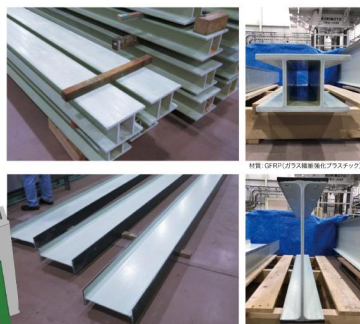
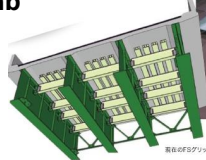


Technologies for Bridge Slab Replacement

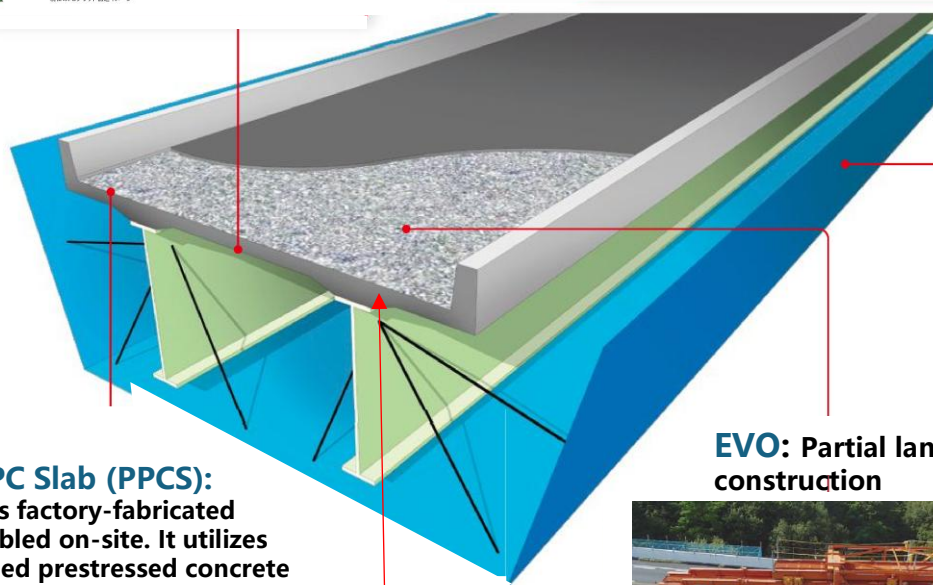
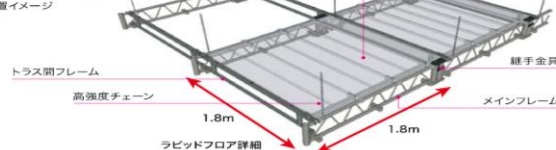
Technologies de remplacement des tabliers de pont



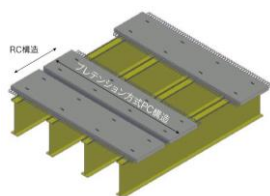
FS Grid
To extend the lifespan through reinforcement rather than replacing the slab



Rapid Floor
Rapidly and safely construct the scaffolding required for slab replacement.



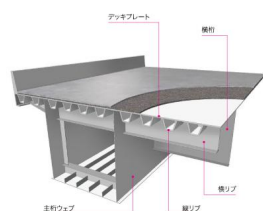
Precast PC Slab (PPCS):
The PPCS is factory-fabricated and assembled on-site. It utilizes pretensioned prestressed concrete (PC) in the transverse direction and reinforced concrete (RC) with loop joints in the longitudinal direction.



Steel-Concrete Composite Deck (SCCD):
SCCD steel plate panels are manufactured in the factory, and shear connectors are integrated with the concrete on-site.



EVO: Partial lane construction



Orthotropic Steel Deck (OSD)
⇒ OSD are widely used in bridges built on weak ground and in elevated urban expressways due to their many advantages over RC slabs, such as lighter weight, shorter construction time, and greater flexibility.

