Dublin -Maynooth Rail Line

Proposed Tree
Protection Fencing



PROTECTION
Site layout 23.06.2026

LEGEND

Soft Landscape

Extra Heavy Standard

Alnus glutinosa
Quercus robur (Irish Provenance)
Betula pendula
Betula pubescens
Prunus padus
18-20cmg; 4.0-5.0m height; root balled/wrapped.

Heavy Standard

Betula pendula
Betula pubescens
Prunus padus
12-14cmg; 3.5-4.5m height; root balled/wrapped.

Multi-Stems

Corylus avellana
Malus sylvestris
Salix caprea
multi-stem; 2.5-3.0m height/spread; root balled/wrapped; minimum of 8 breaks.

Groundcover Planting:

Sun:
Knautia macedonica
Lavandula angustifolia
Echinacea purpurea
Rubeckia fulgida 'Goldstrum'
Salvia nemerosa
Schizostylus cocinnea
Verbena bonariensis

Shade:
Ajuga reptans
Astilbe chinensis
Brunnera macrophylla 'Betty Bowring'
Luzula nivea
Luzula sylvatica
Athyrium filix-femina
Dryopteris filix-mas
Polystichum setiferum

Night Scented:
Oenothera biennis
Silene noctiflora
Matthiola bicornis
Silene nutans
Saponoria officinalis
Hesperis matronalis
Nicotiana alata

plants to be 2 litre container grown; planted at 7/m²

Native/Naturalised Hedgerow:

Crataegus monogyna **60%**
Prunus spinosa
Sambucus nigra
Hedera helix
Sorbus aucuparia
Ilex aquifolium
Prunus padus
Malus sylvestris
Crataegus monogyna (Irish Provenance)

planted at 5/m²; all bare-root; 600-900mm high, 1+1;

Climbers
(to provide additional privacy/screening to back garden boundaries):
Lonicera periclymenum
Jasminum officinale
Hedera helix
plants to be P9 container grown; planted at 3 per linear metre at the base of anti-climb security fence at back garden boundaries

Combined Grass and Wildflower Planting:

Note:
Ratio of Grass seed to Wildflower seed: 70:30

Grasses:
Agrotis stolonifera (Creeping Bent)
Festuca pratensis (Meadow Fescue)
Festuca rubra (Festuca)
Phleum pratense (Timothy)

Wildflowers:
Galium verum (Lady's Bedstraw)
Ajuga reptans (Bugle)
Ranunculus acris (Meadow Buttercup)
Chamaemelum nobile (Wild Chamomile)
Trifolium pratense (Red Clover)
Primula veris (Cowslip)
Leucanthmeum vulgare (Oxeye Daisy)
Leontodon saxatilis (Smooth Hawksbit)
Plantago lanceolata (Ribwort Plantain)
Briza media (Quaking Grass)
Prunella vulgaris (Selfheal)
Rumex acetosa (Sorrel)
Lotus corniculatus (Birdsfoot Trefoil)
Achillea millefolium (Yarrow)
Anthyllis vulneraria (Kidney Vetch)

Woodland Planting:

Sub-Tree Layer*:
Corylus avellana (20%)
Crataegus monogyna (Irish Provenance) (40%)
Ilex aquifolium (20%)
Prunus avium (20%)
bare-root; 600-900 height; 1+1 transplants

***sub-tree layer planted in as 1 plant per square metre; ensure no plant is located next to a plant of same species**

SHRUB LAYER:**
Euonymus europaeus (20%)
Prunus spinosa (50%)
Viburnum opulus (20%)
Rosa canina (10%)
bare-root; 600-900 height; 1+1 transplants

***shrub layer planted in as 2 plants per square metre; ensure no plant is located next to a plant of same species**

Wildflower Meadow:

Alexanders	Meadowsweet
Bladder Campion	Scented Mayweed
Burdock	Mullein
Common Vetch	Purple Loosestrife
Corn Marigold	Red Campion
Corn Poppy	St Johnswort
Corncockle	Sorrel, Teasel
Cornflower	Upright Hedge Parsley
Field Scabious	Weld -Yellow weed
Foxglove	Wild Angelica
Greater Trefoil	Wild Carrot
Hedge Garlic Mustard	Yarrow
Hemp Agrimony	Yellow Flag Iris
Cow-Parsley	Mugwort,
Lesser Knapweed	Pokeweed,
Opium Poppy	White Bedstraw.
Ox-eye Daisy	Yellow Agrimony

Sowing rates:
Pure wildflowers: 1 to 1.5 grams per metre.
If grass seed added: 1 to 5 grams per metre.
Cutting: Once a year is advised but there is no minimum requirement.

Hard Landscape

Proposed Path
Refer to Consulting Engineers drawings for details

Proposed Cycle Lane
Refer to Consulting Engineers drawings for details

Proposed Shared Surfacing
Refer to Consulting Engineers drawings for details

Proposed Boardwalk
Refer to Consulting Engineers drawings for details

Proposed Solid Oak Benches:
large solid oak benches: 5400 x 810mm; bespoke design; timber to be FSC; root fixed but not to interfere with Root Protection Areas

Proposed Cycle Stands
Sheffield Cycle Stand

Proposed Bridge
Refer to Consulting Engineers drawings for details

Existing Pedestrian Circulation

Proposed Tree Protection Fencing
Refer to arborists drawings for details

Proposed Fencing
Refer to Consulting Engineers drawings for details

Proposed Bridge
Delivered as part of the DART+West Scheme

NOTES:

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