

COVERED BIKE PARKING

9/22/16



Weather protected	Protected from snow, rain, and/or direct sunlight.
High capacity parking	Space efficient bike parking, in vertical or stacked configurations.
Long term parking	Secure parking for overnight storage.
Key controlled access	Access to an enclosed room, cage, or structure, controlled by user assigned keys.
Low visibility	Bikes stored in a location with limited or no visibility to the public.
Video monitoring	CCTV monitoring for additional security.
Staffed monitoring	The parking area is staffed by an attendant who provides security. Staffed areas may also offer maintenance/repair services.
Shower facilities	On site facilities for showering and changing. May also include locker space.



- 🚲 Walled or partitioned enclosure with key controlled access
- 🚲 Freestanding structure or a walled enclosure within a building
- 🚲 Offers high capacity parking and secure long term parking
- 🚲 Can accommodate value added services such as bicycle repair, shower facilities, locker rentals
- 🚲 Cost varies from \$35,000 (36 bikes) per structure, up to \$4.5 million (100+ bikes, with added services)

Top: Bike depot at NJ TRANSIT Bay Street Station, Montclair, NJ



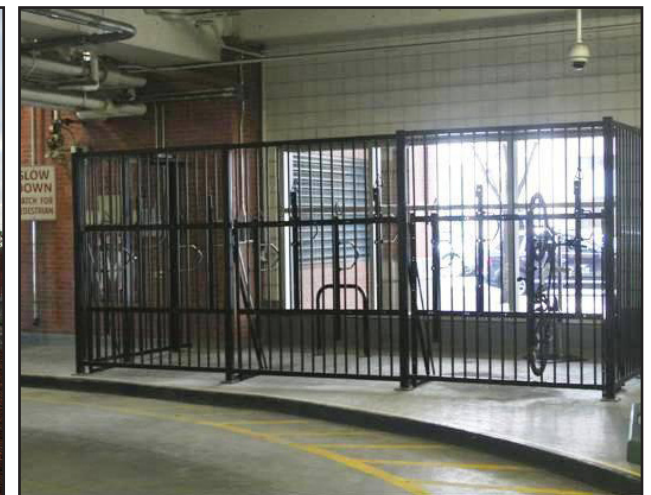
Left: Proposed bike station at NJ TRANSIT Summit Station, Summit, NJ
 Right: Bikestation at Union Station, Washington, DC

- 🚲 Caged enclosure with key controlled access
- 🚲 Freestanding structure or an enclosure within a building
- 🚲 Offers high capacity parking and secure long term parking
- 🚲 Costs start from \$3,000 for a 12' x 16' cage and locking door
- 🚲 Costs are comparable to a bike station if a freestanding structure is needed

Left: Bike cage in apartment building,
Mountain View, CA



Left: "Parkiteer" bike cage,
Victoria, Australia
Right: Bike cage at transit station,
Calgary, Canada





- 🚲 Individual parking spaces covered on all sides, accessed by a key controlled door
- 🚲 Commonly found in a rectangular configuration (2 bikes) but also in pie shapes or vertical configurations (1 bike)
- 🚲 Offers secure long term parking
- 🚲 Locker contents are not visible to public view

Top: Lockers at NJ TRANSIT Metropark Station, Metropark, NJ



Left: Pie shaped bike locker by Dura Bike Locker

Right: Vertical bike locker by Madrax

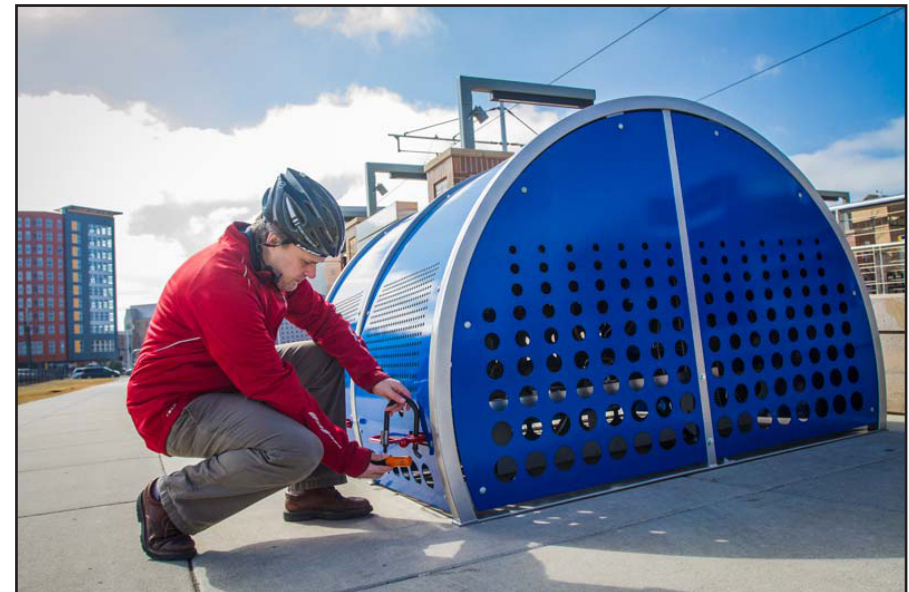
- 🚲 Similar to traditional lockers, parking spaces are covered on all sides and accessed by a key controlled door/lock
- 🚲 Offers secure long term parking
- 🚲 Locker contents are not openly visible, but may have vents or mesh to allow security and maintenance personnel to see inside



“BikeLid” by Bikelid



“Cycle Hangar” by CyclePods



“Veloport” by Dero



- 🚲 Roof/canopy, or roof/canopy in combination with walls
- 🚲 Offers protection from rain, snow, and direct sunlight
- 🚲 Easy to access and use - no keys or registration required

Top Left: Bike shelter with vertical bike racks
 Top Right: Bike shelter at NJ TRANSIT Atco Station, corrugated metal roof



Bottom Left: Bike shelter with vertical bike racks
 Bottom Right: Vertical bike locker by Madrax

- 🚲 If located under an existing overhang or overhead structure, standard bike racks can offer weather protection
- 🚲 Easy to access and use - no keys or registration required

Left: Bike racks under pedestrian overpass
at NJ TRANSIT Ramsey Rt. 17 Station,
Ramsey NJ








Right: Bike racks under station overhang at
NJ TRANSIT Ridgewood Station,
Ridgewood, NJ



	Weather protected	High capacity parking	Long term parking	Key controlled access	Low visibility	Video monitoring	Staffed monitoring	Shower facilities	Relative Cost
Bike station	●	●	●	●	●	●	●	●	\$\$\$\$\$\$
Bike cage	●	●	●	●	●	●			\$\$\$
Bike lockers	●		●		●	●			\$\$
Bike locker alternatives	●		●		●				\$\$
Bike shelters	●		●						\$\$
Bike racks									\$

●	Standard feature
●	Optional feature

-  "New Jersey Bicycling Manual"
NJDOT
www.state.nj.us/transportation/commuter/bike/pdf/bicyclingmanual.pdf
-  "NJ TRANSIT Bike Aboard Program"
NJ TRANSIT
www.njtransit.com/bikesontrains
-  "Bicycle Parking: Standards Guidelines, Recommendations"
San Francisco Municipal Transportation Agency
www.sfmta.com/sites/default/files/pdfs/2015/SFMTA_bicycle_parking_guidelines.pdf
-  "Essentials of Bike Parking"
Association of Pedestrian and Bicycle Professionals
www.commute.org/files/documents/EssentialsofBikeParking_FINA.pdf
-  "Bicycle Parking Solutions"
Transportation Alternatives
www.transalt.org/sites/default/files/issues/bike/bikeparking.pdf

QUESTIONS?

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