



**Legend**

- - - 50m Buffer (Air Quality & Climate)
- 100m Buffer (Noise & Vibration)
- Junction Improvement Proposals
- Coolmine Footbridge

With respect to junction improvements, the improvement works themselves will not change the existing noise environment significantly, and therefore buffers are not reviewed at these locations as they provide no function with respect to the comparative assessment. The potential for noise impacts to occur as a result of redistributed traffic on the local road network will be assessed in full as part of the EIAR.

V 01	May 2021	Public Consultation	MMC	FOK	BC
REV.	DATE	DESCRIPTION	PRODUCED BY	REVIEWED BY	APPROVED BY

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 Survey No. 0039721 (OSi Aerial Data or OSi LIDAR Data) & Survey No. 2021/OSI\_NMA\_180 (OSi Vector Data).  
 All elevations are in metres and relate to OSi Geoid Model (OSGM02) Mean Head as defined by existing Project Control.  
 All Co-ordinates are in Irish Transverse Mercator Grid (ITM) as defined by OSi active GPS station Tallaght College (TLG).

Client

Tionscald Eireann  
Project Ireland  
2040

NTA  
Údará Náisiúnta Iompar  
National Transport Authority

Irish Rail

Consultant

IDOM

G3

PROD  
ROUGHAN & O'DONOVAN

Project

DART+  
West

Drawing Title

OPTION SELECTION - COOLMINE  
SENSITIVE RECEPTORS 50m & 100m BUFFERS

Scale: 1:4,000

Drawing Number | Project | Originator | Discipline | Location | Type | Role | Number | Phase

MAY - MDC - ENV - LC02 - DR - V - 3002 B

Date: May 2021 | Job No: P/101086 | Status: S4 - Suitable for Acceptance | Rev: V 01 | Sheet: 1 of 1