

## APPENDIX C

### Ryde Cycling Routes

# Local cycling and walking infrastructure plan

Isle of Wight (Newport and Ryde)  
2020-2030



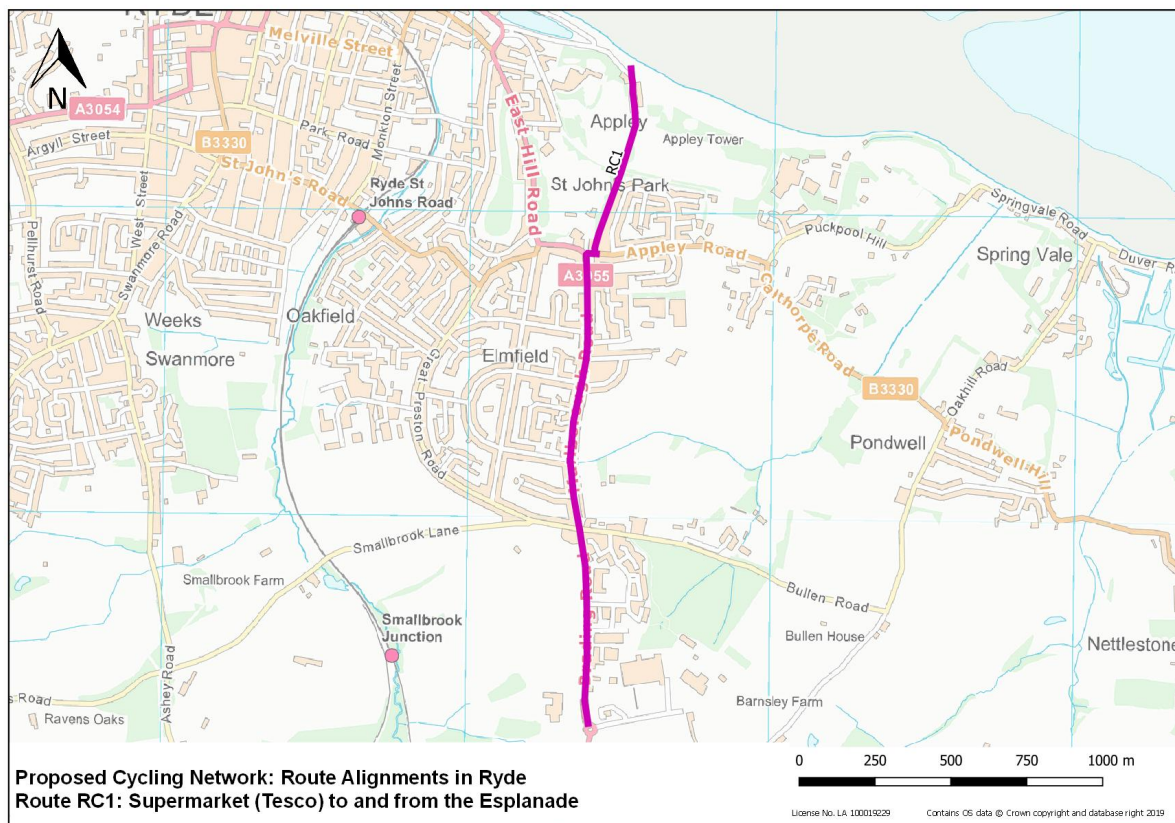
# Ryde Cycling Network: Route Proposals

## RC1: Tesco to Esplanade

### Route Description

This route links Ryde Esplanade with large areas of housing at Elmfield and Bullen Village, Westridge Business Park and Tesco. It also provides connectivity to the proposed Pennyfeathers and Hope Road housing developments. The route requires a new two-way cycle track along Brading Road, and a shared use route alongside Marlborough Road where available width is restricted. Junction remodelling is required at Bullen Cross and the Appley Road mini-roundabout. From Appley Road the route would use the existing traffic-free link to the Esplanade, upgraded as required. The route then joins RC3 for onward connection to Ryde Transport interchange (trains/ferries/buses) and town centre.

### Route Map





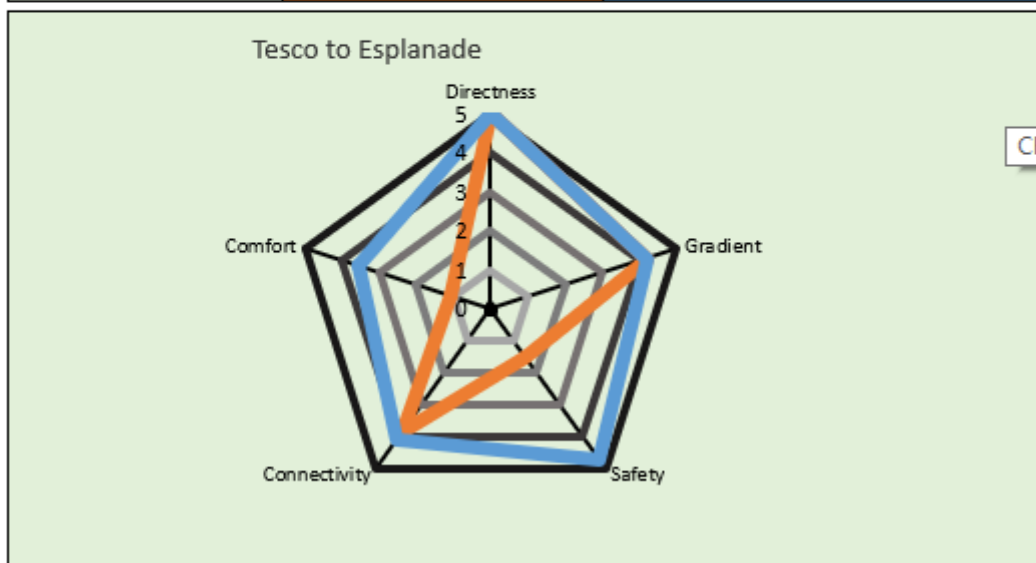
Marlborough Road, looking north



Brading Road, looking north

### Route Selection Tool Assessment

Criterion	Performance Scores	
	Existing	Potential
Directness	5.00	5.00
Gradient	4.18	4.18
Safety	1.52	4.73
Connectivity	3.84	4.11
Comfort	1.09	3.57



### Infrastructure Improvements

	Type	Description	Location	Indicative cost	Deliverability
1	New cycle track	640m 3m wide 2 way cycle track along west side of Brading Rd.	Tesco to Bullen Cross	£192,000	1
2	Junction improvement	Remodelling of junction to give priority to people cycling and walking	Bullen Cross	£200,000	1
3	New shared-use track	900m 2.5-3 wide shared-use cycle track along west side of Marlborough Rd.	Bullen Cross to Appley Rd	£540,000	3

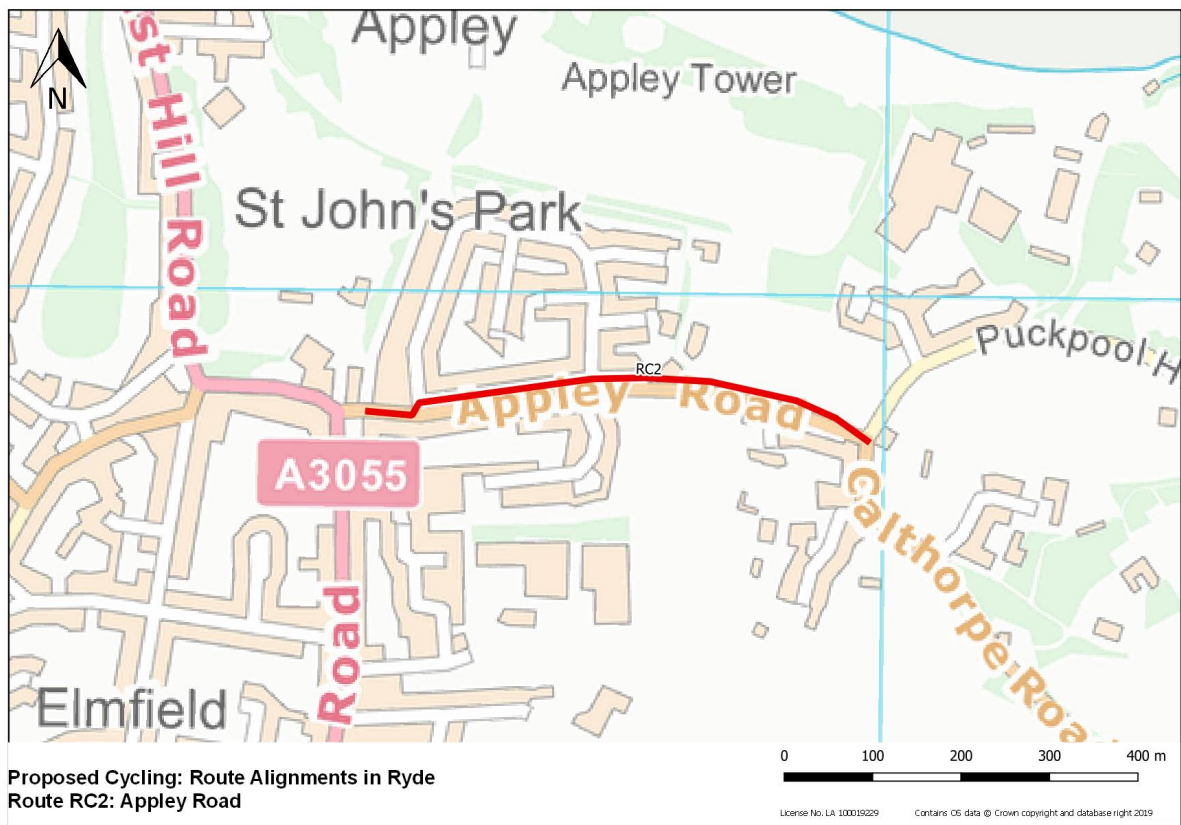
4	Junction improvement	Remodelling of junction to give priority to people cycling	Appley Rd mini-roundabout	£200,000	3
5	Improvement of existing shared-use track	Removal of two barriers. 575m of street-lighting. Quietway treatment.	Appley Rd to Esplanade	£92,000	5
6	New cycle route junction	New transition to Esplanade cycle route	Esplanade	£15,000	5

## RC2: Appley Road

### Route Description

This short route connects residential estates to the east of Ryde into RC1 for onward trips towards Tesco or the Esplanade and provides a safe route to Oakfield primary school. The route runs adjacent to various areas of proposed future housing development. It requires creation of new sections of shared use route linked by a Quietway along Seldon Avenue. The links between the shared use sections and quietway will need to ensure a seamless connection and avoid cyclists being interrupted by side roads that cross the route.

### Route Map





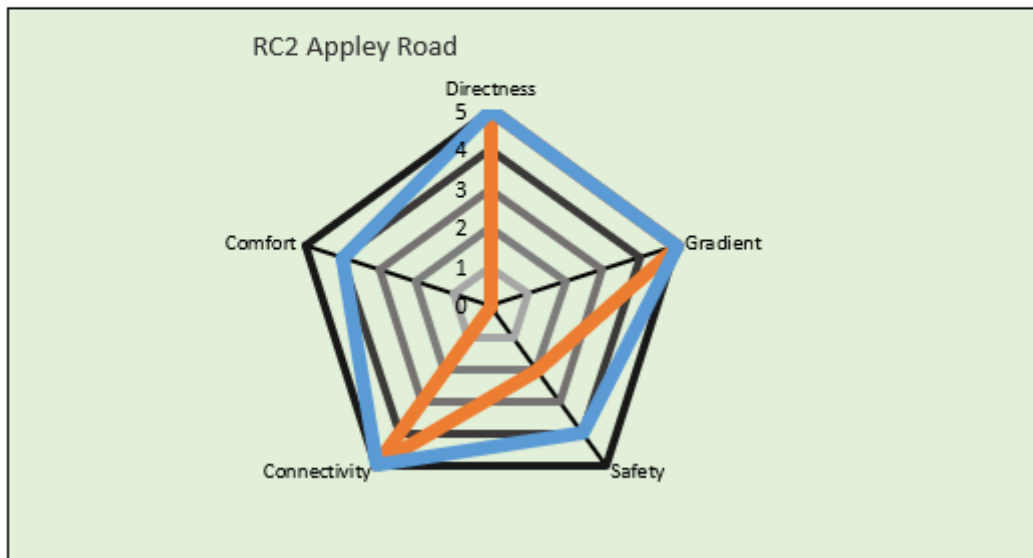
Appley Road, looking west



Seldon Avenue, looking west

Route Selection Tool Assessment

Criterion	Performance Scores	
	Existing	Potential
Directness	5.00	5.00
Gradient	5.00	5.00
Safety	2.00	4.00
Connectivity	5.00	5.00
Comfort	0.00	4.00



## Infrastructure Improvements

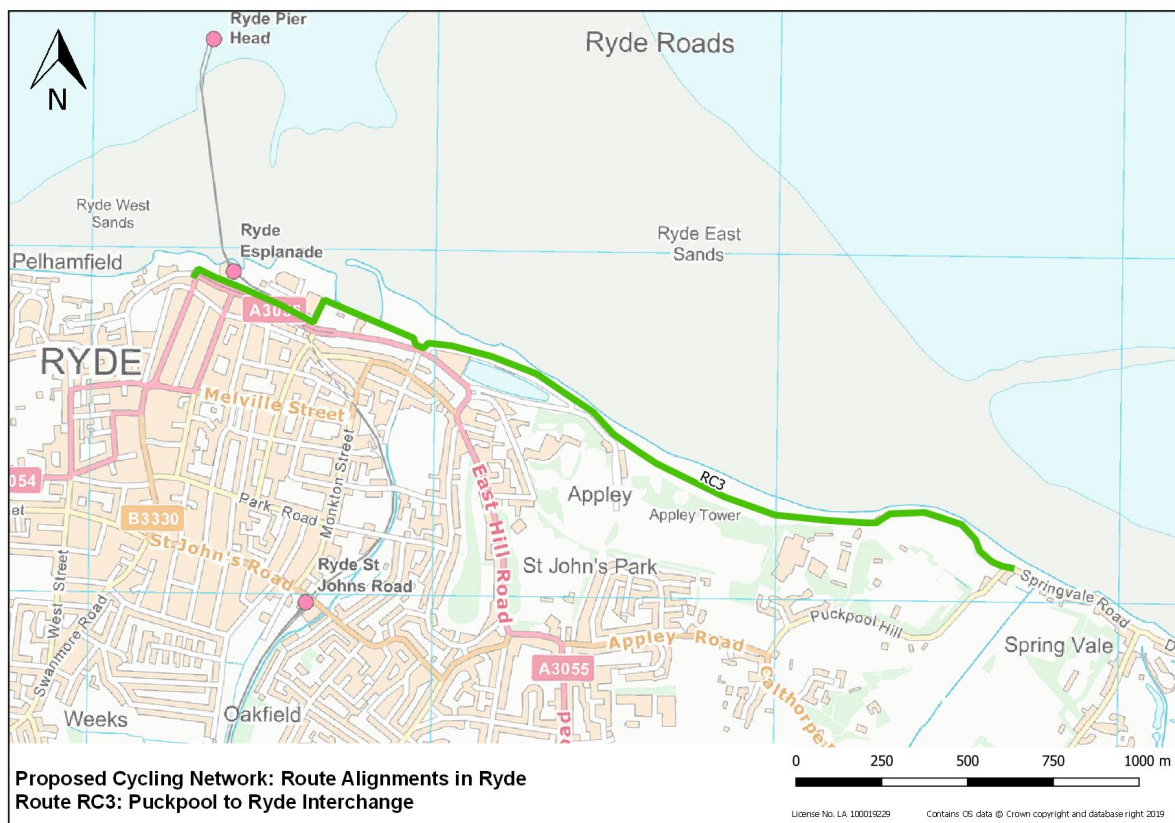
	Type	Description	Location	Indicative cost	Deliverability
1	New cycle track	270m 2.5-3 wide shared-use cycle track on north side of Appley Rd	Puckpool Hill to Seldon Ave	£81,000	3
2	On road improvements	250m of Quietway treatment, creation of seamless links to other portions of route	Seldon Ave	£25,000	5
3	New cycle track	70m 2.5-3 wide shared-use cycle track on north side of Appley Rd	Alongside Appley Rd	£21,000	3

## RC3: Puckpool to Ryde Interchange

### Route Description

This route follows the seafront and involves the improvement and extension of an existing route to provide a high-quality route from Puckpool to Ryde Transport Interchange (trains/ferries/buses) and town centre. This route plays an important role in interconnecting several other routes (RC1, RC4 and RC6), provides a route for people passing through Ryde, links with the interchange and forms part of an important tourist cycle route along the north coast. It lays the foundation for further extension to Seaview, St Helens and Bembridge. New cycle track takes the route through Puckpool Park onto the existing shared use route which will be improved with a particular focus on minimising conflict between people walking and cycling. From the end of the current route to the transport interchange a new cycle track is proposed using excess carriageway width.

### Route Map





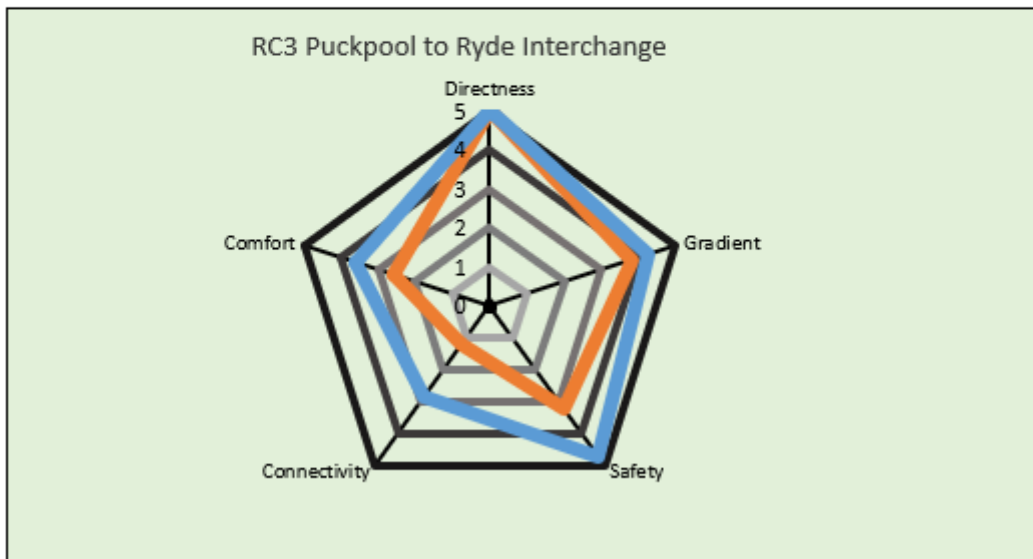
Puckpool Park



Ryde Esplanade, looking west

Route Selection Tool Assessment

Criterion	Performance Scores	
	Existing	Potential
Directness	5.00	5.00
Gradient	3.80	4.25
Safety	3.25	4.72
Connectivity	1.20	2.86
Comfort	2.59	3.61





## Infrastructure Improvements

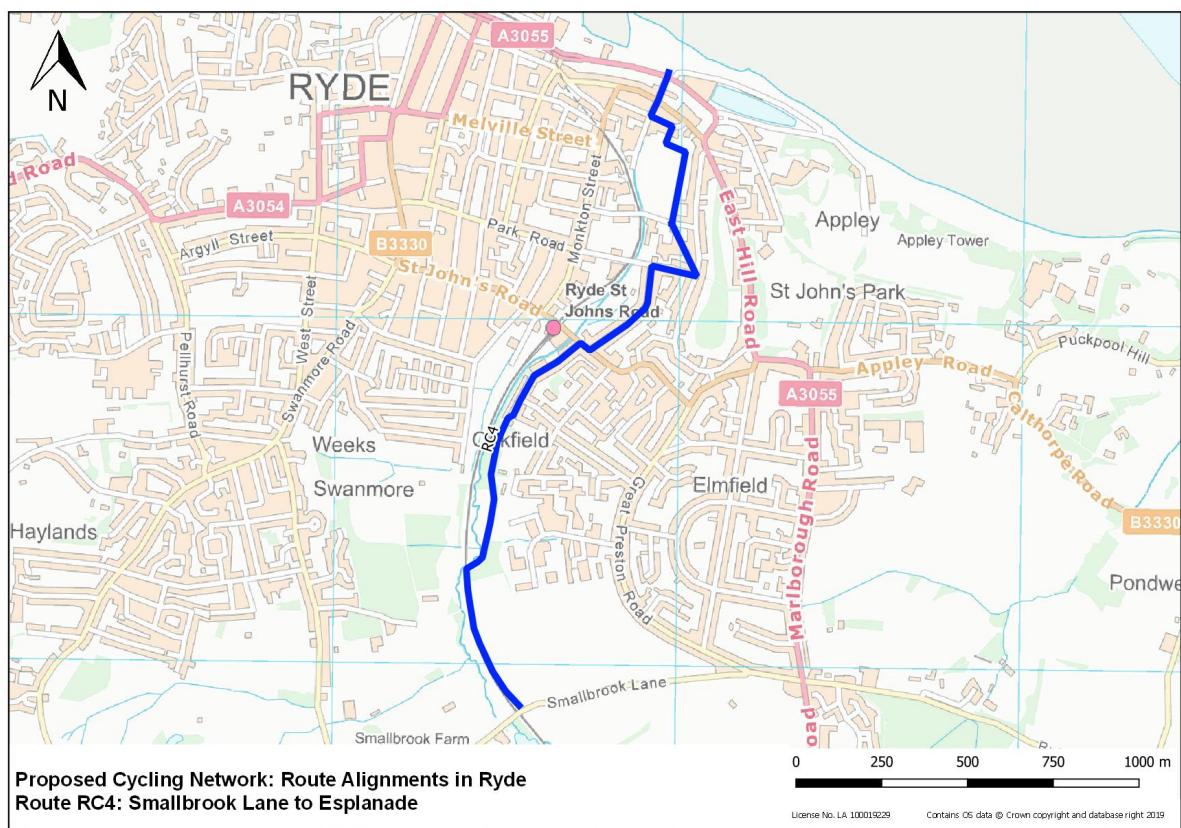
	Type	Description	Location	Indicative cost	Deliverability
1	New cycle track	500m 3m wide 2 way cycle track on route of existing lower gravel path on northern side of Puckpool Park.	Through Puckpool Park from the Boathouse at bottom of Puckpool Hill to Dell Café on Appley Walk.	£150,000	4
2	Improvement of existing shared-use track	Resurfacing of existing shared use route that runs next to beach for 840m. Widening where possible. Creation of seamless links to other portions of route.	From the Dell Café to Ryde Lifeboat	£168,000	5
3	Improvement of existing shared-use track	Removal of barriers (gate) across route.	Jct of Garden Walk and Appley Walk	£2,000	5
4	Improvement of existing shared-use track	Improved route identity treatment on non-trafficked section for 650m. Along shared use route by beach/boating lake.	Ryde Lifeboat to western end of North Walk/junction with A3055	£32,500	5
5	Improvement of existing shared-use track	Relocate poorly positioned street furniture (eg benches and shelter) to create clearer pathway	Various locations between Ryde Lifeboat to western end of North Walk/junction with A3055	£10,000	5
6	New cycle track	540m of 3m wide 2 way cycle track using space from current carriageway on northern side of A3055.	North Walk/junction with A3055 along to bridge over railway to Hovertravel	£324,000	4
7	New cycle track	Re-engineering of existing carriageway, taxi rank and bus station accesses to create a 175m long, 3m wide east-west cycle track to join with RC6	From bridge over railway to Hovertravel through to Western Gardens	£1,000,000	2

## RC4: Smallbrook Lane to Esplanade

### Route Description

A new route using a mixture of dedicated off-road routes and quiet streets. This route links the Esplanade with housing at Oakfield, St John's Station, Nicholson Road industrial estate, proposed housing at Rosemary Vineyard and Pennyfeathers and the Nicholson Road regeneration area. The southern section utilises an existing bridleway, which requires upgrading to allow all-weather cycling. Most of the remainder of the route is on local streets proposed for Quietway treatment. Ideally the route will pass through what is current a BT depot between Park Road and Rink Road; it may be possible to achieve this as part of a redevelopment of this area. Alternatively, a less direct and hillier route could be provided on existing roads. The route passes through Simeon Street Recreation Ground, where the existing path built alongside the flood containment wall requires widening to allow shared use.

### Route Map





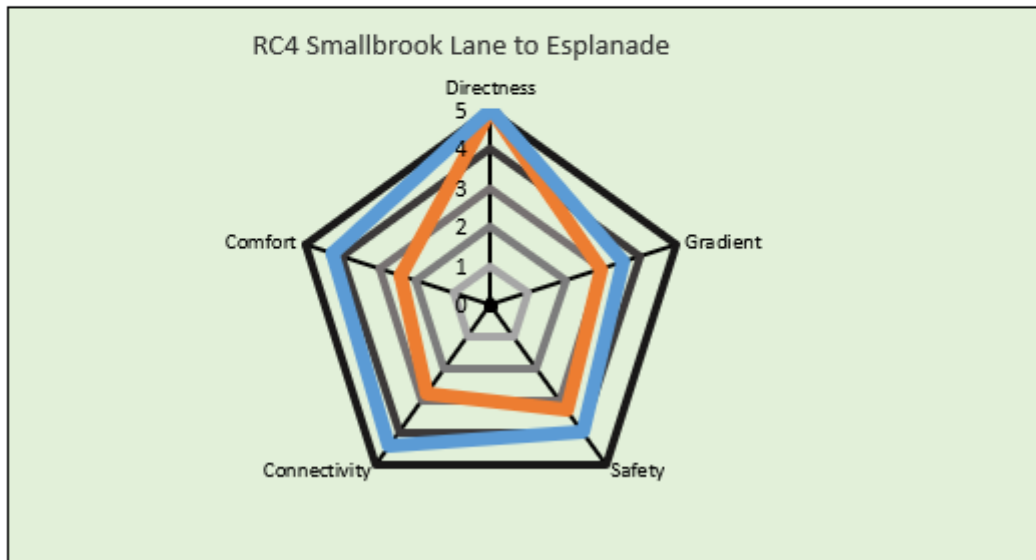
Bridleway adjacent Nicholson Road industrial estate



Simeon Street Recreation Ground

### Route Selection Tool Assessment

Criterion	Performance Scores	
	Existing	Potential
Directness	5.00	5.00
Gradient	2.95	3.56
Safety	3.31	3.99
Connectivity	2.80	4.43
Comfort	2.42	4.26



## Infrastructure Improvements

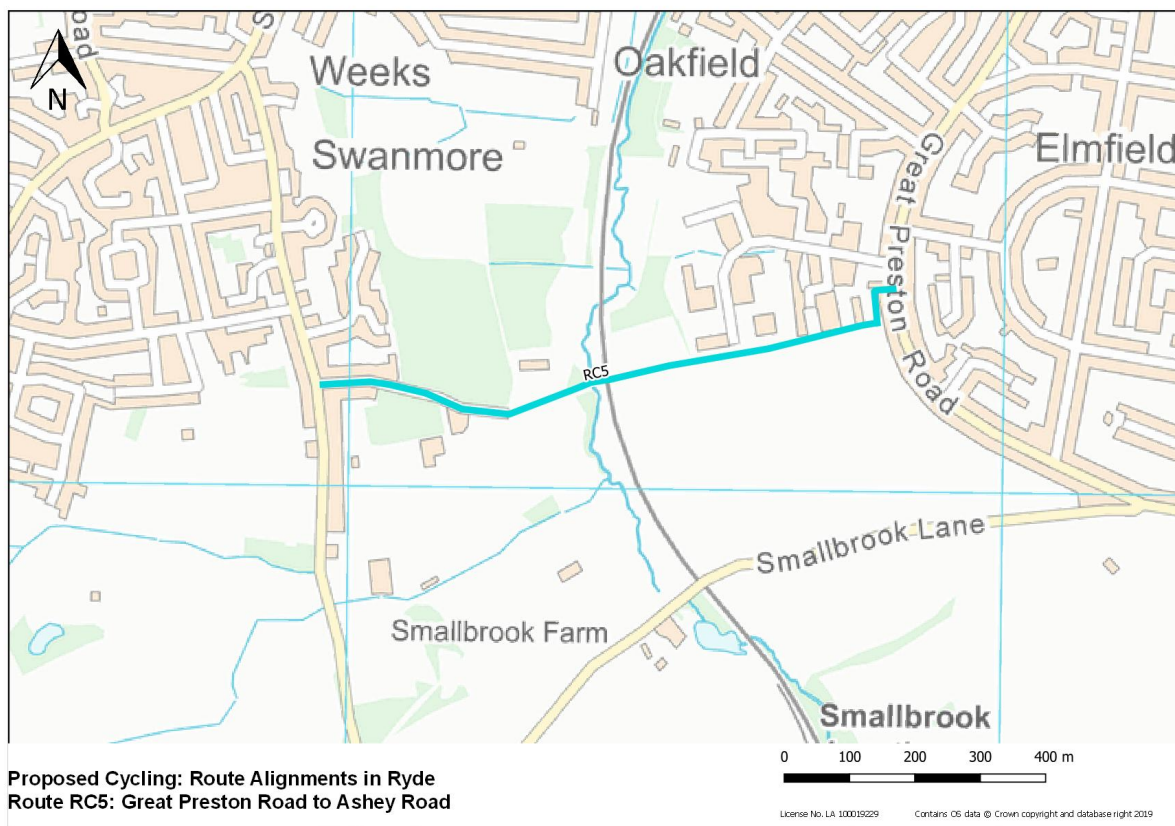
	Type	Description	Location	Indicative cost	Deliverability
1	New cycle track	Construction of 900m of 3m wide, 2 way cycle track constructed over existing bridleway and permissive path that runs to the east side of the railway line. Addition of street lighting.	From Smallbrook Lane (next to railway bridge) to the Oakvale Estate	£270,000	4
2	New cycle bridge	New 3m wide bridge to replace existing narrow footbridge at southern entrance to Oakvale Estate	Southern entrance to Oakvale Estate	£20,000	3
3	On road improvements	160m of Quietway treatment, creation of seamless links to other portions of route	Through Oakvale Estate	£16,000	3
4	New cycle ramp	Creation of a cycleable ramp linking Oakvale Est with Meaders Rd	Northern end of Oakvale Estate	£30,000	3
5	On road improvements	150m of quietway along the length of Meaders Rd, identification of cycle route status, creation of seamless links to other portions of route	Meaders Rd	£15,000	5
6	On road improvements	Carriageway improvements to calm traffic, highlight cycle route and improve cycle safety on short 40m main road section.	Linking Meaders Rd to St John's Wood Rd	£15,000	5
7	On road improvements	320m of quietway along the length of St John's Wood Rd, identification of cycle route status, creation of seamless links to other portions of route	St John's Wood Rd	£32,000	5
8	New cycle track	130m of new 3m wide, 2 way cycle track using some of the land that is currently occupied by the BT depot between Park Rd and Rink Rd	BT depot between Park Rd and Rink Rd	£39,000	1
9	New cycle track	For 275m, widen existing 1.8m concrete path to create a 3m wide, 2 way cycle track. Creation of seamless links to other portions of route	Through Simeon Park (south to north) to link with Simeon Street	£41,250	5
10	On road improvements	190m of Quietway treatment along Simeon Street and then Cromwell Street, creation of seamless links to other portions of route	Short section of Simeon St and then Cromwell St to junction of A3055.	£19,000	5
11	New cycle crossing	Install parallel zebra crossing across A3055 to join with RC3	Junction of Cromwell St and A3055	£30,000	3

## RC5: Great Preston Road to Ashey Road

### Route Description

This route provides an important orbital link for the cycle network and will reduce community severance caused by the railway line. It requires the upgrade of an existing lane and bridleway to create an all-weather route providing an east-west link to the south of Ryde. It opens up new cycling possibilities between residential areas, employment opportunities and schools either side of the railway line. The route directly links into the planned Nicholson Road regeneration area. Surfacing upgrades are needed along the length of the route along with a bridge over the railway line to replace the current open level-crossing.

### Route Map:





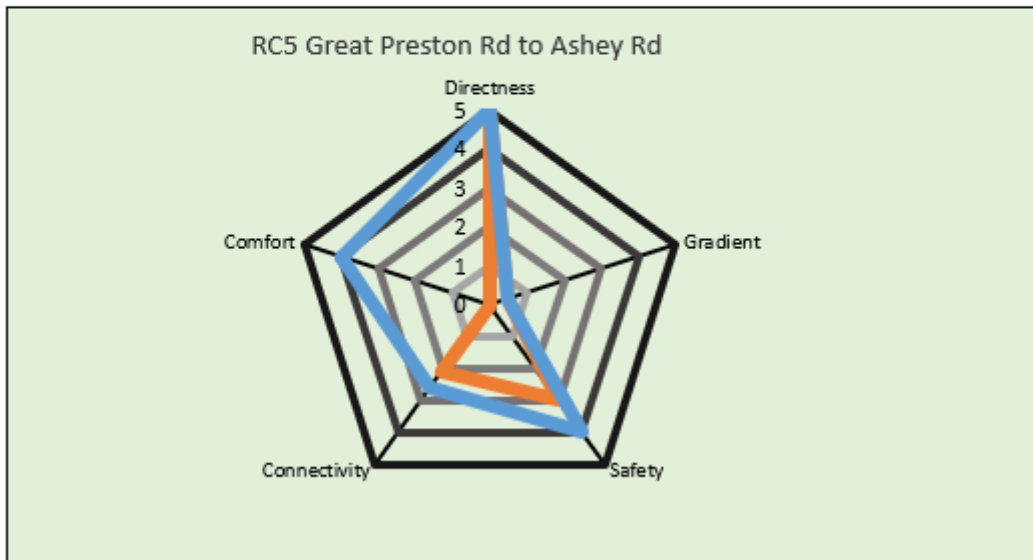
Bridleway south of Nicholson Road industrial estate



Level crossing looking towards Rosemary lane.

Route Selection Tool Assessment

Criterion	Performance Scores	
	Existing	Potential
Directness	5.00	5.00
Gradient	0.48	0.48
Safety	3.00	4.00
Connectivity	2.08	2.60
Comfort	0.00	4.00



## Infrastructure Improvements

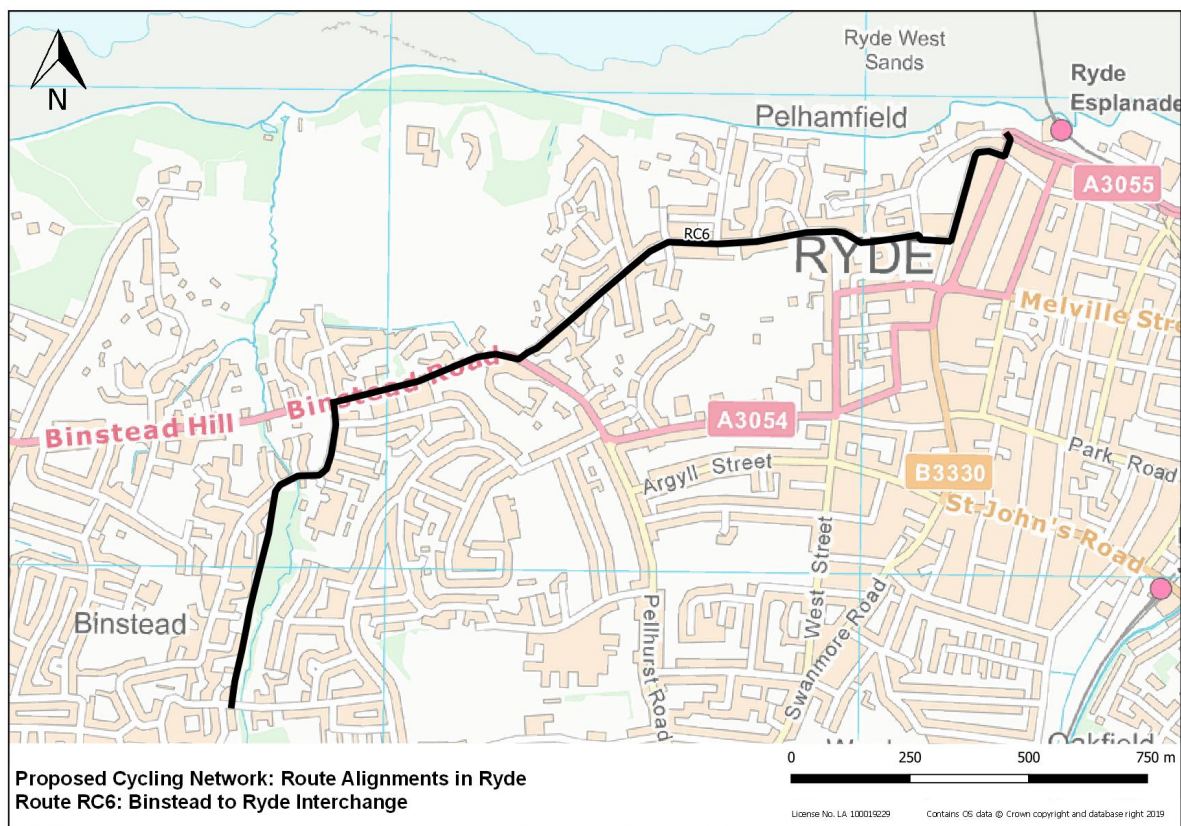
	Type	Description	Location	Indicative cost	Deliverability
1	Improvement of existing shared-use track	Widening and resurfacing of 460m of existing shared use route. Addition of street lighting. Creation of seamless links to other portions of route and spurs into surrounding industrial estate.	Great Preston Rd to cycle route RC4/adjacent to level crossing of railway	£92,000	5
2	New cycle bridge	New 70m cycle bridge spanning the railway and enabling cycle route to continue seamlessly east-west. Bridge will also mitigate gradient issues.	At level crossing over railway	£2,500,000	3
3	New cycle track	460m of new 3m wide, 2 way cycle track along Rosemary Lane to link with new bridge and Ashey Rd	Rosemary Lane	£138,000	3

## RC6: Binstead to Ryde Interchange

### Route Description

Part of this route is already recognised as NCN 22 but requires upgrading. The rest of the route requires the construction of new cycle tracks. The route links the large Binstead residential estates with the town centre and Ryde Transport Interchange (trains/ferries/buses). It provides safe links to several schools near the route. The western end of the route is proposed be created on an existing bridleway and highway verges. Binstead Road (the A3054) requires realignment to allow creation of a cycle track alongside, and a safe crossing of the main road is also proposed. From Spencer Road to the town centre the route follows lightly trafficked roads where a Quietway is recommended.

### Route Map







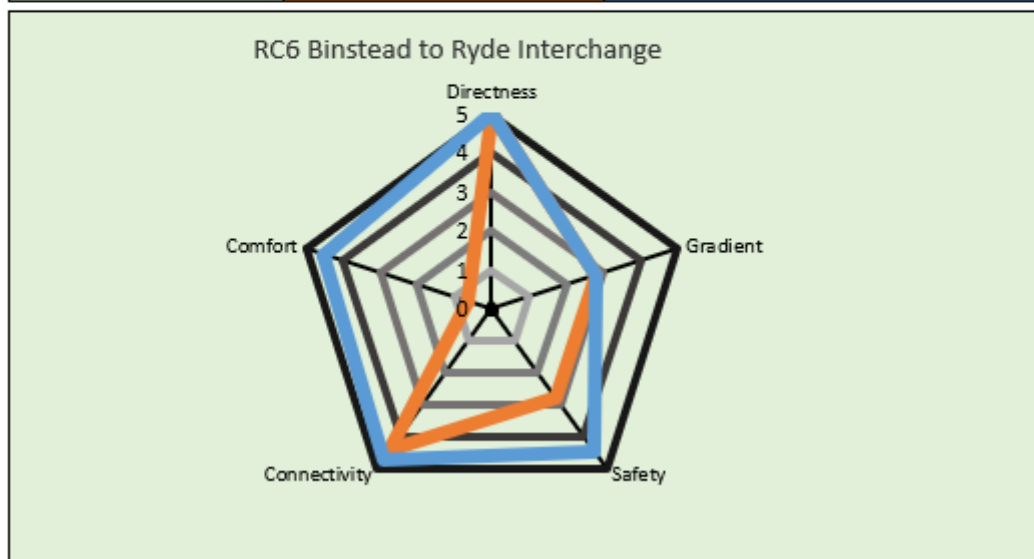
Binstead Road, looking east



Spencer Road, looking north-east

### Route Selection Tool Assessment

Criterion	Performance Scores	
	Existing	Potential
Directness	5.00	5.00
Gradient	2.79	2.79
Safety	2.80	4.46
Connectivity	4.40	4.73
Comfort	0.67	4.54



## Infrastructure Improvements

	Type	Description	Location	Indicative cost	Deliverability
1	New cycle crossing	Raised table, uncontrolled crossing at junction of Hillrise Ave and bridleway to Dame Anthony's Common	Hillrise Ave and bridleway to Dame Anthony's Common	£15,000	5
2	Improvement of existing shared-use track	Widening and resurfacing of 480m of existing shared use route. Addition of street lighting. Creation of seamless links to other portions of route.	From Hillrise Ave to Binstead Lodge Rd along existing bridleway	£125,000	5
3	New cycle track and bridge	Creation of spur from main new cycle route onto Hamilton Rd, which entails a new 3m bridge across a stream and the widening of approx 60m of what is currently urban footpath	Hamilton Rd to bridleway	£27,000	3
4	On road improvements	Carriageway improvements to calm traffic, highlight cycle route and improve cycle safety on short 60m road section.	Binstead Lodge Rd	£21,000	5
5	New cycle track	180m of new 3m wide, 2 way cycle track alongside the west side of Ringwood Rd within highway verge.	Ringwood Rd	£54,000	5
6	New cycle crossing	Parallel zebra crossing (east-west) of Ringwood Rd next to Binstead Rd junction	Ringwood Rd/Binstead Rd junction	£30,000	5
7	New cycle track	245m of new 3m wide, 2 way cycle track alongside the southern side of Binstead Rd A3054 using highway verge.	Ringwood Rd/Binstead Rd junction to point 70m west of Stonepitts Close	£73,500	5
8	New cycle crossing	Toucan crossing taking cycle track users across from south side to north side of Binstead Rd A3054.	Point approx 70m west of Stonepitts Close	£62,000	4
9	New cycle track	180m of new 2.5-3m wide, 2 way cycle track alongside the north side of Binstead Rd A3054 using highway verge and partial realignment of carriageway. May require small land acquisition from Ryde Golf Club.	Point approx 70m west of Stonepitts Close to junction Ladies Walk/Ryde House Drive	£154,000	2
10	Improvement of existing shared-use track	Removal of chicane barrier at access to Spencer Rd	Spencer Rd/Ryde House Drive	£2,000	4
11	Improvement of existing shared-use track	Resurfacing of 200m of existing shared use route from start of Spencer Rd to Beech Grove junction. Currently surface is gravel and uneven concrete.	Spencer Rd to Beech Grove junction.	£40,000	4
12	On road improvements	1km of Quietway treatment along Spencer Rd, junction with St Thomas's St and along Yelf's Rd.	From junction of Beech Rd and Spencer Rd to junction Yelf's Rd and Church Lane.	£100,000	5
13	On road improvements	Prohibition of motor vehicles except for access. Quietway treatment along Church Lane for 250m.	Along length of Church Lane from Yelf's Rd to junction of Union St.	£30,000	4

14	New cycle track	50m of new 3m wide, 2 way cycle track along eastern side of Union Street using existing, excess carriageway width.	From junction of Church Lane and Union St to bottom of Union St/jct with Esplanade.	£30,000	5
15	New cycle crossing	Remove existing sub standard crossing that crosses Esplanade towards bus station and replace with toucan crossing that will link RC6 and RC3.	Esplanade, opposite entrance to pier.	£62,000	5