| v1 - LEED 1.0 pilot

# Alternative transportation

SSc4 | Possible 4 points

Glossary

## Intent

Reduce pollution and land development impacts from automobile use.

For Options C and G, please use the following FTE methodology:
FTE: Maximum full-time shift equivalent numbers for both employees and customers can be determined in the following three ways. In all three a 50/50 ration of male to female should be used:

1. Actual or Historical data
2. Projections
3. If there is no actual data or projections, the following chart can be used:

Note for Calculation: Large Format Retailers are defined as greater than 50,000 square feet.
Resources: 2001 Uniform Building Code, 2004-2005 Database for Energy Efficiency Resources (DEER) Update Study, Field Investigation work performed by LEED Retail Core Committee Members, ASHRAE 90.1-2004, LEED-CS Version 2.0 Reference Guide

## Requirements

**Option A. Public transportation access: (1 point)**

Locate project within 1/2 mile of an existing, or planned and funded, commuter rail, light rail or subway station.

**OR**

Locate project within 1/4 mile of one or more stops for two or more public or campus bus lines usable by building occupants.

**Option B. Bicycle commuting: (1 point)**

- 5,000 SF and under Provide 2 or more bicycle storage spaces
- 5,001-20,000 SF Provide 3 or more bicycle storage spaces
- 20,001-50,000 SF Provide 6 or more bicycle storage spaces
- 50,0001 SF + Provide 10 or more bicycle storage spaces

Also institute one of the following: lockable changing areas, showers, bike maintenance program, or bike route assistance.
A bicycle storage space is a place in which one bicycle can be locked securely. An examples is
a bicycle racks, which depending on make and model will accommodate different numbers of bicycles.
Lockable changing areas and showers are intended for employees. Lockable restrooms or bathroom stalls may be used for changing areas as long as they are spacious enough to allow changing comfortably.
Bike maintenance programs are intended for employees. This may include coupons for yearly bike tune-ups for riding bikes to store or having supplies on site for basic self repairs (e.g. bike pump, patch kit).
Bike route assistance is intended for employees and customers. An option for this includes a map identifying bike routes to the project site posted in a location on the property that is easily accessible to employees and customers, and can also be posted on online.

**Option C. Low emitting & fuel efficient vehicles: (1 point)**

**Option 1**

Provide low-emitting and fuel-efficient vehicles for 3% of the maximum full time equivalent shift occupants AND provide preferred parking for these vehicles.

**OR**

**Option 2**

Provide preferred parking for low-emitting and fuel-efficient vehicles for 3% of the total vehicle parking capacity of the site.

**OR**

**Option 3**

Install alternative-fuel refueling stations for 3% of the total vehicle parking capacity of the site (liquid or gaseous fueling facilities must be separately ventilated or located outdoors).

**Option D. Parking capacity: (1 point)**

**Option 1**

Size parking capacity to meet, but not exceed, minimum local zoning requirements, AND, within the sized parking, provide preferred parking for carpools or vanpools for 5% of the total number of parking spaces provided for employees.

**OR**

**Option 2**

Provide no new parking

**Option E. Delivery Service: (1 point)**

**Option 1**

Provide a delivery service for purchases made from the retail establishment.
It is not required that the delivery service is free of charge, but the cost should not be prohibitive.

**Option F. Incentives: (1 point)**

Provide incentives for employees who carpool or use alternative transportation to get to work.
Potential incentives may include guaranteed ride home programs, preferred parking, or transit pass subsidies.

**Option G. Car-share membership: (1 point)**

Provide employees a membership in a car-share program such as Zipcar or Flex Car in which (1) the contract is for at least 2 years, AND (2) preferred parking is provided for the Zipcars or Flex Cars, AND (3) it is demonstrated that these cars are capable of servicing 5% of the employees,
AND (4) if the calculations and assumptions behind Zipcar or Flex Car's estimates of customers served per car are found by the certification reviewers with a margin of error that is less than 5%.

**Option H. Alternative transportation education: (1 point)**

Provide a board or computer in the retail project that provides the following information for both employees and customers:

- Information on carpooling programs
- Transit trip planning assistance
- Transit Maps
- Maps of preferred bike routes and the location(s) of secure bicycle parking, lockers and showers, if provided
- Summary of the company Transportation Management Plan
- Who to contact for more information

**Address**
2101 L Street NW
Suite 500
Washington, DC 20037

**Within the United States:**
1-800-795-1747

**Outside the United States:**
1-202-742-3792

© 2012-2015 U.S. Green Building Council