life extension only)
Subway U/B	2m 48.75ch	Waterproofing	Route availability
Muller Road U/B	2m 55ch	Waterproofing, strengthening and repainting	Route availability

Earthworks

Earthwork	Mileage and Side	Scope of Work
Ashley Hill Embankment (South)	2m 21ch – 2m 36ch (DOWN)	<ul style="list-style-type: none"> Widen embankment by providing a crest-level anchored king post retaining wall and soil nails downslope
Ashley Hill Embankment (North)	2m 51ch – 2m 54ch (DOWN)	<ul style="list-style-type: none"> Widen embankment by providing a crest-level anchored king post retaining wall and soil nails downslope
Muller Road Embankment	2m 60ch – 2m 75ch (UP)	<ul style="list-style-type: none"> Widen embankment and make provision for new road-rail access point, turning circle and GSM-R mast by providing a reinforced earth retaining wall. <p>Note: The retaining wall is far away from the track</p>

Station Platforms

Station	Nominal Mileage	Scope of Work
Filton Abbey Wood	4m 30ch	New Platform 4 adjacent to new Up Filton Relief

PRM TSI

Station	Nominal Mileage	Scope of Work
Stapleton Road	1m 50ch	New Main Lines installed to rear of existing Down platform. Extension to existing footbridge, including significant ramps, to provide access from East side over new Main Line tracks to Down platform, to maintain current accessibility
Filton Abbey Wood	4m 30ch	New Platform 4 adjacent to new Up Filton Relief, including access ramp and associated footbridge alterations

There are no restrictions or limitations of use on the structural subsystem as described in the “EC” Declaration of Verification (Reference: W1001B-NPT-STA-ESS-000016, version A01, dated 07/08/2019) and described in the NoBo/DeBo Verification Report (Reference W1073E-LRL-REP-ESS-000104 A01, issue 2.0, dated 03/06/2019).

The Western & Wales System Review Panel (W&W SRP) have endorsed this project and are satisfied that any identified hazards, both legacy and residual, have been adequately closed and/or transferred to the appropriate body before placing in service in accordance with the Declaration of Control of Risk DoCoR (Reference: W1013A-NPT-STA-ESS-000001, version A03, dated 07/08/2019).

The infrastructure subsystem(s) authorised by this letter must be operated and maintained in accordance with Regulation 20.

You should be aware that any future modifications to the authorised subsystem may constitute a further ‘renewal’ or an ‘upgrade’ as defined in Regulation 2. If a project entity, in relation to the project, considers that the modification meets either of these definitions they may apply, in accordance with the provisions of Regulation 13, to the Department for Transport (DfT) for a decision on whether a new authorisation will be required. Should DfT decide that an authorisation is not required they must consult with ORR whether authorisation is required on safety grounds.

As the project entity you are responsible for retaining the technical file, keeping it up to date and making it available to the ORR in accordance with Regulations 18 and 19.

If you are not the owner of the authorised subsystem you shall within 60 days, in accordance with Regulation 19(3), transfer the technical file, certificate of verification and verification declaration to the owner of the subsystem and the owner shall then be regarded as the project

entity. If the owner, in accordance with Regulation 19(4), disposes of their interest in the authorised subsystem, they shall within 60 days of the disposal, transfer the technical file, certificate of verification and verification declaration to the person acquiring that interest and that person shall be regarded as the project entity.

Please note that the person who applied for the authorisation shall send particulars to the owner of the infrastructure to enable the owner of the infrastructure to enter the items on the Register of Infrastructure in accordance with Table 1, Commission Implementing Decision 2011/633/EU. This will include such further information as the registration entity may reasonably require as set out in the relevant standard.

This decision letter will be published on ORR's website.

Yours sincerely



Steve Fletcher
Deputy Director,
Engineering & Asset Management

Cc

Ian Jones	Head of Interoperability, Safety and Standards DfT
Paul Hooper	Interoperability Manager, ORR
Alex Cattan	HM Inspector of Railways Western, ORR Railway Safety Directorate
Dermot Kelly	Head of Civil Engineering, ORR
Jane Austin	Head of Engineering for Western and Wales Region, NR IP
Joanne Griffiths	Principal Engineer Systems Design, NR IP Western and Wales