



# PROJECT PROFILE



**Challenge:** When King County needed to replace the South Park Bridge located just South of downtown Seattle, WA, they also needed to replace the over 350 Creosote impregnated wooden piles that help comprise the current “Bridge Pier Protection” system.

This fendering system is designed to prevent damage from the barge and other industrial marine traffic that sail under the bridge daily by acting as a sacrificial bumper system.

**Solution:** King County engineers turned to SeaTimber a 100% recycled Plastic Timber manufactured by Bedford Technologies. The new South Park Bridge fendering system using the SeaTimber product can be seen in the attached photographs and artist’s rendering picture.

SeaTimber comes in 4 different sizes from 8 x 12’s to 12 x 12’s and as an engineered product it can be manufactured within those sizes to meet engineered specifications for strength and stiffness. Given that SeaTimber will not rot, corrode or decay, the Life Cycle cost is unbeatable.

### Features:

- Unaffected by marine borers.
- Choice of modulus to suit different applications
- Can be Pile driven, sawn and drilled.
- Ultra low maintenance.
- Unlimited lengths.



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Schrader Co. presents *environmentally-conscious products* for the industrial marine market and other applications for a variety of uses including piers, wharves, marinas, bridges, boardwalks and seawalls.