

AYOT GREENWAY

MANAGEMENT AND MAINTENANCE PLAN 2025 – 2035





OVERVIEW

Management and Maintenance Plan

This plan will set out the maintenance required over the next ten years to secure the improvements achieved on the Ayot Greenway in the previous Greenspace Action Plan (GAP) 2020 – 2025, and any further actions which will help deliver the agreed aspirations which the site managers and stakeholders have identified for that site.

Public Engagement

Engagement with stakeholders is at the centre of effective management planning on any site. Two stages of engagement on the previous management plan established core aims and objectives for the site, which are unchanged. A further stage of engagement on a draft version of this plan will enable stakeholders to comment on the proposed future management actions for the site.

Version	Issue Date	Details	Author	Reviewed	Approved
1		Draft v1	FD		

Version Control

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1.0 SUMMARY

1.1 Site Summary

Site Name:	Ayot Greenway
Grid Reference:	TL 186144 to TL 317119
Owners:	Tarmac Ltd (TL 186144 to TL 190143 – 0.4km)

Hertfordshire County Council (TL 190144 to TL237134 – 4.9km)

Welwyn Hatfield Borough Council (TL 221144 to TL 222143 – Ayot Green car park).

Managers: Hertfordshire County Council

Tarmac Ltd

- Size: Full route length 6.4km including on road section
- Designations: Conservation Area

Metropolitan Green Belt

Local Wildlife Site

Site of Special Scientific Interest

Ancient Semi-Natural Woodland

1.2 Vision Statement

To maintain the Ayot Greenway as an attractive, functional, multi-user route which is well-used for active travel and recreation alike and rich in biodiversity heritage.

This will be achieved through the following objectives:

- To maintain the Ayot Greenway as a core component of Hertfordshire's strategic non-motorised transport network.
- To increase the use of the Ayot Greenway for both active travel and recreation.
- To ensure financial sustainability of all management operations on site.
- To protect and enhance the natural environment and heritage of the Ayot Greenway.
- To ensure that users of the Ayot Greenway feel safe and welcome at all times.
- To develop and maintain an informed, involved, and enthusiastic local community.

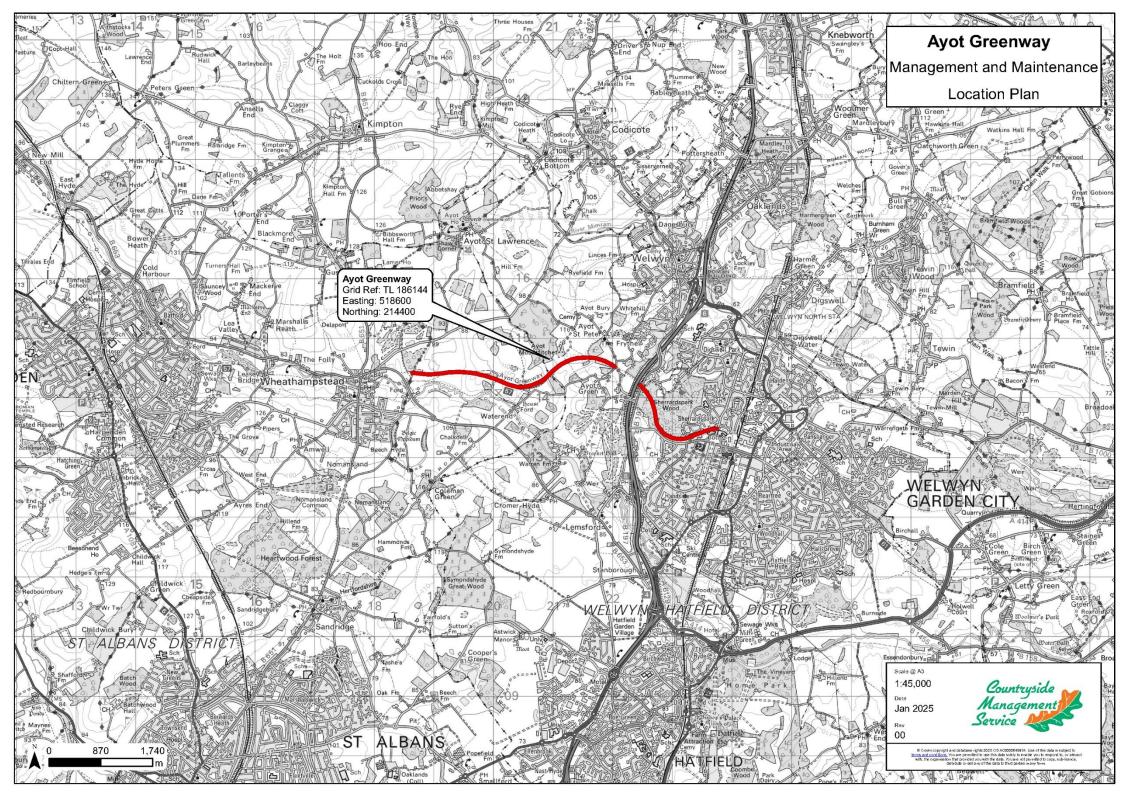
This Management and Maintenance Plan for the Ayot Greenway sets out the management, maintenance, and development framework for the site over 10 years. It will focus on the section of the Ayot Greenway between Wheathampstead and Welwyn Garden City, which is owned by Hertfordshire County Council, and will also provide recommendations for the management of the remainder of the route.

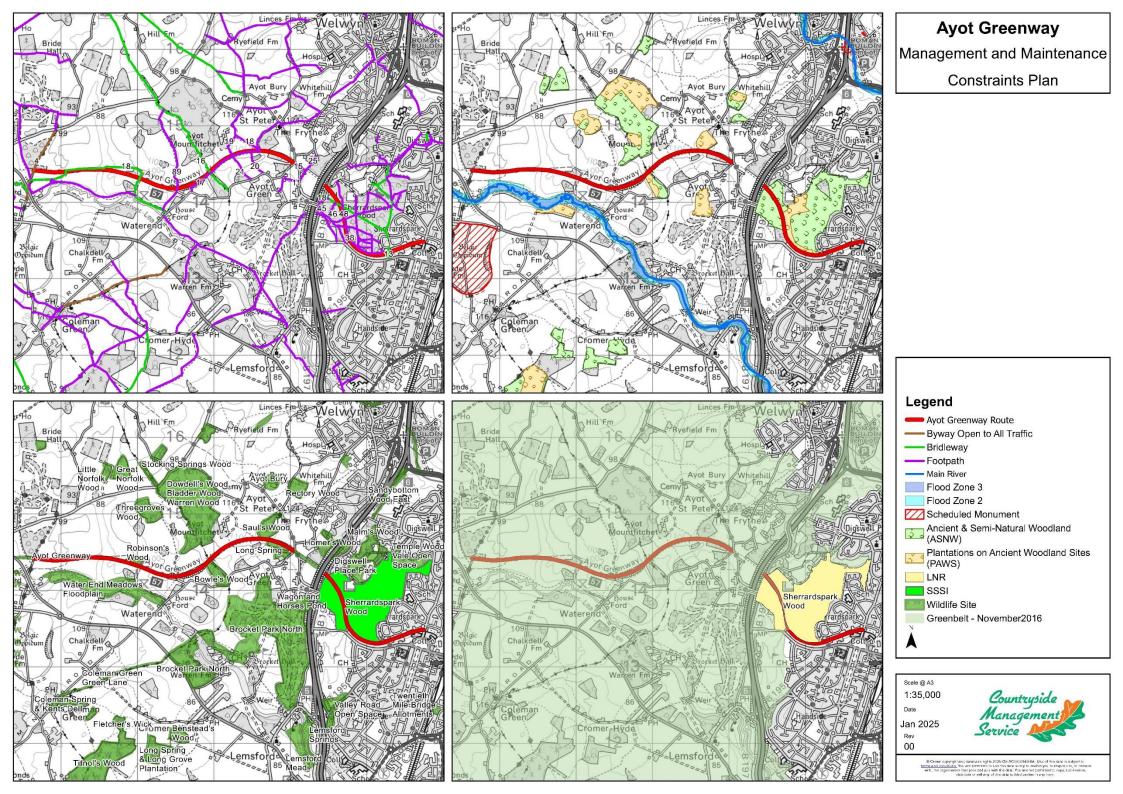
The Management and Maintenance Plan is reviewed annually in conjunction with any relevant bodies, so that any outstanding tasks can be rescheduled as necessary.

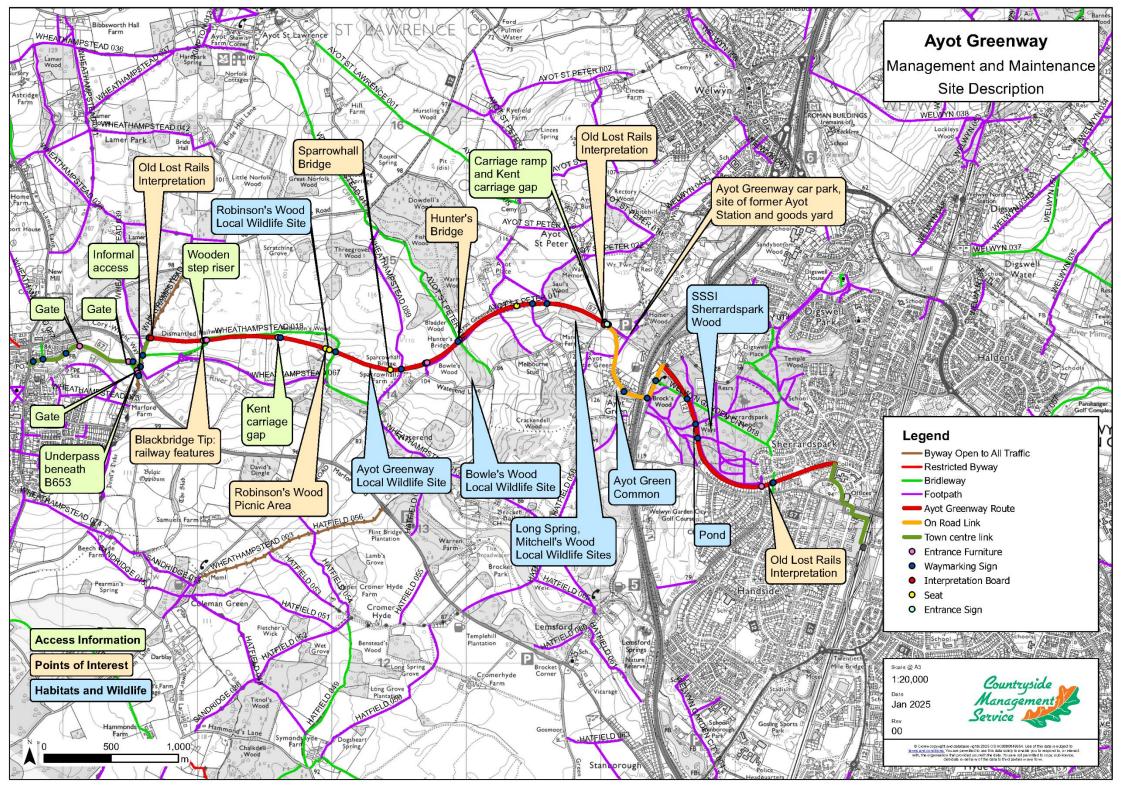
2.0 SITE DESCRIPTION

2.1 Introduction

The Ayot Greenway is a 6.4km non-motorised transport route following the former Welwyn Garden City to Luton and Dunstable branch line. It forms part of Sustrans National Cycle Network Route 57, running through a largely rural area and passing close to a number of small hamlets, notably Ayot St. Peter, Ayot Green, Ayot St. Lawrence, and Lemsford. It provides a valuable, predominantly traffic-free, connection between Wheathampstead and Welwyn Garden City for cyclists, horse riders, pedestrians, and carriage drivers, both for active travel and for recreational use. It connects at both ends to links to the respective town centres, and to a further trafficfree route heading east between Welwyn Garden City and Hertford.







2.2 Strategic Context

2.2.1 Active Travel

The Ayot Greenway should be viewed not as an isolated route but as part of a developing and increasingly important strategic network of non-motorised transport options, providing a predominantly traffic-free link between Welwyn Garden City and Wheathampstead.

Our Local Transport Plan 2018-31 (LTP4) places a high emphasis on active travel and is therefore strongly supportive of work to improve the Ayot Greenway and access to it. One of its four guiding principles is **modal shift and encouraging active travel**: 'Achieving a modal shift in future years away from car use to more sustainable modes such as public transport, walking, and cycling will greatly support delivery of the LTP objectives. The potential public health benefits of increased levels of active travel indicate this should be a high priority, and a key feature of the future transport system we are planning for.'

The development and promotion of the Ayot Greenway as a route for active travel is supported by three policies in LTP4:

- **Policy 1: Transport User Hierarchy** which considers the needs of pedestrians and cyclists before those of any other transport user group.
- **Policy 7:** Active Travel Walking which seeks to encourage and promote walking by increasing the priority of pedestrians relative to motor vehicles, delivering improved facilities for pedestrians, and promotion of walking for both travel and recreation.
- **Policy 8: Active Travel Cycling** which aims to deliver a step change in cycling in Hertfordshire through infrastructure improvements, higher prioritisation of cyclists and promotion.

2.2.2 Transport and Health

Growth in active travel and recreation will increase levels of physical activity, with the potential to improve health, promote mental wellbeing, improve quality of life, and help promote independence. Our <u>Health and Wellbeing Strategy 2022 – 2026</u> highlights the important of healthy places, including the health benefits that can be obtained by walking and cycling more, on better designed, safer routes, and taking fewer car journeys.

2.2.3 Air Quality and Climate Change

Emissions from transport are a major source of air pollution, and poor air quality is also a serious threat to health. In Hertfordshire, 514 deaths per year are thought to be attributable to fine particulate air pollution (<u>Public Health England, 2014</u>). Any modal

shift from car to active travel will provide additional health and environmental benefits by reducing air pollution.

Reducing greenhouse gas emissions from transport is also essential if national targets are to be met. Road use by each Hertfordshire resident produces 2.3 tonnes of carbon dioxide per year, 6% higher than the East of England average (National Statistics, 2017).

2.3 Geography and Landscape

The entirety of the Ayot Greenway lies within the Green Belt. It passes through the Welwyn Garden City Conservation Area and passes near the Ayot Green, Water End, and Wheathampstead Conservation Areas. The HCC-owned section of the route west of the A1(M) is a Local Wildlife Site (57/012), and the HCC-owned section east of the A1(M) passes through Sherrardspark Wood SSSI. The route passes a number of additional Local Wildlife Sites, shown on the constraints map in 2.1:

- Robinsons Wood (57/024 ancient semi-natural woodland)
- Bowle's Wood (57/019 ancient semi-natural woodland)
- Saul's Wood (57/009 ancient semi-natural woodland)
- Long Spring Wood (57/051 ancient semi-natural woodland)
- Blackbridge Tip (56/013 protected species)

The eastern part of the route lies within the <u>Ayot St Peter Wooded Upland</u> Landscape Character Area (LCA), entering the <u>Upper Lea Valley</u> LCA in its western section.

The area is predominantly arable land in between extensive woodland and plantations. The traditional hamlets of Ayot St. Peter and Ayot Green are located to the eastern end of the route. The urban influence of Welwyn Garden City to the east is only apparent at the eastern fringes of the area. Despite the presence of the A1(M) to the east, most of the area feels remote and tranquil. To the west, the valley of the river Lea has more of an impact on the landscape, with slopes running down to the narrow and meandering river corridor. Users of the Ayot Greenway will see the river as they leave the route of the old railway line and follow public rights of way into Wheathampstead.

As a wooded green corridor, the Ayot Greenway is a significant feature traversing the landscape. Throughout the HCC-owned section, it passes through cuttings and embankments, providing sections with open views across surrounding fields. These cuttings and embankments are almost the only reminder that this route was once a railway line. Much of the route has become naturally enclosed by secondary woodland, currently making some areas dark and over shaded. The section owned and managed by Tarmac Ltd is much more open.

2.4 History and Archaeology

The Ayot Greenway follows the route of the former Welwyn Garden City to Luton and Dunstable branch line. This opened in 1877 as a later addition to the Hatfield to Luton and Dunstable branch line. In July 19488, Ayot Station (towards the eastern end of the route) was destroyed by a fire. The station was never rebuilt and was officially closed to passenger traffic in September 1949. Goods traffic continued to pass through until the station was closed to all railway traffic 1963. Ayot station has since been demolished with very little evidence remaining.

At the south end of the station, two sets of crossing gate posts survive. To the north of the crossing, the foundations of a number of buildings, including the signal box, can be found in the former goods yard. The stationmaster's house, alongside the approach, is now in private occupation. The south end of the former goods yard is now a car park for the Ayot Greenway and is owned by Welwyn Hatfield Borough Council and managed by Hertfordshire County Council.

Wheathampstead station (at the western end of the route) is now owned by Wheathampstead Parish Council and was opened with the second section of the Hatfield to Dunstable line in 1860. The station was closed to passengers in April 1965, and goods traffic continued to pass through until November 1965 when a connection with the Midland line at Luton opened, making the track east of Luton redundant. The west end of the station platform and a short section of the east end have since been demolished. Part of the single platform has now been restored by a team of volunteers, including the addition of a traditional shelter, a short section of railway and restored a 12-tonne goods wagon. Since restoration, the station has become an open-air museum and is a feature of the Wheathampstead Heritage Trail.

Detailed histories and historic photos of Ayot and Wheathampstead stations, along with a history of the Welwyn Garden City to Luton and Dunstable line as a whole, can be found <u>here</u>.

2.5 Habitats and Wildlife

2.5.1 Habitats

The bank adjoining the old railway line have been naturally colonised by secondary woodland and scrub since the closure of the railway and the cessation of regular, large scale vegetation clearance. This now provides an important continuous, linear wildlife corridor, offering a variety of habitats for insects, birds, and mammals, providing a link between other wildlife sites.

In many places, the dense semi-mature woodland on the embankments and cuttings prevents light from reaching the floor, and results in a poor, shade tolerant ground flora. Several ancient woodland indicators have been recorded in the ground layer.

Narrow strips of grasses and wildflowers border the central track where sufficient light reaches the ground. In the past, the grassy banks have supported a good diversity of

flora. The Ayot Greenway from Wheathampstead to the A1(M) is a Local Wildlife Site as a result of these grassland indicator species, which are still present in places although lost to over-shading in many areas. This loss has also impacted other aspects of the wildlife of the site including grassland butterflies and moths.

2.5.2 Species

Several protected species have been recorded close to the Ayot Greenway. However, few records are directly associated with the site.

Badgers have been recorded on the route, and there are numerous records from within 2km of the route. There may be setts in the embankments or cuttings. Bats will use the Ayot Greenway as a corridor to feed along, and mature trees have the potential to hold roosting bats. Eleven species of bat have been recorded within 2km of the route.

A variety of common birds can be expected to nest in trees and scrub along the route. The invertebrate fauna is also likely to be diverse, although under-recorded.

2.6 Access, Facilities, and Infrastructure

2.6.1 Access, Circulation and Entrances

The Ayot Greenway is not a designated Public Right of Way, but access is permitted for walkers, cyclists, horse riders, and carriage drivers. It forms part of Sustrans National Cycle Network Route 12, between Welwyn Garden City and Stevenage, and Route 57, between Welwyn Garden City and Wheathampstead, providing an off-road link between Welwyn Garden City and Wheathampstead. At the Wheathampstead end, the disused railway section connects to the village along short off-road sections on Wheathampstead Byway 004 then Wheathampstead Bridleway 012 and Mount Road. At the Welwyn Garden City end it connects directly to the road network at multiple points, with the National Cycle Network leading onto Bridge Road.

It is accessible from all the roads and rights of way which cross or meet the route:

- B653 Cory Wright Way
- Wheathampstead Footpath 063 towards Sheepcote Lane and Codicote Road
- Wheathampstead Byway 004 towards Sheepcote Lane and Codicote Road
- Wheathampstead Bridleway 018 towards Sheepcote Lane and Waterend Lane
- Wheathampstead Footpath 089 towards Codicote Road and Waterend Lane
- Wheathampstead Footpath 084 towards Waterend Lane
- Ayot St. Peter Footpath 017 towards Ayot St. Peter Road
- Wheathampstead Bridleway 011/Ayot St. Peter Bridleway 016 towards Codicote Road and Waterend Lane
- Ayot St. Peter Footpath 019 towards Ayot St. Peter Road
- Ayot St. Peter Footpath 021 towards Waterend Lane
- Ayot St. Peter Footpath 020 towards Waterend Lane
- Ayot St. Peter Road

- Ayot Little Green Lane
- Ayot Green
- Great North Road
- Welwyn Garden City Bridleway 018 towards Great North Road
- Welwyn Garden City Footpath 035 within Sherrardspark Wood
- Welwyn Garden City Footpath 034 within Sherrardspark Wood
- Welwyn Garden City Bridleway 013 towards Reddings and Bridge Road
- Campus West Car Park
- Digswell Road

The Ayot Greenway is a predominantly traffic-free route, although it does follow a short on-road section from Ayot St. Peter Road to cross the A1(M). The route then passes over the A1(M) by bridge from Ayot Green and proceeds to cross Great North Road before entering Sherrardspark Wood.

2.6.2 Car Park and Vehicular Access

There is one car park associated with the Ayot Greenway. This is located in the former goods yard of the old Ayot station and is owned by Welwyn Hatfield Borough Council. The car park has space for around eight vehicles. No motor vehicles are allowed on the Ayot Greenway, apart from contractors authorised by the landowners. The main access for authorised vehicles, including emergency services, to the HCC-owned section of the Ayot Greenway is via Sparrowhall Farm.

2.6.3 Path Surface

The HCC-owned section of the route has an unbound aggregate surface, which was resurfaced between 2021 and 2022. The section owned by Tarmac Ltd has an older unbound aggregate surface, which in many places is covered by organic material.

At the Wheathampstead end, the route passes through the B653 underpass on Wheathampstead Byway 004, which regularly floods after prolonged wet weather. Although drainage ditches are present, these are overgrown with vegetation.

2.6.4 Destinations Accessible from the Ayot Greenway

The primary destinations of the Ayot Greenway are Wheathampstead and Welwyn Garden City, towns with populations of 4,527 and 51,524 respectively (2021 census) and major employers such as Tesco and Hertfordshire County Council. The larger neighbouring settlements of Hatfield (41,555) and St Albans (75,537) can also be accessed by a combination of on- and off-road routes.

The nearest railway station is Welwyn Garden City (1km from the eastern end of the Ayot Greenway). The route also provides access to the villages and hamlets around Ayot Green.

For recreation, the Ayot Greenway provides a route through Sherrardspark Wood. It also connects with the Hertfordshire Way at Sheepcote Lane near Wheathampstead,

and intersects the Lea Valley Walk, a 50-mile route following the River Lea between Luton and the Thames, at Wheathampstead.

2.6.5 Furniture

There are three benches or seats along the route, with two more picnic benches at Robinsons Wood picnic area, the majority of these are now in poor condition and in need of replacing.

There are steps by the B653 underpass where Wheathampstead Bridleway 012 meets Wheathampstead Byway 004. Users currently have to continue along to the end of the Bridleway to reach the Byway.

There are also steps built into the bank where the route descends onto Ayot St Peter Road to join National Cycle Network Route 12. An alternative access option here includes the series of ramps with a Kent carriage gap, providing sloped access to multiple users including carriage drivers. There is also a Kent carriage gap located just before Robinsons Wood towards the Wheathampstead end.

No access furniture exists for most of the Rights of Way access points that cross the Ayot Greenway, with the exception of stepped banks used to access Wheathampstead Bridleway 018 and Wheathampstead Bridleway 011, and some steps used to access Wheathampstead Footpath 084.

2.6.6 Signage, Interpretation, and Leaflets

There are various fingerposts along the route; blue cycle route signs for the National Cycle Network and connecting routes, Rights of Way signs and some additional routed wooden signage. National Cycle Network routes 57 and 12 are also signed in places with small blue markers or stickers on way markers and signposts.

There is a lack of entrance signage at either end of the Ayot Greenway, however large wooden finger posts are located at certain strategic positions along the route at various entrances.

Historic interpretation panels are located at the western end of the route in Wheathampstead, where a wind-up audio feature no longer works, by the Ayot St. Peter entrance, and near Reddings where Welwyn Garden City bridleway 013 meets the route.

An <u>Ayot Greenway leaflet</u> exists in PDF form which details the whole route, including a brief history and what to see and do along the route. The Ayot Greenway is also included on the <u>Hertfordshire Cycling Map for Recreation and Commuting</u>.

2.7 Community, Management, and Events

The Ayot Greenway has three landowners (shown on the following map). At the Western End, Tarmac Ltd own and manage 0.4km between Sheepcote Lane and Blackbridge.

The 3.3km section between Blackbridge and Ayot St Peter Road and the 1.5km section which runs through Sherrardspark Wood to Digswell Road in Welwyn Garden

City is owned and managed by HCC as part of its Rural Estates. This has been used for active travel and recreation since the closure of the Welwyn Garden City to Luton and Dunstable line in 1965.

A 0.9km on-road section follows National Cycle Network Route 12 from Ayot St. Peter Road and heads south to cross the A1(M) and Digswell Hill (B197) before linking to Sherrardspark Wood.

Welwyn Hatfield Borough Council own the 0.3km section starting at the Sherrardspark Wood entrance off Digswell Hill before joining up with the land owned by HCC. They also own another short stretch of track heading east along Ayot St Peter Road where the car park is located.

At the Wheathampstead end, a 1.3km off-road route links to Mount Road following National Cycle Network Route 57. At the Welwyn Garden City end, a 0.6km on road route links to the Parkway following National Cycle Network Route 12 via Bridge Road, Handside Lane and Russelcroft Road.

The Ayot Greenway is split between St Albans and Welwyn Hatfield districts, and between two town and parish councils: Wheathampstead and Ayot St Peter.

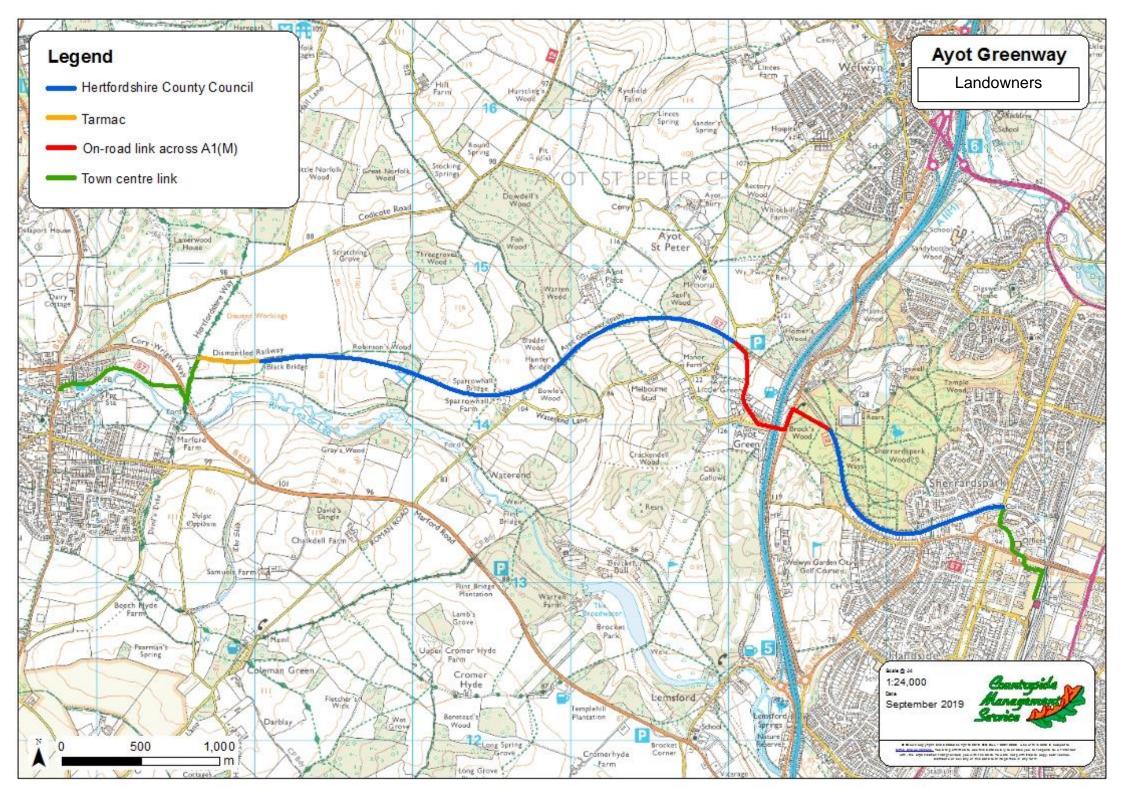
This is the second management plan to be produced for the route, and is being produced in consultation with relevant stakeholders, including:

- Hertfordshire County Council
- St Albans City and District Council
- Welwyn Hatfield Borough Council
- Wheathampstead Parish Council
- Ayot St Peter Parish Council
- Ayot St Lawrence Parish Council
- Hatfield Civil Parish
- Welwyn Civil Parish
- Natural England
- Hertfordshire and Middlesex Wildlife Trust
- Hertfordshire and Middlesex Butterfly Conservation
- Hertfordshire and Middlesex Bat Group
- Hertfordshire Local Access Forum
- British Driving Society
- British Horse Society
- Cycle Herts
- Welwyn Wheelers
- South Herts Cyclists
- St Albans Cycle Campaign
- WelHat Cycling
- Sherrardspark Wood Wardens

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- Ramblers Association
- St Albans and District Footpath Society
- Sustrans
- Tarmac Ltd
- Hertfordshire Association for Local History
- Hertfordshire Natural History Society
- Wheathampstead History Society
- Welwyn Natural History Society
- Wheathampstead and District Preservation Society
- Neighbouring landowners and the local community

The Ayot Greenway is a popular route, used by various user groups – for walking, running, cycling, and horse riding. There is occasional volunteer involvement in its management, including tasks undertaken by practical conservation volunteers managed by the Countryside Management Service, litter picking organised by local parish councils.



3.0 ANALYSIS AND EVALUATION

3.1 A Functional Multi-User Route



Image of the Ayot Greenway surface in the sections owned by HCC.

The sections of the Ayot Greenway owned by HCC were resurfaced in full between 2021 and 2022, with improvements to drainage along the route where previously affected by mud and surface water. Further improvements to the drainage were carried out in 2024. The route now has a surface suitable for year-round use for active travel and recreation. The condition of the surface and drainage structures should be reviewed annually, and maintenance or repairs undertaken if necessary.



Image of part of the section of the route managed by Tarmac Ltd.

The section of route managed by Tarmac Ltd has an older unbound aggregate surface, which in many places is covered by organic material. It would be desirable to resurface and widen to at least 3m along its full length in line with LTN1/20 cycle infrastructure design guidelines to allow for safe and functional shared use.

Regular routine maintenance will include a programme of vegetation cutting along the margins of the HCC-owned section of the route, to keep the full width of the path and access points, as well as signage and furniture, free from encroaching vegetation throughout the year. The margins of the path will continue to be cut annually in September.

A path corridor which is at least 4m high and extends 1m to either side of the track should be kept free of vegetation, and small-scale vegetation management should be undertaken when required to maintain this, along with larger scale clearance of encroaching scrub or low branches along the whole route every five years.

Accumulated mud on the crushed concrete surfacing should be scraped off every ten years, starting in year 6 of this management plan, subject to available funding.



Image showing directional signage in disrepair.

Signage along the Ayot Greenway, including at its access points and off site along the National Cycle Network route, are in disrepair and inconsistent with other railway routes across the county. Funding should be sought to create a brand in keeping with those such as the Cole Green Way and replace and replenish the signage along the length of the route.

3.2 User Experience and Promotion



Image of the existing interpretation on the Ayot Greenway

The user experience of the Ayot Greenway has been greatly improved in the last five years, most importantly by the improvements to the route itself described in 3.1. A stronger identity for the Ayot Greenway would help to further improve these gains, producing a logo and consistent branding of new entrance signage and interpretation that link this route with others of its kind. The design and installation of new map-based orientation panels along the route will help new visitors understand the route of the Ayot Greenway and provide information on the historical significance and value to wildlife of the route. These will replace the older, outdated looking interpretation currently on the route.



Image of a rotten bench requiring replacement.

Furniture provision along the route should be reviewed again, including older furniture, which is now in disrepair and requires replacement, as well as gaps in provision which should be filled. Any new furniture should be in keeping with the styles seen on other similar routes, such as the Cole Green Way, to create a consistent brand across the old railway sites.



Images of broken railway-style waymarking posts.

Two railway-style waymarking posts have rotted away at the base and collapsed. These should be removed and replaced, to aid visitors in navigating along the route, as well as signposting the Rights of Way that cross the route. In the shorter term, these should be replaced with simple timber waymarking posts, with a view to in the future commissioning the railway style design posts to be remade.

The Ayot Greenway has also been promoted in the media through social media as the improvements mentioned above were implemented and celebrated. Promotion of this and other active travel routes across Hertfordshire should continue through the Council's social media channels.

3.3 Funding, Implementation, and Financial Sustainability

The actions delivered through the previous plan attractive substantial external funding, including from Sustrans and S106 funds, and were also supported by capital funding by the Council. Where funding opportunities arise for delivery of works identified in the plan, these should continue to be taken. This could include direct contributions through the S106 process, as well as the potential for Lottery Heritage Funding. Those actions identified in the action plan as requiring external funding will only be achievable if this funding can be secured.

Where feasible, the costs of vegetation management along the route should be offset by the sale of timber. This will not be sufficient to make such works cost neutral, but should reduce the total cost of the work. Pre-planning tree works in larger sections will create a more commercially viable product.

Enabling volunteers to contribute to the management of the Ayot Greenway wherever possible will reduce the cost implications of some of the actions proposed. Tasks

which are well-suited to volunteers include scrub management, hedgerow restoration, installation of signage and furniture, and litter picking.

3.4 Heritage and Wildlife Conservation

3.4.1 Heritage

The former goods yard contains the foundations of a number of buildings; however, these have deteriorated significantly over the years and should not be exposed any further. At the south end of the station there are two sets of surviving crossing gate posts, these heritage features are in good condition and would benefit from light maintenance of surrounding scrub so that they are not lost to encroaching vegetation.



Image of one of the two remaining crossing gate posts at Ayot Station

We will continue to work with local history groups and knowledgeable individuals on the Ayot Greenway to ensure any improvements are appropriately maintained and any further opportunities to restore or celebrate the heritage are explored and delivered, subject to available funding.

3.4.2 Wildlife Conservation

The primary conservation value of the Ayot Greenway is as a wildlife corridor, and this feature of the site should continue to be maintained. A proactive programme of rotational woodland and vegetation management was initiated in the previous plan period and will contribute to the development and maintenance of the secondary woodland and scrub habitats which predominate, encouraging a diverse age structure in vegetation. Habitat management also aims to maintain or enhance light levels along the verges, to help maintain these floristically rich verges which prompted the designation of the Ayot Greenway as a Local Wildlife Site. Additional benefits of this work are to maintain the functional width of the path, to improve the user experience

and feeling of safety, and to maintain screening of the path from properties which are adjacent to the route.

Rotational coppicing of scrub by volunteers should continue to retain this valuable and attractive habitat and establish more open and sunny areas along the route. All works carried out along the route should consider the requirements of protected and priority species, including bats, badgers, great crested newts, and nesting birds.

Non-native species are not prominent along the route. Where spotted these should be dealt with and monitored to avoid spread.

3.5 Safety and Security

The Ayot Greenway must provide a safe, high-quality route for all user groups. This is best achieved by maintaining its status as an unsegregated, shared use route, which is the best option to encourage more considerate, less territorial behaviour by path users. No user group is given priority over another. Shared use signage should be installed along the route to emphasis this point, in keeping with the style installed at Cole Green Way and other old railway routes in the County.

The minimum surfaced route along the full length of the route should be 3m, which a 1m verge either side. However, there is little flexibility in the width of the Ayot Greenway, and the available surfaced width does fall short of 3m in some locations.

Access controls are located at most entrances to the Ayot Greenway. The primary aim of such controls is to restrict illegitimate use while avoiding any impact on legitimate users. The preferred access control structure is a simple row of bollards with a spacing of 1.5m, to prevent access by unauthorised motor vehicles but allow easy access for users such as mobility scooters and horse riders.

While larger motor vehicles can be easily excluded from the route, it is very difficult to physically restrict motorbikes or quadbikes, which are no wider than legitimate users. This is particularly difficult due to the length of the Ayot Greenway and the number of potential access points. Illegitimate users should instead continue to be discouraged by signage and reported to the police when observed by calling 101, to help the police build a log of incidents and respond appropriately. HCC does not have the resources to regularly patrol the route and relies of the communities along the route to report any kind of misuse.

The feeling of safety for site users can be affected by factors such as light levels and signage. While artificial lighting would be inappropriate on such a rural route and have a detrimental effect on some of its wildlife, the woodland and vegetation management aims to allow more natural light into the path and create a more welcoming environment. Signage will also be updated to provide clear information on exit points and distances, giving users more confidence that they would be able to leave the route in an emergency.

Tree safety surveys are undertaken every three years on the Ayot Greenway, and recommendations implemented. Reactive tree works are undertaken whenever a safety issue is identified.

3.6 Community Involvement and Onward Connections

While there is no formal Friends Group for the Ayot Greenway, there is volunteer involvement in its management. Local practical conservation volunteers have been and will continue to be engaged to work along the route where management objectives can be achieved, for example coppicing scrub or installing benches. We will also continue to engage knowledgeable and enthusiastic local people in the restoration and maintenance of the railway heritage of the Ayot Greenway.

While the County Council controls most of the route, to maximise the impact of this plan and ensure that the full length of the route is in positive management it is vital that Tarmac Ltd and other private landowners are engaged. Tarmac Ltd are supportive of the process and prepared to consider recommendations which emerge from this plan.

Works identified in the action plan for land outside the control of the County Council are recommendations only.

Whilst this document focuses on the Ayot Greenway itself, for the route to be wellused for active travel and recreational cycling it depends on having clearly defined and safe cycle routes into Welwyn Garden City and Wheathampstead.

4.0 AIM & OBJECTIVES

The aim and objectives of the management and maintenance plan are as follows:

- A. To maintain the Ayot Greenway as a core component of Hertfordshire's strategic non-motorised transport network.
 - A1 Maintain the surface of the route to enable use throughout the year by all user groups.
 - A2 Maintain drainage along the route.
 - A3 Maintain access points that are welcoming and suitable for users of all abilities.
 - A4 Install appropriate and attractive signage to, from, along, and at the entrances to the route.
 - A5 Establish links to the wider green infrastructure network, businesses and schools, residential areas, public transport, shops, local amenities, and local green spaces.
 - A6 Remove graffiti and fly-tipping.
 - A7 Carry out regular litter picking and small-scale vegetation management.
 - A8 Maintain regular vegetation cutting along the margins of the route.

B. To increase use of the Ayot Greenway for both active travel and recreation.

- B1 Develop and implement a promotional strategy to increase awareness and usage of the route.
- B2 Provide appropriate and relevant interpretation to enhance the visitor experience.
- B3 Improve provision of seating and maintain seats, benches, and picnic tables in a consistent style.
- B4 Distribute the Ayot Greenway leaflet widely.
- B5 Use Ayot Greenway branding to maintain a recognisable and consistent image for the route.
- C. To ensure financial sustainability of all management operations on site.
 - C1 Ensure ongoing maintenance costs remain financially sustainable.
 - C2 Support any further improvements to the route by securing external capital investment.

- C3 Offset vegetation management costs through production and sale of timber where feasible.
- D. To protect and enhance the natural environment and heritage of the Ayot Greenway
 - D1 Celebrate the historic features associated with the former Welwyn Garden City to Wheathampstead branch line along the route.
 - D2 Undertake proactive rotational woodland and vegetation management along the route to secure the future of high-quality habitats and strengthen the continuity of vegetation.
 - D3 Work to enhance key habitats and secure priority species found along the route.
 - D4 Reveal the surviving features of Ayot Green Station to celebrate the heritage of the site.

E. To ensure that users of the Ayot Greenway feel safe and welcome at all times.

- E1 Ensure that the Ayot Greenway provides a safe, high-quality route for all user groups.
- E2 Respond proactively to any misuse of the site.
- E3 Carry out reactive tree works to address safety issues.

F. To develop and maintain an informed, involved, and enthusiastic local community.

- F1 Engage the local community in the development of the Management and Maintenance Plan to build understanding and support for the plan, enabling stakeholders to shape and influence the outcomes.
- F2 Enable the local community to contribute to the management of the Ayot Greenway in a structured and supported way and ensure all involved operate towards achievement of the objectives in this plan.
- F3 Work with relevant private landowners to ensure that the full length of the route is in positive management.

5.0 ACTION PLANS AND MAPS

5.1 ANNUAL AND REGULAR ACTIONS

Ref no.	Action	Obj. Ref	When	Lead	Delivery	Funding	Est. Cost	Spec. Ref.
0.1	Tree Safety Survey		Every Three Years	HCC RE	HCC RE	Officer Time		
0.2	Carry out an annual inspection of the surface, drainage, and signage and identify any maintenance requirements.	A1 / A2 / B2	Annual	HCC RE	HCC RE	Officer Time		
0.3	Remove any graffiti or fly tipping when reported.	A6	Ongoing	HCC RE	HCC RE	Maintenance Budget		
0.4	Carry out small scale vegetation management as required.	A7	Ongoing	HCC RE	HCC RE	Maintenance Budget		
0.5	Carry out regular litter picking around Ayot Station car park.	A7	Ongoing	HCC RE	HCC RE	Maintenance Budget		
0.6	Carry out regular litter picking around informal layby on Cory Wright Way.	A7	Ongoing	Tarmac	Tarmac	n/a		
0.7	Continue regular vegetation cutting along verges in HCC management.	A8	Ongoing	HCC RE	HCC RE	Maintenance Budget		
0.8	Undertake regular vegetation cutting along verges between Sheepcote Lane and Blackbridge Tip	A8	Ongoing	Tarmac	Tarmac	n/a		
0.9	Routinely manage vegetation around car park perimeter	A8	Oct-Feb	HCC RE	HCC RE	Maintenance Budget		
0.10	Promote the Ayot Greenway using social media and promotional events/press releases.	B1	Ongoing	CMS	CMS	Officer Time		

Ref no.	Action	Obj. Ref	When	Lead	Delivery	Funding	Est. Cost	Spec. Ref.
0.11	Seek external funding to implement Management and Maintenance Plan.	C2	Ongoing	CMS	CMS	Officer Time		
0.12	Maintain 'no motor vehicle' signage at all main entrances.	B2	Ongoing	HCC RE	HCC RE	Maintenance Budget		
0.13	Carry out reactive tree works to address any safety issues.	E3	Ongoing	HCC RE	HCC RE	Maintenance Budget		
0.14	Engage volunteers where appropriate in practical conservation and heritage projects	F2	Ongoing	CMS	CMS Volunteers	Officer time		

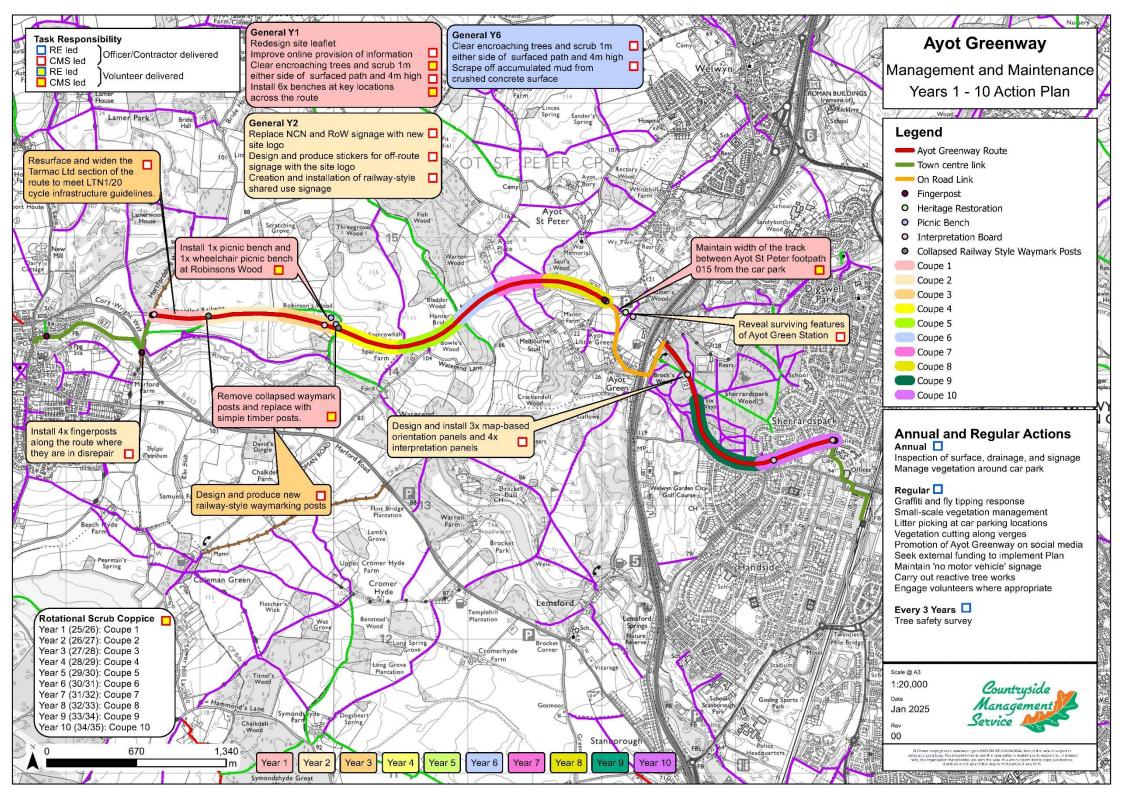
Abbreviations: CMS: Countryside Management Service, HCC RE: Hertfordshire County Council Rural Estates Department

5.2 YEARS 1-10 2025-2035

Ref no.	Action	Obj. Ref	When	Lead	Delivery	Funding	Est. Cost	Spec. Ref.
1.1	Re-design site leaflet to match those created for the Cole Green Way and Alban Way.	B4	Year 1	CMS	CMS	External	£3,000	12
1.2	Improve online provision of information on the Ayot Greenway.	B1	Year 1	CMS	CMS	Officer Time	Officer Time	
1.3	Maintain width of the track which heads towards Ayot St Peter Footpath 015 from the car park.	A8	Oct – Feb Year 1	CMS	CMS volunteers	Officer time	Officer Time	1
1.4	Clear encroaching trees and scrub to 1m either side of surfaced path and 4m high.	A8	Oct – Feb Year 1	CMS	Contractor	External	£5,000	2
1.5	Install 6x benches at key points along the route	B3	Year 1	CMS	Vols	External	£2,000	4
1.6	Install wheelchair accessible picnic bench in Robinsons Wood	B3	Year 1	CMS	Vols	External	£1,000	5
1.7	Install picnic bench in Robinsons Wood	B3	Year 1	CMS	Vols	External	£900	5
1.8	Coppicing of scrub in Coupe 1	A8	Year 1	CMS	Vols	Officer Time	Officer Time	13
1.9	Remove and replace collapsed way markers.	A4	Year 1	CMS	Vols	Officer Time	Officer Time	14
1.10	Design and install 3x map-based orientation panels and 4x interpretation panels	B3	Year 2	CMS	Contractor	External	£11,000	6
1.11	Install 4x fingerposts along the route	A4	Year 2	CMS	Contractor	External	£2,000	7

Ref no.	Action	Obj. Ref	When	Lead	Delivery	Funding	Est. Cost	Spec. Ref.
1.12	Replace NCN and RoW signage	A4	Year 2	CMS	Contractor	External	£1,000	8
1.13	Design and produce stickers of branding off-route signage with logo	A4/A5	Year 2	CMS	Contractor	External	£500	9
1.14	Reveal surviving features of Ayot Green Station	D4	Year 2	CMS	Contractor	External	£5,000	10
1.15	Creation and installation of railway style shared use signage	E1	Year 2	CMS	Contractor	External	£1,000	11
1.16	Coppicing of scrub in Coupe 2	A8	Year 2	CMS	Vols	Officer Time	Officer Time	13
1.17	Coppicing of scrub in Coupe 3	A8	Year 3	CMS	Vols	Officer Time	Officer Time	13
1.18	Resurface and widen the Tarmac Ltd section of the route to meet LTN1/20 cycle infrastructure guidelines.	A1	Year 3	CMS / Tarmac	Contractor	External	Tarmac	15
1.19	Design and produce new railway style waymarking posts to replace the previous ones.	A4	Year 3	CMS	Contractor	External		14
1.20	Coppicing of scrub in Coupe 4	A8	Year 4	CMS	Vols	Officer Time	Officer Time	13
1.21	Coppicing of scrub in Coupe 5	A8	Year 5	CMS	Vols	Officer Time	Officer Time	13
1.22	Coppicing of scrub in Coupe 6	A8	Year 6	CMS	Vols	Officer Time	Officer Time	13
1.23	Clear encroaching trees and scrub to 1m either side of surfaced path and 4m high.	A8	Oct – Feb Year 6	CMS	Contractor	External	£5,000	2

Ref no.	Action	Obj. Ref	When	Lead	Delivery	Funding	Est. Cost	Spec. Ref.
1.24	Scrape off accumulated mud from the crushed concrete surface	A1	Oct – Feb Year 6	CMS	Contractor	External	£10,000	3
1.25	Coppicing of scrub in Coupe 7	A8	Year 7	CMS	Vols	Officer Time	Officer Time	13
1.26	Coppicing of scrub in Coupe 8	A8	Year 8	CMS	Vols	Officer Time	Officer Time	13
1.27	Coppicing of scrub in Coupe 9	A8	Year 9	CMS	Vols	Officer Time	Officer Time	13
1.28	Coppicing of scrub in Coupe 10	A8	Year 10	CMS	Vols	Officer Time	Officer Time	13



6.0 SPECIFICATIONS

1. Coppice scrub							
	Coppice scrub in widely-spaced 25m blocks, alternating between the north and south sides of the route.						
Design	 Aim for a period of rotation of 25 years to maintain this habitat. 						
	All cut material to be removed from the site.						
When	 All scrub work to be undertaken between October and February to avoid the bird nesting season. 						
Who	HCC Rural Estates						

2. Clear encroaching trees and scrub						
	 Re-establish a universal minimum standard of maintenance along the Ayot Greenway. 					
Design	• Keep a minimum of 4m height and 1m on either side of the surfaced path free from encroaching vegetation.					
	This includes all access points to the route.					
When	All tree and scrub work to be undertaken between October and February to avoid the bird nesting season.					
Who	HCC Rural Estates					

3. Removal of soil and leaf litter							
	 Scrape off accumulated soil, leaf litter, and other organic debris to take the path back to an original surfaced width or to the grass verge, whichever is narrower. 						
	Take care to minimise damage to that surface.						
	 In cuttings, collect spoil and remove it from the site, disposing of it in a safe, appropriate, and legal manner. 						
Design	 Along flat sections and on embankments, spoil may be spread evenly on either side of the path. Take care not to deposit soil on the grass verges, in locations where it is likely to wash back onto the track, or on banks where it is likely to wash out onto other land holdings. 						
	 Regrade and roll existing surface material as necessary to leave an even and firm finish. 						
Who	CMS to lead delivery by contractor.						

4. New and replacement seats	
	Sleeper style benches x6
Design	 Simplistic bench design in similar style to <u>Farington Bench</u> <u> Timber Benches and Seats Broxap</u> in keeping with the rural nature of the routes.
	 FSC treated softwood with root fixings.
	 To be approx. 1800mm x 219mm x 450mm and root length 300mm.
	• To be delivered to CMS for installation by volunteers.
Who	CMS to procure, volunteers to install

5. Picnic benches	
	Picnic bench x1
	 A simple and natural looking picnic bench in a similar style to <u>Land Picnic Bench Street Furniture</u> in keeping with the rural nature of the routes.
	 FSC Treated Softwood with root fixings.
	 To be approx. 2000mm x 1700mm x 725mm with a seat height of 450mm.
Design	• To be delivered to CMS for installation by volunteers.
Design	Wheelchair picnic bench x1
	 A simple and natural looking picnic bench in a similar style to <u>Wheelchair Accessible Land Picnic Bench</u> in keeping with the rural nature of the routes
	 FSC Treated Softwood with root fixings.
	 To be approx. 2600mm x 1700mm x 725mm with a seat height of 450mm
	• To be delivered to CMS for installation by volunteers.
Who	CMS to procure, vols to install.

6. Interpretation	
	Map Based Information and Orientation Panels
Design	 Design, produce and deliver three identical (with the exception of 'you are here markers) A2 orientation panels which provide information for visitors on the route of the

	Ayot Greenway along with its key features, and provide PDF version of the same.
	 To include a computer-generated map of the Ayot Greenway in a similar style to the panels produced for Cole Green Way and Alban Way
	 The design of the panel can be bespoke and does not need to follow the design of the Alban Way or Cole Green Way panels
	• Text, logos, and photographs to be supplied by the client.
	 Provide two proof stages of full colour panel design in hard copy and PDF format.
	 Supply a lectern frame of the same design used on the Alban Way in a black powder-coated stainless steel.
	Deliver to CMS.
	Interpretation Panels
	• Design, produce and deliver four different A2 interpretation panels identifying key points along the route with distance information, suggesting alternative options for walking, cycling, riding, and driving in the area, as well as providing some information on the historical significance and value to wildlife of the route.
	 The design of these panels should follow the design of the orientation panels.
	• Text, logos, and photographs to be provided by the client.
	 Provide two proof stages of full colour panel design in hard copy and PDF format.
	 Supply three oak lectern structures, in the format of the panel set between two vertical oak posts.
	Deliver to CMS.
Who	 CMS to lead, design and production by contractor, installation by volunteers.

7. Fingerposts		
Design	 Design and produce four fingerposts. 	
	 Supply four wooden fingerposts of green English oak, with a smooth sanded natural finish. 	
	 The dimensions of each post should be length 2400mm x width 100mm x depth 100mm with a four-way weathered top 	

	 Wooden fingers should be routed with text on both sides and infilled with white paint appropriate for external use.
	 Provide a proof stage of the design prior to production.
	Deliver to CMS.
Who	 CMS to lead, design and production by contractor, installation by volunteers.

8. NCN Signage	
Design	 Install replacement or new blue NCN signage at the appropriate locations as detailed on the Action Plan map.
	 All signage to include new Ayot Greenway logo, symbols for cyclists and walkers, and indication of NCN routes 57 and 12 where appropriate.
Who	CMS to procure, contractor to deliver.

9. Logo Stickers	
Design	 Design a logo for the Ayot Greenway in a similar style to that used in the Cole Green Way and Alban Way based upon its railway heritage. Provide two proof stages, if required, prior to completion. Provide full colour and black and white versions of the logos in PDF format and a format suitable for use by sign makers. Produce stickers using the logo to be placed on existing signage.
Who	CMS to procure, contractor to deliver.

10. Reveal surviving features of Ayot Green Station	
Design	 The majority of Ayot Station was demolished save for two sets of crossing gate posts in the south end of the station, and to the north of the crossing, the foundations of a number of buildings, including the signal box, found in the former goods yard. Maintenance of surrounding scrub to protect from encroaching vegetation around the crossing gate posts.



11.Railway	Style Shared Use Signage
Design	 Design shared use signage for each route in the style of the Cole Green Way, representative of the style and font of historic railway signage. Sign to be headed with the site logo. Sign to be titled with 'SHARE WITH CARE' Below a long there should be two additional messages: 'please keep dogs under control and help us by disposing of their waste at home' and 'no motor vehicles'. To include the symbols for the users allowed on each route, i.e. pedestrian, cyclist, and horse-rider. All symbols should echo the historic style. Provide two proof stages of design in PDF format. Provide final version of the sign in PDF format and a format suitable for use by sign makers.
Who	CMS to procure, contractor to deliver

12. Site Leaflet		
Design	 Creation of leaflet in the same style and design as that seen for the Cole Green Way, CMS to provide reference. Redesign and produce site leaflet showing the historical and wildlife significance of the site, as well as the possible routes people can take. The design of the leaflet should follow the design theme used in the orientation panels. Text, logos, and photographs to be provided by the client. Provide two proof stages prior to completion. Provide full colour and black and white versions of the leaflet in PDF format and a format suitable for use by printshops. 	
Who	CMS to procure, contractor to deliver	

13. Coppicing of Scrub	
Design	 Coppice scrub in widely spaced 25m blocks within each coupe, alternating between the north and south sides of the route. Aim for a period of rotation of 25 years to maintain this habitat. All cut material to be removed from the site. All scrub work to be undertaken between October and February to avoid bird nesting season.
Who	CMS to lead, work to be completed by volunteers.

14.Replacement of Railway-Style Waymarking Posts		
Desig n	 Removal of rotted posts and disposal off site. Initial installation of simple timber posts with waymarking discs attached. Design and production of railway-style signage in black and white painted timber in the style of existing waymarking signage on site. 	

	<u<image> •</u<image>
Who	 CMS to lead, design and production by contractor, installation by volunteers.

15. Resurfacing of Tarmac Ltd Section			
Design	 Applicable to the section owned by Tarmac Ltd Install crushed stone, unbound surface with a width of 3m wherever possible. Scrape any organic material back to the edges of the path. Regrade material to fill any hollows and roll to ensure an even, firm base. Lay surface according to its specific requirements. 		
Who	Tarmac Ltd		