



BIKE SHARE STATIONS

Bike share stations are locations where people can rent and return bicycles for typically short trips from the shared system. Bike share stations may be as simple as groups of bicycle racks that provide a space to lock “smart” bike share bicycles using integrated locks, or smart docking stations for shared bicycles.

USE

- Bike share stations should be located to encourage bicycle trips for commuting, shopping, running errands, social outings, exercise, and sightseeing.
- Bike share stations may be a wide range of sizes depending on the intensity of bicycle demand. However, they typically range from 10 to 30 bicycle docking or parking spaces.
- Bike share stations should be located throughout the bike share system service area in sufficient density to make them easily accessible to all major destinations. They should be provided for redundancy when parking spaces in the preferred location are full.

- For “smart bike” systems, bike share stations (or “hubs”) should accommodate some amount of spill-over parking.

DESIGN

- Stations should be located in areas with popular destinations and in high density areas.
- Bike share stations are highly desirable near transit stops and intermodal facilities such as park-and-ride lots; locating bike share stations near these intermodal facilities encourages trips by multiple modes.
- Bike share stations are commonly located in the parkway zone of the street, but may also be located in the static zone along the curb or in public parks or plazas. Stations may also be placed on private property with appropriate approvals and ensured full public access.
- Parked bicycles, and the space required to get bicycles in and out, must not impede use of the pedestrian zone or adjacent travel lanes.
- If bike share stations utilize solar panels, they must be placed in locations that receive sufficient sunlight.
- Bike share stations must avoid obstructing utilities, fire hydrants, or other street furniture.

OPERATIONS AND MAINTENANCE

- Bike share stations and bicycles need routine maintenance, including snow removal around stations.
- Newer modular or dockless bike share stations may be easier to move and accommodate construction, changing user demand, or other needs. The number of bicycles per station may be increased or decreased according to demand and season.

SPECIAL CONSIDERATIONS

- Access to and from a bike share station must be considered, especially when located outside of the roadway. The placement should maximize convenience for bike share users, yet minimize conflicts with pedestrians and discourage the need for bicyclists to access the station by riding on the sidewalk.
- Access for station maintenance and bicycle resets should also be considered.

REFERENCES

- APBP Bicycle Parking Guidelines, 2nd Edition, 2010
 - Chapter 2. Facilities
- APBP Essentials of Bike Parking: Selecting and Installing Parking that Works, 2015
 - Section 03: Long-Term Parking http://c.ymcdn.com/sites/www.apbp.org/resource/resmgr/Bicycle_Parking/EssentialsofBikeParking_FINA.pdf

