

# 2005 EXCELLENCE IN HOT-DIP GALVANIZING WATER & MARINE

## THEA FOSS WATERWAY



Tacoma, WA



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The City of Tacoma, Washington spruced up its waterways by using 25½ tons of durable and attractive hot-dip galvanized structural footwalks on the Albers Mill Wharf in front of its Museum of Glass. Specifically, Tacoma selected the unique design of Ohio Gratings' light and heavy-duty steel bar grating, called "wheels 'n heels" to cover the waterfront area of the

marina. The curvilinear design mimics the historic shoreline, and also allows light to shine through to the water, so as to not confuse the Coho salmon by creating a dark segment in their spawning path. The grating also uses unique J-bolt tie-downs to attach the sub-frame in order to facilitate an architectural-grade aesthetic look, with smooth transition between the grating and the perimeter concrete deck.

ADA-compliant and rated H-20 for heavy truck traffic, the hot-dip galvanized grating will withstand the harsh marine environment for the wide pH range of 5 - 12, while delivering a substantial cost savings and zero maintenance costs over the life of the project.

