**ISSUE #1: Installing Secure & Convenien Bike Racks**

Lack of secure bike parking is a major deterrent to commuting by bike and the Portland metro area has one of the highest rates of bike theft in the U.S. Racks should be selected and installed to allow for good visual surveillance and the use of high security locks.

### Key Points

- **Location:** A convenient location near a main building entry will encourage cycling and insure at least some casual surveillance can occur. Cyclists will resist using racks in isolated areas.

- **Rack types:** must allow the bicycle frame and one wheel to be locked to the rack. “Wheelbender” racks that only hold the front wheel are potentially damaging as well as being impossible to use properly with high-security U locks.

- **Installation:** must allow sufficient maneuvering room as well as space for the locked bike itself. Generally, a five foot maneuvering aisle is required on at least one side for cyclists to access racks. Other sides should have sufficient clearance for projecting parts of the bike and pedestrian circulation.

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**DEQ End-of-Trip Facilities Design Program 1999 - 2000**