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**Chapter 17**  
**Material Assets:**  
**Non-Agricultural Properties**

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## 17. MATERIAL ASSETS: NON-AGRICULTURAL PROPERTIES

### 17.1 Introduction

This chapter of the Environmental Impact Assessment Report (EIAR) identifies, describes and presents an assessment of the likely significant effects of the DART+ Coastal North Project (“the Proposed Development”) on the topic of Material Assets: Non-agricultural Property during the Construction and Operational Phase of the Proposed Development.

Non-agricultural property includes Residential property; Commercial property; Community property – Public Park, open space or lands that are used for recreation amenity; Development land – Lands zoned for development (with or without planning permission) and sites with planning permission; and Non-agricultural land – Lands not zoned for development, non-amenity lands, waterbodies, public road, etc.

Other elements of Material Assets, notably Agricultural Properties, Utilities and Resource and Waste Management are dealt with in the following chapters:

- Chapter 6 (Traffic and Transportation): details impacts relating to the road network and traffic movements;
- Chapter 16 (Material Assets: Agricultural Properties): details impacts relating to landtake on agricultural properties;
- Chapter 18 (Material Assets: Utilities): details impacts on utilities/built services, comprising electricity lines, water, foul sewer and telecommunications infrastructure; and
- Chapter 19 (Material Assets: Resource & Waste Management): details impacts relating to waste emissions and resource management.

This chapter has assessed the potential effects on Material Assets: Non-agricultural Property arising from the Proposed Development during the Construction and Operational Phases based on the draft Railway Order as well as Chapter 4 (Description of Proposed Development) and Chapter 5 (Construction Strategy) of this EIAR.

### 17.2 Legislation, Policy and Guidance

#### 17.2.1 Legislation

Córas Iompair Éireann (“CÍÉ”) is applying to An Bord Pleanála for a Railway Order for the DART+ Coastal North Project (“the Proposed Development”) under the Transport (Railway Infrastructure) Act 2001 (as amended and substituted) (“the 2001 Act”) and as recently further amended by the European Union (Railway Orders) (Environmental Impact Assessment) (Amendment) Regulations 2021 in Statutory Instrument No. 743/2021 (“the 2021 Regulations”). The purpose of the 2021 Regulations was to give further effect to the transposition of Directive 2011/92/EU on the assessment of the effects of certain public private projects on the environment (as amended by Directive 2014/52/EU) (“the EIA Directive”) by amending the 2001 Act. The Material Assets Non-agricultural Property impact assessment has been undertaken in accordance with these requirements.

## 17.2.2 Policy

Relevant policy documents that have informed this chapter include:

- Dublin City Development Plan 2022-2028;
- Fingal Development Plan 2023-2029;
- Meath County Development Plan 2021-2027;
- Louth County Development Plan 2021-2027;
- Baldoyle-Stapolin LAP 2013 (recently expired)\*;
- Portmarnock South LAP 2013 (recently expired)\*;
- Donabate LAP 2016 (extended to March 2026).

\*Although recently expired, work to date by the project team on the Proposed Development has been in alignment with the views and objectives of these plans.

## 17.2.3 Guidance

There are no guidelines which are specific to the assessment of impact on non-agricultural property. In line with best practice, this assessment and appraisal of the impact on non-agricultural property has been prepared with regard to the following guidance documents:

- Environmental Protection Agency (EPA) (2022), Guidelines on the information to be contained in Environmental Impact Assessment Reports (EIAR);
- Transport Infrastructure Ireland (TII) (2022), Project Management Guidelines;
- National Roads Authority (NRA) (2008), Environmental Impact Assessment of National Road Schemes – A Practical Guide (Revision 1);
- Environmental Protection Agency (EPA) (2003), Advice notes on current practice in the preparation of Environmental Impact Statement;

## 17.3 Methodology

### 17.3.1 Study Area

The Proposed Development has been divided into five distinct geographical zones (Zones A-E) from south to north as described in Chapter 4 (Description of the Proposed Development). As the Proposed Development passes through four distinct local authority areas (Dublin City Council (DCC), Fingal County Council (FCC), Meath County Council (MCC) and Louth County Council (LCC)), the EIAR zones are described using the local authority boundaries. As the section of the Proposed Development within FCC covers a large area, this has been split into two zones. The zones are described as follows:

- Zone A - North of Connolly Station to south of Howth Junction & Donaghmede Station (Dublin City Council);
- Zone B - South of Howth Junction & Donaghmede Station to north of Malahide Viaduct (including Howth Branch). (Fingal County Council);
- Zone C – North of Malahide Viaduct to south of Gormanston Station (Fingal boundary, Fingal County Council);
- Zone D - South of Gormanston Station (Fingal border) to Louth/Meath border (Meath County Council); and

- Zone E - Drogheda MacBride Station and surrounds, (Louth County Council).

### 17.3.2 Survey Methodology

The approach taken for the assessment of the significance of impact on non-agricultural property is comprised of an initial desktop survey of Property Schedules and Property Plan Drawings prepared for the Railway Order application. Thereafter public consultation information events (non-statutory), landowner and property owner consultation and site visits by the Project Team have informed the assessment. The baseline environment and impact assessment relied on information from several sources as outlined in Table 17-1.

**Table 17-1 Information sources**

Information	Source
Land registry / landownership information	Property Registration Authority of Ireland (PRAI) and landowner consultation
Land use	Roadside surveys, landowner consultations & walkover surveys.
Planning and zoning objectives	<ul style="list-style-type: none"> <li>• Dublin City Development Plan 2022-2028</li> <li>• Fingal Development Plan 2023-2029.</li> <li>• Meath County Development Plan 2021-2027.</li> <li>• Louth County Development Plan 2021-2027.</li> <li>• Baldoyle-Stapolin LAP 2013 (recently expired).</li> <li>• Portmarnock South LAP 2013 (recently expired).</li> <li>• Donabate LAP 2016 (extended to March 2026).</li> </ul>
Project design mapping & project information, draft Railway Order land acquisition mapping and schedules.	Arup design team and CÍE

#### 17.3.2.1 Evaluation of the Baseline Environment

The effect of the Proposed Development on property, other than agricultural property, has been considered in this assessment and includes impacts on residential, commercial, community, development land and other non-agricultural lands. The baseline environment for non-agricultural property was evaluated on an individual property basis and assigned a baseline rating. This baseline rating combined with a magnitude of impact from construction and operational impacts associated with the Proposed Development has been used to determine the significance of impact on the non-agricultural properties.

#### 17.3.2.2 Baseline Rating

Property within the study area was assigned a baseline rating determined by the property type. Residential, commercial, community and land that is zoned for development or land/sites with planning permission are indicative of a 'high' baseline rating. Land that is not zoned for development or land without planning permission is indicative of a 'medium' baseline rating.

The criteria used to determine the baseline rating for property impacted by the Proposed Development are shown in Table 17-2. The criteria for each of the baseline ratings have been developed in consideration of the relevant EPA guidelines on describing the existing environment.

**Table 17-2 Baseline Rating Criteria**

Baseline	Property Type
High	Residential Property Commercial Property Community property used for public and private education, recreation and/or amenity Land/site that is zoned and/or has planning permission for development
Medium	Land/site that is not zoned Residential property (derelict / ruin) Commercial Property (derelict / ruin)
Low	Property consisting of public road/private road and small plots of land

### 17.3.2.3 Impact Magnitude

Impacts on non-agricultural properties arising from the Proposed Development include:

- Non-agricultural properties that are to be entirely acquired;
- Non-agricultural properties where a portion of the site is to be acquired on a permanent basis;
- Non-agricultural properties where a portion of the site is to be acquired on a temporary basis;
- Non-agricultural properties to which access will be relocated or altered;
- Non-agricultural properties where only public road/ private road is to be acquired;
- Non-agricultural properties where Airspace may be acquired;
- Non-agricultural property where an easement is required permanently; and
- Non-agricultural property where an easement is required temporarily.

The criteria used to determine the magnitude of impact for the non-agricultural property impacted by the Proposed Development are shown in Table 17-3. The criteria for each of the impact ratings have been developed in consideration of the relevant EPA guidelines on the assessment of impact.

**Table 17-3 Magnitude of impact criteria**

Baseline	Criteria
High	An impact on the property where the use of the property cannot continue.
Medium	An impact on the property where the use of the property can continue. An impact resulting in a notable change to the character of the property. Permanent loss of public right of way
Low	An impact on the property where the use of the property can continue. An impact resulting in a minimal effect on the character of the property. Temporary loss of public right of way.

Baseline	Criteria
Very Low	An impact on the property that does not affect the use of the property. (i.e. acquisition of public road / private road only or small plots of public land).

#### 17.3.2.4 Significance of Impact

The significance of impact on a non-agricultural property is determined by the baseline rating assigned to the property combined with the magnitude of impact of the Proposed Development. There are three categories of baseline rating ranging from 'low' to 'high'. There are four categories of magnitude of impact ranging from 'very low' to 'high'. The likely significance rating is determined by reference to the matrix in Table 17-4 using the baseline rating and magnitude of impact.

**Table 17-4 Significance of impact**

Baseline	Magnitude of Impact			
	High	Medium	Low	Very Low
High	Profound	Significant	Slight	Not significant
Medium	Very significant	Moderate	Slight	Not significant
Low	Moderate	Slight	Not significant	Imperceptible

#### 17.3.3 Consultation

Consultation during the design and environmental impact assessment process is a key element of any project. The overall project stakeholder and public consultation undertaken in respect of the Proposed Development was assessed and all feedback was collated, including feedback specific to the EIAR topic 'Material Assets: Non-Agricultural Properties'. This feedback has informed this chapter including the baseline and impact assessment presented.

The non-statutory consultation and feedback received during the consultation phases is addressed in detail in Appendix A3.1 Public Consultation No.1 Consultation Findings Report and Appendix A3.2 Public Consultation No.2 Consultation Findings Report in Volume 4 of this EIAR.

Specific consultation was also undertaken with representatives of various departments in DCC, FCC, MCC and LCC. This included a combination of presentations, briefings and meetings to discuss the Proposed Development, technical design issues and environmental and planning matters.

Five pre-application meetings were held with An Bord Pleanála (ABP) to explain the project and present technical and environmental information. A summary of the information presented, and the environmental issues discussed at the five meetings is provided in Appendix A1.3 (Summary of ABP Meetings) in Volume 4 of this EIAR.

Consultation with regards to non-agricultural properties has been carried out throughout the development of the Proposed Development. This consultation has included letters, emails, phone calls and personal visits to affected landowners. Landowner meetings between members of the project team, including the Community Liaison Officer (CLO), and affected landowners have been carried out. In some cases the consultation has resulted in design amendments to the Proposed Developments. Meetings with residents' associations have also been carried out.

#### **17.3.4 Difficulties Encountered / Limitations**

The assessment has been based on land acquisition and schedules prepared for the Proposed Development as part of the draft Railway Order. No difficulties of note were encountered during the preparation of this assessment.

### **17.4 Receiving Environment**

The Proposed Development will modify the current rail network between Dublin City Centre (north of Connolly Station) and Drogheda (Drogheda MacBride Station).

The Proposed Development extends across local authority areas, including Louth County Council, Meath County Council and Fingal County Council as well as Dublin City Council administrative areas. The total length of the Proposed Development is approximately 50 kilometres.

The receiving environment along the corridor ranges from a more a dense urban setting in Zone A, B and sections of E, to a more rural setting in parts of Zones C, D and E. While the majority of permanent interventions proposed will be accommodated within the existing rail corridor on lands owned by CIÉ, due to the scale of the DART+ Coastal North Project some interventions outside the existing railway corridor are required on third party lands e.g. for the provision of substations, Construction Compounds, utility diversions etc. These are noted below for non-agricultural assets. For the assessment of agricultural assets see Chapter 16 (Material Assets: Agricultural Properties).

Further information on the Zones describing the Proposed Development is presented in Chapter 4 (Description of the Proposed Development) and the Construction Phase works within each zone is presented in Chapter 5 (Construction Strategy) in Volume 2 of this EIAR.

#### **17.4.1 Zone A: North of Connolly Station to south of Howth Junction & Donaghmede Station (including Fairview depot)**

Zone A encompasses the area from the start of the Proposed Development, just north of Connolly Station to just south of Howth Junction & Donaghmede Station and includes Fairview Depot.

This Zone lies wholly within the Dublin City Council administrative boundary, bordering the Fingal County Council boundary to the north. Works in this area are primarily within the railway corridor. Lands impacted are primarily comprised of public infrastructure (road) and private road.

#### **17.4.2 Zone B: South of Howth Junction & Donaghmede Station (including Howth Branch) to north of Malahide Viaduct**

Zone B includes works within Howth Junction & Donaghmede Station, Clongriffin Station and between Malahide Station and a short distance north of the Malahide Viaduct. Zone B lies wholly within the Fingal County Council administrative boundary, bordering the Dublin City Council administrative boundary to the south. Lands impacted are primarily comprised of public Infrastructure (road), private roads, commercial/ industrial, residential, development lands, public infrastructure, and a community (park)/public open space.

#### **17.4.3 Zone C: North of Malahide Viaduct to south of Gormanston Station (Fingal boundary)**

Zone C encompasses the area just south of Donabate Station on the north side of Malahide Viaduct to south of Gormanston Station. The zone includes four stations at Donabate, Rush & Lusk, Skerries and Balbriggan. Zone C lies wholly within the Fingal County Council administrative boundary, bordering the Meath County boundary to the north. Lands impacted are primarily comprised of public infrastructure (road), private roads, commercial/ industrial, residential, development lands, public infrastructure and a community (park)/public open space.

#### **17.4.4 Zone D: South of Gormanston Station (Fingal border) to County Meath/County Louth border**

Zone D encompasses the area between Gormanston Station and the Meath/Louth border (the Louth boundary is approximately 1.5km south of Drogheda MacBride Station). This zone includes Gormanston and Laytown Stations. Zone D lies wholly within the Meath County boundary, bordering Fingal to the south and Louth to the north. Lands impacted are primarily comprised of public infrastructure (road), private roads, government land, commercial/ industrial, residential, development lands, public infrastructure, and community (park)/public open space.

#### **17.4.5 Zone E: Drogheda MacBride Station and surrounds**

Zone E extends from the Meath/Louth border, approximately 1.5km south of Drogheda MacBride Station, to the end of the Proposed Development and encompasses Drogheda MacBride Station, including along the Drogheda Freight Sidings and the station surrounds. This zone lies wholly within the Louth County administrative boundary, bordering the Meath County administrative boundary to the south. Lands impacted are primarily comprised of public Infrastructure (Road), residential, development lands, and residential (green space).

### 17.4.6 Baseline Rating

The study area for the non-agricultural properties assessment is therefore the permanent and temporary landtake for the Proposed Development excluding those lands fully owned by CIÉ and any land identified as agricultural land. A total of 228 non-agricultural plots of land within the study area have been identified as being impacted through temporary or permanent landtake (including permanent easements)<sup>1</sup>. Of the 228 plots, the breakdown by property type is as follows:

- Residential – 80;
- Residential (Apartments) – 1;
- Residential (Green Space) - 8;
- Commercial / Industrial – 8;
- Development Lands – 12;
- Government / Public Buildings or land – 11;
- Private Road – 13;
- Public Infrastructure – 9;
- Public Infrastructure (road) – 76; and
- Community (including park/open space) – 10.

A summary breakdown of the baseline ratings (see Table 17-2) for these non-agricultural property types is presented in Table 17-5.

**Table 17-5 Baseline Rating**

Baseline	No. of land parcels	% of total
High	133	58.3%
Medium	0	0
Low	95	41.7%
<b>Total</b>	<b>228</b>	<b>100%</b>

### 17.5 Evolution of the Environment in the Absence of the Proposed Development

Should the Proposed Development not proceed, conditions relating to material assets non-agricultural properties identified within the study area will continue in line with baseline trends. Some general improvements/ changes in the area may be experienced due to legislative and local policy driven measures and mitigation. If the Proposed Development does not proceed, land and properties required for the Proposed Development will remain in existing use.

<sup>1</sup> Several plots may relate to one single property.

## 17.6 Description of Potential Impacts

The assessment of landtake presented below can be reviewed alongside the Property Schedules and Property Plan Drawings submitted with the Railway Order application under separate cover. As noted above, the majority of interventions proposed will be accommodated within the existing rail corridor on lands owned by Córas Iompair Éireann, however some interventions outside the existing railway corridor will be required on third party lands. The assessment below is focussed on impacts to third party lands and does not include reference to those lands fully owned by CIÉ.

### 17.6.1 Potential Construction Impacts

The construction activities that will give rise to land requirements include the following:

#### Landtake

The construction works for the Proposed Development will involve a total non-agricultural temporary land-take of approximately 21ha. Approximately 5.6ha are for lands over which temporary Private Rights of Way or Other Easements may be acquired and additionally 2.6ha are for land of which temporary possession may be taken on public roads. This involves temporary acquisition of lands for:

- Construction Compounds and access routes,
- New OHLE infrastructure;
- retaining walls along the rail corridor;
- track lowering;
- utility diversions including decommissioning of existing utilities;
- parapet modifications to bridges and pedestrian footbridges;
- construction of substations;
- station modification at Howth Junction & Donaghmede Station;
- new turnbacks;
- new bridge OBB19A;
- new platform at Drogheda McBride Station and modification to UBK1; and
- demolition of OBB80A/80B/80C (McGraths Lane).

More information can be found in Chapter 5 (Construction Strategy) in Volume 2 of this EIAR.

The non-agricultural lands will comprise of a wide range of land types including residential lands, commercial lands, development lands, public infrastructure (roads), private roads, car park areas, amenity lands, and non-agricultural greenfield areas.

Construction activity associated with the Proposed Development will also give effect to further indirect impacts on non-agricultural property including:

- **Access to Property** – Access to some properties will be affected during the Construction Phase. The demolition of OBB80A/80B/80C in particular will impact on access to residential properties on McGrath's Lane;
- **Construction Traffic** – There will be an increase in construction traffic along local roads during the Construction Phase of the Proposed Development, which has the potential to cause nuisance to existing local residential and commercial traffic;

- **Noise and Vibration** – There will be an increase in noise during the Construction Phase. The significance of this impact will depend upon the construction activity taking place;
- **Dust** - Construction machinery can generate dust in the immediate vicinity of the Proposed Development. The proliferation of dust has a nuisance value and may impact on nearby properties;
- **Landscape / Residential Amenity** - There will be changes to some residential views and amenity as a result of construction works;
- **Disturbance of drainage systems** - Existing drainage systems may be disturbed by the construction of the Proposed Development. These systems will be restored as part of the completed works. However, there may be temporary impaired drainage in the interim period between initial entry and final reinstatement of such drainage works; and
- **Disturbance of services** - The construction of the Proposed Development may impact on services including water and wastewater, electricity and phone services.

These indirect impacts have been assessed and measures to mitigate the effects are outlined throughout this EIA but are contained mainly in Chapter 6 (Traffic and Transportation), Chapter 7 (Population), Chapter 12 (Air Quality), Chapter 14 (Noise and Vibration), Chapter 15 (Landscape and Visual), Chapter 16 (Material Assets: Agricultural Properties), Chapter 18 (Material Assets: Utilities) and Chapter 23 (Human Health). The remaining assessment in this chapter focusses on landtake.

Measures to mitigate the adverse effects of the Proposed Development are described in Section 17.7.1 and an assessment of the significance of the residual impact following the implementation of mitigation measures is presented in Table 17-17.

The need for landtake depends on the construction requirement for it. Different types of landtake are placed on separate schedules within the draft Railway Order. For temporary landtake these include:

- Third Schedule - Land of which temporary possession may be taken;
- Fourth Schedule – Part 2: Land over which Temporary Private Rights of Way or Other Easements may be acquired;
- Seventh Schedule – Part 1: Public Rights of Way which may be temporarily interrupted; and
- Seventh Schedule – Part 2: Private Rights of Way which may be temporarily interrupted.

An assessment of the temporary impact of the Proposed Development on property and a summary of the impact prior to any mitigation is presented in Table 17-6 to Table 17-9. The tables have been presented as they appear in the schedules within the RO. These are presented below.

**Table 17-6 Assessment of the Impact of Temporary Landtake on Non-agricultural Properties – Third Schedule**

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
3941	A	02+700	Government/Public Building or Lands	High	0.047	Temporary	Installation of a new drainage connection to be provided to suit Fairview Depot Sidings modifications.	Low	Slight	Imperceptible
32404	B	08+900	Public Infrastructure (Road)	Low	0.056	Temporary	Establish a temporary construction compound to facilitate station improvement works.	Low	Not Significant	Imperceptible
1369	B	09+200	Community (Park)/Public Open Space	High	0.075	Temporary	Establish a temporary construction compound to facilitate station improvement works. construction compound will be reinstated following upon completion of the works.	Low	Slight	Slight
292	B	09+300	Commercial/Industrial	High	0.218	Temporary	Establish a temporary construction compound to facilitate station improvement, platform extension and turnback works. The compound shall be located outside of current CIE lands on an existing car park within the Baldoyle Industrial Estate. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
2992	B	10+000	Development Lands	High	0.585	Temporary	<p>Establish a temporary Construction Compound to facilitate construction of a new SEB, station improvement, platform extension, turnback works and retaining wall. The compound is located outside of current CIE lands. Access shall be via the R123. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.</p> <p>Establish a temporary Construction Compound to facilitate station improvement, platform extension and turnback works. The compound is located outside of current CIE lands. Access shall be via the R123. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.</p>	Low	Slight	Slight
31914	B	10+000	Residential (Green Space)	High	0.0003	Temporary	<p>Establish a temporary Construction Compound to facilitate construction of a new SEB, station improvement,</p>	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							platform extension, turnback works and retaining wall.			
32374	B	10+700	Development Lands	High	0.778	Temporary	Establish a temporary Construction Compound to facilitate station improvement, platform extension and turnback works. Access shall be via the R123. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works	Low	Slight	Slight
427	B	11+000	Development Lands	High	1.843	Temporary	Establish a temporary construction compound to facilitate station improvement, platform extension and turnback works. Access shall be via the R123. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.	Low	Slight	Slight
1366	B	11+000	Development Lands	High	0.123	Temporary	Establish a temporary construction compound to facilitate station improvement, platform extension and turnback works. Access shall be via the R123. Works will include fencing /	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.			
16674	B	15+900	Community (Park)/Public Open Space	High	0.015	Temporary	Establish a temporary Construction Compound to facilitate modular reinforced earth wall works. Works will include fencing / hoarding and include storage of certain construction plant and equipment required to carry out the works and to facilitate plant and vehicle movements.	Low	Slight	Slight
18468	B	15+900	Public Infrastructure	Low	0.0004	Temporary	Proposed access to temporary construction compounds shall be via Strand Court.	Low	Not Significant	Imperceptible
19701	B	15+900	Public Infrastructure (Road)	Low	0.018	Temporary	Establish a temporary Construction Compound to facilitate modular reinforced earth wall works. Works will include fencing / hoarding and include storage of certain construction plant and equipment required to carry out the works and to facilitate plant and vehicle movements.	Low	Not Significant	Imperceptible
19728	B	15+900	Public Infrastructure (Road)	Low	0.013	Temporary	Proposed access to temporary Construction Compounds shall be via Strand Court.	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
32461	B	16+100	Government/Public Building or Lands	High	0.350	Temporary	Establish a temporary Construction Compound at Caves Strand to facilitate Malahide Viaduct (UBB30) and turnback works.	Low	Slight	Imperceptible
696	B	16+300	Public Infrastructure	Low	0.006	Temporary	Establish a temporary Construction Compound to facilitate Malahide Viaduct (UBB30) and turnback works. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works	Low	Not Significant	Imperceptible
18301	B	16+300	Commercial/Industrial	High	0.009	Temporary	Establish a temporary construction compound to facilitate turnback and SET works. Access will be via The Malahide WWTP Access Road. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.	Low	Slight	Slight
5571	B	16+400	Commercial/Industrial	High	0.678	Temporary	Establish a temporary construction compound to facilitate turnback and SET works. Access will be via The Malahide WWTP Access Road. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							workshops as well as storage of certain construction plant and equipment required to carry out the works.			
19742	B	18+600	Public Infrastructure (Road)	Low	0.003	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
32020	C	18+800	Public Infrastructure (Road)	Low	0.078	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
1289	C	18+900	Public Infrastructure (Road)	Low	0.156	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
1900	C	18+900	Public Infrastructure (Road)	Low	0.232	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
31951	C	18+900	Public Infrastructure (Road)	Low	0.002	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
32019	C	18+900	Public Infrastructure	Low	0.101	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
32267	C	18+900	Public Infrastructure (Road)	Low	0.005	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
16415	C	19+000	Public Infrastructure (Road)	Low	0.099	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
16509	C	19+300	Residential	High	0.014	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works, with diversion.	Low	Slight	Imperceptible
16353	C	19+600	Public Infrastructure (Road)	Low	0.003	Temporary	Installation of a new underground new telecommunications cable on Turvey Avenue as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
32408	C	20+600	Private Road	Low	0.065	Temporary	<p>Installation of a new underground new telecommunications cable on Turvey Avenue as a diversion to facilitate the removal of existing connection.</p> <p>Decommissioning and removal of existing overhead telecommunications cable to accommodate the electrification works, with diversion.</p> <p>Modifications to overbridge Access to Beaverstown Golf Club (OBB35) parapets providing compliance with</p>	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							OHLE infrastructure safety requirements			
1234	C	23+700	Residential	High	0.008	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works, with diversion.	Low	Slight	Slight
1465	C	23+700	Public Infrastructure (Road)	Low	0.031	Temporary	Installation of a new underground low voltage power line to facilitate the removal of existing residential connection.	Low	Not Significant	Imperceptible
2830	C	23+700	Public Infrastructure (Road)	Low	0.017	Temporary	Installation of a new underground low voltage power line to facilitate the removal of existing residential connection.	Low	Not Significant	Imperceptible
3063	C	23+700	Public Infrastructure (Road)	Low	0.016	Temporary	Installation of a new underground low voltage power line to facilitate the removal of existing residential connection.	Low	Not Significant	Imperceptible
16227	C	24+100	Public Infrastructure (Road)	Low	0.000 2	Temporary	Installation of a new overhead medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
922	C	24+200	Residential	High	0.008	Temporary	Decommissioning and removal of existing overhead telecommunications cable adjacent overbridge (OBB41) carrying Local Road in Rathartan to	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							accommodate the electrification works, with diversion.			
23297	C	25+000	Public Infrastructure (Road)	Low	0.006	Temporary	Proposed access to temporary construction compound shall be via. Tyrrelstown Road	Low	Not Significant	Imperceptible
2151	C	26+000	Residential	High	0.021	Temporary	Installation of a new overhead medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
1462	C	26+100	Residential	High	0.051	Temporary	Installation of a new overhead medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
1422	C	26+800	Residential	High	0.016	Temporary	Installation of a new overhead medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
3984	C	26+800	Residential	High	0.074	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
1455	C	27+000	Residential	High	0.046	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
3095	C	27+000	Public Infrastructure (Road)	Low	0.008	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
16199	C	27+000	Commercial/Industrial	High	0.010	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
1494	C	27+100	Residential	High	0.023	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
1495	C	27+100	Public Infrastructure (Road)	Low	0.018	Temporary	Decommissioning and removal of existing overhead low voltage power line to accommodate the electrification works, with associated diversion.	Low	Not Significant	Imperceptible
3133	C	27+100	Public Infrastructure (Road)	Low	0.028	Temporary	Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
3294	C	27+100	Public Infrastructure (Road)	Low	0.028	Temporary	Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
3465	C	27+100	Public Infrastructure (Road)	Low	0.013	Temporary	Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
3466	C	27+100	Residential	High	0.009	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
25153	C	27+100	Public Infrastructure (Road)	Low	0.001	Temporary	Proposed access to temporary construction compound shall be via Baldongan Close (L1285).	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.			
25425	C	27+100	Public Infrastructure (Road)	Low	0.007	Temporary	Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
25436	C	27+100	Public Infrastructure (Road)	Low	0.002	Temporary	Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
32021	C	27+100	Public Infrastructure (Road)	Low	0.024	Temporary	Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
32318	C	27+100	Residential	High	0.005	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
25498	C	29+000	Private Road	Low	0.008	Temporary	Proposed access to temporary construction compound shall be via. Private access road off Skerries Golf Link Road.  Proposed access to temporary construction compound shall be via. Skerries Golf Link Road.	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
1350	C	31+100	Public Infrastructure (Road)	Low	0.113	Temporary	<p>Establish a temporary works area with access off Barnageeragh Road (R127) to facilitate the construction of a new Traction Paralleling Hut, including installation of equipment, associated cable connections and retaining wall locally to cut into the existing embankment. linewise works compound to support electrification works. Works will include fencing / hoarding, parking and storage of certain construction plant and equipment storage required to carry out the works</p> <p>Construction of Traction Paralleling Hut, including installation of equipment and associated cable connections. Construction of retaining wall locally around the Traction Paralleling Hut cut into the existing embankment</p>	Low	Not Significant	Imperceptible
825	C	32+200	Private Road	Low	0.013	Temporary	<p>Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works.</p> <p>Construction of Skerries North electrical substation to enable electrification of the line. It will located within a dedicated compound accessed via private road off Barnageeragh Road (L1270).</p>	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
470	C	32+300	Development Lands	High	0.097	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
3053	C	32+300	Private Road	Low	0.006	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works.  Construction of Skerries North electrical substation to enable electrification of the line. It will be located within a dedicated compound accessed via private road off Barnageeragh Road (L1270).	Low	Not Significant	Imperceptible
3870	C	32+300	Residential	High	0.026	Temporary	Installation of new underground medium voltage power line through underbridge Barnageeragh Road to R127 (UBB53) as a diversion to facilitate removal of existing lines.	Low	Slight	Slight
2268	C	32+500	Residential	High	0.032	Temporary	Installation of new underground medium voltage power line through underbridge Barnageeragh Road to R127 (UBB53) as a diversion to facilitate removal of existing lines.  Decommissioning and removal of existing overhead low voltage power	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							line to accommodate the electrification works, with associated diversion.			
790	C	32+600	Residential	High	0.002	Temporary	Decommissioning and removal of existing overhead low voltage power line to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
849	C	32+600	Residential	High	0.039	Temporary	Decommissioning and removal of existing overhead low voltage power line to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
1387	C	32+600	Residential	High	0.012	Temporary	Decommissioning and removal of existing overhead low voltage power line to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
9266	C	32+800	Public Infrastructure (Road)	Low	0.396	Temporary	Decommissioning and removal of existing overhead low voltage power line to accommodate the electrification works , with associated diversion.  Proposed railway electrification - includes railway signalling and communications infrastructure as well as installation of overhead electrification equipment  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							<p>existing.</p> <p>Construction of Under Track Crossing (UTX) to accommodate diversion.</p> <p>Decommissioning and removal of existing overhead low voltage power line to accommodate the electrification works, with associated diversion.</p> <p>Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.</p>			
3809	C	34+100	Residential	High	0.044	Temporary	Proposed access to temporary UTX compounds.	Low	Slight	Imperceptible
17681	C	34+600	Residential	High	0.006	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
32457	C	34+600	Residential	High	0.010	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
169	C	34+700	Residential	High	0.004	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
885	C	34+700	Residential	High	0.003	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
1354	C	34+700	Residential	High	0.003	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
1410	C	34+700	Residential	High	0.002	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
1627	C	34+700	Residential	High	0.003	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
934	C	34+800	Residential	High	0.002	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
1332	C	34+800	Residential	High	0.004	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
1343	C	34+800	Residential	High	0.002	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
1412	C	34+800	Residential	High	0.004	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
19609	C	34+800	Residential	High	0.001	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
27532	C	34+800	Residential	High	0.004	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
985	C	34+900	Community (Park)/Public Open Space	High	0.060	Temporary	Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
1181	C	34+900	Residential	High	0.001	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
3070	C	34+900	Residential	High	0.011	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
32380	C	34+900	Public Infrastructure	High	0.012	Temporary	Decommissioning and removal of existing overhead medium voltage power line to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
1859	C	35+000	Public Infrastructure (Road)	Low	0.115	Temporary	Decommissioning and removal of existing overhead low voltage power line to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
3080	C	35+000	Community (Park)/Public Open Space	High	0.087	Temporary	Decommissioning and removal of existing overhead low voltage power line to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
3943	C	35+000	Public Infrastructure (Road)	Low	0.006	Temporary	Decommissioning and removal of existing overhead low voltage power line to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
3062	C	35+200	Private Road	Low	0.001	Temporary	Decommissioning and removal of existing overhead low voltage power line to accommodate the electrification works. Installation of a new	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							underground low voltage power line as a diversion to facilitate the removal of existing.			
41	C	35+300	Residential	High	0.001	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
232	C	35+300	Residential	High	0.001	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
642	C	35+300	Residential	High	0.009	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							medium voltage power line as a diversion to facilitate the removal of existing.			
992	C	35+300	Residential	High	0.004	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
2155	C	35+300	Residential	High	0.059	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
3184	C	35+300	Residential	High	0.019	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							medium voltage power line as a diversion to facilitate the removal of existing.			
17355	C	35+300	Public Infrastructure (Road)	Low	0.082	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
406	C	35+400	Residential	High	0.0002	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
2128	C	35+400	Residential	High	0.008	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
31961	C	35+400	Residential	High	0.005	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
1856	C	35+500	Public Infrastructure (Road)	Low	0.038	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
17504	C	35+500	Residential	High	0.001	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
32241	C	35+500	Residential	High	0.010	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
454	C	35+600	Public Infrastructure (Road)	Low	0.094	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
1799	C	35+600	Community (Park)/Public Open Space	High	0.002	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
2516	C	35+600	Residential	High	0.010	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
17256	C	35+600	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17258	C	35+600	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17260	C	35+600	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17263	C	35+600	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
17267	C	35+600	Residential	High	0.004	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17270	C	35+600	Residential	High	0.008	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17499	C	35+600	Residential	High	0.009	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
1279	C	35+700	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
2185	C	35+700	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17223	C	35+700	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17226	C	35+700	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17227	C	35+700	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
17228	C	35+700	Residential	High	0.004	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17230	C	35+700	Residential	High	0.005	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17250	C	35+700	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17387	C	35+700	Public Infrastructure (Road)	Low	0.002	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							diversion to facilitate the removal of existing.			
32259	C	35+700	Residential	High	0.004	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
2248	C	35+800	Residential	High	0.011	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
2507	C	35+800	Residential	High	0.010	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
16842	C	35+800	Public Infrastructure (Road)	Low	0.516	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							a diversion to facilitate the removal of existing.			
17235	C	35+800	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17238	C	35+800	Residential	High	0.002	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17239	C	35+800	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17240	C	35+800	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							a diversion to facilitate the removal of existing.			
17244	C	35+800	Residential	High	0.008	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works. Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Imperceptible
17302	C	35+800	Public Infrastructure	Low	0.0002	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
17303	C	35+800	Community (Park)/Public Open Space	High	0.064	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							diversion to facilitate the removal of exist			
31943	C	35+800	Commercial/Industrial	High	0.018	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
5558	C	35+900	Public Infrastructure (Road)	Low	0.004	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
5638	C	35+900	Public Infrastructure	Low	0.004	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							medium voltage power line as a diversion to facilitate the removal of existing.			
1441	C	36+000	Public Infrastructure	High	0.001	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.  Installation of a new underground medium voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
5628	C	36+000	Public Infrastructure	High	0.305	Temporary	Establish a temporary construction compound to facilitate viaduct OHLE support works. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.	Low	Not Significant	Imperceptible
26963	C	36+000	Public Infrastructure (Road)	Low	0.004	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
32432	C	36+000	Public Infrastructure (Road)	Low	0.058	Temporary	Works to Balbriggan Viaduct (UBB56) to provide supports for new overhead electrification equipment. Masts will be supported on the walkway which shall be modified locally to suit. Public walkways across the viaduct will be impacted during the works.	Low	Not Significant	Imperceptible
2323	C	36+400	Residential	High	0.012	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
16863	C	36+400	Residential	High	0.005	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
26731	C	36+400	Public Infrastructure (Road)	Low	0.026	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
32379	C	36+400	Residential	High	0.023	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
26766	C	36+500	Residential	High	0.045	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
1117	C	36+600	Community (Park)/Public Open Space	High	0.003	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
19272	C	36+600	Public Infrastructure (Road)	Low	0.006	Temporary	Decommissioning and removal of existing overhead low voltage power lines to accommodate the electrification works, with associated diversion.	Low	Not Significant	Imperceptible
26857	D	39+500	Public Infrastructure (Road)	Low	0.009	Temporary	Decommissioning and removal of existing overhead telecommunication lines to accommodate the electrification works, with associated diversion.  Installation of a new underground telecommunication line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
4517	D	39+800	Residential	High	0.070	Temporary	Establish a temporary construction compound to facilitate UTX diversion. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works. Installation of new underground low voltage power line as a diversion to facilitate the removal of lines. Proposed access to temporary UTX compound shall be via Station Road.	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
16018	D	39+800	Public Infrastructure (Road)	Low	0.034	Temporary	Decommissioning and removal of existing overhead telecommunication lines to accommodate the electrification works, with associated diversion.  Installation of a new underground telecommunication line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
4563	D	39+900	Public Infrastructure (Road)	Low	0.000 1	Temporary	Decommissioning and removal of existing overhead telecommunication lines to accommodate the electrification works, with associated diversion.  Installation of a new underground telecommunication line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
5553	D	41+400	Government/Public Building or Lands	High	0.594	Temporary	Establish a permanent electrical substation compound that will also be used as a temporary construction compound. Works will include fencing / hoarding, site offices, welfare facilities, storage facilities, workshops, parking and storage of certain construction plant and equipment storage required to carry out the works.  Construction of Gormanston electrical substation to enable electrification of the line. It will be located within a dedicated compound accessed via a local road adjacent Gormanston Camp,	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							off the R132.  Proposed access to construction compound 18.19 and 18.20 shall be via a local road adjacent Gormanston Camp, off the R132.			
15966	D	41+400	Public Infrastructure (Road)	Low	0.048	Temporary	Modifications to overbridge Local Access Adjacent Gormanston Camp (OBB68) parapets providing compliance with OHLE infrastructure safety requirements	Low	Not Significant	Imperceptible
4965	D	44+400	Community (Park)/Public Open Space	High	0.516	Temporary	Installation of new underground medium voltage power line as a diversion to facilitate the removal of lines.  Diversion underground of an existing overhead power line which crosses the track at approx. chainage 44+300. Including receiving zones for directional drilling as well as erection of poles and supports local to the crossing point. Areas impacted by the works will be reinstated accordingly.  Establish a temporary construction compound to facilitate UTX diversion. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							<p>construction plant and equipment required to carry out the works.</p> <p>Proposed access to temporary UTX compound shall be via local roads off the R132.</p> <p>Establish a temporary construction compound to facilitate viaduct OHLE support works. Access shall be via Coastview Cottages. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.</p>			
4588	D	44+600	Public Infrastructure (Road)	Low	0.003	Temporary	Proposed access to temporary UTX compound shall be via local roads off the R132.	Low	Not Significant	Imperceptible
27642	D	44+600	Public Infrastructure (Road)	Low	0.004	Temporary	Proposed access to construction compound shall be via Coastview Cottages off the R132. Works to Laytown Viaduct (UBB72) to provide supports for new overhead electrification equipment. Masts will likely be supported on additional steelwork attached to the bridge at the outer pier locations.	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
32423	D	44+600	Government/Public Building or Lands	High	0.001	Temporary	Establish a temporary Construction Compound to facilitate viaduct OHLE support works.	Low	Slight	Slight
32424	D	44+600	Government/Public Building or Lands	High	0.001	Temporary	Establish a temporary Construction Compound to facilitate viaduct OHLE support works.	Low	Slight	Slight
4918	D	44+700	Public Infrastructure (Road)	Low	0.005	Temporary	Works to Laytown Viaduct (UBB72) to provide supports for new overhead electrification equipment. Masts will likely be supported on additional steelwork attached to the bridge at the outer pier locations. Establish a temporary Construction Compound to facilitate viaduct OHLE support works. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.	Low	Not Significant	Imperceptible
4967	D	44+700	Government/Public Building or Lands	High	0.346	Temporary	Works to Laytown Viaduct (UBB72) to provide supports for new overhead electrification equipment. Masts will likely be supported on additional steelwork attached to the bridge at the outer pier locations.	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
4976	D	44+700	Government/Public Building or Lands	High	0.361	Temporary	Works to Laytown Viaduct (UBB72) to provide supports for new overhead electrification equipment. Masts will likely be supported on additional steelwork attached to the bridge at the outer pier locations.	Low	Slight	Slight
4997	D	44+700	Public Infrastructure (Road)	Low	0.043	Temporary	Works to Laytown Viaduct (UBB72) to provide supports for new overhead electrification equipment. Masts will likely be supported on additional steelwork attached to the bridge at the outer pier locations.	Low	Not Significant	Imperceptible
4968	D	44+800	Government/Public Building or Lands	High	0.062	Temporary	Works to Laytown Viaduct (UBB72) to provide supports for new overhead electrification equipment. Masts will likely be supported on additional steelwork attached to the bridge at the outer pier locations.	Low	Slight	Slight
4554	D	45+000	Community (Park)/Public Open Space	High	0.093	Temporary	<p>Diversion underground of an existing overhead power line which crosses the track at approx. chainage 44+940. Including receiving zones for directional drilling as well as erection of poles and supports local to the crossing point. Areas impacted by the works will be reinstated accordingly.</p> <p>Establish a temporary construction compound to facilitate UTX diversion and linewise works. Access shall be via</p>	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							local roads off the R150. Works will include fencing / hoarding, site offices, parking, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.			
4982	D	45+100	Residential (Green Space)	High	0.049	Temporary	<p>Diversion underground of an existing overhead power line which crosses the track at approx. chainage 44+940. Including receiving zones for directional drilling as well as erection of poles and supports local to the crossing point. Areas impacted by the works will be reinstated accordingly.</p> <p>Establish a temporary construction compound to facilitate UTX diversion and linewise works. Access shall be via local roads off the R150. Works will include fencing / hoarding, site offices, parking, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.</p>	Low	Slight	Slight
4541	D	45+200	Residential	High	0.003	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
4794	D	47+000	Development Lands	High	0.289	Temporary	Construction of Bettystown electrical substation to enable electrification of the line. It will located within a dedicated compound accessed via Narrowways Road. The compound will include a new track access point to maintain track and electrification assets.	Low	Slight	Slight
18897	D	47+100	Public Infrastructure (Road)	Low	0.005	Temporary	Proposed access to Construction Compound shall be via Narrowways Road L5632.	Low	Not Significant	Imperceptible
4584	D	47+600	Public Infrastructure (Road)	Low	0.002	Temporary	Installation of new underground medium voltage power line under L5615 Pilltown Road (UBB76) as a diversion to facilitate removal of existing line	Low	Not Significant	Imperceptible
4587	D	47+600	Public Infrastructure (Road)	Low	0.009	Temporary	Installation of new underground medium voltage power line under L5615 Pilltown Road (UBB76) as a diversion to facilitate removal of existing line	Low	Not Significant	Imperceptible
4947	D	47+600	Public Infrastructure (Road)	Low	0.038	Temporary	Installation of new underground medium voltage power line under L5615 Pilltown Road (UBB76) as a diversion to facilitate removal of existing line	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
12692	D	47+600	Public Infrastructure (Road)	Low	0.001	Temporary	Installation of new underground medium voltage power line under L5615 Pilltown Road (UBB76) as a diversion to facilitate removal of existing line	Low	Not Significant	Imperceptible
12694	D	47+600	Public Infrastructure (Road)	Low	0.001	Temporary	Installation of new underground medium voltage power line under L5615 Pilltown Road (UBB76) as a diversion to facilitate removal of existing line	Low	Not Significant	Imperceptible
4680	D	47+700	Public Infrastructure (Road)	Low	0.014	Temporary	Installation of new underground medium voltage power line under L5615 Pilltown Road (UBB76) as a diversion to facilitate removal of existing line	Low	Not Significant	Imperceptible
18529	D	47+700	Residential (Green Space)	High	0.005	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
31945	D	47+700	Residential (Green Space)	High	0.001	Temporary	Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.	Low	Slight	Imperceptible
12491	D	49+200	Public Infrastructure (Road)	Low	0.017	Temporary	Installation of new overhead medium voltage power line on overbridge carrying local access in Colpe (OBB77)	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							as a diversion to facilitate removal of existing line.			
12690	D	49+200	Public Infrastructure (Road)	Low	0.030	Temporary	Installation of new overhead medium voltage power line on overbridge carrying local access in Colpe (OBB77) as a diversion to facilitate removal of existing line.	Low	Not Significant	Imperceptible
4980	D	49+800	Residential (Green Space)	High	0.065	Temporary	Trackworks under overbridge carrying Colpe Road (OBB78) including lowering of tracks to provide sufficient vertical clearance to install overhead line electrification.	Low	Slight	Slight
4985	D	50+300	Residential (Green Space)	High	0.130	Temporary	Proposed access to temporary UTX compound shall be via Park Wood. Establish a temporary construction compound to facilitate UTX diversion. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.	Low	Slight	Slight
4124	E	51+500	Residential	High	0.165	Temporary	Decommissioning and removal of existing overhead 38kV voltage power lines to accommodate the electrification works, with associated diversion.  Installation of new underground 38kV	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							voltage power line as a diversion to facilitate the removal of lines.			
4304	E	51+500	Development Lands	High	0.081	Temporary	Decommissioning and removal of existing overhead 38kV voltage power lines to accommodate the electrification works, with associated diversion.  Installation of new underground 38kV voltage power line as a diversion to facilitate the removal of lines.	Low	Slight	Slight
4467	E	51+600	Residential (Green Space)	High	0.018	Temporary	Decommissioning and removal of existing overhead 38kV voltage power lines to accommodate the electrification works, with associated diversion.  Installation of new underground 38kV voltage power line as a diversion to facilitate the removal of lines.	Low	Slight	Slight
32218	E	51+600	Development Lands	High	0.024	Temporary	Diversion underground of an existing overhead power line which crosses the track at approx. chainage 51+700. Including receiving zones for directional drilling as well as erection of poles and supports local to the crossing point.	Low	Slight	Slight
4118	E	51+700	Development Lands	High	4.383	Temporary	Establish a temporary construction compound to facilitate UTX diversion. Access shall be via Wheaton Hall. Works will include fencing / hoarding	Medium	Significant	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							<p>and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.</p> <p>Diversion underground of an existing overhead power line which crosses the track at approx. chainage 51+700. Including receiving zones for directional drilling as well as erection of poles and supports local to the crossing point.</p> <p>Decommissioning and removal of existing overhead medium voltage power lines to accommodate the electrification works, with associated diversion.</p>			
4284	E	51+700	Residential (Green Space)	High	0.326	Temporary	<p>Establish a temporary construction compound to facilitate UTX diversion. Access shall be via Wheaton Hall. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.</p> <p>Diversion underground of an existing overhead power line which crosses the track at approx. chainage 51+700. Including receiving zones for directional</p>	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							drilling as well as erection of poles and supports local to the crossing point.			
32396	E	51+700	Residential	High	0.014	Temporary	<p>Establish a temporary construction compound to facilitate UTX diversion. Access shall be via Wheaton Hall. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.</p> <p>Diversion underground of an existing overhead power line which crosses the track at approx. chainage 51+700. Including receiving zones for directional drilling as well as erection of poles and supports local to the crossing point.</p>	Low	Slight	Imperceptible
16146	E	51+900	Public Infrastructure (Road)	Low	0.001	Temporary	Realignment of McGrath's Lane (north of overbridge) to suit overbridge replacement works, including all necessary civils works. Temporary access to properties shall be via an access road from the R150.	Low	Slight	Slight
4459	E	52+000	Development Lands	High	1.282	Temporary	Establish a permanent electrical substation compound that will also be used as a temporary construction compound. Works will include fencing / hoarding, site offices, welfare facilities,	Low	Slight	Slight

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							storage facilities, workshops, parking and storage of certain construction plant and equipment storage required to carry out the works.			

\*LPID = land parcel identification number

**Table 17-7 Assessment of the Impact of Temporary Landtake on Non-agricultural Properties – Fourth Schedule: Part 2**

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
3620	A	07+100	Private Road	Low	0.067	Temporary Easement	Track Access via Howth Road.	Low	Not Significant	Imperceptible
27530	A	07+200	Public Infrastructure (Road)	Low	0.002	Temporary Easement	Track Access via Howth Road.	Low	Not Significant	Imperceptible
292	B	09+300	Commercial/Industrial	High	0.046	Temporary Easement	Establish a temporary Construction Compound to facilitate station improvement, platform extension and turnback works.	Low	Slight	Imperceptible
31952	B	09+300	Commercial/Industrial	High	0.049	Temporary Easement	Establish a temporary Construction Compound to facilitate station improvement, platform extension and turnback works.	Low	Slight	Imperceptible
19728	B	15+900	Public Infrastructure (Road)	Low	0.005	Temporary Easement	Establish a temporary Construction Compound to facilitate turnback and	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							retaining wall works.			
18342	B	16+100	Commercial/Industrial	High	0.005	Temporary Easement	Establish a temporary Construction Compound to facilitate turnback and retaining wall works.	Low	Not Significant	Imperceptible
18301	B	16+300	Commercial/Industrial	High	0.001	Temporary Easement	Establish a temporary Construction Compound to facilitate turnback and SET works.	Low	Slight	Imperceptible
5571	B	16+400	Commercial/Industrial	High	0.153	Temporary Easement	Establish a temporary construction compound to facilitate turnback and retaining wall works.	Low	Slight	Imperceptible
16509	C	19+300	Residential	High	0.123	Temporary Easement	Utility Works	Low	Slight	Imperceptible
16434	C	19+400	Public Infrastructure (Road)	Low	0.004	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
32408	C	20+600	Private Road	Low	0.143	Temporary Easement	Access to OBB35	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							(Beaverstown Golf Club).			
293	C	23+700	Residential	High	0.012	Temporary Easement	Utility Works	Low	Slight	Imperceptible
1234	C	23+700	Residential	High	0.019	Temporary Easement	Utility Works	Low	Slight	Imperceptible
32233	C	25+000	Public Infrastructure (Road)	Low	0.017	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
1422	C	26+800	Residential	High	0.123	Temporary Easement	Utility Works	Low	Slight	Imperceptible
3095	C	27+000	Public Infrastructure (Road)	Low	0.004	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
16199	C	27+000	Commercial/Industrial	High	0.006	Temporary Easement	Utility Works	Low	Slight	Imperceptible
1494	C	27+100	Residential	High	0.028	Temporary Easement	Utility Works	Low	Slight	Imperceptible
3465	C	27+100	Public Infrastructure (Road)	Low	0.006	Temporary Easement	Utility Works	Low	Slight	Imperceptible
3466	C	27+100	Residential	High	0.009	Temporary Easement	Utility Works	Low	Slight	Imperceptible
32021	C	27+100	Public Infrastructure (Road)	Low	0.013	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
837	C	31+800	Private Road	Low	0.233	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
345	C	31+900	Private Road	Low	0.030	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
470	C	32+300	Development Lands	High	0.118	Temporary Easement	Utility Works	Low	Slight	Imperceptible
3870	C	32+300	Residential	High	0.036	Temporary Easement	Utility Works	Low	Slight	Imperceptible
261	C	32+500	Residential	High	0.014	Temporary Easement	Utility Works	Low	Slight	Imperceptible
2268	C	32+500	Residential	High	0.062	Temporary Easement	Utility Works	Low	Slight	Imperceptible
1387	C	32+600	Residential	High	0.062	Temporary Easement	Utility Works	Low	Slight	Imperceptible
2871	C	34+700	Private Road	Low	0.007	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
1181	C	34+900	Residential	High	0.018	Temporary Easement	Utility Works	Low	Slight	Imperceptible
32380	C	34+900	Public Infrastructure	High	0.003	Temporary Easement	Utility Works	Low	Slight	Imperceptible
454	C	35+600	Public Infrastructure (Road)	Low	0.022	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
1799	C	35+600	Community (Park)/Public Open Space	High	0.032	Temporary Easement	Utility Works	Low	Slight	Imperceptible
17303	C	35+800	Community (Park)/Public Open Space	High	0.044	Temporary Easement	Utility Works	Low	Slight	Imperceptible
4517	D	39+800	Residential	High	0.033	Temporary Easement	Utility Works	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
32055	D	44+300	Private Road	Low	0.064	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
15578	D	44+400	Private Road	Low	0.026	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
32056	D	44+500	Public Infrastructure (Road)	Low	0.038	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
4588	D	44+600	Public Infrastructure (Road)	Low	0.064	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
4541	D	45+200	Residential	High	0.010	Temporary Easement	Utility Works	Low	Slight	Imperceptible
18529	D	47+700	Residential (Green Space)	High	0.013	Temporary Easement	Utility Works	Low	Slight	Imperceptible
12491	D	49+200	Public Infrastructure (Road)	Low	0.002	Temporary Easement	Utility Works	Low	Not Significant	Imperceptible
4980	D	49+800	Residential (Green Space)	High	0.045	Temporary Easement	Utility Works	Low	Slight	Imperceptible
4124	E	51+500	Residential	High	0.083	Temporary Easement	Utility Works	Low	Slight	Imperceptible
4141	E	51+500	Residential	High	0.017	Temporary Easement	Utility Works	Low	Slight	Imperceptible
4467	E	51+600	Residential (Green Space)	High	0.0001	Temporary Easement	Utility Works	Low	Slight	Imperceptible
32218	E	51+600	Development Lands	High	0.003	Temporary Easement	Utility Works	Low	Slight	Imperceptible
4118	E	51+700	Development Lands	High	0.653	Temporary Easement	Proposed access to construction	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							compound shall be via R150.			
32223	E	51+700	Development Lands	High	0.468	Temporary Easement	Proposed access to construction compound shall be via R150.	Low	Slight	Imperceptible

\*LPID = land parcel identification number

**Table 17-8 Assessment of the Impact of Temporary Landtake on Non-agricultural Properties – Seventh Schedule: Part 1**

LPID*	Zon e	Chainag e	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
25498	C	29+000	Private Road	Low	0.004	Public Right of Way temporarily interrupted	Proposed access to temporary construction compound shall be via private access road off Skerries Golf Link Road.	Low	Not Significant	Imperceptible
16842	C	35+800	Public Infrastructure (Road)	Low	0.001	Public Right of Way temporarily interrupted	Installation of a new underground low voltage power line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible
17022	C	35+900	Community (Park)/Public Open Space	High	0.002	Public Right of Way temporarily interrupted	Installation of OHLE.	Low	Slight	Imperceptible
5628	C	36+000	Public Infrastructure	High	0.021	Public Right of Way temporarily interrupted	Installation of OHLE.	Low	Slight	Imperceptible
14183	C	36+000	Public Infrastructure (Road)	Low	0.002	Public Right of Way temporarily interrupted	Installation of OHLE.	Low	Not Significant	Imperceptible
15469	C	36+000	Public Infrastructure (Road)	Low	0.007	Public Right of Way temporarily interrupted	Installation of OHLE.	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
17019	C	36+000	Residential (Apartments)	High	0.0002	Public Right of Way temporarily interrupted	Installation of OHLE.	Low	Slight	Imperceptible
26953	C	36+000	Public Infrastructure (Road)	Low	0.001	Public Right of Way temporarily interrupted	Installation of OHLE.	Low	Not Significant	Imperceptible
32432	C	36+000	Public Infrastructure (Road)	Low	0.055	Public Right of Way temporarily interrupted	Installation of OHLE.	Low	Not Significant	Imperceptible
15966	D	41+400	Public Infrastructure (Road)	Low	0.002	Public Right of Way temporarily interrupted	Modifications to overbridge Local Access Adjacent Gormanston Camp (OBB68) parapets providing compliance with OHLE infrastructure safety requirements.	Low	Not Significant	Imperceptible
32396	E	51+700	Residential	High	0.0004	Public Right of Way temporarily interrupted	Realignment of McGrath's Lane (north of overbridge) to suit overbridge replacement works, including all necessary civils works.	Low	Slight	Imperceptible
16146	E	51+900	Public Infrastructure (Road)	Low	0.013	Public Right of Way temporarily interrupted	Realignment of McGrath's Lane (north of overbridge) to suit overbridge replacement works, including all necessary civils works.	Low	Not Significant	Imperceptible

\*LPID = land parcel identification number

**Table 17-9 Assessment of the Impact of Temporary Landtake on Non-agricultural Properties – Seventh Schedule: Part 2**

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
2992	B	10+000	Development Lands	High	0.016	Private Right of Way temporarily interrupted	Establish a temporary Construction Compound to facilitate construction of a new SEB, station improvement, platform extension, turnback works and retaining wall. Access shall be via the R123. Works will include fencing / hoarding and may also include site offices, welfare facilities, storage facilities and workshops as well as storage of certain construction plant and equipment required to carry out the works.	Low	Slight	Imperceptible

\*LPID = land parcel identification number

## 17.6.2 Potential Operational Impacts

Landtake will be required to for proposed permanent works outside IÉ ownership. The need for landtake depends on the operational requirement for it. Generally, where land take has been required for permanent infrastructure outside IÉ land it is for either for new substations which cannot be located within the railway corridor or for utility diversions. Different types of landtake are placed on separate schedules within the draft Railway Order. For permanent landtake these include:

- Second Schedule – Part 1: Land which may be acquired;
- Second Schedule – Part 2: Structures to which brackets, cables, wires, poles or other fixtures may be attached;
- Second Schedule – Part 3: Airspace which may be acquired;
- Fourth Schedule – Part 1: Land over which Permanent Private Rights of Way or Other Easements may be acquired;
- Fifth Schedule – Public Rights, including Public Rights of Way which may be extinguished or altered; and
- Sixth Schedule – Private Rights, including Private Rights of Way which may be extinguished or altered.

The Proposed Development will involve a total non-agricultural permanent land-take of approximately 7.2ha. Approximately 3.4ha of this are for lands over which Permanent Private Rights of Way or Other Easements may be acquired (of which approximately 1.7ha are on public roads). No landtake is required on any property that requires the demolition of a residential, community or commercial building. Assets such as bridges, viaducts, walkways and roads may be altered for the Proposed Development. Utilities will be diverted and decommissioned as necessary. This is further detailed in Chapter 4 (Description of the Proposed Development) and Chapter 5 (Construction Strategy) of the EIAR.

Measures to mitigate the adverse effects of the Proposed Development are described in Section 17.7.2.

An assessment of the permanent impact of the Proposed Development on non-agricultural property and a summary of the impact prior to any mitigation is presented in Table 17-10 to Table 17-15. The tables have been presented as they appear in the schedules within the draft Railway Order. These are presented below.

**Table 17-10 Assessment of the Impact of Permanent Landtake on Non-agricultural Properties – Second Schedule: Part 1**

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
22106	B	09+000	Public Infrastructure (Road)	Low	0.007	Permanent	Modification to Howth Junction & Donaghmede Station.	Low	Not Significant	Imperceptible
1369	B	09+200	Community (Park)/Public Open Space	High	0.068	Permanent	Modification to Howth Junction & Donaghmede Station.	Low	Slight	Slight
2196	B	10+000	Development Lands	High	0.077	Permanent	Existing railway corridor. No works proposed.	Very Low	Not Significant	Imperceptible
2798	B	10+000	Residential	High	0.001	Permanent	Construction of retaining wall to support trackwork serving new platform., SEB and access.	Low	Slight	Slight
2992	B	10+000	Development Lands	High	0.262	Permanent	Utility works, construction of Signalling Equipment Building (SEB), station improvement, platform extension, turnback works, retaining wall.	Medium	Significant	Slight
31914	B	10+000	Residential (Green Space)	High	0.004	Permanent	Construction of Signalling Equipment Building (SEB), including installation of equipment and cable connections to receiving network.	Low	Slight	Slight
32374	B	10+700	Development Lands	High	0.490	Permanent	Proposed track works - includes track works to facilitate access to new	Medium	Significant	Significant

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							platform by installing new turnouts and modifications to associated impacted assets such as electrification. Construction of new embankment to support the new track works. Construction of culvert extension to existing UBB18B to support trackwork. Construction of new single span arch bridge carrying new trackwork. The new bridge will be constructed adjacent to existing UBB19/19A.			
427	B	11+000	Development Lands	High	0.395	Permanent	Construction of new single span arch bridge carrying new trackwork. The new bridge will be constructed adjacent to existing UBB19/19A. Construction of new embankment to support the new track works.	Medium	Significant	Significant
1366	B	11+000	Development Lands	High	0.046	Permanent	Construction of new embankment to support the new track works.	Low	Slight	Slight
3516	B	18+100	Private Road	Low	0.001	Permanent	Installation of a new underground 600mm diameter pipe to facilitate Otter Crossing underneath the track.	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
16563	B	18+100	Government/Public Building or Land	High	0.001	Permanent	Installation of a new underground 600mm diameter pipe to facilitate Otter Crossing underneath the track.	Low	Slight	Imperceptible
19610	C	23+600	Public Infrastructure (Road)	Low	0.001	Permanent	Trackworks under overbridge (OBB39) carrying Station Road (R128) including lowering of tracks to provide sufficient vertical clearance to install overhead line electrification.	Low	Not Significant	Imperceptible
825	C	32+200	Private Road	Low	0.012	Permanent	Proposed access to permanent substation compound.	Medium	Slight	Slight
3053	C	32+300	Private Road	Low	0.035	Permanent	Proposed access to permanent substation compound.	Medium	Slight	Slight
17732	C	36+400	Commercial/Industrial	High	0.002	Permanent	Existing railway corridor. No works proposed.	Very Low	Not Significant	Imperceptible
4517	D	39+800	Residential	High	0.001	Permanent	Installation of a new underground telecommunication line as a diversion to facilitate the removal of existing.	Low	Slight	Slight
16018	D	39+800	Public Infrastructure (Road)	Low	0.001	Permanent	Installation of a new underground telecommunication line as a diversion to facilitate the removal of existing.	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
5553	D	41+400	Government/ Public Building or Lands	High	0.740	Permanent	Construction of Gormanston electrical substation to enable electrification of the line. It will be located within a dedicated compound accessed via a local road adjacent to Gormanston Camp, off the R132.	Medium	Significant	Significant
4794	D	47+000	Development Lands	High	0.802	Permanent	Construction of Bettystown electrical substation to enable electrification of the line. It will be located within a dedicated compound accessed via Narrowways Road. The compound will include a new track access point to maintain track and electrification assets.	Medium	Significant	Significant
18897	D	47+100	Public Infrastructure (Road)	Low	0.003	Permanent	Proposed permanent access to Bettystown substation via Narrowways Road L5632.	Medium	Slight	Slight
4601	D	49+700	Public Infrastructure (Road)	Low	0.003	Permanent	Trackworks under overbridge carrying Colpe Road (OBB78) including lowering of tracks to provide sufficient vertical clearance to install overhead line electrification	Low	Not Significant	Imperceptible
4980	D	49+800	Residential (Green Space)	High	0.048	Permanent	Trackworks under overbridge carrying Colpe Road (OBB78) including lowering of tracks to provide sufficient vertical	Low	Slight	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
							clearance to install overhead line electrification			
4118	E	51+700	Development Lands	High	0.191	Permanent	<p>Diversion underground of an existing overhead power line which crosses the track at approx. chainage 51+700. Including receiving zones for directional drilling as well as erection of poles and supports local to the crossing point. Areas impacted by the works will be reinstated accordingly.</p> <p>Realignment of McGrath's Lane (north of overbridge) to suit overbridge replacement works, including all necessary civils works.</p>	Low	Slight	Slight
32396	E	51+700	Residential	High	0.014	Permanent	Realignment of McGrath's Lane (north of overbridge) to suit overbridge replacement works, including all necessary civils works.	Low	Slight	Slight
16146	E	51+900	Public Infrastructure (Road)	Low	0.017	Permanent	Realignment of McGrath's Lane (north of overbridge) to suit overbridge replacement works, including all necessary civils works.	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
4459	E	52+000	Development Lands	High	0.381	Permanent	Construction of Drogheda electrical substation to enable electrification of the line. It will be located within a dedicated compound accessed through Drogheda Depot.	Medium	Significant	Significant
20655	E	52+300	Residential	High	0.004	Permanent	Construction of emergency egress to existing public footpath on St Mary's Villas including ramp, walkway and fencing.	Medium	Significant	Significant
20657	E	52+300	Public Infrastructure (Road)	Low	0.004	Permanent	Realignment of McGrath's Lane (south of overbridge) to suit overbridge replacement works, including all necessary civils works.	Medium	Slight	Slight

\*LPID = land parcel identification number

**Table 17-11 Assessment of the Impact of Permanent Landtake on Non-agricultural Properties – Second Schedule: Part 2**

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
5571	B	16+400	Commercial/Industrial	High	0.001	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Slight	Imperceptible
1289	C	18+900	Public Infrastructure (Road)	Low	0.0002	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Not Significant	Imperceptible
16842	C	35+800	Public Infrastructure (Road)	Low	0.002	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Not Significant	Imperceptible
17022	C	35+900	Community (Park)/Public Open Space	High	0.005	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Slight	Imperceptible
5628	C	36+000	Public Infrastructure	High	0.029	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Slight	Imperceptible
14183	C	36+000	Public Infrastructure (Road)	Low	0.002	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Not Significant	Imperceptible
15469	C	36+000	Public Infrastructure (Road)	Low	0.008	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Not Significant	Imperceptible
17019	C	36+000	Residential (Apartments)	High	0.001	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Slight	Imperceptible
26953	C	36+000	Public Infrastructure (Road)	Low	0.002	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
16018	D	39+800	Public Infrastructure (Road)	Low	0.0002	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Not Significant	Imperceptible
4965	D	44+400	Community (Park)/Public Open Space	High	0.002	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Slight	Imperceptible
4588	D	44+600	Public Infrastructure (Road)	Low	0.001	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Not Significant	Imperceptible
27642	D	44+600	Public Infrastructure (Road)	Low	0.001	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Not Significant	Imperceptible
4918	D	44+700	Public Infrastructure (Road)	Low	0.001	Permanent	Structures to which brackets, cables, wires, poles or other fixtures may be attached	Low	Not Significant	Imperceptible

\*LPID = land parcel identification number

**Table 17-12 Assessment of the Impact of Permanent Landtake on Non-agricultural Properties – Second Schedule: Part 3**

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
19742	B	18+600	Public Infrastructure (Road)	Low	0.0015	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
16284	C	22+300	Public Infrastructure (Road)	Low	0.014	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
16771	C	22+300	Public Infrastructure (Road)	Low	0.019	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
23081	C	32+400	Public Infrastructure (Road)	Low	0.009	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
2268	C	32+500	Residential	High	0.006	Permanent	Airspace which may be acquired	Low	Slight	Imperceptible
19272	C	36+600	Public Infrastructure (Road)	Low	0.0025	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
26770	C	36+600	Public Infrastructure (Road)	Low	0.0018	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
2346	C	39+200	Private Road	Low	0.019	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
32427	D	39+400	Government/Public Building or Lands	High	0.0032	Permanent	Airspace which may be acquired	Low	Slight	Imperceptible
32448	D	39+400	Public Infrastructure	Low	0.0006	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
4609	D	40+700	Public Infrastructure (Road)	Low	0.008	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
4969	D	40+700	Public Infrastructure (Road)	Low	0.007	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
15974	D	40+700	Public Infrastructure (Road)	Low	0.0019	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
19194	D	42+400	Government/Public Building or Lands	High	0.0026	Permanent	Airspace which may be acquired	Low	Slight	Imperceptible
4918	D	44+700	Public Infrastructure (Road)	Low	0.009	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
15664	D	44+700	Public Infrastructure (Road)	Low	0.012	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
12692	D	47+600	Public Infrastructure (Road)	Low	0.006	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible
12694	D	47+600	Public Infrastructure (Road)	Low	0.007	Permanent	Airspace which may be acquired	Low	Not Significant	Imperceptible

\*LPID = land parcel identification number

**Table 17-13 Assessment of the Impact of Permanent Landtake on Non-agricultural Properties – Fourth Schedule: Part 1**

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
3941	A	02+700	Government/Public Building or Lands	High	0.047	Permanent	Utility works	Low	Slight	Slight
2992	B	10+000	Development Lands	High	0.039	Permanent	Utility works	Low	Slight	Slight
19742	B	18+600	Public Infrastructure (Road)	Low	0.003	Permanent	Utility works	Low	Not Significant	Imperceptible
32020	C	18+800	Public Infrastructure (Road)	Low	0.078	Permanent	Utility works	Low	Not Significant	Imperceptible
1289	C	18+900	Public Infrastructure (Road)	Low	0.132	Permanent	Utility works	Low	Not Significant	Imperceptible
1900	C	18+900	Public Infrastructure (Road)	Low	0.218	Permanent	Utility works	Low	Not Significant	Imperceptible
31951	C	18+900	Public Infrastructure (Road)	Low	0.002	Permanent	Utility works	Low	Not Significant	Imperceptible
32019	C	18+900	Public Infrastructure	Low	0.101	Permanent	Utility works	Low	Not Significant	Imperceptible
32267	C	18+900	Public Infrastructure (Road)	Low	0.005	Permanent	Utility works	Low	Not Significant	Imperceptible

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
16415	C	19+000	Public Infrastructure (Road)	Low	0.099	Permanent	Utility works	Low	Not Significant	Imperceptible
16353	C	19+600	Public Infrastructure (Road)	Low	0.003	Permanent	Utility works	Low	Not Significant	Imperceptible
32408	C	20+600	Private Road	Low	0.057	Permanent	Access to OBB35	Low	Not Significant	Imperceptible
1234	C	23+700	Residential	High	0.005	Permanent	Utility works	Low	Slight	Slight
1465	C	23+700	Public Infrastructure (Road)	Low	0.031	Permanent	Utility works	Low	Not Significant	Imperceptible
2830	C	23+700	Public Infrastructure (Road)	Low	0.016	Permanent	Utility works	Low	Not Significant	Imperceptible
3063	C	23+700	Public Infrastructure (Road)	Low	0.016	Permanent	Utility works	Low	Not Significant	Imperceptible
922	C	24+200	Residential	High	0.002	Permanent	Utility works	Low	Slight	Slight
2151	C	26+000	Residential	High	0.009	Permanent	Utility works	Low	Slight	Slight
1462	C	26+100	Residential	High	0.0004	Permanent	Utility works	Low	Slight	Slight
1422	C	26+800	Residential	High	0.004	Permanent	Utility works	Low	Slight	Slight

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
3984	C	26+800	Residential	High	0.070	Permanent	Utility works	Low	Slight	Slight
3095	C	27+000	Public Infrastructure (Road)	Low	0.008	Permanent	Utility works	Low	Not Significant	Imperceptible
16199	C	27+000	Commercial/Industrial	High	0.010	Permanent	Utility works	Low	Slight	Slight
1494	C	27+100	Residential	High	0.009	Permanent	Utility works	Low	Slight	Slight
3133	C	27+100	Public Infrastructure (Road)	Low	0.028	Permanent	Utility works	Low	Not Significant	Imperceptible
3294	C	27+100	Public Infrastructure (Road)	Low	0.028	Permanent	Utility works	Low	Not Significant	Imperceptible
3465	C	27+100	Public Infrastructure (Road)	Low	0.013	Permanent	Utility works	Low	Not Significant	Imperceptible
25153	C	27+100	Public Infrastructure (Road)	Low	0.001	Permanent	Utility works	Low	Not Significant	Imperceptible
25425	C	27+100	Public Infrastructure (Road)	Low	0.001	Permanent	Utility works	Low	Not Significant	Imperceptible
25436	C	27+100	Public Infrastructure (Road)	Low	0.002	Permanent	Utility works	Low	Not Significant	Imperceptible

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
32021	C	27+100	Public Infrastructure (Road)	Low	0.024	Permanent	Utility works	Low	Not Significant	Imperceptible
32318	C	27+100	Residential	High	0.005	Permanent	Utility works	Low	Slight	Slight
825	C	32+200	Private Road	Low	0.011	Permanent	Utility works	Low	Not Significant	Imperceptible
470	C	32+300	Development Lands	High	0.076	Permanent	Utility works	Low	Slight	Slight
3053	C	32+300	Private Road	Low	0.011	Permanent	Utility works	Low	Not Significant	Imperceptible
3870	C	32+300	Residential	High	0.019	Permanent	Utility works	Low	Slight	Slight
23081	C	32+400	Public Infrastructure (Road)	Low	0.009	Permanent	Utility works	Low	Not Significant	Imperceptible
2268	C	32+500	Residential	High	0.026	Permanent	Utility works	Low	Slight	Slight
9266	C	32+800	Public Infrastructure (Road)	Low	0.228	Permanent	Utility works	Low	Not Significant	Imperceptible
3809	C	34+100	Residential	High	0.044	Permanent	Utility works	Low	Slight	Slight
17681	C	34+600	Residential	High	0.006	Permanent	Utility works	Low	Slight	Slight
32457	C	34+600	Residential	High	0.010	Permanent	Utility works	Low	Slight	Slight

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
169	C	34+700	Residential	High	0.004	Permanent	Utility works	Low	Slight	Slight
885	C	34+700	Residential	High	0.003	Permanent	Utility works	Low	Slight	Slight
1354	C	34+700	Residential	High	0.003	Permanent	Utility works	Low	Slight	Slight
1410	C	34+700	Residential	High	0.002	Permanent	Utility works	Low	Slight	Slight
1627	C	34+700	Residential	High	0.003	Permanent	Utility works	Low	Slight	Slight
934	C	34+800	Residential	High	0.002	Permanent	Utility works	Low	Slight	Slight
1332	C	34+800	Residential	High	0.004	Permanent	Utility works	Low	Slight	Slight
1343	C	34+800	Residential	High	0.002	Permanent	Utility works	Low	Slight	Slight
1412	C	34+800	Residential	High	0.004	Permanent	Utility works	Low	Slight	Slight
19609	C	34+800	Residential	High	0.001	Permanent	Utility works	Low	Slight	Slight
27532	C	34+800	Residential	High	0.004	Permanent	Utility works	Low	Slight	Slight
985	C	34+900	Community (Park)/Public Open Space	High	0.057	Permanent	Utility works	Low	Slight	Slight

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
3070	C	34+900	Residential	High	0.011	Permanent	Utility works	Low	Slight	Slight
32380	C	34+900	Public Infrastructure	High	0.009	Permanent	Utility works	Low	Slight	Slight
1859	C	35+000	Public Infrastructure (Road)	Low	0.084	Permanent	Utility works	Low	Not Significant	Imperceptible
3080	C	35+000	Community (Park)/Public Open Space	High	0.087	Permanent	Utility works	Low	Slight	Slight
3943	C	35+000	Public Infrastructure (Road)	Low	0.006	Permanent	Utility works	Low	Not Significant	Imperceptible
232	C	35+300	Residential	High	0.001	Permanent	Utility works	Low	Slight	Slight
642	C	35+300	Residential	High	0.004	Permanent	Utility works	Low	Slight	Slight
992	C	35+300	Residential	High	0.002	Permanent	Utility works	Low	Slight	Slight
2155	C	35+300	Residential	High	0.055	Permanent	Utility works	Low	Slight	Slight
3184	C	35+300	Residential	High	0.013	Permanent	Utility works	Low	Slight	Slight
17355	C	35+300	Public Infrastructure (Road)	Low	0.078	Permanent	Utility works	Low	Not Significant	Imperceptible

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
2128	C	35+400	Residential	High	0.001	Permanent	Utility works	Low	Slight	Slight
3196 1	C	35+400	Residential	High	0.002	Permanent	Utility works	Low	Slight	Slight
1856	C	35+500	Public Infrastructure (Road)	Low	0.023	Permanent	Utility works	Low	Not Significant	Imperceptible
1750 4	C	35+500	Residential	High	0.001	Permanent	Utility works	Low	Slight	Slight
454	C	35+600	Public Infrastructure (Road)	Low	0.093	Permanent	Utility works	Low	Not Significant	Imperceptible
1738 7	C	35+700	Public Infrastructure (Road)	Low	0.002	Permanent	Utility works	Low	Not Significant	Imperceptible
1684 2	C	35+800	Public Infrastructure (Road)	Low	0.327	Permanent	Utility works	Low	Not Significant	Imperceptible
1723 8	C	35+800	Residential	High	0.0003	Permanent	Utility works	Low	Slight	Slight
1724 0	C	35+800	Residential	High	0.001	Permanent	Utility works	Low	Slight	Slight
1724 4	C	35+800	Residential	High	0.008	Permanent	Utility works	Low	Slight	Slight
3194 3	C	35+800	Commercial/Industrial	High	0.018	Permanent	Utility works	Low	Slight	Slight

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
5558	C	35+900	Public Infrastructure (Road)	Low	0.004	Permanent	Utility works	Low	Not Significant	Imperceptible
5638	C	35+900	Public Infrastructure	Low	0.004	Permanent	Utility works	Low	Not Significant	Imperceptible
1441	C	36+000	Public Infrastructure	High	0.001	Permanent	Utility works	Low	Slight	Slight
5628	C	36+000	Public Infrastructure	High	0.022	Permanent	Utility works	Low	Slight	Slight
26963	C	36+000	Public Infrastructure (Road)	Low	0.004	Permanent	Utility works	Low	Not Significant	Imperceptible
26731	C	36+400	Public Infrastructure (Road)	Low	0.026	Permanent	Utility works	Low	Not Significant	Imperceptible
32379	C	36+400	Residential	High	0.003	Permanent	Utility works	Low	Slight	Slight
26766	C	36+500	Residential	High	0.028	Permanent	Utility works	Low	Slight	Slight
1117	C	36+600	Community (Park)/Public Open Space	High	0.002	Permanent	Utility works	Low	Slight	Slight
19272	C	36+600	Public Infrastructure (Road)	Low	0.005	Permanent	Utility works	Low	Not Significant	Imperceptible

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
26857	D	39+500	Public Infrastructure (Road)	Low	0.004	Permanent	Utility works	Low	Not Significant	Imperceptible
4517	D	39+800	Residential	High	0.050	Permanent	Utility works	Low	Slight	Slight
16018	D	39+800	Public Infrastructure (Road)	Low	0.024	Permanent	Utility works	Low	Not Significant	Imperceptible
4965	D	44+400	Community (Park)/Public Open Space	High	0.189	Permanent	Utility works	Low	Slight	Slight
4554	D	45+000	Community (Park)/Public Open Space	High	0.028	Permanent	Utility works	Low	Slight	Slight
4982	D	45+100	Residential (Green Space)	High	0.049	Permanent	Utility works	Low	Slight	Slight
4584	D	47+600	Public Infrastructure (Road)	Low	0.002	Permanent	Utility works	Low	Not Significant	Imperceptible
4587	D	47+600	Public Infrastructure (Road)	Low	0.009	Permanent	Utility works	Low	Not Significant	Imperceptible
4947	D	47+600	Public Infrastructure (Road)	Low	0.038	Permanent	Utility works	Low	Not Significant	Imperceptible
12692	D	47+600	Public Infrastructure (Road)	Low	0.006	Permanent	Utility works	Low	Not Significant	Imperceptible

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
12694	D	47+600	Public Infrastructure (Road)	Low	0.007	Permanent	Utility works	Low	Not Significant	Imperceptible
4680	D	47+700	Public Infrastructure (Road)	Low	0.011	Permanent	Utility works	Low	Not Significant	Imperceptible
18529	D	47+700	Residential (Green Space)	High	0.005	Permanent	Utility works	Low	Slight	Slight
31945	D	47+700	Residential (Green Space)	High	0.001	Permanent	Utility works	Low	Slight	Slight
12491	D	49+200	Public Infrastructure (Road)	Low	0.017	Permanent	Utility works	Low	Not Significant	Imperceptible
12690	D	49+200	Public Infrastructure (Road)	Low	0.030	Permanent	Utility works	Low	Not Significant	Imperceptible
4980	D	49+800	Residential (Green Space)	High	0.019	Permanent	Utility works	Low	Slight	Slight
4985	D	50+300	Residential (Green Space)	High	0.021	Permanent	Utility works	Low	Slight	Slight
4124	E	51+500	Residential	High	0.146	Permanent	Utility works	Low	Slight	Slight
32218	E	51+600	Development Lands	High	0.001	Permanent	Utility works	Low	Slight	Slight
4118	E	51+700	Development Lands	High	0.154	Permanent	Utility works	Low	Slight	Slight

LPID *	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
4284	E	51+700	Residential (Green Space)	High	0.084	Permanent	Utility works	Low	Slight	Slight
32396	E	51+700	Residential	High	0.012	Permanent	Utility works	Low	Slight	Slight

\*LPID = land parcel identification number

**Table 17-14 Assessment of the Impact of Permanent Landtake on Non-agricultural Properties – Fifth Schedule**

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
19610	C	23+600	Public Infrastructure (Road)	Low	0.001	Permanent Public Rights, including Public Rights of Way which may be altered	Track works under overbridge (OBB39) carrying Station Road (R128) including lowering of tracks to provide sufficient vertical clearance to install overhead line electrification.	Low	Not Significant	Imperceptible

\*LPID = land parcel identification number

**Table 17-15 Assessment of the Impact of Permanent Landtake on Non-agricultural Properties – Sixth Schedule**

LPID*	Zone	Chainage	Land Use Type	Baseline Rating	Area (ha)	CPO Type	Impact Description	Impact Rating	Significance of Impact	Residual Effect
32396	E	51+700	Residential	High	0.008	Permanent Private Rights, including Private Rights of Way which may be altered.	Realignment of McGrath's Lane (north of overbridge) to suit overbridge replacement works, including all necessary civils works.	Low	Slight	Slight
16146	E	51+900	Public Infrastructure (Road)	Low	0.013	Permanent Private Rights, including Private Rights of Way which may be altered.	Realignment of McGrath's Lane (north of overbridge) to suit overbridge replacement works, including all necessary civils works.	Low	Slight	Imperceptible

\*LPID = land parcel identification number

### 17.6.3 Summary

Table 17-16 presents a summary of the impacts to the 228 non-agricultural properties (land parcels)<sup>2</sup> impacted by the Proposed Development during both the Construction and Operational Phases.

**Table 17-16 Summary of Impacts**

Significance of Effects	No. of landtake types	% of Total
Profound	0	0
Very Significant	0	0
Significant	8	1.9%
Moderate	0	0
Slight	237	56.6%
Not Significant	174	41.5%
Imperceptible	0	0
<b>Total</b>	<b>419</b>	<b>100%</b>

### 17.7 Mitigation Measures

This section describes the measures that when implemented will mitigate the adverse impacts on non-agricultural property. At this stage measures such as compensation for land acquisition and disturbance are not considered. These matters will be agreed, with landowners or their representative(s) once approval for the Proposed Development has been granted. If agreement is not possible, such compensation will be decided upon by an arbitrator.

Indirect impacts associated with other related environmental topics area presented in the relevant chapter:

- Chapter 6 (Traffic and Transport);
- Chapter 7 (Population);
- Chapter 12 (Air Quality);
- Chapter 14 (Noise and Vibration);
- Chapter 15 (Landscape and Visual);
- Chapter 16 (Material Assets: Utilities) and

<sup>2</sup> Note that an individual plot can be impacted by different types of landtake (permanent, temporary, easements, etc.) so the number of land take plots is greater than the overall number of properties (land parcels) affected.

- Chapter 23 (Human Health).

## **17.7.1 Construction Phase**

### **17.7.1.1 Temporary Land-take**

Following the completion of relevant construction works, lands temporarily acquired will be fully reinstated and returned to the landowner.

#### **17.7.1.2 Access to Property**

Access will be maintained to all affected properties as far as reasonably practicable and if interruption is necessary, it will be pre-notified to the property owner / occupant and it will be restored without unreasonable delay. Traffic management measures will be put in place during the Construction Phase where temporary or minor diversions are required. These measures are detailed within Chapter 6 (Traffic and Transportation) in Volume 2 of this EIAR.

#### **17.7.1.3 Noise and vibration**

Timing of works and noise and vibration limit values are amongst the main measures to mitigate noise impacts on sensitive receptors. These measures are detailed within Chapter 14 (Noise and Vibration) in Volume 2 of this EIAR.

#### **17.7.1.4 Dust**

Dust suppression measures to mitigate generation and spread of dust are detailed within Chapter 12 (Air Quality) in Volume 2 of this EIAR. Mitigation measures will be implemented by the contractor during the Construction Phase to minimise the potential impacts to nearby sensitive receptors to reduce undue disturbance due to dust.

#### **17.7.1.5 Disturbance of Field Drainage**

In cases where drainage is impeded during the Construction Phase and causes difficulty to a particular property owner, temporary measures will be considered on a site-specific basis. This may include allowing waters to drain to less critical areas, so as to minimise the impact.

#### **17.7.1.6 Disturbance of Utility Services**

Where required, an alternative source of water / electricity will be provided to ensure that disruption is minimised during the Construction Phase. Further measures relating to utilities are detailed within Chapter 18 (Material Assets: Utilities) in Volume 2 of this EIAR.

## **17.7.2 Operational Phase**

The following general mitigation measures will be provided:

- Access will be maintained to all affected properties as far as reasonably practicable and if interrupted will be restored without unreasonable delay.

- Where part of the curtilage of a property is to be permanently acquired, the acquiring authority will hold discussions with the property owner and generally agree to replace boundaries on a like-for-like basis where possible, subject to safety considerations. Permanent boundary treatment will consist of a boundary that is comprised of one of the following:
  - a) Replacement boundary on a like-for-like basis.
  - b) Concrete post and wire.
  - c) Timber post and wire.
  - d) 2.4m Security Purpose (SP) Palisade fencing.
  - e) 2.4m Security Purpose (SP) Paladine fencing.
- Any services that are interfered with as a result of the Proposed Development will be repaired / replaced without unreasonable delay.
- The new drainage system will be designed to ensure that there will be no increased risk of flooding as a consequence of the Proposed Development.

## 17.8 Monitoring

No specific monitoring is required.

## 17.9 Residual Effects

The significance of the residual effects on property has been assessed following the implementation of general mitigation measures as outlined in Section 17.7. Table 17-17 presents a summary of the residual impacts to the 228 properties (land parcels) impacted by the Proposed Development<sup>3</sup> during both the Construction and Operational Phases.

**Table 17-17 Summary of Residual Effects**

Significance of Effects	No. of landtake types	% of Total
Profound	0	0
Very Significant	0	0
Significant	6	1.4%
Moderate	0	0
Slight	124	29.6%
Not Significant	0	0
Imperceptible	289	69.0%
<b>Total</b>	<b>419</b>	<b>100%</b>

Following mitigation there are no properties on which the residual impact is predicted to be Profound or Very Significant. There are no significant residual effects during the Construction Phase. During the Operational Phase there is a residual Significant effect on 6 properties, four of these are on development lands, one is on government lands at Gormanston Camp for the new substation and one is at a residential property on St Mary's Villas (Drogheda) where permanent access is required for the construction of emergency egress from the new platform to the existing public footpath on St Mary's Villas including ramp, walkway and fencing. The majority of impacts (over 98%) have a residual effect of Slight or less.

## 17.10 Cumulative Effects

The cumulative assessment of relevant plans and projects is undertaken separately in Chapter 26 of this EIAR.

<sup>3</sup> Note that an individual plot can be impacted by different types of landtake (permanent, temporary, easements, etc.) so the number of land take plots is greater than the overall number of properties (land parcels) affected.

## 17.11 References

EPA (2022) Guidelines on the Information to be Contained in Environmental Impact Assessment Reports. May 2022.

EPA (2015) Environmental Protection Agency Advice Notes for Preparing Environmental Impact Statements.

EPA (2003) Advice Notes on Current Practice (in the preparation of Environmental Impact Statements)

EPA (2002) Guidelines on the Information to Be Contained in Environmental Impact Statements