

Superior Docks



ADA Compliant Transition Plates

www.gangways.biz



3 1/2" from the top of the walking surface to the float.

Disruptive Technology

Low Profile Bottom Chord

The new Americans with Disabilities Act Guidelines state that gangways need to meet a 1:12 slope up to 80' in length. The transition plate is not considered part of this 80'. It needs to comply with the 1:12 slope at all times.

When specifying a gangway for a project be precise in what your needs are. Ask how much of a "step-up" there will be and how long of a transition plate will be required for the rise to insure using the least amount of valuable float space, while still meeting slope requirements.

Superior Docks

a division of

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3' x 16' Gangway

C-Channel and E-Channel vs. Low Profile Bottom Chord

E-Channels have been used for 30+ years in the manufacturing of gangways.

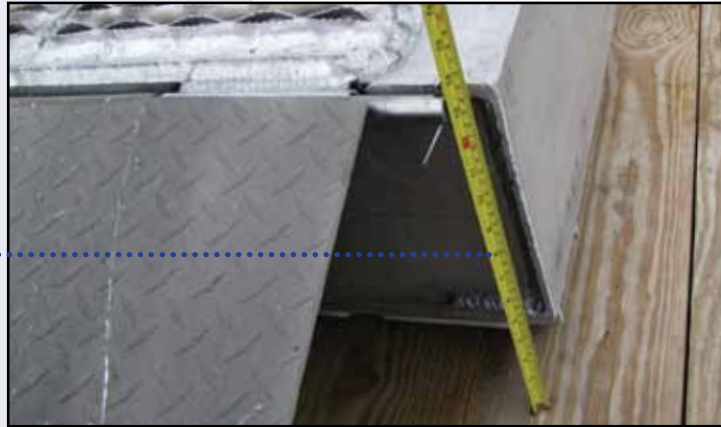
Avoid ending up with a gangway that has a step up that's too high.



9 1/2" from the top of the walking surface to the float.

Which would you use for your facility?

Superior Docks' gangways featuring a low profile bottom chord can be designed to meet varying live load requirements. For example a project for NASA required a 400 lbs. psf live load capacity.

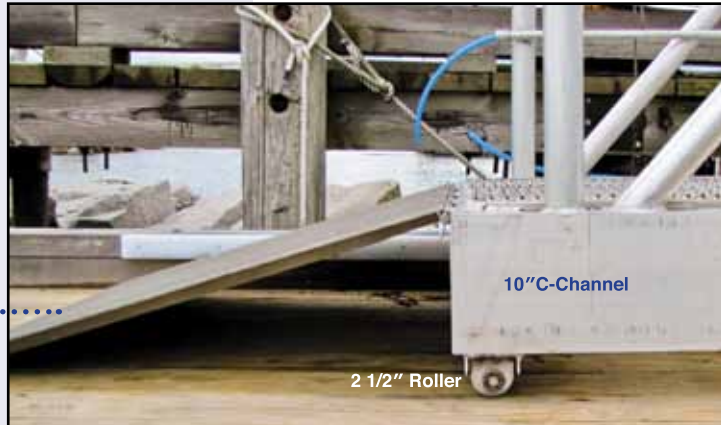


14 1/2" from the top of the walking surface to the float.

Stonington, ME Isle au Haut Mail Boat

The first aluminum gangways were manufactured with a C-Channel similar to the one pictured.

36" Transition Plate



This gangway is fabricated with 10" C-Channel making it rise 14" above the float. To be ADA compliant it would require a 14' transition plate. This 36" transition plate has a 22° slope.

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Valuable float real estate is being wasted.



8' Transition Plate

Ridley, PA

This 80' ADA compliant gangway needed an 8' transition plate to meet ADA requirements. Because the transition plate is so long it requires a handrail. This not only takes up 32 square feet of valuable float real estate it also adds cost to the project.

6" E-Channel



42" Transition Plate

Yonkers, NY

Because of the Superior Docks low profile bottom chord this gangway only requires a 42" transition plate that takes up only 12 1/4 square feet of valuable float real estate.



New York City Water Taxi Yonkers, NY

In 2009 Superior Docks manufactured two 90' x 3 1/2' ADA compliant gangways for Yonkers, New York.



The Queen Mary 2 Cruise Ship Terminal, Brooklyn, NY

Superior Docks was contracted by the Brooklyn Cruise Terminal to design this ADA compliant platform and gangway system for the Queen Mary 2. It also has a 42" transition plate with a 5° slope.



Because of the low profile bottom chord these gangways only require 42" transition plates. These gangways are rated for 100 lbs. p.s.f. L/180 live load.



Testing the next generation of spacesuits and equipment in the Arizona desert, Superior Docks low profile bottom chord has such a low profile *even an astronaut can use it!*



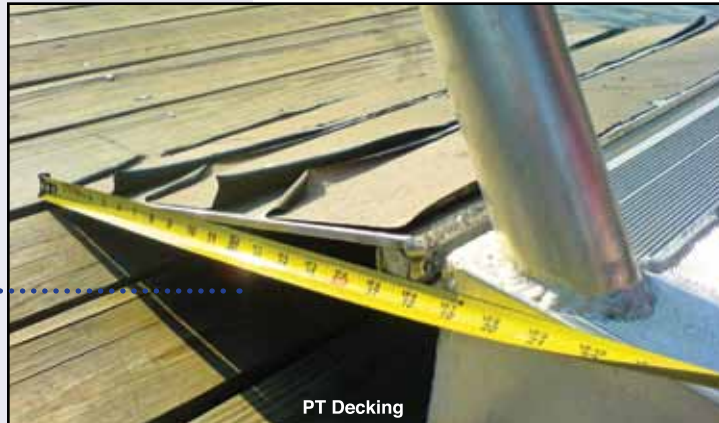
PT Decking

5" E-Channel

**18" Transition Plates
Beacon, NY**

All gangways are not required to be ADA compliant. However the slope of the transition plate is still important to maintain a comfortable transition from the float to the gangway for foot and wheel traffic.

18" Transition Plate



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18' x 3' gangway
7" rise
18" transition plate with a 21° slope.



8" E-Channel

9 1/2" Rise

2 1/2" Roller

IPE Decking

24" Transition Plate

Branford, CT

26' x 3" gangway
9 1/2" rise
24" transition plate with a 23° slope.



3 1/4" Roller

3 1/2" Low Profile Bottom Chord

IPE Decking

18" Transition Plate

Clinton, CT Town Pier

30' x 3' Superior Docks gangway
3 1/2" rise
18" transition plate with an 11° slope.

When ADA regulations are not required.



Fort Lauderdale, Florida

This transition plate is 7' long with a 7" overall rise taking up valuable float real estate. To be ADA compliant, a transition plate this long would require a handrail.



36" Transition Plate

Chicago Illinois

30' x 3 1/2' gangway
9 1/2" Rise
36" Transition Plate with a 15° slope.



18" Transition Plate

New Jersey South Shore

This Superior Docks gangway on the Jersey Shore provides a comfortable slope with only an 18" transition plate. This gangway is sitting on an EZ Dock Float System.

18" Transition Plate



Wayfarer Marina, Camden, ME

40' x 4' Superior Docks gangway
3 1/2" Rise
18" Transition Plate with a 11° slope.

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