

Costing Summary

	Total	Link costs	Point costs
Sherwood Area	£ 10,275,053	£ 8,665,053	£ 1,610,000
Newark Area	£ 20,593,883	£ 11,938,883	£ 10,150,000
Inter-urban route	£ 2,909,609	£ 2,774,609	£ 135,000
Newark, Sherwood Area + Inter-urban total	£ 35,278,545	£ 23,378,545	£ 11,900,000

Note: All design interventions and therefore costs are provided at a very high level. Works have not been done to identify delivery issues such as the movement of utilities, etc. These therefore do not form part of the costing estimates. Overheads such as preliminaries, contract, contingency, optimism, design and project management are also not included. Costs are itemised at a high level as per the LCWIP guidance and previous PJA project experiences.

Links – Newark

Route section	Type	Length(Km)	Cost
Mill Gate	Cycling in mixed traffic - high street/high road	0.62	£ 618,092
Farndon Road	Protected Cycling Infrastructure	1.20	£ 1,314,503
Fosse Road	Protected Cycling Infrastructure	0.35	£ 385,221
Long Lane/Marsh Lane	Cycling on carriageway mixed with traffic	1.33	£ 66,300
Windsor Road/Carlton Road	Cycling on carriageway mixed with traffic	1.57	£ 78,398
Balderton Gate	Cycling on carriageway mixed with traffic	0.63	£ 31,506
London Road	Protected Cycling Infrastructure	2.72	£ 2,986,562
B6326	Footway to shared-use path & widening	1.01	£ 301,587
Beacon Hill Road/Bede House Lane	Cycling on carriageway mixed with traffic	0.64	£ 32,051
Beacon Hill Road	Protected Cycling Infrastructure	1.95	£ 2,144,674
Lincoln Road Bridge	Protected Cycling Infrastructure	0.28	£ 307,795
Lincoln Road (narrow section)	Footway to shared-use path & widening	0.41	£ 124,387
Lincoln Road (north)	Protected Cycling Infrastructure	0.86	£ 948,318
Canalside Link	Shared use Traffic-free section	0.61	£ 156,554
Northern Road/Brunel Drive	Protected Cycling Infrastructure	0.89	£ 979,709
Brunel Drive cut-through	Traffic free minor improvements	0.16	£ 8,044
Farndon Roundabout to new development area	Protected Cycling Infrastructure	0.74	£ 809,033
Route through Middlebeck SUE	Way-finding (urban)	2.62	£ 39,290
Bantycok Quarry Link	Shared use Traffic-free section	1.13	£ 288,656
Brunel Drive/Jessop Way	Cycling on carriageway mixed with traffic	0.59	£ 29,518
Northgate to Lincoln Road Bridge	Cycling on carriageway mixed with traffic	0.27	£ 13,725
Jessop Close cut-through	Traffic free minor improvements	0.17	£ 8,409
Lacey Green	Cycling on carriageway mixed with traffic	0.33	£ 16,359
Lacey Green to Fernwood	Shared use Traffic-free section	0.50	£ 128,025
Cross Lane	Cycling on carriageway mixed with traffic	0.39	£ 19,510
B6326 to Fernwood Village Centre	Traffic free minor improvements	0.30	£ 15,226
B6326 Fernwood Woodland South	Footway to shared-use path & widening	0.12	£ 34,977
Goldstraw Lane	Cycling on carriageway mixed with traffic	0.22	£ 11,009
Cafferata Way	Cycling on carriageway mixed with traffic	0.23	£ 11,348
Bowbridge Road to WYMCA/cemetery	Cycling on carriageway mixed with traffic	0.19	£ 9,691
Cut through by WYMCA/cemetery to NCN62	Traffic free minor improvements	0.41	£ 20,407

Type of provision	Sum of Length(Km)	Sum of Cost
Cycling in mixed traffic - high street/high road	0.62	£618,092
Cycling on carriageway mixed with traffic	6.39	£319,414
Footway to shared-use path & widening	1.54	£460,950
Protected Cycling Infrastructure	8.98	£9,875,816
Shared use Traffic-free section	2.25	£573,235
Traffic free minor improvements	1.04	£52,085
Way-finding (urban)	2.62	£39,290
Grand Total	23.43	£11,938,883

Links – Sherwood Area

RouteID	Type	Length(Km)	Cost
Sherwood Drive to Boughton Industrial Estate	Protected Cycling Infrastructure	2.19	£ 2,404,821
Sherwood Drive	Cycling in mixed traffic - high street/high road	0.19	£ 192,113
Middlefield to Energy Village	Traffic free minor improvements	0.77	£ 38,492
Rufford Lane/Bescar Lane	Rural Quiet Lane	2.95	£ 147,539
Old Rufford Road	Protected Cycling Infrastructure	1.22	£ 1,338,282
Rufford to Lidgett	Footway to shared-use path & widening	1.32	£ 396,344
High Street south	Cycling in mixed traffic - high street/high road	0.93	£ 931,542
Church Street/High Street	Cycling in mixed traffic - high street/high road	0.51	£ 513,860
Main Road	Residential Street (walking route)	0.81	£ 73,297
Whinney Lane	Residential Street (walking route)	0.95	£ 85,441
Lime Tree Road	Residential Street (walking route)	0.51	£ 45,975
Walesby Lane	Cycling on carriageway mixed with traffic	1.57	£ 78,565
Ollerton to Edwinstowe southern	Shared use Traffic-free section	2.41	£ 614,880
Station Road	Cycling on carriageway mixed with traffic	0.49	£ 24,683
Maida Lane	Shared use Traffic-free section	0.70	£ 177,803
Ollerton Road/Forest Road	Protected Cycling Infrastructure	0.25	£ 279,981
Thoresby Vale to Ollerton Roundabout	Shared use Traffic-free section	1.35	£ 343,236
Link through Thoresby Vale	Way-finding (urban)	0.88	£ 13,253
Forest Corner to Thoresby Vale	Shared use Traffic-free section	0.49	£ 125,521
Forest Corner to High St via church	Residential Street (walking route)	0.59	£ 53,511
Sixth Avenue	Cycling on carriageway mixed with traffic	0.80	£ 40,199
Edwinstowe to Archway Road	Shared use Traffic-free section	1.38	£ 351,694
Archway Road	Rural Quiet Lane	0.81	£ 40,688
Newark Road	Contraflow cycle lane	0.25	£ 12,429
Fourth Avenue	Residential Street (walking route)	0.59	£ 52,895
Kings Clipstone to Vicar Water	Traffic free minor improvements	3.52	£ 175,795
Main Street/Wellow Road	Cycling on carriageway mixed with traffic	0.54	£ 27,132
West Lane	Cycling on carriageway mixed with traffic	0.37	£ 18,473
Rufford Road from station road to crossing	Footway to shared-use path & widening	0.15	£ 44,400
Route through Energy Village	Traffic free minor improvements	0.44	£ 22,210

Type of provision	Sum of Length(Km)	Sum of Cost
Contraflow cycle lane	0.25	£12,429
Cycling in mixed traffic - high street/high road	1.64	£1,637,514
Cycling on carriageway mixed with traffic	3.78	£189,052
Footway to shared-use path & widening	1.47	£440,744
Protected Cycling Infrastructure	3.66	£4,023,084
Residential Street (walking route)	3.46	£311,119
Rural Quiet Lane	3.76	£188,226
Shared use Traffic-free section	6.33	£1,613,135
Traffic free minor improvements	4.73	£236,497
Way-finding (urban)	0.88	£13,253
Grand Total	29.95	£8,665,053

Links – Inter urban routes

RouteID	Type	Length(Km)	Cost
Farndon to Fiskerton Road	Shared use Traffic-free section	2.41	£ 614,804
Rolleston	Cycling on carriageway mixed with traffic	1.43	£ 71,259
Racecourse Road	Racecourse Road	3.02	£ 57,313
Southwell Trail south of Station Road	Shared use Traffic-free section	0.66	£ 167,789
Bilsthorpe to Center Parcs	Shared use Traffic-free section	3.44	£ 878,255
Bilsthorpe	Cycling on carriageway mixed with traffic	2.01	£ 100,427
Bilsthorpe to Kings Clipstone off-road	Traffic free minor improvements	7.55	£ 377,521
Southwell Trail to Bilsthorpe	Traffic free minor improvements	10.14	£ 507,243

Row Labels	Sum of Length(Km)	Sum of Cost
Cycling on carriageway mixed with traffic	3.43	£171,685
Shared use Traffic-free section	6.51	£1,660,847
Traffic free minor improvements	17.70	£884,764
Racecourse Road	3.02	£57,313
Grand Total	30.66	£2,774,609

Point interventions – Newark

Intervention ID	Intervention description	Intervention	Unit	Rate	No. of Units	Total Cost	Caveat
N1	Bridge crossing over the River Trent. One option is for a crossing at the site of the former Farndon Ferry, to the north of the Riverside Pub. The alternative is a bridge from Walter's Close to Staythorpe Power Station	Architectural Overbridge (inc. ramps)		£ 2,500,000	1	£ 2,500,000	
N2	A bridge over the A1 at the approximate location of the existing public right of way	Architectural Overbridge (inc. ramps)		£ 2,500,000	1	£ 2,500,000	
N3	Junction improvements to provide provision for people cycling in a north-south direction	Signalised Junction Improvements		£ 250,000	1	£ 250,000	
N4	Provide controlled crossings to improve pedestrian provision over the roundabouts adjacent to Fernwood Woodland north and south	Parallel crossing		£ 30,000	2	£ 60,000	
N5	Provide an access into the proposed nature reserve to the south of Cross Lane	Gateway feature		£ 10,000	1	£ 10,000	Costed for gateway feature - access routes costed in links
N6	Provide a parallel controlled crossing (e.g. sparrow or toucan) to better cater for cycle movements onto Balderton Gate from London Road	Parallel crossing		£ 30,000	1	£ 30,000	
N7	Improve the safety of the roundabout for people walking and cycling	Priority Junction/ Side Street Treatments/+ new crossing		£ 100,000	1	£ 100,000	
N8	Address speeding issues through traffic calming and/or volume reduction measures on Boundary Road	Traffic Calming		£ 5,000	4	£ 20,000	
N9	Provide a parallel crossing to provide for cycle movements from the contraflow on Mill Gate to the cycle track on Farndon Road	Parallel crossing		£ 30,000	1	£ 30,000	
N10	Modify the junction to provide an easier entry/exit onto Lombard Street/Castle Gate from Mill Gate	Priority Junction/ Side Street Treatments/+ new crossing		£ 100,000	1	£ 100,000	
N11	Improve the junction to provide provision for people cycling across the junction in an east-west direction along Beacon Hill Road	Signalised Junction Improvements		£ 250,000	1	£ 250,000	
N12	Provide a bridge over the East Coast main line between Northern Road and Newark Northgate Station	Arterial Rd Overbridge (small inc. ramps)		£ 2,500,000	1	£ 2,500,000	
N13	Improve the gateway into Newark Northgate Station for people walking and cycling (e.g. footway widening/surface improvements on Appleton Gate, traffic calming, public realm enhancements)	Public realm improvements/traffic calming		£ 160,000	1	£ 160,000	Costed for 2x side street treatment, raised table with block paving, up to 50sqm Suds, 2x gateway feature
N14	Provide a ramped access from Lincoln Street to Lincoln Road Bridge	Ramp access for path (earth) + Transition Treatment		£ 35,000	1	£ 35,000	Costed as ramp access for path and transition treatment
N15	Improve the junction of Lincoln Road/Northern Road to cater for cycle movements in all directions	Major junction upgrade inc. full signal upgrades + geometry redesign		£ 1,000,000	1	£ 1,000,000	
N16	Provide a parallel controlled crossing from Balderton Gate to London Road	Toucan crossing standard		£ 70,000	1	£ 70,000	
N17	Provide a controlled pedestrian crossing over Great North Road to improve access to Newark Castle station and Riverside Park	Parallel crossing		£ 30,000	1	£ 30,000	
N18	Provide a controlled pedestrian crossing over Victoria Street at the location of the existing refuge island	Parallel crossing		£ 30,000	1	£ 30,000	
N19	Provide a parallel controlled crossing over Sherwood Avenue/Friary Road to cater for movement between Bede House Lane and Beacon Hill Road	Parallel crossing with raised table + footway works		£ 40,000	1	£ 40,000	
N20	Provide controlled pedestrian and cycle crossings over the A46 and Fosse Road arms of the Farndon Roundabout	Toucan crossing standard		£ 70,000	3	£ 210,000	3x toucans (dual carriageway and single carriageway)
N21	Provide a transition from the bi-directional cycleway on Fosse Road to on-carriageway cycling on Long Lane (e.g. a raised table/entry treatment)	Parallel crossing with raised table + footway works		£ 40,000	1	£ 40,000	Costed as a parallel crossing with raised table
N22	Upgrade the existing Toucan Crossing to better cater for cycle movements from the southbound with-flow cycle track to the shared use path on the other side of the street (e.g. a sparrow crossing). Provide a transition from the shared use path to the northbound with flow protected/stepped track	Toucan crossing standard		£ 80,000	1	£ 80,000	Costed for Toucan and transition treatment
N23	Provide a controlled cycle crossing or transition treatment between Beacon Hill Road and Sleaford Road (depending on the layout of protected cycle infrastructure on Beacon Hill Road heading eastwards)	Parallel crossing with raised table + footway works		£ 40,000	1	£ 40,000	Assuming parallel crossing over western section of Beacon Hill Road feeding into bidirectional track on south side of the eastern section of Beacon Hill Road
N24	Provide a parallel controlled crossing over London road to provide access into Lacey Green for people walking and cycling	Toucan crossing standard		£ 70,000	1	£ 70,000	

Total in Newark: £10,150,000

Point interventions – Sherwood Area

Intervention ID	Intervention description	Intervention	Unit	Rate	No. of Units	Total Cost	Caveat
1	Upgrade Ollerton roundabout to provide controlled crossings over the Old Rufford Road and Mansfield Road arms to cater for movement between Ollerton and Sherwood Heath/Edwinstowe	Toucan crossing standard		£ 70,000	2	£ 140,000	
2	Redesign the junction to provide side road priority or controlled crossings over the side roads for pedestrians. Consider a controlled crossing over Tuxford Road for pedestrians	Priority Junction/ Side Street Treatments/+ new crossing		£ 100,000	1	£ 100,000	
3	Redesign the junction to provide side road priority or controlled crossings over the side roads for pedestrians. Provide a parallel controlled crossing (e.g. Toucan or Sparrow) over Tuxford Road to allow for a transition between with flow stepped/protected cycle tracks (on the western section of Tuxford Road) to a bi-directional cycle track on the north side (on the eastern section heading towards Boughton)	Signalised Junction Improvements		£ 250,000	1	£ 250,000	
4	Provide a controlled crossing over Old Rufford Road to allow people cycling to transition onto the farm track	Toucan crossing standard		£ 70,000	1	£ 70,000	
5	Install a modal filter on Bescar Lane	Modal filter		£ 25,000	2	£ 50,000	Costed for one at either end
6	Expand the existing footbridge or provide a new bridge to allow cycles to cross the Rufford Ford	small bridge (brook)		£ 100,000	1	£ 100,000	
7	Provide a parallel controlled crossing over Old Rufford Road along the existing public footpath that leads into Center Parcs	Toucan crossing standard		£ 70,000	1	£ 70,000	
8	Provide a parallel controlled crossing over Ollerton Road to provide a link towards Main Street in Ollerton Village	Toucan crossing standard		£ 70,000	1	£ 70,000	
9	Provide a parallel controlled crossing over Back Lane/Wellow Road to provide a link between Middlefield and Wellow Road/Bescar Lane	Parallel crossing + Transition Treatment		£ 40,000	1	£ 40,000	
10	Improve the existing controlled crossing to better cater for people cycling to/from the B6034 towards Edwinstowe	Toucan crossing standard		£ 70,000	1	£ 70,000	Costed as a Toucan
11	Upgrade the junction to provide a pedestrian/cycle phase to cater for movements along the B6034 Rufford Road	Signalised Junction Improvements		£ 250,000	1	£ 250,000	
12	Provide a parallel controlled crossing to provide transition between the shared use path and on-carriageway cycling	Toucan crossing standard		£ 70,000	1	£ 70,000	
13	Provide a controlled crossing/transition treatment to cater for cycle movements coming out of the greenway onto the B034 Rufford Road	Parallel crossing + Transition Treatment		£ 40,000	1	£ 40,000	
14	Upgrade the junction to cater for cycle movements between Sherwood Drive and Forest Road	Signalised Junction Improvements		£ 250,000	1	£ 250,000	
15	Provide a controlled pedestrian crossing between East Lane and the end of the High Street. Consider building out the footway on the east side of the street (with continuous footways over the entrance to the vehicle repair shop).	Parallel crossing with raised table + footway works		£ 40,000	1	£ 40,000	

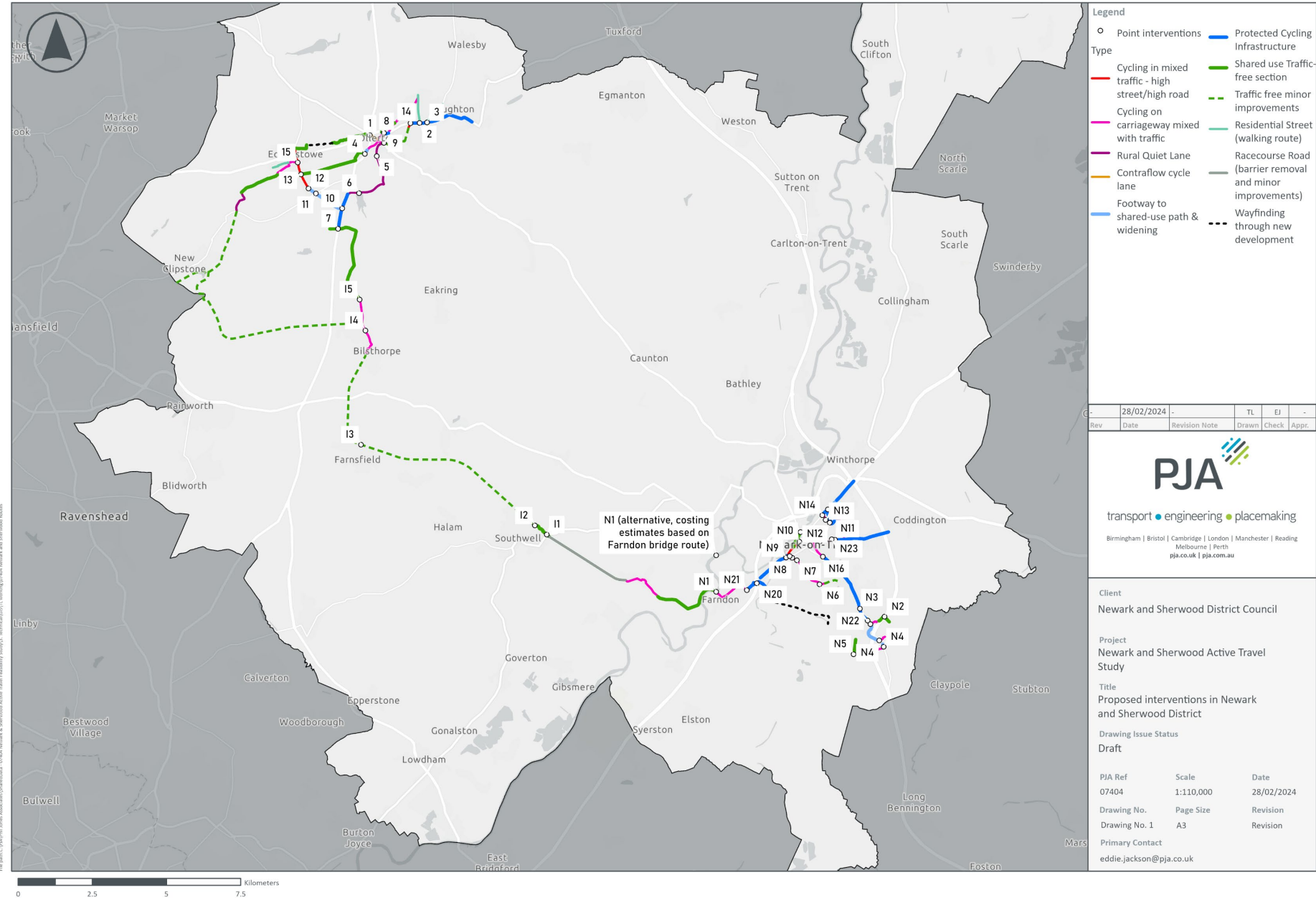
Total in Sherwood Area: £1,610,000

Point interventions – Inter urban routes

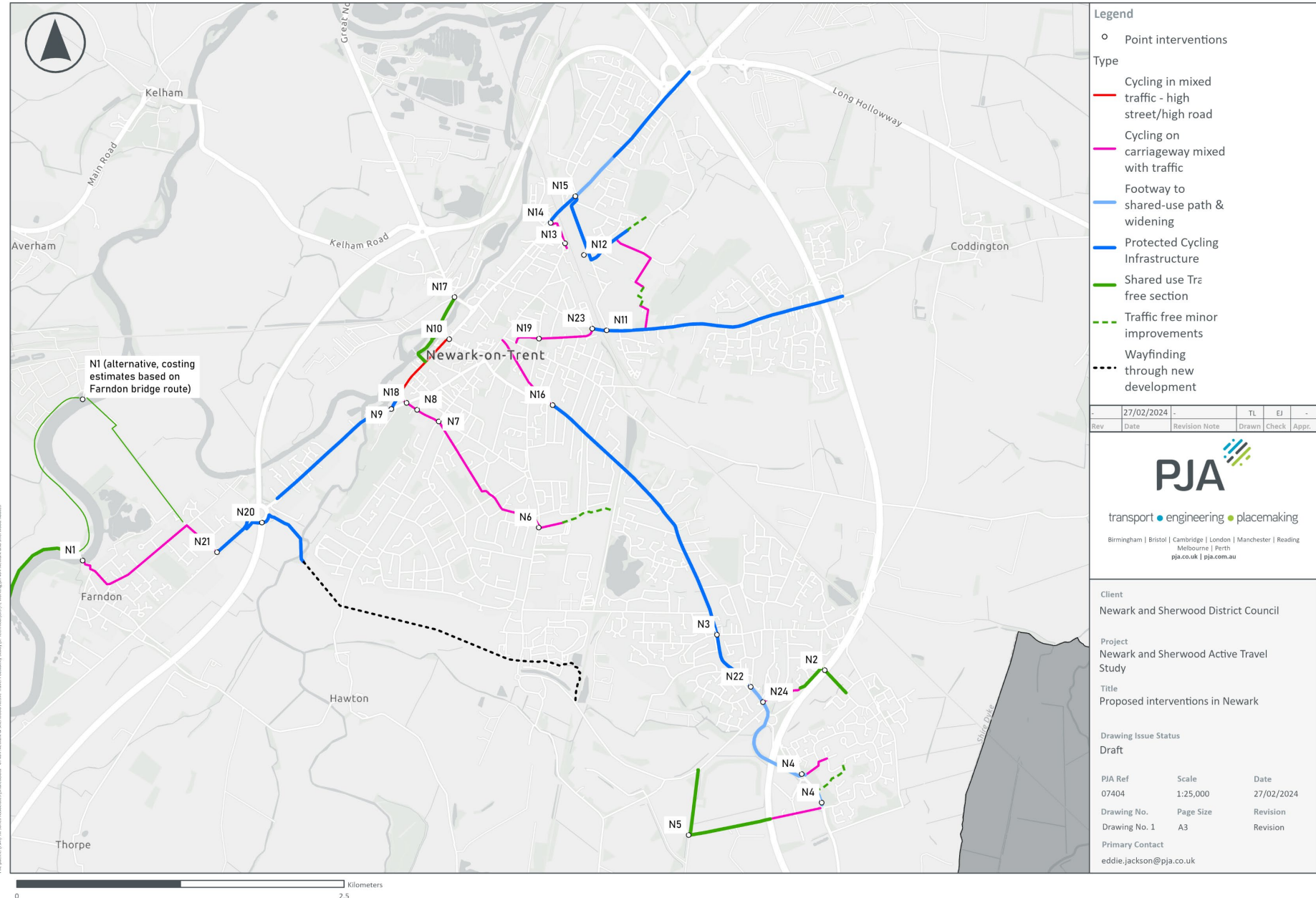
Intervention ID	Intervention description	Intervention	Unit	Rate	No. of Units	Total Cost	Caveat
I1	Provide a controlled crossing over Upton Road to connect the path from Racecourse Road to the Southwell Trail	Parallel crossing + Transition Treatment	£	40,000	1	£ 40,000	Costed for transition treatment and parallel crossing
I2	Provide a parallel crossing over Station Road to link the two sections of the Southwell Trail	Parallel crossing	£	30,000	1	£ 30,000	
I3	Provide a smoother transition over Broomfield Lane where it crosses the Southwell Trail in Farnsfield	Transition treatment between on and off road sections	£	10,000	1	£ 10,000	
I4	Tighten the junction of Eakring Road and Mickledale Lane	Junction Tightening + Basic Footway Improvements	£	25,000	1	£ 25,000	
I5	Provide a controlled crossing over Deerdale Lane to link Eakring Road to the path to the north	Parallel crossing	£	30,000	1	£ 30,000	

Total for inter urban routes: £135,000

Proposed interventions (District-wide)



Proposed interventions (Newark)



Proposed interventions (Sherwood Area)

