

# Butterfly Web Bridge -New Sustainable Bridge Structure-

버터플라이 웹 브릿지 -오랫동안 지속가능한 새로운 교량 구조물-

"Butterfly Web Bridge" uses butterfly-shaped concrete panels for its web. With respect to shear force acting on the web, it behaves similarly to a double Warren truss structure. The material components for the web are high-strength fiber reinforced concrete and prestressing steels used to reinforce the tensile stress areas and it has no rebar. This new type of structure enables reduction of the amount of materials and the dead load of the superstructure.

