ENVIRONMENTAL IMPACT STATEMENT

For ease of local identification this Environmental Impact Statement (EIS) has been divided into seven areas. These areas are numbered Area MN101 to Area MN107 inclusive going from Belinstown in north County Dublin to St. Stephen’s Green in the city centre.

The environmental impact of the proposed scheme in each of these areas is set out in individual books numbered MN101 to MN107 and which collectively make up Volume 2 of this EIS.

The Environmental Impact Statement (EIS) is being published in three separate Volumes as follows:

VOLUME 1
Introduction to the scheme and a description of the receiving environment

Volume 1 of the EIS is set out in 25 Chapters as follows:

Chapter 1 Introduction
Chapter 2 Need and Objectives
Chapter 3 Legislation
Chapter 4 Planning and Policy Context
Chapter 5 Alternatives
Chapter 6 Description of the Scheme
Chapter 7 Consultation
Chapter 8 Human Health
Chapter 9 Difficulties Encountered
Chapter 10 – 25 Description of the baseline environment

VOLUME 2
Environmental Impact – Area MN101
Environmental Impact – Area MN102
Environmental Impact – Area MN103
Environmental Impact – Area MN104
Environmental Impact – Area MN105
Environmental Impact – Area MN106
Environmental Impact – Area MN107

Volume 2 of the EIS is set out in 18 Chapters as follows:

Chapter 1 Introduction to Areas MN101 -107
Chapter 2 Human Beings: Landuse
Chapter 3 Human Beings: Socio-economics
Chapter 4 Human Beings: Noise
Chapter 5 Human Beings: Vibration
Chapter 6 Human Beings: Radiation and Stray Current
Chapter 7 Human Beings: Traffic
Chapter 8 Flora and Fauna
Chapter 9 Soil and Geology
Chapter 10 Groundwater
Chapter 11 Surface Water
Chapter 12 Air and Climatic Factors
Chapter 13 Landscape and Visual
Chapter 14 Material Assets: Agronomy
Chapter 15 Material Assets: Archaeology, Architectural Heritage and Cultural Heritage
Chapter 16 Material Assets: Non Agricultural Property
Chapter 17 Material Assets: Utilities
Chapter 18 Interrelationships, Interactions and Cumulative Impacts

VOLUME 3
Book 1 of 2
Specialist maps – baseline and impact

Book 2 of 2
Annexes to the EIS

Volume 3 of the EIS is set out in 2 books.

Book 1 of 2 contains all baseline and impact assessment maps and Book 2 of 2 contains annexes to the EIS e.g. technical reports.

EIS NON-TECHNICAL SUMMARY (NTS)
EIS METHODOLOGY

The methodology used in this EIS generally involves the following steps:

- Definition of the study area;
- Data collection and description;
- Baseline description and evaluation;
- Identification of potential environmental impacts and the potential areas to be affected;
- Description and evaluation of the impacts;
- Derivation of mitigation measures to minimise the impact;
- Description of the residual impacts of the scheme.

Further detail in relation to the EIS methodology is provided in Volume 1 of the EIS.

ENVIRONMENTAL IMPACT STATEMENT

STUDY TEAM

The EIS was prepared on behalf of the Railway Procurement Agency (RPA) by a study team led by Environmental Resources Management (Ireland) Ltd, who were responsible for the overall assessment management and co-ordination as well as for the production of the Landuse, Socio-economics, Noise, Vibration (part), Radiation and Stray current, Flora and Fauna, Soil and Geology (part), Air and Climatic factors, Non Agricultural Property and Utilities chapters of this EIS. The other members of the study team are outlined in the table below.

<table>
<thead>
<tr>
<th>Input</th>
<th>Contributor</th>
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<tr>
<td>Human Health</td>
<td>EHA Consulting Group</td>
</tr>
<tr>
<td>Human Beings: Vibration</td>
<td>Rupert Taylor F.I.O.A</td>
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<td>Curtin Agricultural Consultants</td>
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<td>CRDS Ltd.</td>
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Metro North is the next phase of Dublin’s integrated light rail network. The proposed scheme will serve an 18km corridor from Belinstown in the north of County Dublin to St. Stephen’s Green in the city centre via Dublin Airport.
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Structure drawings
Balheary Bridge and Ward River Bridge
Structure drawings
Structure drawings
Estuary Viaduct (Sheet 2)
Structure drawings
Structure drawings
Chapel Lane Footbridge
Structure drawings
Structure drawings
Malahide South Footbridge Replacement