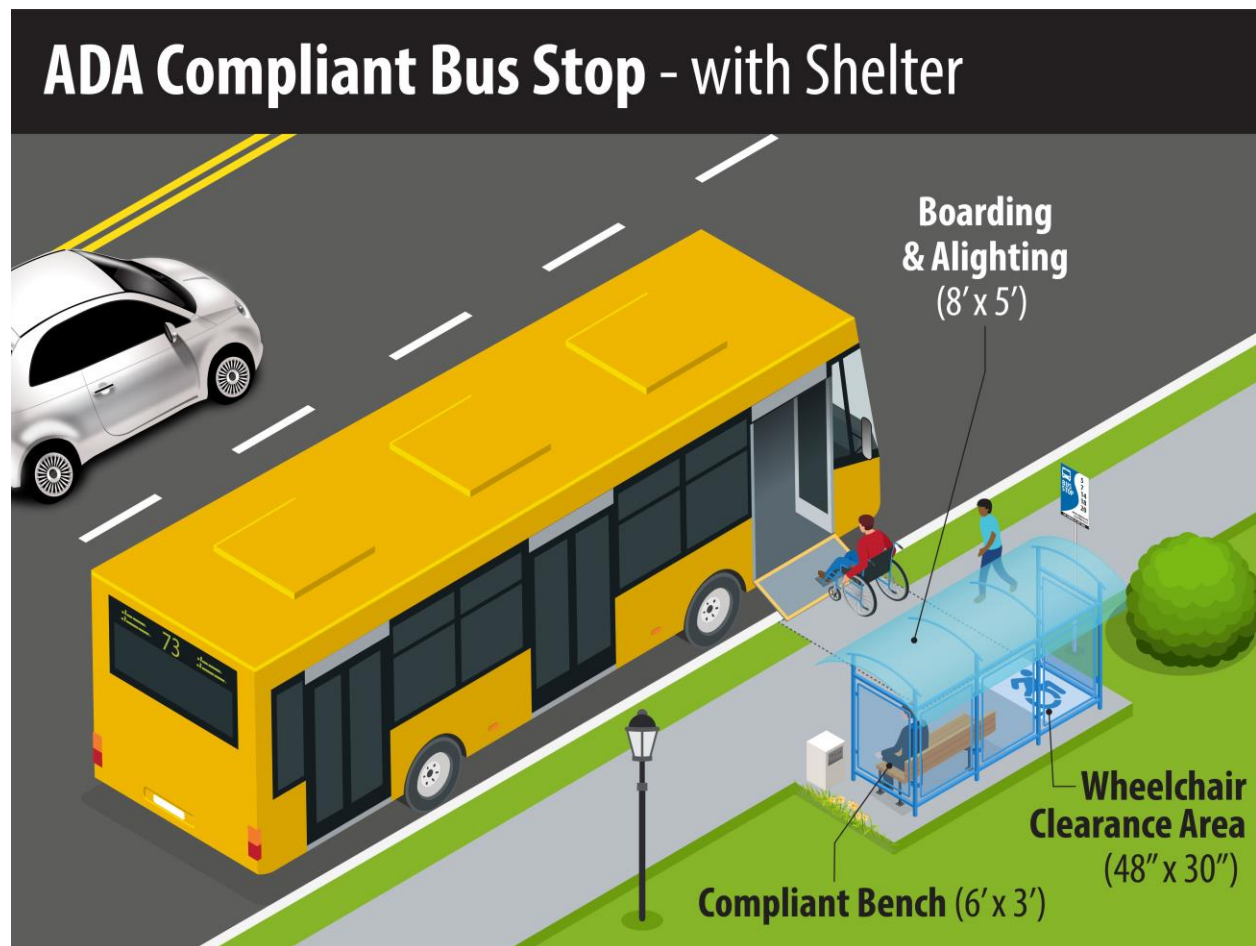


Shelter Requirements

Stop shelters help keep riders out of the elements by separating them from the surrounding environment. Shelters are not required at any bus stops, but they dramatically improve rider comfort while waiting for the bus. Shelters shall have 30" by 48" minimum area **under roof** to serve as the wheelchair clearance area, and have a minimum 48" clearance into the shelter.⁶ Shelters also must use translucent, shatter-proof materials on all sides to aid in visibility, although this particular aspect of shelter design was not evaluated in this study. **Figure 6** illustrates the shelter requirements.

Figure 6: Shelter Requirements



⁶ ADAAG Chapter 4.3.7

Benches

Benches make bus stop waiting times more comfortable for ECAT riders. Complying with the dimension requirements listed below and illustrated in **Figure 4** helps to ensure that any wait at the bus stop is not uncomfortable. Bench dimensions shall be as follows:

- Minimum 20" to maximum 24" in seat depth.
- Maximum 28" in depth and 44" in height.
- Minimum 42" to maximum 74" wide.
- Bench seat 17"–19" (17" preferred) above the ground or floor.
- Back support that extends from a point 2" maximum from above the seat surface to a point 18" above the seat surface.
- Advertising displayed on a bench shall not be greater than 6' in length nor be greater than 2' in height, and no advertising displayed upon a bench shall be of a reflectorized material.

All of the above bench compliant elements provide a typical footprint equal to 6'x3' which is illustrated in the figures on the next pages. .

Figure 4: Bench Dimensions

ADA Compliant Bench - Minimum Requirements

