

ITEM: SECURE BIKE STORAGE FOR RESIDENTIAL STREETS

Report Author: Gordon Oliver **Position:** Principal Transport Planner

1. Purpose of the Report

- 1.1 **This report sets out a proposal for RBWM to provide secure, covered on-street cycle parking in residential streets to cater for the needs of residents who are unable to store bikes at their properties.**

2. Supporting Information

Background

- 2.1 The draft Cycling Action Plan identifies the need to provide secure on-street parking in residential areas to cater for the needs of residents who do not have the space to store bikes within their homes or where the terms of the lease expressly forbid the storage of bikes within their property. This can be a particular issue for residents living in Victorian terraced streets and flatted developments that pre-date the requirement for dedicated cycle parking to be provided.
- 2.2 Provision of on-street cycle parking can help to encourage residents to cycle more for everyday journeys, such as commuting journeys, the school run and shopping trips, since it facilitates the ownership and use of bikes.
- 2.3 While traditional on-street cycle stands are good for short-stay cycle parking in town centres and at local shops, they are not suitable for long-term parking by residents, since bikes are not protected from adverse weather conditions and may be vulnerable to vandalism or theft, particularly where thieves notice that they are unattended for long periods of time. More secure, covered cycle parking is therefore needed where bikes are to be stored on-street in residential areas.
- 2.4 RBWM is aware of two secure, covered, on-street cycle parking products, namely bike hangars / shelters produced by Cyclehoop and Asgard. Summary information about each is provided in Table 1 below, with additional information provided in Appendix 1.
- 2.5 Both products can be installed on any suitably sized hardstanding area or at the edge of the carriageway if within an area of on-street parking. Two Cyclehoop units or four Asgard units can be fitted within a single 2.4m x 6m parking space, both providing capacity for 12 bikes.
- 2.6 While both units can accommodate most standard bikes, they cannot accommodate larger / more unusual cycles such as trikes, or bikes with trailers, tag-alongs or child seats attached. Also, the spacing between bikes is very narrow, so users may not be able to leave panniers attached to their bikes.

Table 1: Secure Bike Storage Summary Information

	Cyclehoop Bikehangar	Asgard Bike Shelter
Capacity	• 6 cycles	• 3 cycles
Dimensions (L x B x H)	• 2.55m x 2.03m x 1.365m	• 1.35m x 2.0m x 1.38m
Frame	• Galvanised steel	• Galvanised steel
End panels	• Perforated galvanised steel	• Perforated galvanised steel
Door	• Curved door with gas operated struts	• Gull-wing door with gas operated struts
Security	• Key operated lock	• Key operated lock
Cycle stands	• 6 wheel-grabbers plus 3 half-width stands	• 3 wheel-grabbers with wheel channels and locking hoops
Unit cost	• £2,850 + VAT*	• £1,200 + VAT*
Installation cost	• £400 + VAT	• £150 + VAT
Fully managed solution	• Yes	• Yes
Annual user charge	• £72	• £50
Key deposit	• £25	• £20

**Discounts are available for bulk purchases of 10 or more units*

- 2.7 Users can lock their bikes to stands / hoops within the unit – this provides additional security over and above the main lock on the hangar door. The units are robust and vandal-resistant and come with up to a 10-year warranty.
- 2.8 Both suppliers offer fully managed solutions, dealing directly with customers to: log requests; take deposits and annual fees; issue keys; handle queries; and undertake maintenance.
- 2.9 Local authorities are responsible for providing initial capital funding and on-going revenue funding for maintenance, and for making decisions about where new facilities are to be provided and how spaces are allocated. Decisions may take account of factors such as:
- the number of requests received in the local area;
 - the availability of suitable locations;
 - demand vs supply for on-street parking in the area;
 - the availability of cycle parking at the applicant's property;
 - the potential for the applicant to cycle more often as a result of having a secure parking space;

- evidence of support from other residents and ward councillors.

2.10 The timescale for getting a secure cycle storage unit installed can be quite long. All sites require an initial site visit to determine if it is feasible to provide one in the requested location or a nearby site. For feasible sites, consultation with local ward councillors and residents is required to gauge support for the scheme. This may need to be followed up with a second, formal consultation if the scheme requires changes to parking restrictions. If the installation involves the loss of car parking in an area where there is already a shortage of parking, then it will be less likely to command local support.

2.11 The Royal Borough of Windsor and Maidenhead has not yet formally invited applications for on-street cycle stores, but there has already been interest from residents living in central parts of Windsor and Maidenhead. Therefore, it is proposed to seek a small budget of £12,000 for a pilot project as part of the 2019/20 Cycling Capital Programme and to invite applications to test the level of demand.

3. Recommendations

3.1 It is recommended that the Cycle Forum notes the content of this report and endorses the proposal to seek £12,000 to fund a pilot project as part of the 2018/19 Cycling Capital Programme for a trial of secure, on-street cycle parking in residential areas.

APPENDIX 1 – BIKE STORAGE DETAILS

Bikehangar

Secure, easy to use and easy to install

Designed and manufactured by Cyclehoop, the Bikehangar offers a secure solution to long-term cycle parking and an effective way to protect bikes from tough weather conditions and vandalism. This award-winning product stores six bikes within half the space of a car parking bay, making it ideal for areas where outdoor cycle storage space is necessary. Our Bikehangar illustrates secure cycle parking standards in the TFL London Cycle Parking Design Standards manual.

Cyclehoop can work with your organisation or local council to provide a fully managed cycle parking rental scheme.

For more details visit: www.cyclehoop.rentals

Specification

2550 × 1365 × 2030mm

Galvanised steel frame, Gas sprung door

Provides a safe and dry storage space for up to six bicycles

Can be placed in half a parking space

Space for optional branding

Optional powder coating or custom vinyl available

Optional background colour available for instruction vinyl sticker

Optional annual maintenance services available

Made in Britain



H2Asgard Secure Bike Store

ON-STREET MANAGED BIKE HANGERS
KEYLESS & BLUETOOTH ACCESS



SECURELY STORE UP TO 9 BIKES* IN 1 CAR PARKING SPACE WITH H2ASGARD BIKE HANGER

FEATURES & BENEFITS

- Full Managed Service which includes registration, payment, deposit, web portal, cleaning and servicing.
- Ability to access the units with a key fob or Bluetooth access.
- Greater control over who has access in case of members that do not return keys.
- Side panels made from sheet steel and not light-weight mesh which can be accessed using bolt cutters.
- Provides a safe and secure storage space.
- Pick and drill resistant lock. 6 pin cylinder, BSEN 1303 Grade Classification. 15000C5 2.
- Modular - Each unit holds 3 bikes, users only need to share with 2 of their neighbours.
- Asgard installation and maintenance team
- Greater flexibility as 3 Bike Hangars can comfortably fit in one car parking.

For more information on our H2Asgard Bike Hanger, contact Asgard on:

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