

NTA

Údarás Náisiúnta Iompair
National Transport Authority



Active Travel Infrastructure

Cost Information Booklet
December 2024



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Preface

- The booklet is published to assist Sponsoring Agencies involved in Active Travel infrastructure to determine accuracy in their cost estimate at Grant Application Form (GAF) stage (NTA phase 1). The booklet contains completed sample projects which is recorded on a database for the 31 Local Authorities.
- Costs provided are final out-turn costs based on works completed by Sponsoring Agencies (Local Authorities) and funded by the National Transport Authority across the country. Costs include, construction costs / design team fees / utility provider costs / value added tax (VAT). Costs do not provide for Land costs unless otherwise stated in the key features. Examples also include schemes (bridges) funded by Transport Infrastructure Ireland (TII) and co-funded schemes with European Regeneration Development Fund (ERDF).
- Sponsoring Agencies who require further information (drawings / specifications) on a particular scheme are to liaise with their regional NTA Programme team.
- Costs included within the booklet have been adjusted for inflation to 2024 costs (indices).
- Cost ranges include Lower-Median-Upper. For classification purposes, the NTA note:
 - Lower would be a scheme in a rural location.
 - Median would be a scheme in a Town or village.
 - Upper would be a scheme in a very busy environment – typically a City with heavy traffic disruption and or schemes with complexities e.g., environmental or engineering challenges.

In all cases before a Grant Application Form (GAF) is submitted to the NTA – the Sponsoring Agency should discuss the cost band (Lower-Median-Upper) together with the proposed project scheme with their regional NTA Programme Manager for agreement.

Defined Terms

- “NTA” means National Transport Authority
- “TII” means Transport Infrastructure Ireland
- “ERDF” means European Regional Development Fund
- “Co” means County
- “per” means for each unit
- “km” means kilometer
- “No” means number
- “m” means metre

Active Travel Infrastructure Urban Greenways



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km



Works along a canal or riverbank in Urban (City) areas can be extremely complex and costs can vary considerably with environmental and retaining (including piling) elements substantially driving up costs. Sponsoring Agencies should liaise with their assigned NTA Programme Managers for guidance



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Shared path, 4m wide
2. SMA surfacing
3. Public lighting
4. Signalised toucan crossings (2 no)

Site location (Millars Lane, Galway City)

<https://maps.app.goo.gl/PP19NB6YuRbqFg817>

Scheme cost (indexed) €1,800,000 per km



Before



After



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Cycle track, 3m wide
2. Footpath, 2m wide
3. Landscaping
4. Low level public lighting

Site location (Baldoyle to Portmarnock Greenway, Dublin)

<https://maps.app.goo.gl/RnrxZbhdveu1XNHB9>

Scheme cost (indexed) €2,400,000 per km



Before



After



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Footpath, 2.5m wide
2. Cycle track, 3m wide
3. Public lighting
4. Fencing & landscaping

Site location (Castletroy, Limerick)

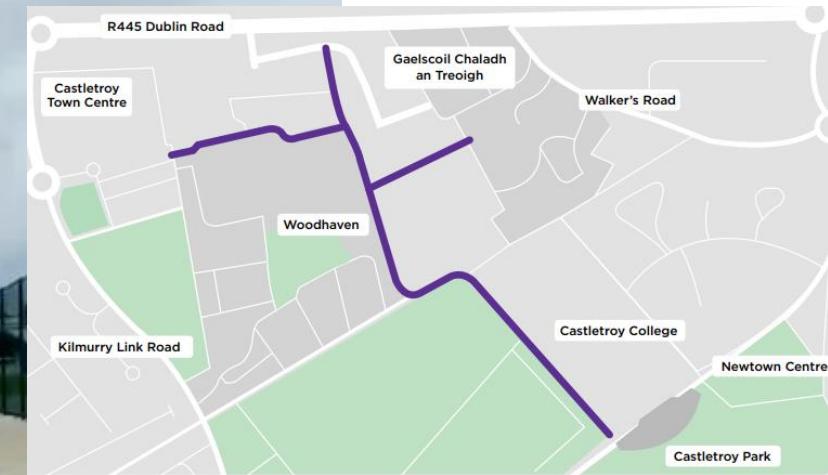
<https://goo.gl/maps/MKAi8Gf8q4YPkFab7>

Scheme cost (indexed) €2,400,000 per km



Before

After



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Shared pedestrian / cycle path, 4m wide
2. Signalised pedestrian & cycle crossings (2 number)
3. Public lighting
4. New kerbs
5. Landscaping

Site location (Dunkettle to Carrigtwohill - Glounthaune Section, Cork)

<https://goo.gl/maps/cWDtJsFfykCLcw5j8>

Scheme cost (indexed) €2,800,000 per km



Before

After



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Shared path, 4m wide
2. SMA surfacing
3. Public lighting
4. Accessible entry / exit points (no gates / barriers)
5. Focal point/realm area created adjacent to Dodder Weir

Site location (Dodder Greenway, Phase 3, South Dublin)

<https://maps.app.goo.gl/9vJjHMTD7AsuHNBA7>

Scheme cost (indexed) €2,500,000 per km



Before

After



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Shared pedestrian / cycle path, 4m wide
2. Traffic calming
3. Public lighting
4. New kerbs
5. Landscaping
6. Bus stops (1 no)
7. Junction upgrade
8. Side road junction upgrades (11 no)

Site location (Avonbeg Road, South Dublin)
<https://maps.app.goo.gl/4bti3Qkt3VwVLnP79>
Scheme cost (indexed) €2,000,000 per km



Before

After



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Shared pedestrian & cycle path (one side of road), 1,100m
2. Two-way cycle track, 50m
3. Side road junction upgrades, 7 No.
4. Pedestrian crossings, 4 No
5. Cycle stands, 15 no
6. Bus stop, 1 No
7. Cycle repair stations, 2 No
8. Shuttle system, 1 No
9. Public lighting

Site location (Ballinacurra to Middleton, Cork)

<https://maps.app.goo.gl/NVzyGkX7T7JG3WWB7>

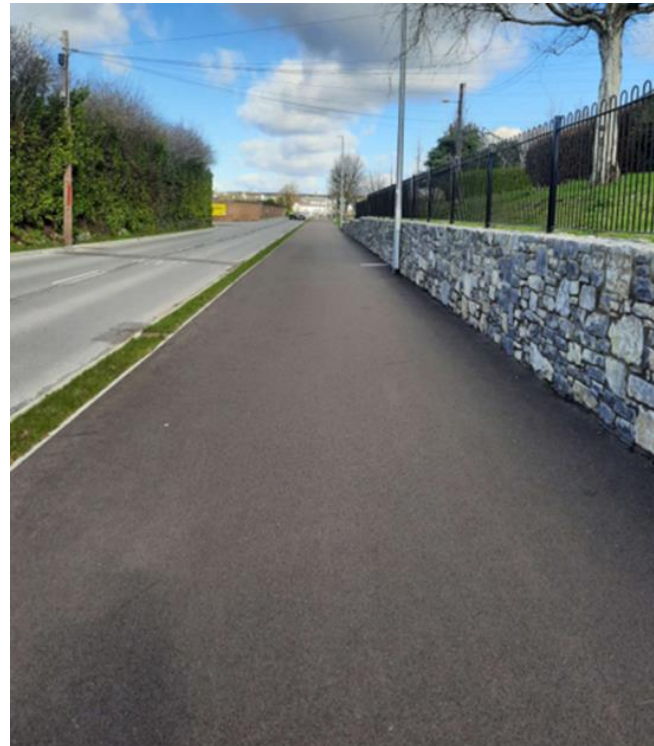
Scheme cost (indexed): €3,730,000 per km



Before



After



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Shared pedestrian / cycle path, 3,530m
2. New footpath, 874m
3. Footpath upgrade, 339m
4. Junction upgrade, 1 No / side road junctions upgrades, 5 No
5. Pedestrian crossings, 5 No
6. Public lighting
7. Landscaping

Site location (Dunkettle to Carrigtwohill (**Phase 1**), Cork)
<https://goo.gl/maps/cWDtJsFfykCLcw5j8>
Scheme cost (indexed) €2,730,000 per km



Before

After



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Shared pedestrian / cycle path, 550m (one side of road)
2. New footpaths, 340m (one side of road)
3. Traffic calming, 300m
4. Junction upgrade, 1 No
5. Side road junction upgrades, 3 No
6. Pedestrian crossings, 4 No
7. Public lighting
8. Kerbs

Site location (Dunkettle to Carrigtwohill (**Phase 2**), Cork
<https://maps.app.goo.gl/VwvihFTWfeSMv77x6>
Scheme cost (indexed) €2,550,000 per km



← Before

After →



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Shared pedestrian / cycle path, 800m
2. Public lighting
3. New kerbs
4. Landscaping / fencing
5. Land acquisition

Site location (Dunkettle to Carrigtwohill (**Phase 3A**), Cork
<https://maps.app.goo.gl/wpjkyr2eYRSDAsWm8>
Scheme cost (indexed) €1,800,000 per km



Before

After



Urban Greenways

Lower

€1,800,000 per km

Median

€2,500,000 per km

Upper

€4,000,000 per km

Key Features

1. Scheme length, 3,000m
2. Widening of existing surfaced area from 3m to 5m
3. Reconditioning existing railway platforms & bridge facades
4. Public lighting and CCTV
5. Street furniture
6. Extensive landscaping

Site location (Rail Greenway Improvement scheme, Phase 1)
(Pairc Uí Chaoimh to Mahon, Cork)
<https://maps.app.goo.gl/k5ebFyMboRAMPZUx7>
Scheme cost (indexed) €2,800,000 per km



Before



After



Active Travel Infrastructure Footpaths



Footpaths

Lower

€350,000 per km

Median

€500,000 per km

Upper

€700,000 per km

Key Features (One Side of Road)

1. New concrete footpath
2. New fencing
3. Landscaping (grass)
4. Kerbs (road)

Site location (Ballyhaden Road, Borrisokane, Tipperary)

<https://maps.app.goo.gl/ZRL9tr6qFZdhbnkZ8>

Scheme cost (indexed) €505,000 per km



Before



After



Footpaths

Lower

€350,000 per km

Median

€500,000 per km

Upper

€700,000 per km

Key Features

1. New concrete footpath - 806m (total)
2. Side junction upgrade - 1 No
3. Traffic calming (road realigned) – 70m
4. Zebra crossing – 1 No
5. Main road carriageway planed & re-surfaced (370m)
6. Line marking
7. Kerbs

Site location (Ballycumber, Offaly)

<https://maps.app.goo.gl/jDEbjnNP1YbxjFn2A>

Scheme cost (indexed) €545,000 per km



Before



After



Footpaths

Lower

€350,000 per KM

Median

€500,000 per km

Upper

€700,000 per km

Key Features (One Side of Road)

1. New SMA footpath (one side)
2. New Slip form kerb

Site location (R442, Clonaslee College, Laois)
<https://maps.app.goo.gl/7a8gj8G97wzEAUDJ9>
Scheme cost (indexed) €400,000 per km



Before

After



Footpaths

Lower

€350,000 per km

Median

€500,000 per km

Upper

€700,000 per km

Key Features (One Side of Road)

1. New SMA footpath (one side)
2. New slip form kerb
3. New public lighting
4. Road drainage improvements

Site location (The Rock, Mountmellick, Laois)

<https://maps.app.goo.gl/t3bnuTJX6nqUGNbBA>

Scheme cost (indexed) €455,000 per km



← Before

After →



Footpaths

Lower

€350,000 per km

Median

€500,000 per km

Upper

€700,000 per km

Key Features (One Side of Road)

1. New concrete footpath (one side)
2. New kerbs (precast)
3. New public lighting
4. Junction tightening (1 no.) also formed part of the scheme (concrete paths either side of junction, extends approx. 15m either side)

Site location (R162, Ballybay Monaghan)

<https://maps.app.goo.gl/yWGnJDdJpoD4Sedu5>

Scheme cost (indexed) €505,000 per km



Before

After



Footpaths

Lower

€350,000 per km

Median

€500,000 per km

Upper

€700,000 per km

Key Features (One Side of Road)

1. New SMA surface footpath (one side)
2. New public lighting
3. New slip form kerb

Site location (Dungloe, Donegal)

<https://maps.app.goo.gl/3fkkkGAMztLaBxd39>

Scheme cost (indexed) €735,000 per km



Before



After



Footpaths

Lower

€350,000 per km

Median

€500,000 per km

Upper

€700,000 per km

Key Features (One Side of Road)

1. Land acquisition
2. Removal of existing hedgerow
2. Footpath SMA surface footpath (one side)
3. New slip form kerb
4. Public Lighting
5. Raised Zebra pedestrian crossing
6. Belisha beacon & lighting
7. Main carriage re-surfacing

Site location (Ballinamore, Leitrim):

<https://maps.app.goo.gl/rnF1b5VQKbaLgo158>

Scheme cost (indexed) €515,000 per km



Before
After



Footpaths

Lower

€350,000 per km

Median

€500,000 per km

Upper

€700,000 per km

Key Features (One Side of Road)

1. New pedestrian paths
2. Precast kerbs
3. New pedestrian crossing (upgrade with belisha/lighting)
4. New drainage works (**funding by others**)
5. New carriageway resurfacing (**funding by others**)

Site location (Main St, Chapel St. Dunmanway, Cork)
<https://maps.app.goo.gl/i9eGBqt6xLQTCM9d7>
Scheme cost (indexed) €580,000 per km



Before
←

After
→



Footpaths

Lower

€350,000 per km

Median

€500,000 per km

Upper

€700,000 per km

Key Features (One Side of Road)

1. Shared path, 650m (3m wide)
2. Pedestrian path, 150m (2m wide)
3. New slipform kerb
4. SMA (red)
5. Surface water (gully pots connecting into existing line)

Site location (R371, Roosky, Leitrim)

<https://maps.app.goo.gl/KUy1JzjK6HHR5qrz6>

Scheme cost (indexed) €580,000 per km



Before

After



Pedestrian path, 2m wide (150m)



Shared path, 3m wide (650m)

Shared segregated cycle / pedestrian path

Footpaths

Lower

€350,000 per km

Median

€500,000 per km

Upper

€700,000 per km

Key Features (One Side of Road)

1. Shared pedestrian/cycle path (940m)
2. New public lighting
3. Kerbing either side of path
4. Red SMA
5. Junction tightening (1 no)
6. Connecting the village to Kileen National School

Site location (Riverstown, Ballyloughnane, Tipperary)

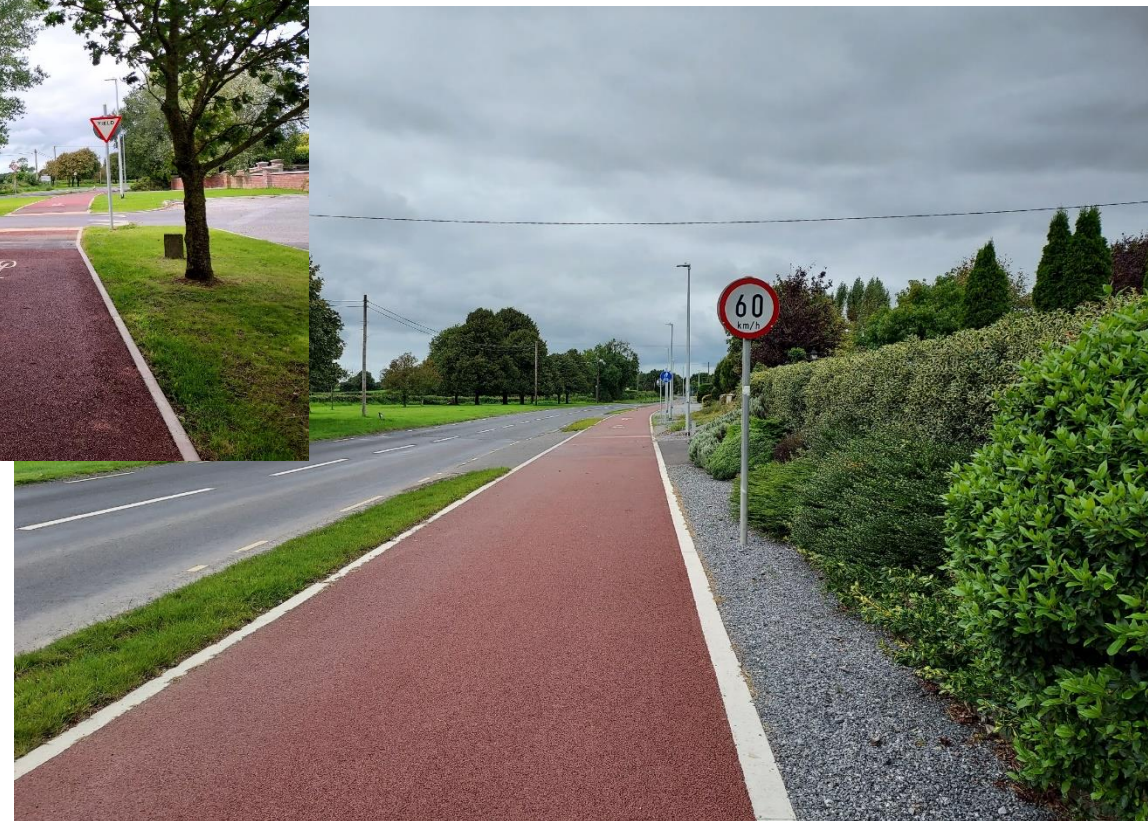
<https://maps.app.goo.gl/wd6bFmfxCbMsjk1y9>

Scheme cost (indexed) €705,000 per km



← Before

After →



Shared segregated cycle / pedestrian path

Footpaths

Lower

€350,000 per km

Median

€500,000 per km

Upper

€700,000 per km

Key Features (One Side of Road)

1. 3m wide shared pedestrian/cycle path (1,087m)
2. New footpaths (154m)
3. Links to Listowel Greenway
4. New & upgrading of public lighting
5. Land acquisition

Site location (Gurtinard, Ballygowloge, Kerry)
<https://maps.app.goo.gl/Jw5gAiP28nbqCbY76>
Scheme cost (indexed) €695,000 per km



Before



After



Active Travel Infrastructure Permeability Links



Permeability Links

Lower

€220,000 per km

Median

€300,000 per km

Upper

€400,000 per km

Key Features

1. Shared pedestrian / cycle track
2. New public lighting
3. Connection to Old Rail Trail greenway
4. Housing connections to greenway & Marist secondary school

Site location (Melville Football Club, Westmeath)
<https://maps.app.goo.gl/m7E6YMVvXmwtjjYW7>
Scheme cost (indexed) €270,000 per km



Before



After



Permeability Links

Lower

€220,000 per km

Median

€300,000 per km

Upper

€400,000 per km

Key Features

1. Shared pedestrian track (1.8m wide)
2. New public lighting

Site location (Kingscourt, Cavan)

<https://maps.app.goo.gl/RSkipufN2owgKfdN9>

Scheme cost (indexed) €220,000 per km



Before



After



Permeability Links

Lower

€220,000 per km

Median

€300,000 per km

Upper

€400,000 per km

Key Features

1. Shared path (average 2.5m wide)
2. New public lighting

Site location (Pococke, Kilkenny)

<https://maps.app.goo.gl/UYNvr4v42mH2pjPS6>

Scheme cost (indexed) €310,000 per km



← Before

After →



Permeability Links

Lower

€220,000 per km

Median

€300,000 per km

Upper

€400,000 per km

Key Features

1. Removal of existing paths
2. Replacement / upgrading of pedestrian paths

Site location (Leixlip, Kildare)

Mixed locations

Scheme cost (indexed) €220,000 per km



Before



After



Permeability Links

Lower

€220,000 per km

Median

€300,000 per km

Upper

€400,000 per km

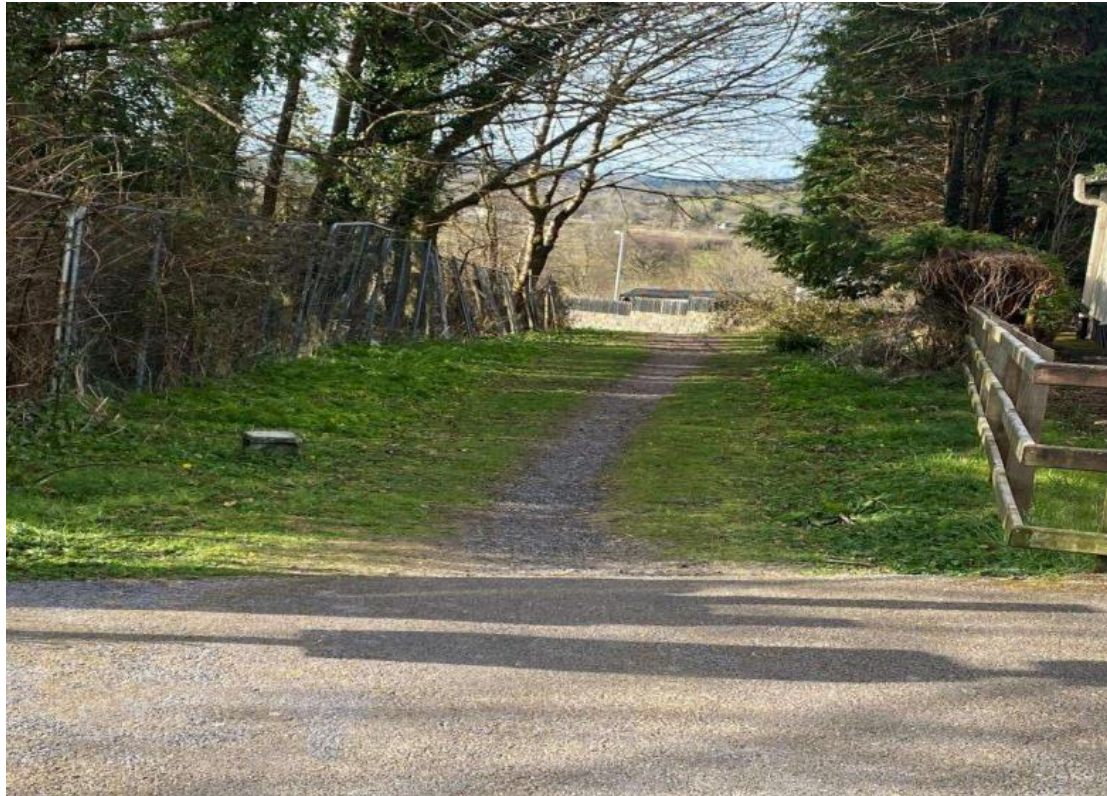
Key Features

1. Removal of existing paths
2. Replacement / upgrading of pedestrian path (2m)

Site location Drumahaire, Leitrim

<https://maps.app.goo.gl/MMXUU6wy6PSjmV3i7>

Scheme cost (indexed) €220,000 per km



Before



After



Permeability Links

Lower

€220,000 per km

Median

€300,000 per km

Upper

€400,000 per km

Key Features

1. Permeability upgrade
2. Removal of existing path
3. New SMA path
4. Landscaping

Site location (Mud Lane, Sligo)

<https://maps.app.goo.gl/f58F356agsSbFHLRA>

Scheme cost (indexed) €365,000 per km



Before



After



Active Travel Infrastructure

Pedestrian Crossings



Raised Zebra Pedestrian Crossing

Lower	Median	Upper
€60,000 per crossing	€70,000 per crossing	€90,000 per crossing

Key Features

- 1. New ramp
- 2. New belisha & light columns
- 3. New line marking
- 4. Tactile paving at crossing
- 5. Pencil bollards (school zone)

Site location (Abbeyside, Dungarvan, Waterford)
<https://maps.app.goo.gl/8cY5eXkJxKqmNhF79>
Scheme cost (indexed) €60,000 per crossing



Before
←
After
→



Raised Zebra Pedestrian Crossing

Lower	Median	Upper
€60,000 per crossing	€70,000 per crossing	€90,000 per crossing

Key Features

- 1. New ramp
- 2. New belisha & light columns
- 3. New line marking
- 4. Tactile paving at crossing

Site location (Clonea Road, Dungarvan, Waterford)
<https://maps.app.goo.gl/A9nmZtwZYWz8bux57>
Scheme cost (indexed) €60,000 per crossing



Before
←
After
→



Raised Zebra Pedestrian Crossing

Lower	Median	Upper
€60,000 per crossing	€70,000 per crossing	€90,000 per crossing

Key Features

- 1. New ramp
- 2. New belisha & light columns
- 3. New line marking
- 4. Tactile paving at crossing
- 5. New 25m footpath part of the scheme

Site location (Kilcogy, Cavan)
<https://maps.app.goo.gl/cWLLopgxXmUriVkMA>
Scheme cost (indexed) €60,000 per crossing



Before



After



Raised Zebra Pedestrian Crossing

Lower	Median	Upper
€60,000 per crossing	€70,000 per crossing	€90,000 per crossing

Key Features

- 1. New ramp
- 2. New belisha & light columns
- 3. Buff on main carriageway
- 4. New line marking
- 5. Tactile paving at crossing
- 6. New 15m footpath part of the scheme

Site location (Arvagh, Cavan)
<https://maps.app.goo.gl/BGxCRBgkoGhJdYU57>
Scheme cost (indexed) €90,000 per crossing



Before
←
After
→



Raised Zebra Pedestrian Crossing

Lower	Median	Upper
€60,000 per crossing	€70,000 per crossing	€90,000 per crossing

Key Features

- 1. New ramp
- 2. New belisha & light columns
- 3. Carriage re-surface (50m)
- 4. New line marking
- 5. Tactile paving at crossing
- 6. New 40m footpath part of the scheme

Site location (Gaelscoil Eirne, Ballyshannon, Donegal)
<https://maps.app.goo.gl/cqeY59kAJhquwCDc6>
Scheme cost (indexed) €65,000 per crossing



← Before
After →

Raised Zebra Pedestrian Crossing

Lower	Median	Upper
€60,000 per crossing	€70,000 per crossing	€90,000 per crossing

Key Features

- 1. New ramp
- 2. New belisha & light columns
- 3. New line marking
- 4. Tactile paving at crossing
- 5. Footpath extension / new kerb
- 6. Carriageway reduces to single lane

Site location (O'Dowling Roundabout (Schools), Portlaoise)
<https://maps.app.goo.gl/oRJmmnTdpQneZxJXA>
Scheme cost (indexed) €97,000 per crossing



Before

After



Raised Zebra Pedestrian Crossing

Lower	Median	Upper
€60,000 per crossing	€70,000 per crossing	€90,000 per crossing

Key Features

- 1. New ramp
- 2. New belisha & light columns
- 3. New line marking
- 4. Tactile paving at crossing
- 5. Footpath extension (15m)

Site location (R518 Ballingarry, Limerick)
<https://maps.app.goo.gl/QF93GgiTWnq6Xuzt5>
Scheme cost (indexed) €60,000 per crossing



Before
←
After
→



Raised Zebra Pedestrian Crossing (Up-grade)

Lower

€60,000 per crossing

Median

€70,000 per crossing

Upper

€90,000 per crossing

Key Features (Up-grade)

1. Breakup and removal of existing ramp
2. Removal of existing belisha & light columns
3. Breakup pathway either side of pedestrian crossing
4. New ramp
5. New macadam paths either side of pedestrian crossing
6. New tactile paving at pedestrian crossing
7. New belisha & light columns

Site location (Clonmore Road, Westmeath)

<https://maps.app.goo.gl/X9UbJKEMA9TYyUcZ9>

Scheme cost (indexed) €32,000 per crossing (Upgrade)



← Before

After →



Signalised Pedestrian Crossing

Lower

€60,000 per crossing

Median

€70,000 per crossing

Upper

€90,000 per crossing

Key Features

1. New ramp
2. New traffic poles / heads
3. New line marking
4. Tactile paving at crossing
5. New 25m footpath part of the scheme
6. 5m footpath improvement
7. Public lighting (2 no)

Site location (Virgina, Ballyjamesduff Road, Cavan)
<https://maps.app.goo.gl/YGKzCHcBZ43Mns3q6>
Scheme cost (indexed) €72,000 per crossing



Before



After



Signalised Pedestrian Crossing

Lower

€60,000 per crossing

Median

€70,000 per crossing

Upper

€90,000 per crossing

Key Features

1. Footpath improvement/replacement (50m)
2. Junction upgrading (new asphalt at crossing)
3. New line marking
4. Tactile paving at crossing
5. Pedestrian crossing heads

Site location (Wine Street, Sligo)

<https://maps.app.goo.gl/tUuNCSE9eew66XUj8>

Scheme cost (indexed) €70,000 per crossing



Before

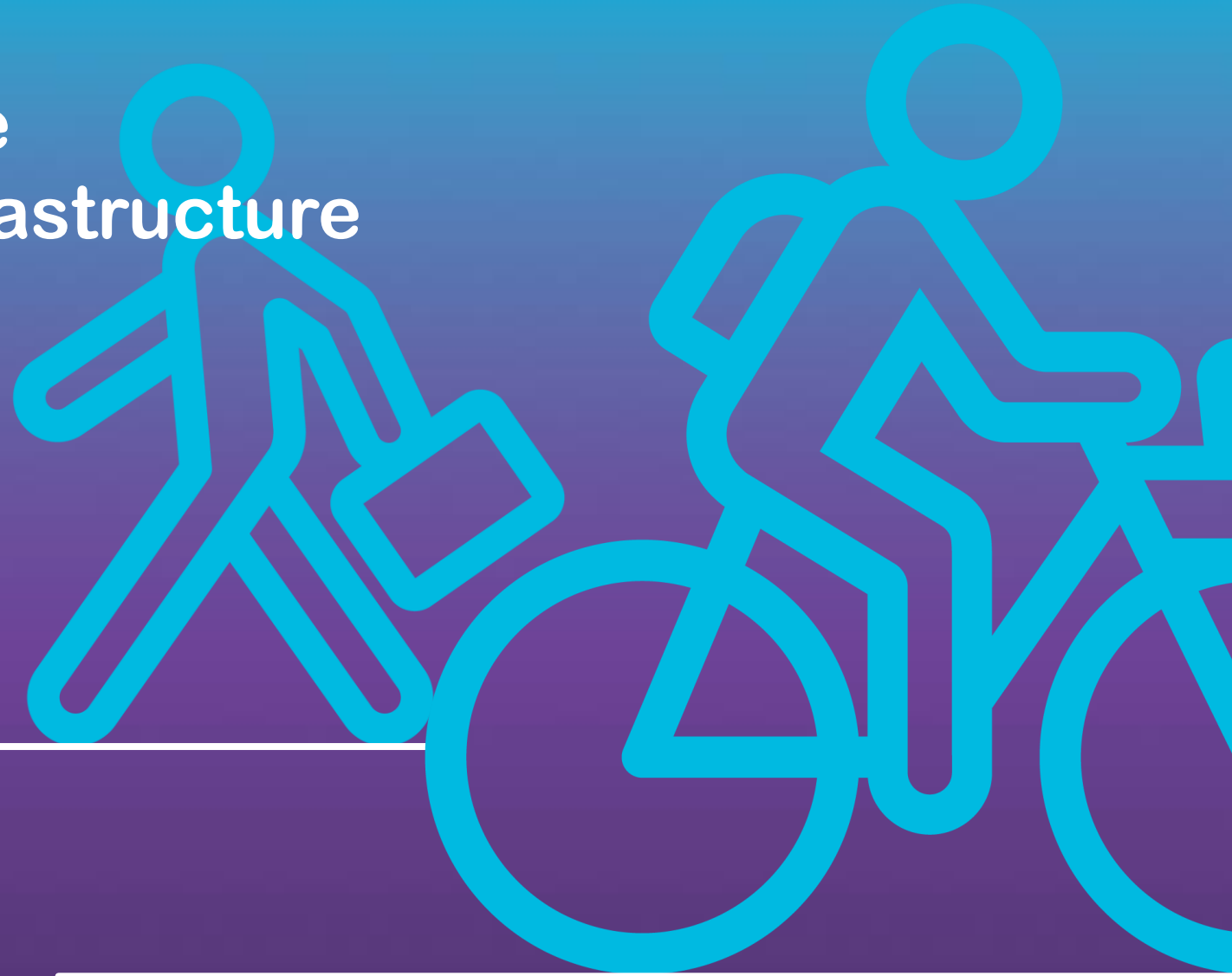


After



Active Travel Infrastructure

Full Build Active Travel Infrastructure



Full Build Pedestrian Path & Cycleway

Lower

€2,000,000 per km

Median

€4,000,000 per km

Upper

€7,000,000 per km

Key Features (Both Sides of Road)

North Side of Ardmore Road (Phase 1)

1. Segregated cycleway (3m) & pedestrian footway (2m wide): Chainage 0m – 20m
2. Cycleway (3m) and pedestrian footway (2m), Chainage 20m – 530m
3. Shared cycleway & pedestrian footway (3m wide), Chainage 530m – 870m
4. New slip form kerb and 2m wide footpath on opposite side of road (870m)
5. Main road carriageway planned and re-surfaced (870m)
6. Public lighting (full length)
7. Landscaping / new fencing
8. Land acquisition

Site location (Ardmore Road, Westmeath)

<https://maps.app.goo.gl/3JNBkBvf75TrmE7TA>

Scheme cost (indexed) €2,000,000 per km



Before



After



Full Build Pedestrian Path & Cycleway

Lower

€2,000,000 per km

Median

€4,000,000 per km

Upper

€7,000,000 per km

Key Features (Both Sides of Road)

1. Segregated 2-way cycle track (2,300m)
2. Concrete pedestrian footway (4,600m – either side of road)
3. Slip form kerbs
4. Surface water drainage
5. Low level stone wall & architectural railings
6. Junction upgrades, 4 no
7. Zebra crossings, 2 no
8. Bus stops, 2 no
9. Main carriageway resurfaced / line marking

Site location (Dodder View Road, Dublin):

<https://maps.app.goo.gl/HkNvSdBEvDVLAGEb9>

Scheme cost (indexed) €4,615,000 per km



Before



After



Full Build Pedestrian Path & Cycleway

Lower	Median	Upper
€2,000,000 per km	€4,000,000 per km	€7,000,000 per km

Key Features

- 1. New footpath – 750m (one side)
- 2. Upgraded footpath – 250m (one side)
- 3. Cycle track – 2,000m (either side of road)
- 4. Main carriageway maintained

Site location (Arklow, Wicklow)
<https://maps.app.goo.gl/Us5BfiUY7Zn6fDnw5>
Scheme cost (indexed) €2,000,000 per km



← **Before**
After →



Full Build Pedestrian Path & Cycleway

Lower	Median	Upper
€2,000,000 per km	€4,000,000 per km	€7,000,000 per km

Key Features (One Side of Road)

1. Segregated 2-way cycle track (2,000m)
2. Concrete pedestrian footway (2,600m)
3. Slip form kerbs
4. Surface water drainage
5. Upgrade of the Drummartin Link Road and Blackthorn Drive junction near the Beacon hospital
6. Upgrade of the Leopardstown Road / Kilgobbin Road junction including the removal of 4 slip lanes
7. Reconfiguration of the roundabout over the M50 to provide pedestrian and cycle facilities

Site location (Blackthorn Drive, Sandyford, Dublin)
<https://maps.app.goo.gl/FgAX17Ymyg4cireRA>
Scheme cost (indexed) €5,600,000 per km



← Before
After →



Full Build Pedestrian Path & Cycleway

Lower	Median	Upper
€2,000,000 per km	€4,000,000 per km	€7,000,000 per km

Key Features (One Side of Road)

1. 2-way cycle track (2m wide)
2. New footpath (2m wide)
3. 2 No. junction upgrades
4. Pedestrian crossing (Dual carriageway crossing)
5. Public lighting upgrading / alterations
6. Surface water alterations

Site location (Foster Avenue (R138), Dublin):
<https://maps.app.goo.gl/ndgagJU8LCf4LFuM7>
Scheme cost (indexed) €7,460,000 per km



← **Before**
After →



Full Build Pedestrian Path & Cycleway

Lower

€2,000,000 per km

Median

€4,000,000 per km

Upper

€7,000,000 per km

Key Features (Pathfinder Scheme)

1. Segregated cycle track (either side of road)
2. Pedestrian footpath (either side of road)
3. Surface (minor) water drainage (extension of existing line for new infrastructure)
4. Public lighting upgrading
5. Main Road carriageway (including kerbs) – retained (minor re-instatement works)
6. Raised pedestrian crossings at junctions

Site location (N63, Longford)

<https://maps.app.goo.gl/yTNJDrzhRPsenGY86>

Scheme cost (indexed): €2,000,000 per km



Before

After



Full Build Pedestrian Path & Cycleway

Lower	Median	Upper
€2,000,000 per km	€4,000,000 per km	€7,000,000 per km

Key Features

1. Segregated cycle track (either side of road)
2. Upgraded footpath (either side of road)
3. New kerbs
4. Junction upgrade
5. Main Road carriageway re-surfacing
6. Bus stops (4 No)

Site location (Grange Road (Phase 2), Dublin)
<https://goo.gl/maps/p1B2gTgNgrsZnNqr7>
Scheme cost (indexed): €3,200,000 per km



Before
After



Full Build Pedestrian Path & Cycleway

Lower	Median	Upper
€2,000,000 per km	€4,000,000 per km	€7,000,000 per km

Key Features

- 1. Total scheme length (910m)
- 2. Segregated 2-way cycle track
- 3. Concrete footpaths of varying widths
- 4. Precast & in-situ kerbs
- 5. New & upgraded public lighting
- 6. Surface water drainage
- 7. Pedestrian crossing
- 8. Realignment of road
- 9. Main carriageway resurfacing
- 10. Landscaping

Site location (Innishmore Lawn, Ballincollig, Cork)
<https://maps.app.goo.gl/Q2Lc8tr8aVqoPgjg6>
Scheme cost (indexed) €3,000,000 per km



Before
←
After
→



Active Travel Infrastructure Rapid / Hybrid Build Cycle Track



Rapid / Hybrid Build Cycle Track

Lower

€350,000 per km

Median

€700,000 per km

Upper

€1,000,000 per km

Key Features

1. Segregated cycling facilities (main road centre line 482m)
2. New track two sides of road
3. Reconfigured bus stop infrastructure
4. 5 No. junction upgrades
5. 1 No. new pedestrian crossing
6. New slip form kerb
7. Red asphalt (two sides of road)

Note: Main carriageway re-surfacing excluded from cost below (funded by Local Authority)

Site location (Cavan Town (Phase 1), Cavan)
<https://maps.app.goo.gl/xYizRWASkW7a7cSW8>
Scheme cost (indexed) €770,000 Per KM



Before



After



Rapid / Hybrid Build Cycle Track

Lower

€350,000 per km

Median

€700,000 per km

Upper

€1,000,000 per km

Key Features

1. Segregated cycle track (either side of road)
(replacement of existing on road cycle lane)
2. New kerb (either side of road)
3. Footpath maintained
4. Main carriageway re-surfacing
5. Line marking

Site location (Dooradoyle Road, Limerick)
<https://maps.app.goo.gl/N79uyZF16XZfZqSr7>
Scheme cost (indexed) €1,050,000 per km



Before

After



Rapid / Hybrid Build Cycle Track

Lower

€350,000 per km

Median

€700,000 per km

Upper

€1,000,000 per km

Key Features

1. Segregated cycle track (either side of road) – 1.28km (replacement of existing on road cycle lane)
 2. New kerb (either side of road)
 3. SMA surface
 4. Main carriageway maintained
 5. Footpath upgrade – 380m
 6. New shared use path – 8m
- Cycle track widened into verge and gullies were relocated to new kerb line

Site location (Templeville Road, Dublin)

<https://maps.app.goo.gl/TVT5waBDWGE6CzmL9>

Scheme cost (indexed) €1,065,000 per km



Before

After



Rapid / Hybrid Build Cycle Track

Lower

€350,000 per km

Median

€700,000 per km

Upper

€1,000,000 per km

Key Features

1. Segregated cycle track (one side of road)
2. Buff finish (existing maintained)
3. Extruded Kerb
4. Bollards

Site location (Griffith Avenue, Dublin)

<https://maps.app.goo.gl/w1KJiekXGYjdw8X7>

Scheme cost (indexed) €900,000 per km



Before



After



Rapid / Hybrid Build Cycle Track

Lower

€350,000 per km

Median

€700,000 per km

Upper

€1,000,000 per km

Key Features

1. Segregated cycle track (either side of road)
(replacement of existing on road cycle lane)
2. New kerb (either side of road)
3. New gully pots / connections to existing drainage
4. Footpaths maintained
4. Main carriageway maintained

Site location (Blacklion Road, Wicklow)

<https://maps.app.goo.gl/Cs4w89zkbEfEX3Tt6>

Scheme cost (indexed) €350,000 per km



Before



After



Rapid / Hybrid Build Cycle Track

Lower

€350,000 per km

Median

€700,000 per km

Upper

€1,000,000 per km

Key Features

1. Segregated cycle track (two-way track):
2. Bolt down kerb
3. Buff surface
4. 4.5 KM award winning route
5. Implemented as interim scheme in 2020 during the Covid-19 pandemic
6. Connects to a number of tourist attractions including Dun Laoghaire Pier and the Forty Foot

Site location (Dun Laoghaire, Dublin)

<https://maps.app.goo.gl/hwgTazis2gSHKhR19>

Scheme cost (indexed) €910,000 per km



Before

After



Rapid / Hybrid Cycle Track

Lower

€350,000 per km

Median

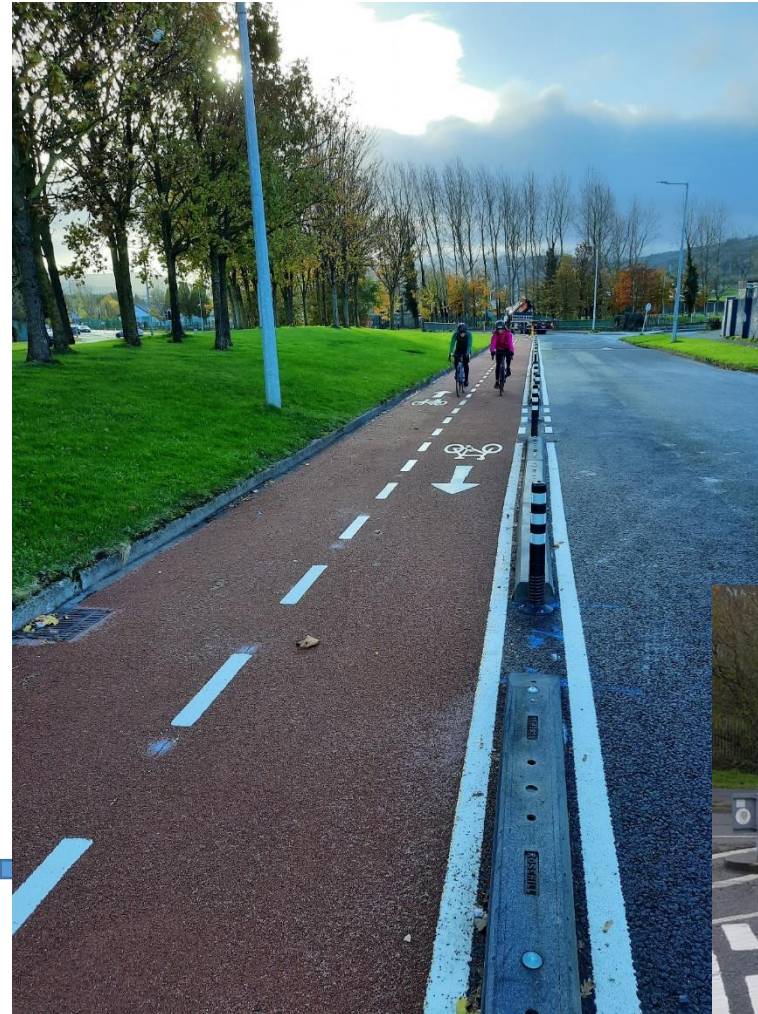
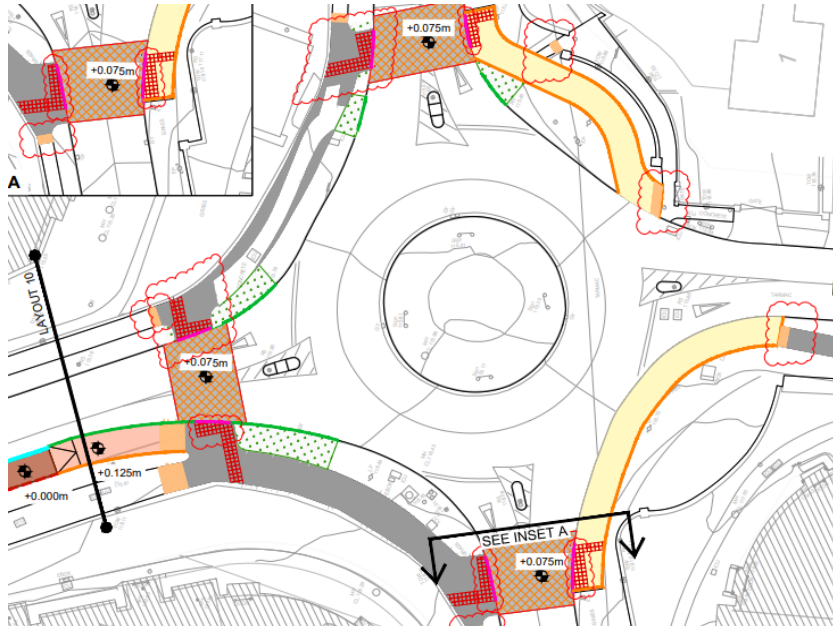
€700,000 per km

Upper

€1,000,000 per km

Key Features

1. Segregated two-way cycle track (5,500m)
2. Significant traffic calming and speed reduction measures
3. 6no. New and upgraded Pedestrian crossings
4. 12no. New Zebra crossings
5. New and upgraded 14no. Bus Stops
6. Various segregation devices we're used i.e. precast concrete bolt down units, cast in-situ concrete kerbs, rubber bolt-down segregation kerbs



Site location – numerous locations in South Dublin (part of the D24 Neighbourhood Cycle Network)

Location 1: <https://maps.app.goo.gl/zeFmZFFHAmnmSQTf6>

Location 2: <https://maps.app.goo.gl/Zm4gmfmJLZYbC9fE7>

Location 3: <https://maps.app.goo.gl/WubvTbqpZpycSMGbA>

Location 4: <https://maps.app.goo.gl/VBtPmbwfu16Ub2dB6>

Location 5: <https://maps.app.goo.gl/DbGpijXv4ih9KWqw5>

Scheme cost (indexed) €750,000 per km



Rapid / Hybrid Build Cycle Track

Lower

€350,000 per km

Median

€700,000 per km

Upper

€1,000,000 per km

Key Features

1. New extruded kerbs (either side of road)
2. Bollards (either side of road)

Site location (Benildus Avenue, Dublin)

<https://maps.app.goo.gl/7YZCm6X7EKqhvp8a9>

Scheme cost (indexed) €370,000 per km
(excludes replacements)



Before



After



Rapid / Hybrid Build Cycle Track

Lower

€350,000 per km

Median

€700,000 per km

Upper

€1,000,000 per km

Key Features

1. New footpaths (300m)
2. Segregated cycle track (1,600m)
3. Side junction upgrades (5 no)
4. Pedestrian crossings (2 no)
5. School zone (1 no)

Site location (Childers Road, Limerick)

<https://maps.app.goo.gl/ALumrUApPsUv2tg37>

Scheme cost (indexed) €1,300,000 per km



Before



After



Active Travel Infrastructure Junction Tightening



Junction Tightening

Lower

€30,000 per junction

Median

€50,000 per junction

Upper

€70,000 per junction

Key Features

1. Raised pedestrian crossing
2. New kerbs
3. SMA infill to rear of new kerbs
4. Stainless steel bollard protection
5. Line marking and signage
6. Tactile paving at crossing

Site location (Edgeworthstown, Longford)

<https://maps.app.goo.gl/QbHCX3wfMRNzavvDA>

Scheme cost (indexed) €48,000



Before



After



Junction Tightening

Lower

€30,000 per junction

Median

€50,000 per junction

Upper

€70,000 per junction

Key Features

1. Raised ramp
2. Pedestrian crossing
3. Tactile paving
4. 75m new footpath
5. 7m footpath improvement (replacement)
6. Line marking

Site location (Ballyconnell Town, Cavan)

<https://maps.app.goo.gl/3VU7cjQYzE5qF9MLA>

Scheme cost (indexed) €73,000



← Before

After →



Junction Tightening

Lower

€30,000 per junction

Median

€50,000 per junction

Upper

€70,000 per junction

Key Features

1. Raised ramp
2. New kerbs
3. SMA infill to rear of kerbs
4. Bollard protection
5. Line marking & signage
6. Tactile paving at crossing

Site location (Derrinturn, Kildare)

<https://maps.app.goo.gl/ctepJeobCaZsGTb1A>

Scheme cost (indexed) €55,000



Before



After



Junction Tightening

Lower

€30,000 per junction

Median

€50,000 per junction

Upper

€70,000 per junction

Key Features

1. Raised ramp (3 no)
2. New kerbs
3. Paving / SMA infill
4. Traffic calming
5. Line marking & signage

Site location (Ballinagore, Westmeath)

<https://maps.app.goo.gl/aGATWn3V1AN6FSQWA>

Scheme cost (indexed) €50,000



Before

After



Junction Tightening

Lower

€30,000 per junction

Median

€50,000 per junction

Upper

€70,000 per junction

Key Features

1. Ramp
2. New kerbs
3. Concrete infill to rear of kerbs
4. New concrete paths
5. Bollard protection
6. Line marking & signage
7. Tactile paving at crossing
8. Concrete path at tactile crossing
9. Pedestrian crossing with belisha & lighting (R293)
10. New surface water drainage including gullies

Site location (Ballymote, Sligo)

<https://maps.app.goo.gl/PnQuvwym5Zx21z857>

Scheme cost (indexed) €110,000



Before



After



Junction Tightening

Lower

€30,000 per junction

Median

€50,000 per junction

Upper

€70,000 per junction

Key Features

1. New kerbs
2. Concrete infill to rear of kerbs
3. Line marking & signage
4. Tactile paving at crossing
5. Concrete path at tactile crossing

Site location (St. Olivers Park, Myshall, Carlow)
<https://maps.app.goo.gl/hy5BtoZGUkcBm26L6>
Scheme cost (indexed) €35,000



Before



After



Junction Tightening

Lower

€30,000 per junction

Median

€50,000 per junction

Upper

€70,000 per junction

Key Features

1. New kerbs
2. Raised ramp
3. Tyre-grip high friction surfacing-type 1
4. SMA infill to rear of kerbs
5. Line marking
6. Tactile paving at crossing

Site location (Tullamore, Offaly)

<https://maps.app.goo.gl/vc3mNjp83KkCt8oBA>

Scheme cost (indexed) 30,000



Before



After



Junction Tightening

Lower

€30,000 per junction

Median

€50,000 per junction

Upper

€70,000 per junction

Key Features

1. Junction tightening
2. Pedestrian crossing

Site location (Davitt Road, Wexford)

<https://maps.app.goo.gl/upuXyTrMSEvCTj959>

Scheme cost (indexed) €30,000



Before



After



Junction Tightening & Pedestrian Crossing

Lower

€30,000 per junction

Median

€50,000 per junction

Upper

€70,000 per junction

Key Features

1. Narrowing existing junction to improve road safety (including re-surfacing)
2. Zebra crossing
3. Belisha & lighting
4. S/S bollards
5. Bolt down kerbs
6. Signage (school area – Blessington Community College) (SRTS improvements to school)
7. New footpaths / tactiles at crossing
8. Landscaping / planting

Site location (Blessington, Wicklow)

<https://maps.app.goo.gl/22ANMTk54cQ3wgCp7>

Scheme cost (indexed) €120,000



Before

After



Active Travel Infrastructure School Zones Safe Routes to School (SRTS)



School Zone - Safe Routes to School (SRTS)

Lower

Median

Upper

Project Specific

€380,000 (Average)

Project Specific

Key Features

1. Junction upgrade (1 no)
2. Pedestrian crossings (2 no – 1 on the N4)
3. Bus stop (1 no) including demolishing boundary wall, setting back wall & rebuilding
4. School zone (line marking / buff / bollards)

Site location (Scoil Mhuire, Newtownforbes, Longford)
<https://maps.app.goo.gl/k9NZMP9PJs3Gg18U6>
 Scheme cost (indexed) €400,000



Before



After



School Zones - Safe Routes to School (SRTS)

Lower	Median	Upper
Project Specific	€380,000 (Average)	Project Specific

Key Features

1. Traffic Calming (700m)
2. Junction upgrade (1 no)
3. Side road junction upgrades (5 no)
4. Isolated pedestrian crossing (2 no)
5. School zone (line marking / buff / bollards)

Site location (Scoil Mhuire, Abbeyleix, Co Laois)
<https://maps.app.goo.gl/mTBCG7RugF9AeYYx7>
Scheme cost (indexed) €470,000



School Zones - Safe Routes to School (SRTS)

Lower	Median	Upper
Project Specific	€380,000 (Average)	Project Specific

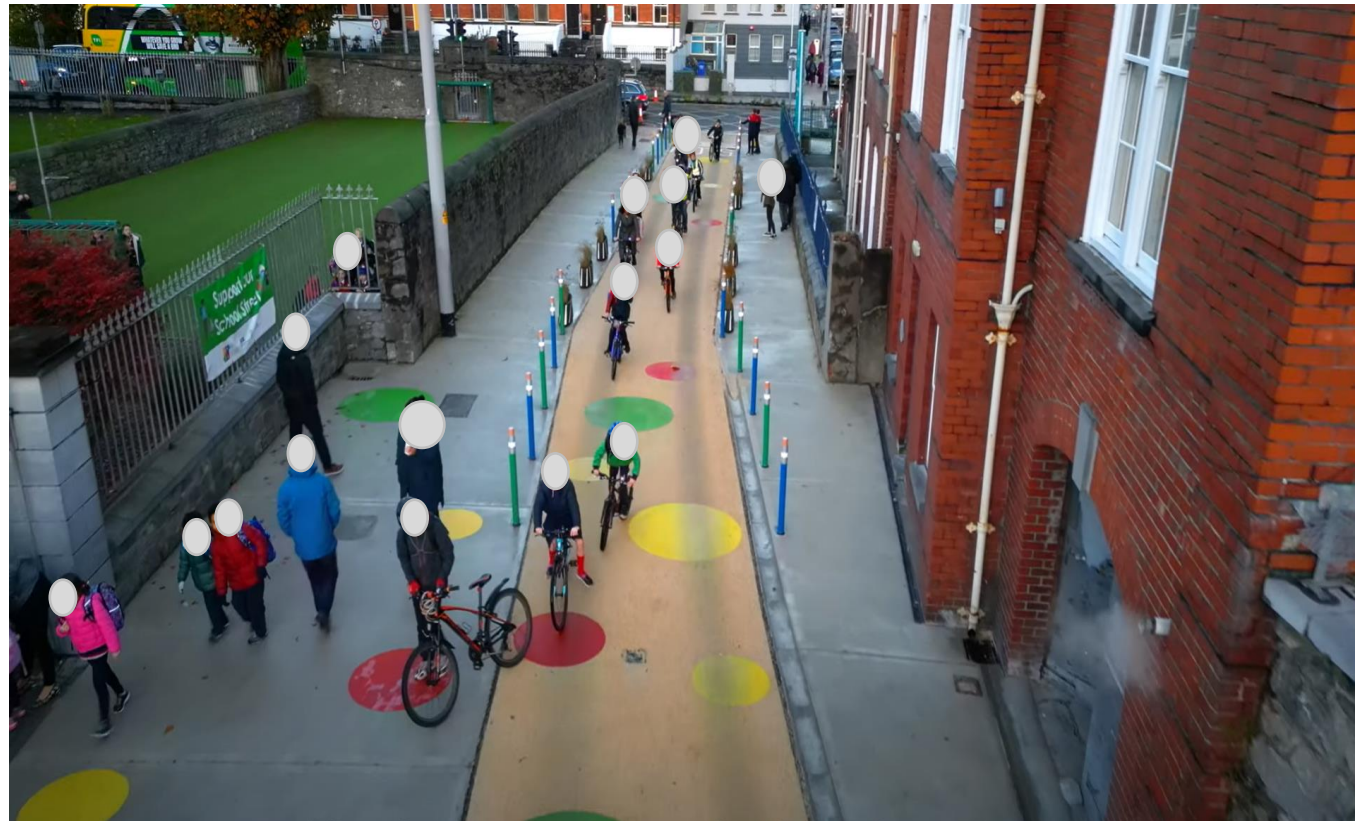
Key Features

1. School street
2. Footpaths (87m)
3. Junction upgrade (1 no)
4. Side road junction upgrades (1 no)
5. Isolated pedestrian crossing (1 no)
6. School zone (line marking / buff / bollards)

Site location (An Mhodscoil, Roden Street, Limerick)
<https://maps.app.goo.gl/DCFcyvbFquY4VHDy7>
 Scheme cost (indexed) €330,000



Before
 After



School Zone - Safe Routes to School (SRTS)

Lower	Median	Upper
Project Specific	€380,000 (Average)	Project Specific

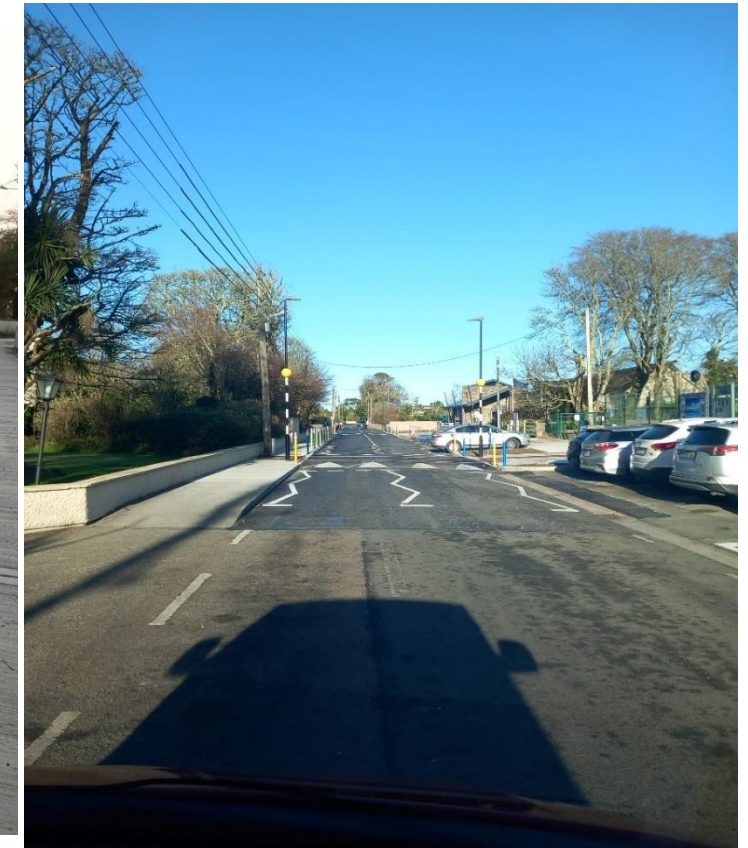
Key Features

1. Footpath improvement –160m
2. New footpath – 401m
3. Junction upgrade – 1 number
4. Pedestrian crossing – 2 number
5. School zone / front of school

Site location (Scoil Mhuire, Rosslare Strand, Wexford)
<https://maps.app.goo.gl/xG8JvjswPNgG79b3A>
Scheme cost (indexed) €310,000



Before
←
After
→



School Zone - Safe Routes to School (SRTS)

Lower	Median	Upper
Project Specific	€380,000 (Average)	Project Specific

Key Features

1. Footpath upgrade (500m)
2. Junction upgrades (1 no)
3. Isolated pedestrian crossings (1 no)
4. School zone (line marking / buff / bollards)

Site location (St. Flannan's National School, Inagh, Clare)
<https://maps.app.goo.gl/eStDBTstHWEiGoBWA>
Scheme cost (indexed) €420,000



Before



After



School Zones - Safe Routes to School (SRTS)

Lower	Median	Upper
Project Specific	€380,000 (Average)	Project Specific

Key Features

- 1. Footpath improvement – 83m
- 2. New footpath – 119m
- 3. Junction upgrade – 1 number
- 4. Pedestrian crossing – 1 number
- 5. School zone / front of school

Site location (Scoil Naomh Abbáin, Wexford)
<https://maps.app.goo.gl/XTb82PzAZh4iSEcHA>
Scheme cost (indexed) €400,000



Before ←
After →



School Zone - Safe Routes to School (SRTS)

Lower	Median	Upper
Project Specific	€380,000 (Average)	Project Specific

Key Features

1. Junction tightening / raised table (Chaple Road)
2. Reallocation of road space for new footpath
3. Uncontrolled crossing with raised table
4. Pedestrian crossing with belisha & lighting
5. New bus set down
6. School zone (line marking / buff / bollards)

Site location (St. Baithin's NS, St. Johnston, Donegal)
<https://maps.app.goo.gl/5NDAGzCf7J1drX7p6>
 Scheme cost (indexed) €480,000



← Before
 After →



School Zone - Safe Routes to School (SRTS)

Lower

Median

Upper

Project Specific

€380,000 (Average)

Project Specific

Key Features

1. New footpaths (village to school)
2. Controlled pedestrian crossing
3. New entrance / exit layout to the school
4. New bus set down
5. School zone (line marking / buff / bollards)
6. School gateway signs
7. Traffic calming table

Site location (St. Eunans NS, Raphoe, Donegal)
<https://maps.app.goo.gl/X7uogNZvPXb4AfDH6>
Scheme cost (indexed) €400,000



Before



After



School Zone - Safe Routes to School (SRTS)

Lower	Median	Upper
Project Specific	€380,000 (Average)	Project Specific

Key Features

1. New footpaths (278m)
2. Pedestrian crossing (2 No)
3. Junction upgrade (1 No)
4. Road re-surfacing
5. New entrance / exit layout to the school
6. New bus set down
7. School zone (line marking / buff / bollards)
8. School gateway signs
9. Traffic calming

Site location (St. Mhuire Na nGrást, Belgooly, Cork)
<https://maps.app.goo.gl/YUtuFTzCdtTXqpS7>
 Scheme cost (indexed) €260,000



Before ←
 After →

Active Travel Infrastructure Public Lighting



New Public Lighting

Lower

Median

Upper

Refer to Median

€95,000 per km

Refer to Median

Key Features

- 1,200m new public lighting
- Cost saving was achieved as ducting was already in place on an earlier scheme/phase

Site location (N87 Ballyconnell, Cavan)

<https://maps.app.goo.gl/DVagRoGKEx3eVfsc8>

Scheme cost (indexed) €50,000 per km



New Public Lighting

Lower

Median

Upper

Refer to Median

€95,000 per km

Refer to Median

Key Features

- 1,000m new public lighting
- Cost saving was achieved as ducting was already in place on an earlier scheme/phase

Site location (Lackagh Village, Co Galway)
<https://maps.app.goo.gl/8WptoYozA8ULSnEEA>
Scheme cost (indexed) €50,000 per km



New Public Lighting

Lower	Median	Upper
Refer to Median	€95,000 per km	Refer to Median

Key Features

1. Excavate trench / new ducting / make good disturbed ground
2. 745m new public lighting to existing Old Rail Trail Greenway

Site location (Old Rail Trail Greenway, Moate, Westmeath)
<https://maps.app.goo.gl/dbbNEaEsKGoSG6WU8>
(Scheme cost (indexed) €95,000 per km)



Before



After



New Public Lighting

Lower

Median

Upper

Refer to Median

€95,000 per km

Refer to Median

Key Features

1. Excavate trench / new ducting / make good disturbed ground
2. 2,280m new public lighting

Before

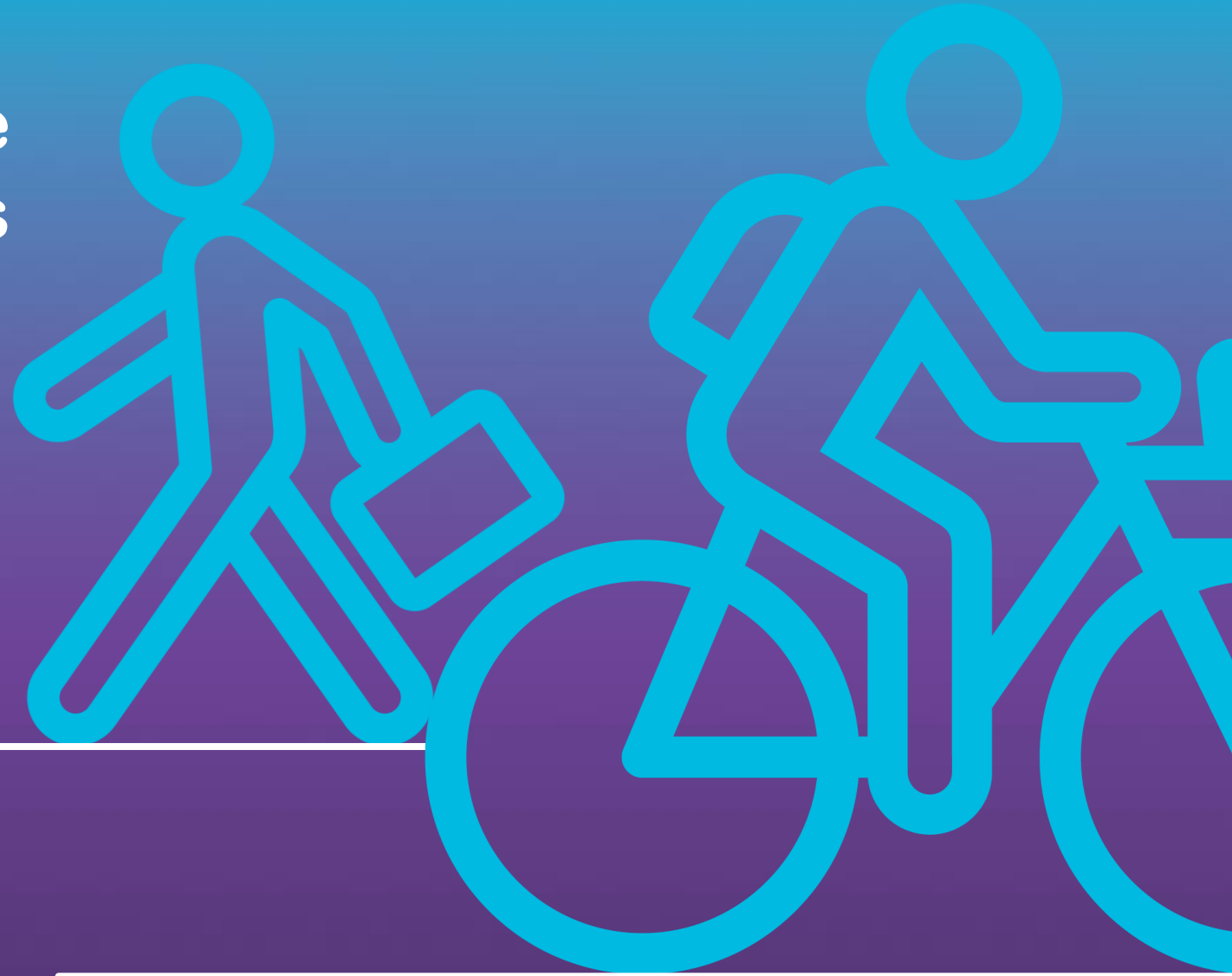
After



Ennis, Clare (numerous locations)
Scheme cost (indexed) €95,000 per km



Active Travel Infrastructure Pedestrian & Cycle Bridges



Pedestrian & Cycle Bridges

Lower

€12,000 per m2

Median

€17,000 per m2

Upper

€18,000 per m2



Bridge reference – Galway City (Salmon Weir) Pedestrian & Cycle bridge, delivered by Galway City Council and funded by the NTA

Site location: <https://maps.app.goo.gl/TGNMzhkxYnEyEVqN7>
Scheme cost (indexed) €13,000 per m2

Key Features

1. Bridge span 86m (overall)
 - Main span (centre) is 54m (aluminum deck)
 - Western approach ramp – 15m x 3m wide (paved deck)
 - Eastern approach ramp – 17m x 3m wide (paved deck)
2. Deck area (excluding ramps) is 859m2 (width varies)
3. 3000mm diameter glass Oculus at each approach
4. Stainless steel parapet
5. 2 number ramp access provided onto central island
6. Bored concrete piles at each abutment
7. 1 number pedestrian crossing & urban realm at Gaol Road & Newtown Smith Road

Cost for bridge is based on deck area (m2)

Pedestrian & Cycle Bridges

Lower

€12,000 per m2

Median

€17,000 per m2

Upper

€18,000 per m2



Bridge reference – Athlone Pedestrian & Cycle bridge, delivered by Westmeath Co. Council and funded by TII

Site location: <https://maps.app.goo.gl/hWxqSbDmaRhmiCzB6>
Scheme (**features 1-2**) cost (indexed) €17,600 per m2

Key Features

1. New pedestrian & cycle bridge over a river crossing (104m wide crossing with center pillar)
2. Deck area approx. 750m2 (width varies)

Additional Features (Not included in Costs per m2 above)

- a) Cantilevered walkway East bank of River Shannon – 101m (not visible in caption)
- b) East bank approach ramp – 81m
- c) Cantilevered walkway West bank of River Shannon – 115m
- d) West bank approach ramp – 95m
- e) Stainless steel parapet - 800m
- f) Piled foundations each side of Riverbank
- g) Replacement of part of the marina to facilitate new bridge (not visible in caption)
- h) Architectural feature lighting

Cost for bridge is based on deck area (m2)

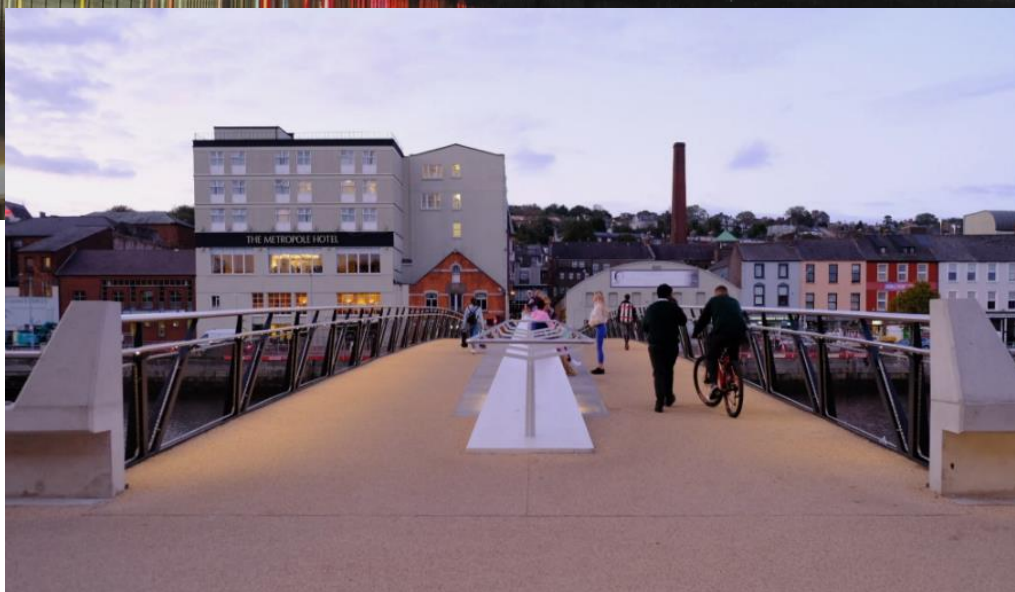
Pedestrian & Cycle Bridges

Lower	Median	Upper
€12,000 per m2	€17,000 per m2	€18,000 per m2



Bridge reference – Mary Elmes
Pedestrian & Cycle bridge delivered by Cork City council
and funded by the NTA / ERDF

Site location: <https://maps.app.goo.gl/sLhWFpE7Mz9k1jJ2A>
Scheme cost (indexed) €17,700 per m2



Key Features

1. New pedestrian & cycle bridge over a river crossing
2. 66m wide
3. Deck area 429m2
4. Architectural feature lighting
5. Architectural parapet (132m) and center seating

Cost for bridge is based on deck area (m2)

Pedestrian & Cycle Bridges

Lower

€12,000 per m²

Median

€17,000 per m²

Upper

€18,000 per m²



Bridge reference – Vernon Mount bridge, delivered by Cork City Council and funded by the NTA (scheme was part of the Grange to Tramore Valley Park pedestrian and cycle link)

Site location: <https://maps.app.goo.gl/qmBGSKHZY9tQWEsg7>
Scheme cost (indexed) €13,000 per m²

Key Features

1. New pedestrian & cycle bridge crossing Cork's N40 South Ring road
2. Deck area 188m²
3. Bridge deck span crossing road, 47m
4. Bridge width, 4m
5. Piled foundations
6. Cost excludes ramps

Cost for bridge is based on deck area (m²)

Pedestrian & Cycle Bridges

Lower	Median	Upper
€12,000 per m2	€17,000 per m2	€18,000 per m2



Bridge reference – Dodder Greenway (phase 2) – 3 No. Bridges in total along the River Dodder
Pedestrian & Cycle bridge delivered by South Dublin Council and funded by the NTA

Scheme cost (indexed) €12,000 per m2



Key Features

1. Total bridge deck area (**3 No. Bridges**) 620m2
2. Lighting integrated stainless steel handrail
3. Prefabricated off site reducing ecological risk of in-situ construction
4. Bridge 1: <https://maps.app.goo.gl/tgMmN6hV3hnJqKcm6>
5. Bridge 2: <https://maps.app.goo.gl/9GirpTdTUcGznAfH6>
6. Bridge 3: <https://maps.app.goo.gl/BnYDNsDWx1XdMqKv9>
7. 3 bridges were tendered / awarded to one contractor (**efficiency**)
(cost per m2 excludes active travel pedestrian / cycling infrastructure)

Cost for bridge is based on deck area (m2)

Pedestrian & Cycle Bridges (Cantilever)

Lower	Median	Upper
€8,000 per m2	€10,000 per m2	€12,000 per m2



Bridge reference – Navan Town, Pedestrian & Cycle bridge, delivered by Meath Co Council and funded by the NTA

Site location: <https://maps.app.goo.gl/X7R1myZ2VWkur5716>
Scheme cost (indexed) €11,900 per m2

Key Features

1. Existing bridge / carriageway
2. Suspended (cantilever) footway & cycle path along an existing bridge
3. 61m long x 3.6m wide (deck area = 220m2)
4. Safety parapet
5. Public lighting
6. Stone wall (salvaging & re-building with existing stone wall)

Cost for bridge is based on deck area (m2)

Active Travel Infrastructure

Bus Shelter / Stops



New Bus Shelters

Lower

€20,000 per shelter

Median

€25,000 per shelter

Upper

€30,000 per shelter



3-Bay Reliance Mark Bus Shelter, Blackhorse Avenue, Dublin

Key Features

1. Cost above per shelter are for a 3-Bay shelter as per image (3-Bay are most common – larger shelters (up to 7-Bay) are available at increased costs)
2. Where a bus stop is served by a minimum of five services per day (Mon-Fri), a shelter can be provided
3. Installation includes:
 - Preparatory enabling works
 - Improved accessibility
 - Upgrading of footpaths and or roads (shelter area only)
 - Re-location of underground services
 - Installation of stainless steel structure

Note: Costs above exclude (RTPI) Real Time Passenger Information. RPTI includes a considerable level of trenching and /or road crossings required for the electrical connection.

New Bus Stops

Lower

Median

Upper

Project Specific

Project Specific

Project Specific

BUS STOPS & ASSOCIATED INFRASTRUCTURE:

The costs associated with the provision of bus stops is largely dependent on the environment and topography in which it is proposed to provide such infrastructure. To this end, the below costs are indicative of typical construction related activities and their associated costs.

The below cost ranges make no consideration for the following:

- Land acquisition, if required;
 - Adjustment to surface water run-off and or underground ducting for electricity, public lighting or telecoms; and
 - Provision for bus stop shelters nor their foundation structures.
1. The cost of installing a single bus stop pole in a new retention socket to include thermoplastic line markings on the existing road pavement is approximately **€2,000**.
 2. The cost for installing a new or upgraded hardstanding area (approx. length: 8-12m) with standard 125mm kerbing ranges between **€8,000** and **€12,000**.
 3. The cost for installing a new or upgraded hardstanding area (approx. length: 8-12m), with accessible 160mm kerbing, costs range between **€11,000** and **€16,000**.

***Note: Where bus stops are proposed to interface with active travel infrastructure (e.g., cycle facilities), the above costs cannot be considered as indicative, and a holistic approach should be taken**

