

## Toyosu Underground Bicycle Parking lot



(1) Inside of underground bicycle parking space (2) Bicycle entrance/exit gate (3) Bicycle parking space entrance/exit shed  
(4) Bicycle parking space elevator shed (5) Underground connection passage (the part connected to bicycle parking space)  
(6) Underground connection passage

Photos taken by SS Tokyo Co.,Ltd, PHOTO OFFICE NAKAMURA

**Ordering party :** Koto-ku, Civil Engineering Department, Traffic Measure Section

**Location :** 2-24 Toyosu, Koto-ku, Tokyo

**Summary :**

Bicycle parking lot

Construction area : 126.87 m<sup>2</sup> (Entrance/exit shed)

Total area : 3279.00 m<sup>2</sup>

Number of bicycles parked : 2,000 bicycles

2 stage : 1800 bicycles

Flat parking : 200 bicycles

Structure: Underground one floor RC structure

Above ground one floor steel structure

Elevators : 1

Carrier facilities : 6 Bicycle carriers

Ventilation facilities : Class 3 ventilators

Underground connection passage

Total area : 420.50 m<sup>2</sup>

Escalators : 2

**Services :** Basic design, Execution design, construction supervising

**Completion :** March, 2015

As the population rapidly grows due to the development of the Toyosu district, it is anticipated that the demand for bicycles will drastically increase. Therefore, to prevent bicycles from being left unattended around Toyosu Station (Yurikamome Line and subway Yurakucho Line), and to secure the safety of pedestrians, a bicycle parking space has been provided under the Toyosu Station traffic square.

Entrance and exit of bicycles is controlled by a gate type and by attaching IC tags to bicycles of regular users, making smooth entry/exit without users' taking out their pass, etc.

In tandem with the provision of the underground bicycle parking space, underground connection passages have been integrally developed to enhance user convenience, connecting the area to Toyosu Station of the Yurakucho Line and to the side of planned Toyosu 2 Block Re-development.

At the same time that the underground bicycle parking space is being constructed, the above-ground traffic square is also being renewed and developed. As the development block adjacent to the traffic square is connected to the traffic square, a basic plan for making the traffic square space integrally connected to neighboring blocks was made.