

Reinforcement of structures under a severe corrosive environment.

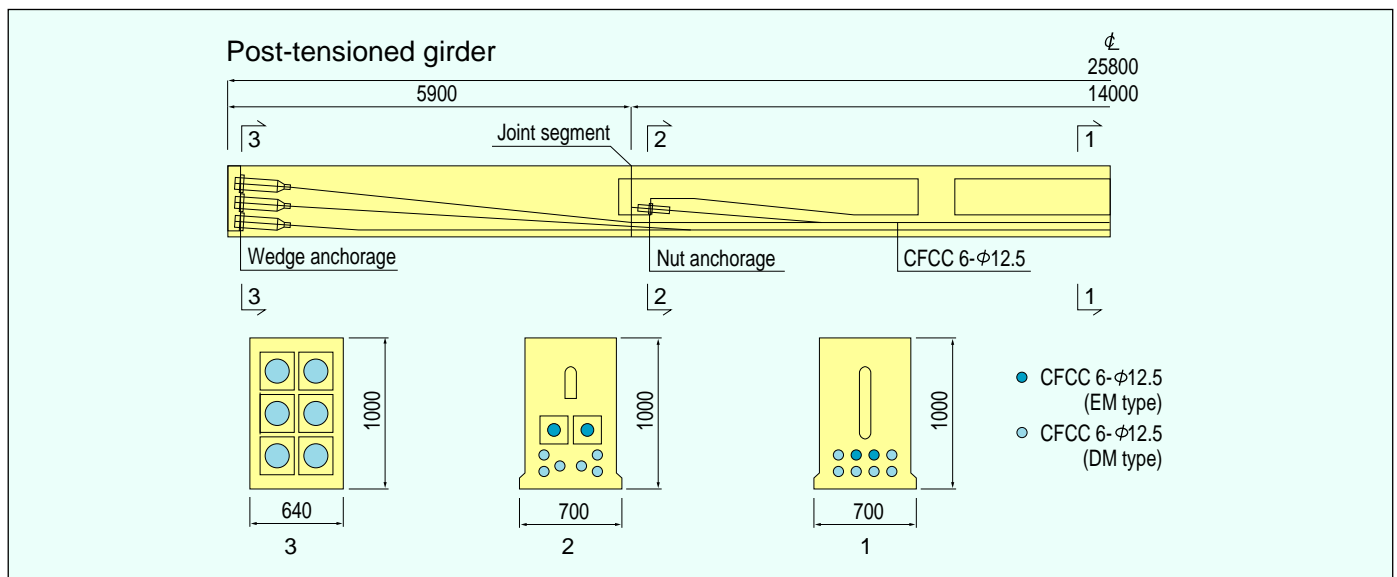
Haramachi Thermal Power Plant Outfall Bridge

This 2-span post-tensioned/pre-tensioned concrete simple girder bridge links the breakwater to the marine facility. This bridge uses CFCC tendons and epoxy coated rebar. Post-tensioned girders were constructed by 3-part precast block method reinforced with CFCC tendons.

Client	Tohoku Electric Power Co., Ltd
Location	Fukushima prefecture
Dimension	Total length 44.8m Total width 4.0m Girder length (post-tensioning) 25.8m Girder length (pre-tensioning) 12.9m
Material	CFCC 1 x 7 ϕ 12.5
Application	Post-tension (CFCC6- ϕ 12.5 multi-cables) Pre-tension
Completed	December 1996



Drawing



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