

North Northamptonshire Greenway - High-level Costing summary

StLnNwk_ID	Point A	Point B	Intermediate Point	Total Length (Km)	Total Cost
1	Market Harborough	Desborough		8.05	£1,321,197
2	Desborough	Rothwell		3.01	£703,924
3	Rothwell	Kettering		8.17	£411,716
4	Desborough	Corby		14.36	£1,188,479
5	Corby	Oundle	Tresham Garden Village	6.99	£912,717
6	Tresham Garden Village	King's Cliffe		10.15	£2,318,190
7	King's Cliffe	Elton		7.62	£1,218,879
7 & 18	Elton	Peterborough		0.00	£0
8	King's Cliffe	Stamford	Collyweston, Easton on the Hill	10.78	£2,261,542
9	Corby	Lyddington		10.45	£61,601
10	Corby	Kettering	Geddington	10.06	£1,701,540
11a	Corby	Thrapston	Brigstock	13.62	£2,965,019
11b	Corby	Thrapston	Geddington	12.46	£1,729,230
12	Kettering	Burton Latimer		17.47	£2,645,194
13	Burton Latimer	Raunds	Great Addington	7.80	£1,430,275
14	Thrapston	Raunds		9.22	£0
15	Oundle	Thrapston		12.78	£1,564,822
16	Tresham Garden Village	Oundle		14.00	£3,250,417
17	Oundle	Warmington		5.13	£579,450
18	Warmington	Peterborough	Eaglethorpe, Elton	1.50	£481,343
19	King's Cliffe	Warmington	Apethorpe	8.22	£1,170,146
20 & 21	Burton Latimer	Irthlingborough	Higham Ferrers	7.34	£1,385,459
22	Higham Ferrers	Rushden		1.71	£0
23a	Wellingborough	Rushden		3.04	£812,650
23b	Wellingborough	Rushden	Irchester & Existing Greenway	8.20	£1,289,015
24	Burton Latimer	Wellingborough		4.38	£1,117,654
25	Raunds	Higham Ferrers		5.30	£0
26 & 27	Wellingborough	Northampton	Earls Barton	12.04	£652,756
28	Wellingborough	Wollaston	Irchester	3.15	£705,361
29	Rushden	Wymington		2.03	£24,777
KT	Kettering	Thrapston		11.65	£2,547,086
FR	Market Harborough	Wansford		20.87	£1,586,198
KN	Kettering	Northampton		8.07	£798,891
				279.61	£38,835,525

North Northamptonshire Greenway - High-level Costing summary

Link typology	Infrastructure measures	Cost per km
Traffic free route - shared use, rural (new)	(150mm subbase, 60mm AC20 base course, 20mm AC10 surface course), timber edging, some allowance for small culverts, localised fencing. Excludes major earthworks, ecological mitigation, structures, major landscaping, major fencing, major drainage Wayfinding (rural)	£255,000
Traffic free route - separated provision, rural (new)	3m cycle track + 2m footway, based on 5m wide path with grassed area splitting provision Wayfinding (rural)	£405,000
Traffic free route - urban/suburban (new)	As above but with low level lighting Wayfinding (urban)	£340,000
Traffic free route - rural (improve existing)	Applied where an existing surfaced path exists (e.g. limestone, asphalt, etc) this rate includes excavation, disposal of existing path, with a new wider path provided. Wayfinding (rural)	£205,000
Traffic free route - minor improvements to existing	Remove barriers, minor improvements to surfacing	£50,000
Traffic free route - just wayfinding improvements	Wayfinding (rural)	£5,000
Quietway/rural lane	Quiet lanes (centre line removal, psychological traffic calming, speed limit changes, rural modal filtering) Wayfinding (rural)	£55,000
Traffic in Villages/ high street improvements	Gateway features, centre line removal, psychological traffic calming, speed limit changes, greening	£150,000
Shared use footway/cycleway alongside a road (widening and converting existing footway to shared use)	Footway widening (kerb+footway resurfacing) Wayfinding (rural)	£305,000
Shared use footway/cycleway alongside a road - minor improvements to existing	Decluttering, minor improvements to surfacing	£60,000
Protected infrastructure on main roads	Bi-directional/Uniflow protected track(s) - Based on applying cycle provision to road not suitable for cycling in mixed traffic conditions. Stepped tracks, footway level cycle tracks, includes local side street treatments, crossings (excludes major & signal junctions) Wayfinding (urban)	£1,115,000
Traffic free route along former railway line	Path + allowance for path and ecological mitigation, working with structures Wayfinding (rural)	£505,000

Suggested overheads to be applied

Preliminaries, TM, utilities, increased material costs

Contract MGMT, Site supervision

Contingency/Optimism Bias (on top of construction and prelims)

Design, project management

Route 1 - Market Harborough to Desborough

Detailed route typology	Out of NN	Within NN	Cost per km	Cost
	Length (km)	Length (km)		
Traffic-free route - urban (improve existing)	1.15	0.00	£205,000	£0
Traffic free route - minor improvements to existing	1.74	0.00	£50,000	£0
Traffic free route - rural (improve existing)		0.50	£205,000	£103,320
Quietway/rural lane		2.96	£55,000	£162,530
Traffic free route - shared use, rural (new)	0.20	3.50	£255,000	£892,297
Traffic in Villages		1.09	£150,000	£163,050
		8.05		£1,321,197
Point Interventions	Count	Count		
Parallel Crossing	1			£30,000
Total				£1,321,197

Route 2 - Desborough to Rothwell

Detailed route typology	Within NN		Cost
	Length (km)	Cost per km	
Traffic in Villages	0.60	£150,000	£89,304
Traffic free route - shared use, rural (new)	2.41	£255,000	£614,619
	3.01		£703,924
Point interventions			
Nil			
Total			£703,924

Route 3 - Rothwell to Kettering

Detailed route typology	Within NN		
	Length (km)	Cost per km	Cost
Traffic in Villages	0.83	£150,000	£124,662
Quietway/rural lane	3.21	£55,000	£176,471
Traffic free route - minor improvements to existing	2.21	£50,000	£110,582
Not fulfilled by NNG	1.92	£0	£0
	8.17		£411,716

Point interventions

Nil

Total	£411,716
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Route 4 - Desborough to Corby

Detailed route typology	Within NN		
	Length (km)	Cost per km	Cost
Traffic in Villages	0.63	£150,000	£94,267
Traffic free route - minor improvements to existing	0.69	£50,000	£34,312
Traffic free route - shared use, rural (new)	1.35	£255,000	£344,003
Quietway/rural lane	4.68	£55,000	£257,542
Traffic free route - rural (improve existing)	2.24	£205,000	£458,354
Not fulfilled by NNG	4.78	£0	£0
	14.36		£1,188,479

Point interventions

Nil

Total	£1,188,479
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Route 5 - Corby to Oundle

Detailed route typology	Within NN		
	Length (km)	Cost per km	Cost
Traffic free route - shared use, rural (new)	3.35	£255,000	£853,335
Quietway/rural lane	1.08	£55,000	£59,382
Not fulfilled by NNG	2.56	£0	£0
	6.99		£912,717

Point interventions

Nil

Total	£912,717
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Route 6 - Tresham Garden Village to King's Cliffe

Detailed route typology	Within NN		
	Length (km)	Cost per km	Cost
Traffic free route - shared use, rural (new)	7.57	£255,000	£1,930,491
Traffic free route - rural (improve existing)	1.17	£205,000	£240,288
Quietway/rural lane	1.41	£55,000	£77,410
	10.15		£2,248,190
Point interventions	Count		
Toucan crossing	1		£70,000
Total			£2,318,190

Route 7 - King's Cliffe to Elton

Detailed route typology	Out of NN	Within NN	Cost per km	Cost
	Length (km)	Length (km)		
Traffic free route - shared use, rural (new)	0.23	3.11	£255,000	£793,249
Quietway/rural lane		3.69	£55,000	£203,031
Traffic in Villages/ high street improvements		0.82	£150,000	£122,599
		7.62		£1,118,879
Point interventions	Count	Count		
Bridge over brook			1	£100,000
Total				£1,218,879

Route 7 & 18 - Elton to Peterborough

Detailed route typology	Out of NN	Within NN	Cost per km	Cost
	Length (km)	Length (km)		
Not fulfilled by NNG	8.17	0.00	£255,000	£0
Quietway/rural lane	4.52		£55,000	£0
Traffic free route - urban/suburban (new)	1.08	0.00	£340,000	£0
		0.00		£0
Point interventions				
Nil				
Total				£0

Route 8 - King's Cliffe to Stamford

Detailed route typology	Out of NN	Within NN	Cost per km	Cost
	Length (km)	Length (km)		
Traffic free route - shared use, rural (new)		2.27	£255,000	£579,785
Traffic free route - rural (improve existing)	2.47	4.44	£205,000	£911,025
Quietway/rural lane		1.86	£55,000	£102,217
Traffic in Villages/ high street improvements		0.93	£150,000	£139,644
Shared use footway/cycleway alongside a road (widening and converting existing footway to shared use)		1.27	£305,000	£388,871
		10.78		£2,121,542
Point interventions	Count	Count		
Toucan crossing		2		£140,000
Level crossing upgrade		1		(Not costed)
				£140,000
Total				£2,261,542

Route 9 - Corby to Lyddington

Detailed route typology	Out of NN	Within NN	Cost per km	Cost
	Length (km)	Length (km)		
Quietway/rural lane	2.06	1.12	£55,000	£61,601
Traffic in Villages/ high street improvements	0.45		£150,000	£0
Not fulfilled by NNG		9.33	£0	£0
		10.45		£61,601
Point interventions				
Nil				
Total				£61,601

Route 10 - Corby to Kettering via Geddington

Detailed route typology	Within NN		Cost
	Length (km)	Cost per km	
Traffic free route - shared use, rural (new)	4.00	£255,000	£1,020,174
Traffic free route - rural (improve existing)	1.91	£205,000	£392,550
Quietway/rural lane	1.55	£55,000	£85,294
Traffic in Villages/ high street improvements	0.56	£150,000	£83,522
Not fulfilled by NNG	2.03	£0	£0
	10.06		£1,581,540
Point interventions			
	Count		
Upgrade to Toucan with shared use transition on both side roads	1		£120,000
Total			£1,701,540

Route 11a - Corby to Thrapston via Brigstock

Detailed route typology	Within NN		Cost
	Length (km)	Cost per km	
Traffic free route - shared use, rural (new)	9.57	£255,000	£2,439,445
Quietway/rural lane	3.35	£55,000	£183,996
Shared use footway/cycleway alongside a road (widening and converting existing footway to shared use)	0.71	£305,000	£216,578
	13.62		£2,840,019
Point interventions	Count		
Ramp access	1		£25,000
Bridge over brook	1		£100,000
			£125,000
Total			£2,965,019

Route 11b - Corby to Thrapston via Geddington

Detailed route typology	Within NN		
	Length (km)	Cost per km	Cost
Traffic free route - shared use, rural (new)	5.22	£255,000	£1,331,030
Quietway/rural lane	7.24	£55,000	£398,200
	12.46		£1,729,230
Point interventions			
Nil			
Total			£1,729,230

Route 12 - Kettering to Burton Latimer

Detailed route typology	Within NN		Cost
	Length (km)	Cost per km	
Traffic free route - shared use, rural (new)	9.59	£255,000	£2,445,669
Not fulfilled by NNG	6.75	£0	£0
Traffic in Villages/ high street improvements	1.13	£150,000	£169,525
	17.47		£2,615,194
Point interventions	Count		
Parallel crossing	1		£30,000
Total			£2,645,194

Route 13 - Burton Latimer to Raunds via Great Addington

Detailed route typology	Within NN		Cost
	Length (km)	Cost per km	
Traffic free route - shared use, rural (new)	4.48	£255,000	£1,141,482
Traffic in Villages/ high street improvements	0.04	£150,000	£6,106
Quietway/rural lane	3.16	£55,000	£173,669
Shared use footway/cycleway alongside a road (widening and converting existing footway to shared use)	0.13	£305,000	£39,017
	7.80		£1,360,275
Point interventions	Count		
Toucan crossing	1		£70,000
Total			£1,430,275

Route 14 - Thrapston to Raunds

Detailed route typology	Within NN Length (km)	Cost per km	Cost
Not fulfilled by NNG	9.22	£0	£0
Point interventions			
Nil			£0
Total			£0

Route 15 - Oundle to Thrapston

Detailed route typology	Within NN		
	Length (km)	Cost per km	Cost
Quietway/rural lane	7.04	£55,000	£387,120
Traffic free route - rural (improve existing)	3.97	£205,000	£812,925
Traffic free route - shared use, rural (new)	0.94	£255,000	£239,307
Traffic in Villages/ high street improvements	0.84	£150,000	£125,471
	12.78		£1,564,822
Point interventions			
Nil			
Total			£1,564,822

Route 16 - Tresham Garden Village to Oundle

Detailed route typology	Within NN		Cost
	Length (km)	Cost per km	
Quietway/rural lane	2.04	£55,000	£112,320
Traffic free route - shared use, rural (new)	11.58	£255,000	£2,953,138
Shared use footway/cycleway alongside a road (widening and converting existing footway to shared use)	0.38	£305,000	£114,959
	14.00		£3,180,417
Point interventions	Count		
Toucan crossing	1		£70,000
Total			£3,250,417

Route 17 - Oundle to Warmington

Detailed route typology	Within NN		Cost
	Length (km)	Cost per km	
Quietway/rural lane	4.34	£55,000	£238,865
Traffic free route - shared use, rural (new)	0.79	£255,000	£200,585
	5.13		£439,450
Point interventions	Count		
Toucan crossing	2		£140,000
Total			£579,450

Route 18 - Warmington to Peterborough via Eaglethorpe, Elton

Detailed route typology	Out of NN	Within NN	Cost per km	Cost
	Length (km)	Length (km)		
Traffic free route - shared use, rural (new)	1.16	1.50	£255,000	£381,343
		1.50		£381,343
Point interventions	Count	Count		
Bridge over brook			1	£100,000
Total				£481,343

Route 19 - King's Cliffe to Warmington via Apethorpe

Detailed route typology	Within NN		
	Length (km)	Cost per km	Cost
Traffic free route - shared use, rural (new)	3.59	£255,000	£915,458
Quietway/rural lane	4.63	£55,000	£254,688
	8.22		£1,170,146

Point interventions

Nil

Total			£1,170,146
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Route 20 & 21 - Burton Latimer to Irthlingborough via Higham Ferrers

Detailed route typology	Within NN		
	Length (km)	Cost per km	Cost
Traffic free route - shared use, rural (new)	4.07	£255,000	£1,037,330
Quietway/rural lane	2.82	£55,000	£155,324
Traffic free route - rural (improve existing)	0.45	£205,000	£92,804
	7.34		£1,285,459
Point interventions			
	Count		
Priority Junction, Side Street Treatments and a new crossing	1		£100,000
Total			£1,385,459

Route 22 - Higham Ferrers to Rushden

Detailed route typology	Within NN Length (km)	Cost per km	Cost
Not fulfilled by NNG	1.71	£0	£0
Point interventions			
Nil			£0
Total			£0

Route 23a - Wellingborough to Rushden

Detailed route typology	Within NN		Cost
	Length (km)	Cost per km	
Shared use footway/cycleway alongside a road (widening and converting existing footway to shared use)	0	£305,000	£0
Quietway/rural lane	0	£55,000	£0
Not fulfilled by NNG	0.83	£0	£0
Traffic free route - shared use, rural (new)	2.21	£255,000	£562,650
	3.04		£562,650
Point interventions			
Signalised Junction Improvements	1		£250,000
Total			£812,650

Within Stanton Cross SUE	
Length (km)	Stanton Cross SUE costs
1.14	£348,135.54
0.43	£23,575.53
1.11	£283,812.96
	£655,524

Route 23b - Wellingborough to Rushden via Irchester & Existing Greenway

Detailed route typology	Within NN		Cost
	Length (km)	Cost per km	
Not fulfilled by NNG	2.58	£0	£0
Shared use footway/cycleway alongside a road (widening and converting existing footway to shared use)	2.02	£305,000	£614,816
Quietway/rural lane	0.68	£55,000	£37,469
Traffic free route - minor improvements to existing	1.22	£50,000	£61,210
Traffic in Villages/ high street improvements	1.70	£150,000	£255,519
	8.20		£969,015
Point interventions	Count		
Signalised Junction Improvements	1		£250,000
Toucan crossing standard	1		£70,000
			£320,000
Total			£1,289,015

Route 24 - Burton Latimer to Wellingborough

	Within NN		
Detailed route typology	Length (km)	Cost per km	Cost
Traffic free route - shared use, rural (new)	4.38	£255,000	£1,117,654
Shared use footway/cycleway alongside a road - minor improvements to existing	0.00	£60,000	£0
	4.38		£1,117,654

Point interventions

Toucan crossing
 Bridge over river

Within Stanton Cross SUE	
Length (km)	Stanton Cross SUE costs
3.28	£837,228.24
0.11	£6,731.94
	£843,960.18
Count	
1	£70,000
1	£500,000
	£570,000

Total	£1,117,654
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Route 25 - Raunds to Higham Ferrers

Detailed route typology	Within NN Length (km)	Cost per km	Cost
Not fulfilled by NNG	5.30	£0	£0
Point interventions			
Nil			£0
Total			£0

Route 26 & 27 - Wellingborough to Northampton via Earls Barton

Detailed route typology	Out of NN Length (km)	Within NN Length (km)	Cost per km	Cost
Shared use footway/cycleway alongside a road (widening and converting existing footway to shared use)		1.53	£305,000	£466,317
Not fulfilled by NNG	1.09	9.63	£0	£0
Traffic free route - minor improvements to existing		0.44	£50,000	£22,104
Quietway/rural lane		0.44	£55,000	£24,335
Protected infrastructure on main roads	6.82	0	£1,115,000	£0
		12.04		£512,756
Point interventions	Count	Count		
Toucan crossing standard			2	£140,000
Total				£652,756

Route 28 - Wellingborough to Wollaston via Irchester

Detailed route typology	Within NN		
	Length (km)	Cost per km	Cost
Quietway/rural lane	0.23	£55,000	£12,847
Traffic free route - shared use, rural (new)	2.43	£255,000	£620,860
Traffic in Villages/ high street improvements	0.48	£150,000	£71,654
	3.15		£705,361

Point Interventions

Nil

Total	£705,361
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Route 29 - Rushden to Wymington

Detailed route typology	Out of NN	Within NN	Cost per km	Cost
	Length (km)	Length (km)		
Not fulfilled by NNG		1.58	£0	£0
Quietway/rural lane	1.13	0.45	£55,000	£24,777
		2.03		£24,777
Point Interventions				
Nil				
Total				£24,777

Route FR - Market Harborough to Wansford

Detailed route typology	Out of NN	Within NN	Cost per km	Cost
	Length (km)	Length (km)		
Quietway/rural lane	20.59	17.89	£55,000	£983,970
Shared use footway/cycleway alongside a road (widening and converting existing footway to shared use)	0.69	0.02	£305,000	£7,527
Traffic free route - minor improvements to existing	1.54	0.07	£50,000	£3,561
Traffic free route - rural (improve existing)		2.88	£205,000	£591,140
Traffic free route - shared use, rural (new)	0.94		£255,000	£0
Traffic in Villages/ high street improvements	1.73		£150,000	£0
		20.87		£1,586,198
Point Interventions	Count	Count		
Toucan crossing	1			£0
Total				£1,586,198

Route KT - Kettering to Thrapston

Detailed route typology	Within NN		Cost
	Length (km)	Cost per km	
Quietway/rural lane	4.71	£55,000	£258,897
Traffic free route - shared use, rural (new)	3.32	£255,000	£845,889
Protected infrastructure on main roads	0.72	£1,115,000	£806,621
Traffic in Villages/ high street improvements	0.52	£150,000	£77,274
Traffic free route - rural (improve existing)	2.38	£205,000	£488,404
	11.65		£2,477,086
Point Interventions	Count		
Toucan crossing	1		£70,000
Total			£2,547,086

North Northamptonshire Greenway - High-level Costing by routes

Route KN - Kettering to Northampton

Detailed route typology	Out of NN Length (km)	Within NN Length (km)	Cost per km	Cost
Quietway/rural lane	7.97	0.00	£55,000	£0
Shared use footway/cycleway alongside a road (widening and converting existing footway to shared use)	0.14	2.00	£305,000	£608,608
Traffic in Villages/ high street improvements	1.79	0.80	£150,000	£120,282
Not fulfilled by NNG		5.28	£0	£0
Protected infrastructure on main roads	1.50		£1,115,000	£0
		8.07		£728,891
Point Interventions	Count	Count		
Toucan crossing			1	£70,000
Total				£798,891