

8.2.19.2 - APPENDIX 2 – FURTHER INFORMATION ON CHANGES (REV 02)

INTRODUCTION

This Appendix provides further details of the changes to the proposed scope and reduced extent of works to Work No. 8, which will form part of the proposed Changes Application.

OHL1 – ELECTRICAL OVERHEAD LINE CROSSING A645

The asset owner, Northern Powergrid's preferred design for the works has confirmed that undergrounding via a trenchless installation method such as Horizontal Directional Drilling (HDD) was not feasible due to other utility assets in the locality, and that the installation of the undergrounded section of the electrical cable would be via an open trench installation method across the highway only. The asset owner has confirmed that it would prefer to retain the overhead line in its current alignment with the only undergrounded section being across the highway also following the alignment of the existing overhead line within a 10m wide corridor to provide flexibility to adjust the exact routing to navigate around existing infrastructure in/under the highway. To facilitate this solution, it is proposed that a new wooden pole is installed on the eastern side of the A645, within the verge or as close to the edge of the field as possible, and the overhead line restrung from the existing next wooden pole in the line, immediately to the east. This solution means that the works required on land to the east of the A645 for OHL1 (owned by ERYC and currently occupied by Mr Roustoby) are limited to:

- the use the existing access from the eastern edge of the A645 in to the field;
- access southwards to the installation location of the new wooden pole;
- works to install the new pole;
- access between the new pole and the next existing pole to the east to facilitate restrung of a section of the overhead line; and
- works from the new wooden pole westwards to install the undergrounded section of the electricity cable via an open trench installation method to the western side of the A645.

There would therefore only need to be temporary rights of access to undertake the works, and permanent rights required to facilitate access to, and to maintain and repair the electricity asset in perpetuity.

There is no longer a need for land to accommodate the HDD/works compound on the eastern side of the A645, or a requirement to use the existing farm access track from the A614 to facilitate access to existing wooden poles for restrung purposes for OHL1, and therefore these areas of land can be removed from the Order Limits.

On land to the west of the A645, the asset owner has confirmed it would prefer to remove the existing wooden pole located immediately to the west of the A645, install a new wooden pole in the same location, and the undergrounded section under the A645 would then end and continue along its existing alignment with a restrung section of overhead line to the next existing wooden pole in the line, immediately to the west. This solution means that the works required on land to the west of the A645 are limited to land owned by Mr Hussain (Tanglewood), and after the installation works described above are completed, the electricity asset would appear very similar to the existing design, with temporary rights of access required to undertake the works, and permanent rights required to facilitate access to, and to maintain and repair the electricity asset in perpetuity.

This solution means that there is no longer a need to access land further west of Tanglewood, and therefore the Special Category Land owned by ERYC is removed from the Order Limits.

The solution described above also reduces the amount of land within the Order Limits to remove land no longer required to accommodate a HDD installation of the cable under the A645.

TCL1 – TELECOMMUNICATIONS OVERHEAD LINE CROSSINGS – A614

The asset owner, BT Openreach, has confirmed that its preferred design to remove conflict with the AIL deliveries would not be to underground the telecommunications line, but instead to replace the existing wooden pole on the southern side of Rawcliffe Road with a taller pole (15m high), install a new wooden pole 15m high on the northern side of Rawcliffe Road opposite the aforementioned pole, and provide a continuous telecommunications line connection between the existing wooden poles immediately to the east of the farm track on the northern side of Rawcliffe Road, on to the new 15m high pole and onwards to the existing wooden pole at the south-western corner of the Woodside Café. The existing telecommunications lines crossing the A614 would be removed, and a new line installed between the two 15m high poles, resulting in the line crossing the A614 once.

This solution means that the works required on land to the east of the A645 and north of the A614 for TCL1 (owned by ERYC and currently occupied by Mr Cowling) are limited to:

- the use a short section of the existing farm access track from the northern edge of the A614 to facilitate access to the southern edge of the field where the existing wooden poles are located;
- access eastwards to the installation location of the new wooden pole;
- works to install the new 15m pole;
- access between the new pole and the existing two poles to the west, and the next existing pole to the east to facilitate stringing of this section of the line; and

- access to facilitate the new telecommunications line crossing the A614 to the replaced (taller) pole on the southern side of Rawcliffe Road and the removal of the existing telecommunications line crossing the A614.

There would therefore only need to be temporary rights of access to undertake the works, and permanent rights required to facilitate access to, and to maintain and repair the amended telecommunications asset in perpetuity.

There is no longer a need for land to accommodate the HDD/works compound on the northern and southern sides of the A614 and therefore these areas of land will be removed from the Order Limits.

With regard to the land to the south of Rawcliffe Road, with the removal of the potential undergrounding of the asset, the proposed works on the southern side of the road on land owned by ERYC (and which was previously identified as Crown Land) are limited to:

- Access via the existing access point from the A614 to the existing wooden telecoms pole at the southern edge of the footway;
- Removal of the existing wooden pole and replacement with a 15m high wooden pole;
- Removal of existing overhead telecommunications line connections and provision of new overhead line between the replaced taller pole and the new 15m high wooden pole on the northern side of the A614.

There would therefore only need to be temporary rights of access to undertake the works, and permanent rights required to facilitate access to, and to maintain and repair the realigned telecommunications asset in perpetuity.

Due to the reduction in scale and scope of the works to TCL1, there is no longer a need to include land providing the field drainage ditch or agricultural land to the south within the Order Limits, and land owned by Mr Huddleston will be removed from the Order Limits.

OHL2 – ELECTRICAL OVERHEAD LINE CROSSING A614

The asset owner, Northern Powergrid's preferred design for the works has confirmed that undergrounding via a trenchless installation method such as HDD was not feasible due to other utility assets in the locality, and that the installation of the undergrounded section of the electrical cable would be via an open trench installation method across the Rawcliffe Road to connect to existing underground electrical cables at the northern and southern end of the existing overhead line. The asset owner has confirmed that it would prefer to retain the electrical infrastructure in its current alignment with the undergrounded section being across the highway also following the alignment of the existing overhead line within a 10m wide corridor to provide flexibility to adjust the exact routing to navigate around existing infrastructure in/under the highway and adjoining land.

The solution also includes already programmed works to electrical infrastructure on the southern side of Rawcliffe Road on land owned by JRS Services Ltd which includes the relocation of an electricity substation south-east of the most westerly wooden electricity pole in this location, and the connection to existing underground cables in the immediate vicinity.

On the southern side of Rawcliffe Road, works to facilitate the undergrounding of electrical infrastructure required to facilitate the AIL deliveries to Site on land owned by JRS Services Limited are limited to:

- Access via the existing access track off the A614 (to the east of Town Drain) the remaining wooden pole adjacent to the new substation;
- Removal of the wooden pole; and
- Installation of undergrounded section of electricity cable to connect in to the existing electricity cable north of the new substation, and north-westwards via open trench installation methods.

There would therefore only need to be temporary rights of access to undertake the works, and permanent rights required to facilitate access to, and to maintain and repair the relevant section of the undergrounded electricity asset in perpetuity.

There is no longer a need for land to accommodate potential HDD/works compound on the southern or northern side of the A614 or a requirement to install any new wooden poles or above-ground electrical infrastructure in this location, and therefore these areas of land will be removed from the Order Limits.

The effect of removing these elements means that there is no overlap between the works required to OHL2 to facilitate AIL deliveries to Site and the permitted employment development at the JRS Services Site, except for a small area of land within the proposed landscape strip on the northern edge of the employment development that may be required temporarily to access the wooden pole to enable its removal, and for permanent rights to facilitate connection to an existing underground electricity cable to the north of the new substation. The Applicant would propose to amend the DCO in due course to deal with the interaction between the DCO and that planning condition, to ensure that JRS Services are not put in breach of their planning permission as a result of these works.

With regard to land north of Rawcliffe Road owned by ERYC and the consortium of investors in Court House Farm/Delta Enterprise Park, the proposed works include:

- The removal of the two existing wooden poles and stays;
- The installation via an open trench method of an underground electrical cable connecting to the existing underground cable within the land and then heading in a south-easterly direction towards the new substation on the southern side of Rawcliffe Road; and

- The removal of the existing overhead line between the wooden poles on land to the north of Rawcliffe Road and the wooden pole to the north of the new substation on the southern side of Rawcliffe Road.

There would therefore only need to be temporary rights of access to undertake the works, and permanent rights required to facilitate access to, and to maintain and repair the relevant section of the undergrounded electricity asset in perpetuity.

There is no longer a need for land to accommodate potential HDD/works compound on the northern side of the A614 and therefore these areas of land will be removed from the Order Limits.

The realigned and undergrounded electrical infrastructure on the northern side of Rawcliffe Road will be located within land owned by ERYC and accessed via the highway verge. Therefore, there is no requirement to retain a permanent right of access over the land owned by the consortium of Investors in Court House Farm/Delta Enterprise Park in perpetuity for the realigned undergrounded sections of electrical infrastructure.