

Dundalk Bay to Carlingford Greenway

Options Report – Volume 3 – Appendix B – Cost Estimates

September 2026

AECOM ROD ROUGHAN & O'DONOVAN

TII Bonneagar Iompair Éireann

Comhairle Contae Lú Louth County Council

Rialtas na hÉireann Government of Ireland | Tionscadal Éireann Project Ireland 2040

An Roinn Iompair Department of Transport

Greenway

Dundalk Bay to Carlingford Greenway

WESTMEATH NATIONAL ROADS OFFICE
Oifig na hIarmhí um Bhóithre Náisiúnta

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	RS/MH

Mainline Section Type :	Greenway	Mainline Length :		4.20
Link Roads Section Type :	NA	Link Roads Length :		NA

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	1.016	km	€820,000	€ 833,120
e	Bituminous Greenway through Agri Land	0.339	km	€685,000	€ 232,215
f	Greenway Adjacent to Road	1.538	km	€685,000	€ 1,053,530
g	Greenway Adjacent to Road - Property Impacts	1.31	km	€685,000	€ 897,350
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	9	No.	€50,000	€ 450,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 519,932
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 3,986,147
	Add Project Specific Risk Contingency		15.0%		€ 597,922
	Sub-Total exclusive of VAT				€ 4,584,069
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,584,069
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	1.355	km	599620	€ 812,485
b	Landtake - Roadbed	1.538	km	100000	€ 153,800
c	Landtake - Property	1.31	km	350000	€ 458,500
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	4.203	km	56000	€ 235,368
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,660,153
	Add Project Specific Risk Contingency		15.0%		€ 249,023
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,909,176
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 318,892
	Add Project Specific Risk Contingency		15.0%		€ 47,834
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 366,726
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 298,961
	Add Project Specific Risk Contingency		15.0%		€ 44,844
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 343,805
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 199,307
	Add Project Specific Risk Contingency		15.0%		€ 29,896
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 229,203
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 318,892
	Add Project Specific Risk Contingency		15.0%		€ 47,834
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 366,726
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 298,961
	Add Project Specific Risk Contingency		15.0%		€ 44,844
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 343,805
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 8,143,510

Mainline Length	4.20	km	Rate per km	€ 1,937,547
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,793,348.8		% of Total Cost	22%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: A3 N1-4

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	RS/MH

Mainline Section Type :	Greenway	Mainline Length :		3.81
Link Roads Section Type :	NA	Link Roads Length :		NA

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm		km	€685,000	€ -
c	Greenway on Disused Railway	0.382	km	€685,000	€ 261,670
d	Bituminous Greenway through Agri Land (with EW)	2.426	km	€820,000	€ 1,989,320
e	Bituminous Greenway through Agri Land	0.809	km	€685,000	€ 554,165
f	Greenway Adjacent to Road	0.191	km	€685,000	€ 130,835
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	10	No.	€25,000	€ 250,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	5	No.	€50,000	€ 250,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 515,399
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 3,951,389
	Add Project Specific Risk Contingency		15.0%		€ 592,708
	Sub-Total exclusive of VAT				€ 4,544,097
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,544,097
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	3.235	km	599620	€ 1,939,771
b	Landtake - Roadbed	0.191	km	100000	€ 19,100
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0.382	km	179000	€ 68,378
e	Co-operation monies	3.808	km	56000	€ 213,248
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 2,240,497
	Add Project Specific Risk Contingency		15.0%		€ 336,075
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 2,576,571
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 316,111
	Add Project Specific Risk Contingency		15.0%		€ 47,417
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 363,528
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 296,354
	Add Project Specific Risk Contingency		15.0%		€ 44,453
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 340,807
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 197,569
	Add Project Specific Risk Contingency		15.0%		€ 29,635
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 227,205
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 316,111
	Add Project Specific Risk Contingency		15.0%		€ 47,417
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 363,528
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 296,354
	Add Project Specific Risk Contingency		15.0%		€ 44,453
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 340,807
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 8,756,543

Mainline Length	3.81	km	Rate per km	€ 2,299,512
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,846,115.3		% of Total Cost	21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: A4-1 N1-4

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	RS/MH

Mainline Section Type :	Greenway	Mainline Length :	2.63		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	1.119	km	€685,000	€ 766,515
c	Greenway on Disused Railway		km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	1.13	km	€820,000	€ 926,600
e	Bituminous Greenway through Agri Land	1.507	km	€685,000	€ 1,032,295
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	25	m	€25,000	€ 625,000
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	1	No.	€50,000	€ 50,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 510,062
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 3,910,472
	Add Project Specific Risk Contingency		15.0%		€ 586,571
	Sub-Total exclusive of VAT				€ 4,497,042
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,497,042
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	1.13	km	599620	€ 677,571
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	1.119	km	179000	€ 200,301
e	Co-operation monies	2.626	km	56000	€ 147,056
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,024,928
	Add Project Specific Risk Contingency		15.0%		€ 153,739
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,178,667
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 312,838
	Add Project Specific Risk Contingency		15.0%		€ 46,926
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 359,763
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 293,285
	Add Project Specific Risk Contingency		15.0%		€ 43,993
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 337,278
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 195,524
	Add Project Specific Risk Contingency		15.0%		€ 29,329
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 224,852
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 312,838
	Add Project Specific Risk Contingency		15.0%		€ 46,926
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 359,763
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 293,285
	Add Project Specific Risk Contingency		15.0%		€ 43,993
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 337,278

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT				€ 7,294,644
Mainline Length	2.63 km	Rate per km		€ 2,777,854
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,689,876.2	% of Total Cost		23%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

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Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: A4-1 N4-9

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	RS/MH

Mainline Section Type :	Greenway	Mainline Length :	4.78		
Link Roads Section Type :	NA	Link Roads Length :	NA		

			Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**					
	a	Greenway on existing tracks	0.608	km	€820,000	€ 498,560
	b	Greenway on Flood Berm	0	km	€685,000	€ -
	c	Greenway on Disused Railway	0	km	€685,000	€ -
	d	Bituminous Greenway through Agri Land (with EW)	2.131	km	€820,000	€ 1,747,420
	e	Bituminous Greenway through Agri Land	0.711	km	€685,000	€ 487,035
	f	Greenway Adjacent to Road	0	km	€685,000	€ -
	g	Greenway Adjacent to Road - Property Impacts	0.44	km	€685,000	€ 301,400
	h	Greenway Shared Road	0.886	km	€15,000	€ 13,290
	j	New Road Bridge	1	m	€25,000	€ 25,000
	k	New Culvert	0	No.	€25,000	€ -
	l	Retaining Wall	440	m	€2,500	€ 1,100,000
	m	Road/Track Crossing	9	No.	€50,000	€ 450,000
	n	Accommodation Works	1	Item	€0	€ -
	p	Statutory Authorities & Utilities	0	Item	€0	€ -
	q	Other Costs	0	Item	€0	€ -
	r	Preliminaries	0			€ 693,406
	s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)					€ 5,316,111
	Add Project Specific Risk Contingency			15.0%		€ 797,417
	Sub-Total exclusive of VAT					€ 6,113,527
	Add VAT at			0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT					€ 6,113,527
2	**Land and Property - All-In Costs**		Quantity	Unit	Rate €	
	a	Landtake - Agi Land	2.841	km	599620	€ 1,703,520
	b	Landtake - Roadbed	0.886	km	100000	€ 88,600
	c	Landtake - Property	0.44	km	350000	€ 154,000
	d	Landtake - Other	0.608	km	179000	€ 108,832
	e	Co-operation monies	4.78	km	56000	€ 267,680
	f	Properties	0	Item		€ -
	Total Base Cost for Land and Property					€ 2,322,632
	Add Project Specific Risk Contingency			15.0%		€ 348,395
	Total L&P Base Cost plus Project Specific Risk Contingency					€ 2,671,027
3	**Planning and Design**					
	Provision to take account of Actual Costs and Contract Amounts where known			8.0%		€ 425,289
	Add Project Specific Risk Contingency			15.0%		€ 63,793
	Total P&D Base Cost plus Project Specific Risk Contingency					€ 489,082
4	**Archaeology**					
	Provision to take account of Actual Costs and Contract Amounts where known			7.5%		€ 398,708
	Add Project Specific Risk Contingency			15.0%		€ 59,806
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT					€ 458,515
5	**Advance Works and Other Contracts**					
	Provision to take account of Actual Costs and Contract Amounts where known			5.0%		€ 265,806
	Add Project Specific Risk Contingency			15.0%		€ 39,871
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency					€ 305,676
6	**Main Contract Supervision (Employer's Costs)**					
	Provision to take account of Actual Costs and Contract Amounts where known			8.0%		€ 425,289
	Add Project Specific Risk Contingency			15.0%		€ 63,793
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency					€ 489,082
7	**Public Transport Connectivity/Asset Renewal**					
	Provision based on percentage of Main Construction Contract Base Cost			7.5%		€ 398,708
	Add Project Specific Risk Contingency			15.0%		€ 59,806
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency					€ 458,515
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT						€ 10,985,424

Mainline Length	4.78 km	Rate per km	€	2,300,612
Active Travel Costs (includes 10% L&P costs) Risk Incl	2,404,179.2	% of Total Cost		22%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

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Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: A5 & A6 N4-12

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	RS/MH

Mainline Section Type :	Greenway	Mainline Length :	2.39		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	2.389	km	€820,000	€ 1,958,980
e	Bituminous Greenway through Agri Land	1.791	km	€685,000	€ 1,226,835
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	2	No.	€50,000	€ 100,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 492,872
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 3,778,687
	Add Project Specific Risk Contingency		15.0%		€ 566,803
	Sub-Total exclusive of VAT				€ 4,345,490
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,345,490
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	2.389	km	599620	€ 1,432,492
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	2.389	km	56000	€ 133,784
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,566,276
	Add Project Specific Risk Contingency		15.0%		€ 234,941
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,801,218
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 302,295
	Add Project Specific Risk Contingency		15.0%		€ 45,344
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 347,639
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 283,402
	Add Project Specific Risk Contingency		15.0%		€ 42,510
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 325,912
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 188,934
	Add Project Specific Risk Contingency		15.0%		€ 28,340
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 217,275
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 302,295
	Add Project Specific Risk Contingency		15.0%		€ 45,344
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 347,639
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 283,402
	Add Project Specific Risk Contingency		15.0%		€ 42,510
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 325,912
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 7,711,084

Mainline Length	2.39 km	Rate per km	€	3,227,746
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,699,154.0	% of Total Cost		22%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	RS/MH

Mainline Section Type :	Greenway	Mainline Length :		1.23
Link Roads Section Type :	NA	Link Roads Length :		NA

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	1.233	km	€820,000	€ 1,011,060
e	Bituminous Greenway through Agri Land	0.924	km	€685,000	€ 632,940
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	10	No.	€25,000	€ 250,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	1	No.	€50,000	€ 50,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 291,600
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 2,235,600
	Add Project Specific Risk Contingency		15.0%		€ 335,340
	Sub-Total exclusive of VAT				€ 2,570,940
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 2,570,940
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	1.233	km	599620	€ 739,331
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	1.233	km	56000	€ 69,048
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 808,379
	Add Project Specific Risk Contingency		15.0%		€ 121,257
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 929,636
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 178,848
	Add Project Specific Risk Contingency		15.0%		€ 26,827
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 205,675
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 167,670
	Add Project Specific Risk Contingency		15.0%		€ 25,151
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 192,821
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 111,780
	Add Project Specific Risk Contingency		15.0%		€ 16,767
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 128,547
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 178,848
	Add Project Specific Risk Contingency		15.0%		€ 26,827
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 205,675
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 167,670
	Add Project Specific Risk Contingency		15.0%		€ 25,151
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 192,821

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT				€ 4,426,115
Mainline Length	1.23 km	Rate per km		€ 3,589,712
Active Travel Costs (includes 10% L&P costs) Risk Incl	991,674.8	% of Total Cost		22%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	RS/MH

Mainline Section Type :	Greenway	Mainline Length :		2.67
Link Roads Section Type :	NA	Link Roads Length :		NA

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0.281	km	€820,000	€ 230,420
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0.992	km	€820,000	€ 813,440
e	Bituminous Greenway through Agri Land	0.331	km	€685,000	€ 226,735
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	1.065	km	€15,000	€ 15,975
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	1	No.	€50,000	€ 50,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 200,486
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 1,537,056
	Add Project Specific Risk Contingency		15.0%		€ 230,558
	Sub-Total exclusive of VAT				€ 1,767,614
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 1,767,614
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	1.322	km	599620	€ 792,698
b	Landtake - Roadbed	1.064	km	100000	€ 106,400
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0.281	km	179000	€ 50,299
e	Co-operation monies	2.667	km	56000	€ 149,352
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,098,749
	Add Project Specific Risk Contingency		15.0%		€ 164,812
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,263,561
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 122,964
	Add Project Specific Risk Contingency		15.0%		€ 18,445
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 141,409
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 115,279
	Add Project Specific Risk Contingency		15.0%		€ 17,292
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 132,571
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 76,853
	Add Project Specific Risk Contingency		15.0%		€ 11,528
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 88,381
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 122,964
	Add Project Specific Risk Contingency		15.0%		€ 18,445
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 141,409
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 115,279
	Add Project Specific Risk Contingency		15.0%		€ 17,292
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 132,571
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 3,667,516

Mainline Length	2.67	km	Rate per km	€ 1,375,147
Active Travel Costs (includes 10% L&P costs) Risk Incl	744,252.4		% of Total Cost	20%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	RS/MH

Mainline Section Type :	Greenway	Mainline Length :	1.42		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0.692	km	€820,000	€ 567,440
e	Bituminous Greenway through Agri Land	0.231	km	€685,000	€ 158,235
f	Greenway Adjacent to Road	0.498	km	€685,000	€ 341,130
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	1.065	km	€15,000	€ 15,975
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	6	No.	€50,000	€ 300,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 207,417
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 1,590,197
	Add Project Specific Risk Contingency		15.0%		€ 238,530
	Sub-Total exclusive of VAT				€ 1,828,727
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 1,828,727
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0.922	km	599620	€ 552,850
b	Landtake - Roadbed	0.498	km	100000	€ 49,800
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	1.42	km	56000	€ 79,520
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 682,170
	Add Project Specific Risk Contingency		15.0%		€ 102,325
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 784,495
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 127,216
	Add Project Specific Risk Contingency		15.0%		€ 19,082
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 146,298
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 119,265
	Add Project Specific Risk Contingency		15.0%		€ 17,890
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 137,154
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 79,510
	Add Project Specific Risk Contingency		15.0%		€ 11,926
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 91,436
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 127,216
	Add Project Specific Risk Contingency		15.0%		€ 19,082
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 146,298
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 119,265
	Add Project Specific Risk Contingency		15.0%		€ 17,890
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 137,154
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 3,271,563

Mainline Length	1.42 km	Rate per km	€	2,303,918
Active Travel Costs (includes 10% L&P costs) Risk Incl	717,708.7	% of Total Cost		22%

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Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	RS/MH

Mainline Section Type :	Greenway	Mainline Length :		3.74
Link Roads Section Type :	NA	Link Roads Length :		NA

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0	km	€820,000	€ -
e	Bituminous Greenway through Agri Land	0	km	€685,000	€ -
f	Greenway Adjacent to Road	2.589	km	€685,000	€ 1,773,465
g	Greenway Adjacent to Road - Property Impacts	1.15	km	€685,000	€ 787,750
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	10	No.	€25,000	€ 250,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	35	No.	€50,000	€ 1,750,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 684,182
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 5,245,397
	Add Project Specific Risk Contingency		15.0%		€ 786,810
	Sub-Total exclusive of VAT				€ 6,032,207
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 6,032,207

		Quantity	Unit	Rate €	
2	**Land and Property - All-In Costs**				
a	Landtake - Agi Land	0	km	599620	€ -
b	Landtake - Roadbed	2.589	km	100000	€ 258,900
c	Landtake - Property	1.15	km	350000	€ 402,500
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	3.74	km	56000	€ 209,440
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 870,840
	Add Project Specific Risk Contingency		15.0%		€ 130,626
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,001,466

3	**Planning and Design**		
	Provision to take account of Actual Costs and Contract Amounts where known	8.0%	€ 419,632
	Add Project Specific Risk Contingency	15.0%	€ 62,945
	Total P&D Base Cost plus Project Specific Risk Contingency		€ 482,577
4	**Archaeology**		
	Provision to take account of Actual Costs and Contract Amounts where known	7.5%	€ 393,405
	Add Project Specific Risk Contingency	15.0%	€ 59,011
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT		€ 452,416
5	**Advance Works and Other Contracts**		
	Provision to take account of Actual Costs and Contract Amounts where known	5.0%	€ 262,270
	Add Project Specific Risk Contingency	15.0%	€ 39,340
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency		€ 301,610
6	**Main Contract Supervision (Employer's Costs)**		
	Provision to take account of Actual Costs and Contract Amounts where known	8.0%	€ 419,632
	Add Project Specific Risk Contingency	15.0%	€ 62,945
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency		€ 482,577
7	**Public Transport Connectivity/Asset Renewal**		
	Provision based on percentage of Main Construction Contract Base Cost	7.5%	€ 393,405
	Add Project Specific Risk Contingency	15.0%	€ 59,011
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency		€ 452,416

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT				€ 9,205,267
Mainline Length	3.74 km	Rate per km		€ 2,461,960
Active Travel Costs (includes 10% L&P costs) Risk Incl	2,208,796.3	% of Total Cost		24%

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Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR			INSERT NAME OF ESTIMATOR			RS/MH	
Mainline Section Type :		Greenway	Mainline Length :			1.35	
Link Roads Section Type :		NA	Link Roads Length :			NA	
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**	Quantity	Unit	Rate €		Total €	
	a Greenway on existing tracks	0	km	€820,000	€	-	
	b Greenway on Flood Berm	0	km	€685,000	€	-	
	c Greenway on Disused Railway	0	km	€685,000	€	-	
	d Bituminous Greenway through Agri Land (with EW)	1.014	km	€820,000	€	831,480	
	e Bituminous Greenway through Agri Land	0.338	km	€685,000	€	231,530	
	f Greenway Adjacent to Road	2	km	€685,000	€	1,370,000	
	g Greenway Adjacent to Road - Property Impacts	1.15	km	€685,000	€	787,750	
	h Greenway Shared Road	0	km	€15,000	€	-	
	j New Road Bridge	0	m	€25,000	€	-	
	k New Culvert	10	No.	€25,000	€	250,000	
	l Retaining Wall	0	m	€2,500	€	-	
	m Road/Track Crossing	0	No.	€50,000	€	-	
	n Accommodation Works	1	Item	€0	€	-	
	p Statutory Authorities & Utilities	0	Item	€0	€	-	
	q Other Costs	0	Item	€0	€	-	
	r Preliminaries	0			€	520,614	
	s Active Travel Costs	0			€	-	
	Total Base Cost for Main Construction Contract (Excluding VAT)				€	3,991,374	
	Add Project Specific Risk Contingency		15.0%		€	598,706	
	Sub-Total exclusive of VAT				€	4,590,080	
	Add VAT at		0.0%		€	-	
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€	4,590,080	
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €			
	a Landtake - Agi Land	1.351	km	599620	€	810,087	
	b Landtake - Roadbed	2	km	100000	€	200,000	
	c Landtake - Property	0	km	350000	€	-	
	d Landtake - Other	0	km	179000	€	-	
	e Co-operation monies	1.353	km	56000	€	75,768	
	f Properties	0	Item		€	-	
	Total Base Cost for Land and Property				€	1,085,855	
	Add Project Specific Risk Contingency		15.0%		€	162,878	
	Total L&P Base Cost plus Project Specific Risk Contingency				€	1,248,733	
3	**Planning and Design**						
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€	319,310	
	Add Project Specific Risk Contingency		15.0%		€	47,896	
	Total P&D Base Cost plus Project Specific Risk Contingency				€	367,206	
4	**Archaeology**						
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€	299,353	
	Add Project Specific Risk Contingency		15.0%		€	44,903	
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€	344,256	
5	**Advance Works and Other Contracts**						
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€	199,569	
	Add Project Specific Risk Contingency		15.0%		€	29,935	
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€	229,504	
6	**Main Contract Supervision (Employer's Costs)**						
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€	319,310	
	Add Project Specific Risk Contingency		15.0%		€	47,896	
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€	367,206	
7	**Public Transport Connectivity/Asset Renewal**						
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€	299,353	
	Add Project Specific Risk Contingency		15.0%		€	44,903	
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€	344,256	
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€	7,491,242	
	Mainline Length	1.35 km		Rate per km	€	5,536,764	
	Active Travel Costs (includes 10% L&P costs) Risk Incl	1,729,405.6		% of Total Cost		23%	

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: L2 N8-9

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	4.52		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0	km	€820,000	€ -
e	Bituminous Greenway through Agri Land	0	km	€685,000	€ -
f	Greenway Adjacent to Road	2.78	km	€685,000	€ 1,904,300
g	Greenway Adjacent to Road - Property Impacts	1.744	km	€685,000	€ 1,194,640
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	322	m	€2,500	€ 805,000
m	Road/Track Crossing	54	No.	€50,000	€ 2,700,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 990,591
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 7,594,531
	Add Project Specific Risk Contingency		15.0%		€ 1,139,180
	Sub-Total exclusive of VAT				€ 8,733,711
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 8,733,711
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0	km	599620	€ -
b	Landtake - Roadbed	2.78	km	100000	€ 278,000
c	Landtake - Property	1.744	km	350000	€ 610,400
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	4.524	km	56000	€ 253,344
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,141,744
	Add Project Specific Risk Contingency		15.0%		€ 171,262
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,313,006
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 607,562
	Add Project Specific Risk Contingency		15.0%		€ 91,134
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 698,697
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 569,590
	Add Project Specific Risk Contingency		15.0%		€ 85,438
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 655,028
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 379,727
	Add Project Specific Risk Contingency		15.0%		€ 56,959
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 436,686
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 607,562
	Add Project Specific Risk Contingency		15.0%		€ 91,134
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 698,697
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 569,590
	Add Project Specific Risk Contingency		15.0%		€ 85,438
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 655,028

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT				€ 13,190,852
Mainline Length	4.52 km	Rate per km		€ 2,915,750
Active Travel Costs (includes 10% L&P costs) Risk Incl	3,184,302.0	% of Total Cost		24%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: B1 (N14-20)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	4.52		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	2.443	km	€820,000	€ 2,003,260
e	Bituminous Greenway through Agri Land	0.814	km	€685,000	€ 557,590
f	Greenway Adjacent to Road	0.609	km	€685,000	€ 417,165
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	3	No.	€50,000	€ 150,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 469,202
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 3,597,217
	Add Project Specific Risk Contingency		15.0%		€ 539,583
	Sub-Total exclusive of VAT				€ 4,136,800
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,136,800
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	3.257	km	599620	€ 1,952,962
b	Landtake - Roadbed	0.609	km	100000	€ 60,900
c	Landtake - Property	0.016	km	350000	€ 5,600
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	3.882	km	56000	€ 217,392
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 2,236,854
	Add Project Specific Risk Contingency		15.0%		€ 335,528
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 2,572,382
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 287,777
	Add Project Specific Risk Contingency		15.0%		€ 43,167
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 330,944
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 269,791
	Add Project Specific Risk Contingency		15.0%		€ 40,469
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 310,260
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 179,861
	Add Project Specific Risk Contingency		15.0%		€ 26,979
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 206,840
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 287,777
	Add Project Specific Risk Contingency		15.0%		€ 43,167
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 330,944
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 269,791
	Add Project Specific Risk Contingency		15.0%		€ 40,469
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 310,260
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 8,198,430

Mainline Length	4.52 km	Rate per km	€ 1,812,208	
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,703,319.6	% of Total Cost	21%	

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: B2 (N14-19)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR

INSERT NAME OF ESTIMATOR MH/RS

Mainline Section Type :	Greenway	Mainline Length :	4.23		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0.075	km	€820,000	€ 61,500
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	2.461	km	€820,000	€ 2,018,020
e	Bituminous Greenway through Agri Land	0.821	km	€685,000	€ 562,385
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0.185	km	€685,000	€ 126,725
h	Greenway Shared Road	0.864	km	€15,000	€ 12,960
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	10	No.	€25,000	€ 250,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	14	No.	€50,000	€ 700,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 559,739
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 4,291,329
	Add Project Specific Risk Contingency		15.0%		€ 643,699
	Sub-Total exclusive of VAT				€ 4,935,028
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,935,028
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	3.275	km	599620	€ 1,963,756
b	Landtake - Roadbed	0.185	km	100000	€ 18,500
c	Landtake - Property	0.185	km	350000	€ 64,750
d	Landtake - Other	0.075	km	179000	€ 13,425
e	Co-operation monies	4.227	km	56000	€ 236,712
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 2,297,143
	Add Project Specific Risk Contingency		15.0%		€ 344,571
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 2,641,714
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 343,306
	Add Project Specific Risk Contingency		15.0%		€ 51,496
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 394,802
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 321,850
	Add Project Specific Risk Contingency		15.0%		€ 48,277
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 370,127
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 214,566
	Add Project Specific Risk Contingency		15.0%		€ 32,185
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 246,751
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 343,306
	Add Project Specific Risk Contingency		15.0%		€ 51,496
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 394,802
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 321,850
	Add Project Specific Risk Contingency		15.0%		€ 48,277
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 370,127

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT € 9,353,352

Mainline Length	4.23 km	Rate per km	€	2,212,764
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,989,285.4	% of Total Cost		21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: B3 (N14-19)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR

INSERT NAME OF ESTIMATOR MH/RS

Mainline Section Type :	Greenway	Mainline Length :	0.60		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0.451	km	€820,000	€ 369,820
e	Bituminous Greenway through Agri Land	0.151	km	€685,000	€ 103,435
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	0	No.	€50,000	€ -
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 70,988
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 544,243
	Add Project Specific Risk Contingency		15.0%		€ 81,636
	Sub-Total exclusive of VAT				€ 625,880
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 625,880
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0.601	km	599620	€ 360,372
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	0.601	km	56000	€ 33,656
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 394,028
	Add Project Specific Risk Contingency		15.0%		€ 59,104
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 453,132
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 43,539
	Add Project Specific Risk Contingency		15.0%		€ 6,531
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 50,070
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 40,818
	Add Project Specific Risk Contingency		15.0%		€ 6,123
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 46,941
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 27,212
	Add Project Specific Risk Contingency		15.0%		€ 4,082
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 31,294
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 43,539
	Add Project Specific Risk Contingency		15.0%		€ 6,531
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 50,070
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 40,818
	Add Project Specific Risk Contingency		15.0%		€ 6,123
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 46,941

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT € 1,304,328

Mainline Length	0.60 km	Rate per km	€	2,170,263
Active Travel Costs (includes 10% L&P costs) Risk Incl	264,099.0	% of Total Cost		20%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: B2 (N19-20)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :		0.95
Link Roads Section Type :	NA	Link Roads Length :		NA

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0	km	€820,000	€ -
e	Bituminous Greenway through Agri Land	0	km	€685,000	€ -
f	Greenway Adjacent to Road	0.358	km	€685,000	€ 245,230
g	Greenway Adjacent to Road - Property Impacts	0.236	km	€685,000	€ 161,660
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	10	No.	€25,000	€ 250,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	2	No.	€50,000	€ 100,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 113,534
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 870,424
	Add Project Specific Risk Contingency		15.0%		€ 130,564
	Sub-Total exclusive of VAT				€ 1,000,987
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 1,000,987
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0	km	599620	€ -
b	Landtake - Roadbed	0.358	km	100000	€ 35,800
c	Landtake - Property	0.236	km	350000	€ 82,600
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	0.594	km	56000	€ 33,264
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 151,664
	Add Project Specific Risk Contingency		15.0%		€ 22,750
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 174,414
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 69,634
	Add Project Specific Risk Contingency		15.0%		€ 10,445
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 80,079
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 65,282
	Add Project Specific Risk Contingency		15.0%		€ 9,792
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 75,074
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 43,521
	Add Project Specific Risk Contingency		15.0%		€ 6,528
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 50,049
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 69,634
	Add Project Specific Risk Contingency		15.0%		€ 10,445
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 80,079
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 65,282
	Add Project Specific Risk Contingency		15.0%		€ 9,792
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 75,074

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT	€ 1,535,756

Mainline Length	0.95 km	Rate per km	€	1,609,807
Active Travel Costs (includes 10% L&P costs) Risk Incl	367,351.6	% of Total Cost		24%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :		2.01
Link Roads Section Type :	NA	Link Roads Length :		NA

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0	km	€820,000	€ -
e	Bituminous Greenway through Agri Land	0	km	€685,000	€ -
f	Greenway Adjacent to Road	0.546	km	€685,000	€ 374,010
g	Greenway Adjacent to Road - Property Impacts	1.463	km	€685,000	€ 1,002,155
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	10	No.	€25,000	€ 250,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	18	No.	€50,000	€ 900,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 378,925
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 2,905,090
	Add Project Specific Risk Contingency		15.0%		€ 435,763
	Sub-Total exclusive of VAT				€ 3,340,853
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 3,340,853
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0	km	599620	€ -
b	Landtake - Roadbed	0.546	km	100000	€ 54,600
c	Landtake - Property	1.463	km	350000	€ 512,050
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	2.009	km	56000	€ 112,504
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 679,154
	Add Project Specific Risk Contingency		15.0%		€ 101,873
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 781,027
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 232,407
	Add Project Specific Risk Contingency		15.0%		€ 34,861
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 267,268
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 217,882
	Add Project Specific Risk Contingency		15.0%		€ 32,682
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 250,564
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 145,254
	Add Project Specific Risk Contingency		15.0%		€ 21,788
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 167,043
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 232,407
	Add Project Specific Risk Contingency		15.0%		€ 34,861
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 267,268
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 217,882
	Add Project Specific Risk Contingency		15.0%		€ 32,682
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 250,564
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 5,324,587

Mainline Length	2.01	km	Rate per km	€ 2,650,367
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,245,948.8		% of Total Cost	23%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: B1 (N21-23)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	1.86		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	1.234	km	€820,000	€ 1,011,880
e	Bituminous Greenway through Agri Land	0.412	km	€685,000	€ 282,220
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0.211	km	€685,000	€ 144,535
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	2	m	€25,000	€ 50,000
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	4	No.	€50,000	€ 200,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 253,295
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 1,941,930
	Add Project Specific Risk Contingency		15.0%		€ 291,290
	Sub-Total exclusive of VAT				€ 2,233,220
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 2,233,220
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	1.645	km	599620	€ 986,375
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0.211	km	350000	€ 73,850
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	1.856	km	56000	€ 103,936
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,164,161
	Add Project Specific Risk Contingency		15.0%		€ 174,624
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,338,785
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 155,354
	Add Project Specific Risk Contingency		15.0%		€ 23,303
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 178,658
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 145,645
	Add Project Specific Risk Contingency		15.0%		€ 21,847
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 167,491
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 97,097
	Add Project Specific Risk Contingency		15.0%		€ 14,564
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 111,661
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 155,354
	Add Project Specific Risk Contingency		15.0%		€ 23,303
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 178,658
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 145,645
	Add Project Specific Risk Contingency		15.0%		€ 21,847
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 167,491
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 4,375,964

Mainline Length	1.86 km	Rate per km	€	2,357,739
Active Travel Costs (includes 10% L&P costs) Risk Incl	914,534.5	% of Total Cost		21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: B2 (N20-23)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	4.06		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	2.544	km	€820,000	€ 2,086,080
e	Bituminous Greenway through Agri Land	0.848	km	€685,000	€ 580,880
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0.664	km	€685,000	€ 454,840
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	1	m	€25,000	€ 25,000
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	8	No.	€50,000	€ 400,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 532,020
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 4,078,820
	Add Project Specific Risk Contingency		15.0%		€ 611,823
	Sub-Total exclusive of VAT				€ 4,690,643
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,690,643
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	3.392	km	599620	€ 2,033,911
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0.664	km	350000	€ 232,400
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	4.056	km	56000	€ 227,136
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 2,493,447
	Add Project Specific Risk Contingency		15.0%		€ 374,017
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 2,867,464
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 326,306
	Add Project Specific Risk Contingency		15.0%		€ 48,946
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 375,251
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 305,912
	Add Project Specific Risk Contingency		15.0%		€ 45,887
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 351,798
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 203,941
	Add Project Specific Risk Contingency		15.0%		€ 30,591
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 234,532
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 326,306
	Add Project Specific Risk Contingency		15.0%		€ 48,946
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 375,251
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 305,912
	Add Project Specific Risk Contingency		15.0%		€ 45,887
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 351,798
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 9,246,739

Mainline Length	4.06 km	Rate per km	€	2,279,768
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,926,432.0	% of Total Cost		21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: B3 (N19-23)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	6.05		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0.082	km	€820,000	€ 67,240
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	4.808	km	€820,000	€ 3,942,560
e	Bituminous Greenway through Agri Land	1.603	km	€685,000	€ 1,098,055
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	9	No.	€50,000	€ 450,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 833,678
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 6,391,533
	Add Project Specific Risk Contingency		15.0%		€ 958,730
	Sub-Total exclusive of VAT				€ 7,350,263
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 7,350,263
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	6.411	km	599620	€ 3,844,164
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0.082	km	179000	€ 14,678
e	Co-operation monies	6.049	km	56000	€ 338,744
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 4,197,586
	Add Project Specific Risk Contingency		15.0%		€ 629,638
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 4,827,224
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 511,323
	Add Project Specific Risk Contingency		15.0%		€ 76,698
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 588,021
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 479,365
	Add Project Specific Risk Contingency		15.0%		€ 71,905
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 551,270
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 319,577
	Add Project Specific Risk Contingency		15.0%		€ 47,936
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 367,513
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 511,323
	Add Project Specific Risk Contingency		15.0%		€ 76,698
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 588,021
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 479,365
	Add Project Specific Risk Contingency		15.0%		€ 71,905
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 551,270

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT				€ 14,823,582
Mainline Length	6.05 km	Rate per km		€ 2,450,584
Active Travel Costs (includes 10% L&P costs) Risk Incl	3,052,118.7	% of Total Cost		21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: B4 (N14-21A)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	1.62		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	1.216	km	€820,000	€ 997,120
e	Bituminous Greenway through Agri Land	0.405	km	€685,000	€ 277,425
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	1	m	€25,000	€ 25,000
k	New Culvert	10	No.	€25,000	€ 250,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	0	No.	€50,000	€ -
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 232,432
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 1,781,977
	Add Project Specific Risk Contingency		15.0%		€ 267,297
	Sub-Total exclusive of VAT				€ 2,049,273
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 2,049,273
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	1.621	km	599620	€ 971,984
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	1.621	km	56000	€ 90,776
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,062,760
	Add Project Specific Risk Contingency		15.0%		€ 159,414
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,222,174
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 142,558
	Add Project Specific Risk Contingency		15.0%		€ 21,384
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 163,942
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 133,648
	Add Project Specific Risk Contingency		15.0%		€ 20,047
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 153,695
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 89,099
	Add Project Specific Risk Contingency		15.0%		€ 13,365
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 102,464
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 142,558
	Add Project Specific Risk Contingency		15.0%		€ 21,384
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 163,942
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 133,648
	Add Project Specific Risk Contingency		15.0%		€ 20,047
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 153,695
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 4,009,186

Mainline Length	1.62 km	Rate per km	€	2,473,279
Active Travel Costs (includes 10% L&P costs) Risk Incl	838,572.1	% of Total Cost		21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	1.62		
Link Roads Section Type :	NA	Link Roads Length :	NA		

			Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**					
	a	Greenway on existing tracks	0.77	km	€820,000	€ 631,400
	b	Greenway on Flood Berm	0	km	€685,000	€ -
	c	Greenway on Disused Railway	0	km	€685,000	€ -
	d	Bituminous Greenway through Agri Land (with EW)	0.455	km	€820,000	€ 373,100
	e	Bituminous Greenway through Agri Land	0	km	€685,000	€ -
	f	Greenway Adjacent to Road	0	km	€685,000	€ -
	g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
	h	Greenway Shared Road	0	km	€15,000	€ -
	j	New Road Bridge	0	m	€25,000	€ -
	k	New Culvert	0	No.	€25,000	€ -
	l	Retaining Wall	0	m	€2,500	€ -
	m	Road/Track Crossing	2	No.	€50,000	€ 100,000
	n	Accommodation Works	0	Item	€0	€ -
	p	Statutory Authorities & Utilities	0	Item	€0	€ -
	q	Other Costs	0	Item	€0	€ -
	r	Preliminaries	0			€ 165,675
	s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)					€ 1,270,175
	Add Project Specific Risk Contingency			15.0%		€ 190,526
	Sub-Total exclusive of VAT					€ 1,460,701
	Add VAT at			0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT					€ 1,460,701
2	**Land and Property - All-In Costs**		Quantity	Unit	Rate €	
	a	Landtake - Agi Land	0.455	km	599620	€ 272,827
	b	Landtake - Roadbed	0	km	100000	€ -
	c	Landtake - Property	0	km	350000	€ -
	d	Landtake - Other	0.77	km	179000	€ 137,830
	e	Co-operation monies	1.228	km	56000	€ 68,768
	f	Properties	0	Item		€ -
	Total Base Cost for Land and Property					€ 479,425
	Add Project Specific Risk Contingency			15.0%		€ 71,914
	Total L&P Base Cost plus Project Specific Risk Contingency					€ 551,339
3	**Planning and Design**					
	Provision to take account of Actual Costs and Contract Amounts where known			8.0%		€ 101,614
	Add Project Specific Risk Contingency			15.0%		€ 15,242
	Total P&D Base Cost plus Project Specific Risk Contingency					€ 116,856
4	**Archaeology**					
	Provision to take account of Actual Costs and Contract Amounts where known			7.5%		€ 95,263
	Add Project Specific Risk Contingency			15.0%		€ 14,289
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT					€ 109,553
5	**Advance Works and Other Contracts**					
	Provision to take account of Actual Costs and Contract Amounts where known			5.0%		€ 63,509
	Add Project Specific Risk Contingency			15.0%		€ 9,526
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency					€ 73,035
6	**Main Contract Supervision (Employer's Costs)**					
	Provision to take account of Actual Costs and Contract Amounts where known			8.0%		€ 101,614
	Add Project Specific Risk Contingency			15.0%		€ 15,242
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency					€ 116,856
7	**Public Transport Connectivity/Asset Renewal**					
	Provision based on percentage of Main Construction Contract Base Cost			7.5%		€ 95,263
	Add Project Specific Risk Contingency			15.0%		€ 14,289
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency					€ 109,553

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT € 2,537,893

Mainline Length	1.62 km	Rate per km	€	1,565,634
Active Travel Costs (includes 10% L&P costs) Risk Incl	565,744.2	% of Total Cost		22%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: L3 (N21-21A)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	1.28		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0	km	€820,000	€ -
e	Bituminous Greenway through Agri Land	0	km	€685,000	€ -
f	Greenway Adjacent to Road	1.283	km	€685,000	€ 878,855
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	6	No.	€50,000	€ 300,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 176,828
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 1,355,683
	Add Project Specific Risk Contingency		15.0%		€ 203,352
	Sub-Total exclusive of VAT				€ 1,559,036
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 1,559,036
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0	km	599620	€ -
b	Landtake - Roadbed	1.283	km	100000	€ 128,300
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	1.283	km	56000	€ 71,848
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 200,148
	Add Project Specific Risk Contingency		15.0%		€ 30,022
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 230,170
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 108,455
	Add Project Specific Risk Contingency		15.0%		€ 16,268
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 124,723
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 101,676
	Add Project Specific Risk Contingency		15.0%		€ 15,251
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 116,928
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 67,784
	Add Project Specific Risk Contingency		15.0%		€ 10,168
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 77,952
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 108,455
	Add Project Specific Risk Contingency		15.0%		€ 16,268
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 124,723
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 101,676
	Add Project Specific Risk Contingency		15.0%		€ 15,251
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 116,928

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT				€ 2,350,459
Mainline Length	1.28 km	Rate per km		€ 1,832,002
Active Travel Costs (includes 10% L&P costs) Risk Incl	568,001.7	% of Total Cost		24%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	3.41		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	1.732	km	€685,000	€ 1,186,420
d	Bituminous Greenway through Agri Land (with EW)	1.674	km	€820,000	€ 1,372,680
e	Bituminous Greenway through Agri Land	0.419	km	€685,000	€ 287,015
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	5	No.	€50,000	€ 250,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 464,417
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 3,560,532
	Add Project Specific Risk Contingency		15.0%		€ 534,080
	Sub-Total exclusive of VAT				€ 4,094,612
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,094,612
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	1.674	km	599620	€ 1,003,764
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	1.732	km	179000	€ 310,028
e	Co-operation monies	3.406	km	56000	€ 190,736
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,504,528
	Add Project Specific Risk Contingency		15.0%		€ 225,679
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,730,207
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 284,843
	Add Project Specific Risk Contingency		15.0%		€ 42,726
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 327,569
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 267,040
	Add Project Specific Risk Contingency		15.0%		€ 40,056
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 307,096
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 178,027
	Add Project Specific Risk Contingency		15.0%		€ 26,704
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 204,731
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 284,843
	Add Project Specific Risk Contingency		15.0%		€ 42,726
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 327,569
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 267,040
	Add Project Specific Risk Contingency		15.0%		€ 40,056
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 307,096
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 7,298,880

Mainline Length	3.41 km	Rate per km	€ 2,142,948	
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,604,354.7	% of Total Cost	22%	

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C2 (N31-43)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	2.80		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0	km	€820,000	€ -
e	Bituminous Greenway through Agri Land	0	km	€685,000	€ -
f	Greenway Adjacent to Road	2.802	km	€685,000	€ 1,919,370
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	26	No.	€50,000	€ 1,300,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 482,906
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 3,702,276
	Add Project Specific Risk Contingency		15.0%		€ 555,341
	Sub-Total exclusive of VAT				€ 4,257,617
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,257,617
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0	km	599620	€ -
b	Landtake - Roadbed	2.802	km	100000	€ 280,200
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	2.802	km	56000	€ 156,912
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 437,112
	Add Project Specific Risk Contingency		15.0%		€ 65,567
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 502,679
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 296,182
	Add Project Specific Risk Contingency		15.0%		€ 44,427
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 340,609
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 277,671
	Add Project Specific Risk Contingency		15.0%		€ 41,651
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 319,321
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 185,114
	Add Project Specific Risk Contingency		15.0%		€ 27,767
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 212,881
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 296,182
	Add Project Specific Risk Contingency		15.0%		€ 44,427
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 340,609
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 277,671
	Add Project Specific Risk Contingency		15.0%		€ 41,651
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 319,321

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT	€ 6,293,038

Mainline Length	2.80 km	Rate per km	€ 2,245,909	
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,538,582.6	% of Total Cost	24%	

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C9 (N31-41)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	1.51		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	1.135	km	€820,000	€ 930,700
e	Bituminous Greenway through Agri Land	0.378	km	€685,000	€ 258,930
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	20	No.	€25,000	€ 500,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	2	No.	€50,000	€ 100,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 268,445
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 2,058,075
	Add Project Specific Risk Contingency		15.0%		€ 308,711
	Sub-Total exclusive of VAT				€ 2,366,786
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 2,366,786
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	1.513	km	599620	€ 907,225
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	1.513	km	56000	€ 84,728
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 991,953
	Add Project Specific Risk Contingency		15.0%		€ 148,793
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,140,746
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 164,646
	Add Project Specific Risk Contingency		15.0%		€ 24,697
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 189,343
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 154,356
	Add Project Specific Risk Contingency		15.0%		€ 23,153
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 177,509
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 102,904
	Add Project Specific Risk Contingency		15.0%		€ 15,436
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 118,339
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 164,646
	Add Project Specific Risk Contingency		15.0%		€ 24,697
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 189,343
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 154,356
	Add Project Specific Risk Contingency		15.0%		€ 23,153
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 177,509
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 4,359,575

Mainline Length	1.51 km	Rate per km	€ 2,881,411	
Active Travel Costs (includes 10% L&P costs) Risk Incl	941,420.6	% of Total Cost	22%	

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C5 (N25-28)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	2.70		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0.348	km	€820,000	€ 285,360
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	1.76	km	€820,000	€ 1,443,200
e	Bituminous Greenway through Agri Land	0.587	km	€685,000	€ 402,095
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	2	No.	€50,000	€ 100,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 334,598
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 2,565,253
	Add Project Specific Risk Contingency		15.0%		€ 384,788
	Sub-Total exclusive of VAT				€ 2,950,041
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 2,950,041
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	2.347	km	599620	€ 1,407,308
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0.348	km	179000	€ 62,292
e	Co-operation monies	2.695	km	56000	€ 150,920
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,620,520
	Add Project Specific Risk Contingency		15.0%		€ 243,078
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,863,598
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 205,220
	Add Project Specific Risk Contingency		15.0%		€ 30,783
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 236,003
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 192,394
	Add Project Specific Risk Contingency		15.0%		€ 28,859
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 221,253
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 128,263
	Add Project Specific Risk Contingency		15.0%		€ 19,239
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 147,502
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 205,220
	Add Project Specific Risk Contingency		15.0%		€ 30,783
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 236,003
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 192,394
	Add Project Specific Risk Contingency		15.0%		€ 28,859
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 221,253

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT € 5,875,654

Mainline Length	2.70 km	Rate per km	€	2,180,206
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,217,591.6	% of Total Cost		21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C5 (N28-35)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	6.18		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0.418	km	€820,000	€ 342,760
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0.907	km	€820,000	€ 743,740
e	Bituminous Greenway through Agri Land	0.302	km	€685,000	€ 206,870
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	4.554	km	€15,000	€ 68,310
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	20	No.	€25,000	€ 500,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	6	No.	€50,000	€ 300,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 324,252
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 2,485,932
	Add Project Specific Risk Contingency		15.0%		€ 372,890
	Sub-Total exclusive of VAT				€ 2,858,822
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 2,858,822
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	1.209	km	599620	€ 724,941
b	Landtake - Roadbed	4.554	km	100000	€ 455,400
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0.418	km	179000	€ 74,822
e	Co-operation monies	6.181	km	56000	€ 346,136
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,601,299
	Add Project Specific Risk Contingency		15.0%		€ 240,195
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,841,493
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 198,875
	Add Project Specific Risk Contingency		15.0%		€ 29,831
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 228,706
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 186,445
	Add Project Specific Risk Contingency		15.0%		€ 27,967
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 214,412
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 124,297
	Add Project Specific Risk Contingency		15.0%		€ 18,644
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 142,941
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 198,875
	Add Project Specific Risk Contingency		15.0%		€ 29,831
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 228,706
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 186,445
	Add Project Specific Risk Contingency		15.0%		€ 27,967
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 214,412

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT € 5,729,491

Mainline Length	6.18 km	Rate per km	€	926,952
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,183,494.0	% of Total Cost		21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C5 (N35-38)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR

INSERT NAME OF ESTIMATOR MH/RS

Mainline Section Type :	Greenway	Mainline Length :	1.46		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0.623	km	€820,000	€ 510,860
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0.58	km	€820,000	€ 475,600
e	Bituminous Greenway through Agri Land	0.193	km	€685,000	€ 132,205
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0.67	km	€15,000	€ 10,050
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	20	No.	€25,000	€ 500,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	6	No.	€50,000	€ 300,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 289,307
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 2,218,022
	Add Project Specific Risk Contingency		15.0%		€ 332,703
	Sub-Total exclusive of VAT				€ 2,550,726
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 2,550,726
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0.773	km	599620	€ 463,506
b	Landtake - Roadbed	0.67	km	100000	€ 67,000
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0.418	km	179000	€ 74,822
e	Co-operation monies	1.463	km	56000	€ 81,928
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 687,256
	Add Project Specific Risk Contingency		15.0%		€ 103,088
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 790,345
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 177,442
	Add Project Specific Risk Contingency		15.0%		€ 26,616
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 204,058
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 166,352
	Add Project Specific Risk Contingency		15.0%		€ 24,953
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 191,304
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 110,901
	Add Project Specific Risk Contingency		15.0%		€ 16,635
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 127,536
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 177,442
	Add Project Specific Risk Contingency		15.0%		€ 26,616
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 204,058
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 166,352
	Add Project Specific Risk Contingency		15.0%		€ 24,953
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 191,304
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 4,259,331

Mainline Length	1.46 km	Rate per km	€	2,911,368
Active Travel Costs (includes 10% L&P costs) Risk Incl	970,679.4	% of Total Cost		23%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C5 (N38-42)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	1.53		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0	km	€820,000	€ -
e	Bituminous Greenway through Agri Land	0	km	€685,000	€ -
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0.919	km	€685,000	€ 629,515
h	Greenway Shared Road	0.612	km	€15,000	€ 9,180
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	6	No.	€50,000	€ 300,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 140,804
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 1,079,499
	Add Project Specific Risk Contingency		15.0%		€ 161,925
	Sub-Total exclusive of VAT				€ 1,241,424
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 1,241,424
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0	km	599620	€ -
b	Landtake - Roadbed	0.612	km	100000	€ 61,200
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	1.531	km	56000	€ 85,736
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 146,936
	Add Project Specific Risk Contingency		15.0%		€ 22,040
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 168,976
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 86,360
	Add Project Specific Risk Contingency		15.0%		€ 12,954
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 99,314
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 80,962
	Add Project Specific Risk Contingency		15.0%		€ 12,144
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 93,107
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 53,975
	Add Project Specific Risk Contingency		15.0%		€ 8,096
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 62,071
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 86,360
	Add Project Specific Risk Contingency		15.0%		€ 12,954
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 99,314
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 80,962
	Add Project Specific Risk Contingency		15.0%		€ 12,144
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 93,107
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 1,857,313

Mainline Length	1.53 km	Rate per km	€ 1,213,137	
Active Travel Costs (includes 10% L&P costs) Risk Incl	450,856.3	% of Total Cost	24%	

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C10 (N38-41)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	1.47		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0	km	€820,000	€ -
e	Bituminous Greenway through Agri Land	0	km	€685,000	€ -
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	1.472	km	€685,000	€ 1,008,320
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	7	No.	€50,000	€ 350,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 203,748
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 1,562,068
	Add Project Specific Risk Contingency		15.0%		€ 234,310
	Sub-Total exclusive of VAT				€ 1,796,378
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 1,796,378
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0	km	599620	€ -
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	1.472	km	350000	€ 515,200
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	1.472	km	56000	€ 82,432
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 597,632
	Add Project Specific Risk Contingency		15.0%		€ 89,645
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 687,277
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 124,965
	Add Project Specific Risk Contingency		15.0%		€ 18,745
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 143,710
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 117,155
	Add Project Specific Risk Contingency		15.0%		€ 17,573
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 134,728
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 78,103
	Add Project Specific Risk Contingency		15.0%		€ 11,716
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 89,819
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 124,965
	Add Project Specific Risk Contingency		15.0%		€ 18,745
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 143,710
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 117,155
	Add Project Specific Risk Contingency		15.0%		€ 17,573
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 134,728

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT				€ 3,130,351
Mainline Length	1.47 km	Rate per km		€ 2,126,597
Active Travel Costs (includes 10% L&P costs) Risk Incl	696,679.0	% of Total Cost		22%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C9 (N41-45)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	3.66		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	0	km	€820,000	€ -
e	Bituminous Greenway through Agri Land	0	km	€685,000	€ -
f	Greenway Adjacent to Road	3.655	km	€685,000	€ 2,503,675
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	24	No.	€50,000	€ 1,200,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 555,551
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 4,259,226
	Add Project Specific Risk Contingency		15.0%		€ 638,884
	Sub-Total exclusive of VAT				€ 4,898,110
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,898,110
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	0	km	599620	€ -
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0.251	km	350000	€ 87,850
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	3.655	km	56000	€ 204,680
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 292,530
	Add Project Specific Risk Contingency		15.0%		€ 43,880
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 336,410
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 340,738
	Add Project Specific Risk Contingency		15.0%		€ 51,111
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 391,849
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 319,442
	Add Project Specific Risk Contingency		15.0%		€ 47,916
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 367,358
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 212,961
	Add Project Specific Risk Contingency		15.0%		€ 31,944
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 244,906
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 340,738
	Add Project Specific Risk Contingency		15.0%		€ 51,111
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 391,849
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 319,442
	Add Project Specific Risk Contingency		15.0%		€ 47,916
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 367,358

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT € 6,997,839

Mainline Length	3.66 km	Rate per km	€	1,914,594
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,745,849.9	% of Total Cost		25%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C10 (N41-44)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	2.42		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	1.814	km	€820,000	€ 1,487,480
e	Bituminous Greenway through Agri Land	0.605	km	€685,000	€ 414,425
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	10	No.	€25,000	€ 250,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	3	No.	€50,000	€ 150,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 345,286
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 2,647,191
	Add Project Specific Risk Contingency		15.0%		€ 397,079
	Sub-Total exclusive of VAT				€ 3,044,269
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 3,044,269
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	2.419	km	599620	€ 1,450,481
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	2.419	km	56000	€ 135,464
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,585,945
	Add Project Specific Risk Contingency		15.0%		€ 237,892
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 1,823,836
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 211,775
	Add Project Specific Risk Contingency		15.0%		€ 31,766
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 243,542
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 198,539
	Add Project Specific Risk Contingency		15.0%		€ 29,781
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 228,320
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 132,360
	Add Project Specific Risk Contingency		15.0%		€ 19,854
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 152,213
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 211,775
	Add Project Specific Risk Contingency		15.0%		€ 31,766
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 243,542
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 198,539
	Add Project Specific Risk Contingency		15.0%		€ 29,781
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 228,320
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 5,964,043

Mainline Length	2.42 km	Rate per km	€	2,465,499
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,246,554.3	% of Total Cost		21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	2.96		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	2.216	km	€820,000	€ 1,817,120
e	Bituminous Greenway through Agri Land	0.739	km	€685,000	€ 506,215
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0	km	€685,000	€ -
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	10	No.	€25,000	€ 250,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	6	No.	€50,000	€ 300,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 431,000
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 3,304,335
	Add Project Specific Risk Contingency		15.0%		€ 495,650
	Sub-Total exclusive of VAT				€ 3,799,986
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 3,799,986
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	2.955	km	599620	€ 1,771,877
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0	km	350000	€ -
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	2.955	km	56000	€ 165,480
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 1,937,357
	Add Project Specific Risk Contingency		15.0%		€ 290,604
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 2,227,961
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 264,347
	Add Project Specific Risk Contingency		15.0%		€ 39,652
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 303,999
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 247,825
	Add Project Specific Risk Contingency		15.0%		€ 37,174
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 284,999
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 165,217
	Add Project Specific Risk Contingency		15.0%		€ 24,783
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 189,999
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 264,347
	Add Project Specific Risk Contingency		15.0%		€ 39,652
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 303,999
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 247,825
	Add Project Specific Risk Contingency		15.0%		€ 37,174
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 284,999
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT					€ 7,395,941

Mainline Length	2.96 km	Rate per km	€ 2,502,857	
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,551,138.8	% of Total Cost	21%	

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C4-1 (N28-30)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR	MH/RS

Mainline Section Type :	Greenway	Mainline Length :	3.51		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0	km	€820,000	€ -
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	2.535	km	€820,000	€ 2,078,700
e	Bituminous Greenway through Agri Land	0.845	km	€685,000	€ 578,825
f	Greenway Adjacent to Road		km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0.132	km	€685,000	€ 90,420
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	0	No.	€25,000	€ -
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	7	No.	€50,000	€ 350,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 464,692
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 3,562,637
	Add Project Specific Risk Contingency		15.0%		€ 534,396
	Sub-Total exclusive of VAT				€ 4,097,032
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 4,097,032
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	3.38	km	599620	€ 2,026,716
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0.132	km	350000	€ 46,200
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	3.512	km	56000	€ 196,672
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 2,269,588
	Add Project Specific Risk Contingency		15.0%		€ 340,438
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 2,610,026
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 285,011
	Add Project Specific Risk Contingency		15.0%		€ 42,752
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 327,763
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 267,198
	Add Project Specific Risk Contingency		15.0%		€ 40,080
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 307,277
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 178,132
	Add Project Specific Risk Contingency		15.0%		€ 26,720
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 204,852
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 285,011
	Add Project Specific Risk Contingency		15.0%		€ 42,752
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 327,763
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 267,198
	Add Project Specific Risk Contingency		15.0%		€ 40,080
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 307,277

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT				€ 8,181,990
Mainline Length	3.51 km	Rate per km		€ 2,329,724
Active Travel Costs (includes 10% L&P costs) Risk Incl	1,693,182.5	% of Total Cost		21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE Dundalk Bay to Carlingford Greenway

INSERT DATE OF ESTIMATE 21/05/2025

INSERT CURRENT PHASE Option Selection

INSERT BASE DATE FOR RAT 2024

INSERT NAME OF TECHNICAL ADVISOR

INSERT NAME OF ESTIMATOR MH/RS

Mainline Section Type :	Greenway	Mainline Length :	5.15		
Link Roads Section Type :	NA	Link Roads Length :	NA		

		Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**				
a	Greenway on existing tracks	0.395	km	€820,000	€ 323,900
b	Greenway on Flood Berm	0	km	€685,000	€ -
c	Greenway on Disused Railway	0	km	€685,000	€ -
d	Bituminous Greenway through Agri Land (with EW)	3.469	km	€820,000	€ 2,844,580
e	Bituminous Greenway through Agri Land	1.156	km	€685,000	€ 791,860
f	Greenway Adjacent to Road	0	km	€685,000	€ -
g	Greenway Adjacent to Road - Property Impacts	0.126	km	€685,000	€ 86,310
h	Greenway Shared Road	0	km	€15,000	€ -
j	New Road Bridge	0	m	€25,000	€ -
k	New Culvert	10	No.	€25,000	€ 250,000
l	Retaining Wall	0	m	€2,500	€ -
m	Road/Track Crossing	10	No.	€50,000	€ 500,000
n	Accommodation Works	1	Item	€0	€ -
p	Statutory Authorities & Utilities	0	Item	€0	€ -
q	Other Costs	0	Item	€0	€ -
r	Preliminaries	0			€ 719,498
s	Active Travel Costs	0			€ -
	Total Base Cost for Main Construction Contract (Excluding VAT)				€ 5,516,148
	Add Project Specific Risk Contingency		15.0%		€ 827,422
	Sub-Total exclusive of VAT				€ 6,343,570
	Add VAT at		0.0%		€ -
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT				€ 6,343,570
2	**Land and Property - All-In Costs**	Quantity	Unit	Rate €	
a	Landtake - Agi Land	4.625	km	599620	€ 2,773,243
b	Landtake - Roadbed	0	km	100000	€ -
c	Landtake - Property	0.126	km	350000	€ 44,100
d	Landtake - Other	0	km	179000	€ -
e	Co-operation monies	5.146	km	56000	€ 288,176
f	Properties	0	Item		€ -
	Total Base Cost for Land and Property				€ 3,105,519
	Add Project Specific Risk Contingency		15.0%		€ 465,828
	Total L&P Base Cost plus Project Specific Risk Contingency				€ 3,571,346
3	**Planning and Design**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 441,292
	Add Project Specific Risk Contingency		15.0%		€ 66,194
	Total P&D Base Cost plus Project Specific Risk Contingency				€ 507,486
4	**Archaeology**				
	Provision to take account of Actual Costs and Contract Amounts where known		7.5%		€ 413,711
	Add Project Specific Risk Contingency		15.0%		€ 62,057
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT				€ 475,768
5	**Advance Works and Other Contracts**				
	Provision to take account of Actual Costs and Contract Amounts where known		5.0%		€ 275,807
	Add Project Specific Risk Contingency		15.0%		€ 41,371
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency				€ 317,178
6	**Main Contract Supervision (Employer's Costs)**				
	Provision to take account of Actual Costs and Contract Amounts where known		8.0%		€ 441,292
	Add Project Specific Risk Contingency		15.0%		€ 66,194
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency				€ 507,486
7	**Public Transport Connectivity/Asset Renewal**				
	Provision based on percentage of Main Construction Contract Base Cost		7.5%		€ 413,711
	Add Project Specific Risk Contingency		15.0%		€ 62,057
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency				€ 475,768

TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT € 12,198,601

Mainline Length	5.15 km	Rate per km	€	2,370,502
Active Travel Costs (includes 10% L&P costs) Risk Incl	2,574,625.9	% of Total Cost		21%

N.B. Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.

Option: C7 (N35-41)

Level 2 Estimate Summary Sheet

INSERT PROJECT TITLE		**INSERT DATE OF ESTIMATE**	10/04/2026
Dundalk Bay to Carlingford Greenway			
INSERT CURRENT PHASE		**INSERT BASE DATE FOR RATE**	2025
Option Selection			
INSERT NAME OF TECHNICAL ADVISOR	INSERT NAME OF ESTIMATOR		MH/RS
Mainline Section Type :	Greenway	Mainline Length :	30.00
Link Roads Section Type :	NA	Link Roads Length :	NA

			Quantity	Unit	Rate €	Total €
1	**Main Construction Contract (See attached for breakdown presented to Level 2 detail)**					
	a	Greenway on existing tracks		km		
	b	Greenway on Flood Berm		km		
	c	Greenway on Disused Railway	5	km	€1,175,400	€ 5,877,000
	d	Bituminous Greenway through Agri Land (with EW)	10	km	€1,175,400	€ 11,754,000
	e	Bituminous Greenway through Agri Land		km		
	f	Greenway Adjacent to Road	15	km	€1,175,400	€ 17,631,000
	g	Greenway Adjacent to Road - Property Impacts		km		
	h	Greenway Shared Road		km		
	j	New Road Bridge		m		
	k	New Culverts		m		
	l	Retaining Wall		m		
	m	Road/Track Crossing		No.		
	n	Accommodation Works		Item		
	p	Statutory Authorities & Utilities		Item		
	q	Other Costs		Item		
	r	Preliminaries				
	s	Active Travel Costs				
	Total Base Cost for Main Construction Contract (Excluding VAT)					€ 35,262,000
	Add Project Specific Risk Contingency			15.0%		€ 5,805,000
	Sub-Total exclusive of VAT					€ 41,067,000
	Add VAT at			13.5%		€ 5,544,045
	Total MCC Base Cost plus Project Specific Risk Contingency and VAT					€ 46,611,045
2	**Land and Property - All-In Costs**		Quantity	Unit	Rate €	
	a	Landtake - Agi Land	10	km		€ -
	b	Landtake - Roadbed	15	km		€ -
	c	Landtake - Property	0	km		€ -
	d	Landtake - Other	5	km		€ -
	e	Co-operation monies	30	km		€ -
	f	Properties	0	Item		€ -
	Total Base Cost for Land and Property					€ 7,500,000
	Add Project Specific Risk Contingency			15.0%		€ 1,125,000
	Total L&P Base Cost plus Project Specific Risk Contingency					€ 8,625,000
3	**Planning and Design**					
	Provision to take account of Actual Costs and Contract Amounts where known			7.0%		€ 2,468,000
	Add Project Specific Risk Contingency			15.0%		€ 370,000
	Total P&D Base Cost plus Project Specific Risk Contingency					€ 2,838,000
4	**Archaeology**					
	Provision to take account of Actual Costs and Contract Amounts where known			4.5%		€ 1,587,000
	Add Project Specific Risk Contingency			15.0%		€ 238,000
	Total Archaeology Base Cost plus Project Specific Risk Contingency and VAT					€ 1,825,000
5	**Advance Works and Other Contracts**					
	Provision to take account of Actual Costs and Contract Amounts where known			3.0%		€ 1,058,000
	Add Project Specific Risk Contingency			15.0%		€ 159,000
	Total Enabling Works and Other Contracts Base Cost plus Project Specific Risk Contingency					€ 1,217,000
6	**Main Contract Supervision (Employer's Costs)**					
	Provision to take account of Actual Costs and Contract Amounts where known			5.0%		€ 1,763,000
	Add Project Specific Risk Contingency			15.0%		€ 264,000
	Total MC Supervision (Employer's Costs) Base Cost plus Project Specific Risk Contingency					€ 2,027,000
7	**Public Transport Connectivity/Asset Renewal**					
	Provision based on percentage of Main Construction Contract Base Cost			4.0%		€ 1,410,000
	Add Project Specific Risk Contingency			15.0%		€ 212,000
	Total Walking / Cycling / PT Connectivity / Asset Renewal Base Cost plus Project Specific Risk Contingency					€ 1,622,000
TOTAL LEVEL 2 ESTIMATE INCLUSIVE OF VAT						€ 64,765,045

Mainline Length	30.00 km	Rate per km	€ 2,158,835
Active Travel Costs (includes 10% L&P costs) Risk Incl	64,765,045.0	% of Total Cost	100%

N.B.
Figures above are INCLUSIVE of VAT - VAT rates utilised are : { PLEASE INSERT RATES HERE FOR EACH COST HEADING }
Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.
Total base costs to include for ALL qualifying costs under each cost heading.
Refer to the TII Cost Management Manual for information on coverage and format of back-up.
See attached Estimate Assumptions Sheet for Further Project Information.

Emerging Preferred Route Corridor

Level 2 Backup Sheet

Dundalk to Carlingford Greenway

Phase 2 2025

Emerging Preferred Route Corridor RS/MH

Main Construction Cost - Base Cost Estimate

Summary

A	Site Clearance	€	38,385.00
B	Fencing	€	2,426,510.00
C	Safety Barriers and Pedestrian Guardrails	€	240,500.00
D	Drainage and Service Ducts	€	7,228,359.17
E	Earthworks	€	8,679,685.83
F	Pavement	€	2,859,672.00
G	Kerbs, Footways and Paved Areas	€	4,139,093.75
H	Traffic Signs	€	117,988.00
J	Roadmarking	€	444,180.15
K	Lighting and Electrical	€	455,850.25
L	Landscaping and Environmental	€	940,320.11
M	Structures (Including Tunnels to be seperately identified)	€	56,898.00
N	Accommodation Works	€	1,522,481.25
P	Statutory Authorities & Utilities - Included in Q below		
Q	Any Other Obligations and Liabilities of the Contractor	€	1,880,640.23
S	Active Travel		
	Sub-Total		
R	Preliminaries	€	4,231,440.51
	MCC Base Cost Total excluding Project Specific Risk Contingency	€	35,262,004.25
	Add Project Specific Risk Contingency 15 %	€	5,805,000.00
	MCC Base Cost Total including Project Specific Risk Contingency	€	41,067,004.25
	Add VAT at 13.5 %	€	5,544,045.57
	MCC Base Cost Total including Project Specific Risk Contingency and VAT	€	46,611,049.82

Mainline Length	30
MCC Cost per km based on Mainline Length Only	€ 1,553,701.66
Mainline plus Link Road Length	
MCC Cost per km based on Mainline plus Link Road Length	

Schedule of Works **Quantity** **Unit** **Rate/Prices**

A	**Site Clearance**						
A.1	General Site Clearance	15	Ha	€	2,559.00	€	38,385.00
A.2	Demolition of Buildings		Nr.				
	Site Clearance Total to Summary						
B	**Fencing**						
B.1	Permanent Boundary Fencing	45000	m	€	49.50	€	2,227,500.00
B.2	Benches	20	Nr.	€	2,000.00	€	40,000.00
B.3	Bollards	20	Nr.	€	1,500.00	€	30,000.00
B.4	Gates	140	Nr.	€	921.50	€	129,010.00
	Fencing Total to Summary					€	2,426,510.00
C	**Safety Barrier and Pedestrian Guardrails**						
C.1	Safety Barrier (Specify Type)		m				
C.2	Median Barrier (Specify Type e.g. Concrete or Wire)		m				
C.3	Pedestrian Guardrail	1000	m	€	240.50	€	240,500.00
	Safety Barrier and Pedestrian Guardrails Total to Summary					€	240,500.00
D	**Drainage and Service Ducts**						
D.1	Gullies	500	Nr.	€	410.94	€	205,467.50
D.2	150mm Pipe	30000	m	€	58.50	€	1,755,000.00
D.3	Chambers	333.3333	Nr.	€	1,130.23	€	376,741.67
D.4	Drainage Channel	5000	m	€	57.50	€	287,500.00
D.5	NF Drains	15000	m	€	32.77	€	491,550.00
D.6	Ducting 100m	90000	Item	€	37.50	€	3,375,000.00
D.7	Chambers	900	Nr.	€	819.00	€	737,100.00
	Drainage and Service Ducts Total to Summary					€	7,228,359.17
E	**Earthworks**						
Greenway							
E.1	Topsoil	16000	m3	€	7.43	€	118,880.00
E.2	Excavation Acceptable	45166.67	m3	€	8.73	€	394,079.17
E.3	Excavation of U1	47500	m3	€	16.12	€	765,462.50
E.4	E/O for Hard	45000	m3	€	31.56	€	1,419,975.00
E.5	Deposition Fill	45166.67	m3	€	7.50	€	338,750.00
E.6	Disposal	47500	m3	€	36.87	€	1,751,325.00
E.7	Imported Fill	11500	m3	€	30.32	€	348,622.50
E.8	Compaction	45166.67	m3	€	3.65	€	164,858.33
E.9	Geotextile	26666.67	m2	€	8.57	€	228,533.33
E.10	Soft	40000	m3	€	20.42	€	816,800.00
E.11	Filling Soft	40000	m3	€	32.76	€	1,310,400.00
E.12	Topsoiling	70000	m2	€	4.20	€	294,000.00
E.13	Completion of Formation	200000	m2	€	1.82	€	364,000.00
E.14	Completion of sub-Form	200000	m2	€	1.82	€	364,000.00
	Earthworks Sub-Total					€	8,679,685.83
F	**Pavement**						
Greenway							
F.1	Sub-Base	4500	m3	€	43.50	€	195,750.00
F.2	Pavement Base	30000	m2	€	33.00	€	990,000.00
F.3	Pavement Binder	30000	m2	€	33.00	€	990,000.00
F.4	Surface Course	30000	m2	€	13.88	€	416,250.00
F.5	Mliing	30000	m2	€	4.07	€	122,100.00
F.6	HFS at crossings	4200	m2	€	34.66	€	145,572.00
	Pavement Sub-Total					€	2,859,672.00
G	**Kerbs Footways and Paved Areas**						
G.1	Kerbs	21250	m	€	33.40	€	709,643.75
G.2	Timber Edging	30000	m	€	12.94	€	388,200.00
G.3	Concrete Edging	15000	m	€	25.15	€	377,250.00
G.4	Footways	90000	m2	€	29.60	€	2,664,000.00
	Allowance based on project scope and historical costs		sum			€	4,139,093.75
H	**Traffic Signs**						

	Allowance based on project scope and historical costs		sum			€ 117,988.00
J	**Roadmarkings**					
	Allowance based on project scope and historical costs		sum			€ 444,180.15
K	**Lighting and Electrical**					
	Allowance based on project scope and historical costs		sum			€ 455,850.25
L	**Landscaping and Environmental**					
	Allowance based on project scope and historical costs		sum			€ 940,320.11
M	**Structures** **(Including Tunnels to be seperately identified)**					
M.1	Culverts 1500 Dia	60	m	€	481.50	€ 28,890.00
M.2	Headwalls	12	Sum	€	2,334.00	€ 28,008.00
	Structure A Total					€ 56,898.00
N	**Accommodation Works**					
	Allowance based on project scope and historical costs		sum			€ 1,522,481.25
P	**Statutory Authorities & Utilities**					
	Allowance based on project scope and historical costs		sum			
Q	**Any Other Obligations and Liabilities of the Contractor**					
	Allowance based on project scope and historical costs		sum			€ 1,880,640.23
R	**Preliminaries**					
R.1	Temporary Works including Traffic Management (Specify)		sum			
R.2	All other Preliminary Items		sum			€ 4,231,440.51
	Preliminaries Total to Summary					

N.B. Figures are exclusive of VAT except where expressly stated above.

Figures above are EXCLUSIVE of provision for Inflation - base date to be stated if different from date of estimate.

Total base costs to include for ALL qualifying costs under each cost heading.

Refer to the TII Cost Management Manual for information on coverage and format of back-up.

See attached Estimate Assumptions Sheet for Further Project Information.